

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103125\
 Data File : VY023636.D
 Acq On : 31 Oct 2025 08:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 01 03:19:07 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

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
 Supervised By :Semsettin Yesilyurt 11/03/2025

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	461906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	665068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	595630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	310256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	189963	49.181	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.360%		
35) Dibromofluoromethane	7.640	113	215281	52.681	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.360%		
50) Toluene-d8	10.109	98	789930	51.905	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	103.820%		
62) 4-Bromofluorobenzene	12.408	95	266906	53.122	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	106.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	135552	40.771	ug/l	99
3) Chloromethane	2.074	50	193781	42.785	ug/l	98
4) Vinyl Chloride	2.208	62	257370	43.628	ug/l	100
5) Bromomethane	2.605	94	213008	43.027	ug/l	100
6) Chloroethane	2.739	64	193188	48.042	ug/l	98
7) Trichlorofluoromethane	3.062	101	380303	46.430	ug/l	99
8) Diethyl Ether	3.458	74	102337	47.814	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.824	101	217973	51.283	ug/l	99
10) Methyl Iodide	4.007	142	273590	57.819	ug/l	100
11) Tert butyl alcohol	4.860	59	63427	220.731	ug/l	99
12) 1,1-Dichloroethene	3.793	96	204537	49.641	ug/l	94
13) Acrolein	3.653	56	17244	42.470	ug/l	99
14) Allyl chloride	4.391	41	267846	53.340	ug/l	98
15) Acrylonitrile	5.061	53	200628	244.939	ug/l	99
16) Acetone	3.866	43	236639	257.343	ug/l	98
17) Carbon Disulfide	4.110	76	541395	45.909	ug/l	99
18) Methyl Acetate	4.391	43	135072	55.996	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	503670	50.861	ug/l	97
20) Methylene Chloride	4.622	84	236416	47.546	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	237635	52.385	ug/l	95
22) Diisopropyl ether	6.025	45	624784	56.249	ug/l	98
23) Vinyl Acetate	5.964	43	1504905	250.309	ug/l	99
24) 1,1-Dichloroethane	5.921	63	403888	54.894	ug/l	98
25) 2-Butanone	6.896	43	264989	236.045	ug/l	97
26) 2,2-Dichloropropane	6.890	77	374320	55.444	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	287368	54.841	ug/l	99
28) Bromochloromethane	7.250	49	132281	48.160	ug/l	96
29) Tetrahydrofuran	7.262	42	146424	230.008	ug/l	99
30) Chloroform	7.427	83	451866	55.898	ug/l	99
31) Cyclohexane	7.707	56	305251	47.507	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	397925	54.167	ug/l	99
36) 1,1-Dichloropropene	7.841	75	294628	54.459	ug/l	99
37) Ethyl Acetate	6.988	43	100526	46.901	ug/l	99
38) Carbon Tetrachloride	7.823	117	356470	54.339	ug/l	97
39) Methylcyclohexane	9.116	83	364277	51.714	ug/l	97
40) Benzene	8.085	78	958091	55.919	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
 Supervised By :Semsettin Yesilyurt 11/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	58593m	50.546	ug/l	
42) 1,2-Dichloroethane	8.158	62	236144	53.442	ug/l	99
43) Isopropyl Acetate	8.201	43	204043	47.742	ug/l	99
44) Trichloroethene	8.872	130	270820	54.004	ug/l	99
45) 1,2-Dichloropropane	9.140	63	217532	57.482	ug/l	98
46) Dibromomethane	9.231	93	128116	53.538	ug/l	98
47) Bromodichloromethane	9.426	83	341977	56.743	ug/l	99
48) Methyl methacrylate	9.225	41	98890	49.252	ug/l	97
49) 1,4-Dioxane	9.231	88	25774	928.969	ug/l	99
51) 4-Methyl-2-Pentanone	10.000	43	552309	250.121	ug/l	99
52) Toluene	10.170	92	631102	56.731	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	284401	54.271	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	343580	55.551	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	175179	54.438	ug/l	97
56) Ethyl methacrylate	10.438	69	195993	52.801	ug/l	99
57) 1,3-Dichloropropane	10.719	76	278103	54.539	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	434206	261.121	ug/l	98
59) 2-Hexanone	10.762	43	392649	248.819	ug/l	99
60) Dibromochloromethane	10.914	129	244248	54.138	ug/l	99
61) 1,2-Dibromoethane	11.018	107	161019	52.467	ug/l	99
64) Tetrachloroethene	10.646	164	330471	53.734	ug/l	96
65) Chlorobenzene	11.444	112	710474	54.843	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	256006	55.455	ug/l	98
67) Ethyl Benzene	11.518	91	1201554	57.300	ug/l	99
68) m/p-Xylenes	11.627	106	954497	113.484	ug/l	98
69) o-Xylene	11.956	106	442584	56.100	ug/l	98
70) Styrene	11.969	104	743016	57.272	ug/l	99
71) Bromoform	12.133	173	144743	50.547	ug/l	99
73) Isopropylbenzene	12.255	105	1174672	57.452	ug/l	99
74) N-amyl acetate	12.072	43	169550	46.168	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	166253	49.715	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	133549m	48.789	ug/l	
77) Bromobenzene	12.530	156	290562	53.455	ug/l	98
78) n-propylbenzene	12.597	91	1387644	58.648	ug/l	99
79) 2-Chlorotoluene	12.682	91	790048	57.020	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	968283	58.605	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	55268	49.512	ug/l	97
82) 4-Chlorotoluene	12.780	91	818071	57.330	ug/l	99
83) tert-Butylbenzene	12.999	119	876173	57.435	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	955742	57.963	ug/l	99
85) sec-Butylbenzene	13.176	105	1263491	57.738	ug/l	99
86) p-Isopropyltoluene	13.292	119	1078678	57.895	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	577534	54.562	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	554490	53.040	ug/l	99
89) n-Butylbenzene	13.615	91	939971	57.900	ug/l	99
90) Hexachloroethane	13.883	117	221593	55.297	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	495479	53.392	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	25290	46.090	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	280352	48.459	ug/l	99
94) Hexachlorobutadiene	15.023	225	186418	51.691	ug/l	99
95) Naphthalene	15.145	128	401468	43.578	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	230552	46.008	ug/l	99

