

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101025\
 Data File : VY023424.D
 Acq On : 10 Oct 2025 08:56
 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 10/13/2025
 Supervised By :Semsettin Yesilyurt 10/13/2025

Quant Time: Oct 10 15:31:52 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	555461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	789535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	696631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	366006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	211386	45.510	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.020%		
35) Dibromofluoromethane	7.634	113	234346	48.306	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.620%		
50) Toluene-d8	10.109	98	882010	48.819	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.640%		
62) 4-Bromofluorobenzene	12.408	95	286981	48.113	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	175763	43.961	ug/l	98
3) Chloromethane	2.074	50	241869	44.408	ug/l	100
4) Vinyl Chloride	2.208	62	328645	46.327	ug/l	100
5) Bromomethane	2.598	94	260269	43.719	ug/l	99
6) Chloroethane	2.739	64	233352	48.256	ug/l	100
7) Trichlorofluoromethane	3.062	101	458034	46.501	ug/l	98
8) Diethyl Ether	3.458	74	118082	45.878	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	248291	48.577	ug/l	99
10) Methyl Iodide	4.007	142	319686	56.182	ug/l	100
11) Tert butyl alcohol	4.854	59	73953	214.015	ug/l	99
12) 1,1-Dichloroethene	3.793	96	238596	48.154	ug/l	93
13) Acrolein	3.653	56	86843	177.859	ug/l	99
14) Allyl chloride	4.391	41	285959	47.355	ug/l	99
15) Acrylonitrile	5.061	53	233918	237.482	ug/l	100
16) Acetone	3.866	43	300090	271.380	ug/l	100
17) Carbon Disulfide	4.110	76	693628	48.911	ug/l	99
18) Methyl Acetate	4.385	43	144038	49.656	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	572213	48.051	ug/l	98
20) Methylene Chloride	4.616	84	260884	43.630	ug/l	99
21) trans-1,2-Dichloroethene	5.122	96	266615	48.874	ug/l	94
22) Diisopropyl ether	6.024	45	653774	48.946	ug/l	98
23) Vinyl Acetate	5.964	43	1743565	241.160	ug/l	99
24) 1,1-Dichloroethane	5.915	63	430417	48.646	ug/l	98
25) 2-Butanone	6.896	43	329142	243.810	ug/l	97
26) 2,2-Dichloropropane	6.890	77	397500	48.961	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	314070	49.842	ug/l	97
28) Bromochloromethane	7.250	49	150362	45.522	ug/l	100
29) Tetrahydrofuran	7.268	42	182292	238.121	ug/l	100
30) Chloroform	7.421	83	479834	49.360	ug/l	99
31) Cyclohexane	7.707	56	353638	45.768	ug/l	100
32) 1,1,1-Trichloroethane	7.622	97	435710	49.321	ug/l	100
36) 1,1-Dichloropropene	7.841	75	328095	51.084	ug/l	100
37) Ethyl Acetate	6.988	43	125695	49.399	ug/l	99
38) Carbon Tetrachloride	7.823	117	396311	50.889	ug/l	98
39) Methylcyclohexane	9.109	83	424798	50.798	ug/l	99
40) Benzene	8.085	78	1044449	51.350	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	58712	42.664	ug/l	88
42) 1,2-Dichloroethane	8.158	62	260219	49.606	ug/l	98
43) Isopropyl Acetate	8.201	43	245687	48.423	ug/l	99
44) Trichloroethene	8.865	130	298362	50.117	ug/l	99
45) 1,2-Dichloropropane	9.146	63	229432	51.069	ug/l	99
46) Dibromomethane	9.231	93	144960	51.028	ug/l	98
47) Bromodichloromethane	9.426	83	363774	50.844	ug/l	99
48) Methyl methacrylate	9.225	41	119935	50.317	ug/l	99
49) 1,4-Dioxane	9.231	88	31607	959.616	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	666381	254.206	ug/l	100
52) Toluene	10.170	92	689717	52.226	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	315935	50.784	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	375814	51.184	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	197178	51.615	ug/l	97
56) Ethyl methacrylate	10.438	69	229850	52.160	ug/l	99
57) 1,3-Dichloropropane	10.719	76	312833	51.678	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	529859	268.412	ug/l	99
59) 2-Hexanone	10.761	43	487876	260.425	ug/l	99
60) Dibromochloromethane	10.914	129	271656	50.720	ug/l	99
61) 1,2-Dibromoethane	11.018	107	185523	50.922	ug/l	100
64) Tetrachloroethene	10.652	164	369762	51.406	ug/l	98
65) Chlorobenzene	11.444	112	759771	50.145	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	272450	50.461	ug/l	98
67) Ethyl Benzene	11.517	91	1270547	51.805	ug/l	99
68) m/p-Xylenes	11.627	106	1030460	104.753	ug/l	99
69) o-Xylene	11.956	106	477008	51.697	ug/l	100
70) Styrene	11.969	104	802885	52.914	ug/l	100
71) Bromoform	12.133	173	166621	49.751	ug/l #	99
73) Isopropylbenzene	12.255	105	1254522	52.011	ug/l	99
74) N-amyl acetate	12.072	43	209965	48.464	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	194376	49.271	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	149021m	46.149	ug/l	
77) Bromobenzene	12.529	156	318098	49.607	ug/l	99
78) n-propylbenzene	12.597	91	1464919	52.483	ug/l	100
79) 2-Chlorotoluene	12.682	91	831271	50.857	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1019369	52.300	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	65787	49.958	ug/l	99
82) 4-Chlorotoluene	12.779	91	859313	51.047	ug/l	99
83) tert-Butylbenzene	12.999	119	924459	51.370	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1010789	51.964	ug/l	99
85) sec-Butylbenzene	13.176	105	1340178	51.914	ug/l	100
86) p-Isopropyltoluene	13.291	119	1147624	52.213	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	616351	49.360	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	598401	48.522	ug/l	99
89) n-Butylbenzene	13.615	91	990301	51.708	ug/l	99
90) Hexachloroethane	13.877	117	232110	49.099	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	540012	49.327	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	30627	47.315	ug/l	100
93) 1,2,4-Trichlorobenzene	14.919	180	312850	45.839	ug/l	99
94) Hexachlorobutadiene	15.023	225	201594	47.385	ug/l	99
95) Naphthalene	15.145	128	488839	44.979	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	268202	45.368	ug/l	99

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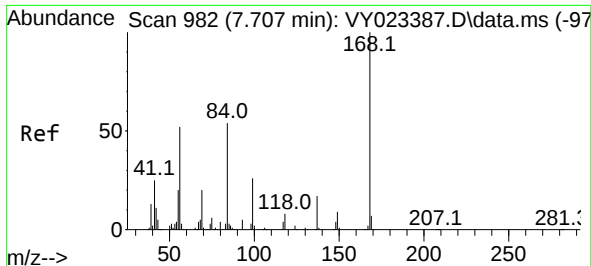
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Response via : Initial Calibration

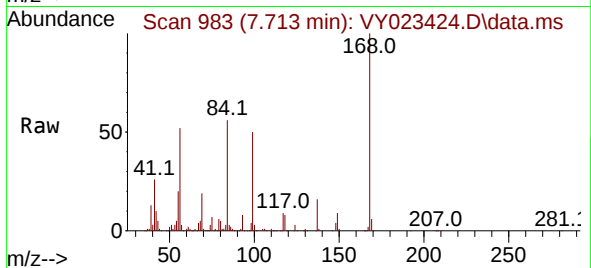
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023424.D
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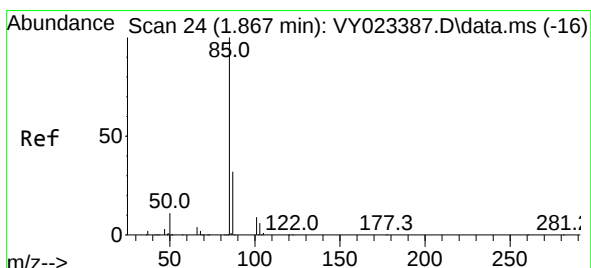
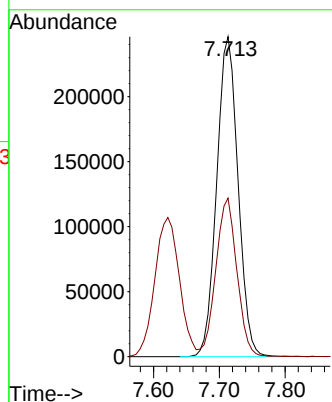
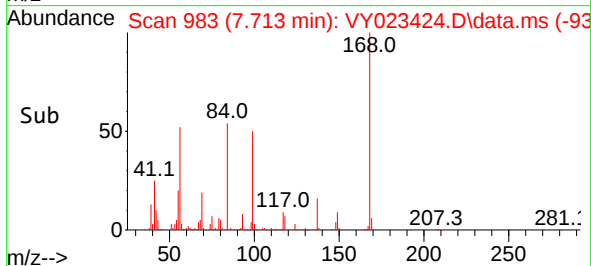
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 55546
Ion Ratio Lower Upper
168 100
99 49.4 39.7 59.5

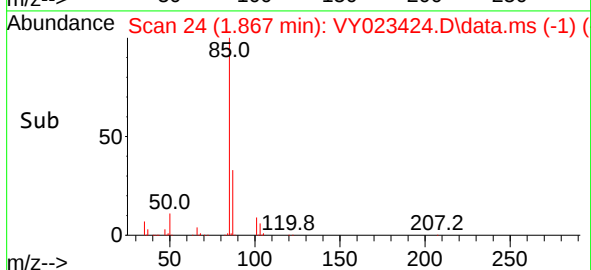
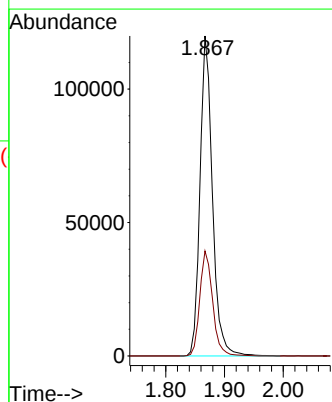
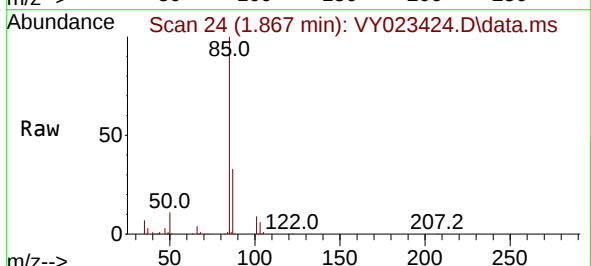
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#2
Dichlorodifluoromethane
Concen: 43.961 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

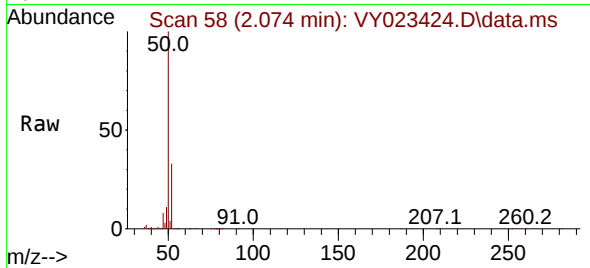
Tgt Ion: 85 Resp: 175763
Ion Ratio Lower Upper
85 100
87 32.8 16.0 47.9





#3
Chloromethane
Concen: 44.408 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

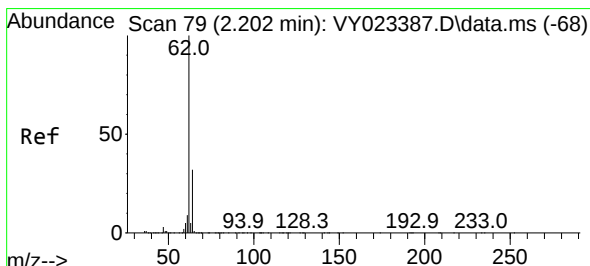
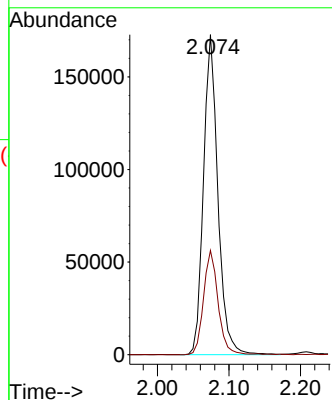
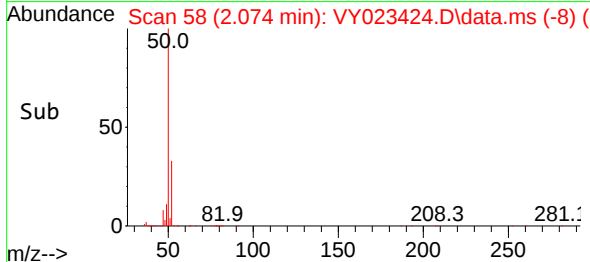
Instrument :
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Tgt Ion: 50 Resp: 241869
Ion Ratio Lower Upper
50 100
52 32.6 26.2 39.2

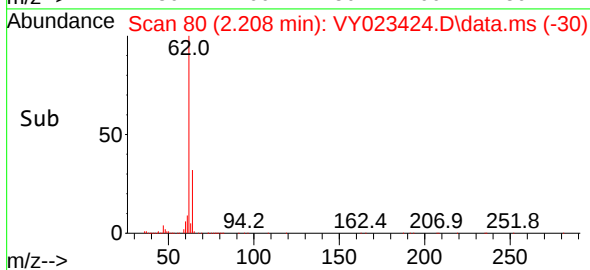
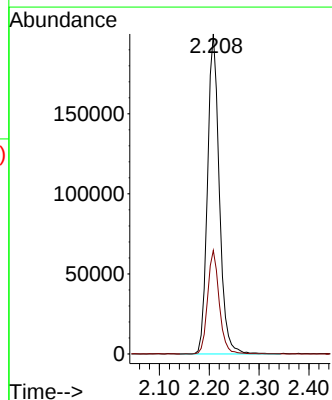
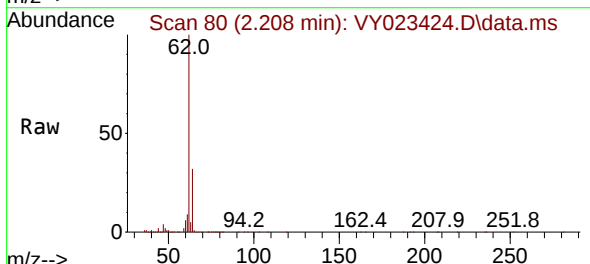
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#4
Vinyl Chloride
Concen: 46.327 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

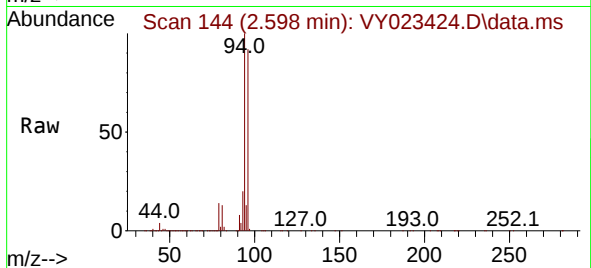
Tgt Ion: 62 Resp: 328645
Ion Ratio Lower Upper
62 100
64 32.4 25.8 38.8





#5
Bromomethane
Concen: 43.719 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

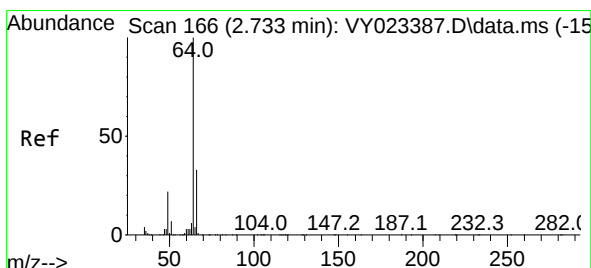
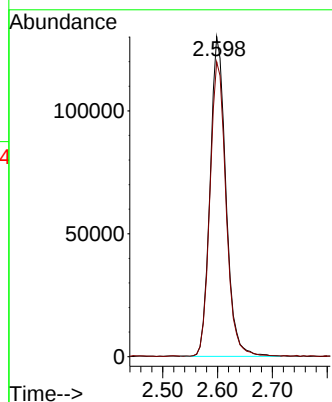
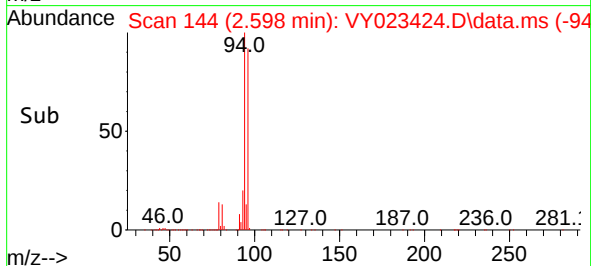
Instrument :
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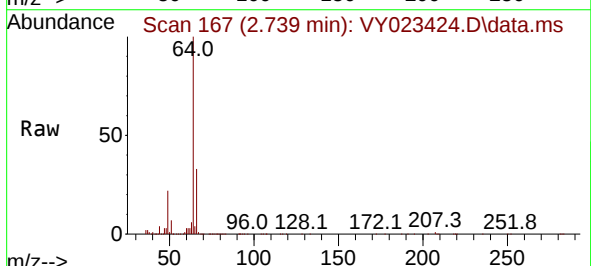
Tgt Ion: 94 Resp: 260269
Ion Ratio Lower Upper
94 100
96 92.0 74.5 111.7

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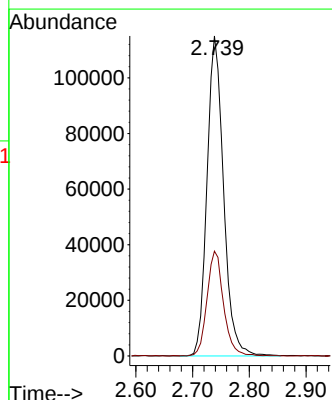
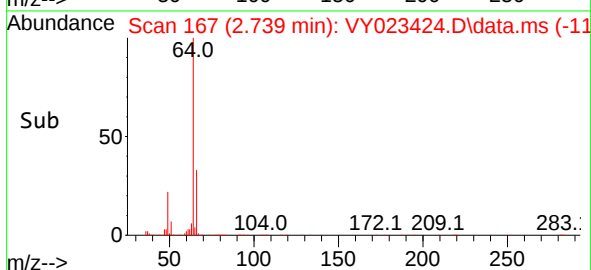
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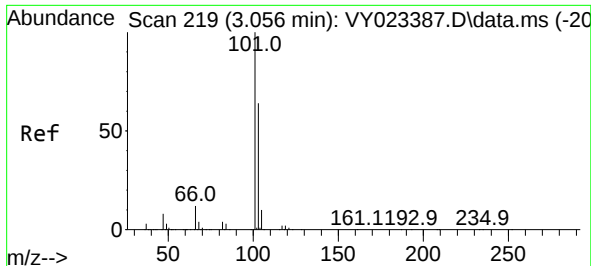


#6
Chloroethane
Concen: 48.256 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56



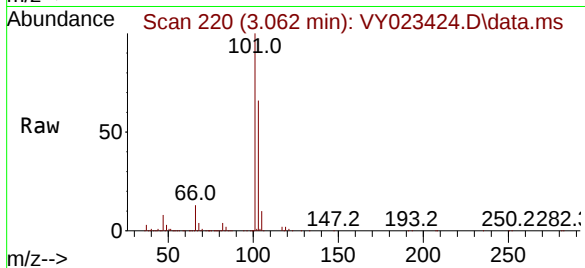
Tgt Ion: 64 Resp: 233352
Ion Ratio Lower Upper
64 100
66 32.7 26.2 39.4





#7
Trichlorofluoromethane
Concen: 46.501 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023424.D
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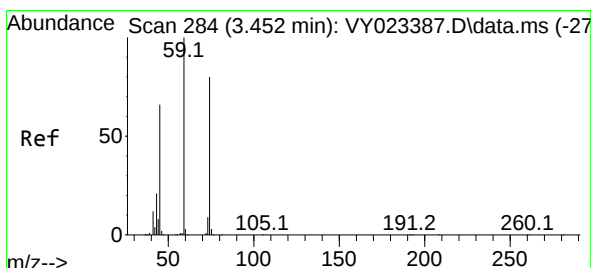
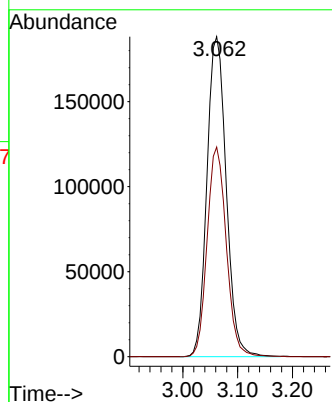
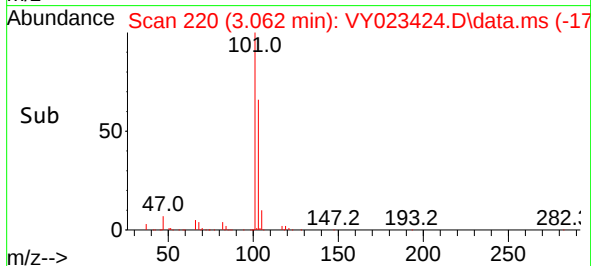
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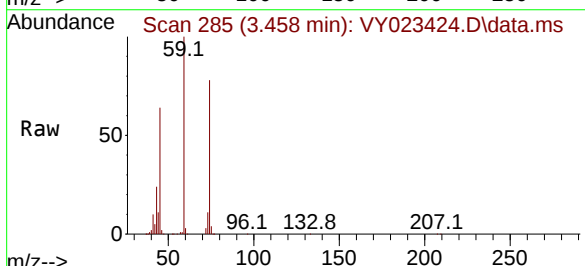
Tgt Ion:101 Resp: 458034
Ion Ratio Lower Upper
101 100
103 65.5 51.3 76.9

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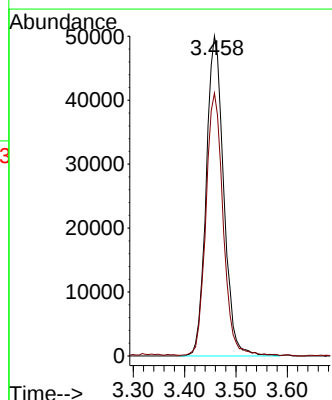
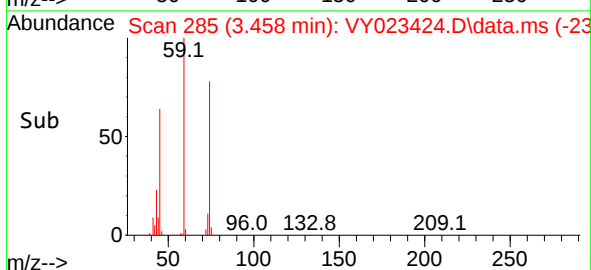
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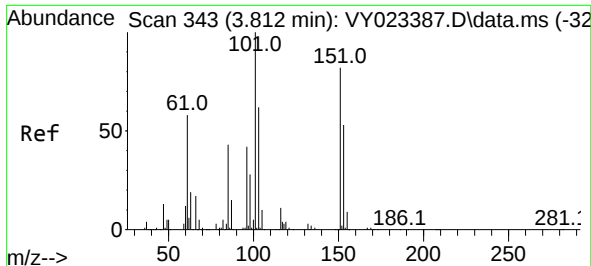


#8
Diethyl Ether
Concen: 45.878 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56



Tgt Ion: 74 Resp: 118082
Ion Ratio Lower Upper
74 100
45 80.4 39.9 119.7





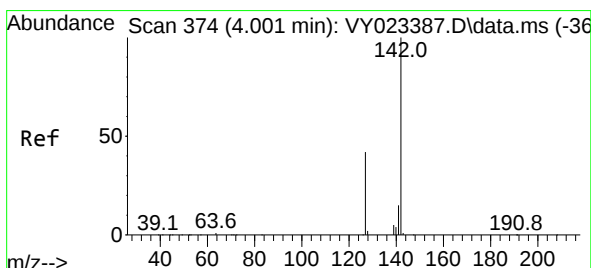
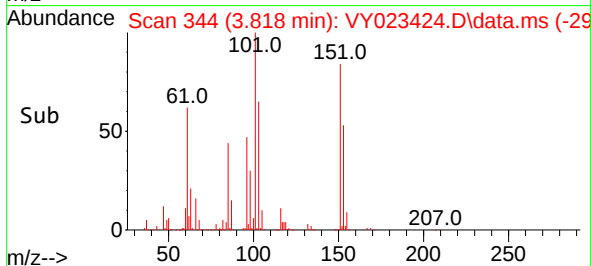
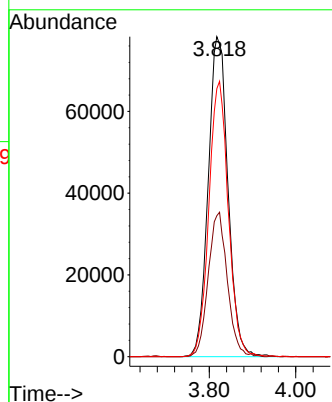
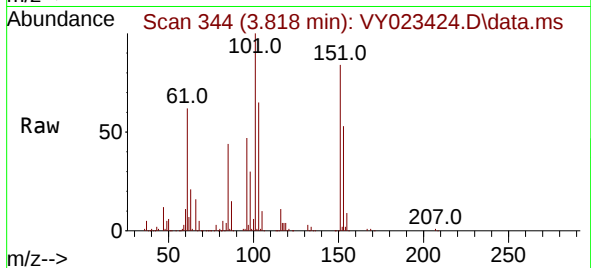
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.577 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

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Tgt Ion:101 Resp: 24829
Ion Ratio Lower Upper
101 100
85 43.6 34.6 51.8
151 84.6 67.0 100.6

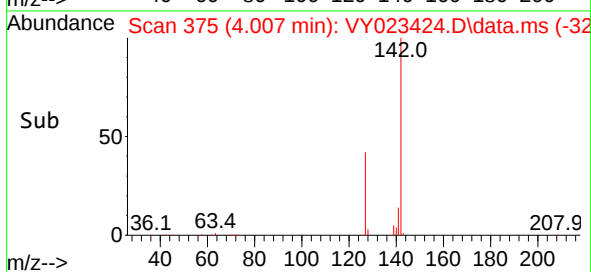
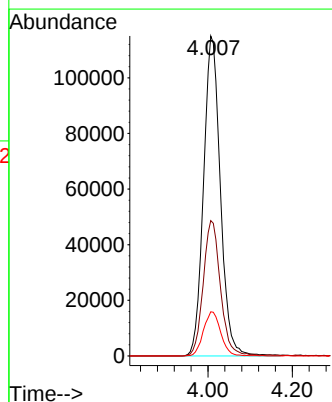
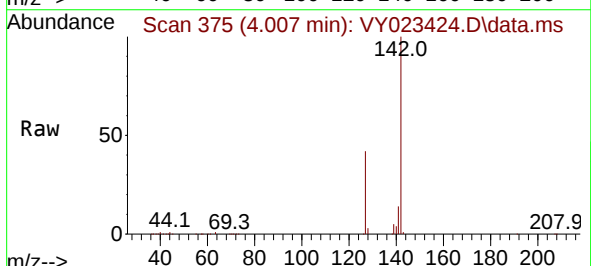
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025



