

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101325\
 Data File : VY023447.D
 Acq On : 13 Oct 2025 08:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/14/2025
 Supervised By :Semsettin Yesilyurt 10/14/2025

Quant Time: Oct 14 04:14:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	579996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	827529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	738334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	381034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	220424	45.448	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.900%		
35) Dibromofluoromethane	7.640	113	247677	48.710	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.420%		
50) Toluene-d8	10.109	98	919127	48.538	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.080%		
62) 4-Bromofluorobenzene	12.408	95	304174	48.654	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	180914	43.335	ug/l	99
3) Chloromethane	2.074	50	240994	42.376	ug/l	99
4) Vinyl Chloride	2.208	62	325462	43.937	ug/l	99
5) Bromomethane	2.598	94	264833	42.604	ug/l	99
6) Chloroethane	2.739	64	235633	46.667	ug/l	99
7) Trichlorofluoromethane	3.062	101	469076	45.608	ug/l	98
8) Diethyl Ether	3.458	74	123865	46.089	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	255972	47.961	ug/l	100
10) Methyl Iodide	4.007	142	327717	55.157	ug/l	99
11) Tert butyl alcohol	4.854	59	72109	199.851	ug/l	100
12) 1,1-Dichloroethene	3.793	96	243095	46.987	ug/l	97
13) Acrolein	3.659	56	75970	149.009	ug/l	98
14) Allyl chloride	4.385	41	293353	46.525	ug/l	98
15) Acrylonitrile	5.061	53	244167	237.401	ug/l	99
16) Acetone	3.866	43	302415	261.914	ug/l	99
17) Carbon Disulfide	4.110	76	700704	47.320	ug/l	100
18) Methyl Acetate	4.391	43	149638	49.404	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	605721	48.713	ug/l	95
20) Methylene Chloride	4.622	84	272944	43.716	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	277802	48.771	ug/l	96
22) Diisopropyl ether	6.025	45	677581	48.582	ug/l	99
23) Vinyl Acetate	5.964	43	1783681	236.273	ug/l	99
24) 1,1-Dichloroethane	5.921	63	445877	48.262	ug/l	99
25) 2-Butanone	6.896	43	339389	240.765	ug/l	99
26) 2,2-Dichloropropane	6.890	77	417412	49.239	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	326905	49.684	ug/l	98
28) Bromochloromethane	7.250	49	152690	44.272	ug/l	100
29) Tetrahydrofuran	7.262	42	185953	232.628	ug/l	98
30) Chloroform	7.427	83	500735	49.331	ug/l	98
31) Cyclohexane	7.701	56	359238	44.526	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	447661	48.530	ug/l	99
36) 1,1-Dichloropropene	7.835	75	340037	50.513	ug/l	99
37) Ethyl Acetate	6.988	43	123345	46.250	ug/l	97
38) Carbon Tetrachloride	7.823	117	407435	49.915	ug/l	98
39) Methylcyclohexane	9.109	83	441526	50.375	ug/l	99
40) Benzene	8.085	78	1078488	50.589	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101325\
 Data File : VY023447.D
 Acq On : 13 Oct 2025 08:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/14/2025
 Supervised By :Semsettin Yesilyurt 10/14/2025

Quant Time: Oct 14 04:14:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	71574m	49.622	ug/l	
42) 1,2-Dichloroethane	8.164	62	271092	49.306	ug/l	99
43) Isopropyl Acetate	8.201	43	252301	47.444	ug/l #	87
44) Trichloroethene	8.866	130	315576	50.575	ug/l	100
45) 1,2-Dichloropropane	9.146	63	238004	50.544	ug/l	98
46) Dibromomethane	9.231	93	150661	50.599	ug/l	99
47) Bromodichloromethane	9.426	83	379102	50.554	ug/l	99
48) Methyl methacrylate	9.225	41	119858	47.976	ug/l	97
49) 1,4-Dioxane	9.231	88	32575	943.598	ug/l	99
51) 4-Methyl-2-Pentanone	9.999	43	690175	251.195	ug/l	99
52) Toluene	10.176	92	712678	51.487	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	329553	50.541	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	393799	51.171	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	203358	50.789	ug/l	95
56) Ethyl methacrylate	10.438	69	235791	51.052	ug/l	99
57) 1,3-Dichloropropane	10.719	76	320725	50.549	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	535101	258.622	ug/l	99
59) 2-Hexanone	10.762	43	505127	257.254	ug/l	98
60) Dibromochloromethane	10.914	129	289352	51.544	ug/l	100
61) 1,2-Dibromoethane	11.018	107	194175	50.850	ug/l	99
64) Tetrachloroethene	10.652	164	392856	51.532	ug/l	97
65) Chlorobenzene	11.444	112	798512	49.725	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	287870	50.305	ug/l	99
67) Ethyl Benzene	11.517	91	1329048	51.130	ug/l	99
68) m/p-Xylenes	11.633	106	1082756	103.852	ug/l	99
69) o-Xylene	11.956	106	505635	51.705	ug/l	99
70) Styrene	11.969	104	839551	52.206	ug/l	99
71) Bromoform	12.133	173	177159	49.909	ug/l #	99
73) Isopropylbenzene	12.255	105	1311169	52.216	ug/l	99
74) N-amyl acetate	12.072	43	215637	47.810	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	200423	48.800	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	160661m	47.791	ug/l	
77) Bromobenzene	12.536	156	338166	50.656	ug/l	99
78) n-propylbenzene	12.597	91	1531033	52.689	ug/l	100
79) 2-Chlorotoluene	12.682	91	865350	50.854	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1073564	52.908	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	68692	50.107	ug/l	99
82) 4-Chlorotoluene	12.779	91	899220	51.311	ug/l	100
83) tert-Butylbenzene	12.999	119	971263	51.842	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1065727	52.627	ug/l	99
85) sec-Butylbenzene	13.176	105	1416476	52.706	ug/l	100
86) p-Isopropyltoluene	13.292	119	1211808	52.959	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	654255	50.329	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	636131	49.547	ug/l	100
89) n-Butylbenzene	13.621	91	1044788	52.402	ug/l	99
90) Hexachloroethane	13.883	117	246776	50.142	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	572455	50.228	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	30575	45.371	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	344061	48.424	ug/l	99
94) Hexachlorobutadiene	15.023	225	218379	49.305	ug/l	98
95) Naphthalene	15.145	128	535084	47.293	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	293934	47.760	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101325\
Data File : VY023447.D
Acq On : 13 Oct 2025 08:53
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

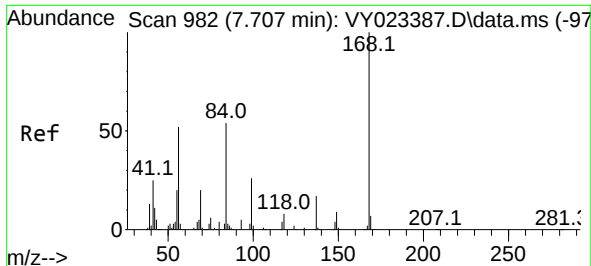
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025

Quant Time: Oct 14 04:14:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

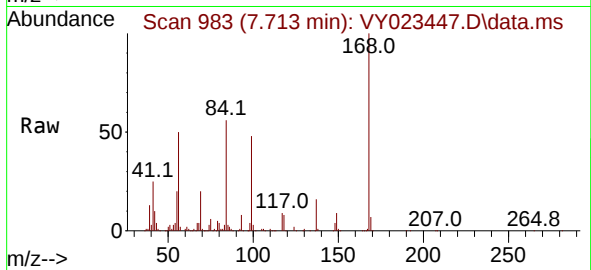
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

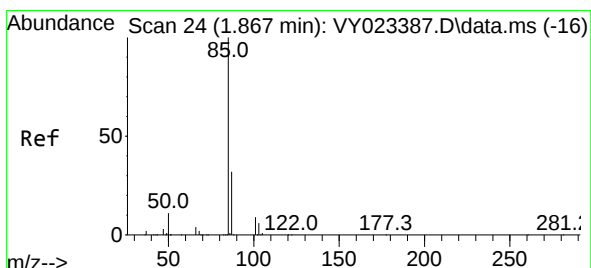
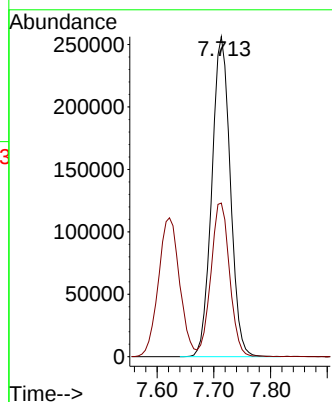
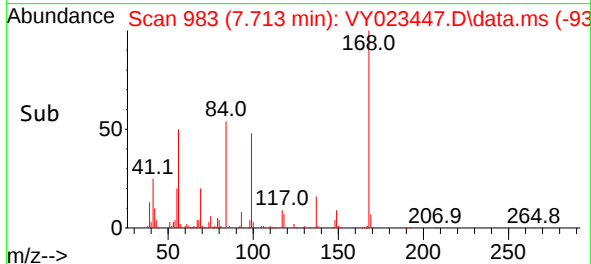
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 579990
Ion Ratio Lower Upper
168 100
99 47.9 39.7 59.5

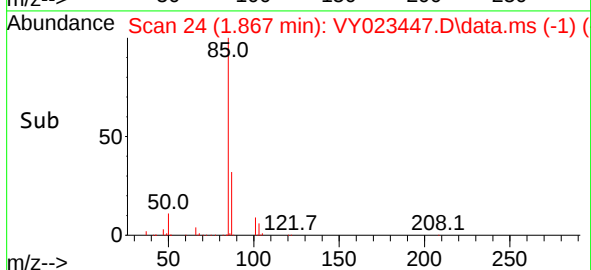
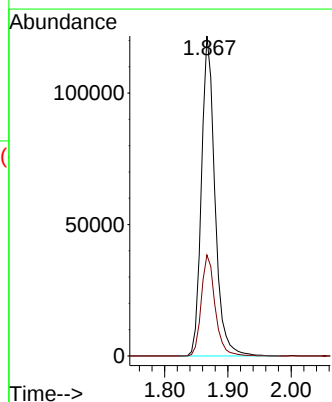
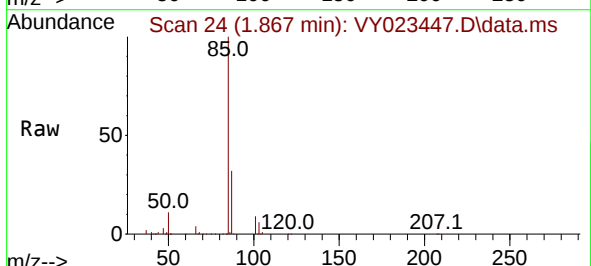
Manual Integrations
APPROVED

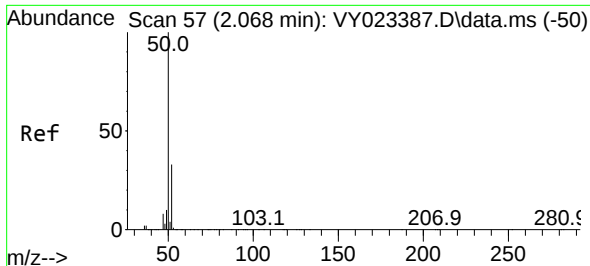
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025



#2
Dichlorodifluoromethane
Concen: 43.335 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

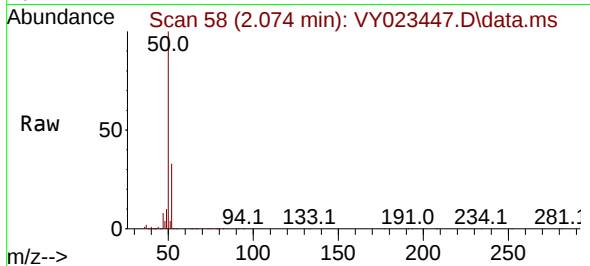
Tgt Ion: 85 Resp: 180914
Ion Ratio Lower Upper
85 100
87 31.6 16.0 47.9





#3
Chloromethane
Concen: 42.376 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

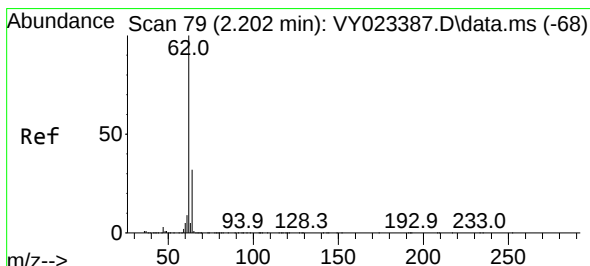
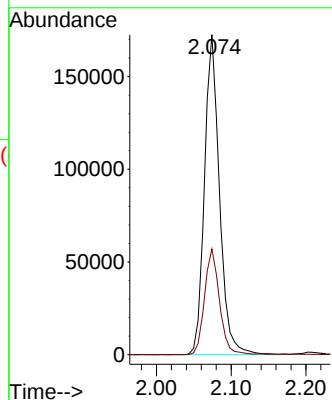
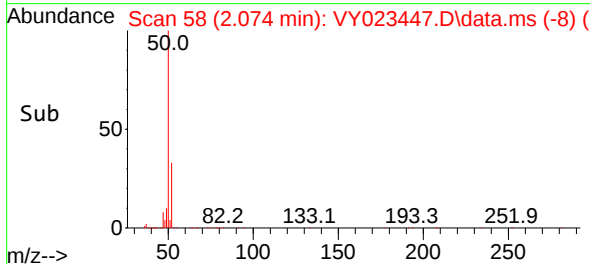
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



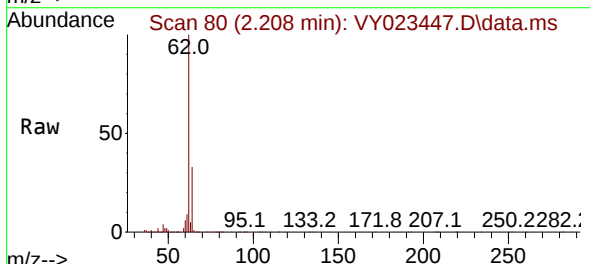
Tgt Ion: 50 Resp: 240994
Ion Ratio Lower Upper
50 100
52 33.0 26.2 39.2

Manual Integrations
APPROVED

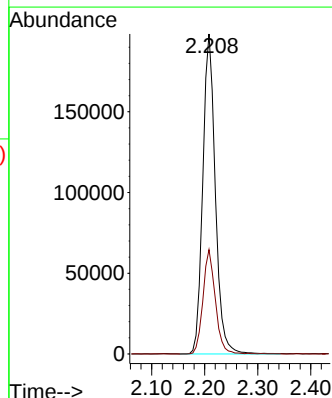
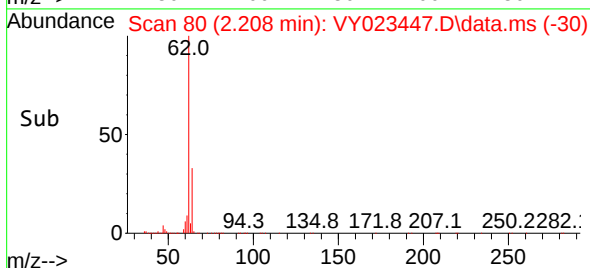
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025

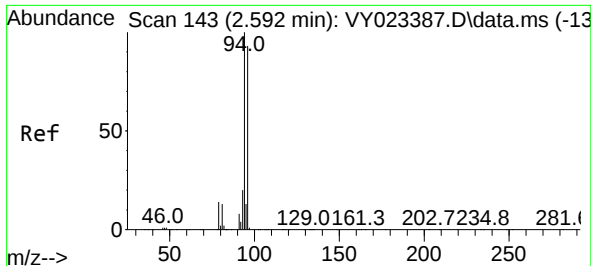


#4
Vinyl Chloride
Concen: 43.937 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53



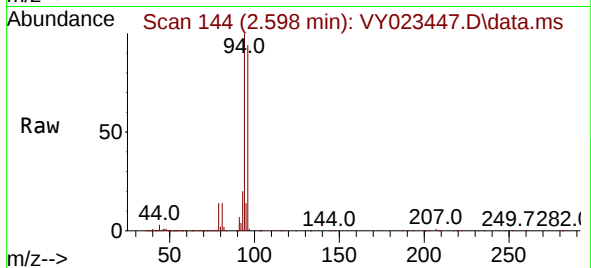
Tgt Ion: 62 Resp: 325462
Ion Ratio Lower Upper
62 100
64 32.6 25.8 38.8





#5
Bromomethane
Concen: 42.604 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

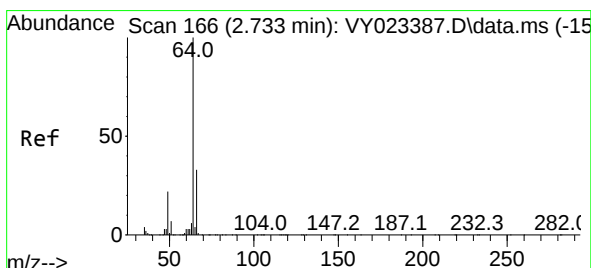
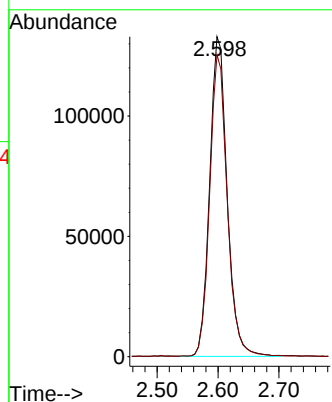
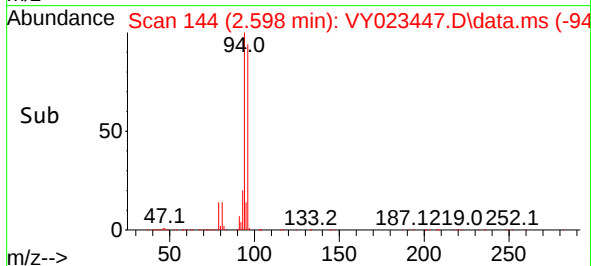
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



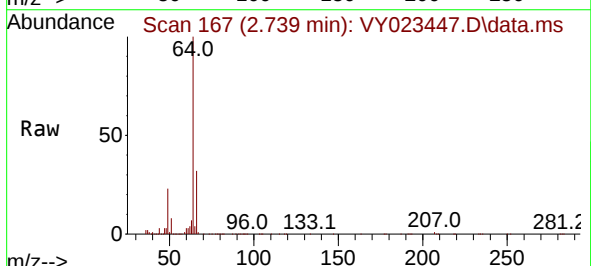
Tgt Ion: 94 Resp: 264833
Ion Ratio Lower Upper
94 100
96 94.3 74.5 111.7

Manual Integrations
APPROVED

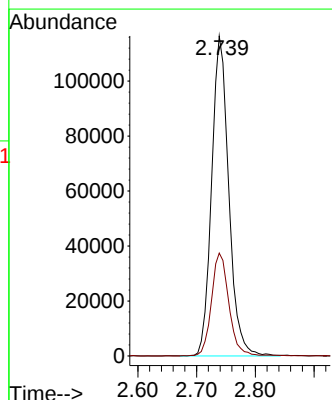
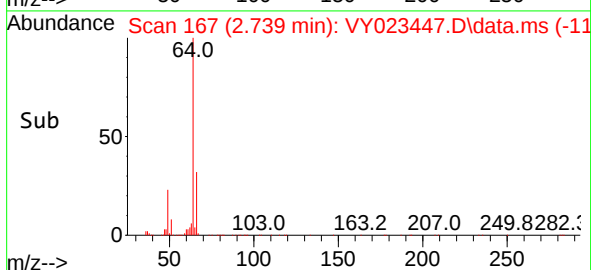
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025

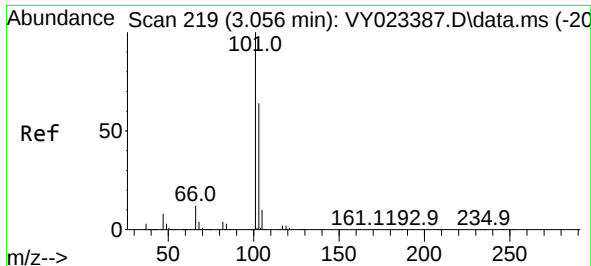


#6
Chloroethane
Concen: 46.667 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53



Tgt Ion: 64 Resp: 235633
Ion Ratio Lower Upper
64 100
66 32.1 26.2 39.4





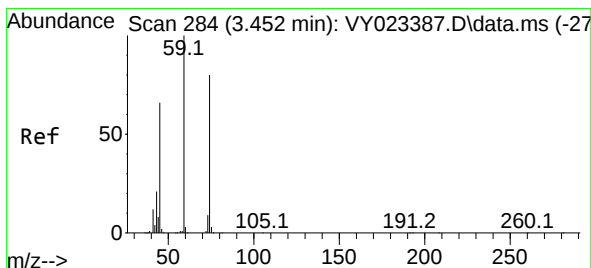
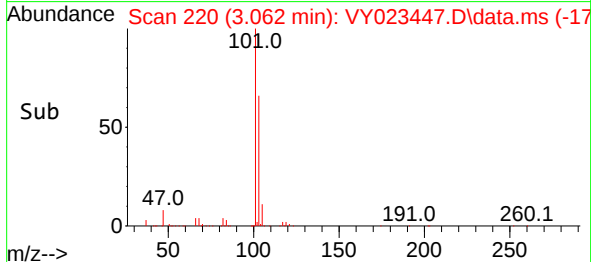
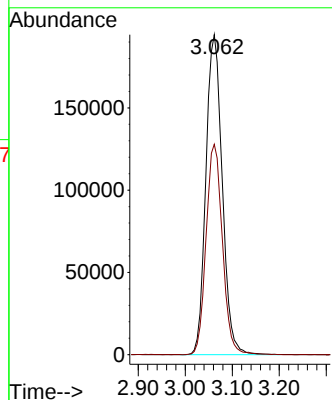
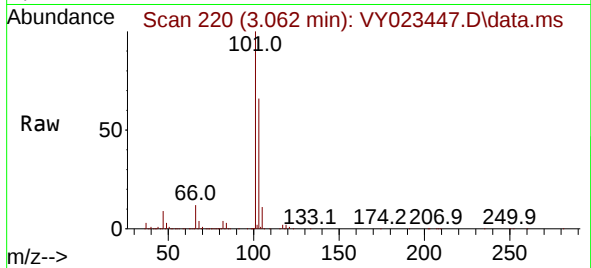
#7
Trichlorofluoromethane
Concen: 45.608 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 469070
Ion Ratio Lower Upper
101 100
103 65.7 51.3 76.9

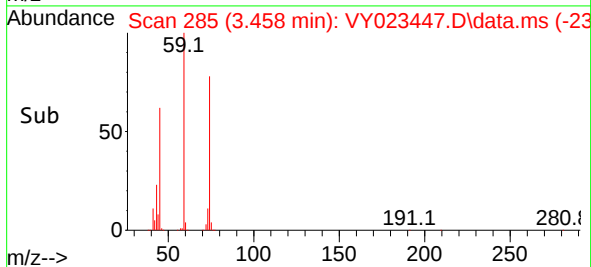
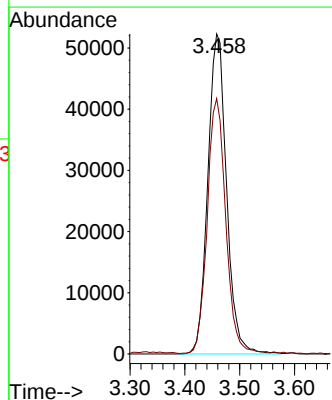
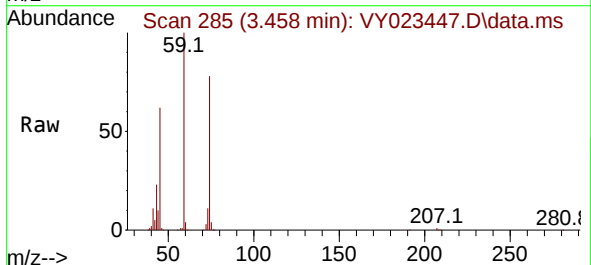
Manual Integrations
APPROVED

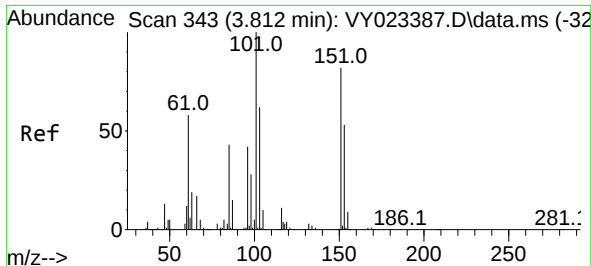
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025



#8
Diethyl Ether
Concen: 46.089 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

Tgt Ion: 74 Resp: 123865
Ion Ratio Lower Upper
74 100
45 78.8 39.9 119.7





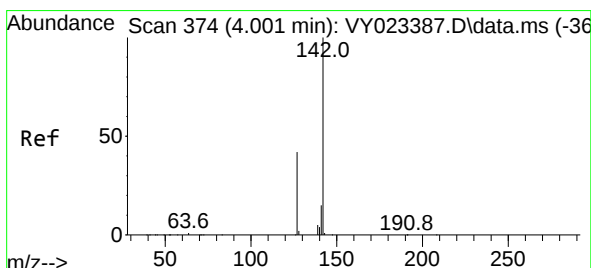
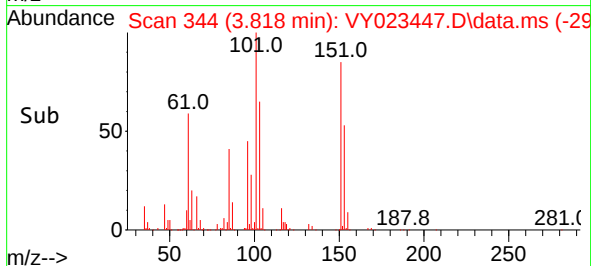
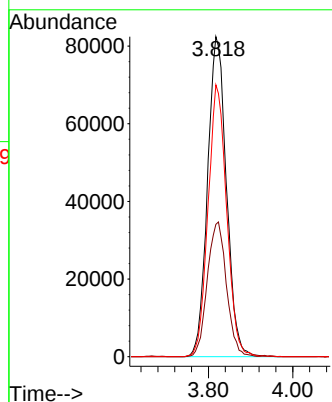
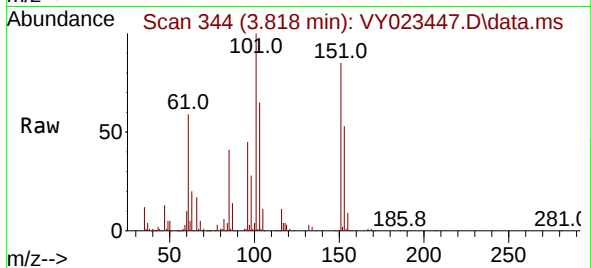
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.961 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 255972
Ion Ratio Lower Upper
101 100
85 42.8 34.6 51.8
151 83.9 67.0 100.6

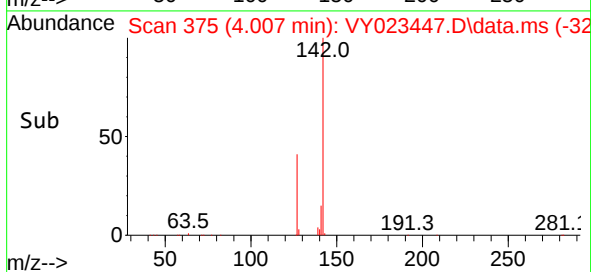
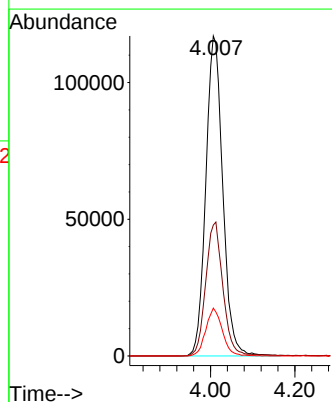
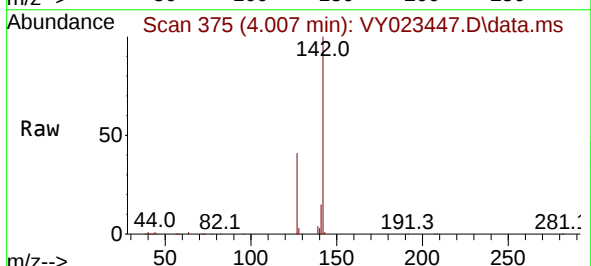
Manual Integrations
APPROVED