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDCCC050

Manual Integrations
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Supervised By :Semsettin Yesilyurt 11/03/2025

Quant Time: Nov 01 03:19:07 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

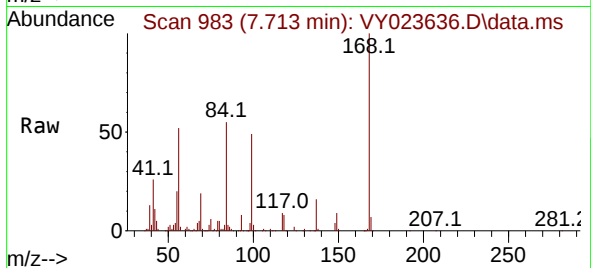
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

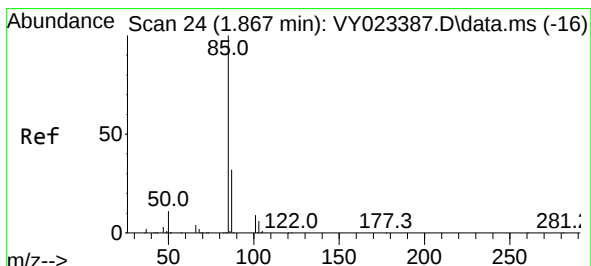
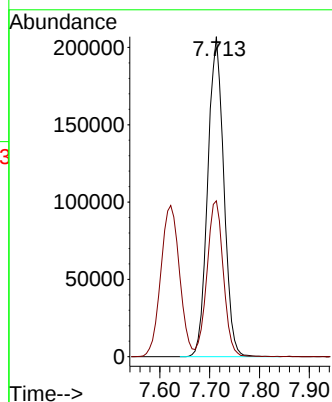
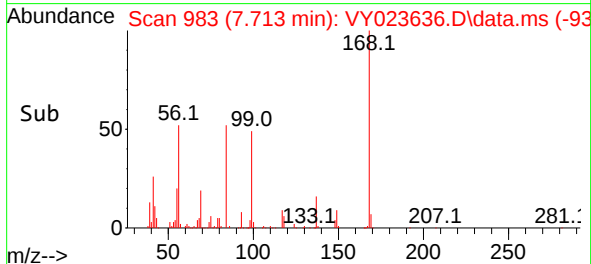
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 461900
Ion Ratio Lower Upper
168 100
99 48.6 39.7 59.5

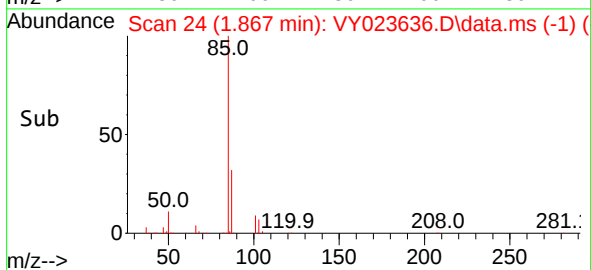
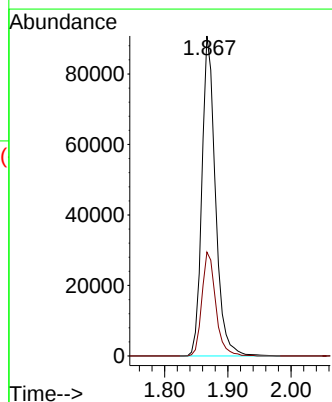
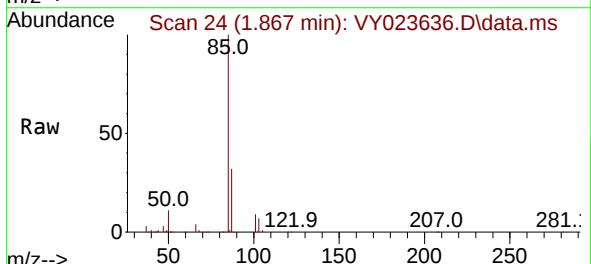
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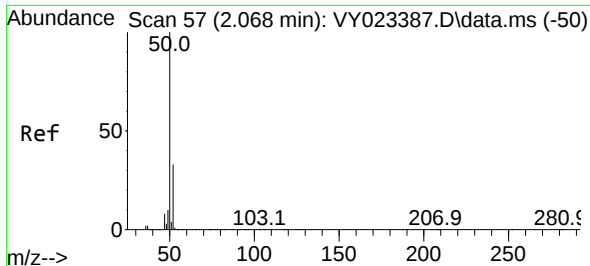
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#2
Dichlorodifluoromethane
Concen: 40.771 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Tgt Ion: 85 Resp: 135552
Ion Ratio Lower Upper
85 100
87 32.4 16.0 47.9