#10
Methyl Iodide
Concen: 56.182 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

Tgt Ion:142 Resp: 319686
Ion Ratio Lower Upper
142 100
127 43.3 34.8 52.2
141 14.2 11.6 17.4





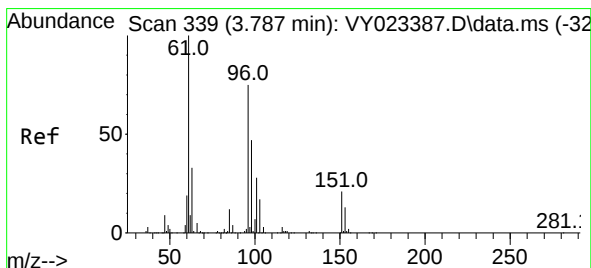
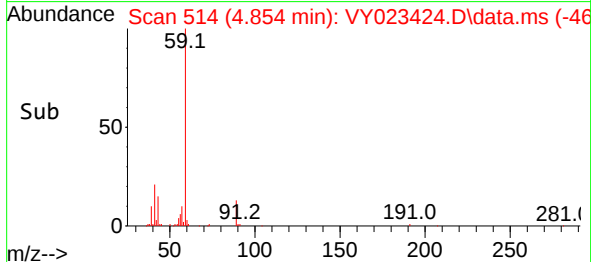
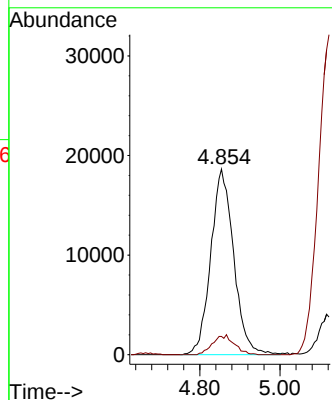
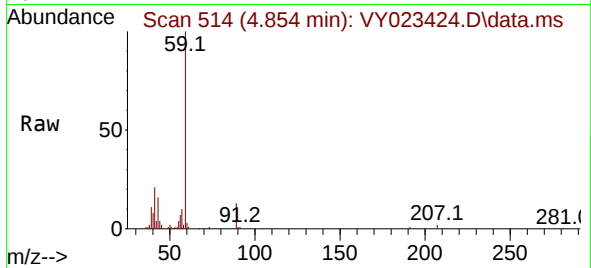
#11
Tert butyl alcohol
Concen: 214.015 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 7395
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

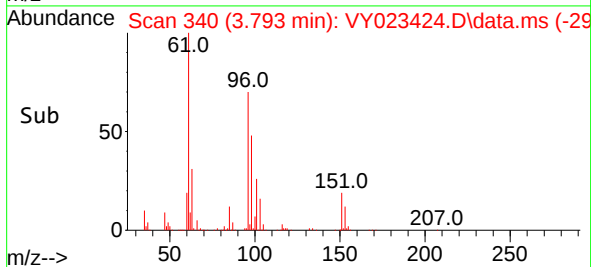
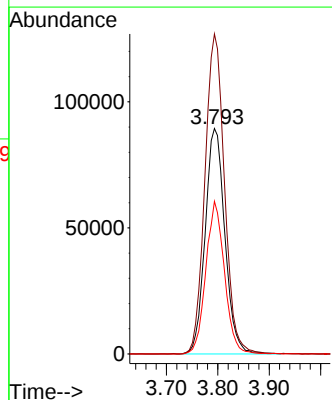
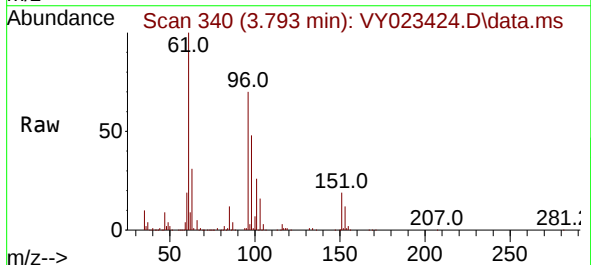
Manual Integrations
APPROVED

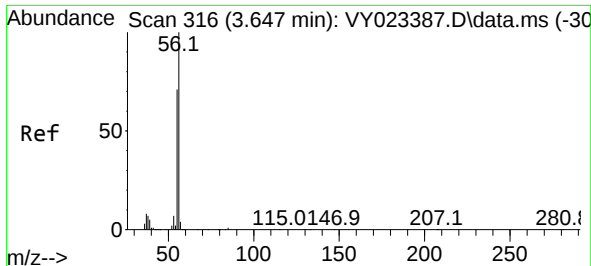
Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025



#12
1,1-Dichloroethene
Concen: 48.154 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

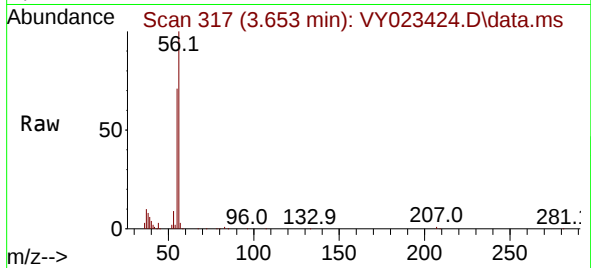
Tgt Ion: 96 Resp: 238596
Ion Ratio Lower Upper
96 100
61 141.9 106.7 160.1
98 67.7 50.2 75.4





#13
Acrolein
Concen: 177.859 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

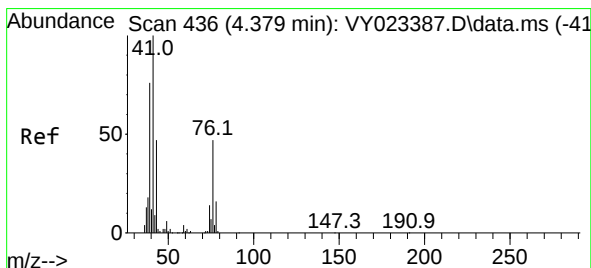
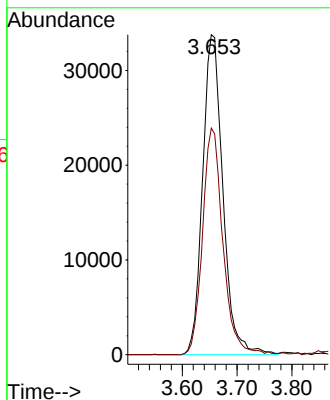
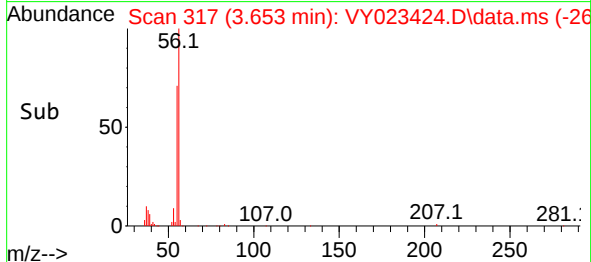
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



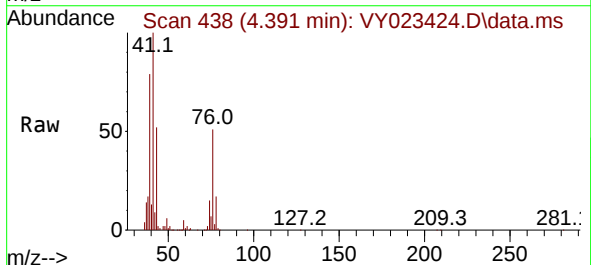
Tgt Ion: 56 Resp: 8684
Ion Ratio Lower Upper
56 100
55 70.8 56.1 84.1

Manual Integrations
APPROVED

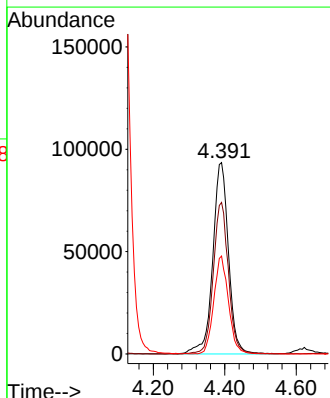
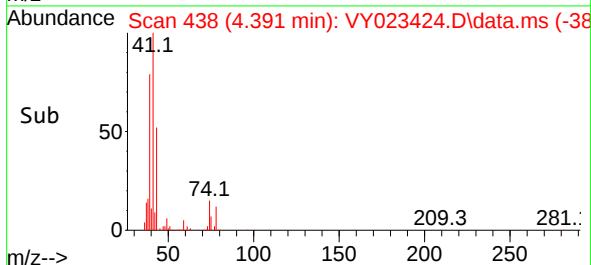
Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025

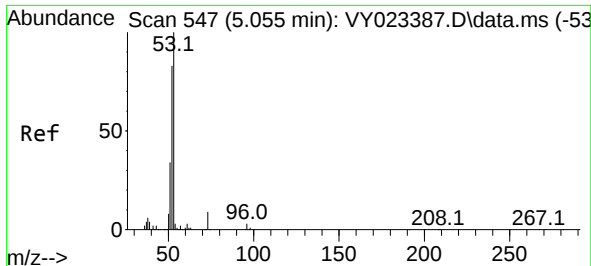


#14
Allyl chloride
Concen: 47.355 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56



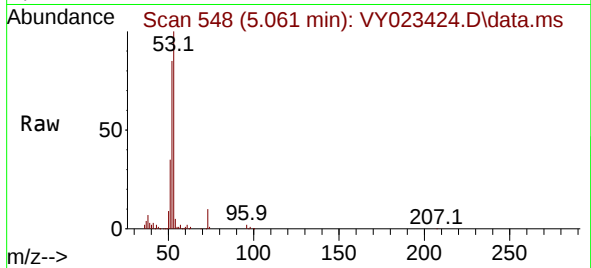
Tgt Ion: 41 Resp: 285959
Ion Ratio Lower Upper
41 100
39 76.2 59.9 89.9
76 47.4 38.0 57.0





#15
Acrylonitrile
Concen: 237.482 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

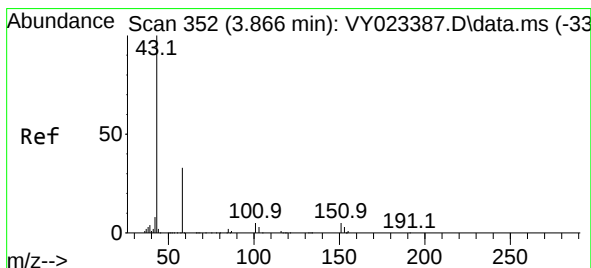
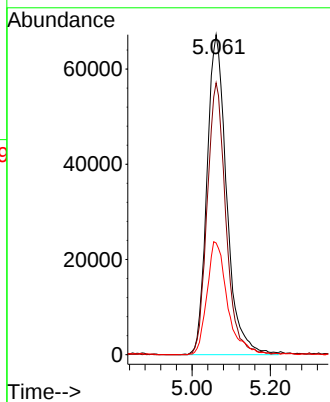
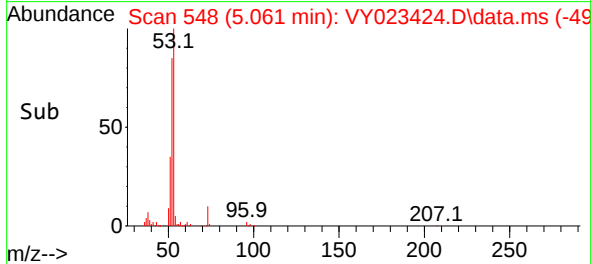
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



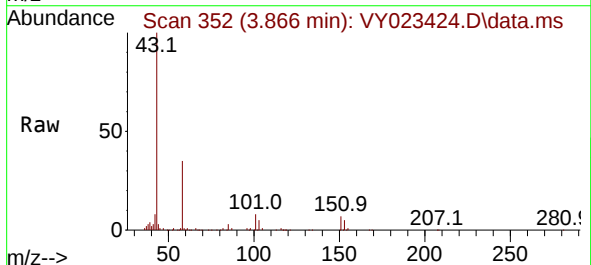
Tgt Ion: 53 Resp: 233918
Ion Ratio Lower Upper
53 100
52 80.7 64.6 97.0
51 36.8 29.5 44.3

Manual Integrations
APPROVED

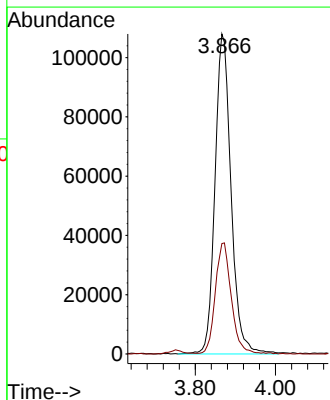
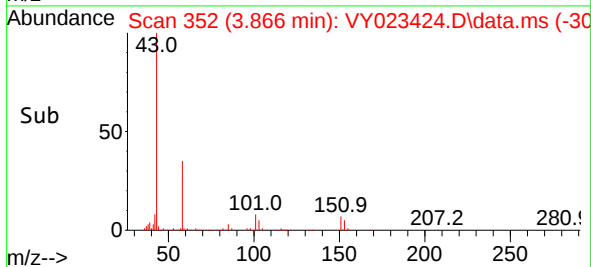
Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025

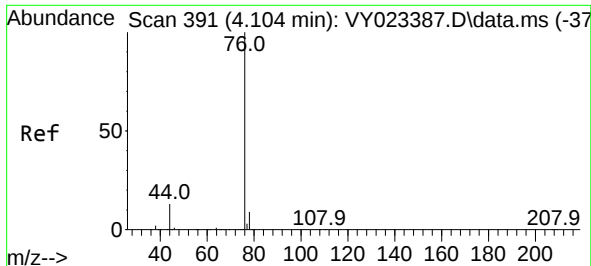


#16
Acetone
Concen: 271.380 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56



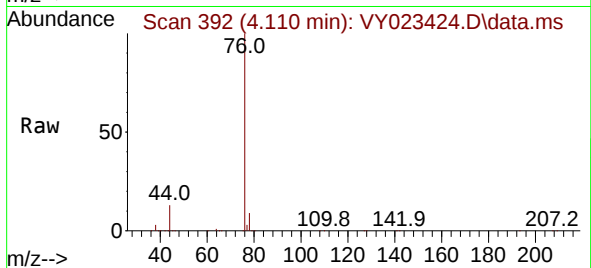
Tgt Ion: 43 Resp: 300090
Ion Ratio Lower Upper
43 100
58 34.5 27.7 41.5





#17
Carbon Disulfide
Concen: 48.911 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

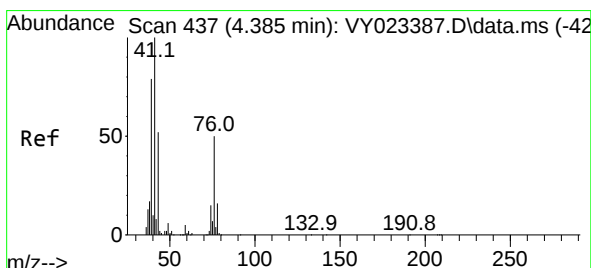
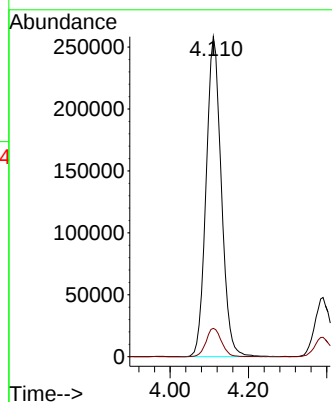
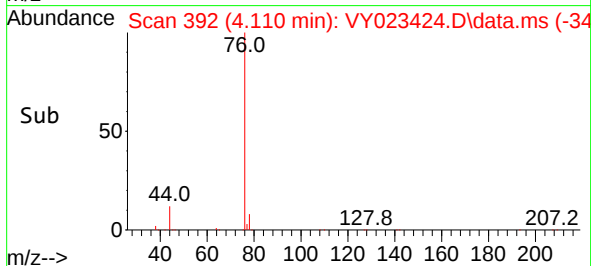
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 693628
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

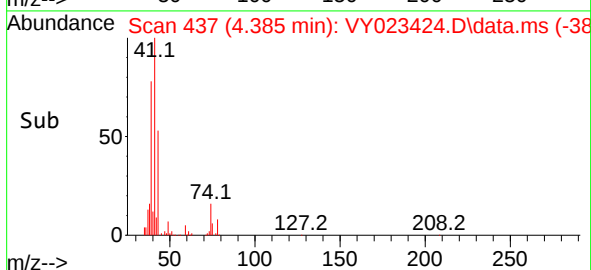
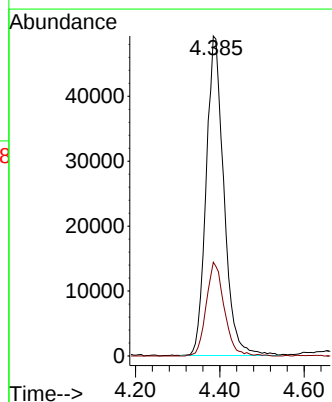
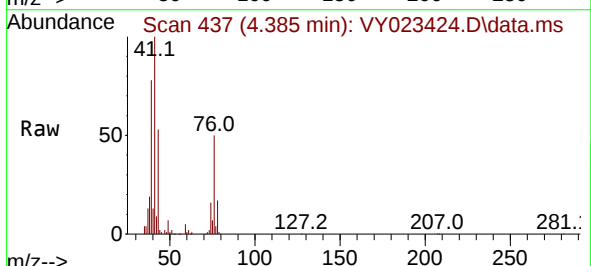
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025



#18
Methyl Acetate
Concen: 49.656 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

Tgt Ion: 43 Resp: 144038
Ion Ratio Lower Upper
43 100
74 29.6 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 48.051 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023424.D

Acq: 10 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 57221

Ion Ratio Lower Upper

73 100

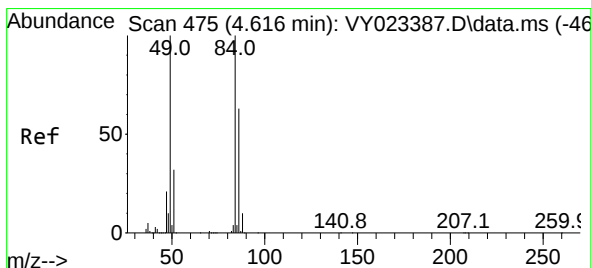
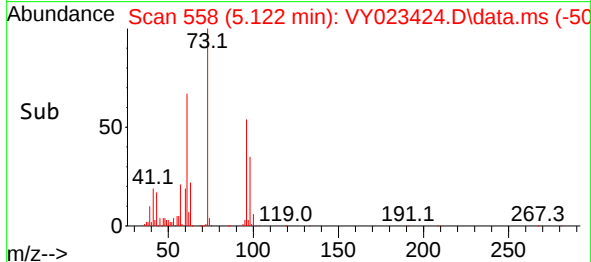
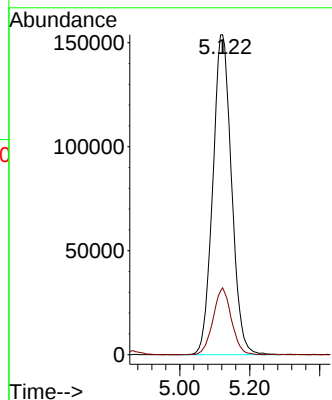
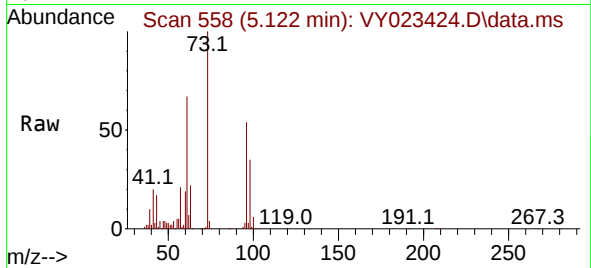
57 20.9 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2025

Supervised By :Semsettin Yesilyurt 10/13/2025



#20

Methylene Chloride

Concen: 43.630 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY023424.D

Acq: 10 Oct 2025 08:56

Tgt Ion: 84 Resp: 260884

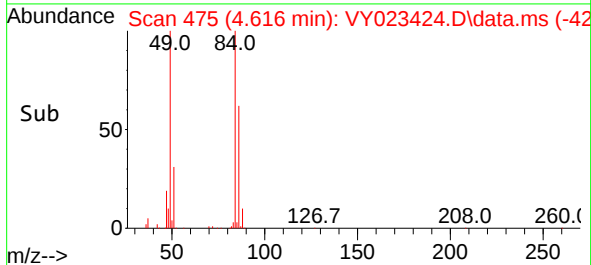
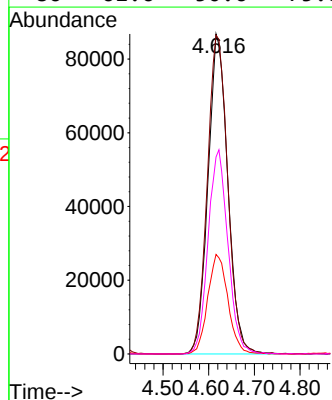
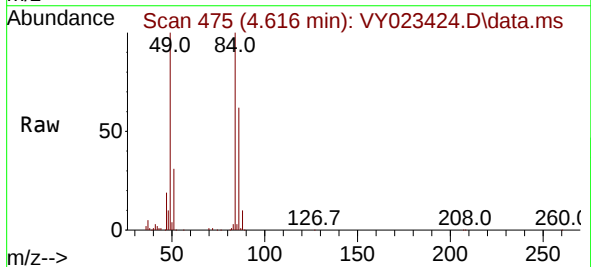
Ion Ratio Lower Upper

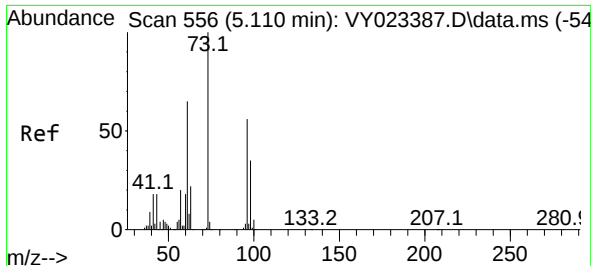
84 100

49 99.7 80.2 120.4

51 31.1 25.9 38.9

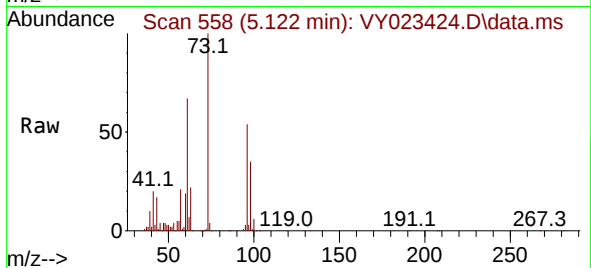
86 61.6 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 48.874 ug/l
RT: 5.122 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

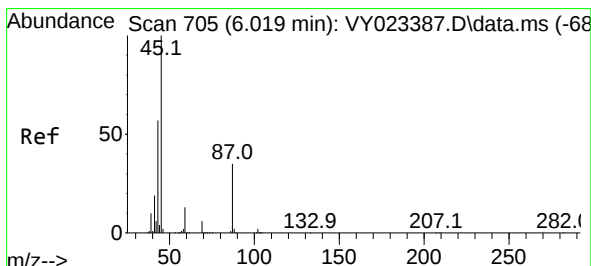
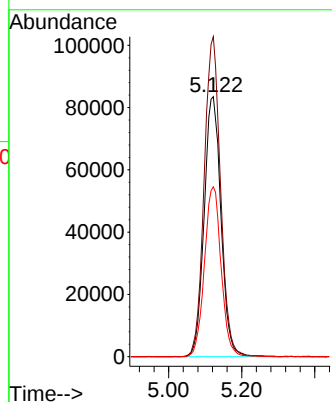
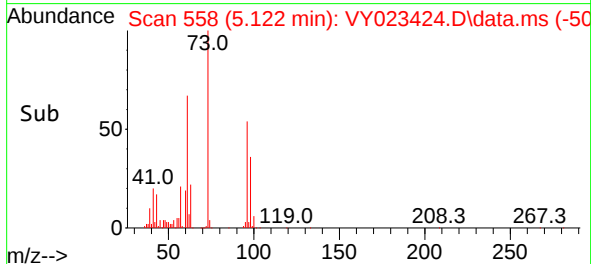
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



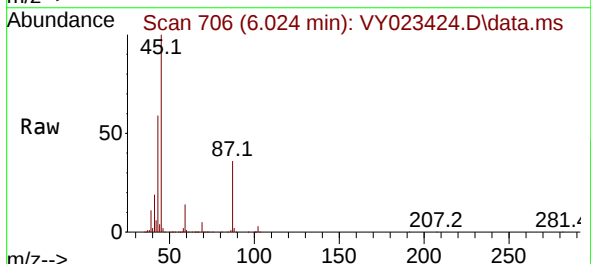
Tgt Ion: 96 Resp: 266615
Ion Ratio Lower Upper
96 100
61 123.1 92.7 139.1
98 65.4 49.7 74.5

Manual Integrations
APPROVED

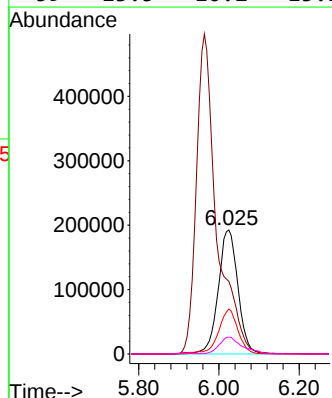
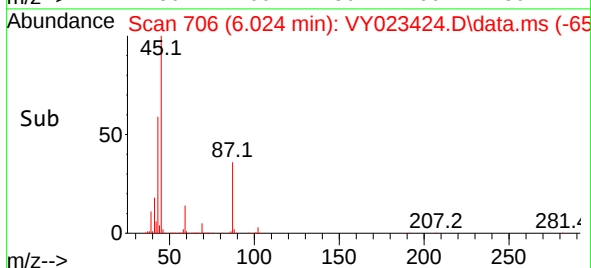
Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025



#22
Diisopropyl ether
Concen: 48.946 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56



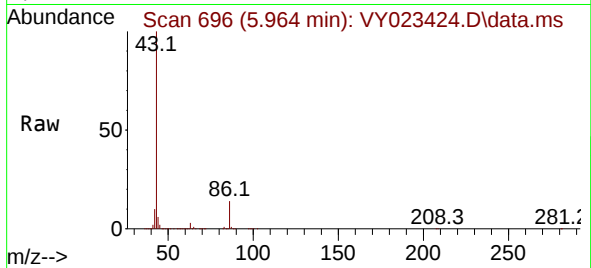
Tgt Ion: 45 Resp: 653774
Ion Ratio Lower Upper
45 100
43 58.1 45.6 68.4
87 36.1 28.1 42.1
59 13.5 10.2 15.2