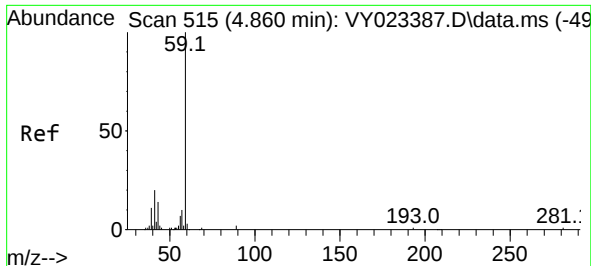
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025



#10
Methyl Iodide
Concen: 55.157 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

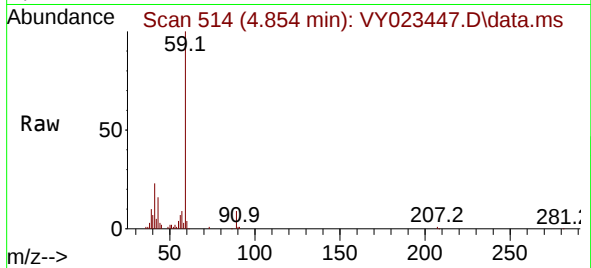
Tgt Ion:142 Resp: 327717
Ion Ratio Lower Upper
142 100
127 42.7 34.8 52.2
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 199.851 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

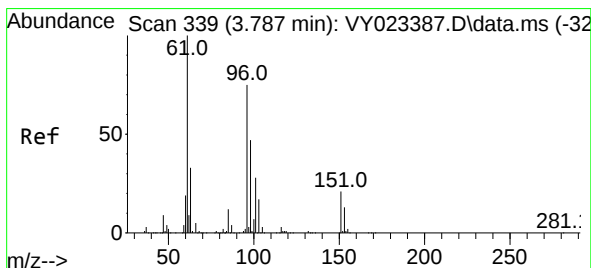
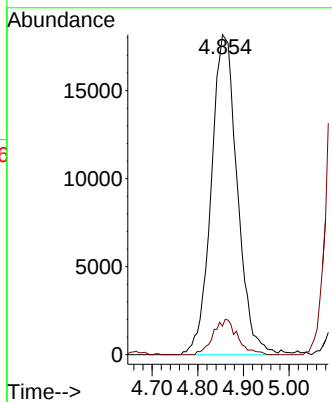
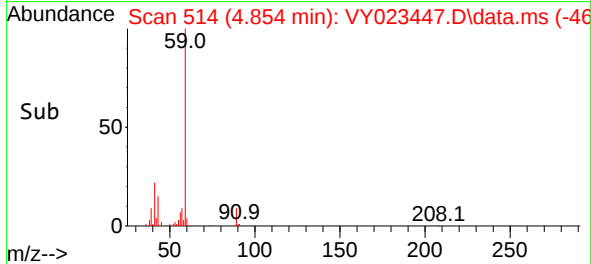
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



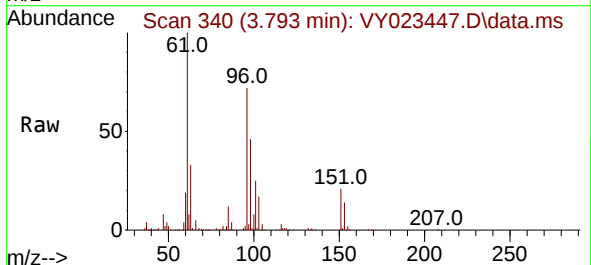
Tgt Ion: 59 Resp: 72109
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

Manual Integrations
APPROVED

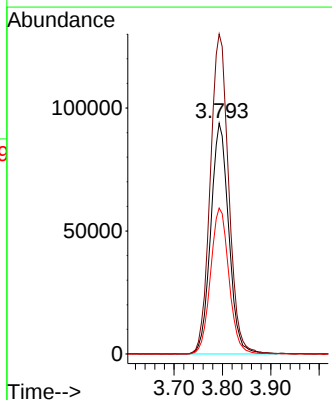
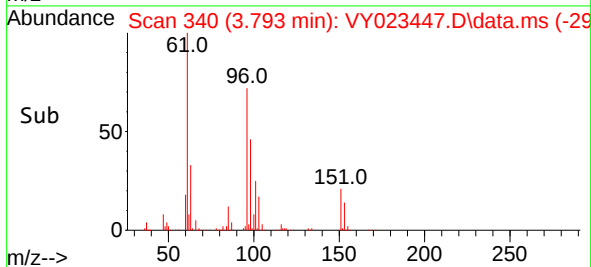
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025

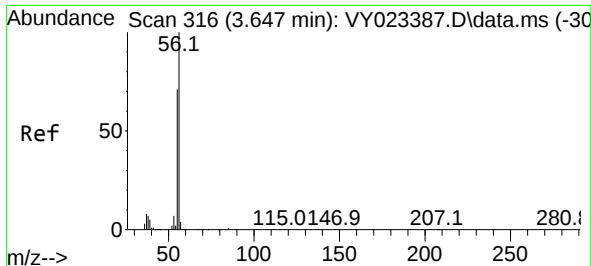


#12
1,1-Dichloroethene
Concen: 46.987 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53



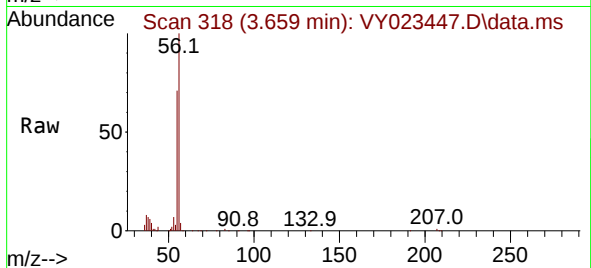
Tgt Ion: 96 Resp: 243095
Ion Ratio Lower Upper
96 100
61 138.7 106.7 160.1
98 63.3 50.2 75.4





#13
Acrolein
Concen: 149.009 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

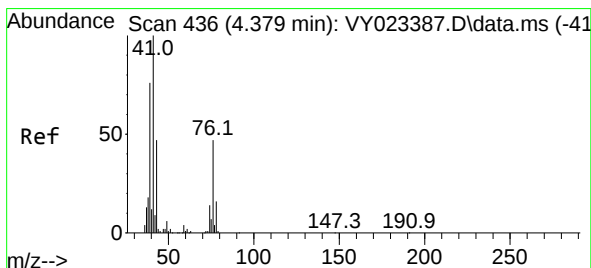
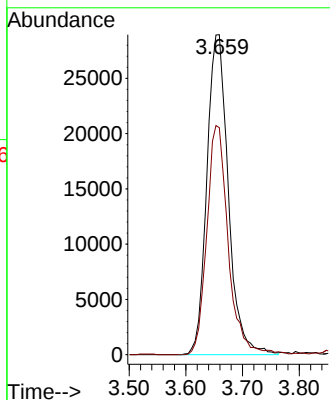
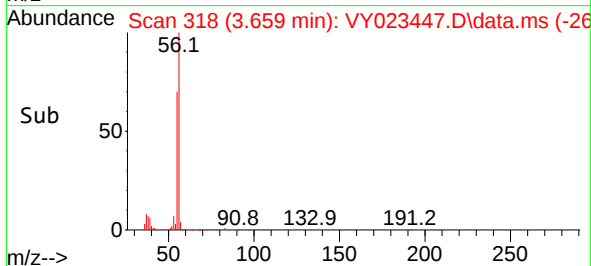
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 75970
Ion Ratio Lower Upper
56 100
55 71.6 56.1 84.1

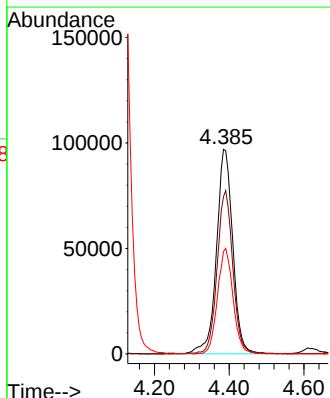
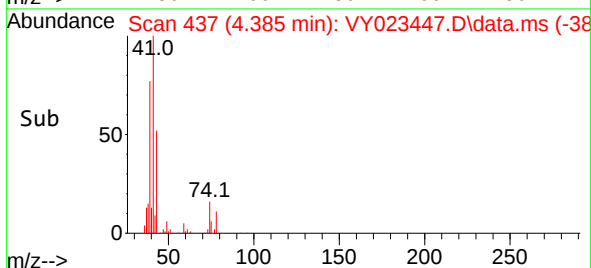
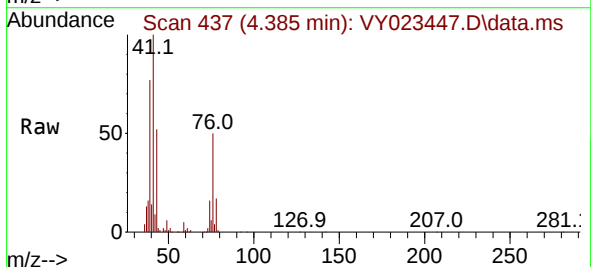
Manual Integrations
APPROVED

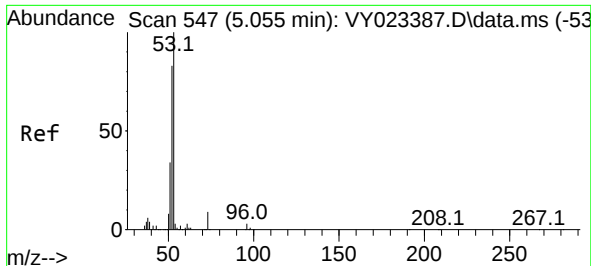
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025



#14
Allyl chloride
Concen: 46.525 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

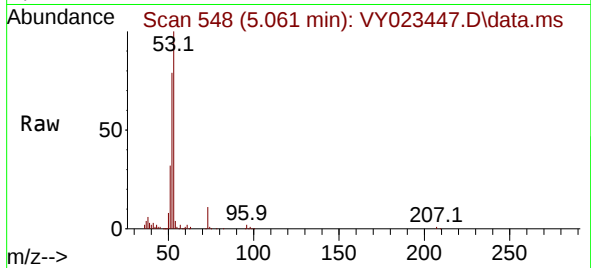
Tgt Ion: 41 Resp: 293353
Ion Ratio Lower Upper
41 100
39 76.7 59.9 89.9
76 49.2 38.0 57.0





#15
Acrylonitrile
Concen: 237.401 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

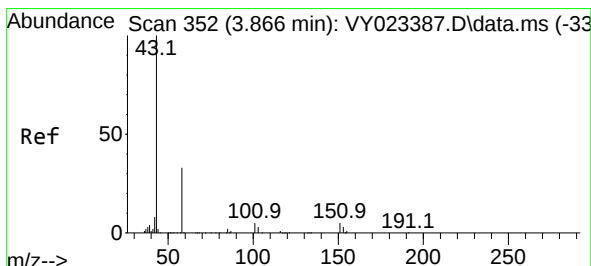
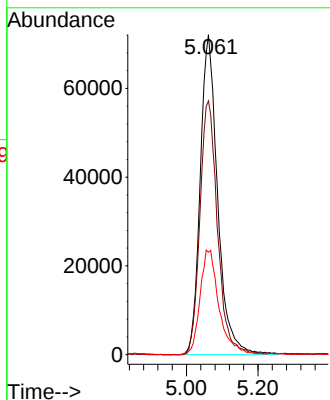
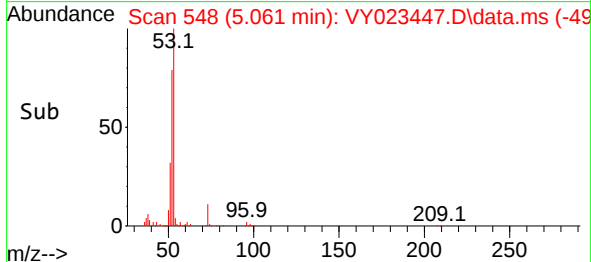
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



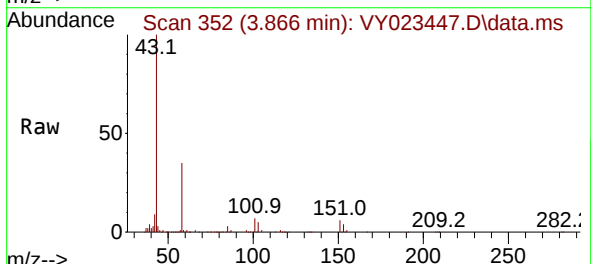
Tgt Ion: 53 Resp: 24416
Ion Ratio Lower Upper
53 100
52 80.1 64.6 97.0
51 35.7 29.5 44.3

Manual Integrations
APPROVED

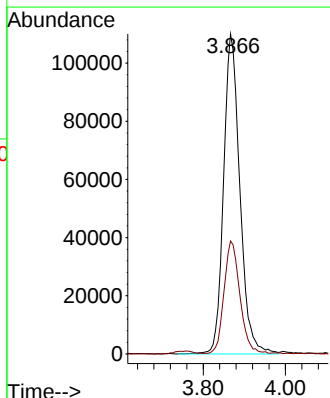
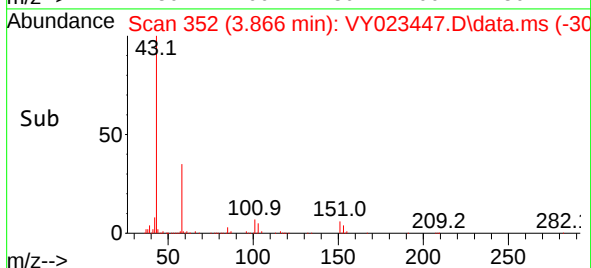
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025

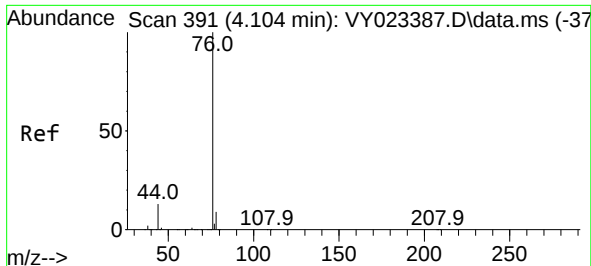


#16
Acetone
Concen: 261.914 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53



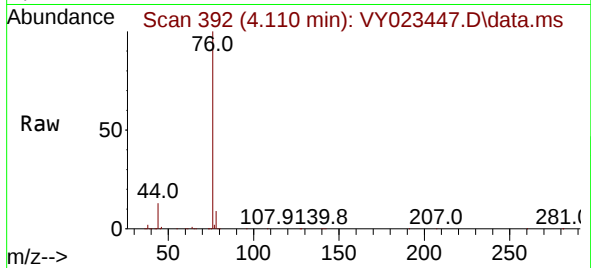
Tgt Ion: 43 Resp: 302415
Ion Ratio Lower Upper
43 100
58 35.0 27.7 41.5





#17
Carbon Disulfide
Concen: 47.320 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

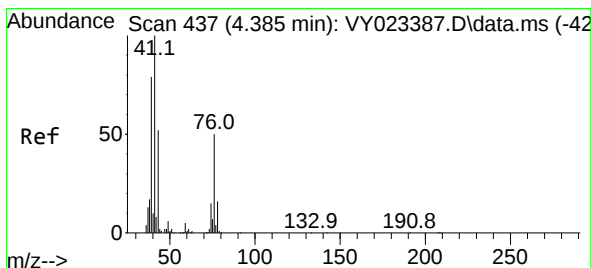
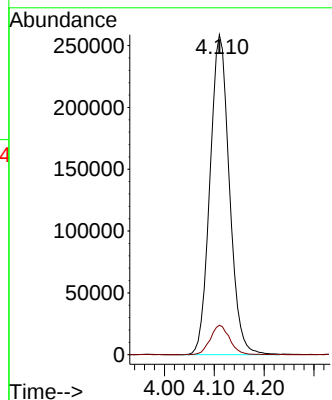
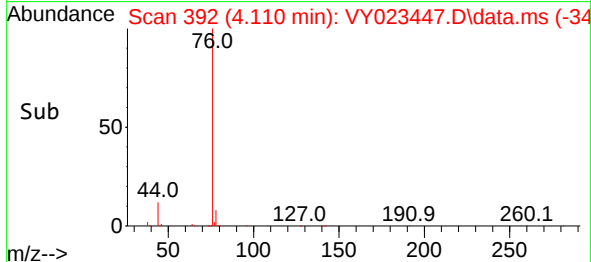
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 700704
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

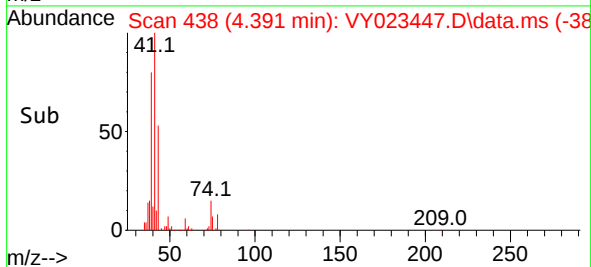
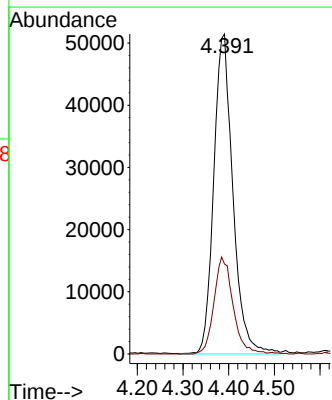
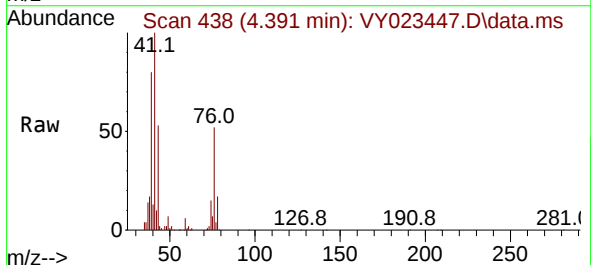
Manual Integrations
APPROVED

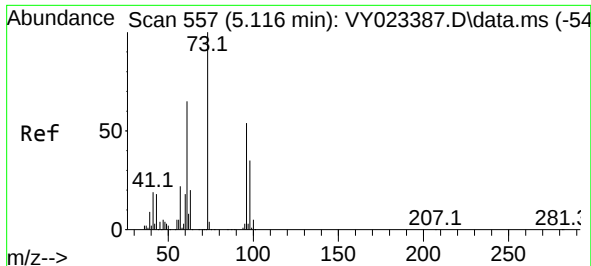
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025



#18
Methyl Acetate
Concen: 49.404 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

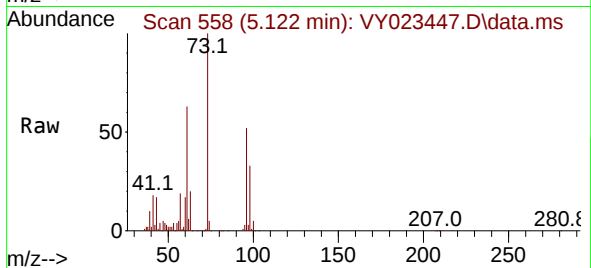
Tgt Ion: 43 Resp: 149638
Ion Ratio Lower Upper
43 100
74 30.1 24.2 36.4





#19
Methyl tert-butyl Ether
Concen: 48.713 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

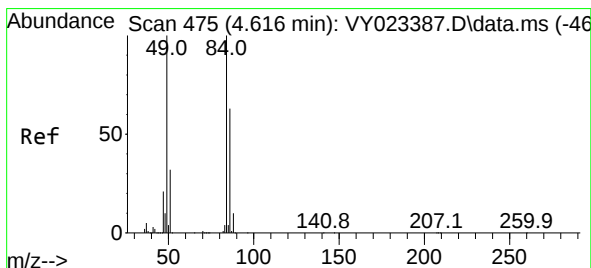
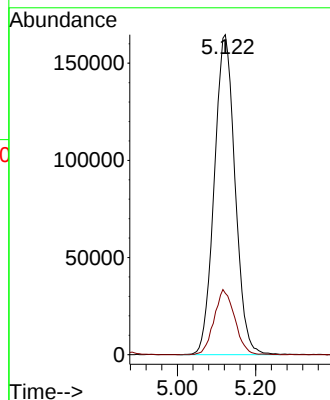
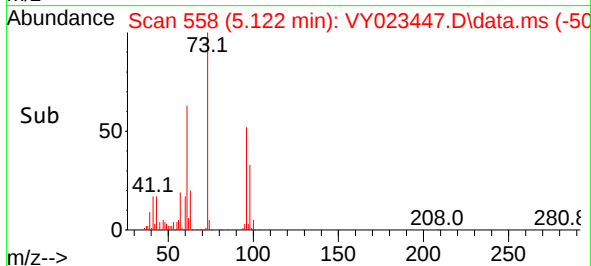
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 60572
Ion Ratio Lower Upper
73 100
57 19.2 17.4 26.0

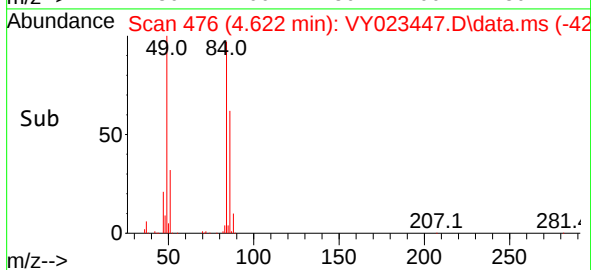
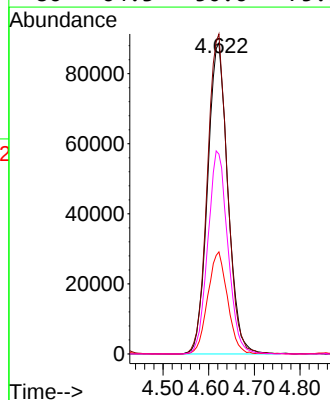
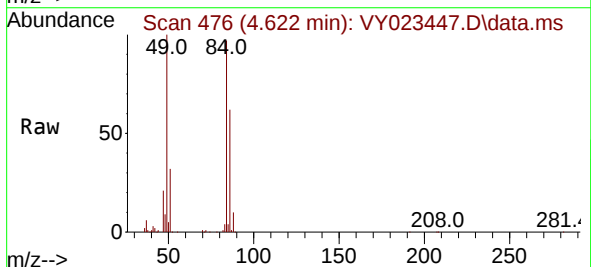
Manual Integrations
APPROVED

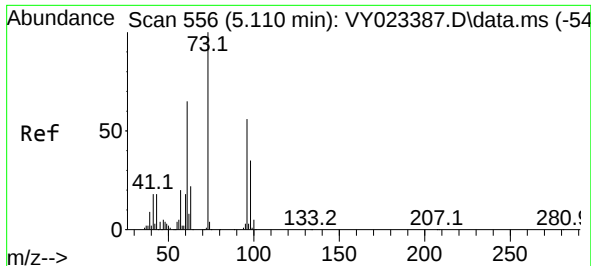
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025



#20
Methylene Chloride
Concen: 43.716 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

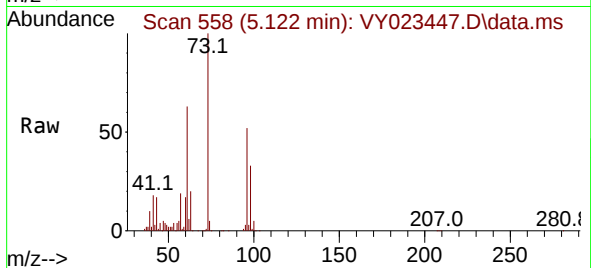
Tgt Ion: 84 Resp: 272944
Ion Ratio Lower Upper
84 100
49 102.9 80.2 120.4
51 32.9 25.9 38.9
86 64.3 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 48.771 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

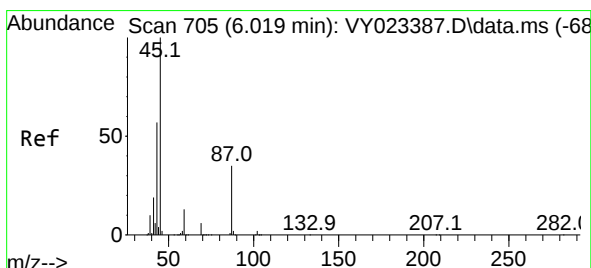
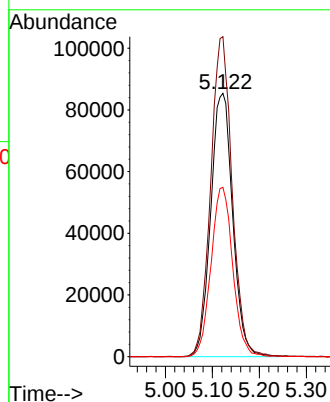
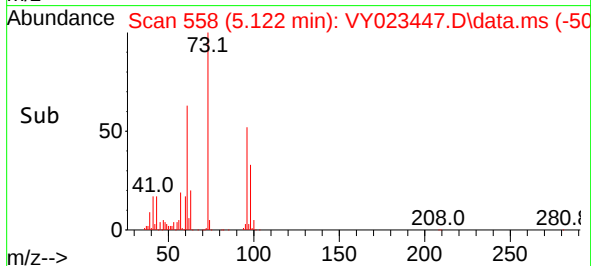
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



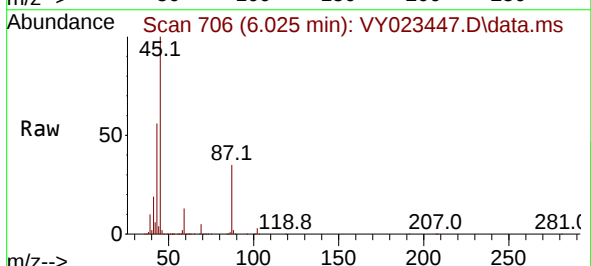
Tgt Ion: 96 Resp: 277802
Ion Ratio Lower Upper
96 100
61 121.5 92.7 139.1
98 64.3 49.7 74.5

Manual Integrations
APPROVED

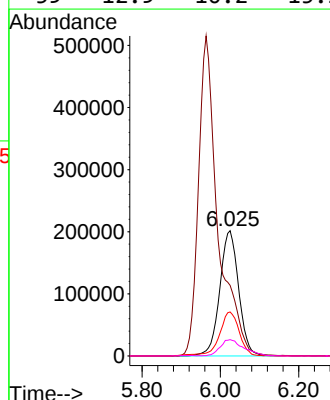
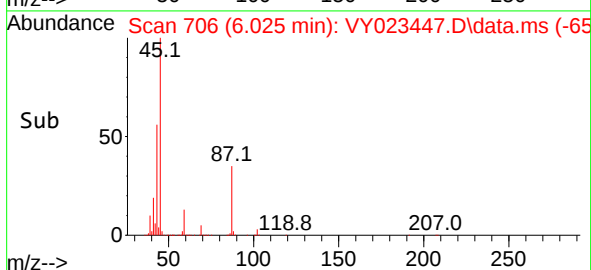
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025