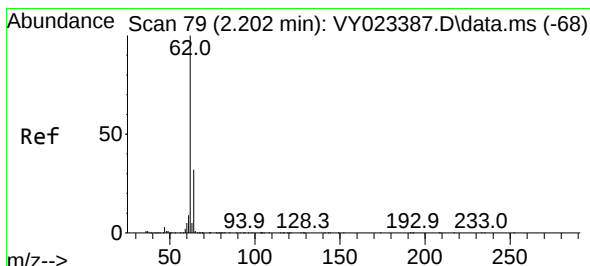
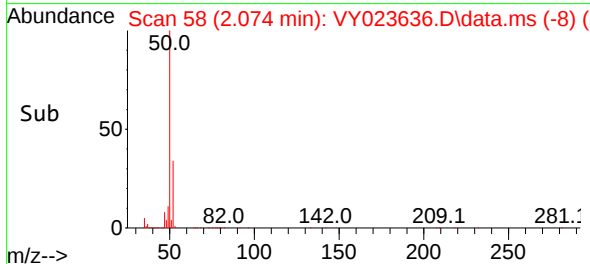
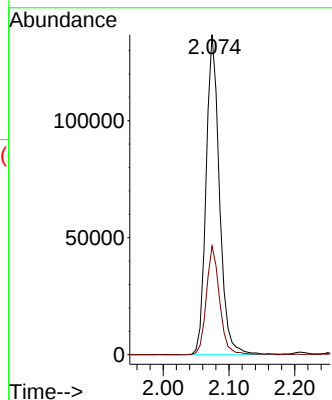
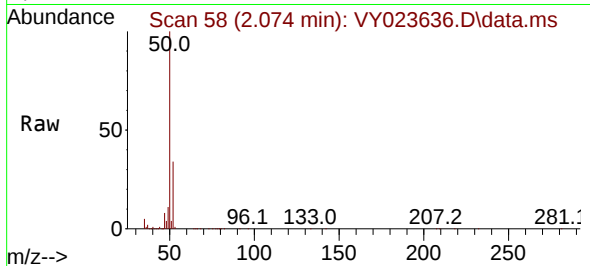
#3
Chloromethane
Concen: 42.785 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 19378
Ion Ratio Lower Upper
50 100
52 33.9 26.2 39.2

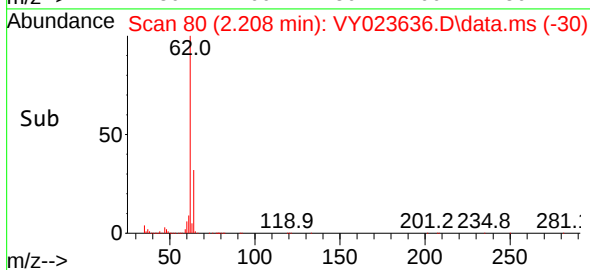
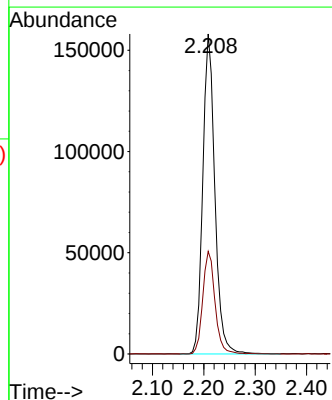
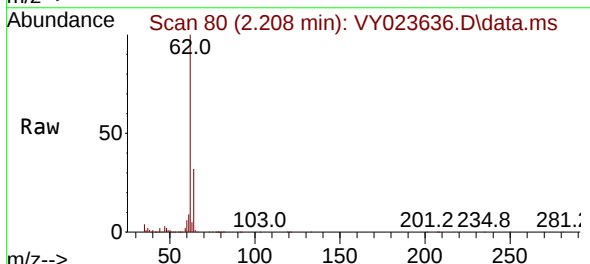
Manual Integrations
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#4
Vinyl Chloride
Concen: 43.628 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