#23
 Vinyl Acetate
 Concen: 241.160 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023424.D
 Acq: 10 Oct 2025 08:56

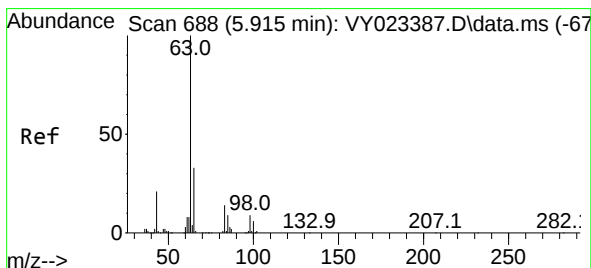
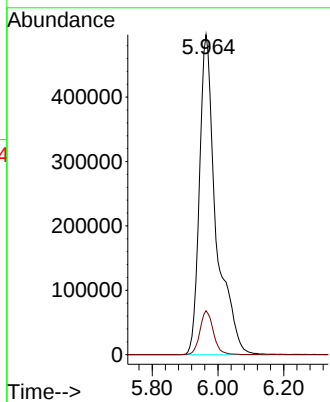
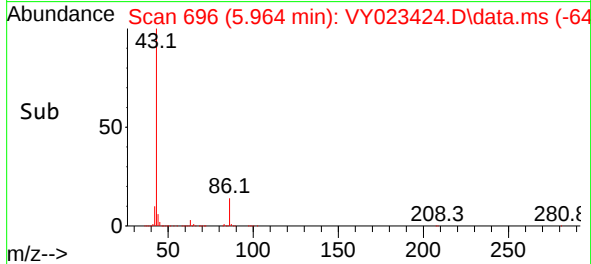
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



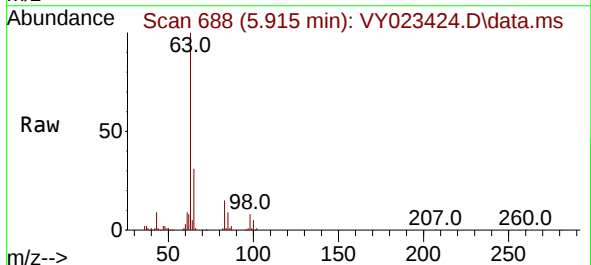
Tgt Ion: 43 Resp: 174356
 Ion Ratio Lower Upper
 43 100
 86 13.7 10.6 15.8

Manual Integrations
 APPROVED

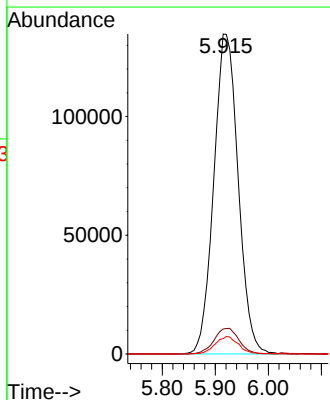
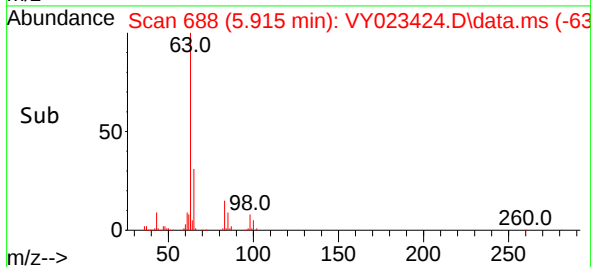
Reviewed By :Mahesh Dadoda 10/13/2025
 Supervised By :Semsettin Yesilyurt 10/13/2025

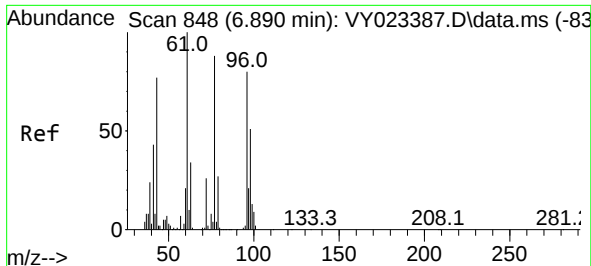


#24
 1,1-Dichloroethane
 Concen: 48.646 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY023424.D
 Acq: 10 Oct 2025 08:56



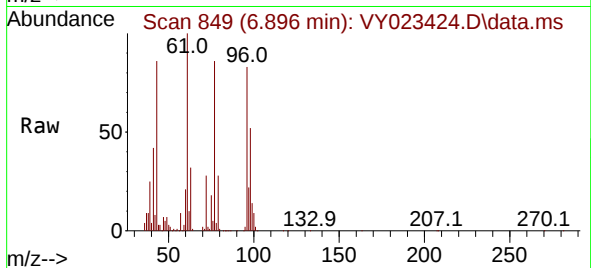
Tgt Ion: 63 Resp: 430417
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.3 13.1
 100 4.8 2.8 8.4





#25
2-Butanone
Concen: 243.810 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

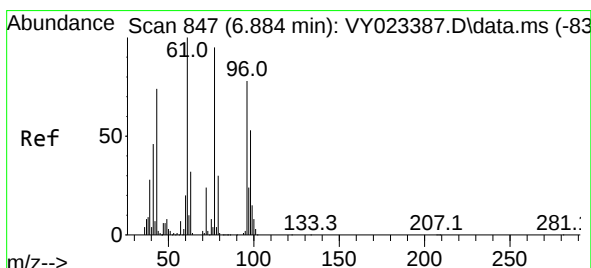
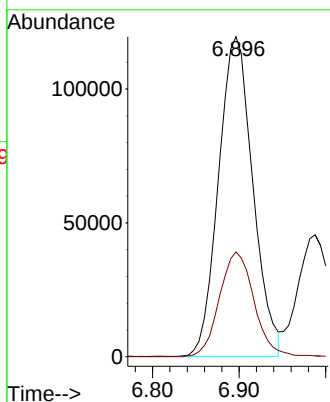
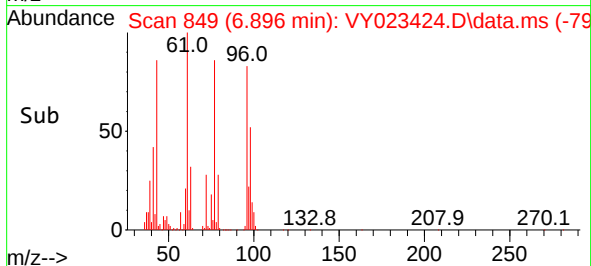
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



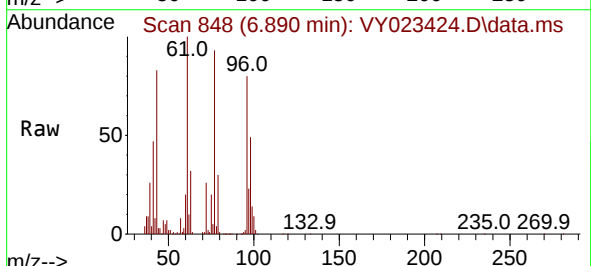
Tgt Ion: 43 Resp: 32914
Ion Ratio Lower Upper
43 100
72 32.8 27.4 41.2

Manual Integrations
APPROVED

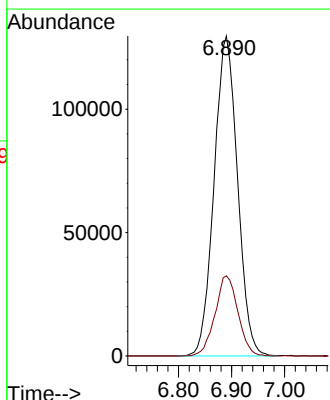
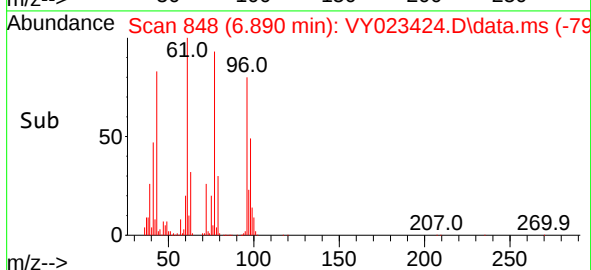
Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025

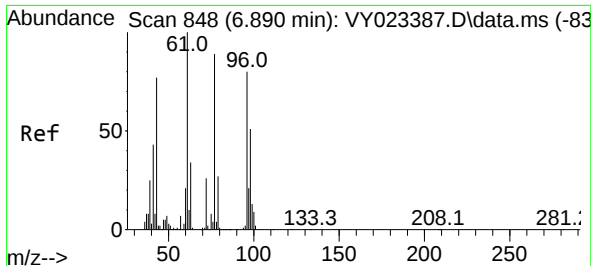


#26
2,2-Dichloropropane
Concen: 48.961 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56



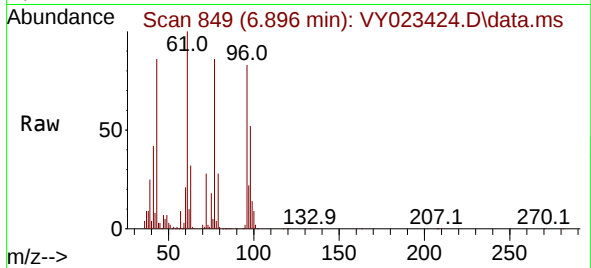
Tgt Ion: 77 Resp: 397500
Ion Ratio Lower Upper
77 100
97 24.5 12.1 36.3





#27
cis-1,2-Dichloroethene
Concen: 49.842 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

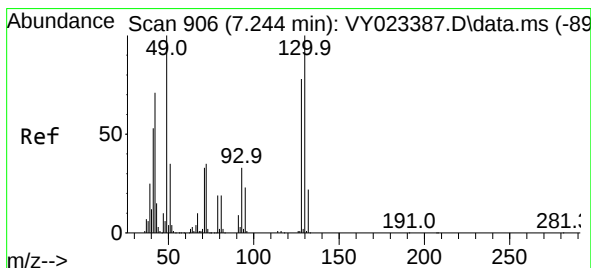
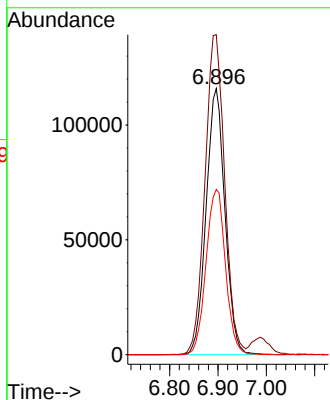
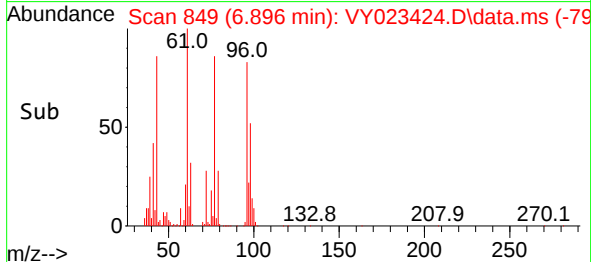
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



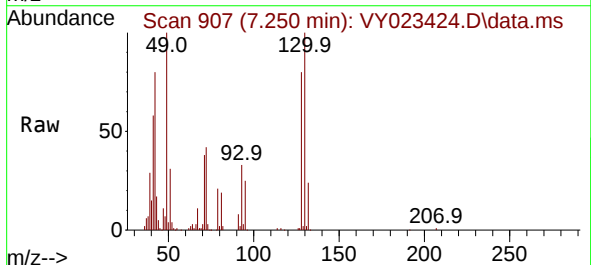
Tgt Ion: 96 Resp: 314070
Ion Ratio Lower Upper
96 100
61 125.9 0.0 258.2
98 64.2 0.0 132.0

Manual Integrations
APPROVED

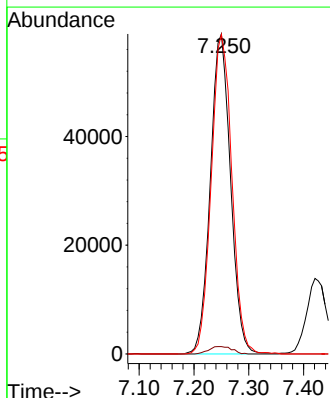
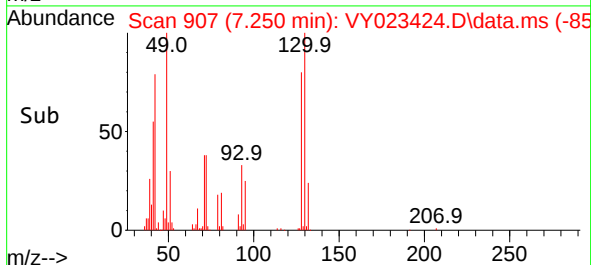
Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025

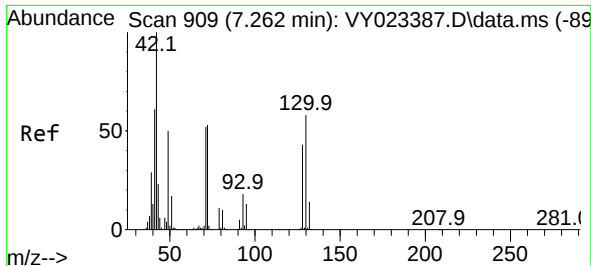


#28
Bromochloromethane
Concen: 45.522 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56



Tgt Ion: 49 Resp: 150362
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.6
130 102.2 81.9 122.9





#29

Tetrahydrofuran

Concen: 238.121 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023424.D

Acq: 10 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 182292

Ion Ratio Lower Upper

42 100

72 53.8 43.0 64.6

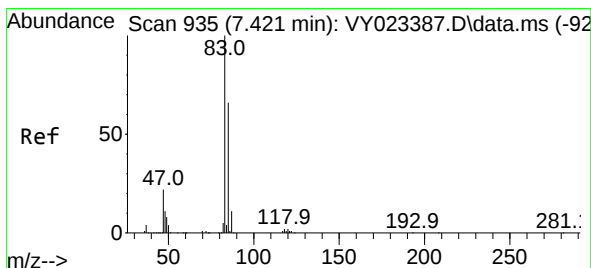
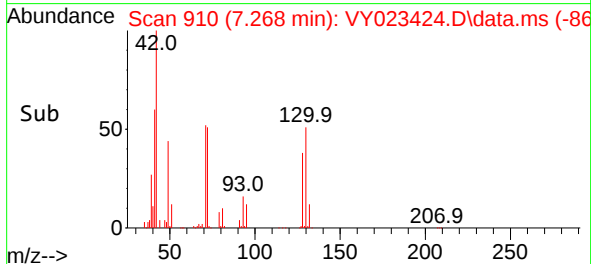
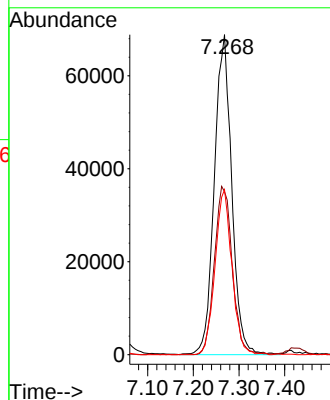
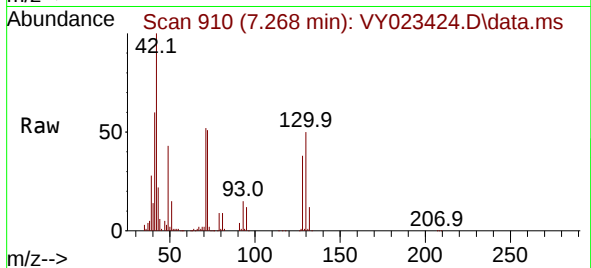
71 50.1 40.1 60.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2025

Supervised By :Semsettin Yesilyurt 10/13/2025



#30

Chloroform

Concen: 49.360 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY023424.D

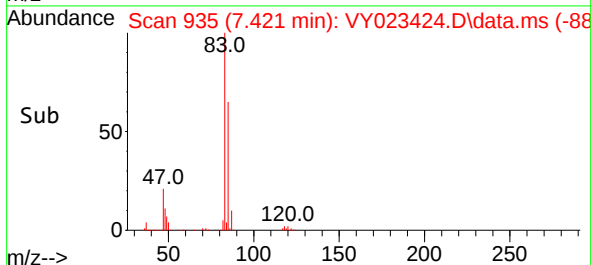
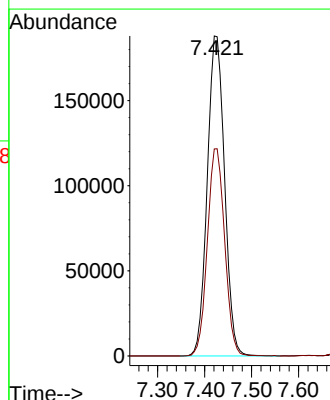
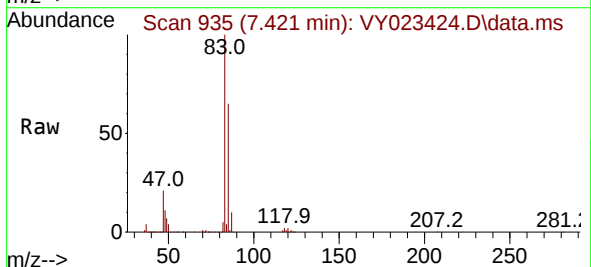
Acq: 10 Oct 2025 08:56

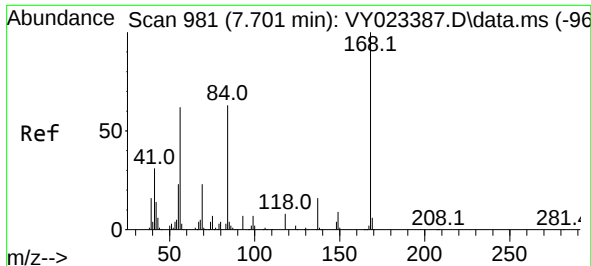
Tgt Ion: 83 Resp: 479834

Ion Ratio Lower Upper

83 100

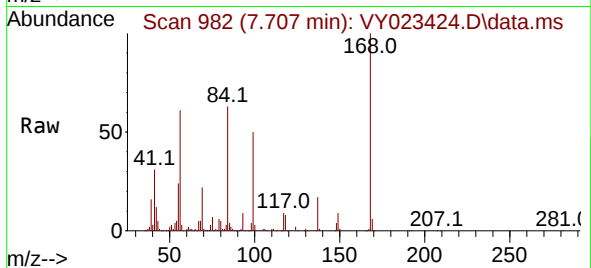
85 64.7 52.5 78.7





#31
Cyclohexane
Concen: 45.768 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

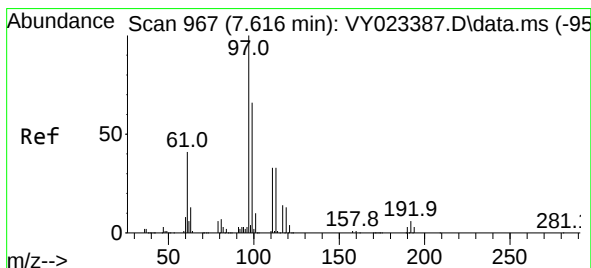
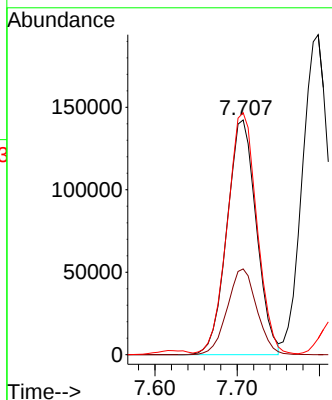
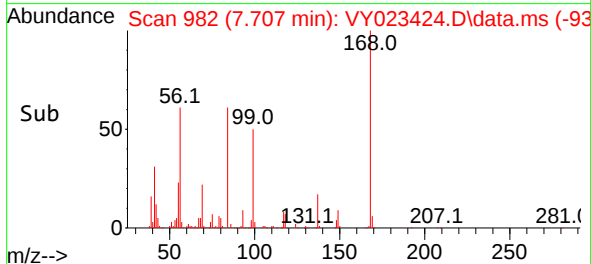
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



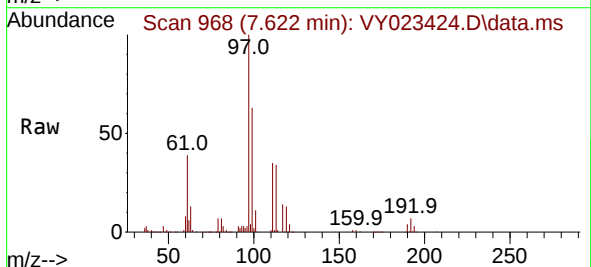
Tgt Ion: 56 Resp: 353638
Ion Ratio Lower Upper
56 100
69 36.6 30.0 45.0
84 101.5 81.2 121.8

Manual Integrations
APPROVED

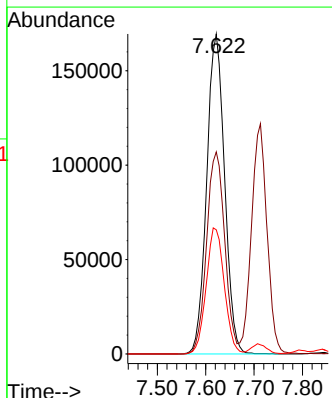
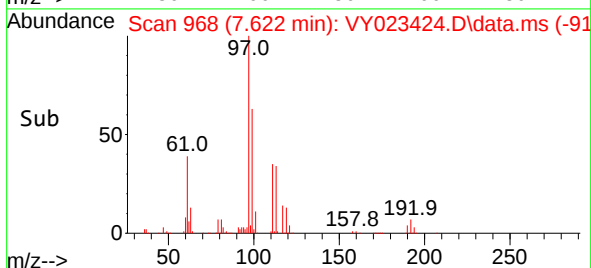
Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025



#32
1,1,1-Trichloroethane
Concen: 49.321 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56



Tgt Ion: 97 Resp: 435710
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.2
61 39.9 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 45.510 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023424.D

Acq: 10 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 211380

Ion Ratio Lower Upper

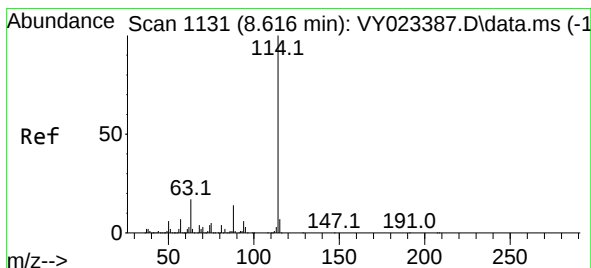
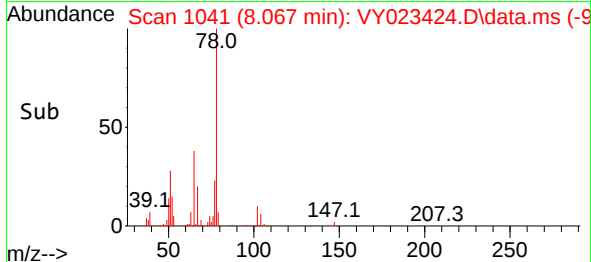
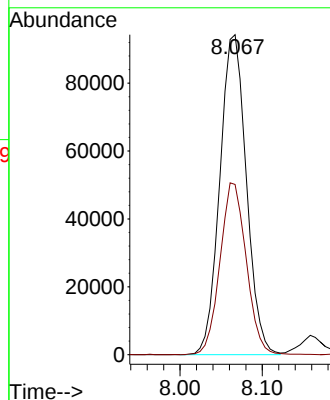
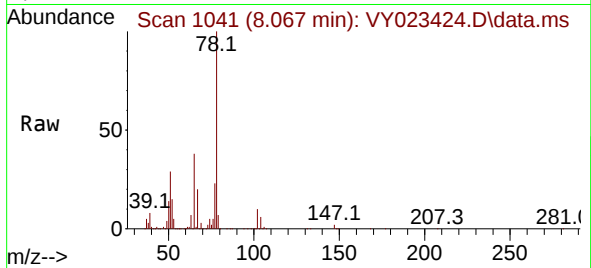
65 100

67 53.2 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023424.D

Acq: 10 Oct 2025 08:56

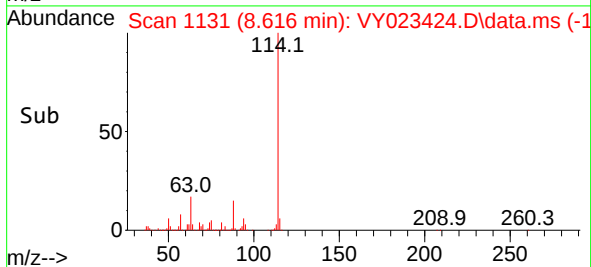
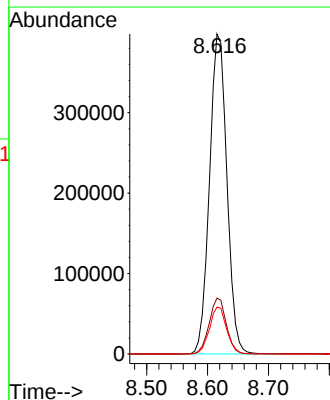
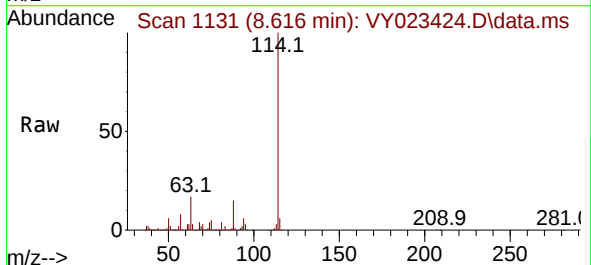
Tgt Ion:114 Resp: 789535

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.2

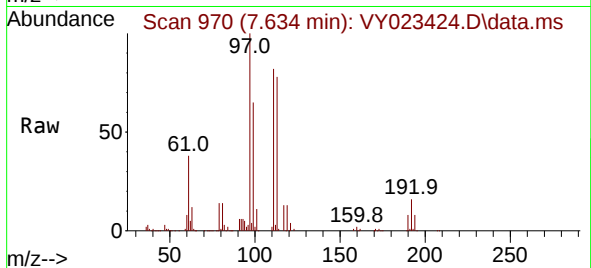
88 14.7 0.0 28.4





#35
Dibromofluoromethane
Concen: 48.306 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