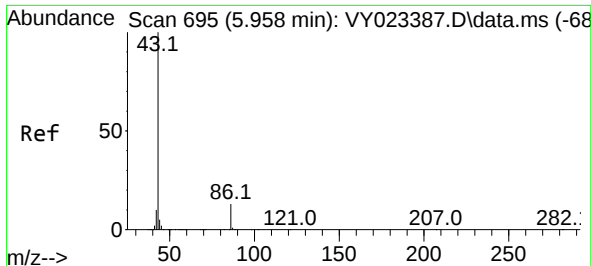


#22
Diisopropyl ether
Concen: 48.582 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53



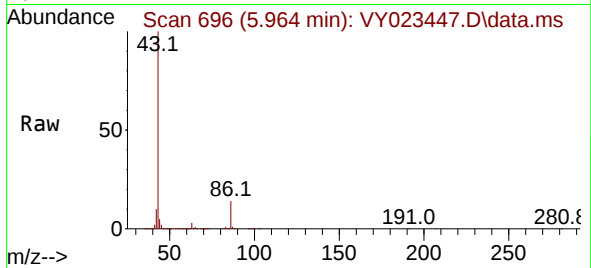
Tgt Ion: 45 Resp: 677581
Ion Ratio Lower Upper
45 100
43 56.0 45.6 68.4
87 35.1 28.1 42.1
59 12.9 10.2 15.2





#23
 Vinyl Acetate
 Concen: 236.273 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023447.D
 Acq: 13 Oct 2025 08:53

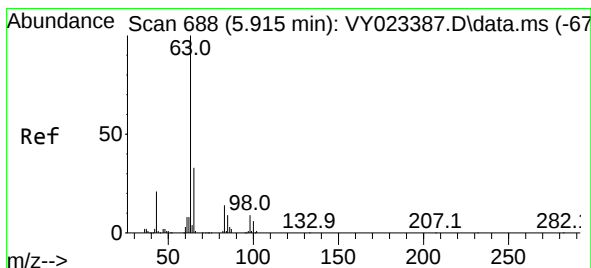
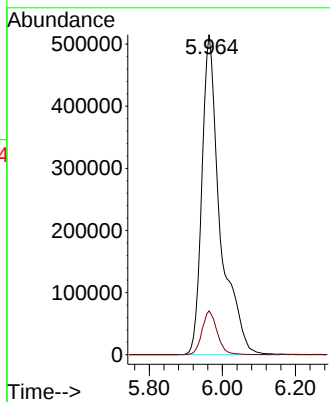
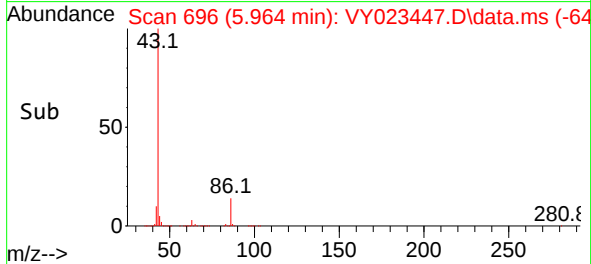
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



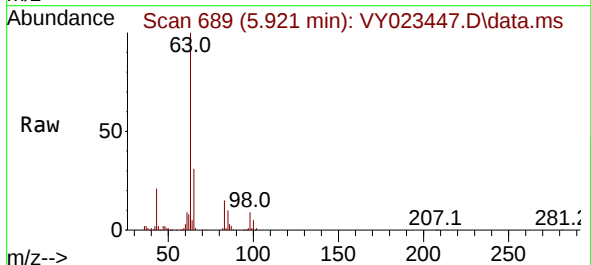
Tgt Ion: 43 Resp: 178368
 Ion Ratio Lower Upper
 43 100
 86 13.7 10.6 15.8

Manual Integrations
 APPROVED

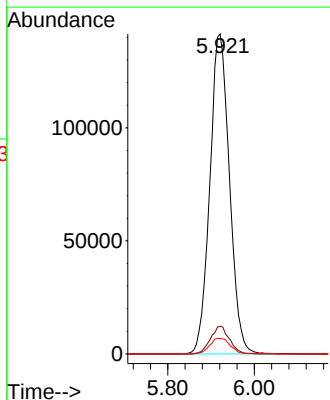
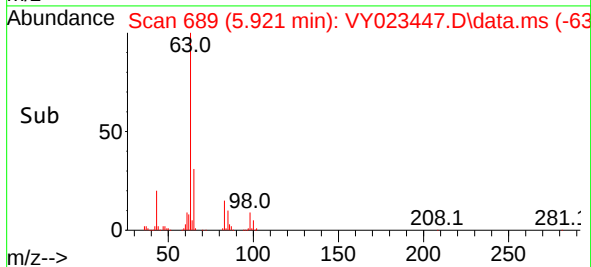
Reviewed By :Mahesh Dadoda 10/14/2025
 Supervised By :Semsettin Yesilyurt 10/14/2025

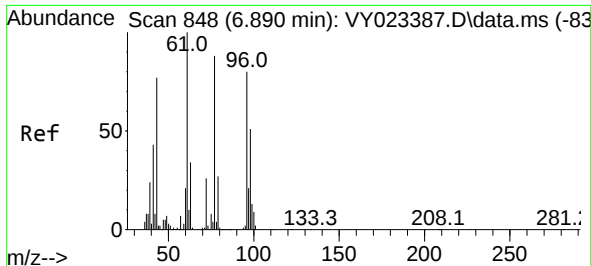


#24
 1,1-Dichloroethane
 Concen: 48.262 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023447.D
 Acq: 13 Oct 2025 08:53



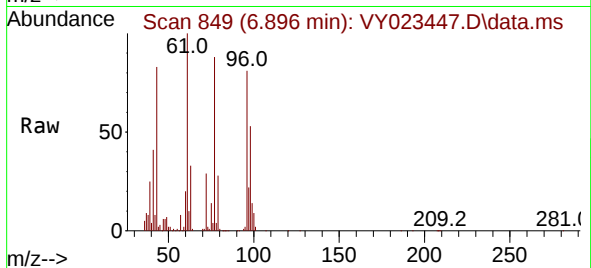
Tgt Ion: 63 Resp: 445877
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.3 13.1
 100 4.8 2.8 8.4





#25
2-Butanone
Concen: 240.765 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

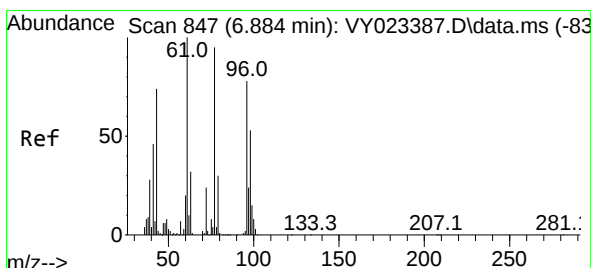
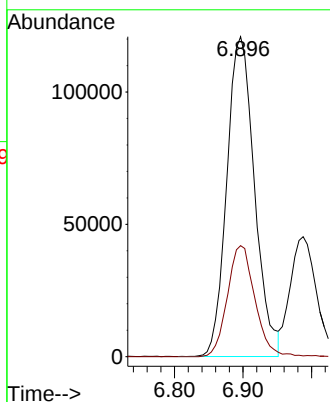
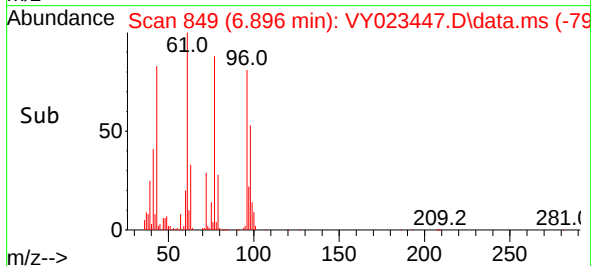
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



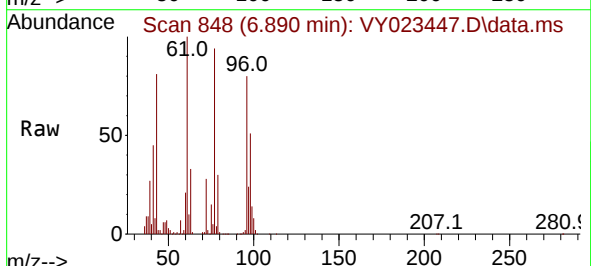
Tgt Ion: 43 Resp: 339389
Ion Ratio Lower Upper
43 100
72 34.7 27.4 41.2

Manual Integrations
APPROVED

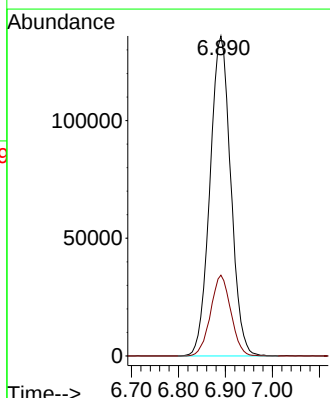
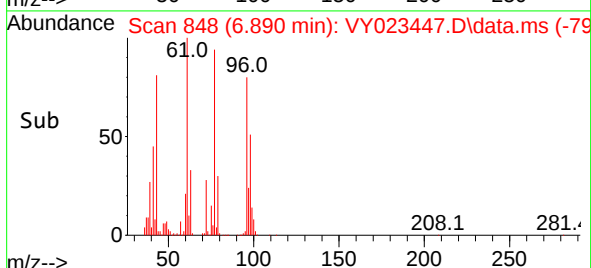
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025

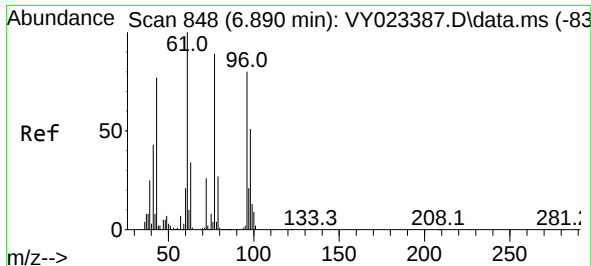


#26
2,2-Dichloropropane
Concen: 49.239 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53



Tgt Ion: 77 Resp: 417412
Ion Ratio Lower Upper
77 100
97 24.7 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 49.684 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023447.D

Acq: 13 Oct 2025 08:53

Instrument :

MSVOA_Y

ClientSampleId :

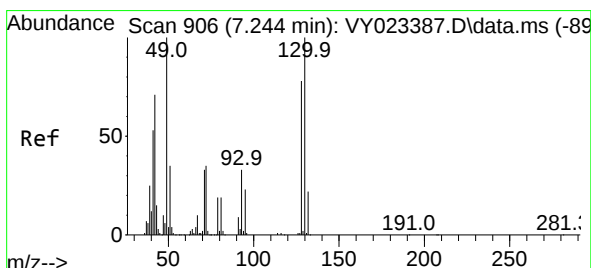
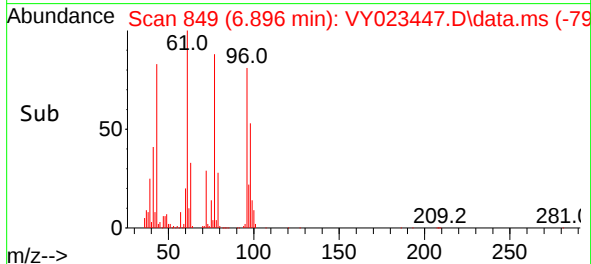
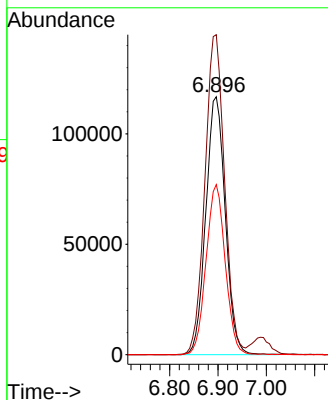
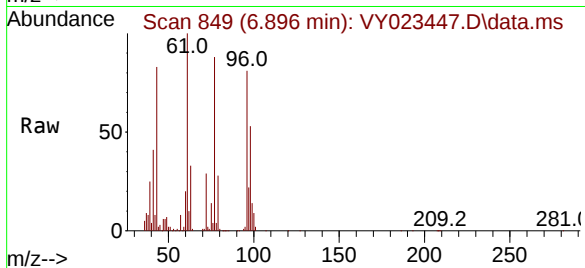
VSTDCCC050

Tgt Ion:	96	Resp:	32690
Ion	Ratio	Lower	Upper
96	100		
61	125.5	0.0	258.2
98	65.0	0.0	132.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025



#28

Bromochloromethane

Concen: 44.272 ug/l

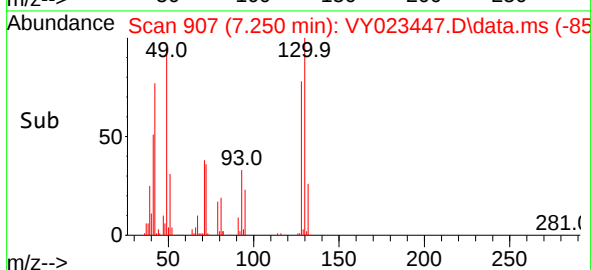
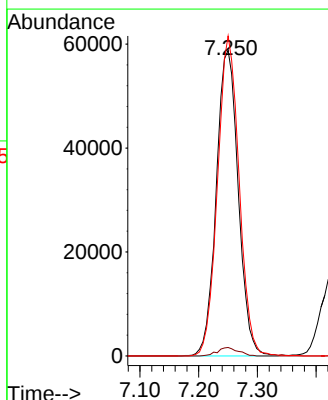
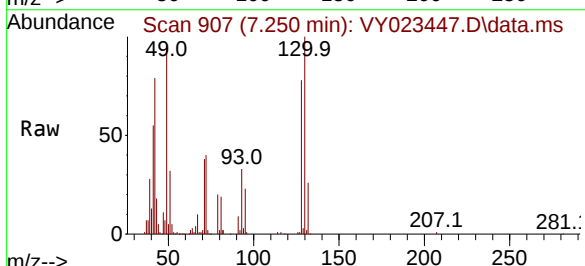
RT: 7.250 min Scan# 907

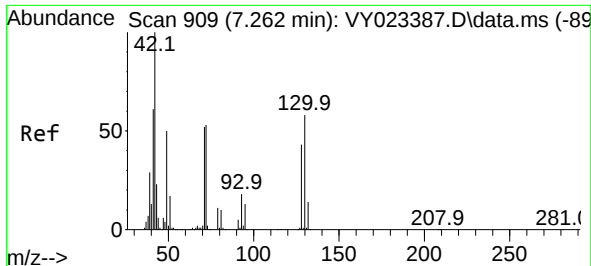
Delta R.T. 0.006 min

Lab File: VY023447.D

Acq: 13 Oct 2025 08:53

Tgt Ion:	49	Resp:	152690
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	102.8	81.9	122.9





#29

Tetrahydrofuran

Concen: 232.628 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY023447.D

Acq: 13 Oct 2025 08:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

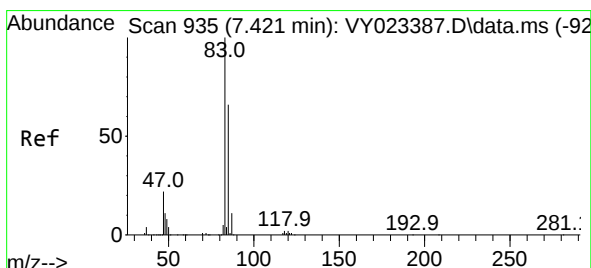
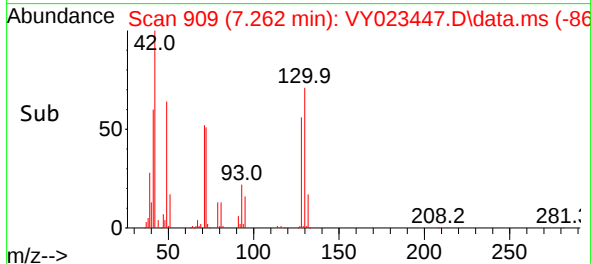
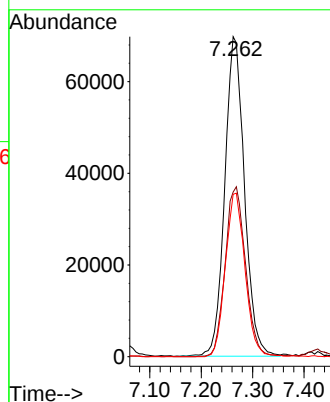
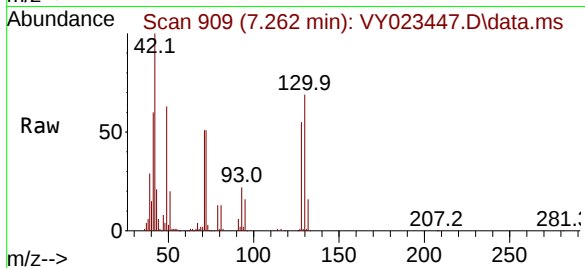
Tgt Ion: 42 Resp: 18595

Ion	Ratio	Lower	Upper
42	100		
72	55.1	43.0	64.6
71	51.1	40.1	60.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025



#30

Chloroform

Concen: 49.331 ug/l

RT: 7.427 min Scan# 936

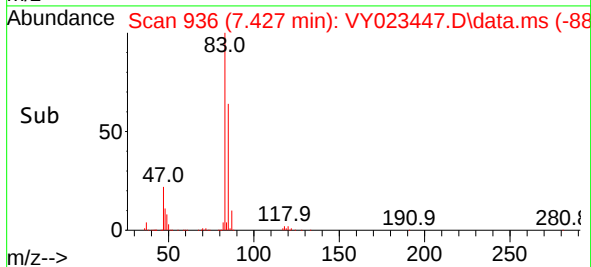
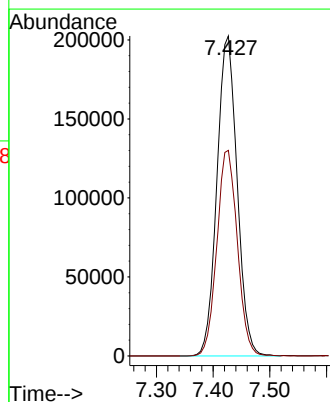
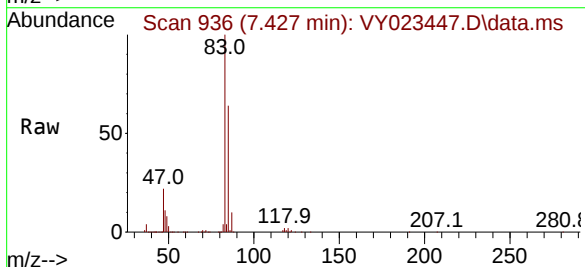
Delta R.T. 0.006 min

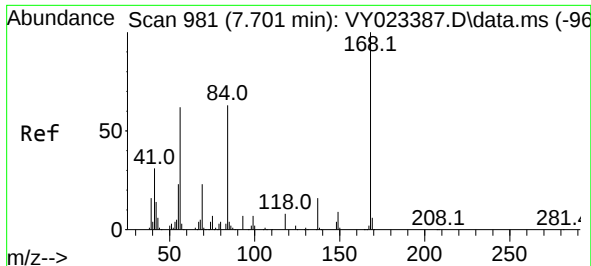
Lab File: VY023447.D

Acq: 13 Oct 2025 08:53

Tgt Ion: 83 Resp: 500735

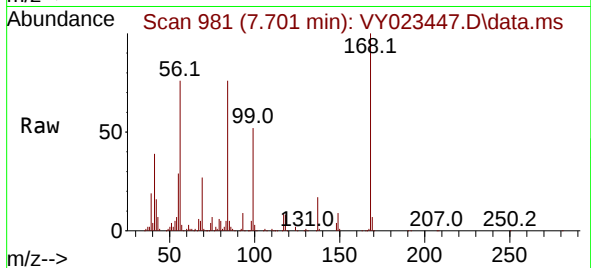
Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.5	78.7





#31
Cyclohexane
Concen: 44.526 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

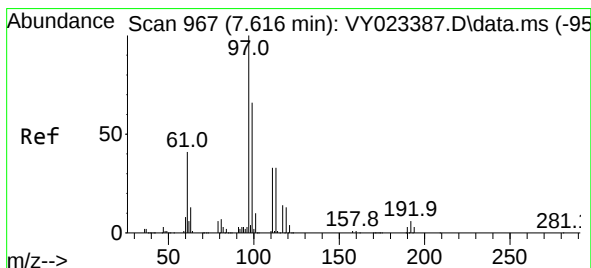
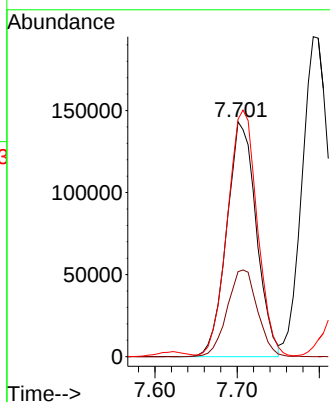
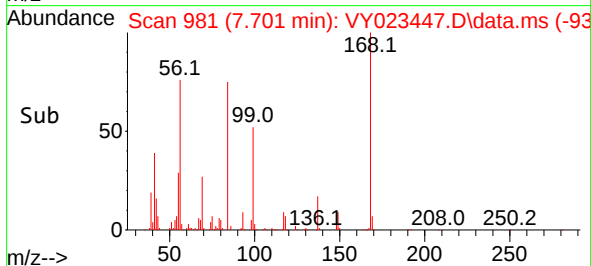
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



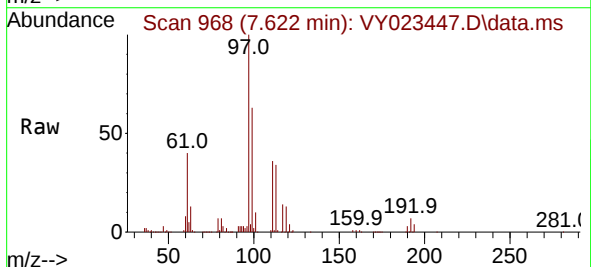
Tgt Ion: 56 Resp: 359238
Ion Ratio Lower Upper
56 100
69 36.1 30.0 45.0
84 99.2 81.2 121.8

Manual Integrations
APPROVED

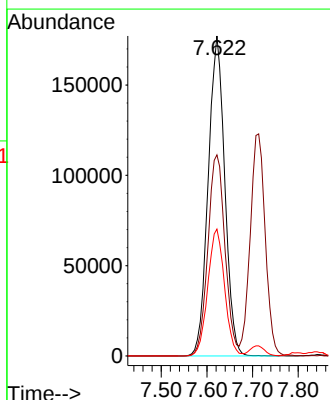
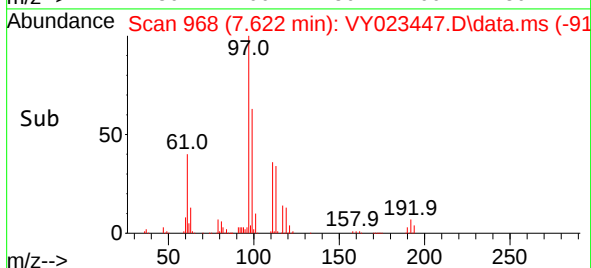
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025

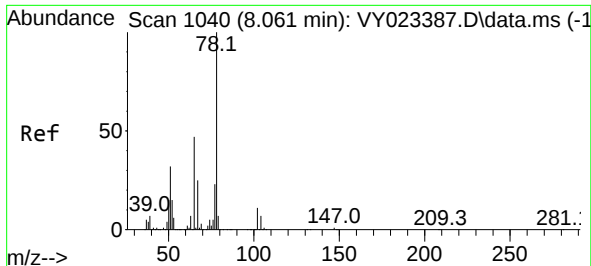


#32
1,1,1-Trichloroethane
Concen: 48.530 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53



Tgt Ion: 97 Resp: 447661
Ion Ratio Lower Upper
97 100
99 64.9 51.4 77.2
61 40.2 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 45.448 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY023447.D

Acq: 13 Oct 2025 08:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 220424

Ion Ratio Lower Upper

65 100

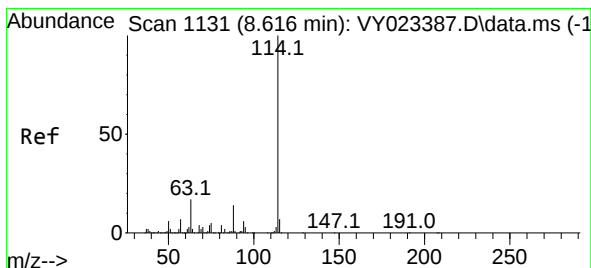
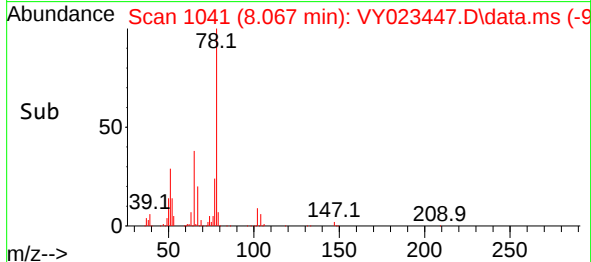
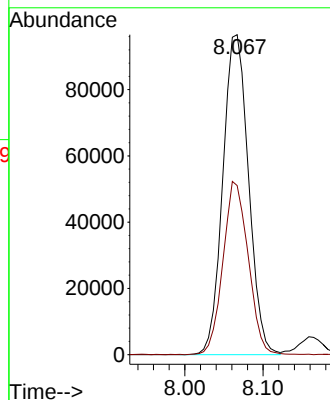
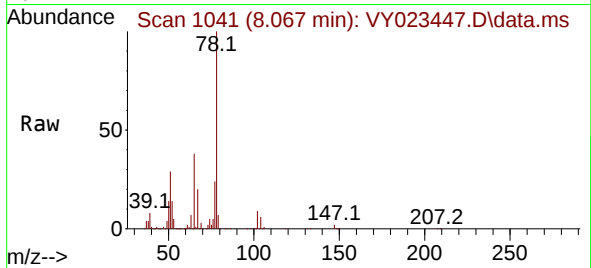
67 53.2 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2025

Supervised By :Semsettin Yesilyurt 10/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023447.D

Acq: 13 Oct 2025 08:53

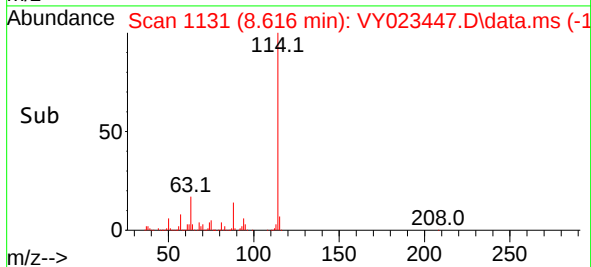
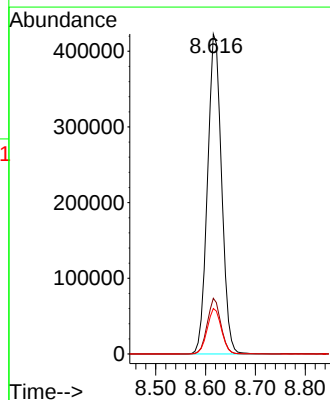
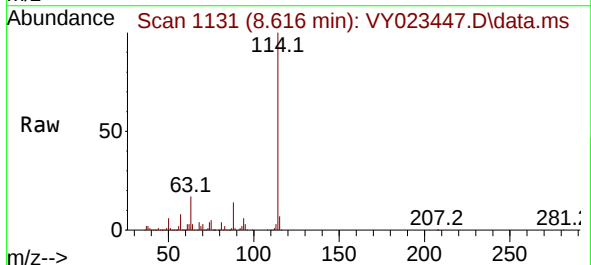
Tgt Ion:114 Resp: 827529