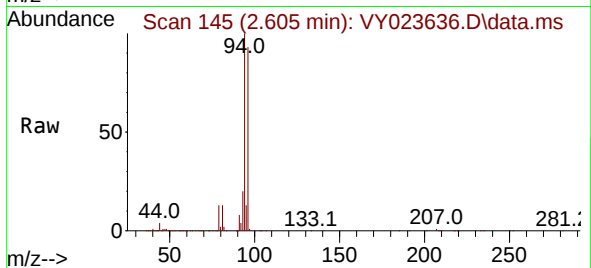
Tgt Ion: 62 Resp: 257370
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.8





#5
Bromomethane
Concen: 43.027 ug/l
RT: 2.605 min Scan# 143
Delta R.T. 0.012 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

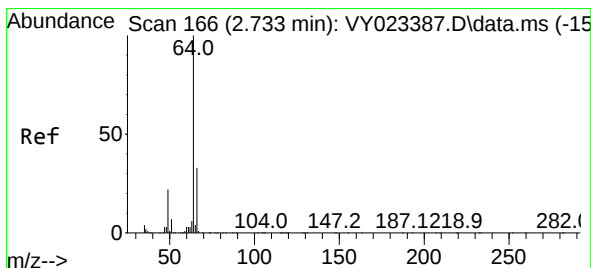
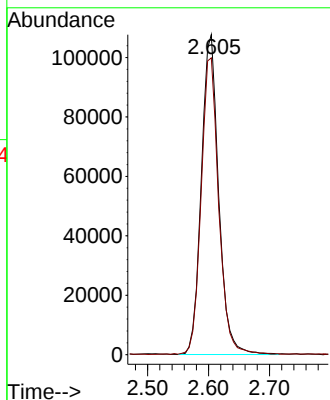
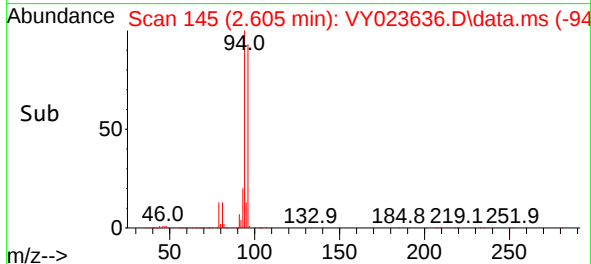
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



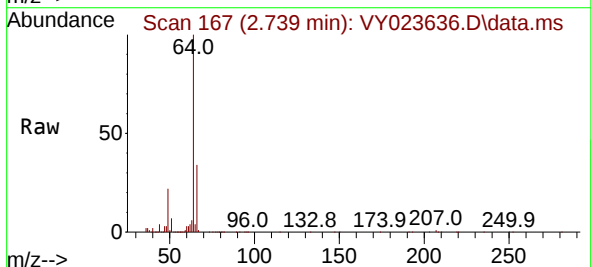
Tgt Ion: 94 Resp: 213008
Ion Ratio Lower Upper
94 100
96 92.6 74.5 111.7

Manual Integrations
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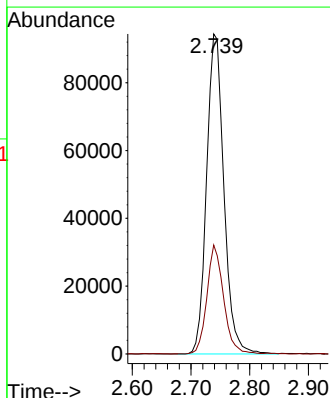
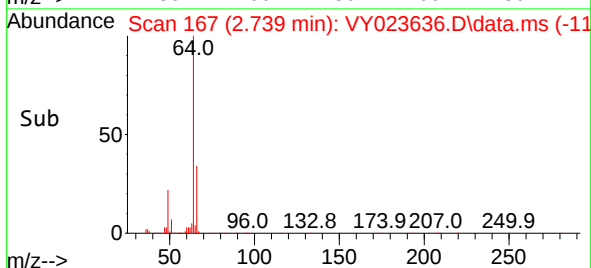
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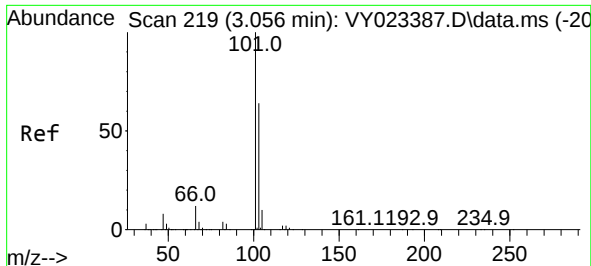


#6
Chloroethane
Concen: 48.042 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50