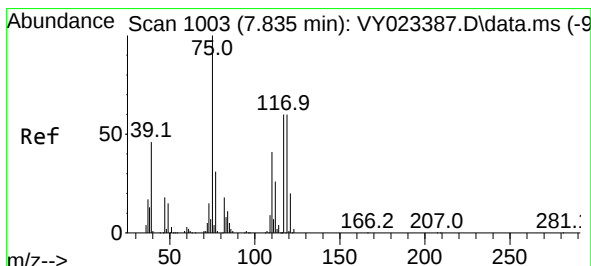
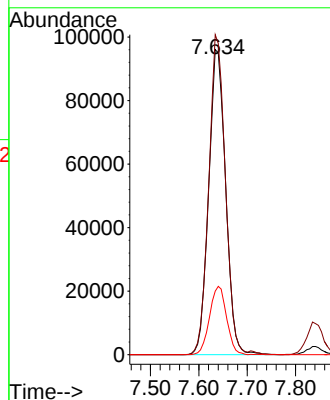
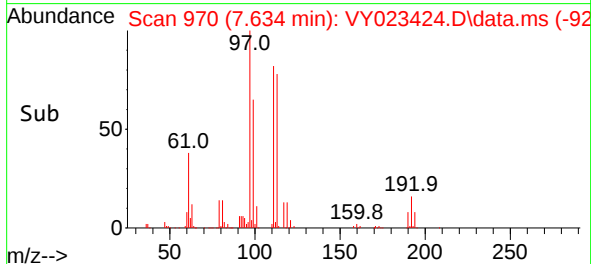
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



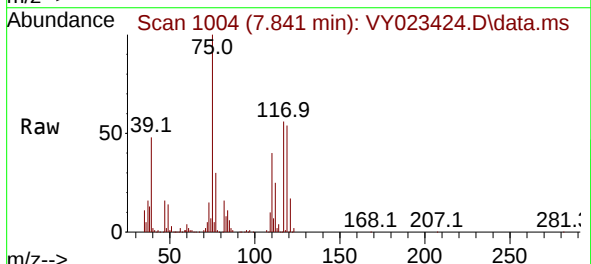
Tgt Ion:113 Resp: 234340
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.6
192 22.4 18.0 27.0

Manual Integrations
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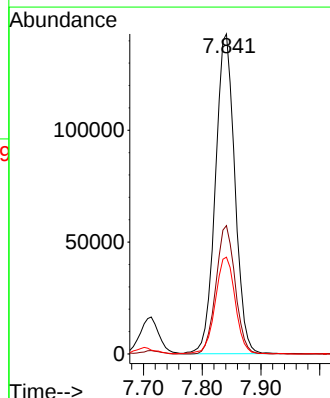
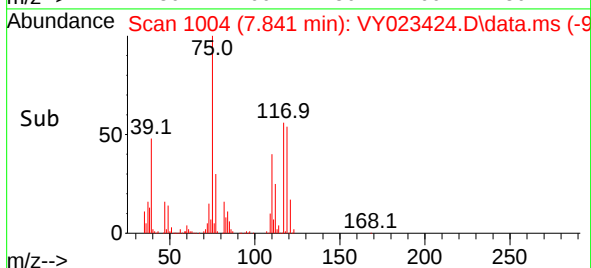
Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025

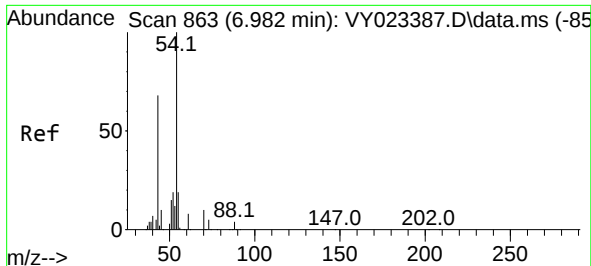


#36
1,1-Dichloropropene
Concen: 51.084 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56



Tgt Ion: 75 Resp: 328095
Ion Ratio Lower Upper
75 100
110 39.7 19.9 59.7
77 31.1 25.0 37.6





#37

Ethyl Acetate

Concen: 49.399 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023424.D

Acq: 10 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 12569

Ion Ratio Lower Upper

43 100

61 15.1 11.8 17.8

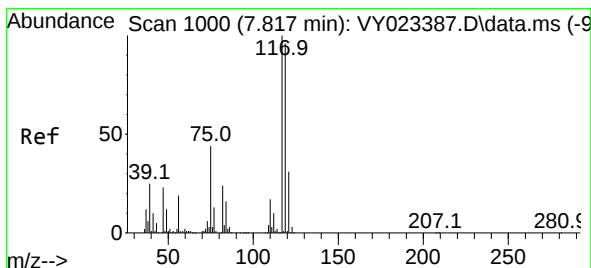
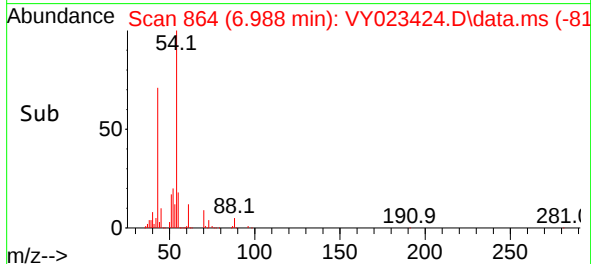
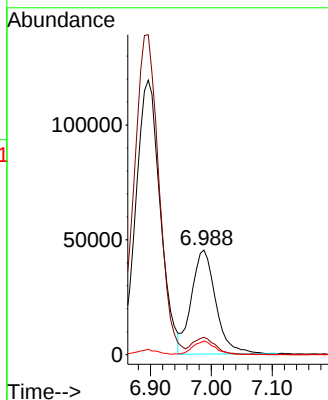
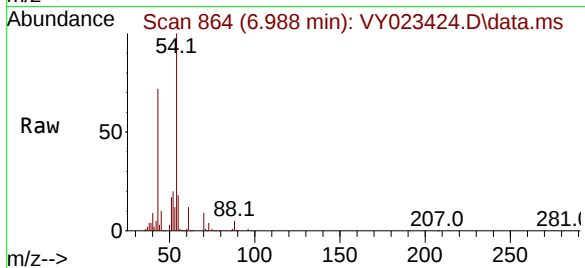
70 12.3 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2025

Supervised By :Semsettin Yesilyurt 10/13/2025



#38

Carbon Tetrachloride

Concen: 50.889 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023424.D

Acq: 10 Oct 2025 08:56

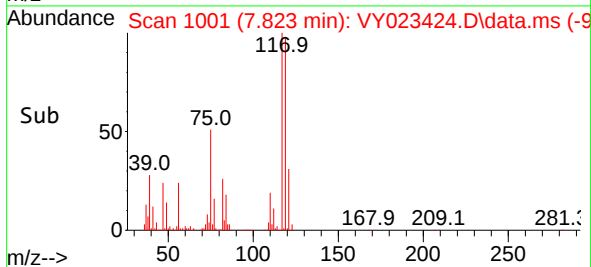
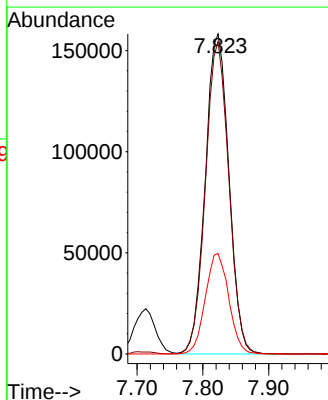
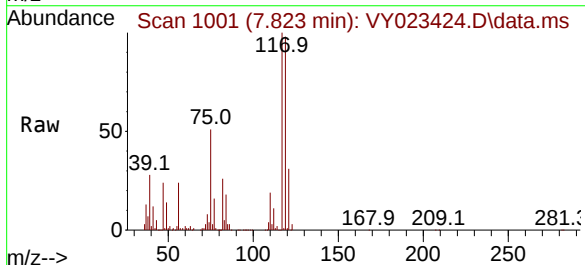
Tgt Ion:117 Resp: 396311

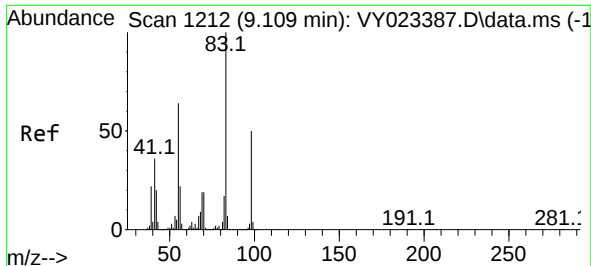
Ion Ratio Lower Upper

117 100

119 97.5 76.8 115.2

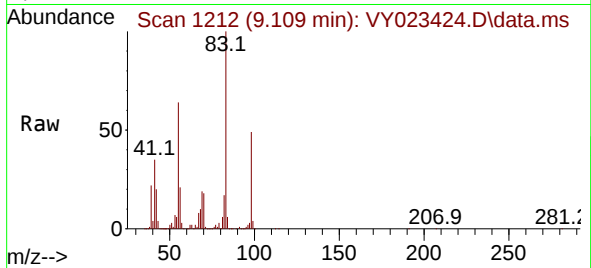
121 31.4 24.5 36.7





#39
Methylcyclohexane
Concen: 50.798 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

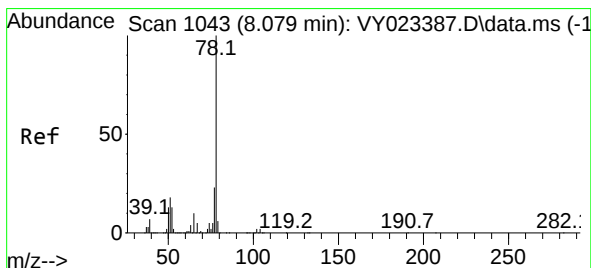
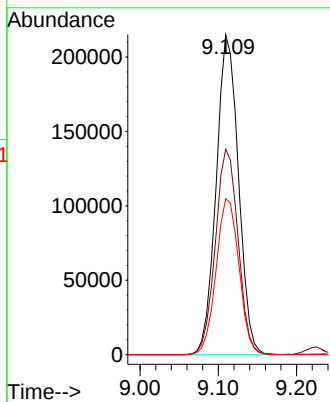
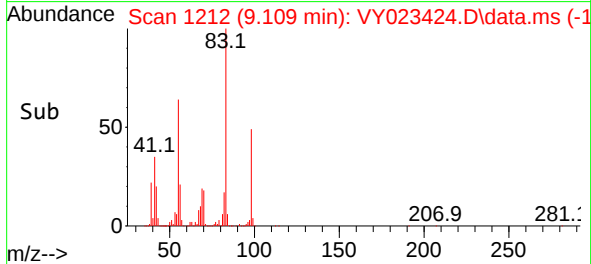
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



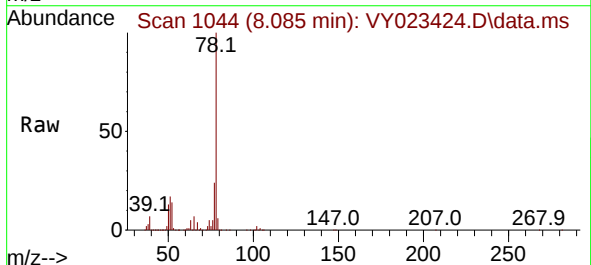
Tgt Ion: 83 Resp: 424798
Ion Ratio Lower Upper
83 100
55 64.2 51.4 77.2
98 48.7 40.4 60.6

Manual Integrations
APPROVED

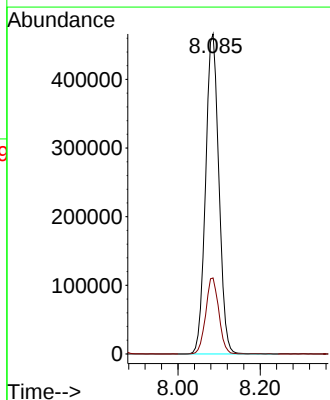
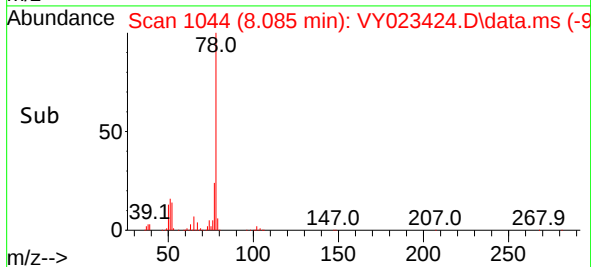
Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025



#40
Benzene
Concen: 51.350 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56



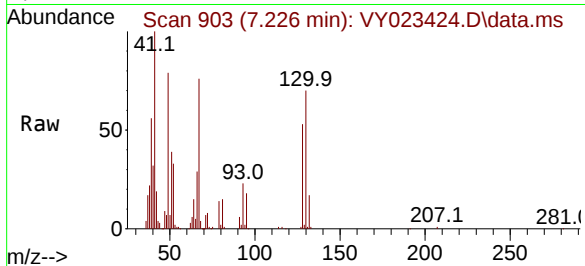
Tgt Ion: 78 Resp: 1044449
Ion Ratio Lower Upper
78 100
77 23.7 18.3 27.5





#41
Methacrylonitrile
Concen: 42.664 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

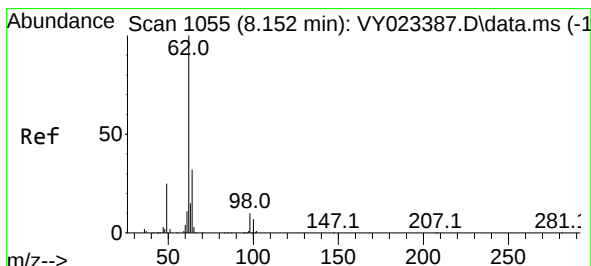
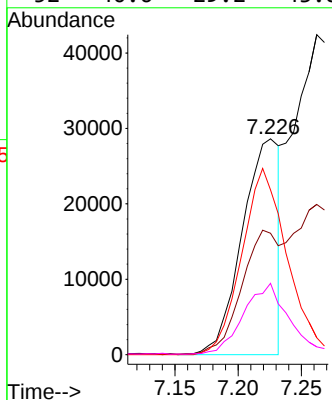
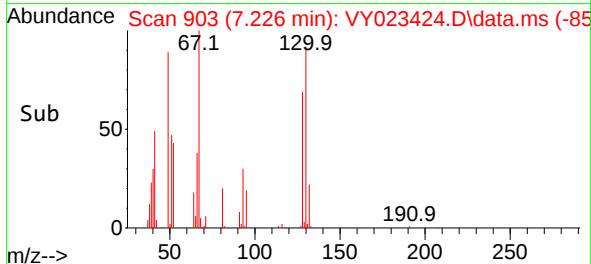
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	5871
Ion Ratio	100	Lower	Upper
39	56.3	52.2	78.4
67	106.7	74.9	112.3
52	40.6	29.2	43.8

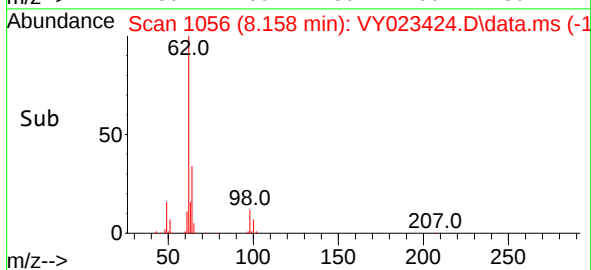
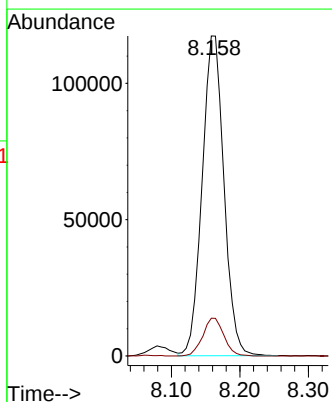
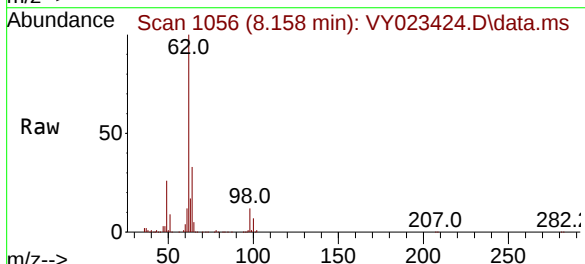
Manual Integrations
APPROVED

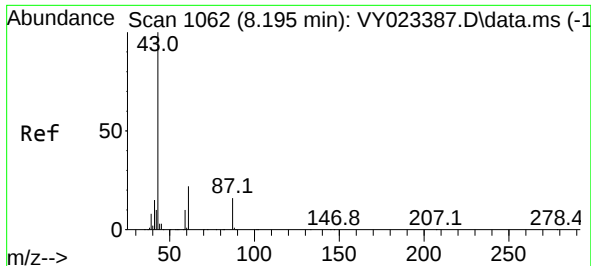
Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025



#42
1,2-Dichloroethane
Concen: 49.606 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

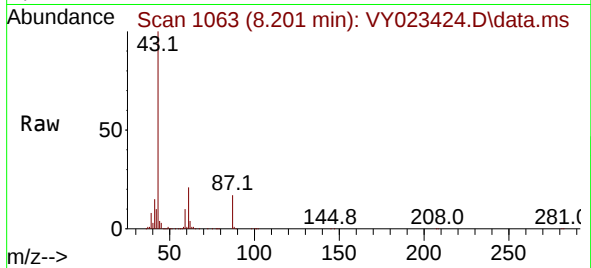
Tgt Ion:	62	Resp:	260219
Ion Ratio	100	Lower	Upper
98	11.4	0.0	21.6





#43
Isopropyl Acetate
Concen: 48.423 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

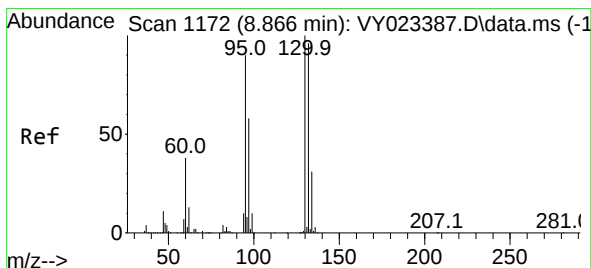
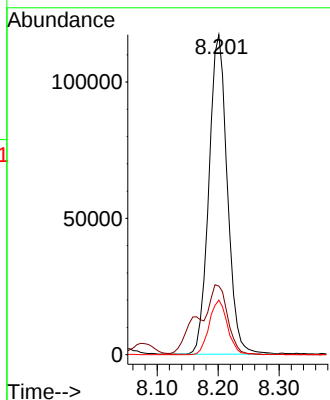
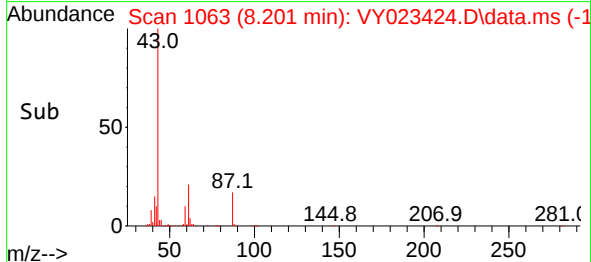
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



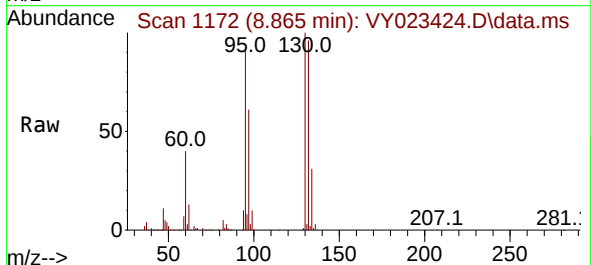
Tgt Ion: 43 Resp: 24568
Ion Ratio Lower Upper
43 100
61 22.0 18.1 27.1
87 17.0 13.5 20.3

Manual Integrations
APPROVED

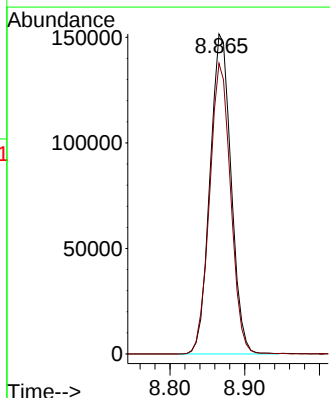
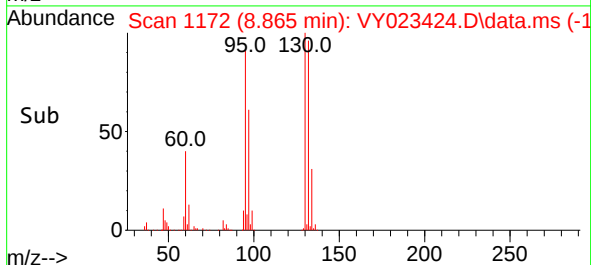
Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025



#44
Trichloroethene
Concen: 50.117 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56



Tgt Ion:130 Resp: 298362
Ion Ratio Lower Upper
130 100
95 90.8 0.0 180.6





#45

1,2-Dichloropropane

Concen: 51.069 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023424.D

Acq: 10 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 22943

Ion Ratio Lower Upper

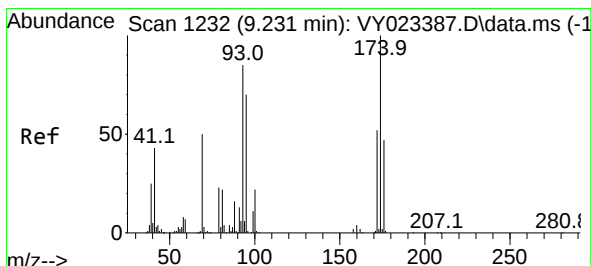
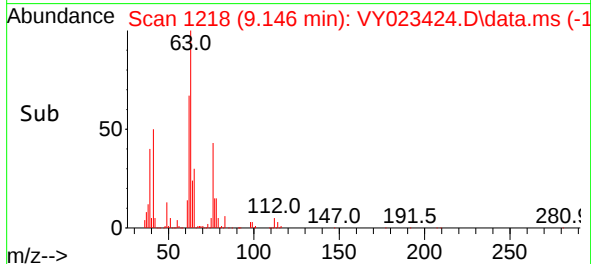
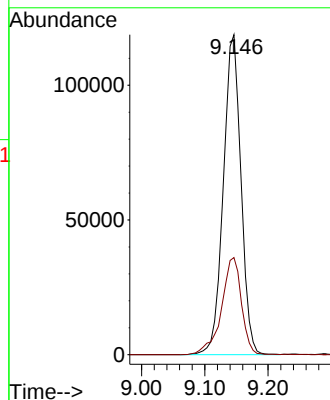
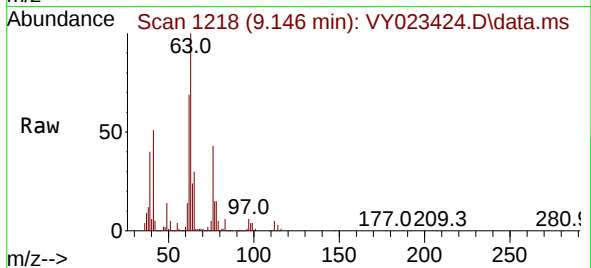
63 100

65 30.3 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025



#46

Dibromomethane

Concen: 51.028 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023424.D

Acq: 10 Oct 2025 08:56

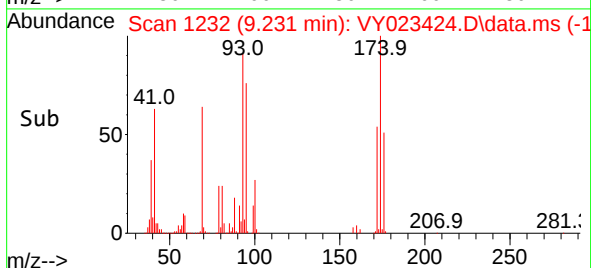
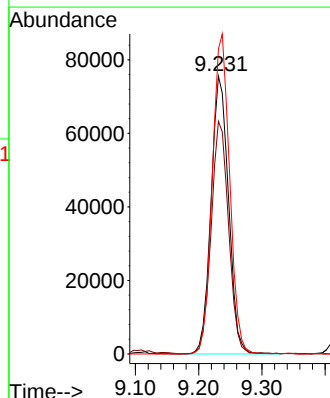
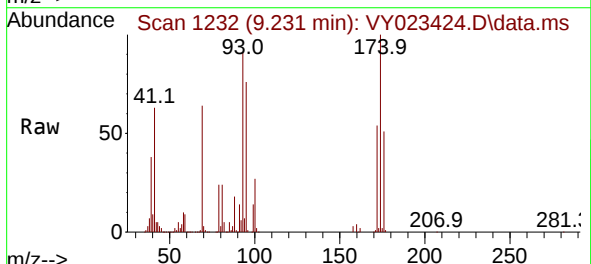
Tgt Ion: 93 Resp: 144960

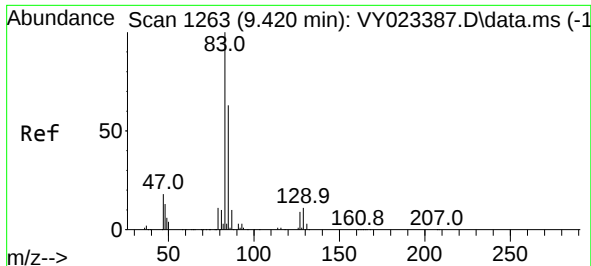
Ion Ratio Lower Upper

93 100

95 83.3 65.4 98.0

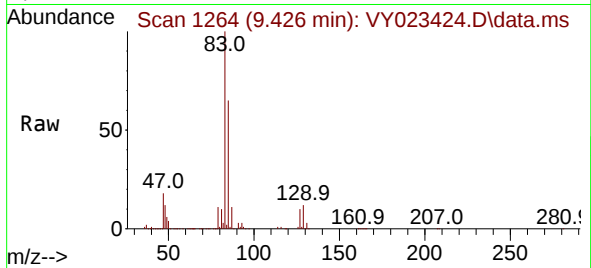
174 113.9 92.9 139.3





#47
Bromodichloromethane
Concen: 50.844 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