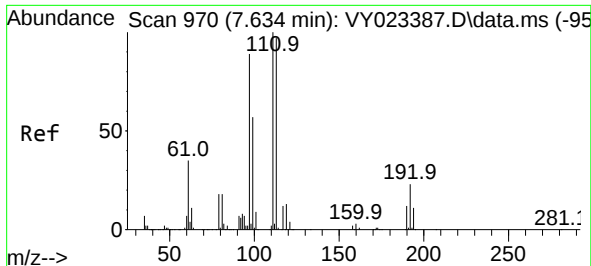
Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.2

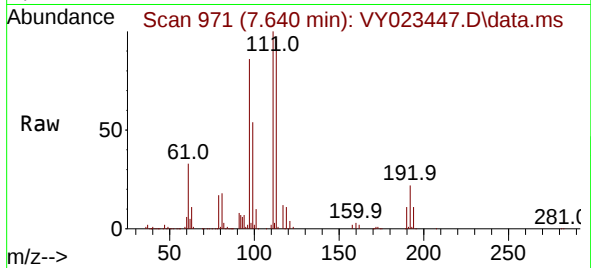
88 14.2 0.0 28.4





#35
Dibromofluoromethane
Concen: 48.710 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

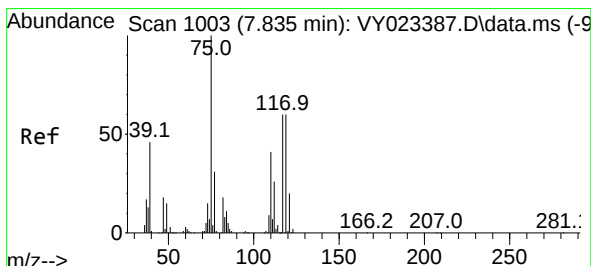
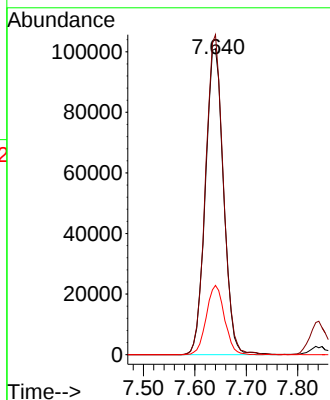
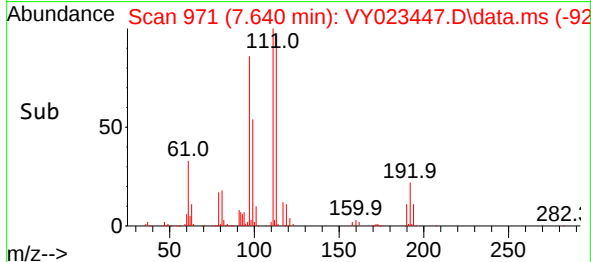
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



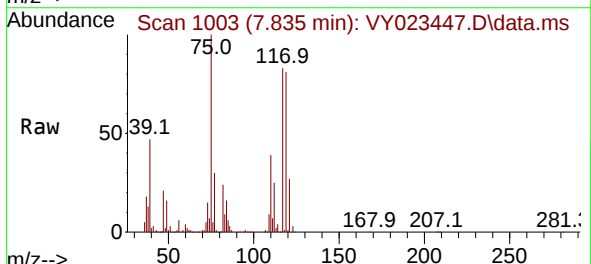
Tgt Ion:113 Resp: 24767
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.6
192 22.6 18.0 27.0

Manual Integrations
APPROVED

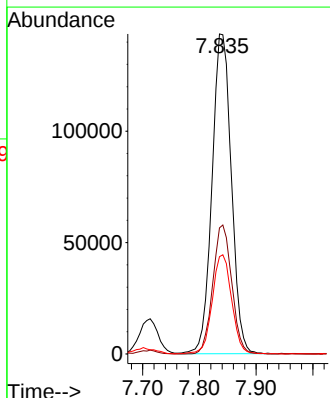
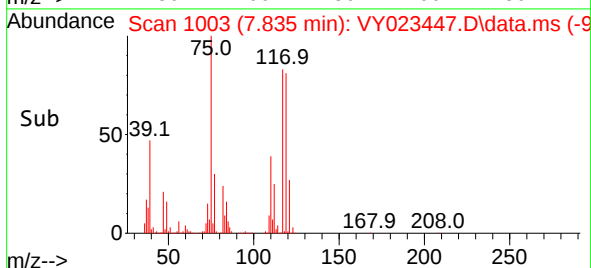
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025

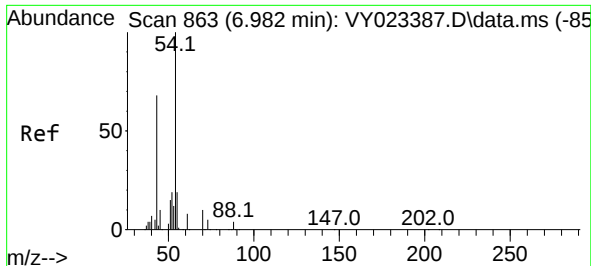


#36
1,1-Dichloropropene
Concen: 50.513 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53



Tgt Ion: 75 Resp: 340037
Ion Ratio Lower Upper
75 100
110 39.5 19.9 59.7
77 31.0 25.0 37.6





#37

Ethyl Acetate

Concen: 46.250 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023447.D

Acq: 13 Oct 2025 08:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 123345

Ion Ratio Lower Upper

43 100

61 16.6 11.8 17.8

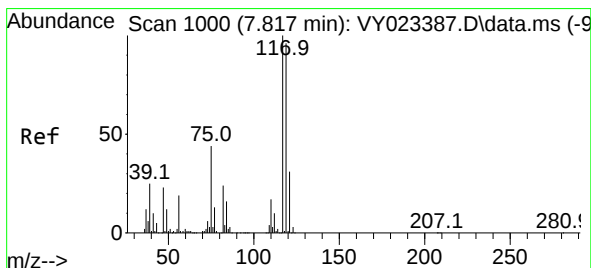
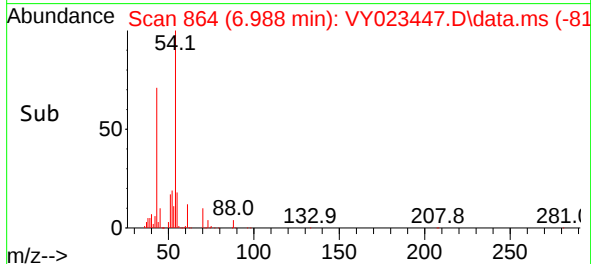
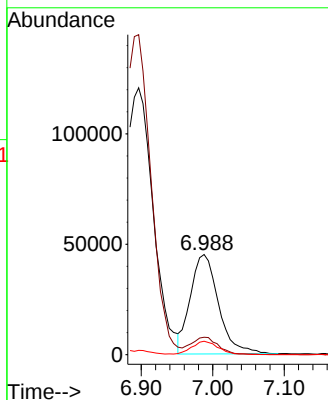
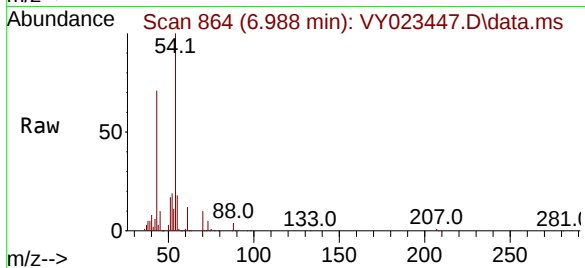
70 12.9 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2025

Supervised By :Semsettin Yesilyurt 10/14/2025



#38

Carbon Tetrachloride

Concen: 49.915 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023447.D

Acq: 13 Oct 2025 08:53

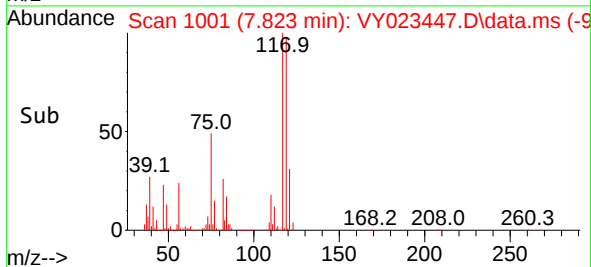
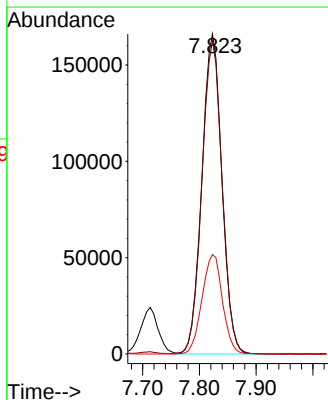
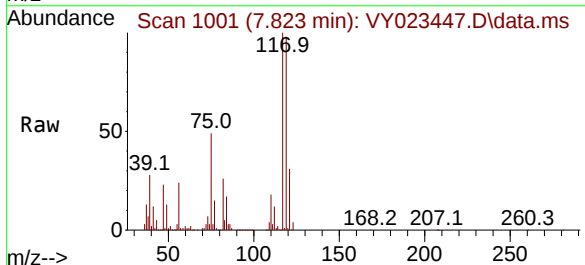
Tgt Ion:117 Resp: 407435

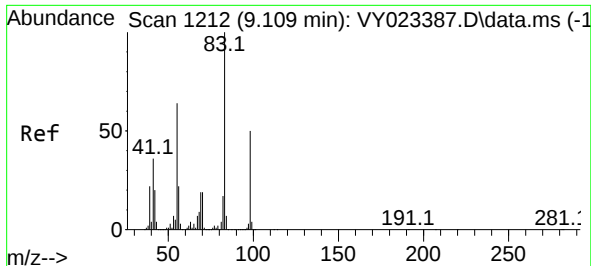
Ion Ratio Lower Upper

117 100

119 97.9 76.8 115.2

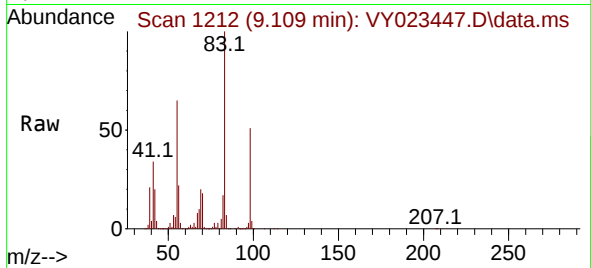
121 31.1 24.5 36.7





#39
Methylcyclohexane
Concen: 50.375 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

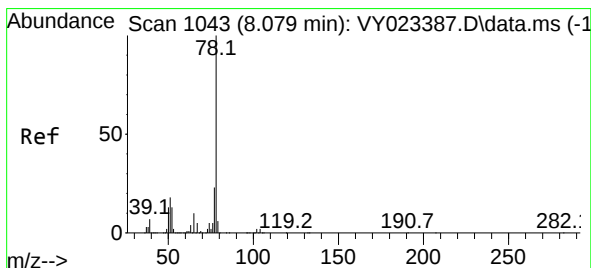
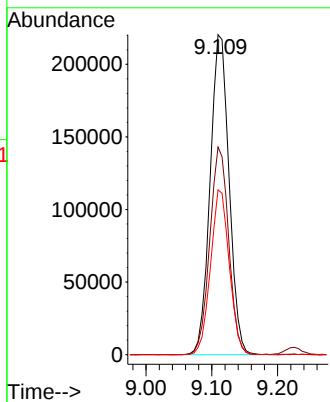
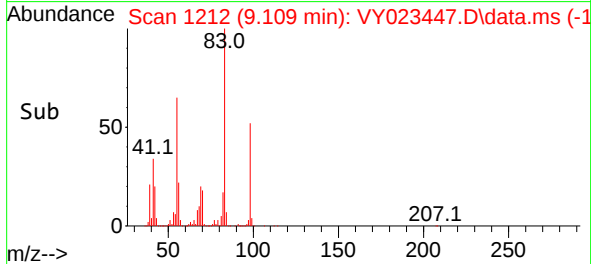
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



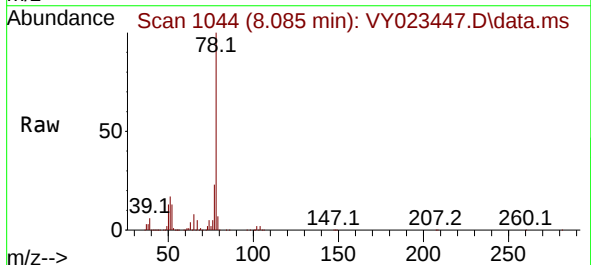
Tgt Ion: 83 Resp: 441520
Ion Ratio Lower Upper
83 100
55 64.9 51.4 77.2
98 51.5 40.4 60.6

Manual Integrations
APPROVED

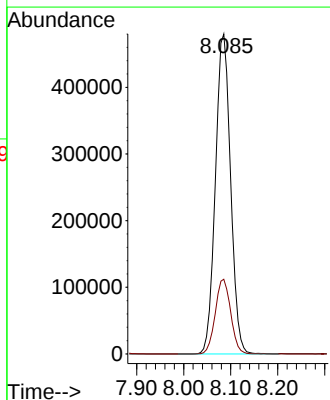
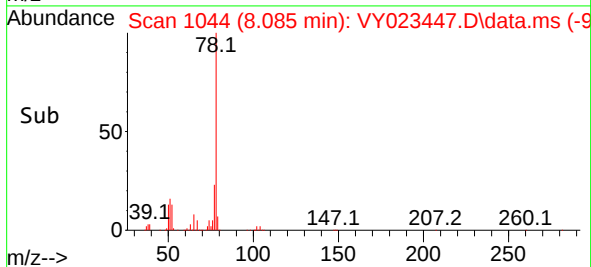
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025

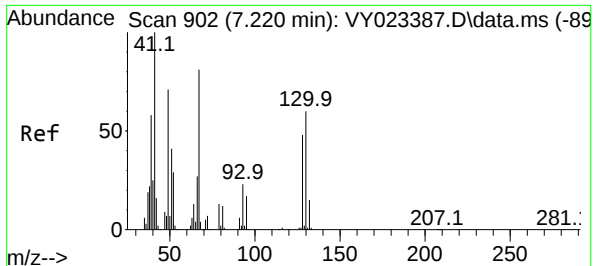


#40
Benzene
Concen: 50.589 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53



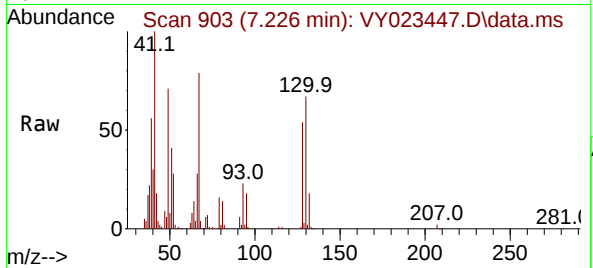
Tgt Ion: 78 Resp: 1078488
Ion Ratio Lower Upper
78 100
77 23.3 18.3 27.5





#41
Methacrylonitrile
Concen: 49.622 ug/l m
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

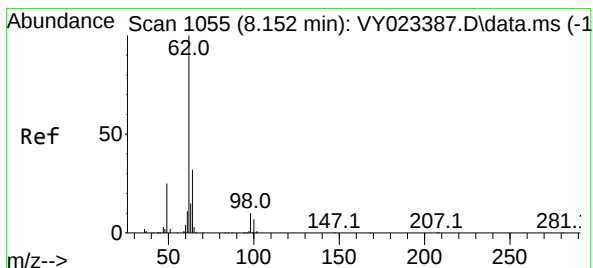
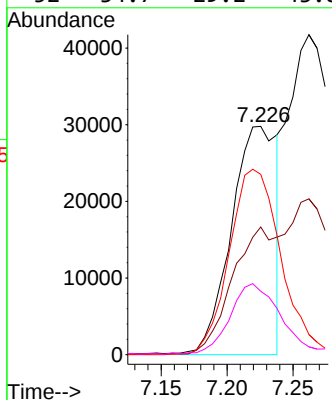
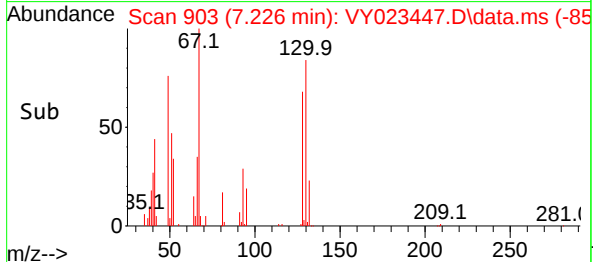
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 71574
Ion Ratio Lower Upper
41 100
39 46.1 52.2 78.4
67 93.0 74.9 112.3
52 34.7 29.2 43.8

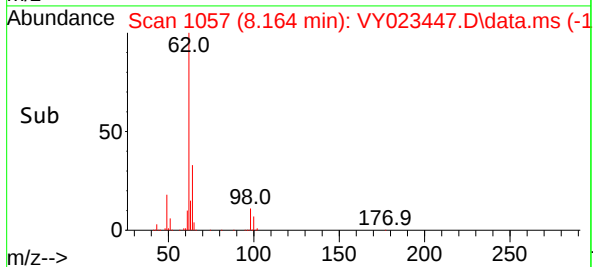
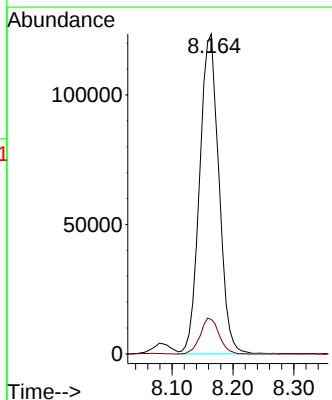
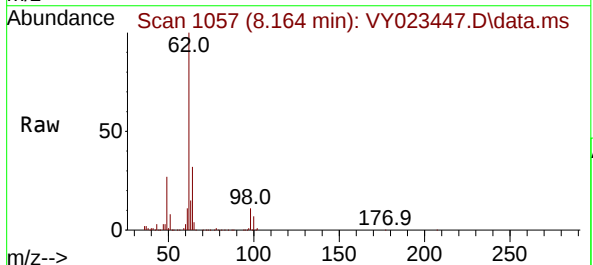
Manual Integrations
APPROVED

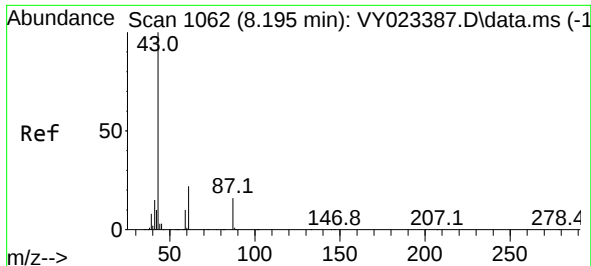
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025



#42
1,2-Dichloroethane
Concen: 49.306 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

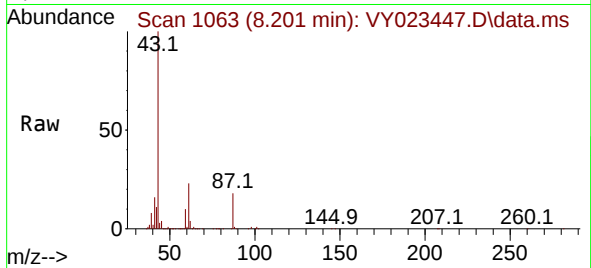
Tgt Ion: 62 Resp: 271092
Ion Ratio Lower Upper
62 100
98 11.0 0.0 21.6





#43
Isopropyl Acetate
Concen: 47.444 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

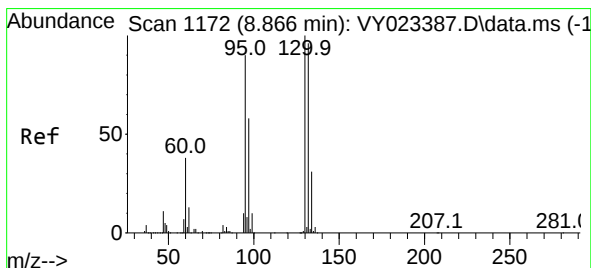
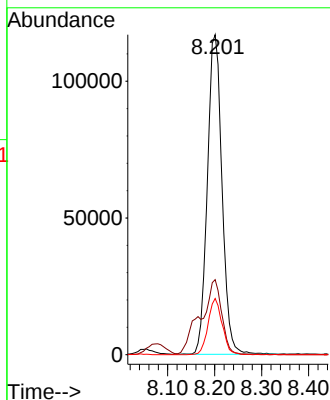
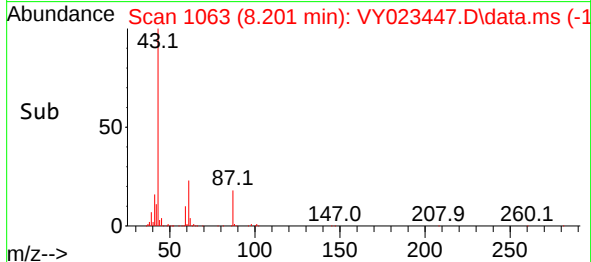
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



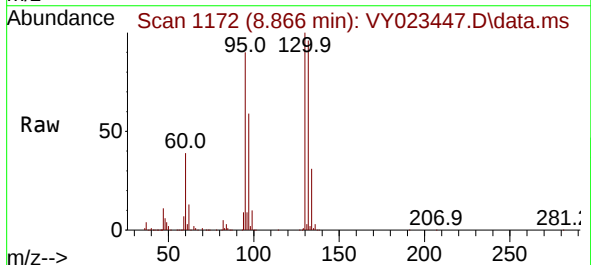
Tgt Ion: 43 Resp: 25230
Ion Ratio Lower Upper
43 100
61 33.5 18.1 27.1
87 17.0 13.5 20.3

Manual Integrations
APPROVED

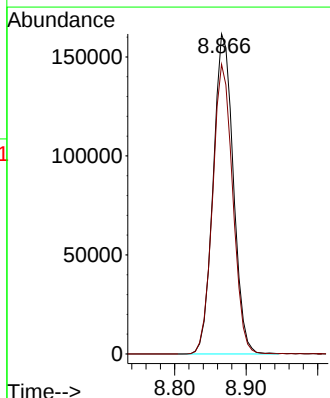
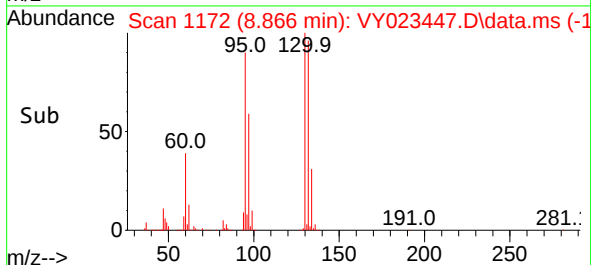
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025

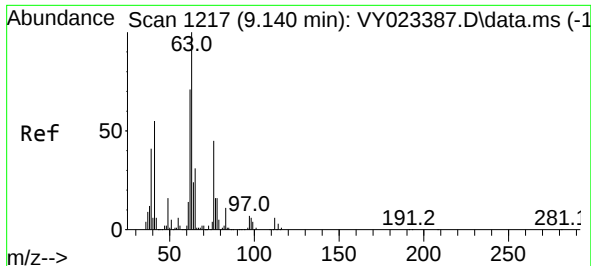


#44
Trichloroethene
Concen: 50.575 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53



Tgt Ion:130 Resp: 315576
Ion Ratio Lower Upper
130 100
95 90.5 0.0 180.6





#45

1,2-Dichloropropane

Concen: 50.544 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023447.D

Acq: 13 Oct 2025 08:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 238004

Ion Ratio Lower Upper

63 100

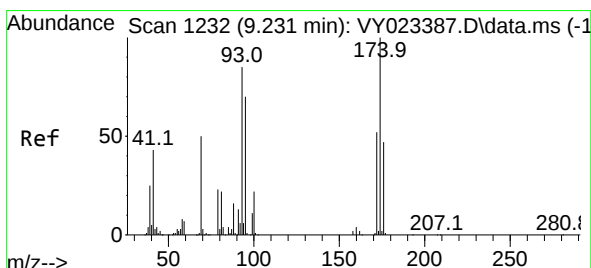
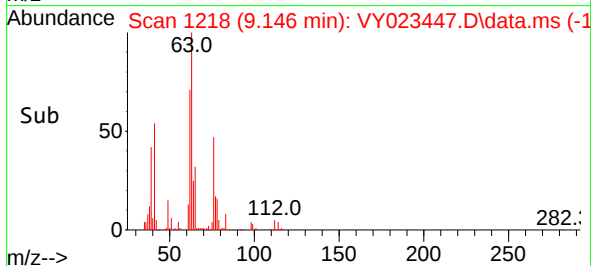
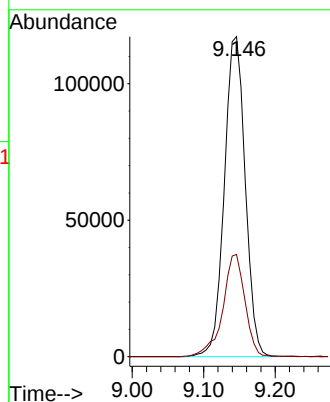
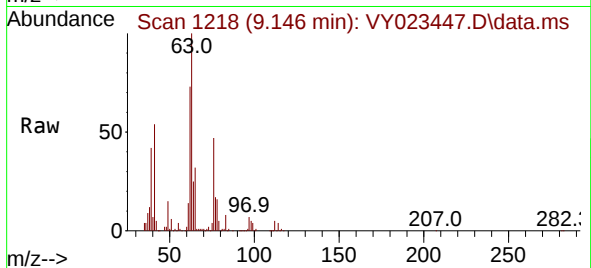
65 32.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2025

Supervised By :Semsettin Yesilyurt 10/14/2025



#46

Dibromomethane

Concen: 50.599 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023447.D

Acq: 13 Oct 2025 08:53

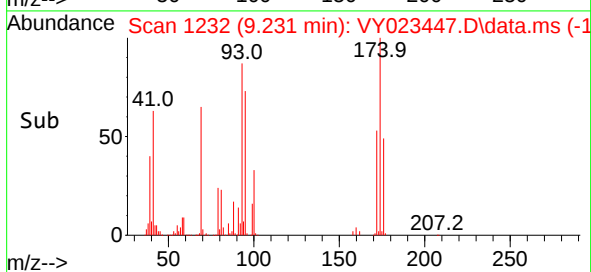
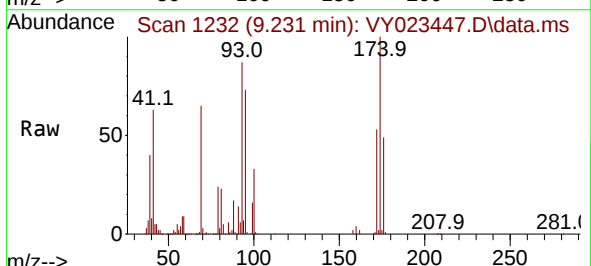
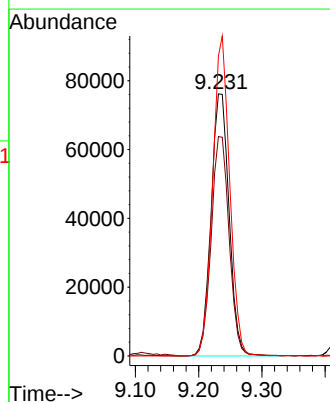
Tgt Ion: 93 Resp: 150661