Tgt Ion: 64 Resp: 193188
Ion Ratio Lower Upper
64 100
66 34.0 26.2 39.4





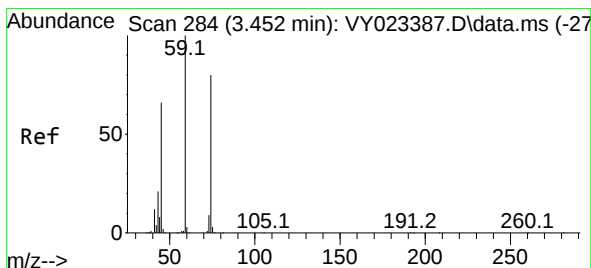
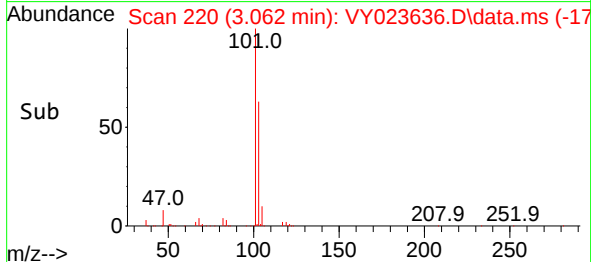
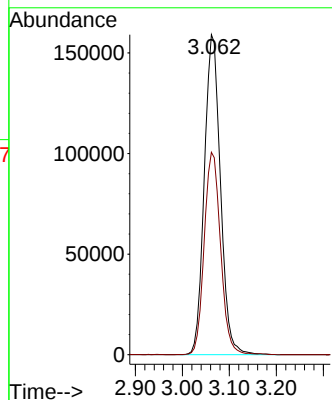
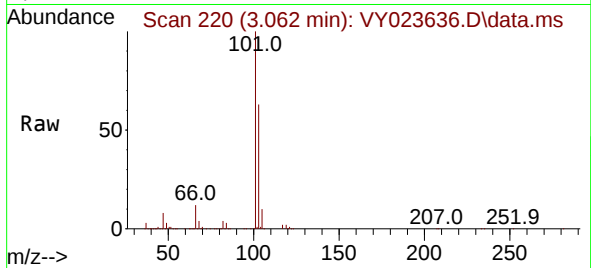
#7
Trichlorofluoromethane
Concen: 46.430 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 38030
Ion Ratio Lower Upper
101 100
103 63.3 51.3 76.9

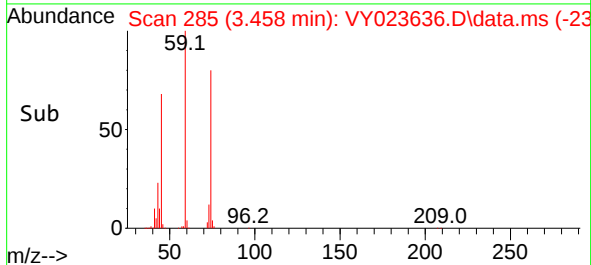
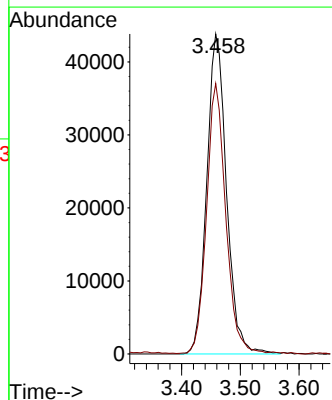
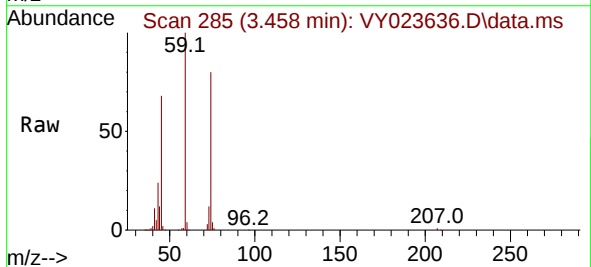
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 11/03/2025



#8
Diethyl Ether
Concen: 47.814 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Tgt Ion: 74 Resp: 102337
Ion Ratio Lower Upper
74 100
45 81.7 39.9 119.7





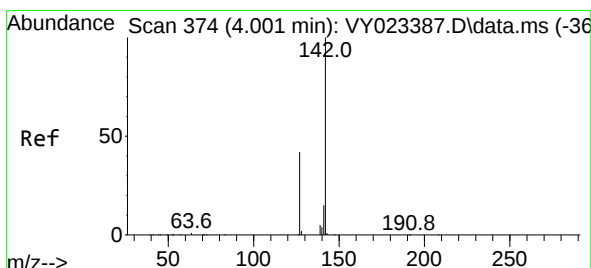
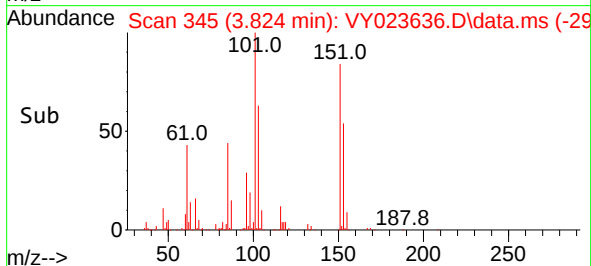
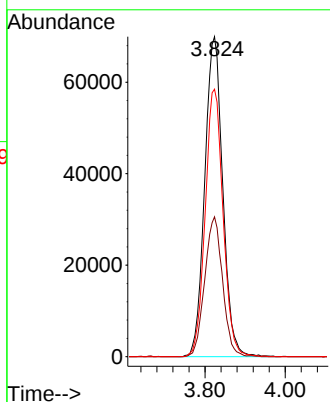
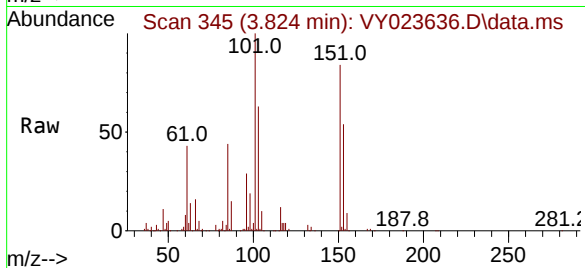
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.283 ug/l
RT: 3.824 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:101 Resp: 21797
Ion Ratio Lower Upper
101 100
85 43.4 34.6 51.8
151 83.2 67.0 100.6