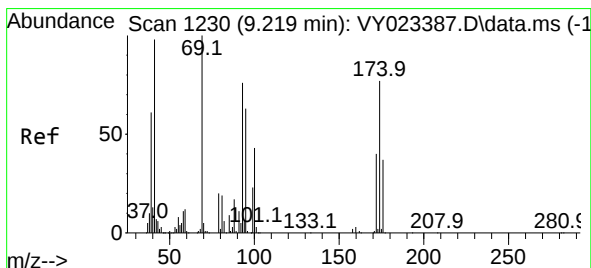
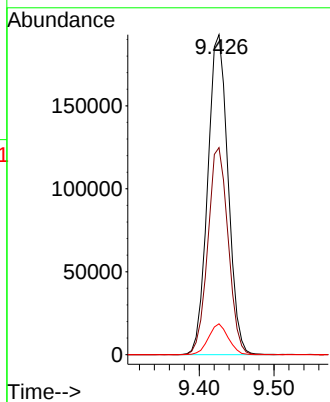
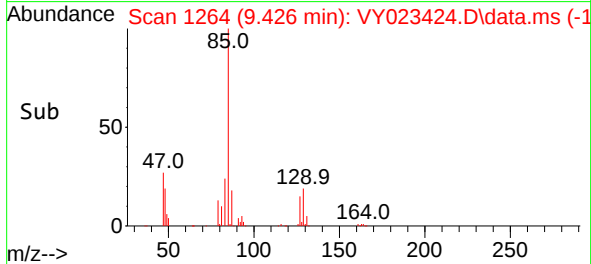
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 363774
Ion Ratio Lower Upper
83 100
85 64.7 50.8 76.2
127 9.7 7.4 11.2

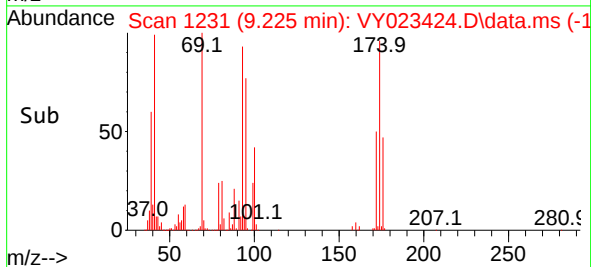
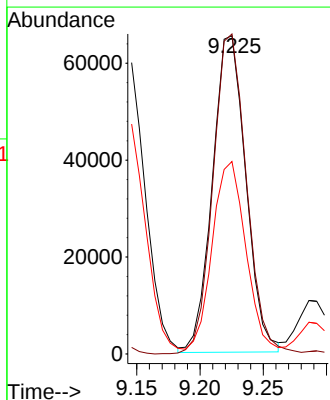
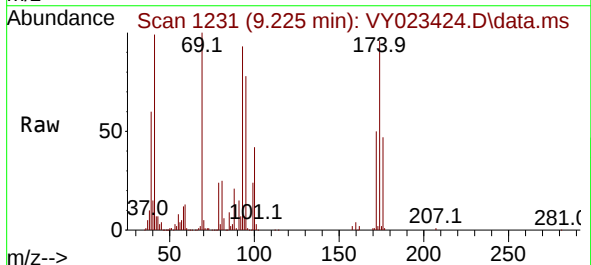
Manual Integrations
APPROVED

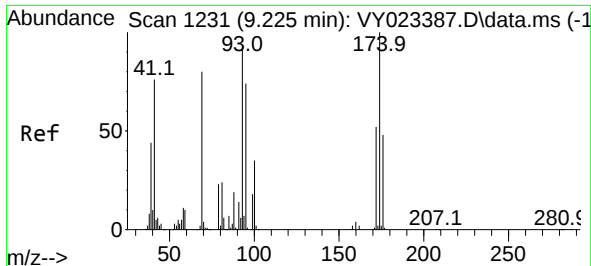
Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025



#48
Methyl methacrylate
Concen: 50.317 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

Tgt Ion: 41 Resp: 119935
Ion Ratio Lower Upper
41 100
69 101.2 81.0 121.4
39 58.8 48.2 72.4





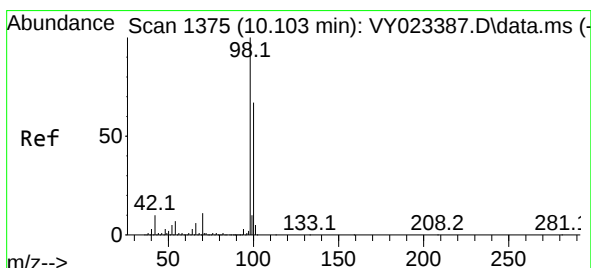
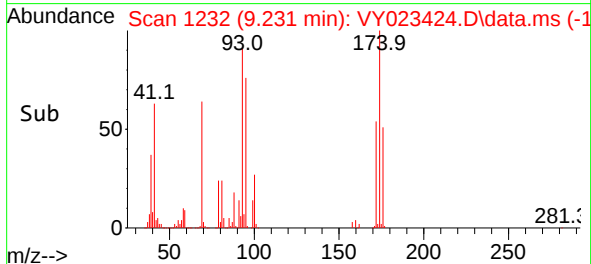
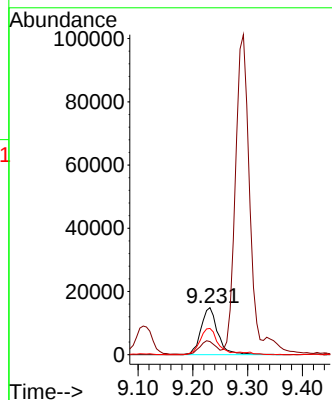
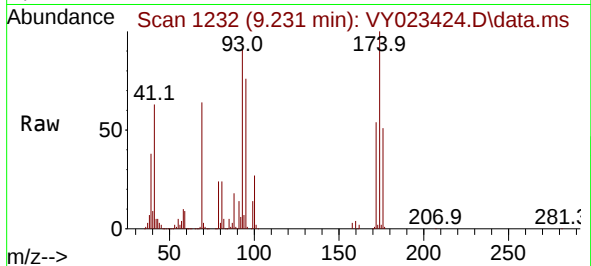
#49
1,4-Dioxane
Concen: 959.616 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 3160
Ion Ratio Lower Upper
88 100
43 26.2 21.8 32.8
58 63.7 46.8 70.2

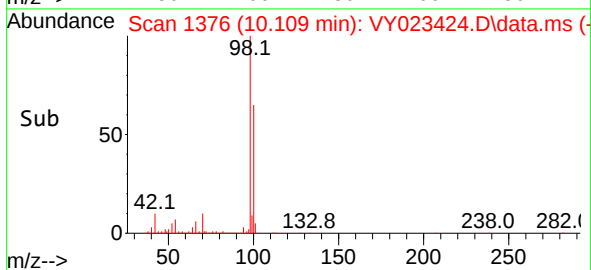
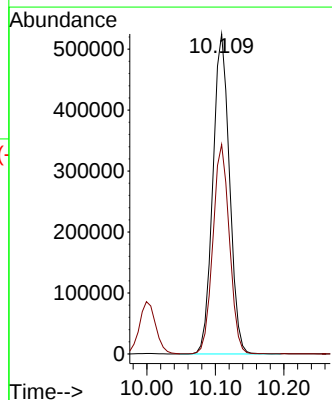
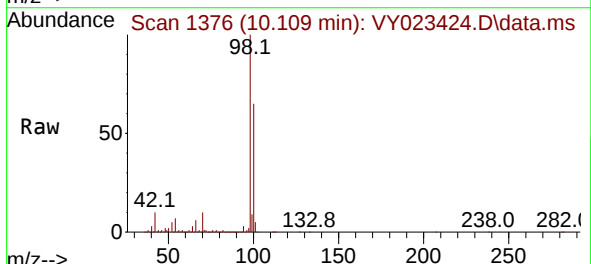
Manual Integrations
APPROVED

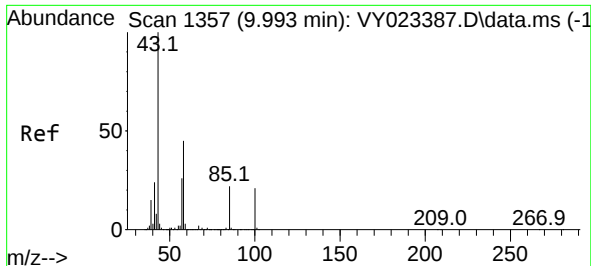
Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025



#50
Toluene-d8
Concen: 48.819 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

Tgt Ion: 98 Resp: 882010
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.4





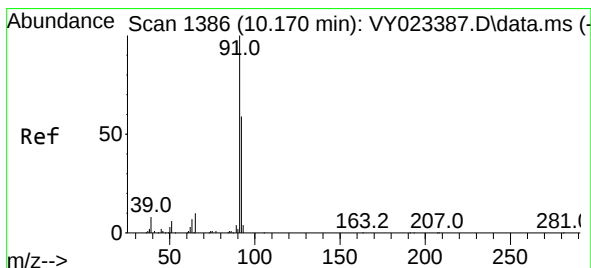
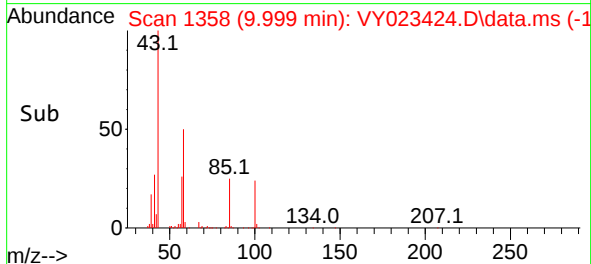
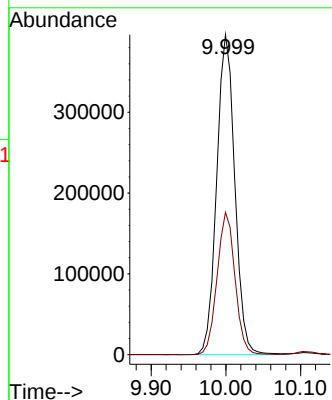
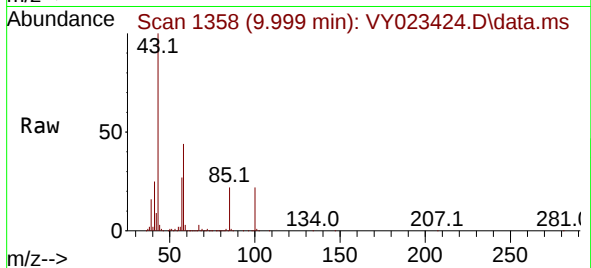
#51
4-Methyl-2-Pentanone
Concen: 254.206 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 66638
Ion Ratio Lower Upper
43 100
58 44.0 35.3 52.9

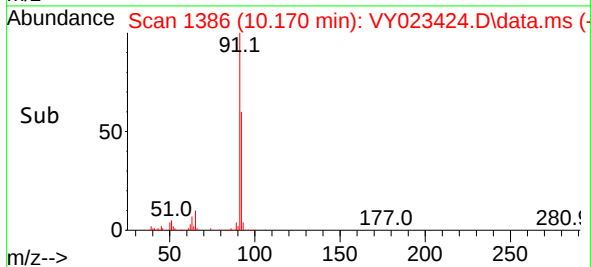
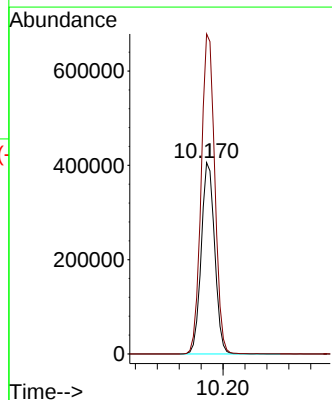
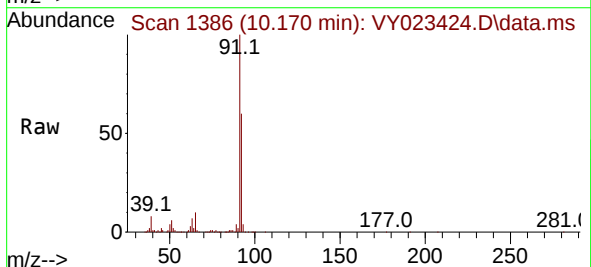
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025



#52
Toluene
Concen: 52.226 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

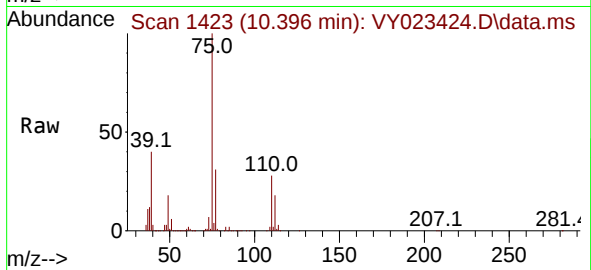
Tgt Ion: 92 Resp: 689717
Ion Ratio Lower Upper
92 100
91 169.4 136.4 204.6





#53
t-1,3-Dichloropropene
Concen: 50.784 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

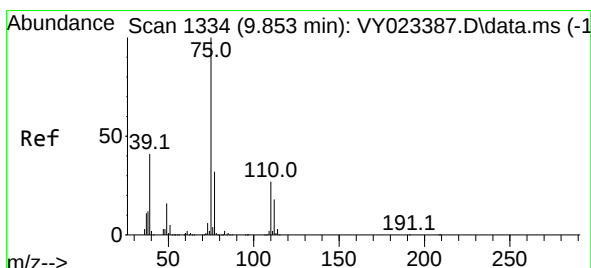
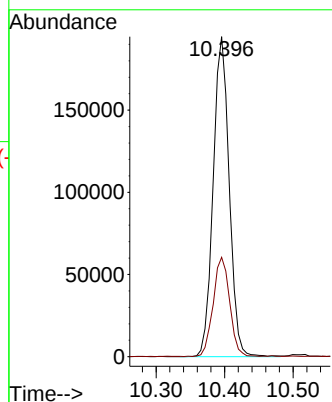
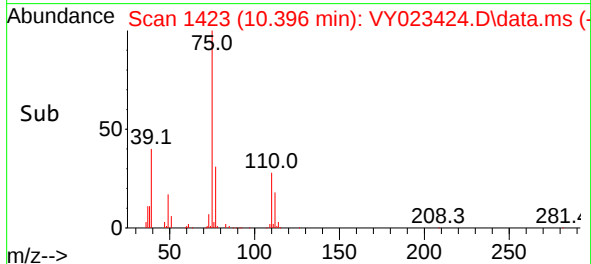
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 315938
Ion Ratio Lower Upper
75 100
77 30.9 25.1 37.7

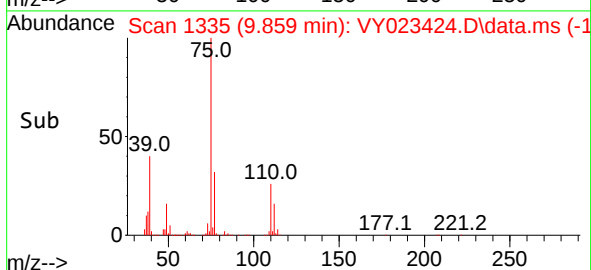
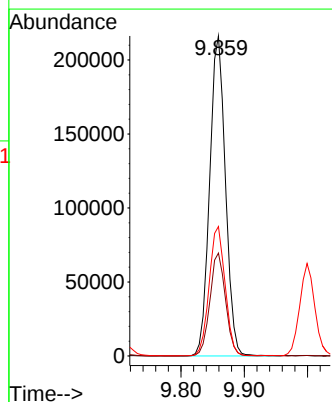
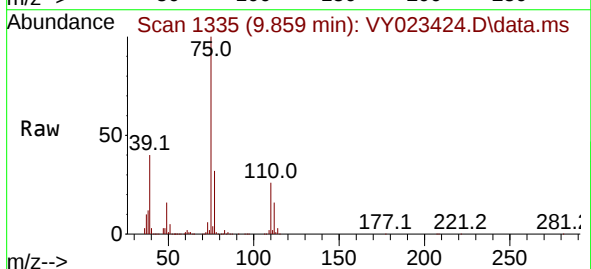
Manual Integrations
APPROVED

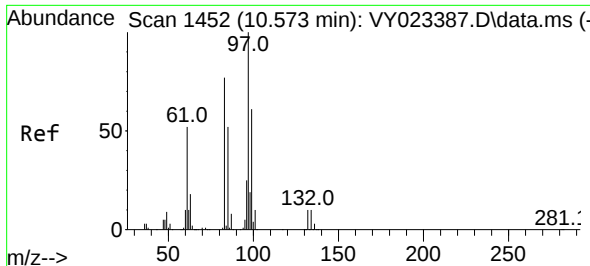
Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025



#54
cis-1,3-Dichloropropene
Concen: 51.184 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

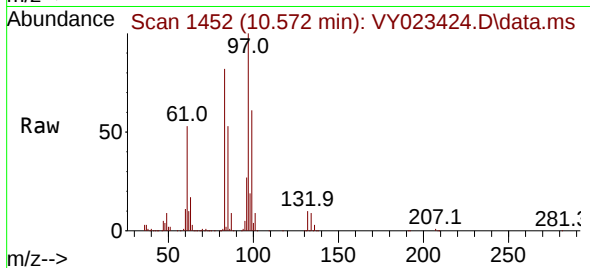
Tgt Ion: 75 Resp: 375814
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
39 40.4 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 51.615 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

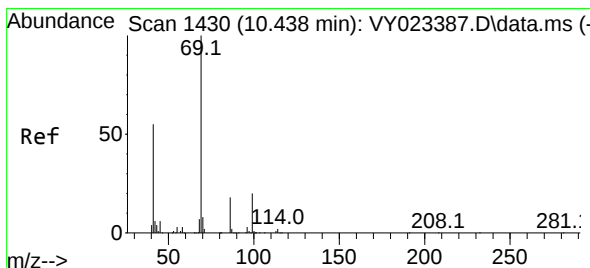
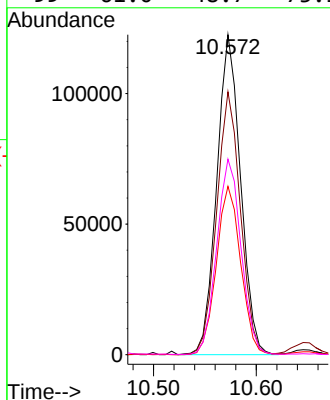
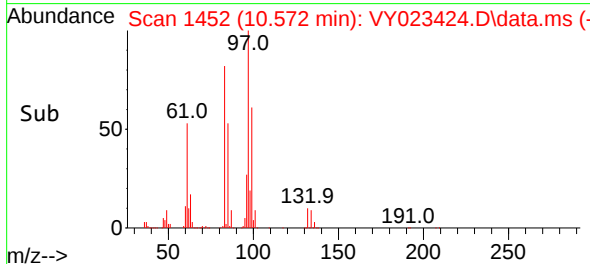
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



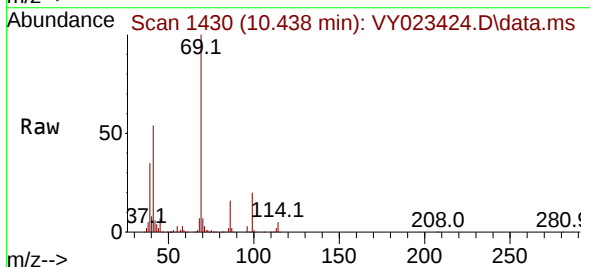
Tgt Ion: 97 Resp: 197178
Ion Ratio Lower Upper
97 100
83 82.2 61.8 92.6
85 52.6 41.3 61.9
99 61.0 48.7 73.1

Manual Integrations
APPROVED

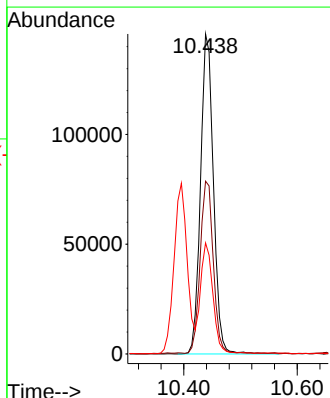
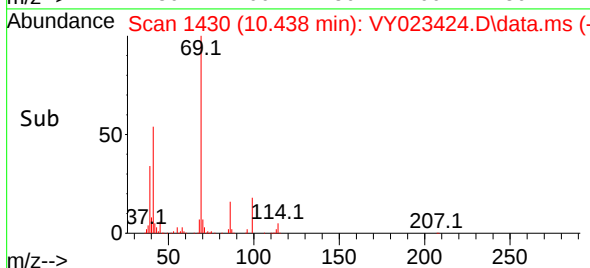
Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025

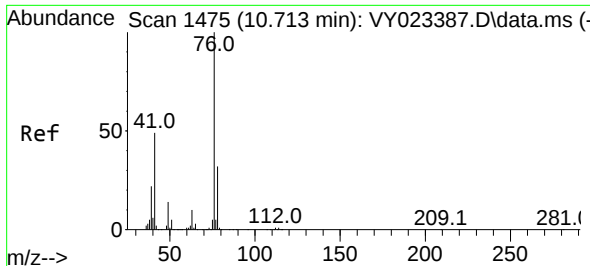


#56
Ethyl methacrylate
Concen: 52.160 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56



Tgt Ion: 69 Resp: 229850
Ion Ratio Lower Upper
69 100
41 54.9 44.6 67.0
39 33.0 27.0 40.4





#57

1,3-Dichloropropane

Concen: 51.678 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023424.D

Acq: 10 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 31283

Ion Ratio Lower Upper

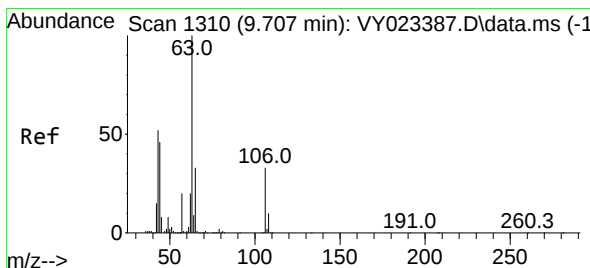
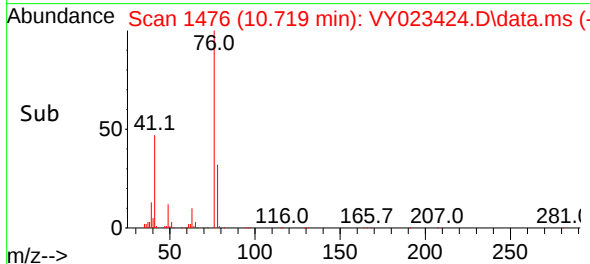
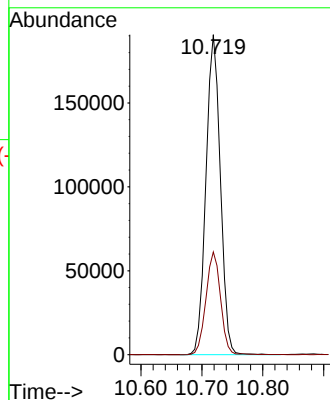
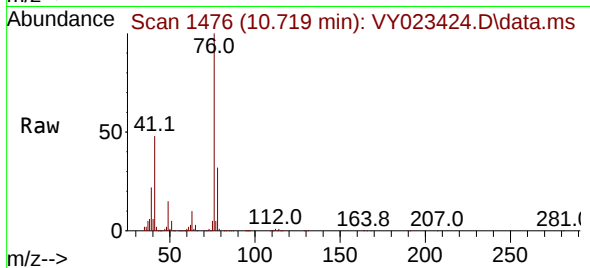
76 100

78 32.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025



#58

2-Chloroethyl Vinyl ether

Concen: 268.412 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023424.D

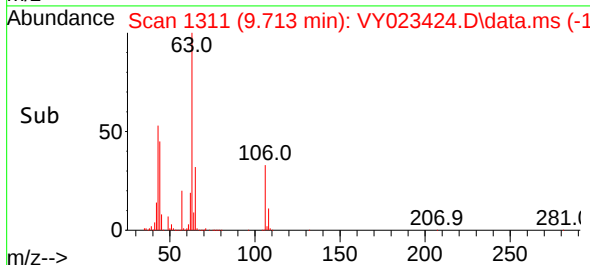
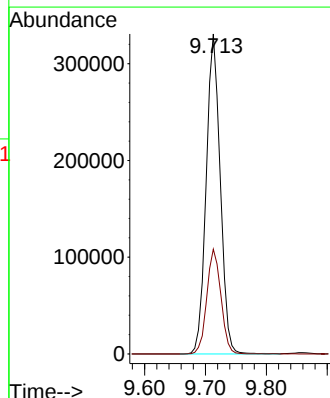
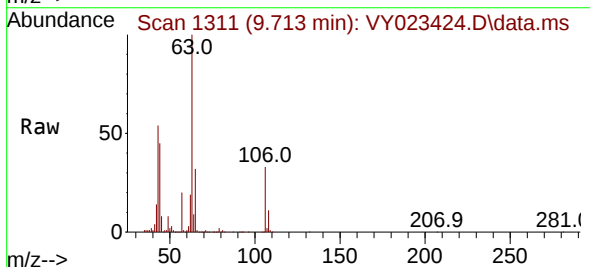
Acq: 10 Oct 2025 08:56

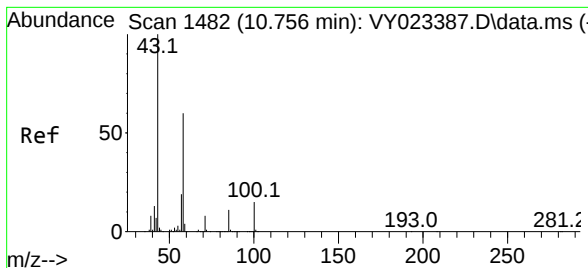
Tgt Ion: 63 Resp: 529859

Ion Ratio Lower Upper

63 100

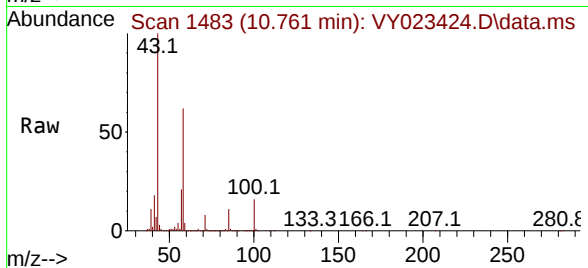
106 32.8 26.6 39.8





#59
2-Hexanone
Concen: 260.425 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

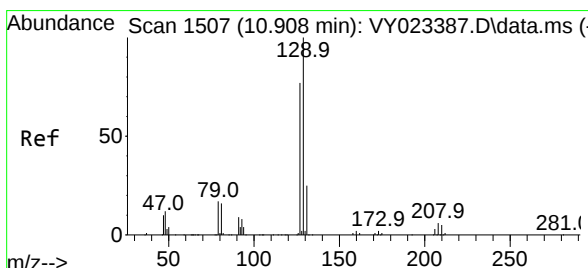
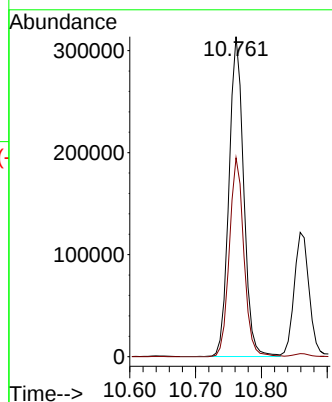
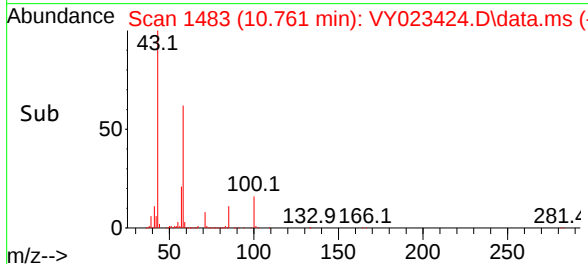
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