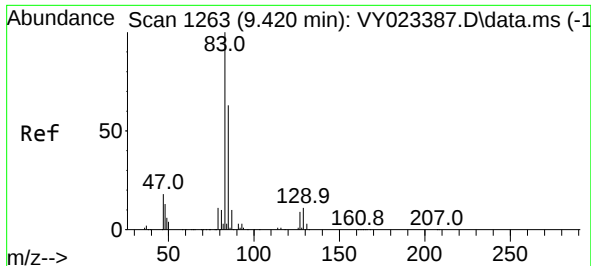
Ion Ratio Lower Upper

93 100

95 83.4 65.4 98.0

174 115.3 92.9 139.3





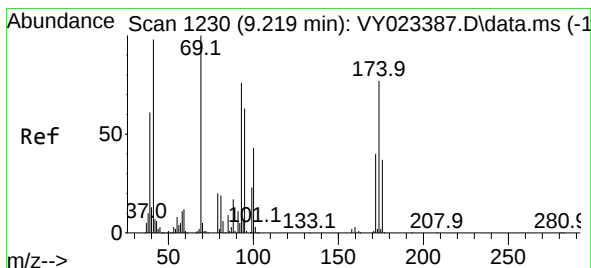
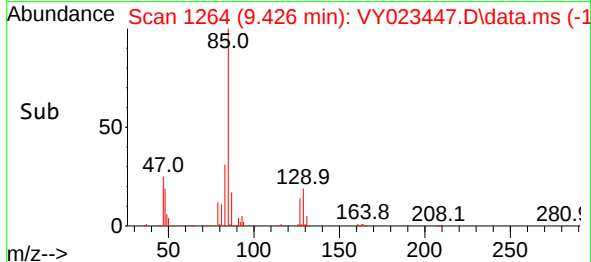
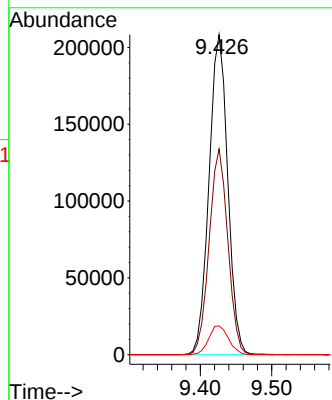
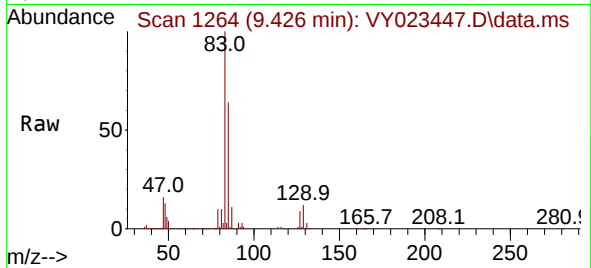
#47
Bromodichloromethane
Concen: 50.554 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 379102
Ion Ratio Lower Upper
83 100
85 64.3 50.8 76.2
127 9.0 7.4 11.2

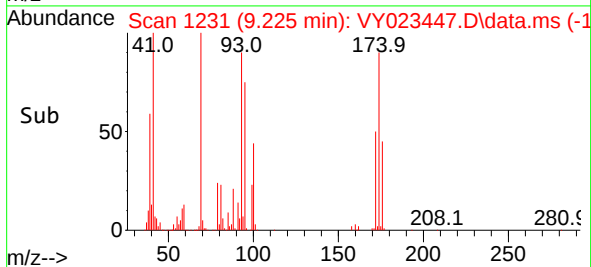
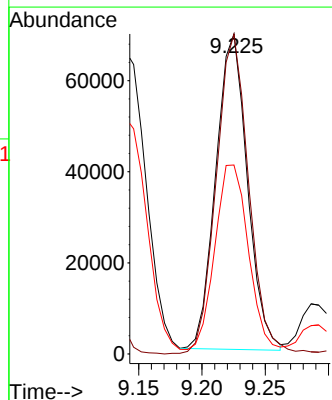
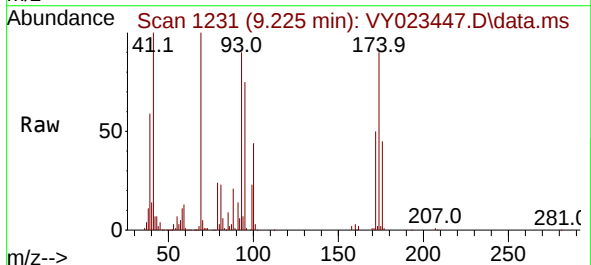
Manual Integrations
APPROVED

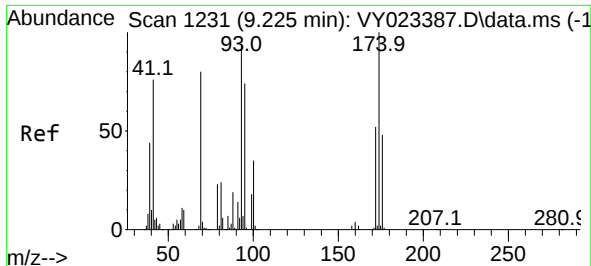
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025



#48
Methyl methacrylate
Concen: 47.976 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

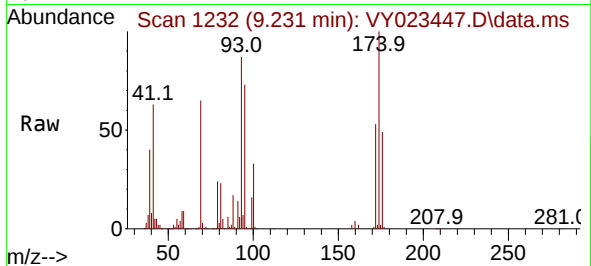
Tgt Ion: 41 Resp: 119858
Ion Ratio Lower Upper
41 100
69 104.8 81.0 121.4
39 61.9 48.2 72.4





#49
1,4-Dioxane
Concen: 943.598 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

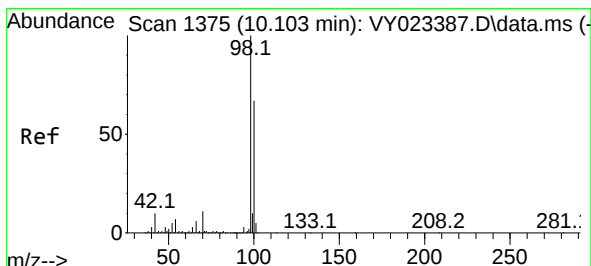
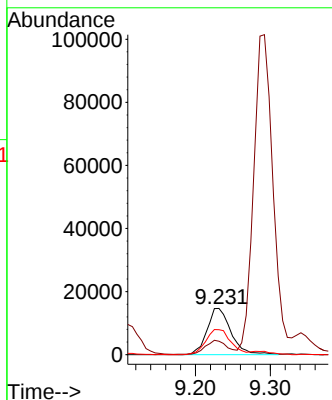
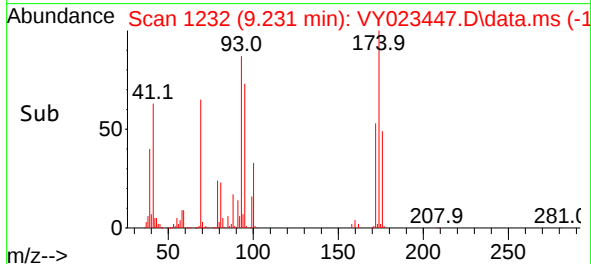
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



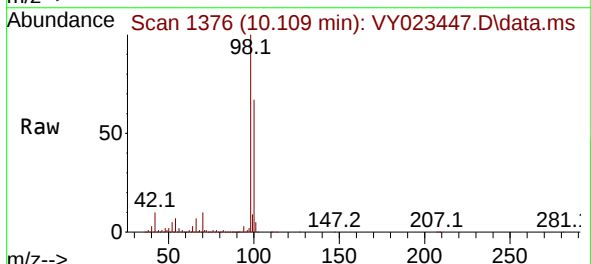
Tgt Ion: 88 Resp: 3257
Ion Ratio Lower Upper
88 100
43 27.8 21.8 32.8
58 57.4 46.8 70.2

Manual Integrations
APPROVED

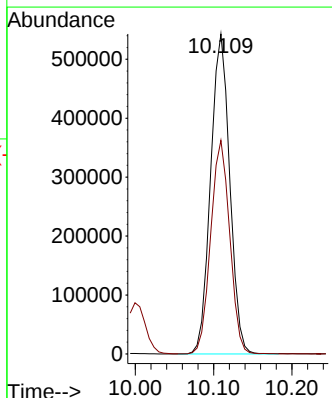
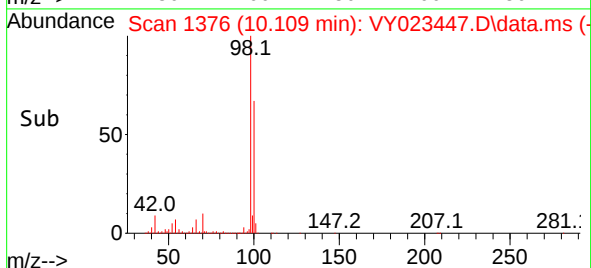
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025

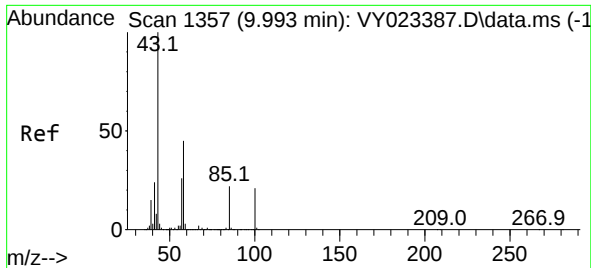


#50
Toluene-d8
Concen: 48.538 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53



Tgt Ion: 98 Resp: 919127
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4





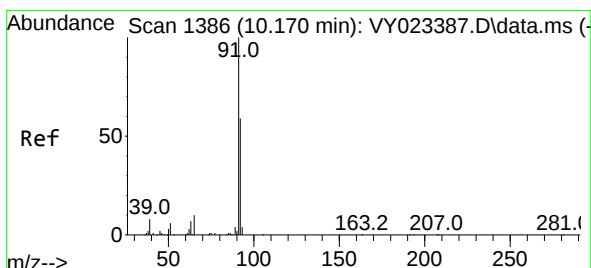
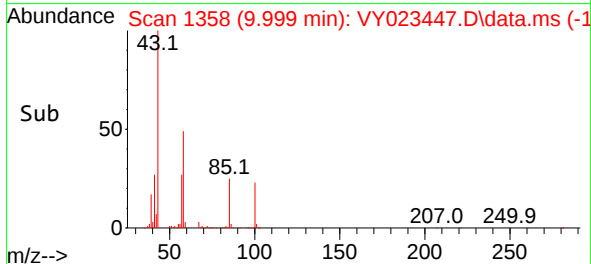
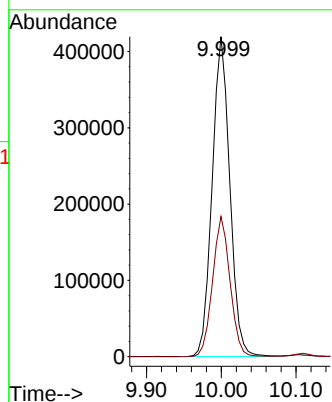
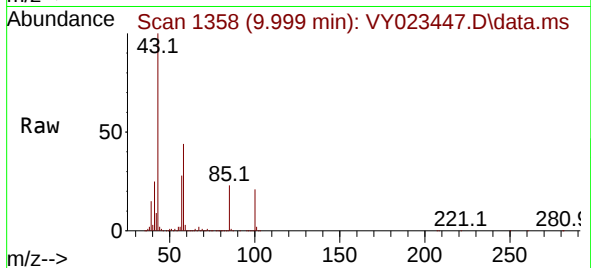
#51
4-Methyl-2-Pentanone
Concen: 251.195 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 690179
Ion Ratio Lower Upper
43 100
58 43.4 35.3 52.9

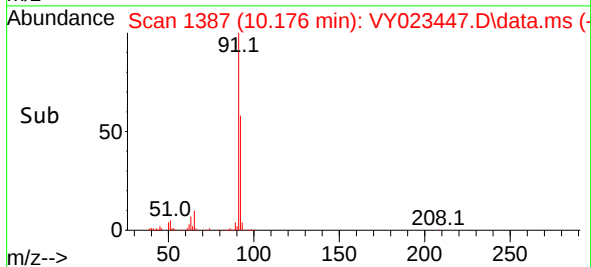
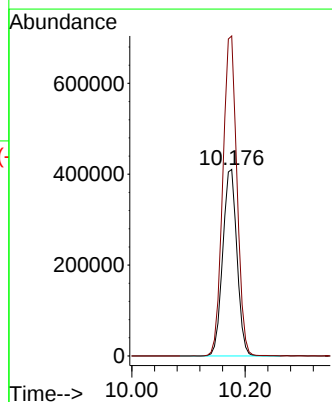
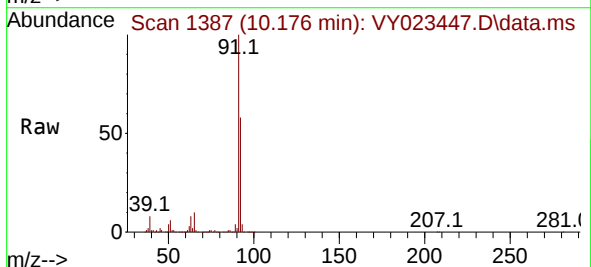
Manual Integrations
APPROVED

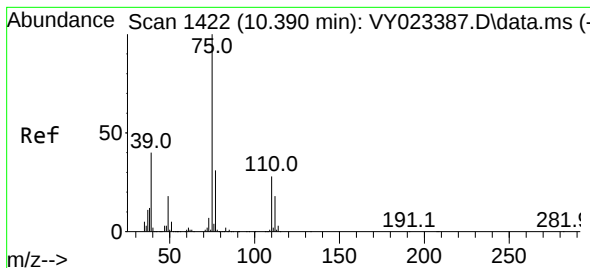
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025



#52
Toluene
Concen: 51.487 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

Tgt Ion: 92 Resp: 712678
Ion Ratio Lower Upper
92 100
91 171.1 136.4 204.6





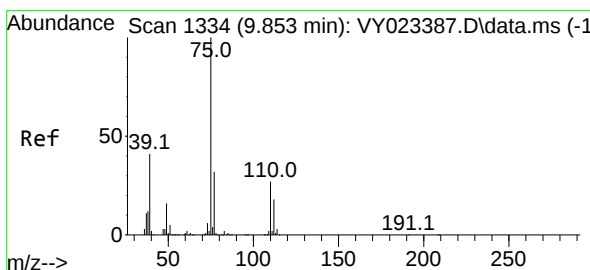
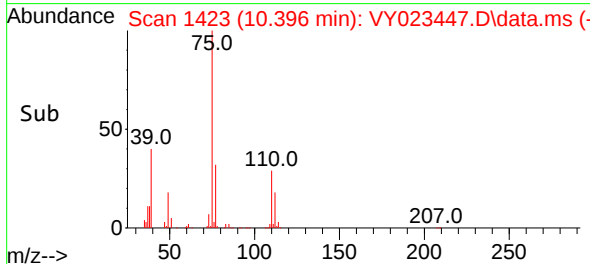
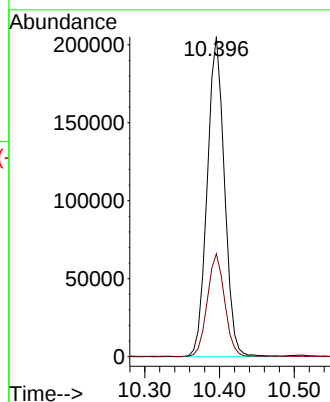
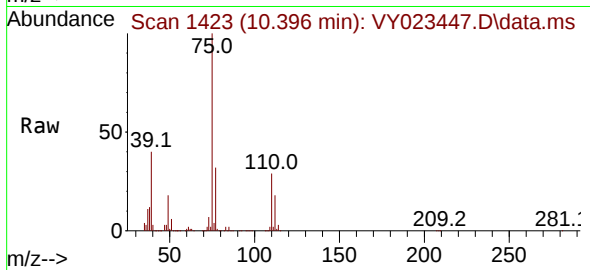
#53
t-1,3-Dichloropropene
Concen: 50.541 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 32955
Ion Ratio Lower Upper
75 100
77 32.1 25.1 37.7

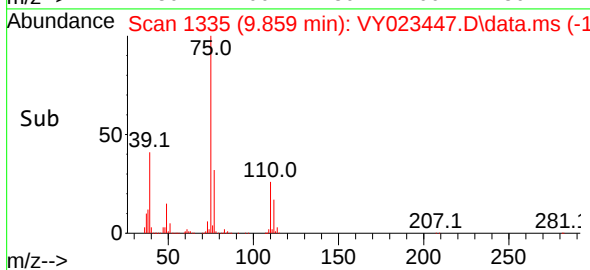
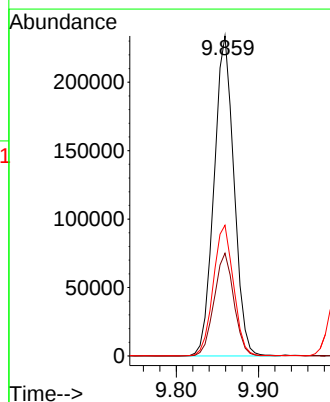
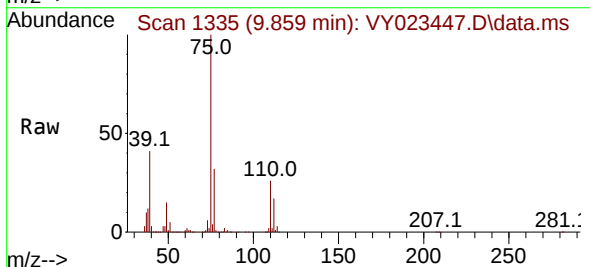
Manual Integrations
APPROVED

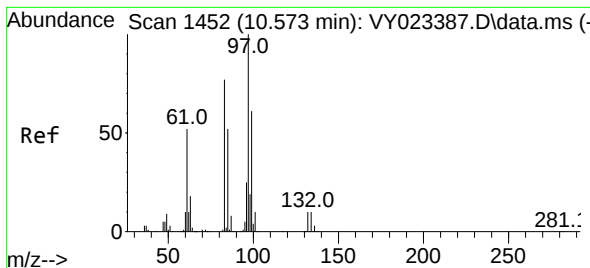
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025



#54
cis-1,3-Dichloropropene
Concen: 51.171 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

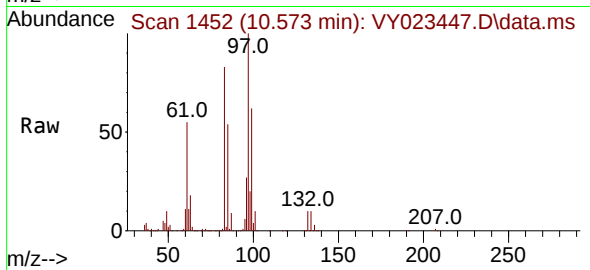
Tgt Ion: 75 Resp: 393799
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0
39 40.8 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 50.789 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

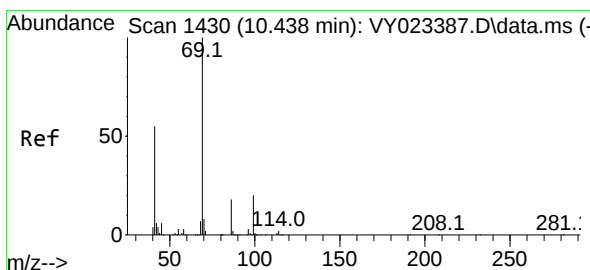
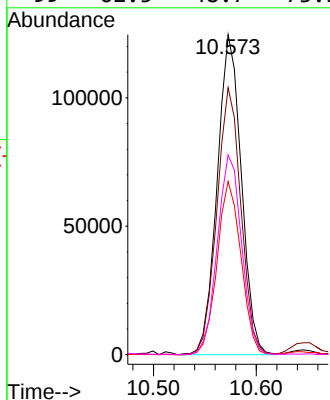
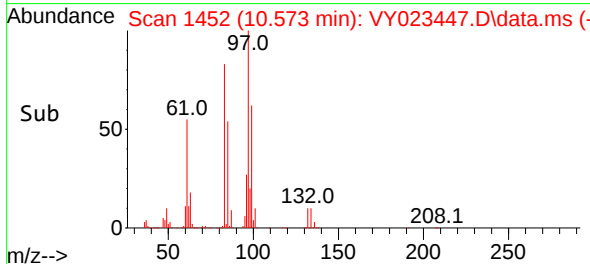
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



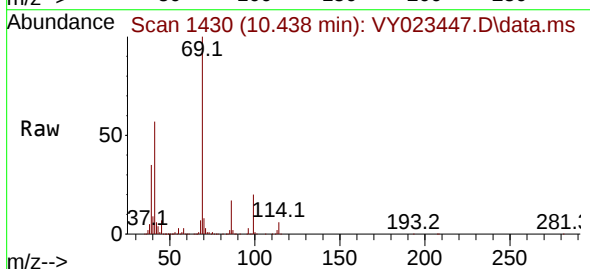
Tgt Ion: 97 Resp: 203358
Ion Ratio Lower Upper
97 100
83 83.4 61.8 92.6
85 54.2 41.3 61.9
99 62.5 48.7 73.1

Manual Integrations
APPROVED

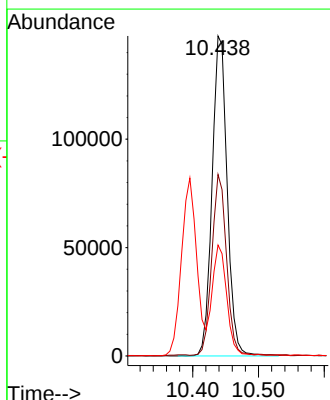
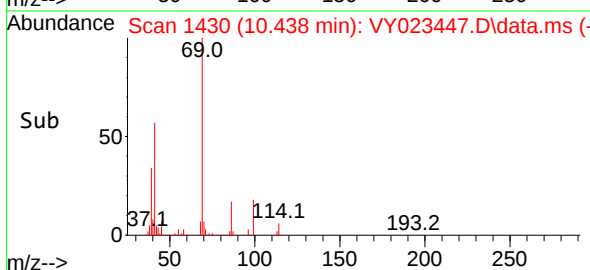
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025

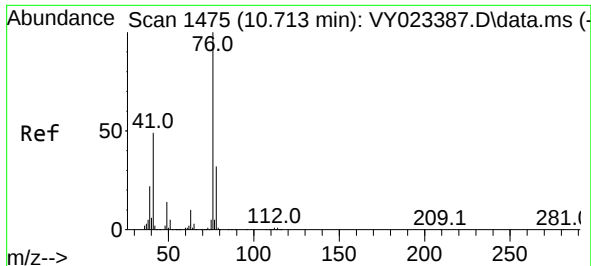


#56
Ethyl methacrylate
Concen: 51.052 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53



Tgt Ion: 69 Resp: 235791
Ion Ratio Lower Upper
69 100
41 54.9 44.6 67.0
39 32.8 27.0 40.4





#57

1,3-Dichloropropane

Concen: 50.549 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023447.D

Acq: 13 Oct 2025 08:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 320725

Ion Ratio Lower Upper

76 100

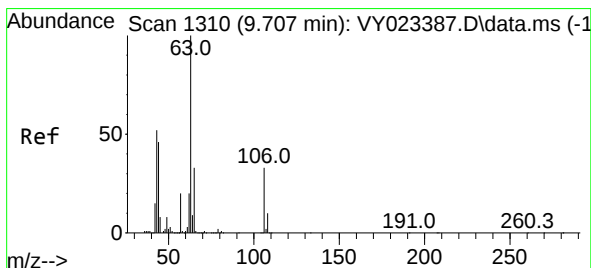
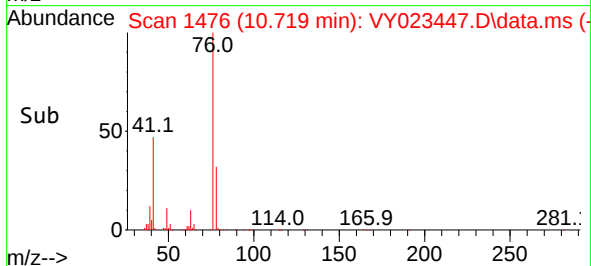
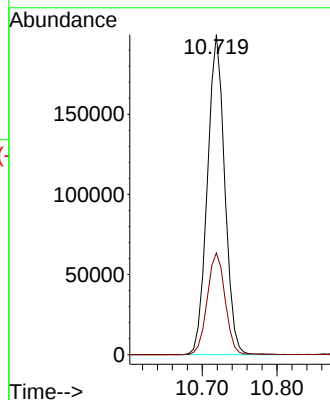
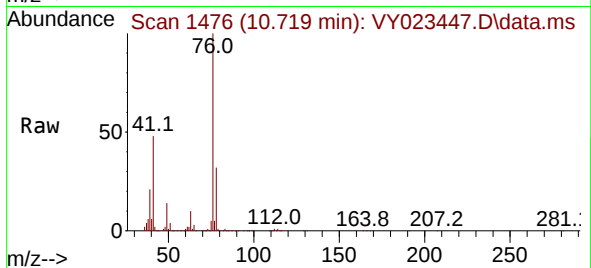
78 32.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2025

Supervised By :Semsettin Yesilyurt 10/14/2025



#58

2-Chloroethyl Vinyl ether

Concen: 258.622 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023447.D

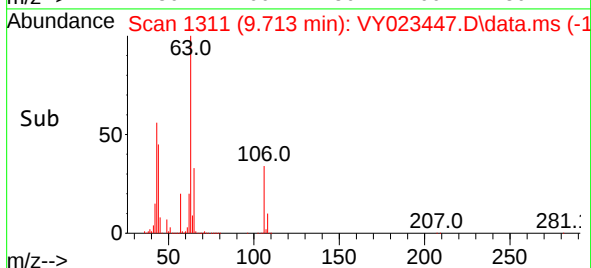
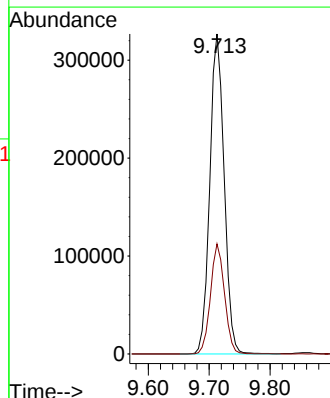
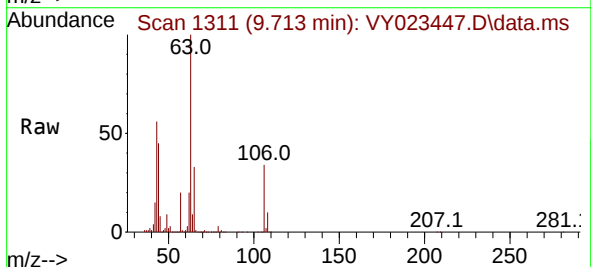
Acq: 13 Oct 2025 08:53

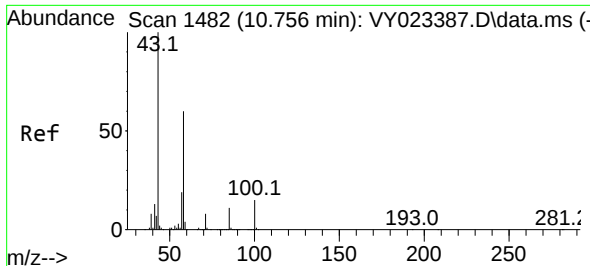
Tgt Ion: 63 Resp: 535101

Ion Ratio Lower Upper

63 100

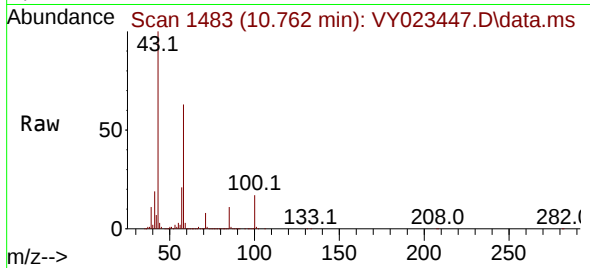
106 33.6 26.6 39.8





#59
2-Hexanone
Concen: 257.254 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