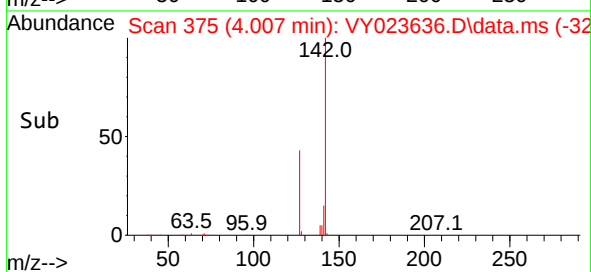
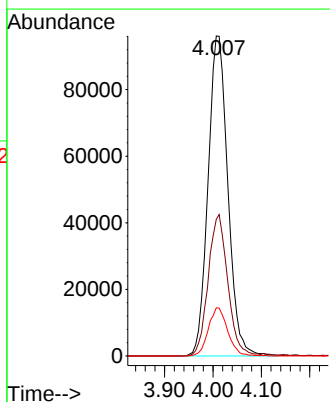
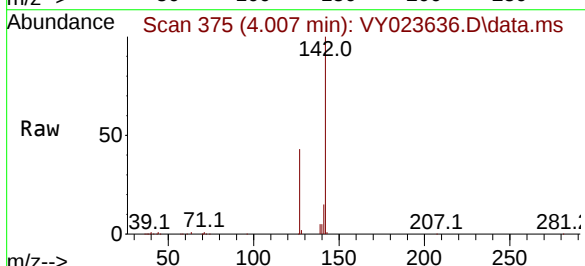
Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#10
Methyl Iodide
Concen: 57.819 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

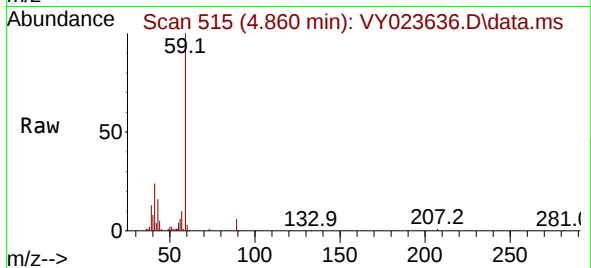
Tgt Ion:142 Resp: 273590
Ion Ratio Lower Upper
142 100
127 43.5 34.8 52.2
141 14.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 220.731 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

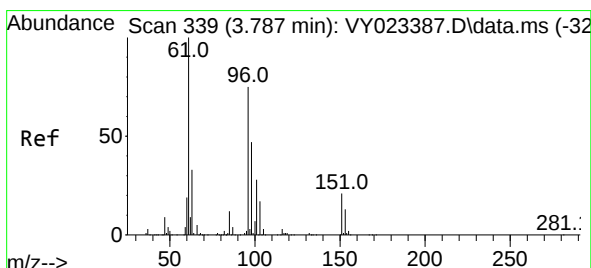
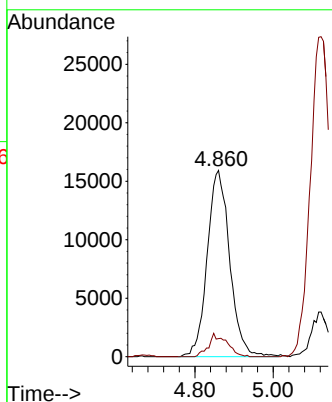
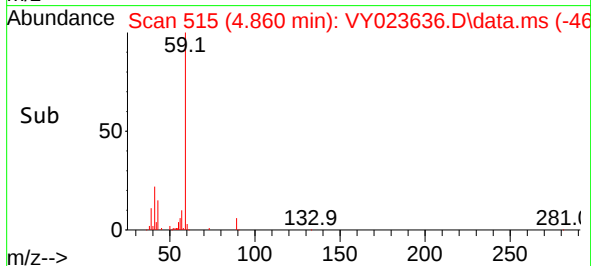
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



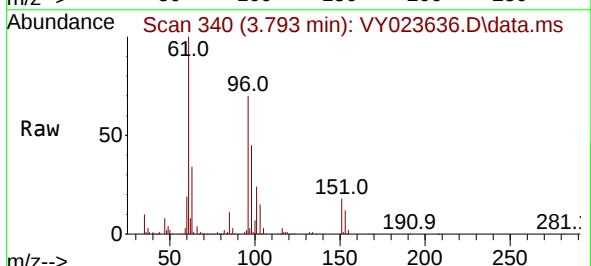
Tgt Ion: 59 Resp: 6342
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