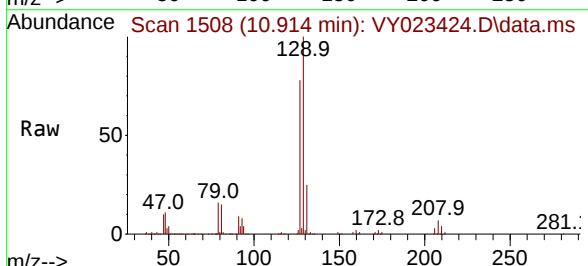
Tgt Ion: 43 Resp: 487870
Ion Ratio Lower Upper
43 100
58 61.4 30.5 91.5

Manual Integrations
APPROVED

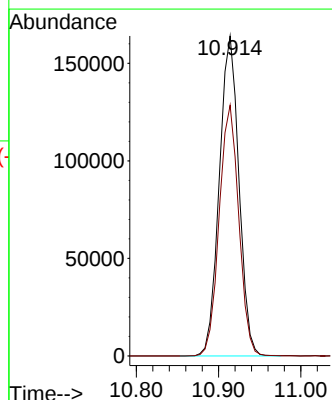
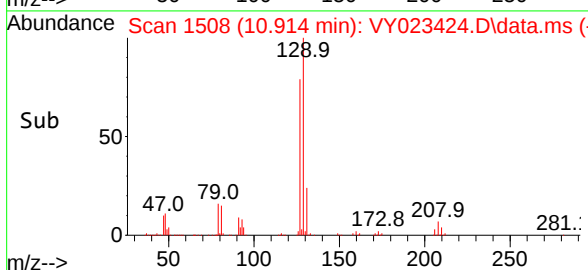
Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025

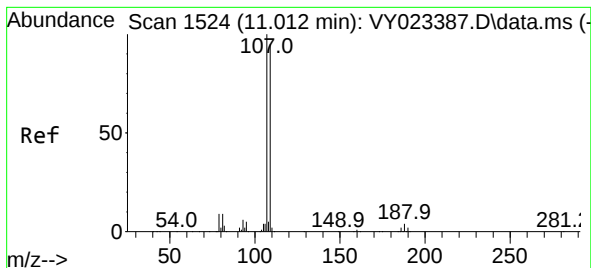


#60
Dibromochloromethane
Concen: 50.720 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56



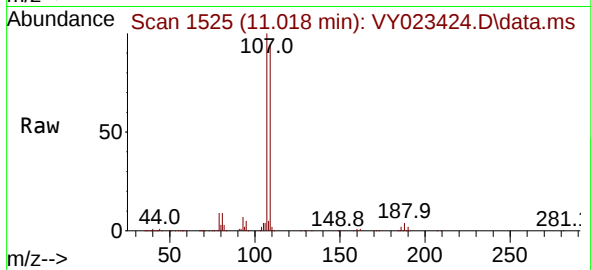
Tgt Ion:129 Resp: 271656
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.7





#61
1,2-Dibromoethane
Concen: 50.922 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

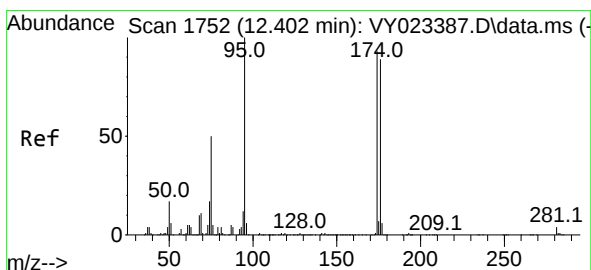
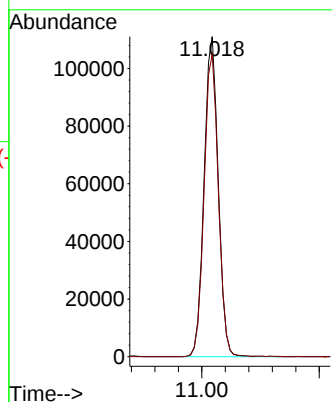
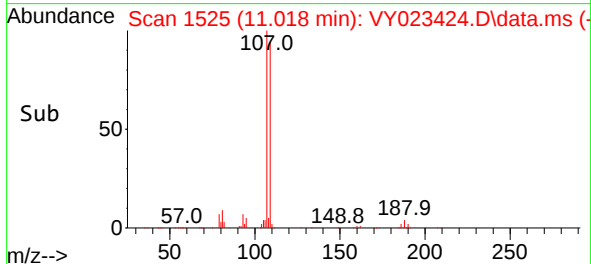
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



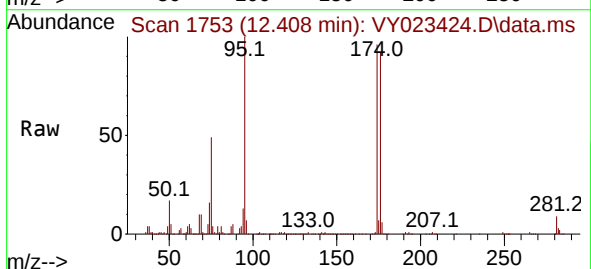
Tgt Ion:107 Resp: 185523
Ion Ratio Lower Upper
107 100
109 95.2 76.1 114.1

Manual Integrations
APPROVED

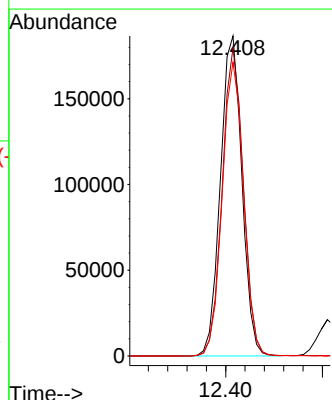
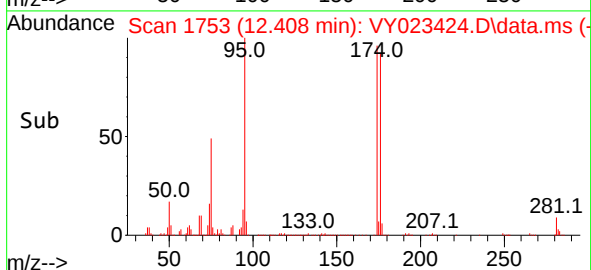
Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025

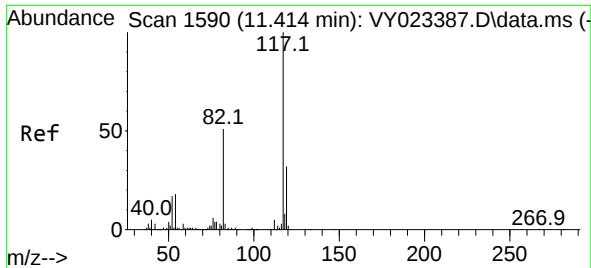


#62
4-Bromofluorobenzene
Concen: 48.113 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56



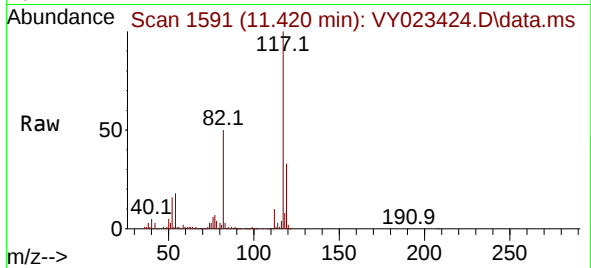
Tgt Ion: 95 Resp: 286981
Ion Ratio Lower Upper
95 100
174 94.8 0.0 192.8
176 91.2 0.0 187.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

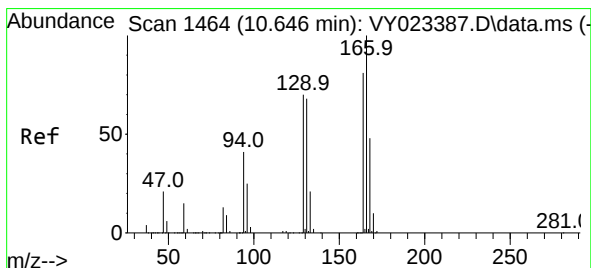
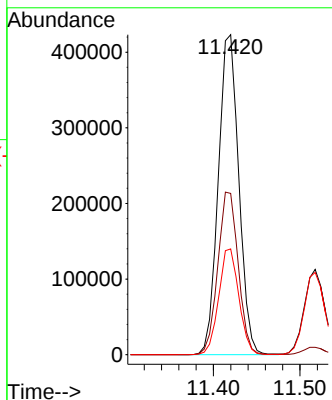
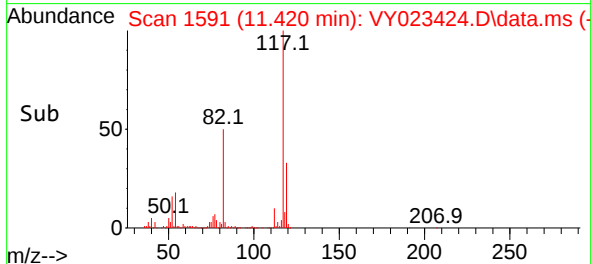
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



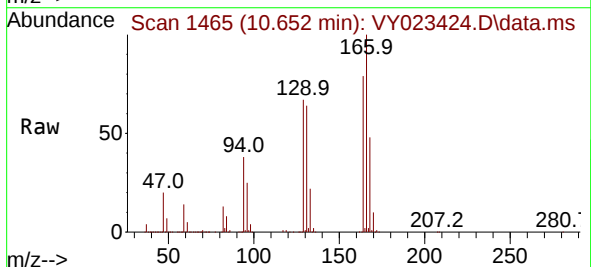
Tgt Ion:117 Resp: 69663
Ion Ratio Lower Upper
117 100
82 50.4 41.0 61.4
119 33.1 25.6 38.4

Manual Integrations
APPROVED

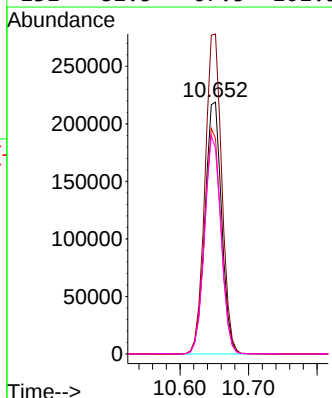
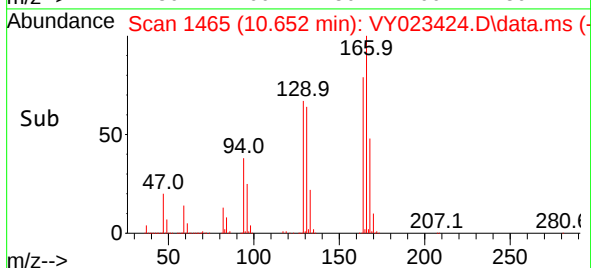
Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025

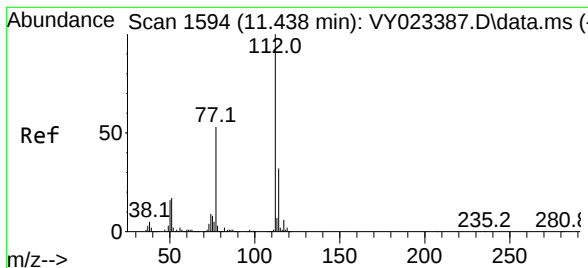


#64
Tetrachloroethene
Concen: 51.406 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56



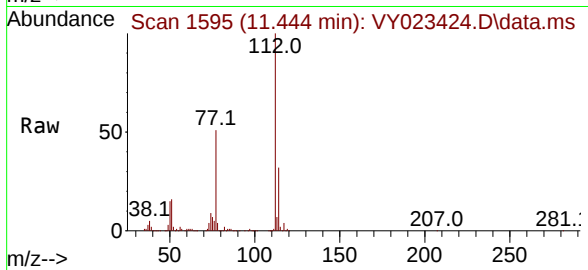
Tgt Ion:164 Resp: 369762
Ion Ratio Lower Upper
164 100
166 127.0 99.4 149.0
129 85.6 69.4 104.2
131 81.5 67.5 101.3





#65
Chlorobenzene
Concen: 50.145 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

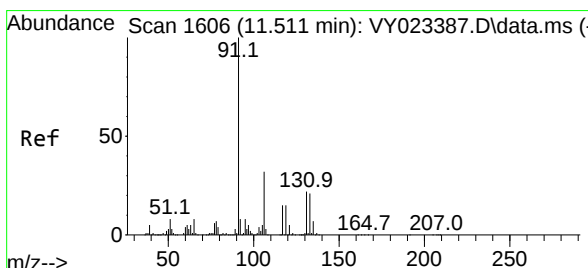
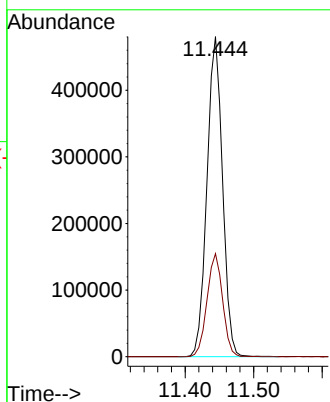
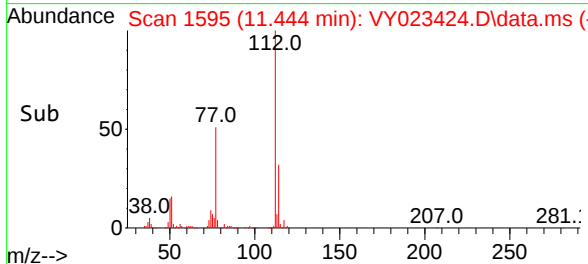
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



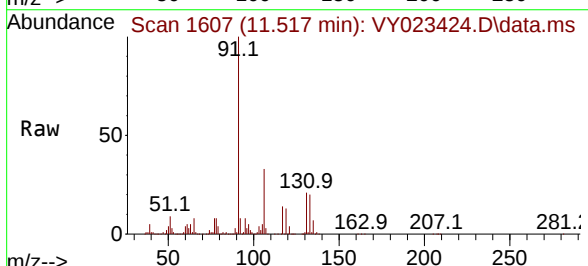
Tgt Ion:112 Resp: 75977
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4

Manual Integrations
APPROVED

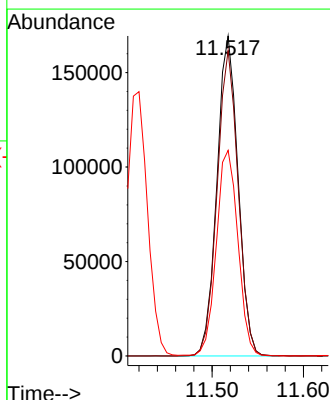
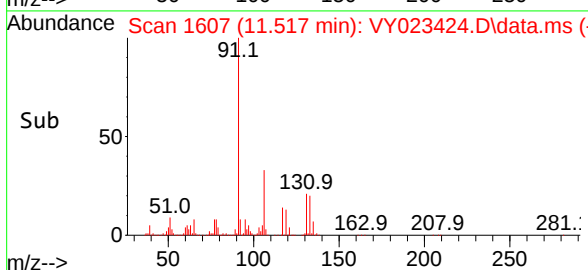
Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 50.461 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56



Tgt Ion:131 Resp: 272450
Ion Ratio Lower Upper
131 100
133 95.0 48.4 145.2
119 65.7 32.4 97.2





#67

Ethyl Benzene

Concen: 51.805 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023424.D

Acq: 10 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 127054

Ion Ratio Lower Upper

91 100

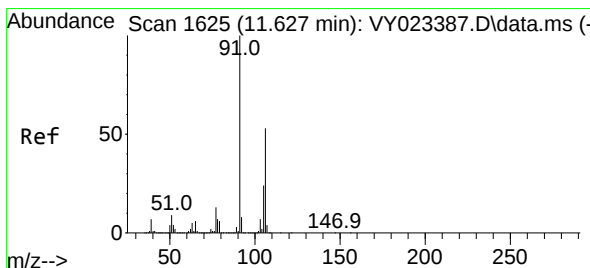
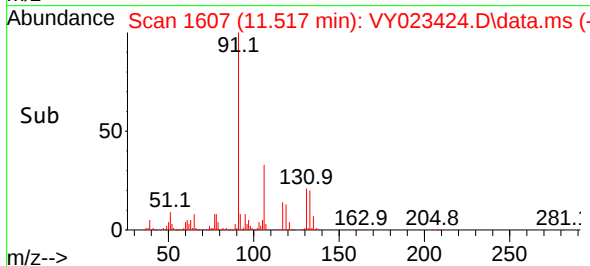
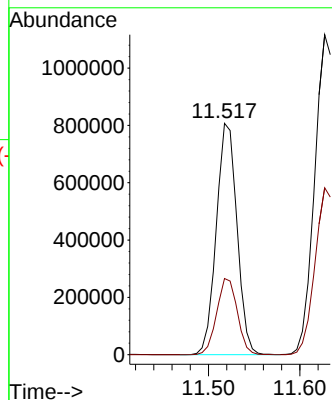
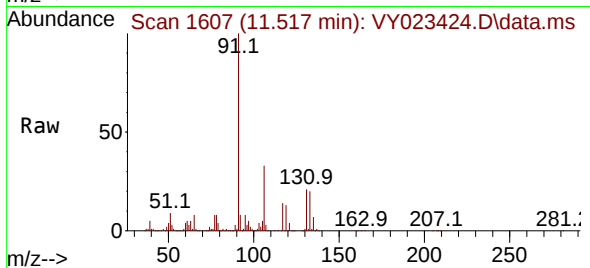
106 32.9 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2025

Supervised By :Semsettin Yesilyurt 10/13/2025



#68

m/p-Xylenes

Concen: 104.753 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023424.D

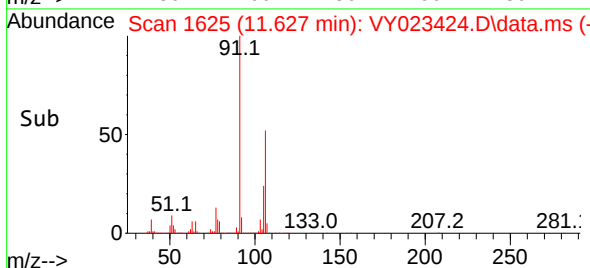
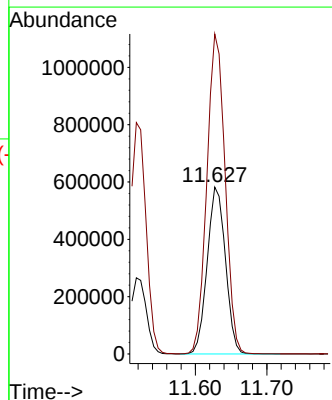
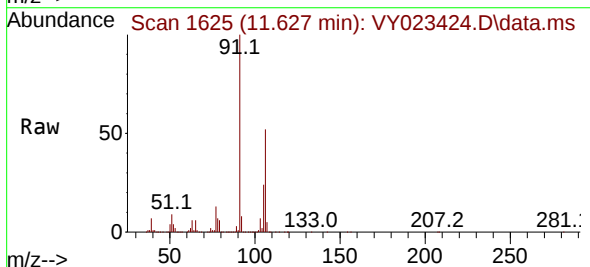
Acq: 10 Oct 2025 08:56

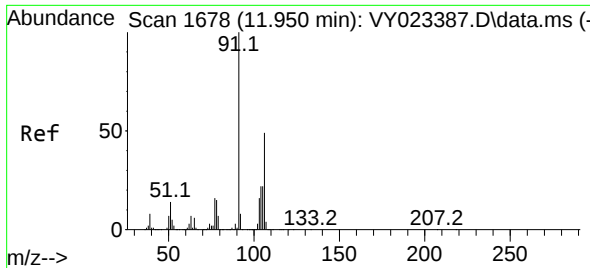
Tgt Ion:106 Resp: 1030460

Ion Ratio Lower Upper

106 100

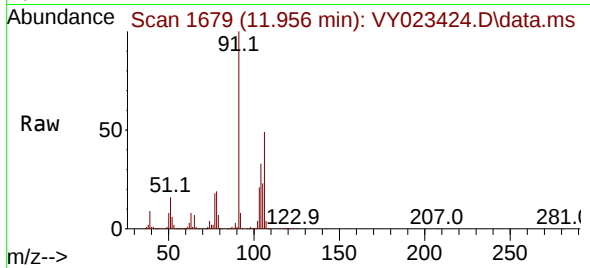
91 191.7 152.6 229.0





#69
o-Xylene
Concen: 51.697 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

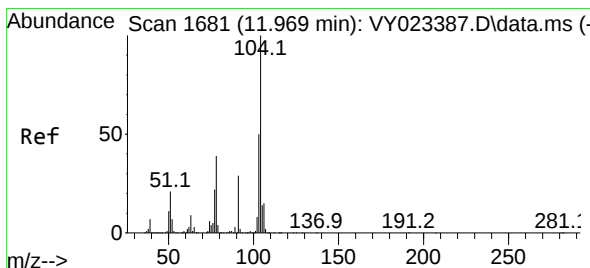
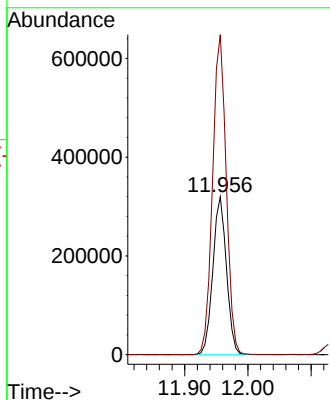
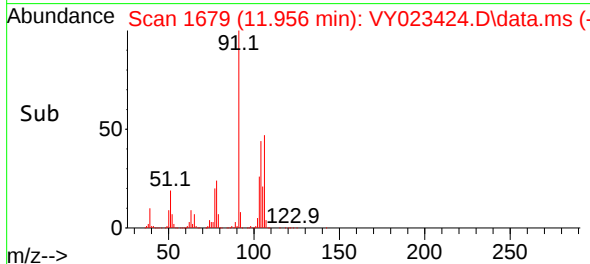
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



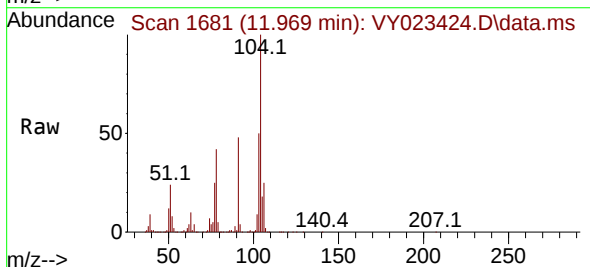
Tgt Ion:106 Resp: 477008
Ion Ratio Lower Upper
106 100
91 203.2 101.4 304.1

Manual Integrations
APPROVED

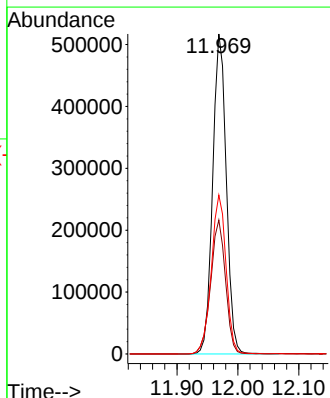
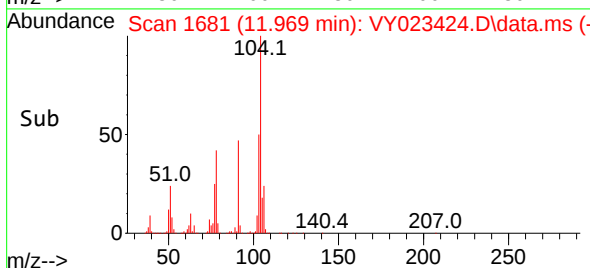
Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025

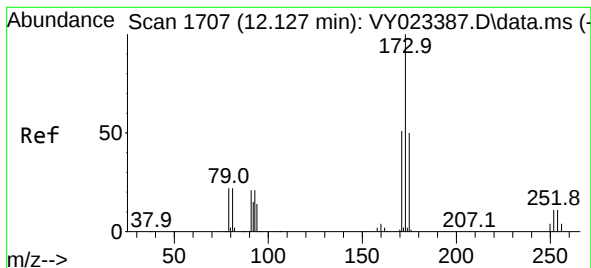


#70
Styrene
Concen: 52.914 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56



Tgt Ion:104 Resp: 802885
Ion Ratio Lower Upper
104 100
78 45.5 36.1 54.1
103 53.9 43.2 64.8





#71

Bromoform

Concen: 49.751 ug/l

RT: 12.133 min Scan# 1707

Delta R.T. 0.006 min

Lab File: VY023424.D

Acq: 10 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 16662

Ion Ratio Lower Upper

173 100

175 48.6 24.8 74.3

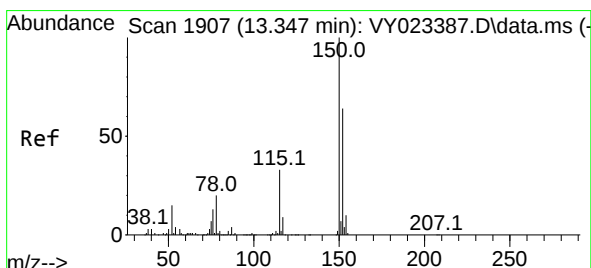
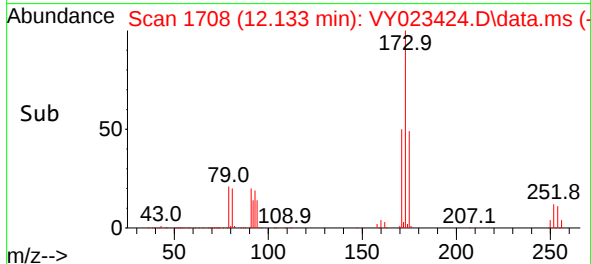
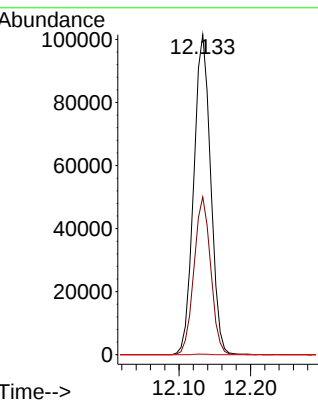
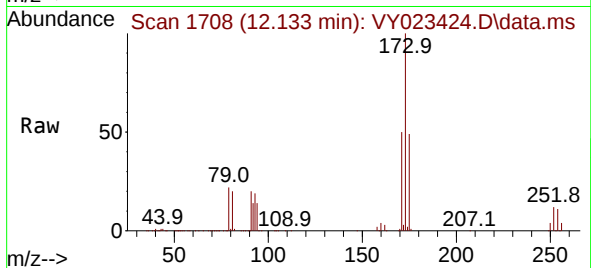
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2025