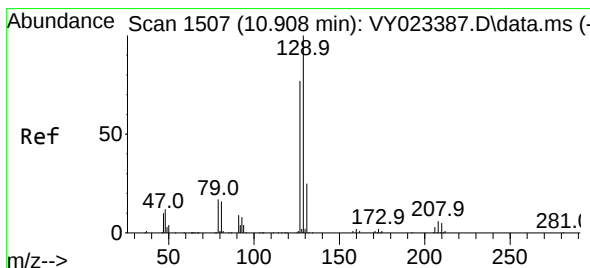
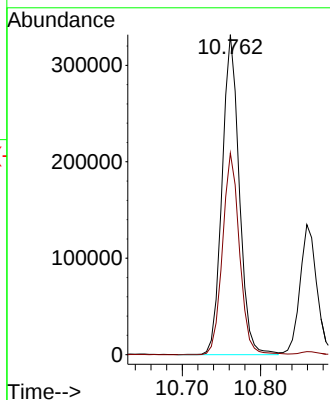
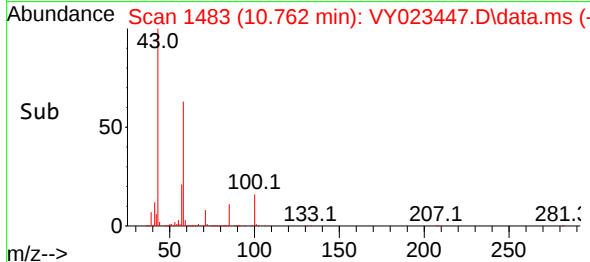
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



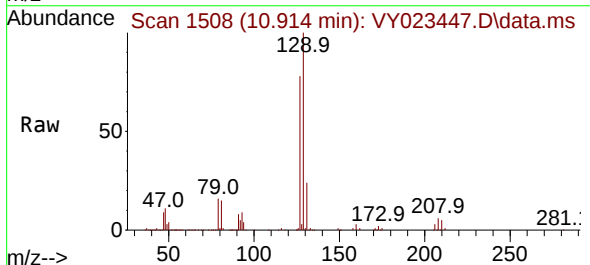
Tgt Ion: 43 Resp: 50512
Ion Ratio Lower Upper
43 100
58 62.4 30.5 91.5

Manual Integrations
APPROVED

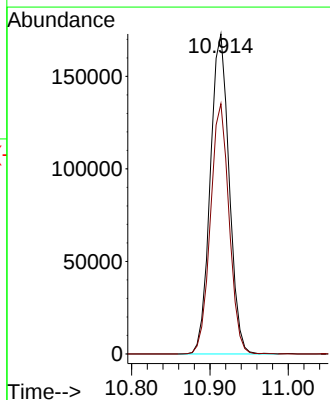
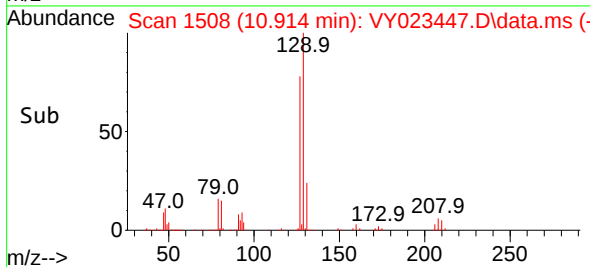
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025

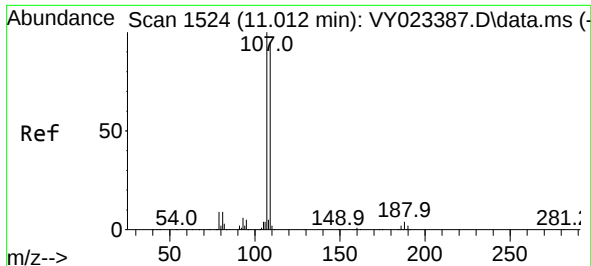


#60
Dibromochloromethane
Concen: 51.544 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53



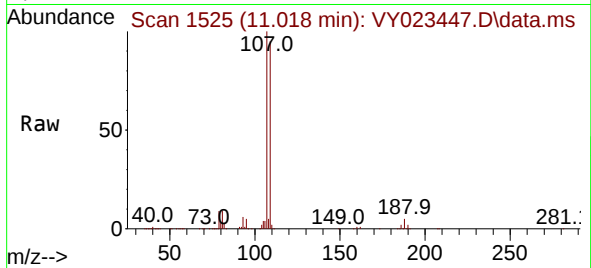
Tgt Ion:129 Resp: 289352
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.7





#61
1,2-Dibromoethane
Concen: 50.850 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

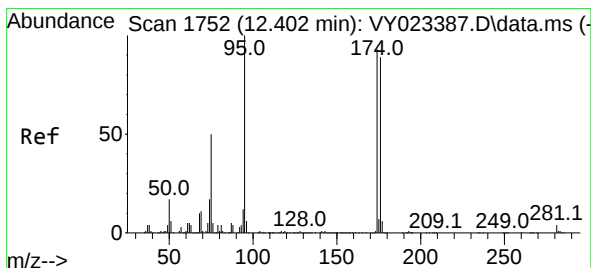
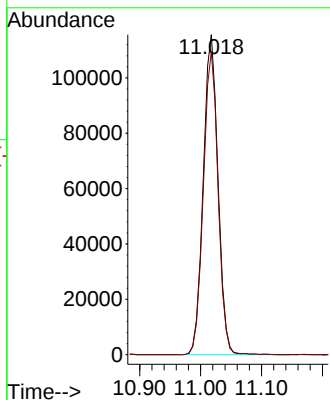
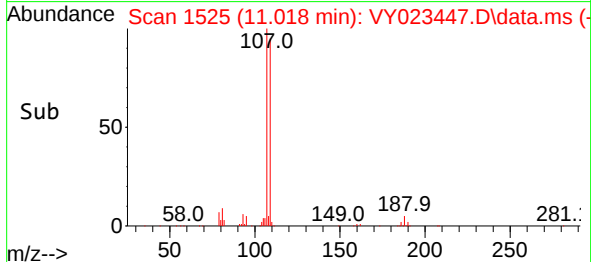
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



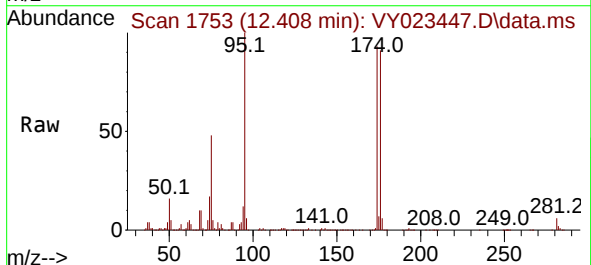
Tgt Ion:107 Resp: 194174
Ion Ratio Lower Upper
107 100
109 94.5 76.1 114.1

Manual Integrations
APPROVED

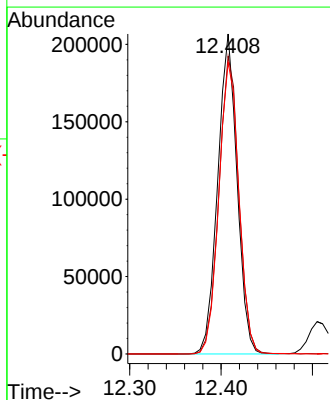
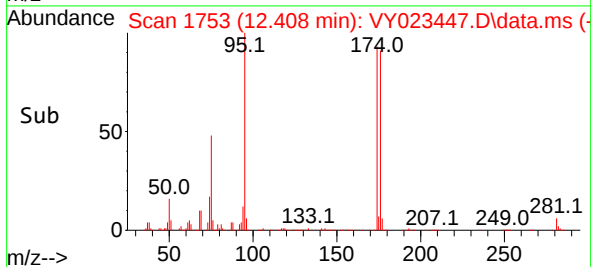
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025

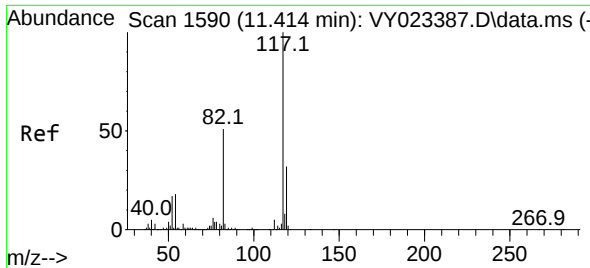


#62
4-Bromofluorobenzene
Concen: 48.654 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53



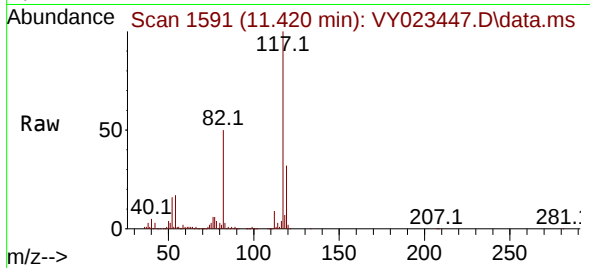
Tgt Ion: 95 Resp: 304174
Ion Ratio Lower Upper
95 100
174 95.8 0.0 192.8
176 94.5 0.0 187.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

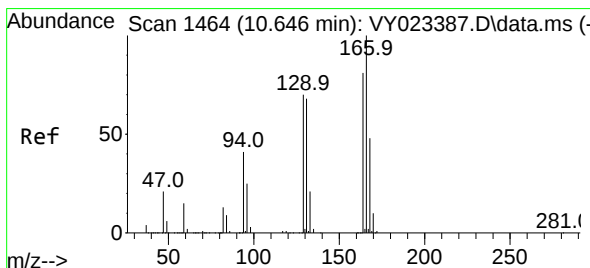
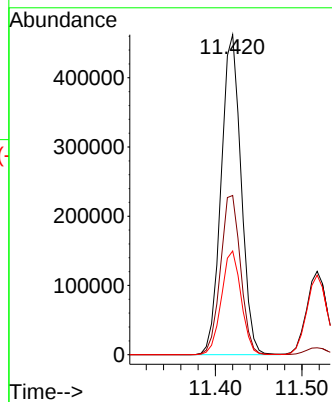
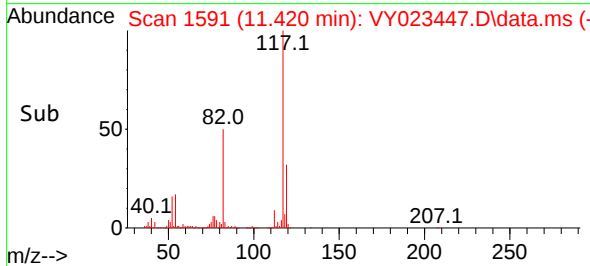
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



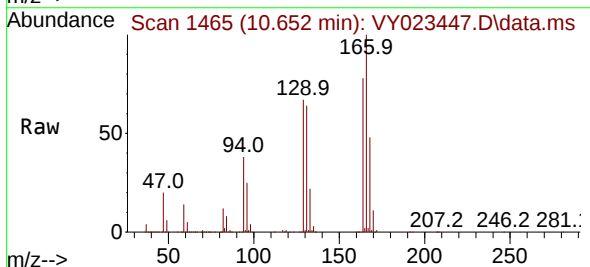
Tgt Ion:117 Resp: 738334
Ion Ratio Lower Upper
117 100
82 49.7 41.0 61.4
119 32.4 25.6 38.4

Manual Integrations
APPROVED

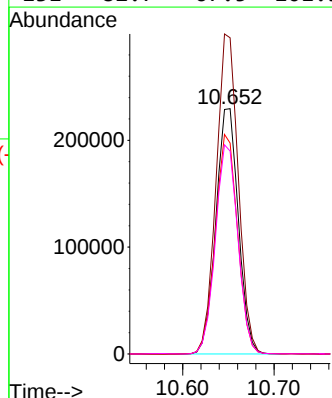
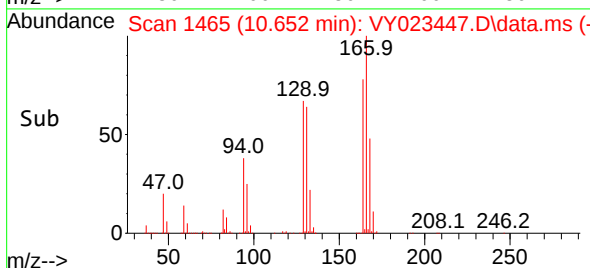
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025

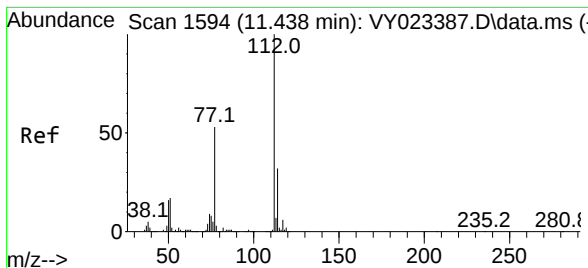


#64
Tetrachloroethene
Concen: 51.532 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53



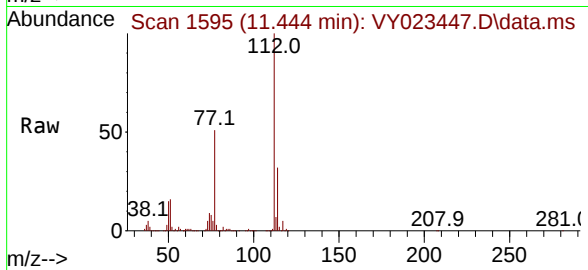
Tgt Ion:164 Resp: 392856
Ion Ratio Lower Upper
164 100
166 128.9 99.4 149.0
129 86.0 69.4 104.2
131 82.7 67.5 101.3





#65
Chlorobenzene
Concen: 49.725 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

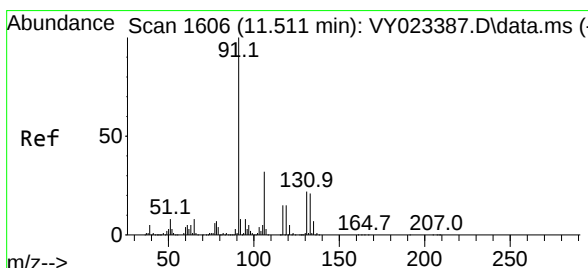
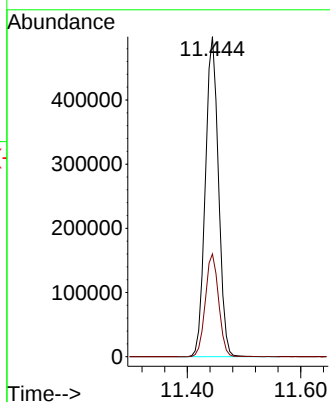
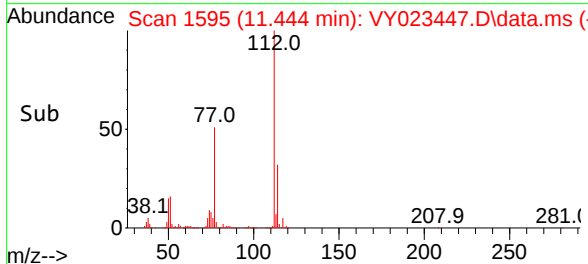
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



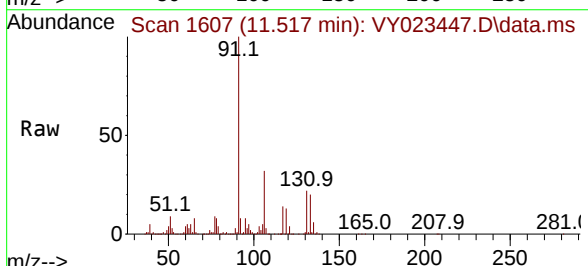
Tgt Ion:112 Resp: 798512
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4

Manual Integrations
APPROVED

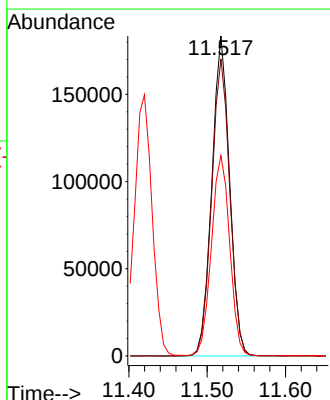
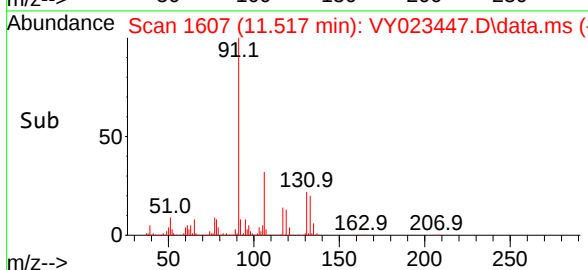
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025

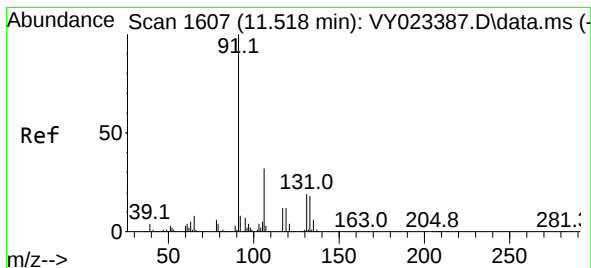


#66
1,1,1,2-Tetrachloroethane
Concen: 50.305 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53



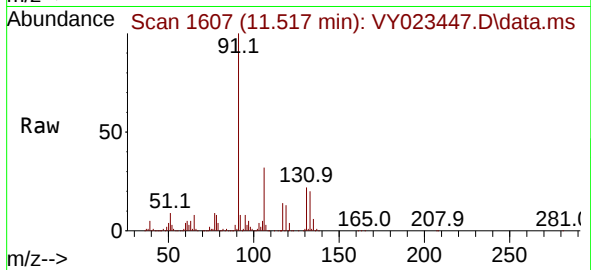
Tgt Ion:131 Resp: 287870
Ion Ratio Lower Upper
131 100
133 95.3 48.4 145.2
119 64.7 32.4 97.2





#67
Ethyl Benzene
Concen: 51.130 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

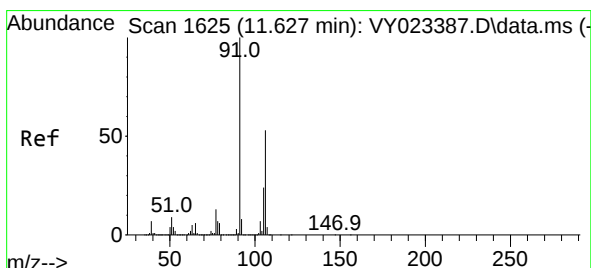
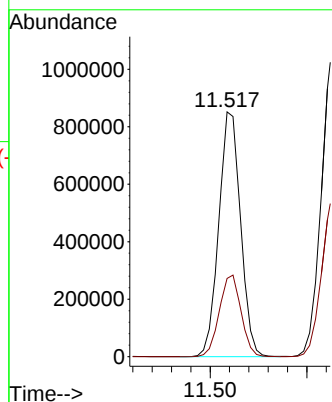
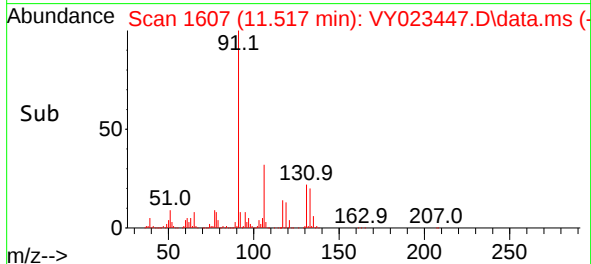
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



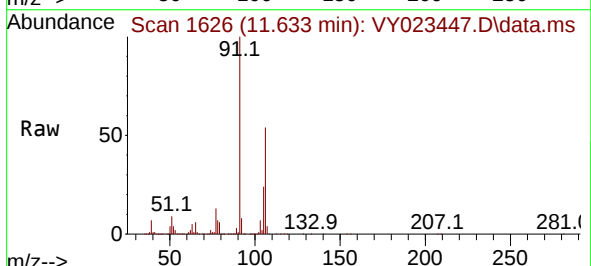
Tgt Ion: 91 Resp: 1329048
Ion Ratio Lower Upper
91 100
106 32.0 25.8 38.8

Manual Integrations
APPROVED

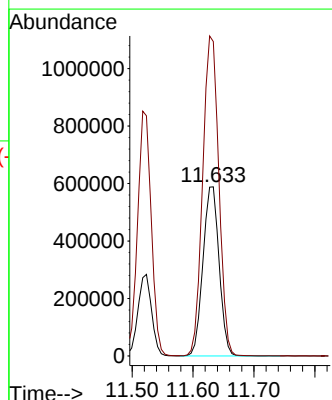
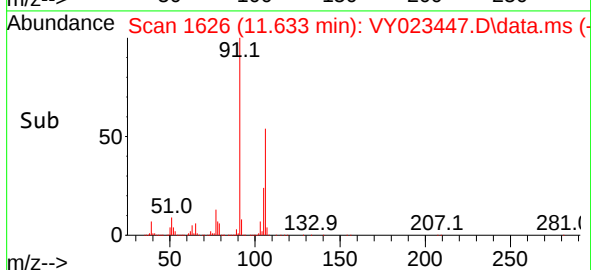
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025

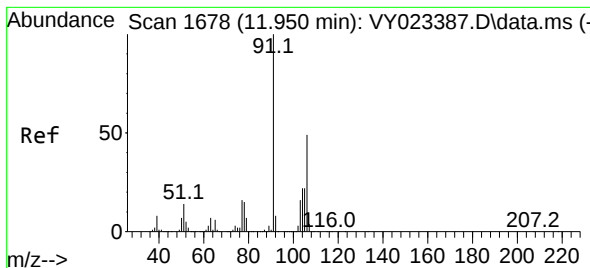


#68
m/p-Xylenes
Concen: 103.852 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53



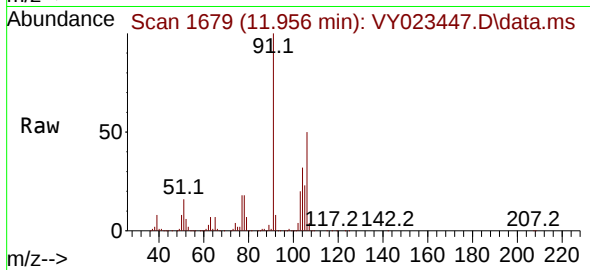
Tgt Ion:106 Resp: 1082756
Ion Ratio Lower Upper
106 100
91 189.4 152.6 229.0





#69
o-Xylene
Concen: 51.705 ug/l
RT: 11.956 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

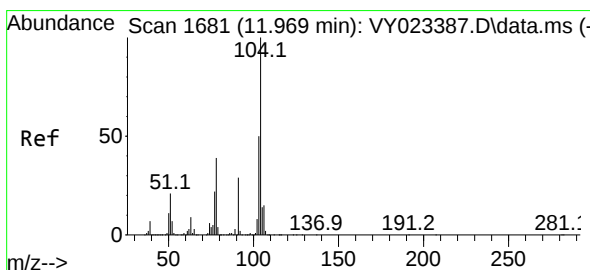
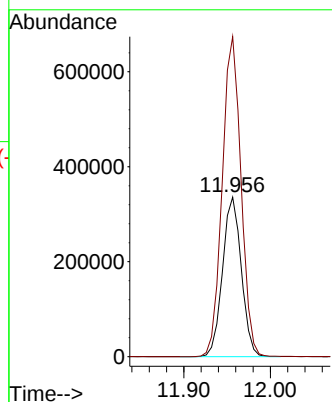
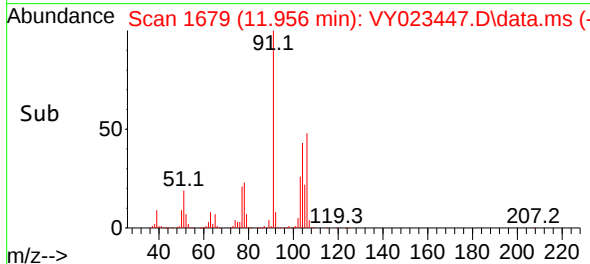
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



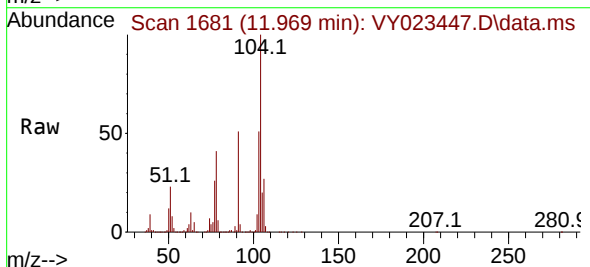
Tgt Ion:106 Resp: 505639
Ion Ratio Lower Upper
106 100
91 200.7 101.4 304.1

Manual Integrations
APPROVED

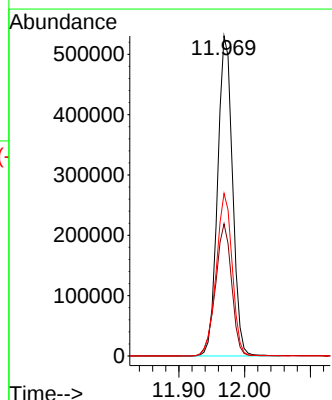
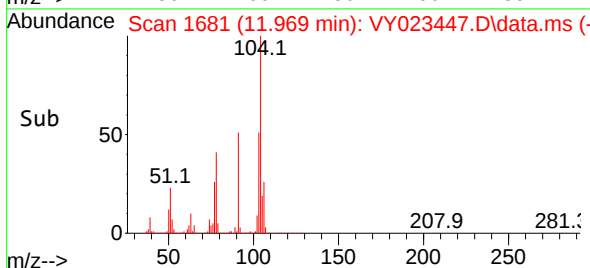
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025

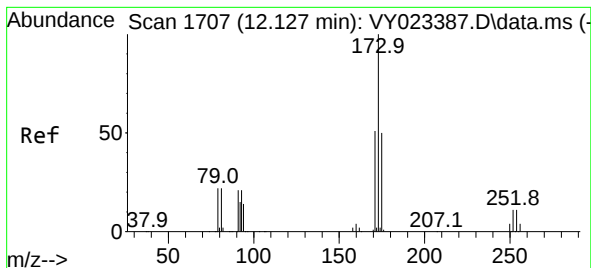


#70
Styrene
Concen: 52.206 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53



Tgt Ion:104 Resp: 839551
Ion Ratio Lower Upper
104 100
78 44.5 36.1 54.1
103 54.3 43.2 64.8





#71

Bromoform

Concen: 49.909 ug/l

RT: 12.133 min Scan# 1707

Delta R.T. 0.006 min

Lab File: VY023447.D

Acq: 13 Oct 2025 08:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 177159

Ion Ratio Lower Upper

173 100

175 48.6 24.8 74.3

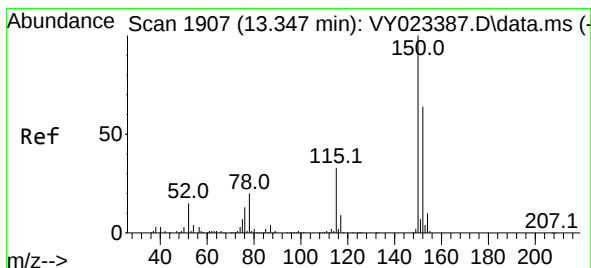
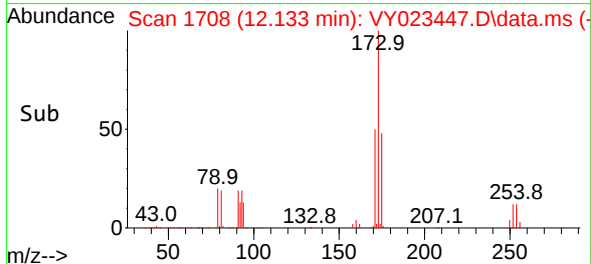
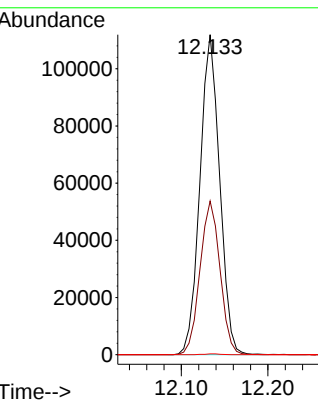
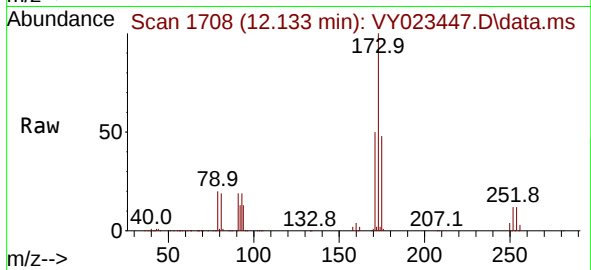
254 0.2 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2025