Manual Integrations
APPROVED

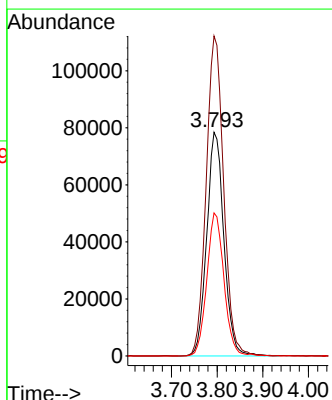
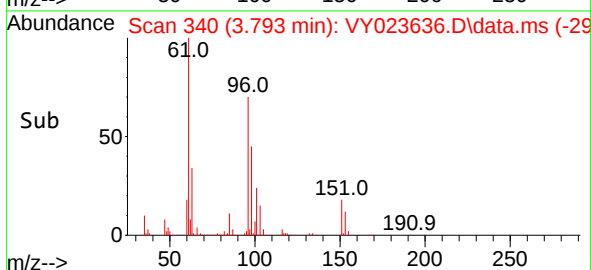
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

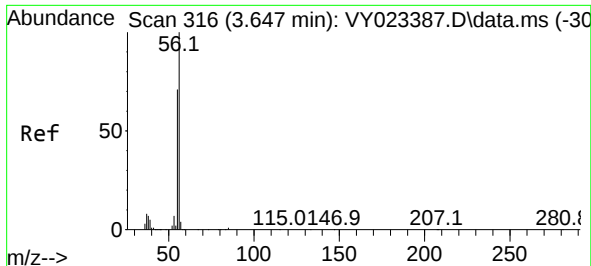


#12
1,1-Dichloroethene
Concen: 49.641 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50



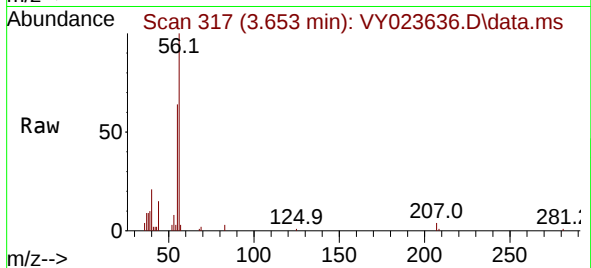
Tgt Ion: 96 Resp: 204537
Ion Ratio Lower Upper
96 100
61 143.1 106.7 160.1
98 64.0 50.2 75.4





#13
Acrolein
Concen: 42.470 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

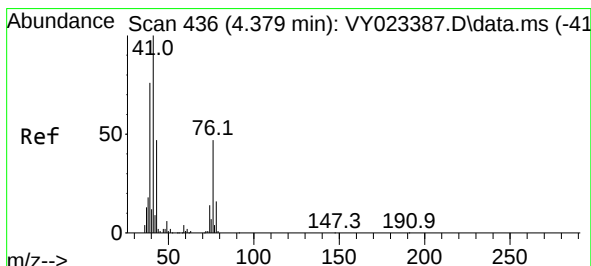
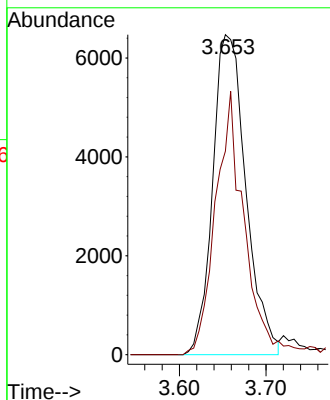
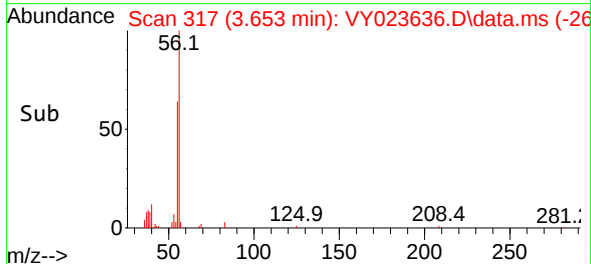
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 17244
Ion Ratio Lower Upper
56 100
55 70.9 56.1 84.1