Supervised By :Semsettin Yesilyurt 10/13/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023424.D

Acq: 10 Oct 2025 08:56

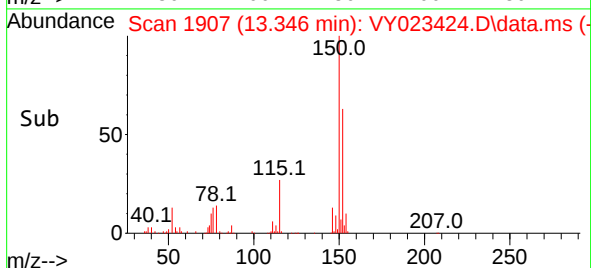
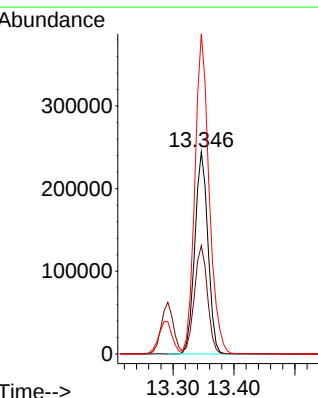
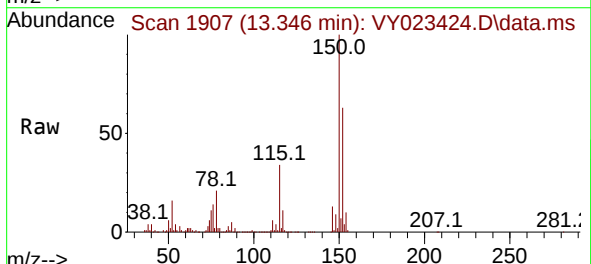
Tgt Ion:152 Resp: 366006

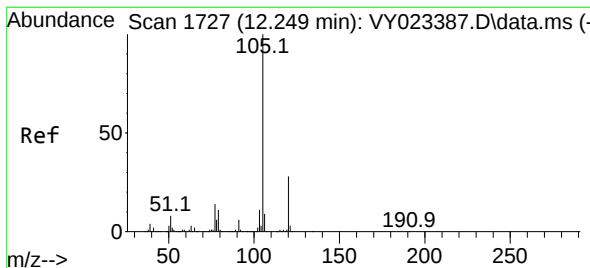
Ion Ratio Lower Upper

152 100

115 53.4 27.1 81.2

150 172.1 0.0 347.4





#73

Isopropylbenzene

Concen: 52.011 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY023424.D

Acq: 10 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 125452

Ion Ratio Lower Upper

105 100

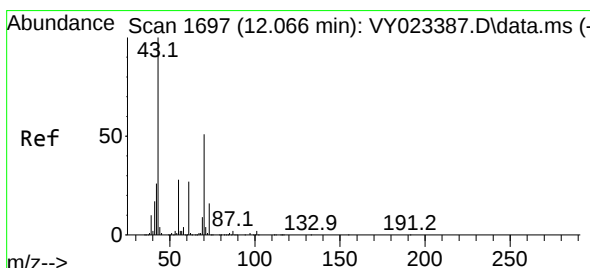
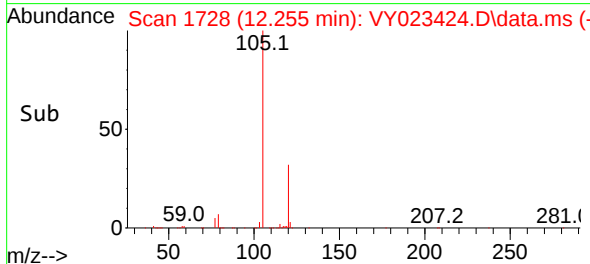
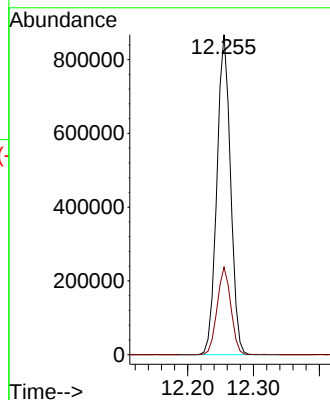
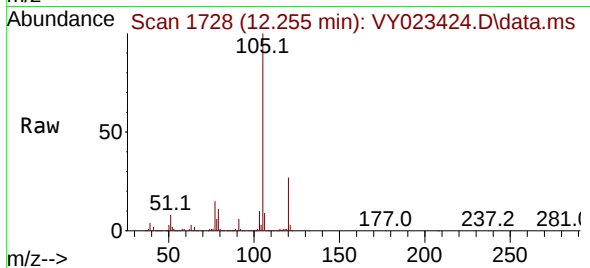
120 27.4 13.9 41.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2025

Supervised By :Semsettin Yesilyurt 10/13/2025



#74

N-ethyl acetate

Concen: 48.464 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023424.D

Acq: 10 Oct 2025 08:56

Tgt Ion: 43 Resp: 209965

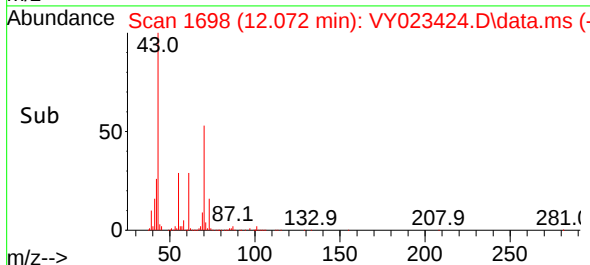
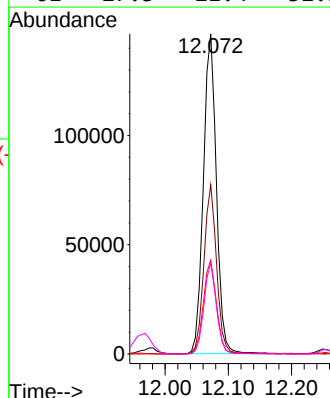
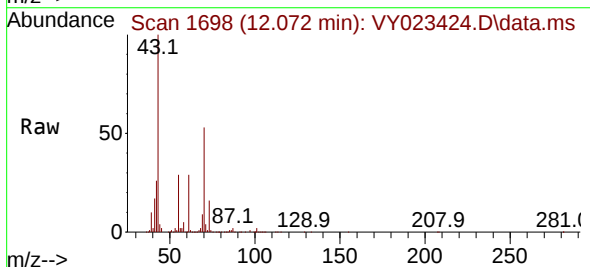
Ion Ratio Lower Upper

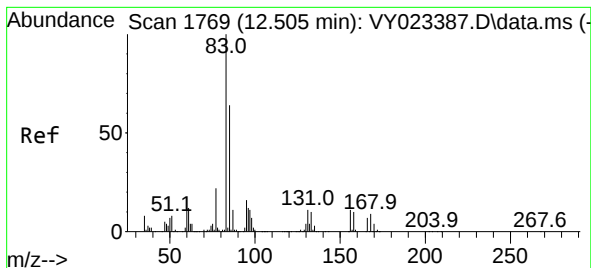
43 100

70 51.5 41.1 61.7

55 30.0 23.0 34.6

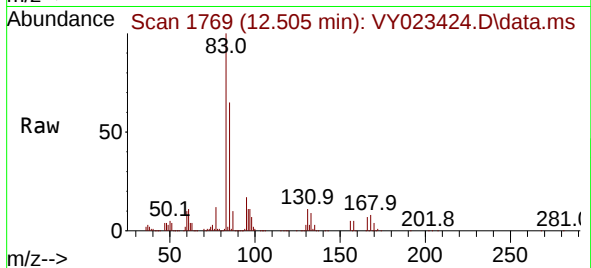
61 27.3 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.271 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

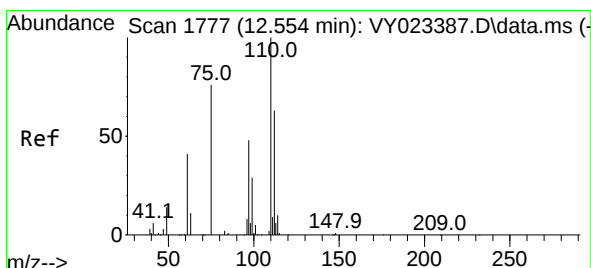
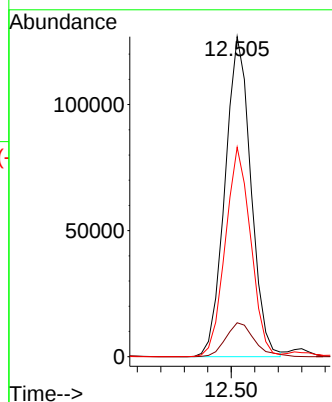
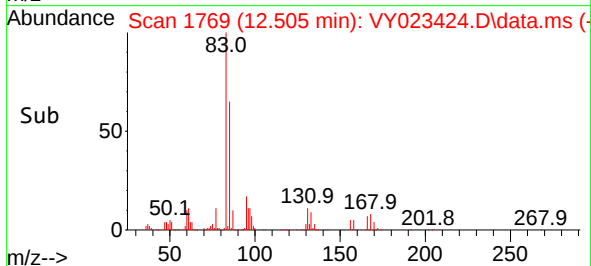
Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050



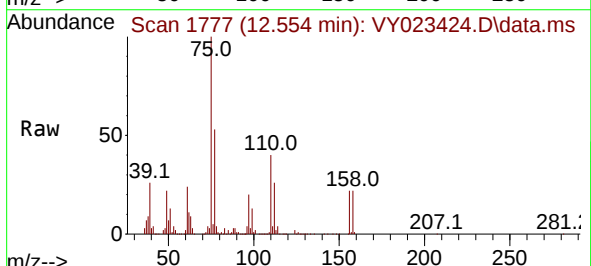
Tgt Ion: 83 Resp: 194370
Ion Ratio Lower Upper
83 100
131 11.7 5.9 17.6
85 64.3 31.8 95.3

Manual Integrations
APPROVED

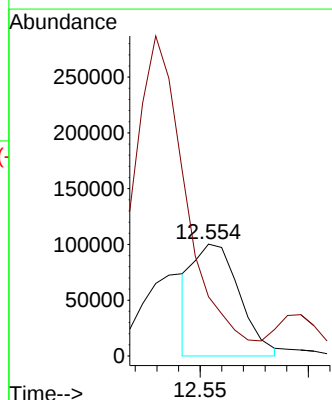
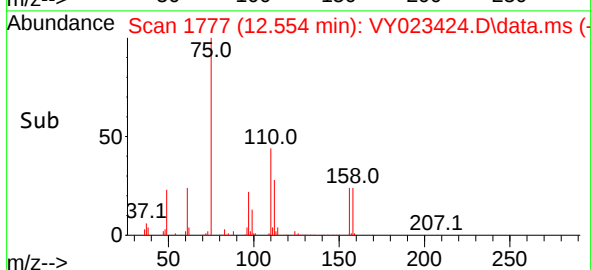
Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025

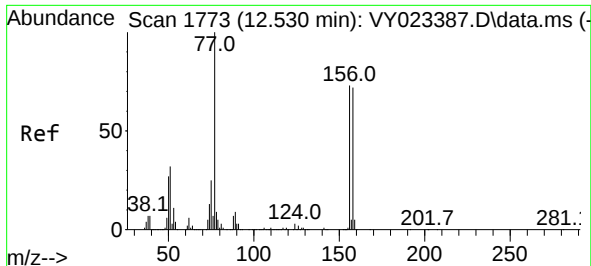


#76
1,2,3-Trichloropropane
Concen: 46.149 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56



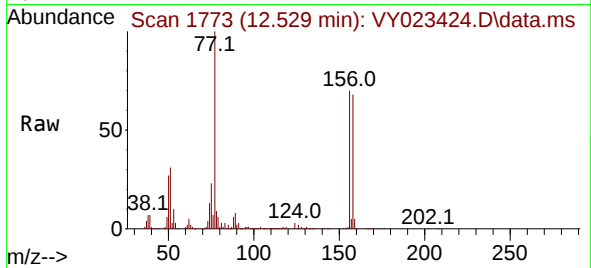
Tgt Ion: 75 Resp: 149021
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 49.607 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

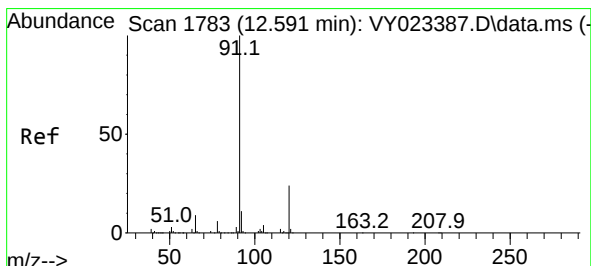
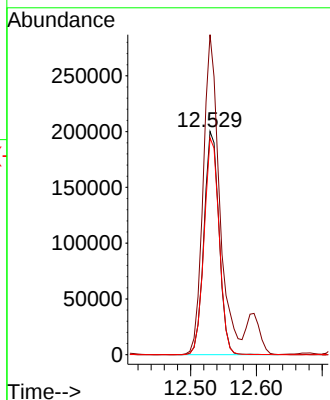
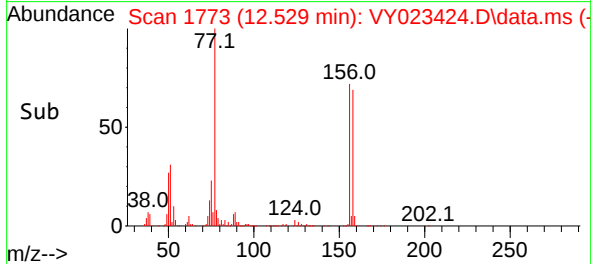
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



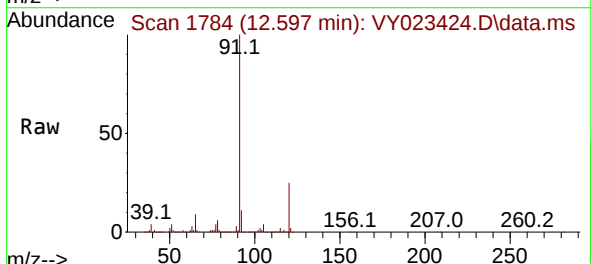
Tgt Ion:156 Resp: 318098
Ion Ratio Lower Upper
156 100
77 156.1 76.8 230.5
158 97.4 49.0 147.2

Manual Integrations
APPROVED

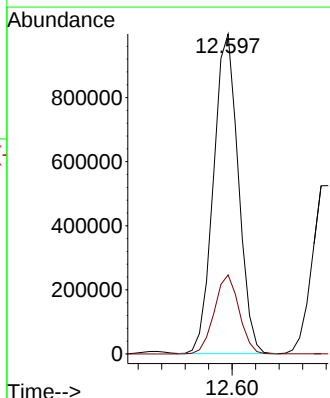
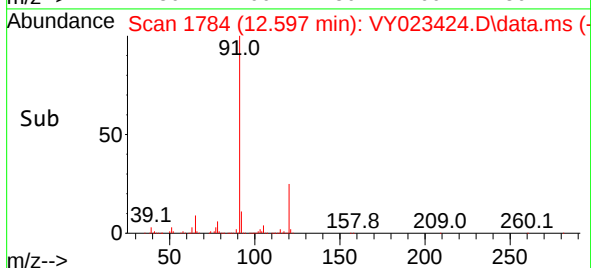
Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025

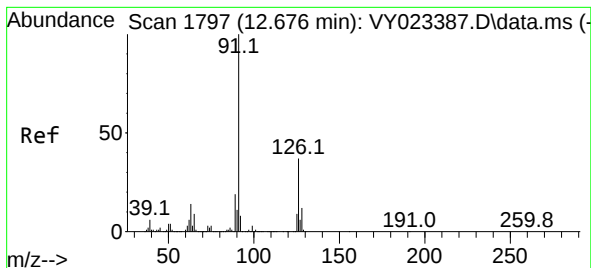


#78
n-propylbenzene
Concen: 52.483 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56



Tgt Ion: 91 Resp: 1464919
Ion Ratio Lower Upper
91 100
120 24.6 12.3 36.8





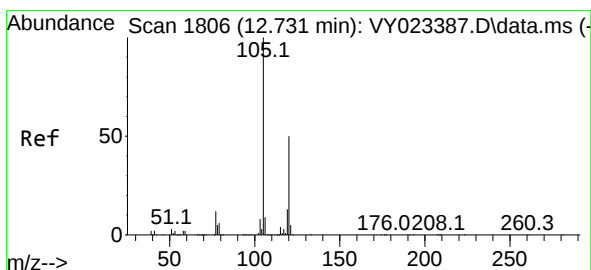
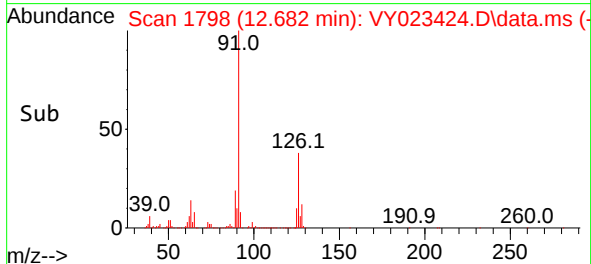
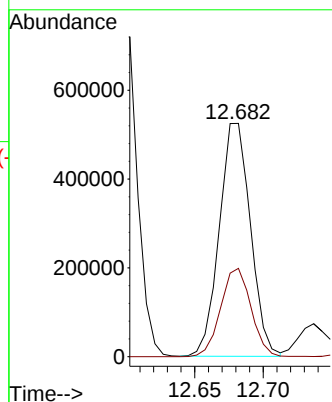
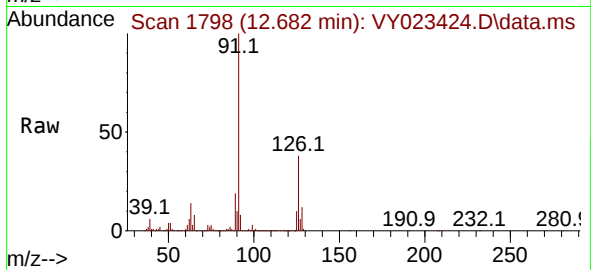
#79
2-Chlorotoluene
Concen: 50.857 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 83127
Ion Ratio Lower Upper
91 100
126 36.9 18.5 55.5

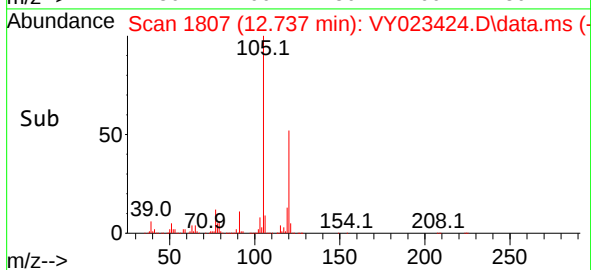
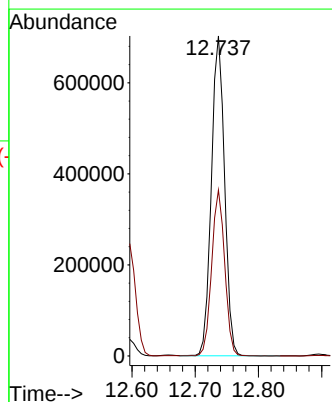
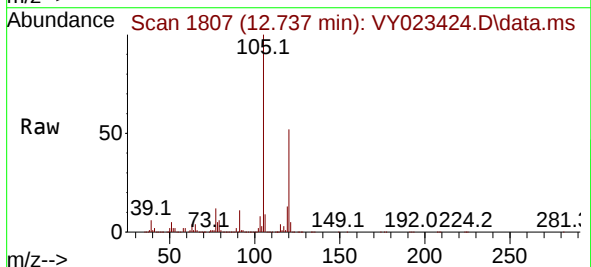
Manual Integrations
APPROVED

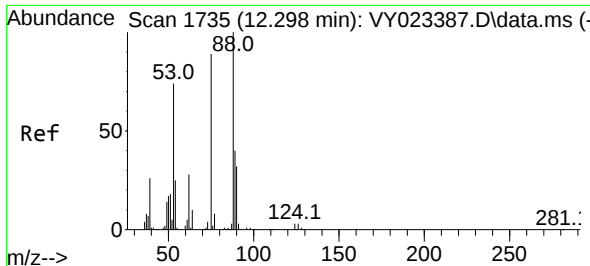
Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025



#80
1,3,5-Trimethylbenzene
Concen: 52.300 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

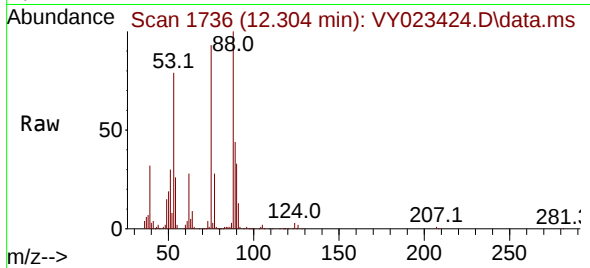
Tgt Ion:105 Resp: 1019369
Ion Ratio Lower Upper
105 100
120 51.3 25.4 76.4





#81
trans-1,4-Dichloro-2-butene
Concen: 49.958 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

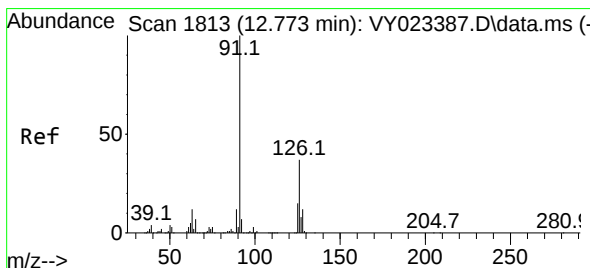
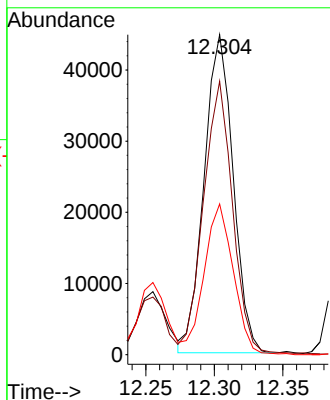
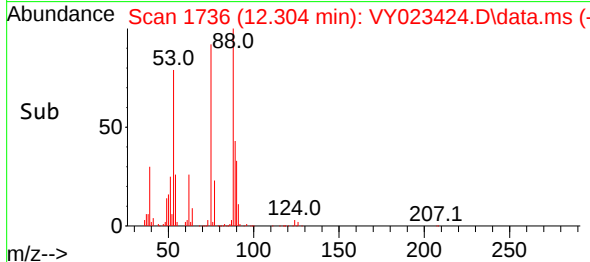
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 6578
Ion Ratio Lower Upper
75 100
53 86.5 68.6 102.8
89 48.1 39.0 58.4

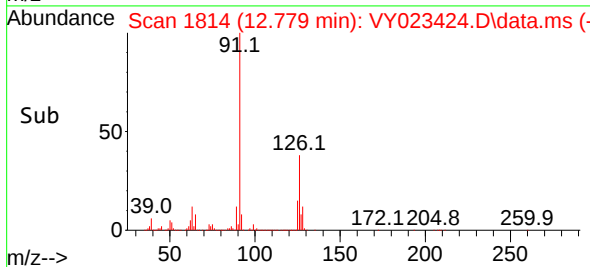
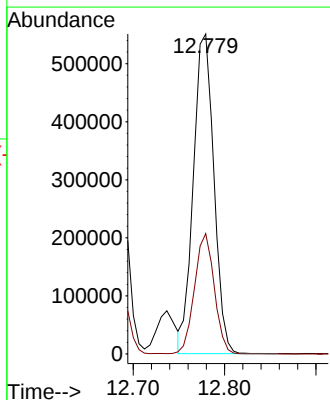
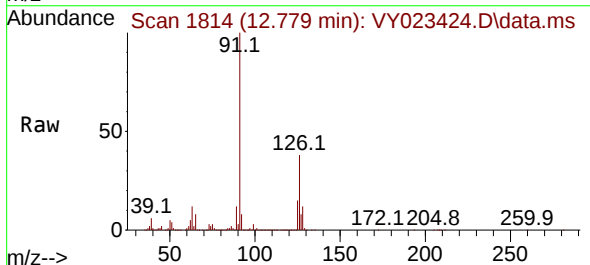
Manual Integrations
APPROVED

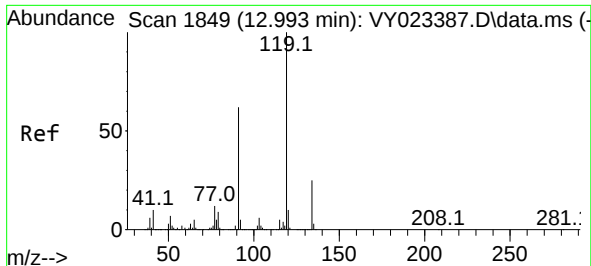
Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025



#82
4-Chlorotoluene
Concen: 51.047 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

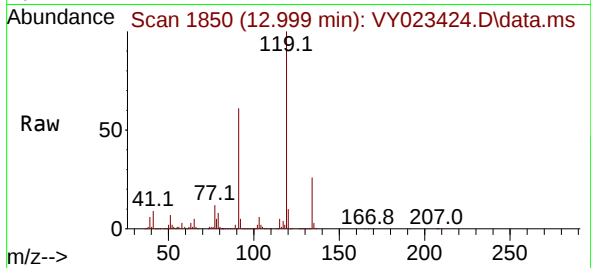
Tgt Ion: 91 Resp: 859313
Ion Ratio Lower Upper
91 100
126 36.3 18.4 55.4





#83
tert-Butylbenzene
Concen: 51.370 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

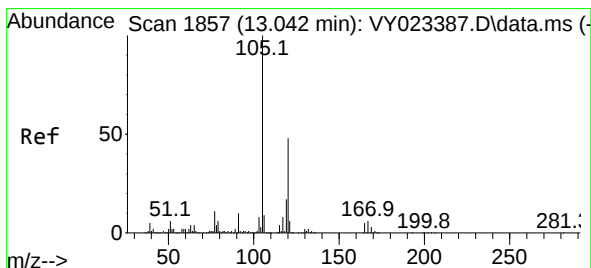
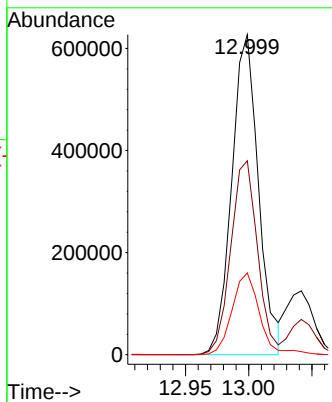
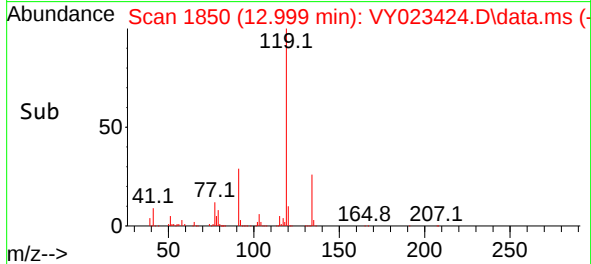
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