Supervised By :Semsettin Yesilyurt 10/14/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023447.D

Acq: 13 Oct 2025 08:53

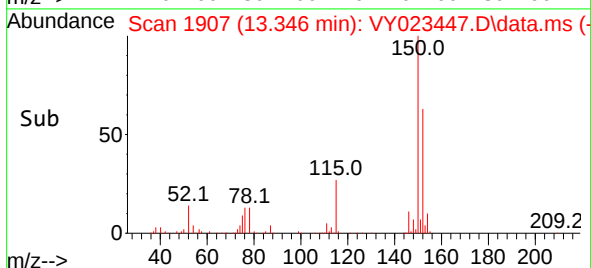
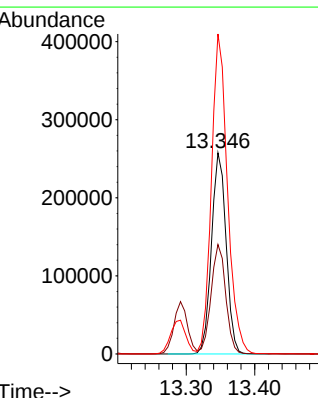
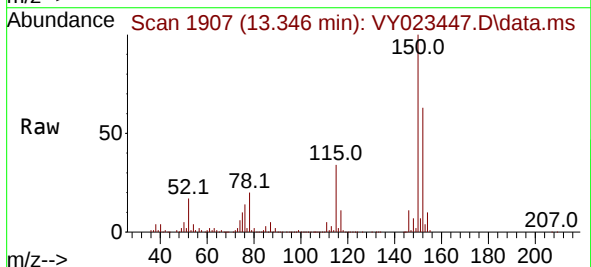
Tgt Ion:152 Resp: 381034

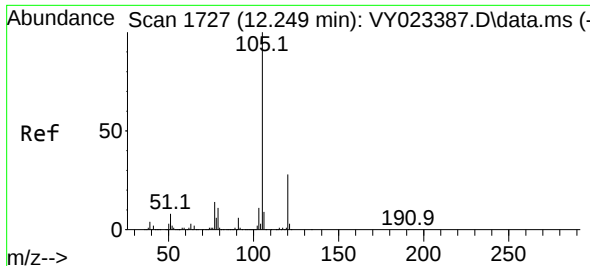
Ion Ratio Lower Upper

152 100

115 54.3 27.1 81.2

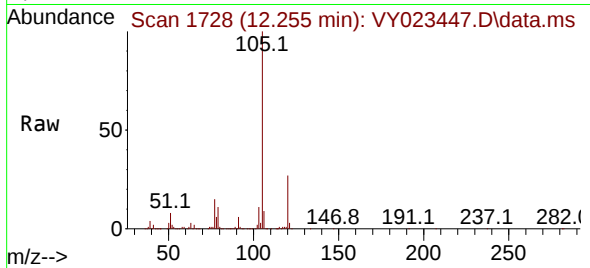
150 174.1 0.0 347.4





#73
Isopropylbenzene
Concen: 52.216 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

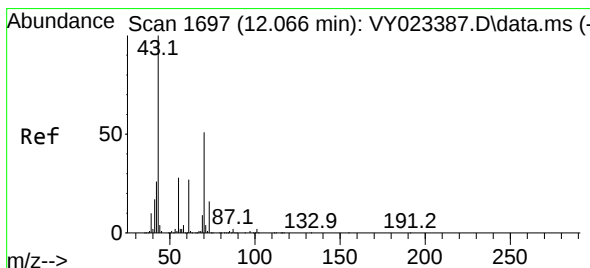
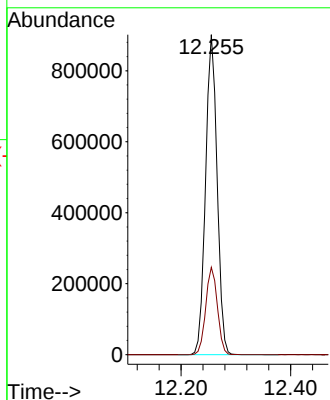
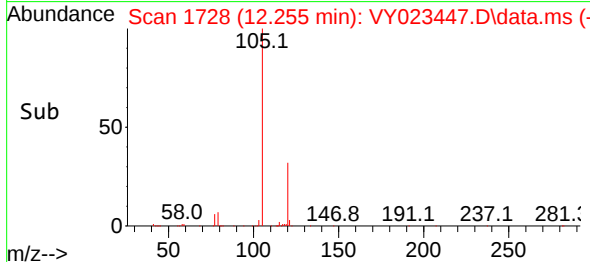
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



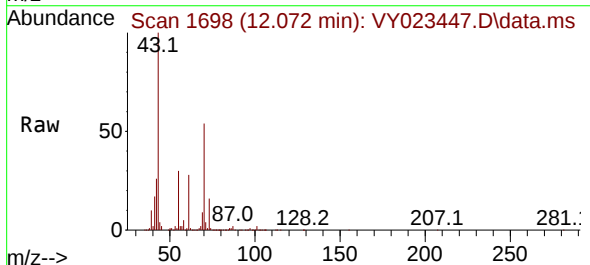
Tgt Ion:105 Resp: 1311169
Ion Ratio Lower Upper
105 100
120 27.5 13.9 41.7

Manual Integrations
APPROVED

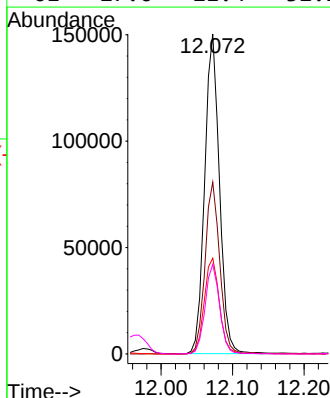
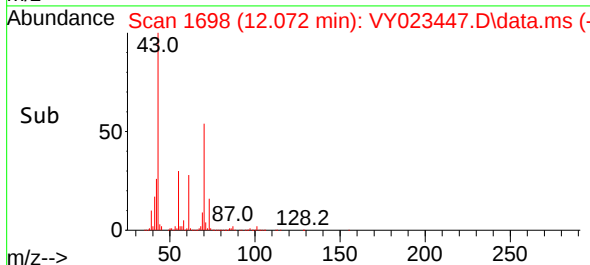
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025

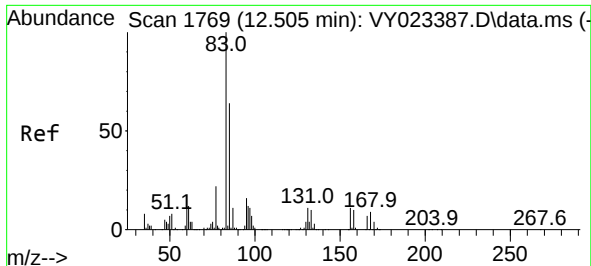


#74
N-ethyl acetate
Concen: 47.810 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53



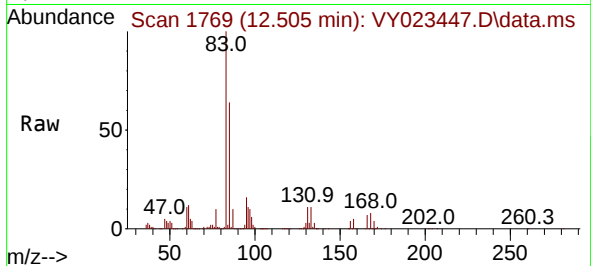
Tgt Ion: 43 Resp: 215637
Ion Ratio Lower Upper
43 100
70 53.2 41.1 61.7
55 30.5 23.0 34.6
61 27.6 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.800 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

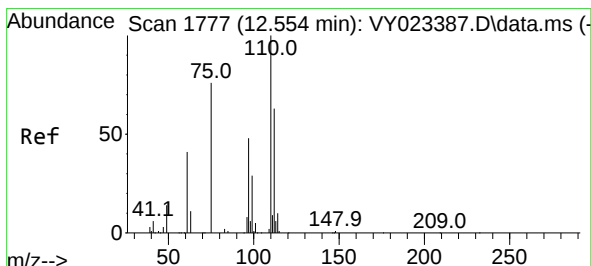
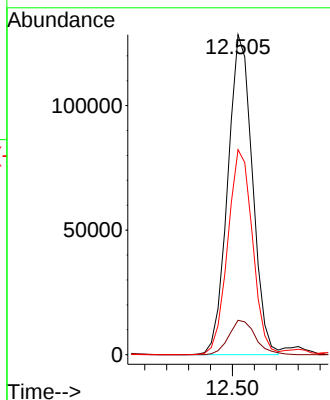
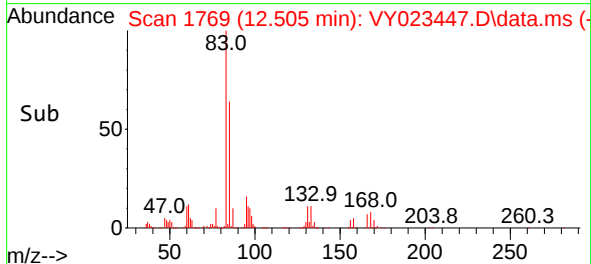
Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050



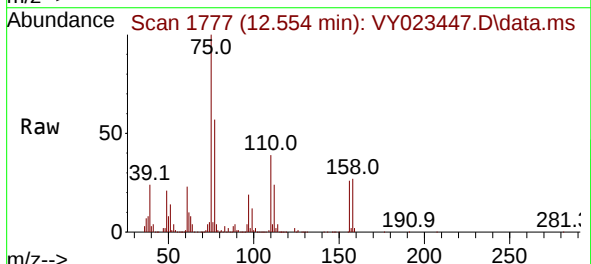
Tgt Ion: 83 Resp: 200421
Ion Ratio Lower Upper
83 100
131 11.6 5.9 17.6
85 64.4 31.8 95.3

Manual Integrations
APPROVED

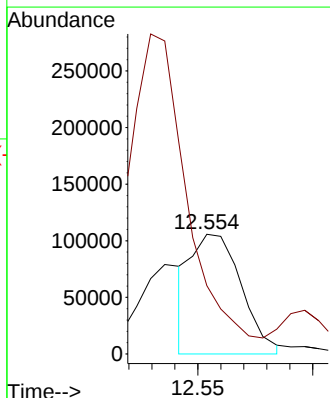
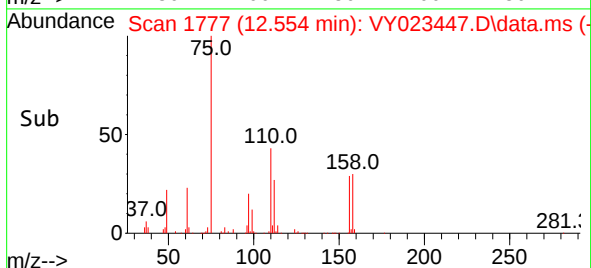
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025

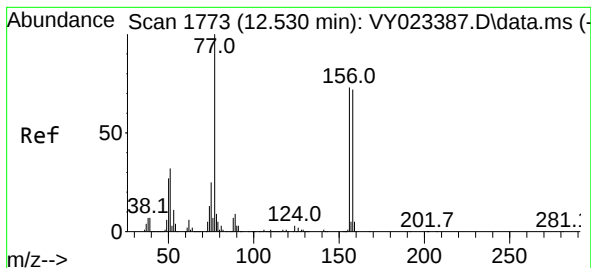


#76
1,2,3-Trichloropropane
Concen: 47.791 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53



Tgt Ion: 75 Resp: 160661
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.656 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023447.D

Acq: 13 Oct 2025 08:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 338160

Ion Ratio Lower Upper

156 100

77 152.1 76.8 230.5

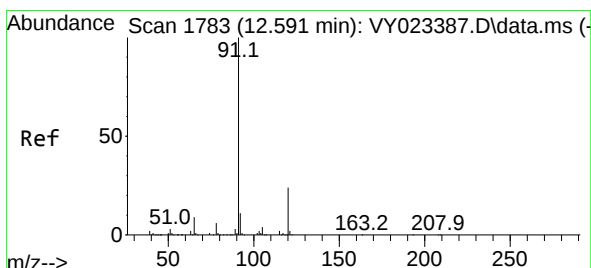
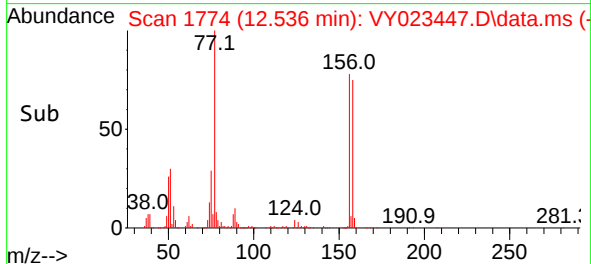
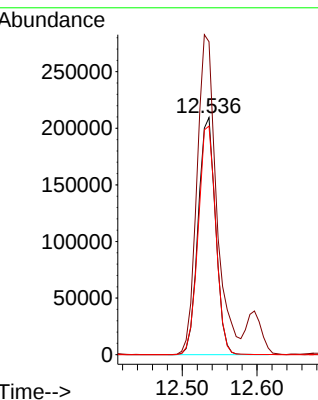
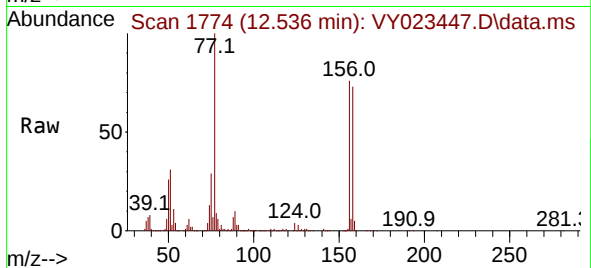
158 97.6 49.0 147.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2025

Supervised By :Semsettin Yesilyurt 10/14/2025



#78

n-propylbenzene

Concen: 52.689 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023447.D

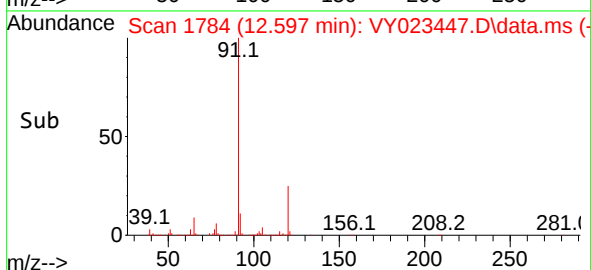
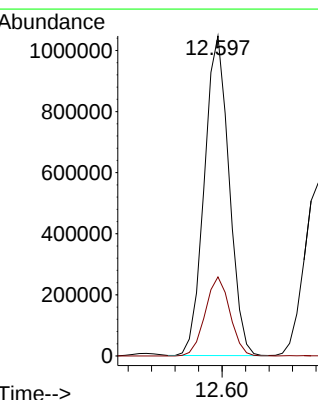
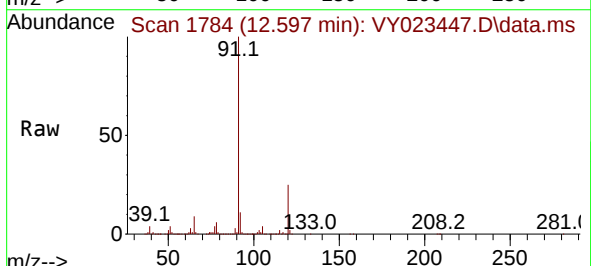
Acq: 13 Oct 2025 08:53

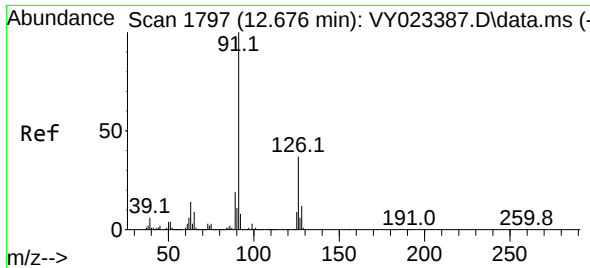
Tgt Ion: 91 Resp: 1531033

Ion Ratio Lower Upper

91 100

120 24.7 12.3 36.8





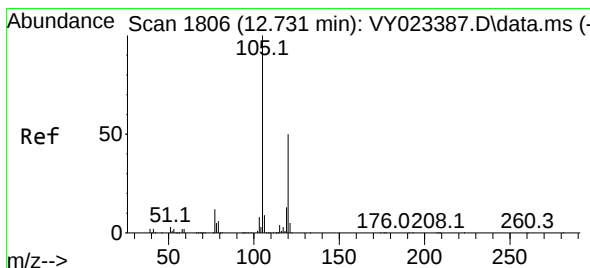
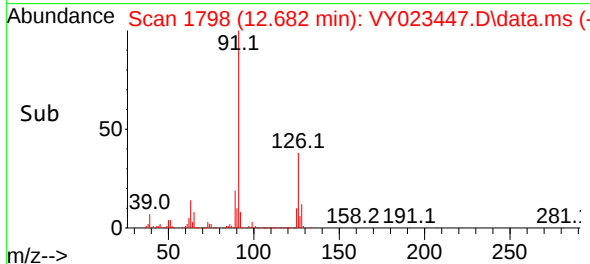
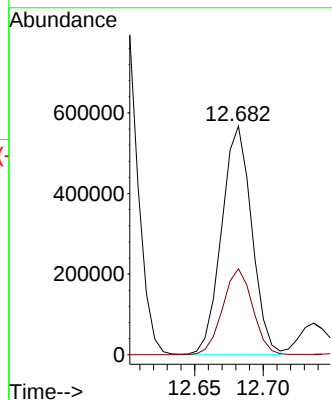
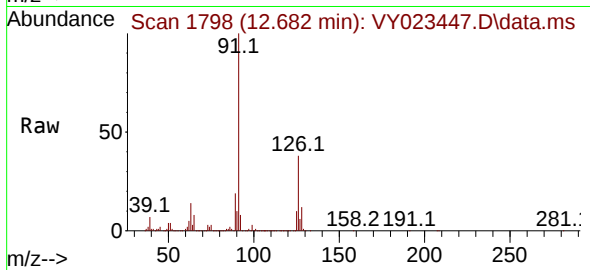
#79
2-Chlorotoluene
Concen: 50.854 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 865350
Ion Ratio Lower Upper
91 100
126 37.4 18.5 55.5

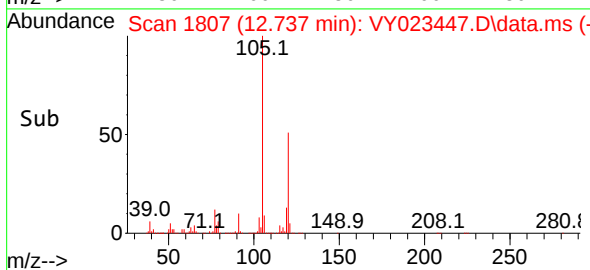
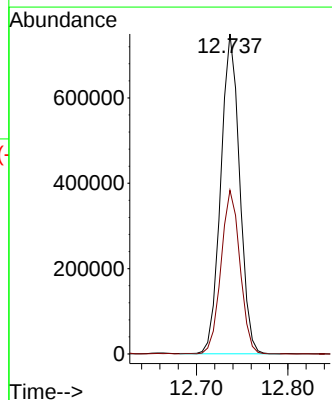
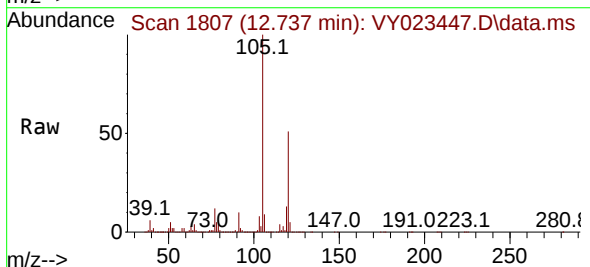
Manual Integrations
APPROVED

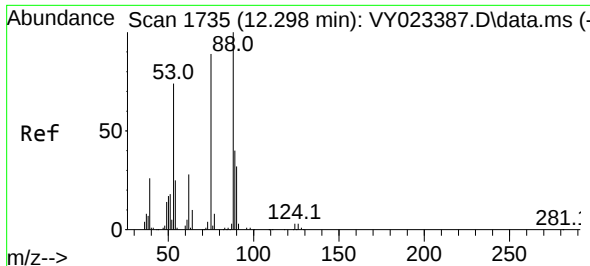
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 52.908 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

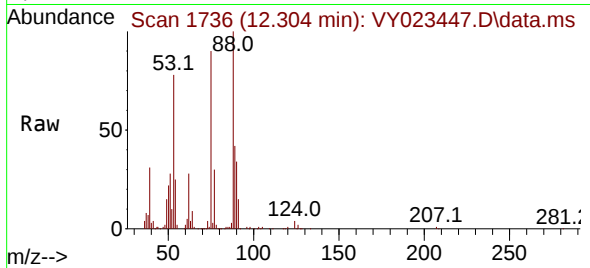
Tgt Ion:105 Resp: 1073564
Ion Ratio Lower Upper
105 100
120 51.5 25.4 76.4





#81
trans-1,4-Dichloro-2-butene
Concen: 50.107 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

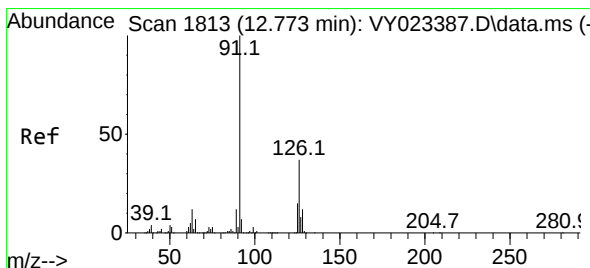
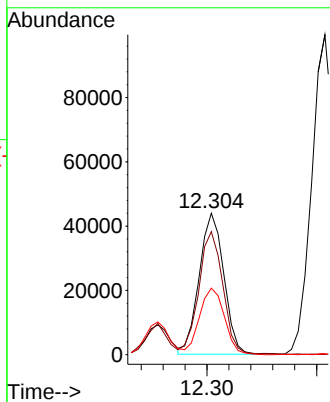
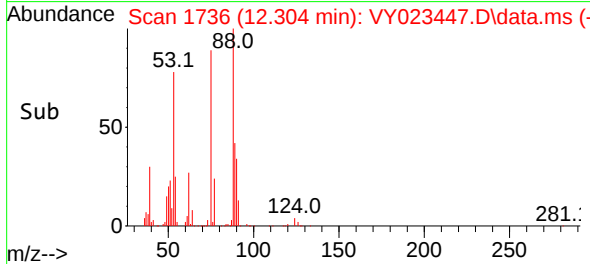
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 68692
Ion Ratio Lower Upper
75 100
53 85.2 68.6 102.8
89 47.4 39.0 58.4

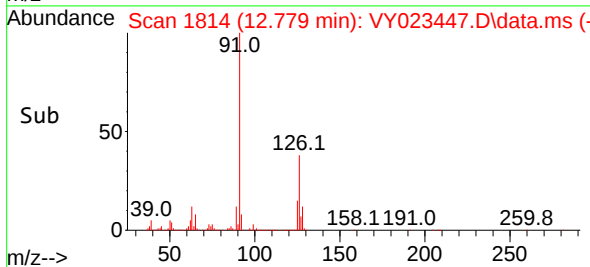
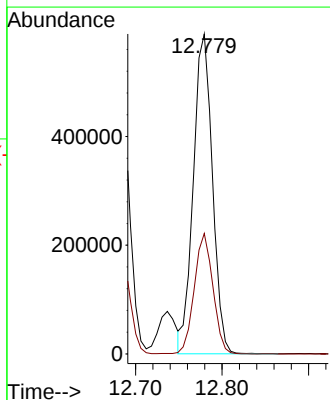
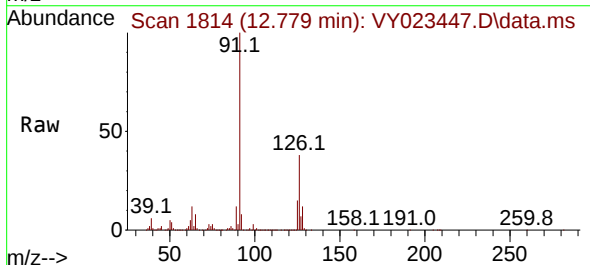
Manual Integrations
APPROVED

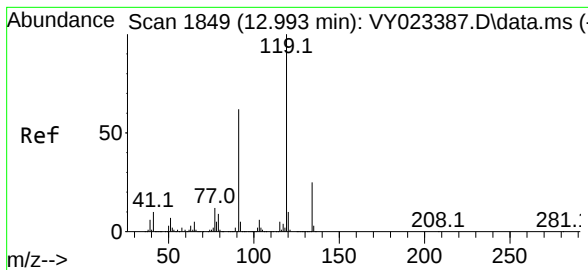
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025



#82
4-Chlorotoluene
Concen: 51.311 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

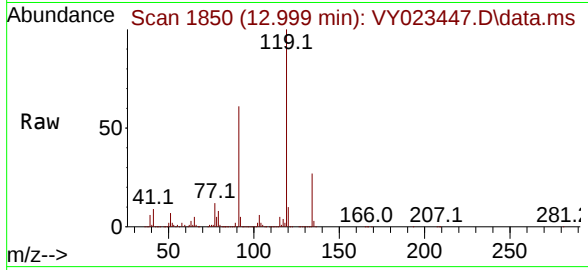
Tgt Ion: 91 Resp: 899220
Ion Ratio Lower Upper
91 100
126 36.9 18.4 55.4





#83
tert-Butylbenzene
Concen: 51.842 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

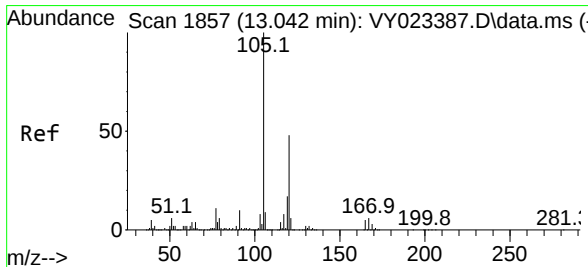
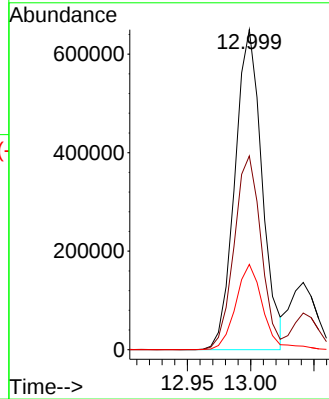
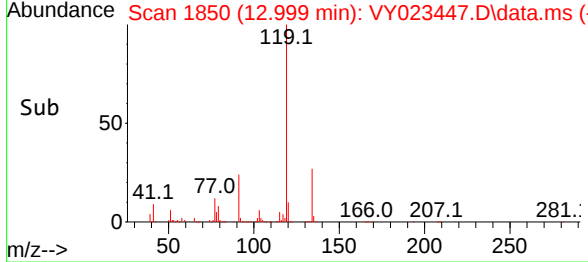
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