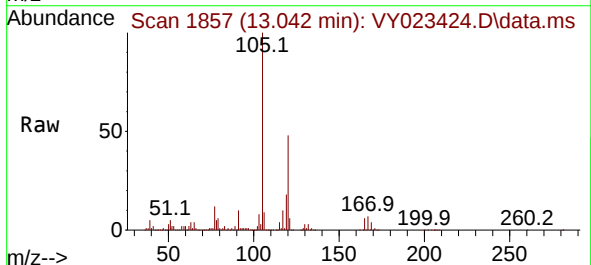
Tgt Ion:119 Resp: 924459
Ion Ratio Lower Upper
119 100
91 60.5 29.9 89.8
134 26.3 12.9 38.7

Manual Integrations
APPROVED

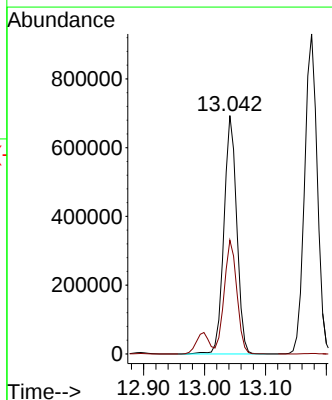
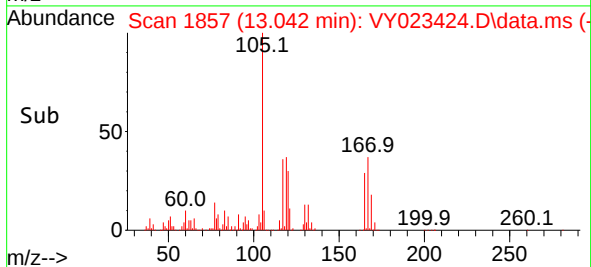
Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025

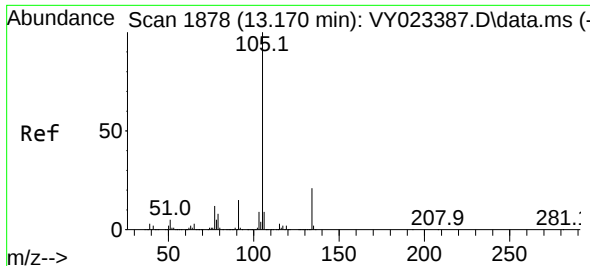


#84
1,2,4-Trimethylbenzene
Concen: 51.964 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56



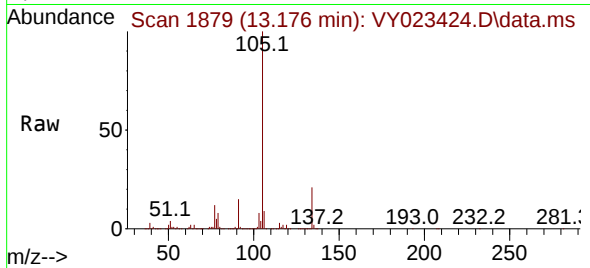
Tgt Ion:105 Resp: 1010789
Ion Ratio Lower Upper
105 100
120 47.0 23.8 71.2





#85
 sec-Butylbenzene
 Concen: 51.914 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023424.D
 Acq: 10 Oct 2025 08:56

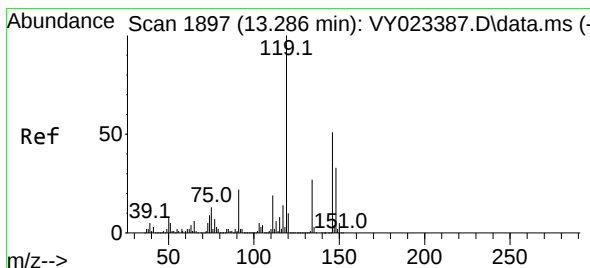
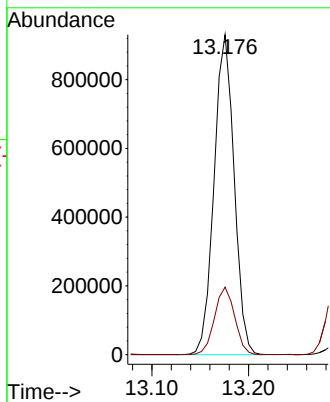
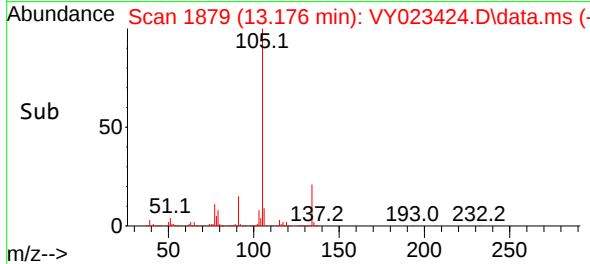
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 1340178
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.7 32.1

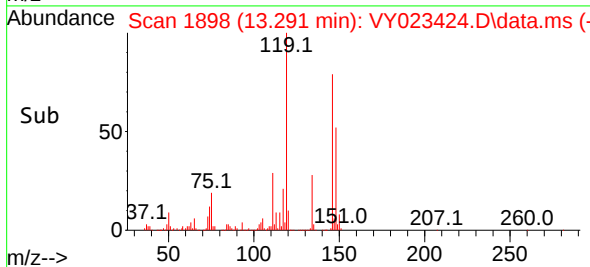
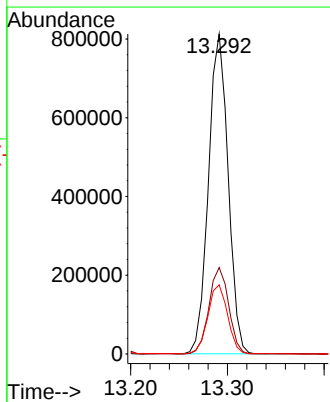
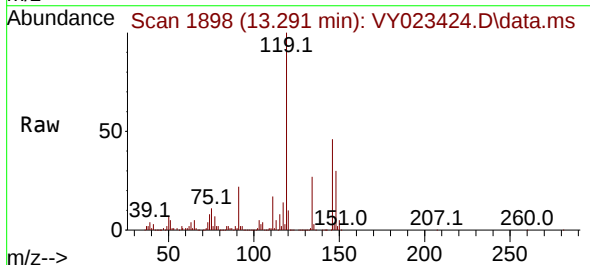
Manual Integrations
 APPROVED

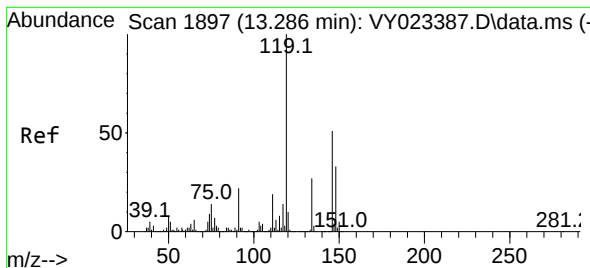
Reviewed By :Mahesh Dadoda 10/13/2025
 Supervised By :Semsettin Yesilyurt 10/13/2025



#86
 p-Isopropyltoluene
 Concen: 52.213 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023424.D
 Acq: 10 Oct 2025 08:56

Tgt Ion:119 Resp: 1147624
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.7
 91 21.7 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 49.360 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023424.D

Acq: 10 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 61635

Ion Ratio Lower Upper

146 100

111 37.3 18.7 56.1

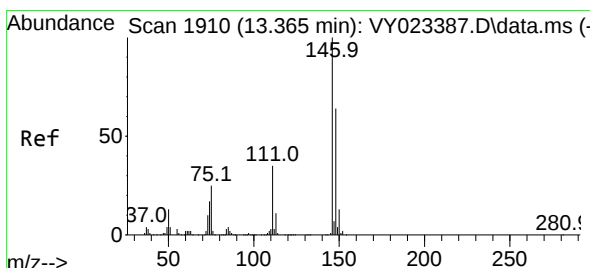
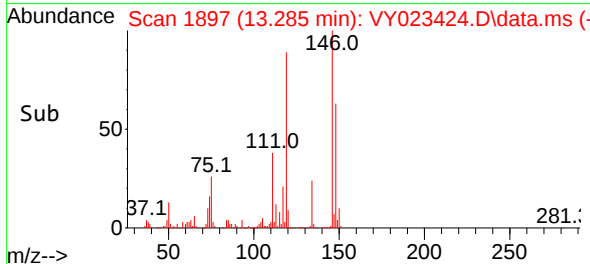
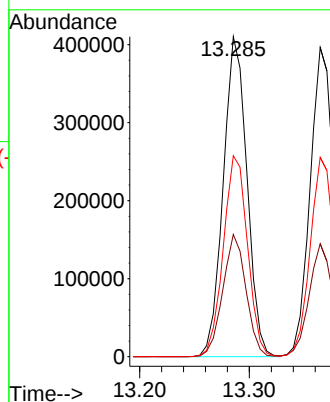
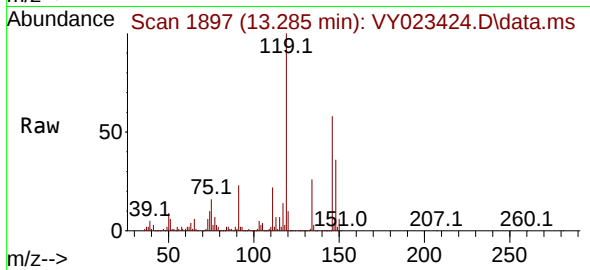
148 64.1 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2025

Supervised By :Semsettin Yesilyurt 10/13/2025



#88

1,4-Dichlorobenzene

Concen: 48.522 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023424.D

Acq: 10 Oct 2025 08:56

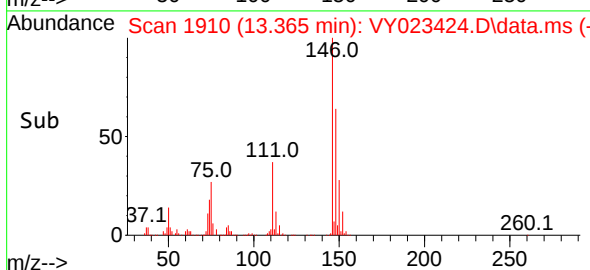
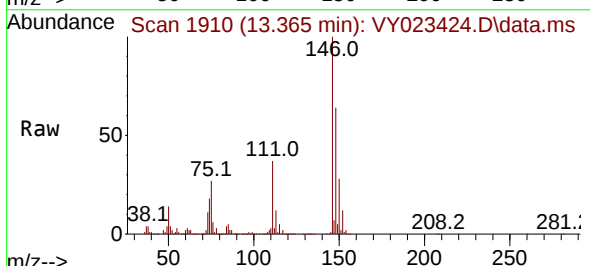
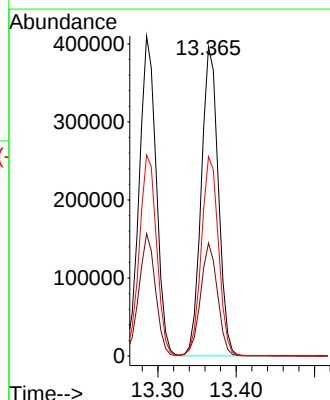
Tgt Ion:146 Resp: 598401

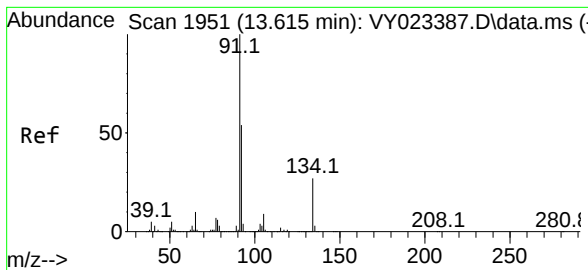
Ion Ratio Lower Upper

146 100

111 36.2 18.0 54.0

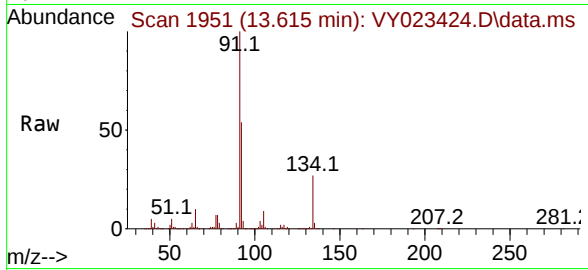
148 64.9 31.9 95.7





#89
n-Butylbenzene
Concen: 51.708 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

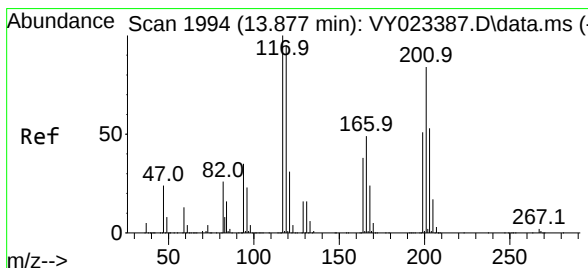
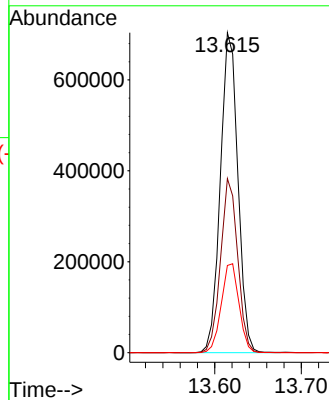
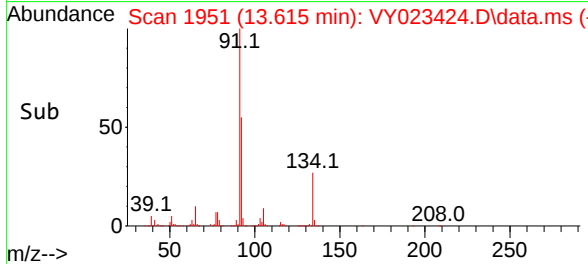
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 99030
Ion Ratio Lower Upper
91 100
92 53.2 27.0 80.8
134 28.2 14.1 42.2

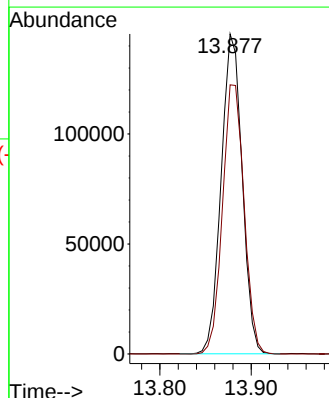
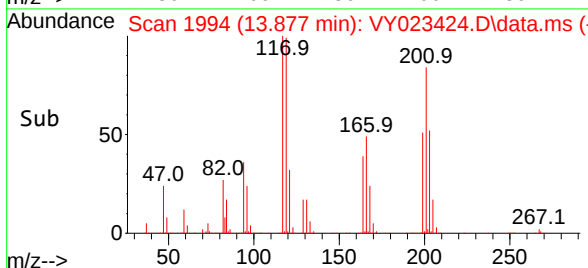
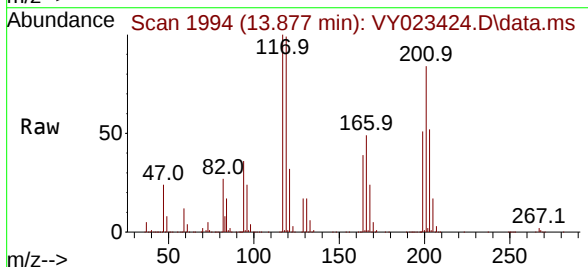
Manual Integrations
APPROVED

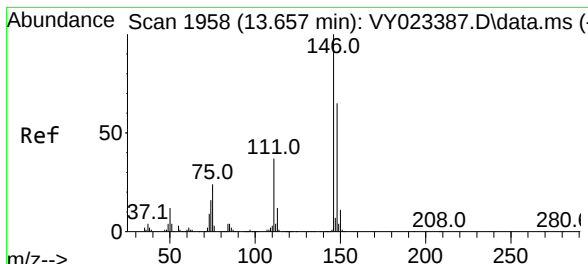
Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025



#90
Hexachloroethane
Concen: 49.099 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

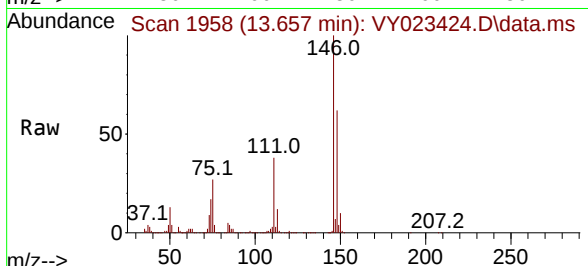
Tgt Ion:117 Resp: 232110
Ion Ratio Lower Upper
117 100
201 86.5 43.8 131.4





#91
1,2-Dichlorobenzene
Concen: 49.327 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56

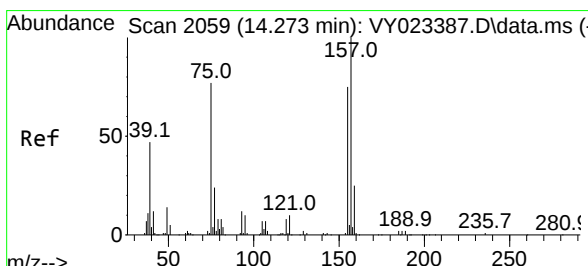
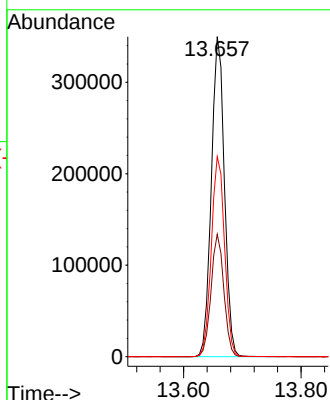
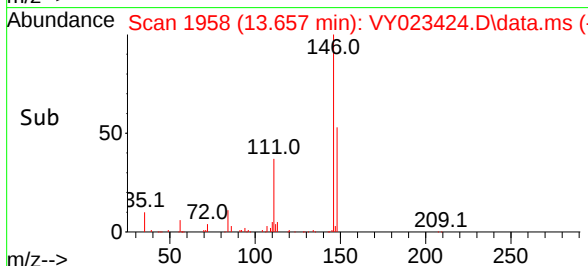
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



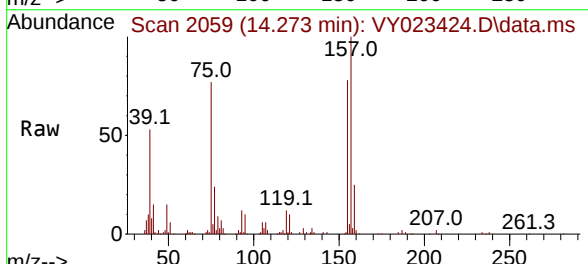
Tgt Ion:146 Resp: 540012
Ion Ratio Lower Upper
146 100
111 37.6 19.0 57.0
148 63.2 32.1 96.3

Manual Integrations
APPROVED

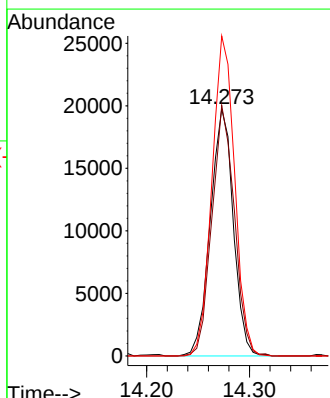
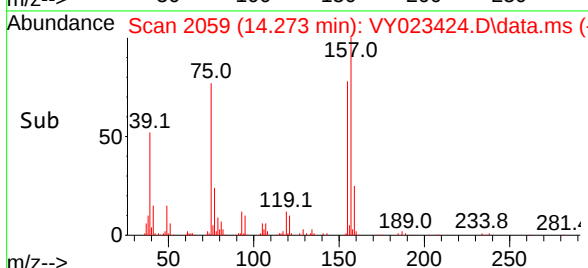
Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.315 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023424.D
Acq: 10 Oct 2025 08:56



Tgt Ion: 75 Resp: 30627
Ion Ratio Lower Upper
75 100
155 99.1 50.0 150.0
157 127.5 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 45.839 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023424.D

Acq: 10 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

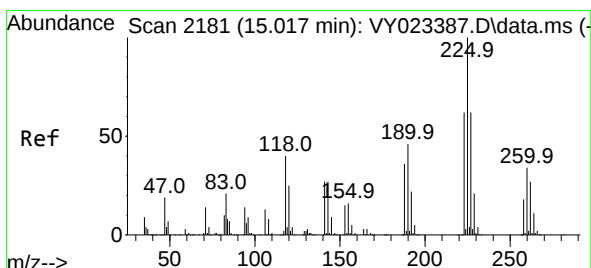
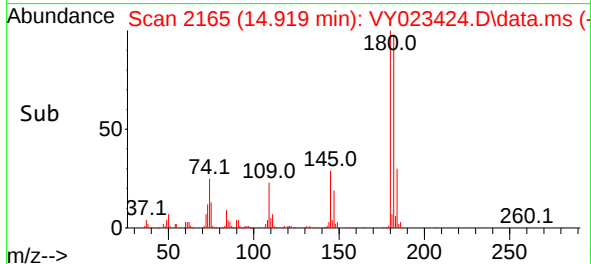
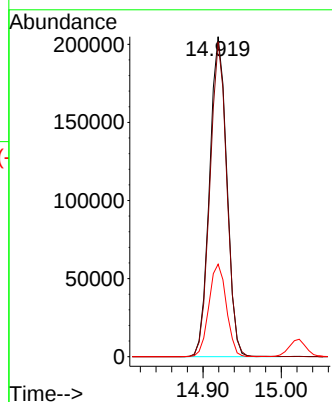
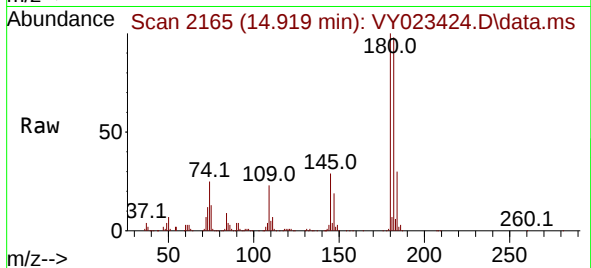
Tgt Ion:180 Resp: 312850

Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.9	143.6
145	29.3	14.7	44.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2025
Supervised By :Semsettin Yesilyurt 10/13/2025



#94

Hexachlorobutadiene

Concen: 47.385 ug/l

RT: 15.023 min Scan# 2182

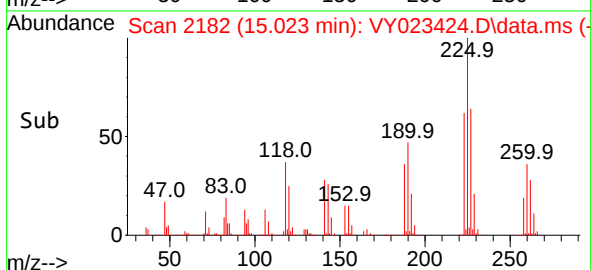
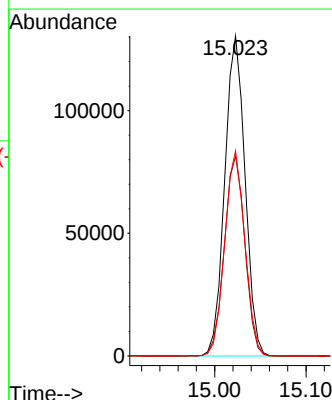
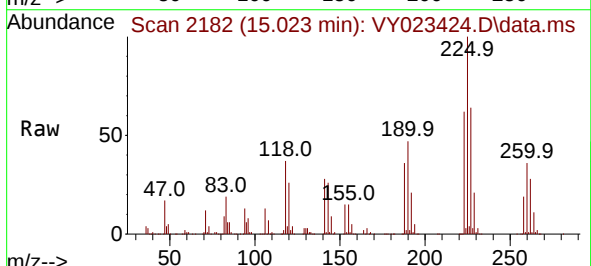
Delta R.T. 0.006 min

Lab File: VY023424.D

Acq: 10 Oct 2025 08:56

Tgt Ion:225 Resp: 201594

Ion	Ratio	Lower	Upper
225	100		
223	63.0	30.8	92.3
227	63.7	31.9	95.7





#95

Naphthalene

Concen: 44.979 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023424.D

Acq: 10 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 488839

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

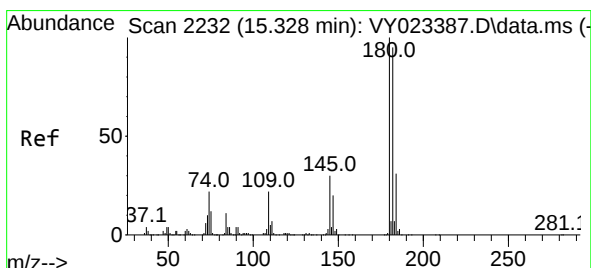
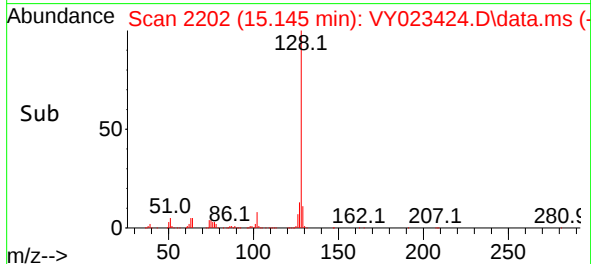
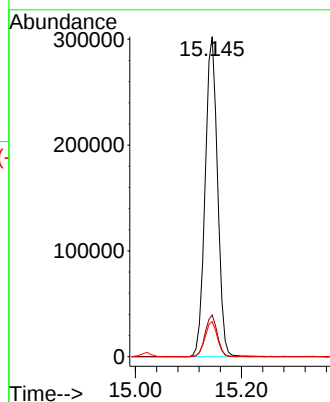
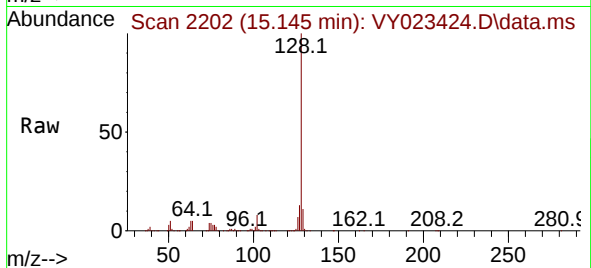
129 10.9 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2025

Supervised By :Semsettin Yesilyurt 10/13/2025



#96

1,2,3-Trichlorobenzene

Concen: 45.368 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023424.D

Acq: 10 Oct 2025 08:56

Tgt Ion:180 Resp: 268202

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.8

145 31.1 15.3 45.9