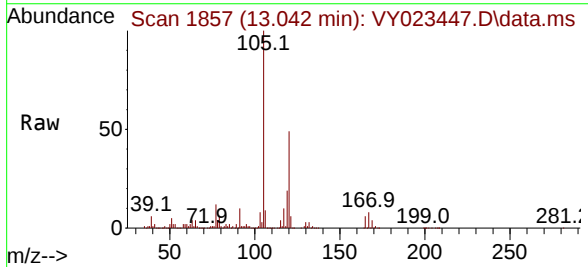
Tgt Ion:119 Resp: 971263
Ion Ratio Lower Upper
119 100
91 60.2 29.9 89.8
134 26.8 12.9 38.7

Manual Integrations
APPROVED

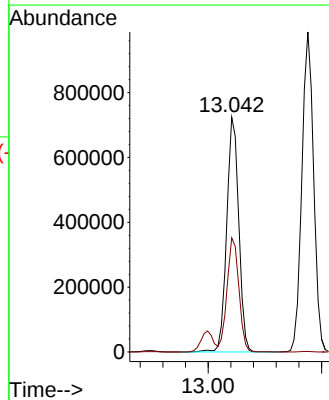
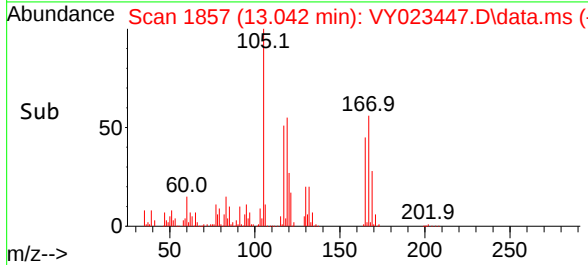
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025

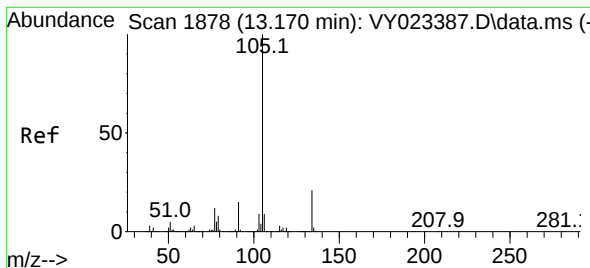


#84
1,2,4-Trimethylbenzene
Concen: 52.627 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53



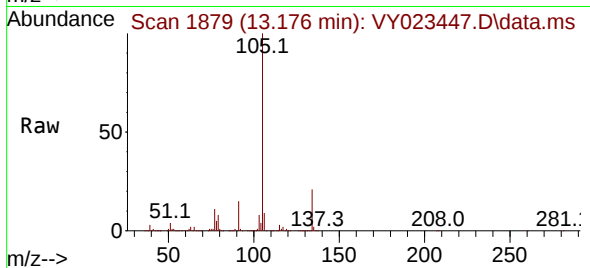
Tgt Ion:105 Resp: 1065727
Ion Ratio Lower Upper
105 100
120 47.9 23.8 71.2





#85
 sec-Butylbenzene
 Concen: 52.706 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023447.D
 Acq: 13 Oct 2025 08:53

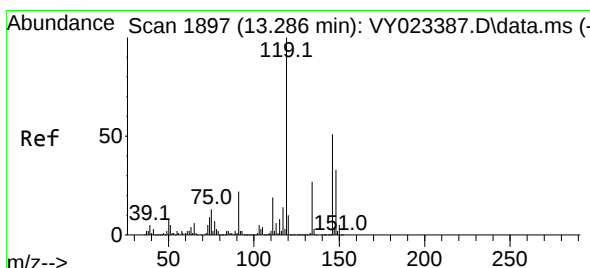
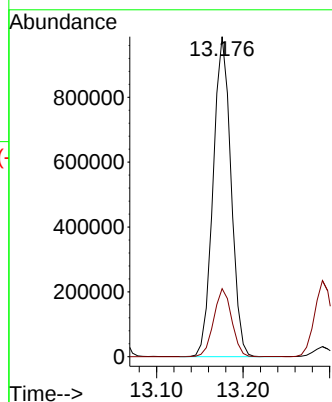
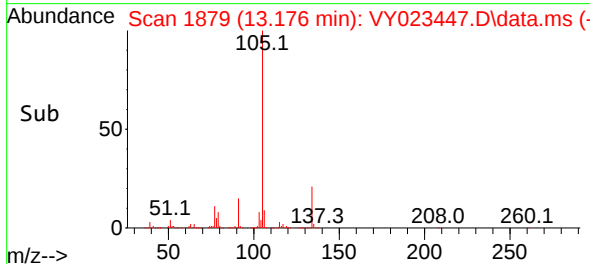
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



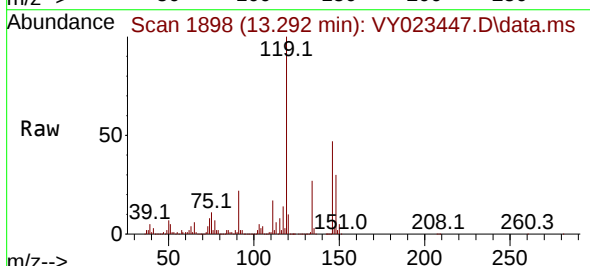
Tgt Ion:105 Resp: 1416470
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.7 32.1

Manual Integrations
 APPROVED

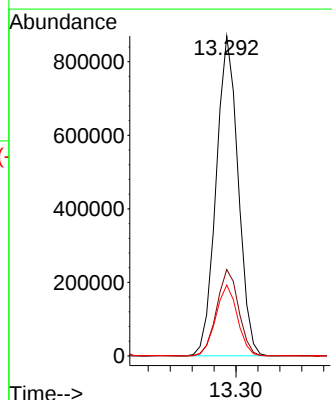
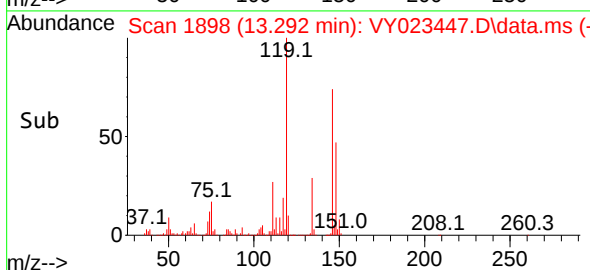
Reviewed By :Mahesh Dadoda 10/14/2025
 Supervised By :Semsettin Yesilyurt 10/14/2025

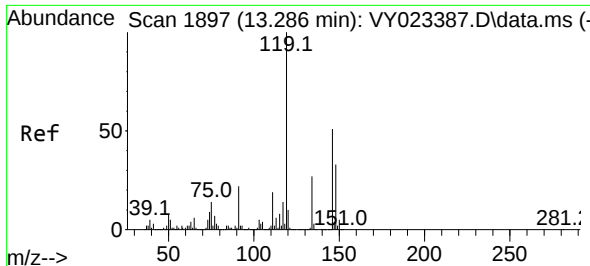


#86
 p-Isopropyltoluene
 Concen: 52.959 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023447.D
 Acq: 13 Oct 2025 08:53



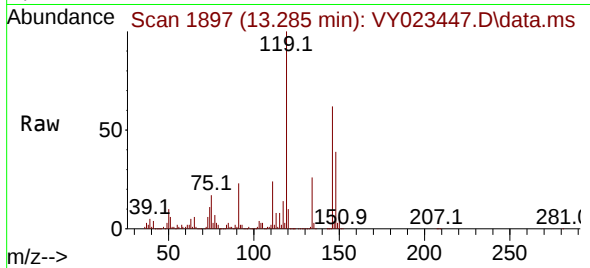
Tgt Ion:119 Resp: 1211808
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.7
 91 21.8 10.9 32.9





#87
1,3-Dichlorobenzene
Concen: 50.329 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

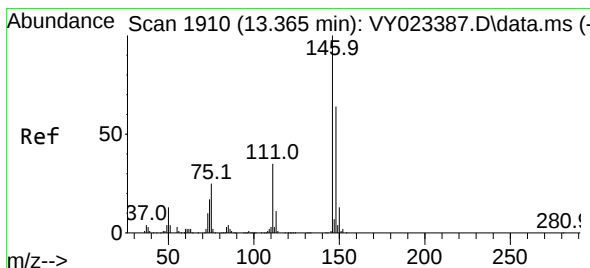
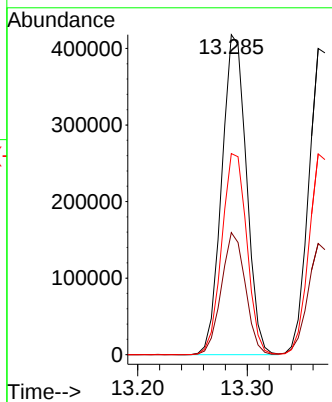
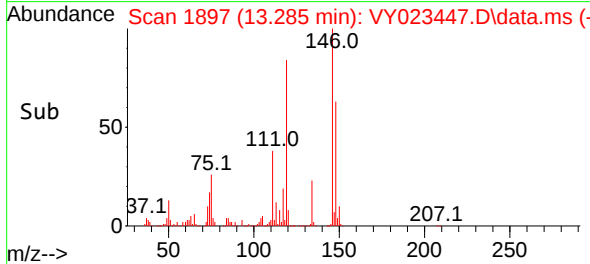
Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050



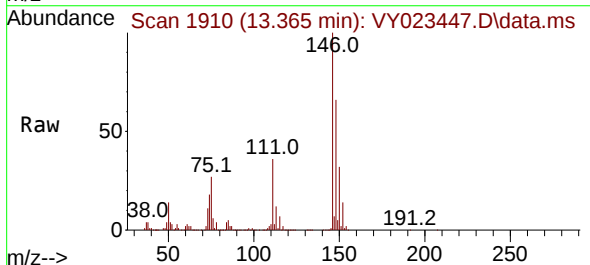
Tgt Ion:146 Resp: 65425
Ion Ratio Lower Upper
146 100
111 37.2 18.7 56.1
148 63.7 31.9 95.9

Manual Integrations
APPROVED

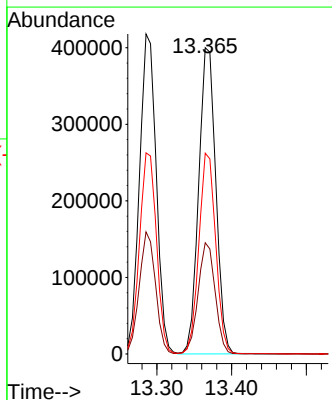
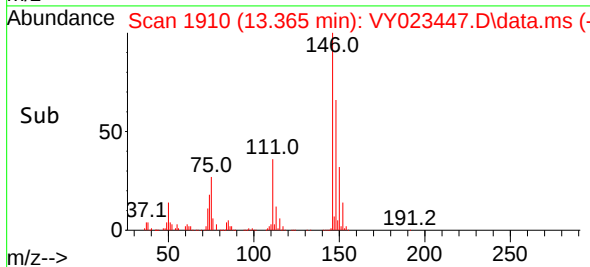
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025

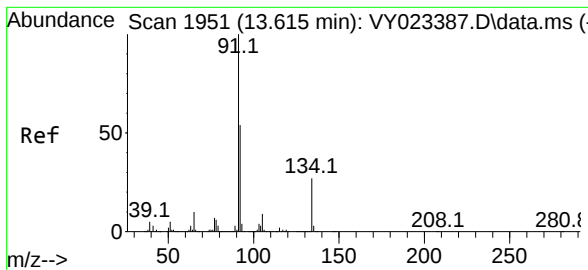


#88
1,4-Dichlorobenzene
Concen: 49.547 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53



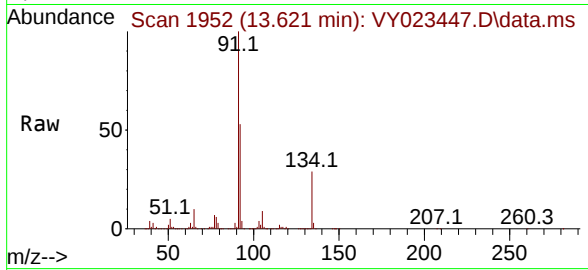
Tgt Ion:146 Resp: 636131
Ion Ratio Lower Upper
146 100
111 36.1 18.0 54.0
148 64.2 31.9 95.7





#89
n-Butylbenzene
Concen: 52.402 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

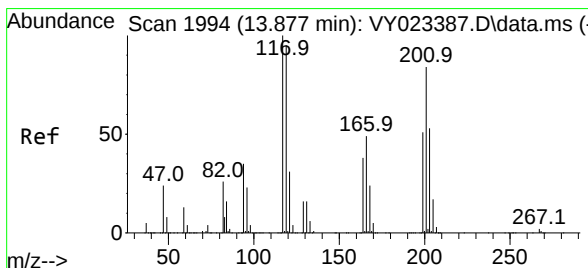
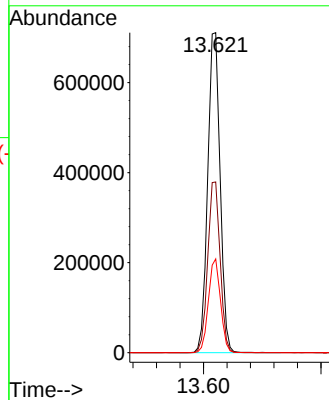
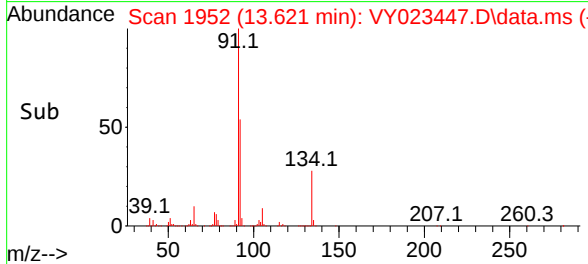
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 1044788
Ion Ratio Lower Upper
91 100
92 53.3 27.0 80.8
134 28.5 14.1 42.2

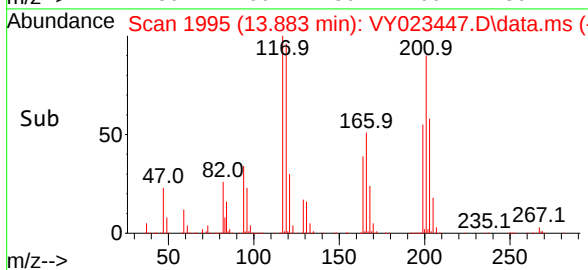
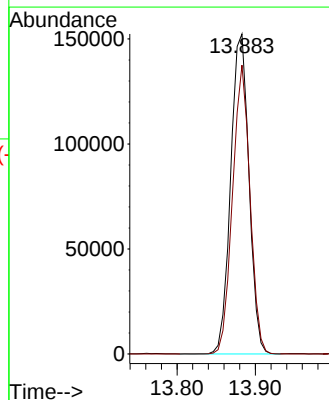
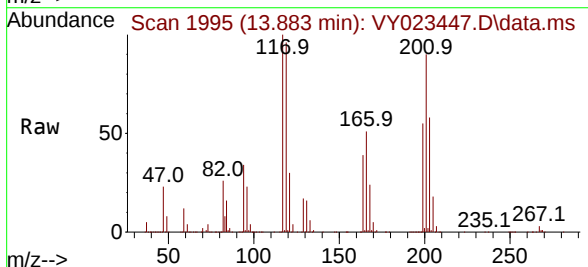
Manual Integrations
APPROVED

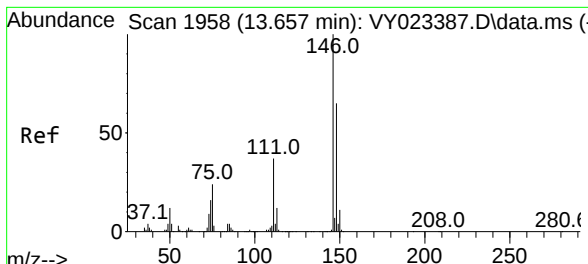
Reviewed By :Mahesh Dadoda 10/14/2025
Supervised By :Semsettin Yesilyurt 10/14/2025



#90
Hexachloroethane
Concen: 50.142 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY023447.D
Acq: 13 Oct 2025 08:53

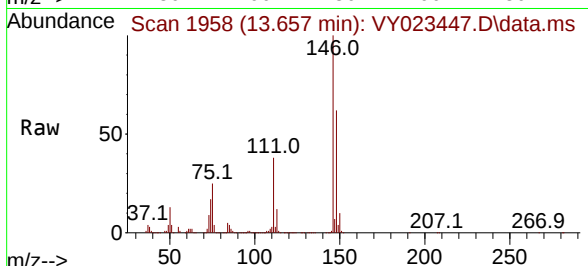
Tgt Ion:117 Resp: 246776
Ion Ratio Lower Upper
117 100
201 86.1 43.8 131.4





#91
 1,2-Dichlorobenzene
 Concen: 50.228 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023447.D
 Acq: 13 Oct 2025 08:53

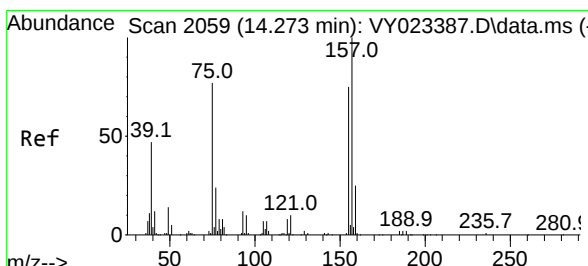
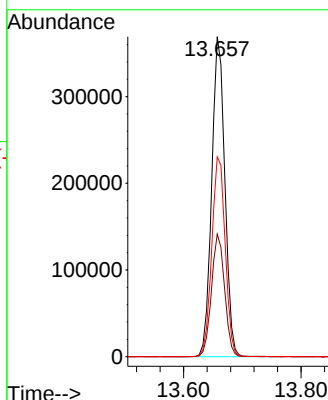
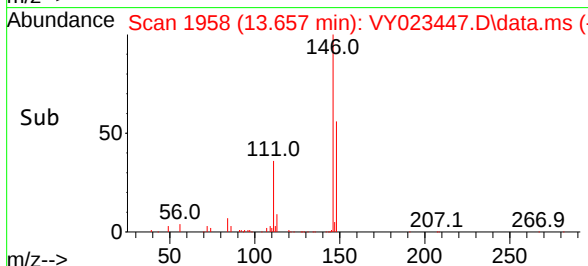
Instrument : MSVOA_Y
 ClientSampleId : VSTDCCC050



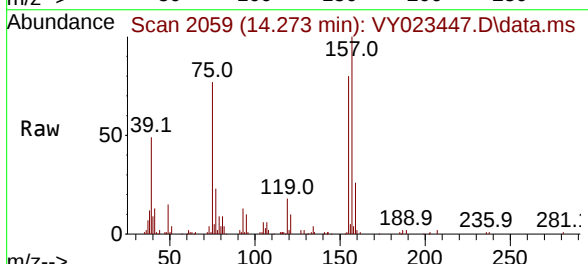
Tgt Ion:146 Resp: 57245
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.0 57.0
 148 63.9 32.1 96.3

Manual Integrations
 APPROVED

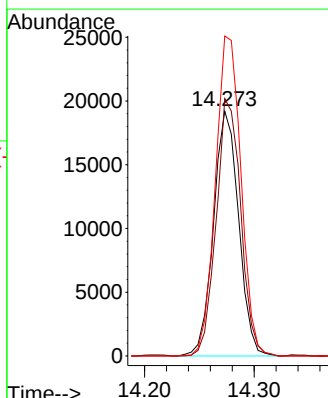
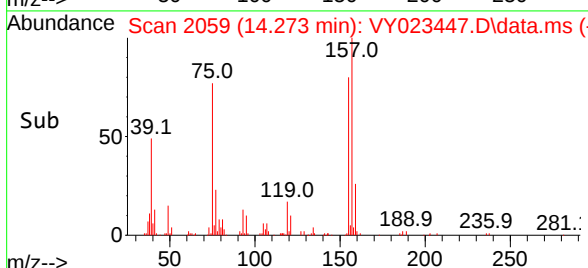
Reviewed By :Mahesh Dadoda 10/14/2025
 Supervised By :Semsettin Yesilyurt 10/14/2025

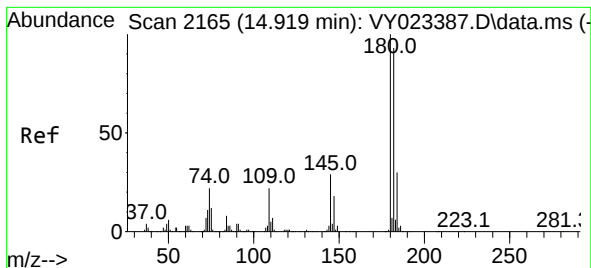


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.371 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023447.D
 Acq: 13 Oct 2025 08:53



Tgt Ion: 75 Resp: 30575
 Ion Ratio Lower Upper
 75 100
 155 102.7 50.0 150.0
 157 132.7 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 48.424 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023447.D

Acq: 13 Oct 2025 08:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 34406

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.6

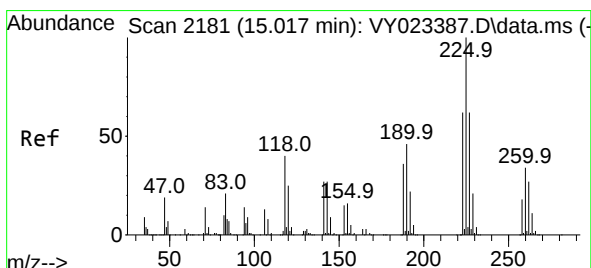
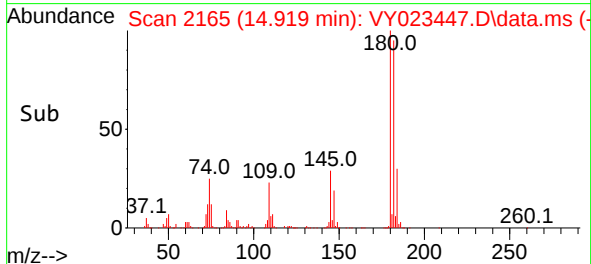
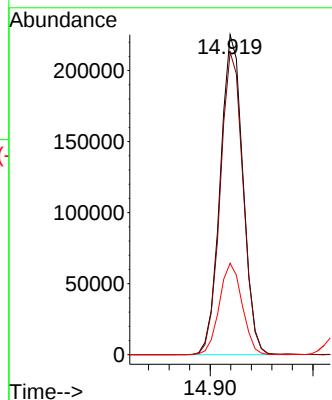
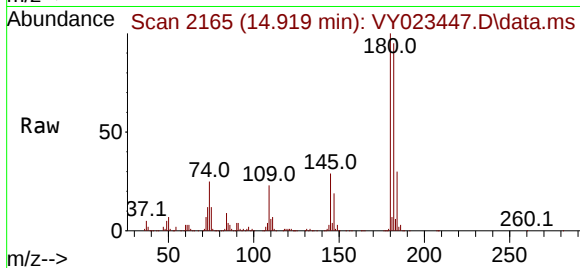
145 28.8 14.7 44.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2025

Supervised By :Semsettin Yesilyurt 10/14/2025



#94

Hexachlorobutadiene

Concen: 49.305 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023447.D

Acq: 13 Oct 2025 08:53

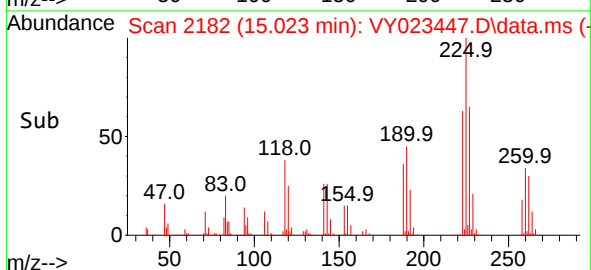
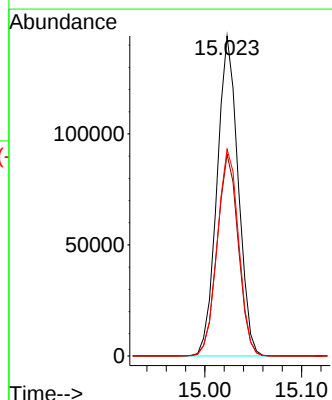
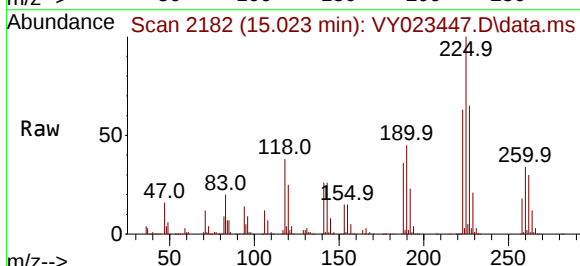
Tgt Ion:225 Resp: 218379

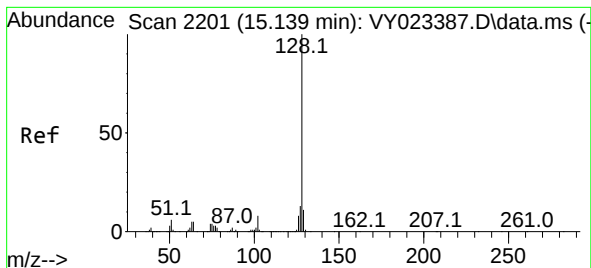
Ion Ratio Lower Upper

225 100

223 63.3 30.8 92.3

227 65.3 31.9 95.7





#95

Naphthalene

Concen: 47.293 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023447.D

Acq: 13 Oct 2025 08:53

Instrument :

MSVOA_Y

ClientSampleId :

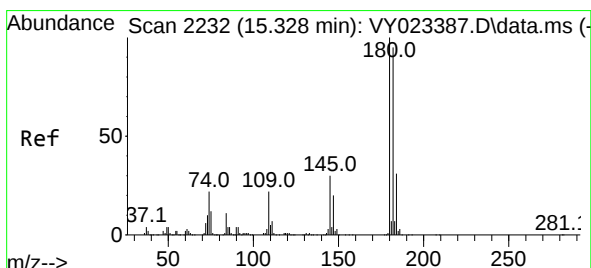
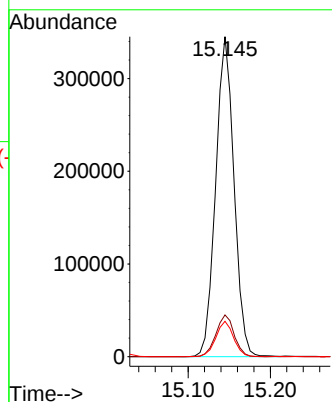
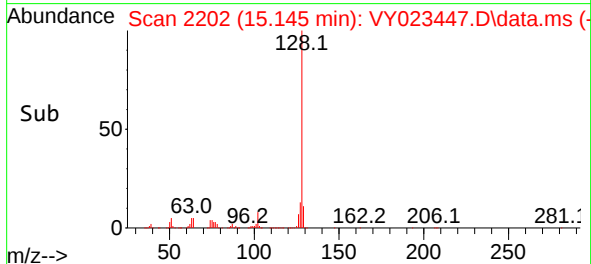
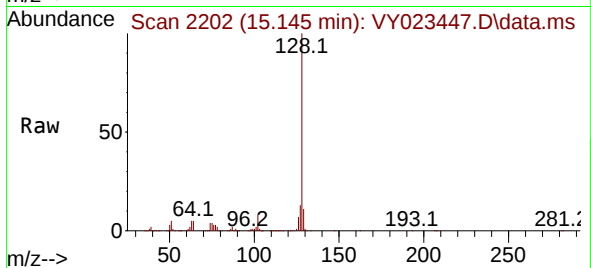
VSTDCCC050

Tgt Ion:128 Resp: 535084
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.4 15.6
 129 10.7 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2025
 Supervised By :Semsettin Yesilyurt 10/14/2025



#96

1,2,3-Trichlorobenzene

Concen: 47.760 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023447.D

Acq: 13 Oct 2025 08:53

Tgt Ion:180 Resp: 293934
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.9 143.8
 145 30.9 15.3 45.9