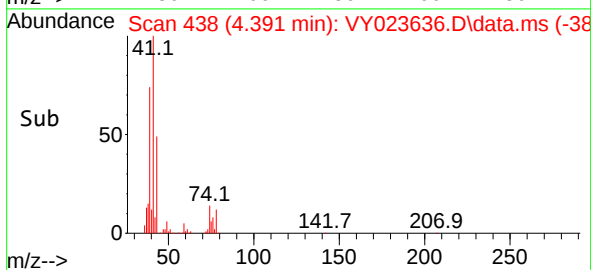
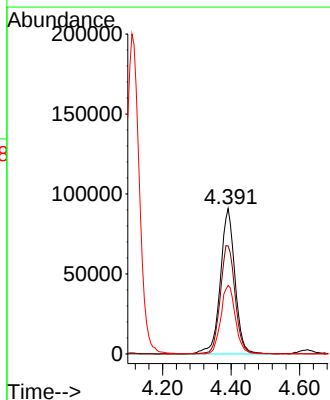
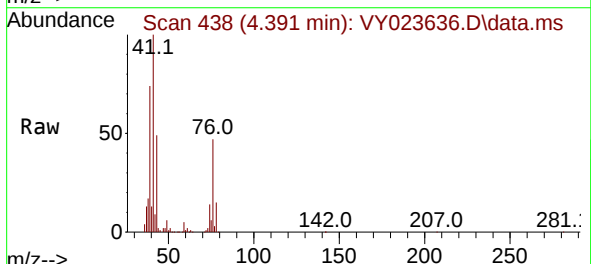
Manual Integrations
APPROVED

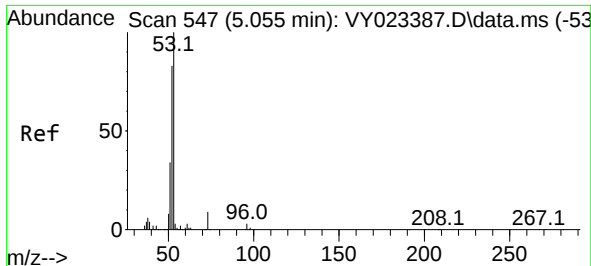
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#14
Allyl chloride
Concen: 53.340 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

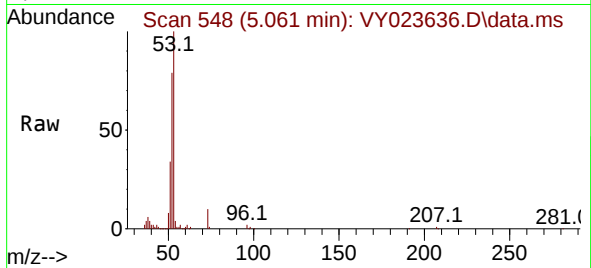
Tgt Ion: 41 Resp: 267846
Ion Ratio Lower Upper
41 100
39 76.4 59.9 89.9
76 46.7 38.0 57.0





#15
Acrylonitrile
Concen: 244.939 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

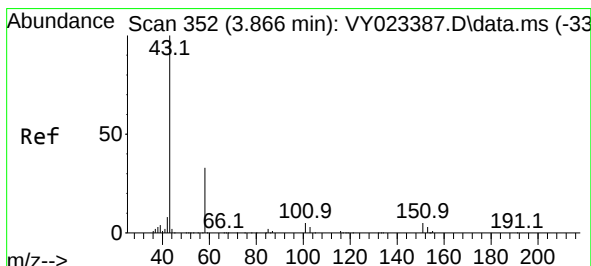
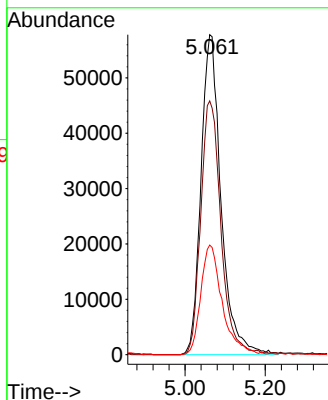
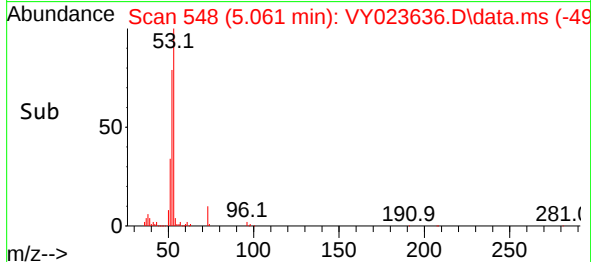
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



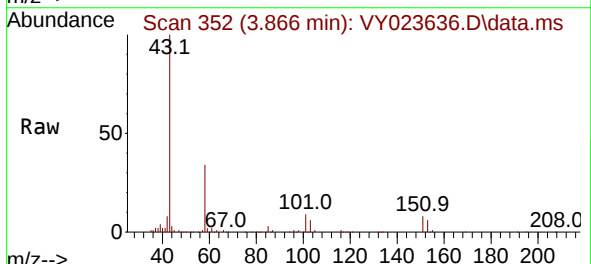
Tgt Ion: 53 Resp: 200628
Ion Ratio Lower Upper
53 100
52 79.8 64.6 97.0
51 36.6 29.5 44.3

Manual Integrations
APPROVED

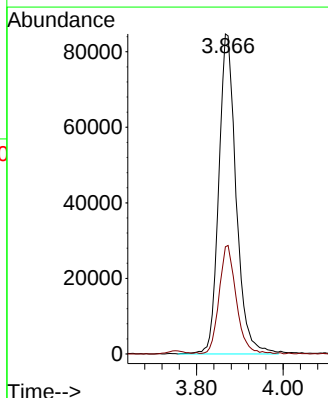
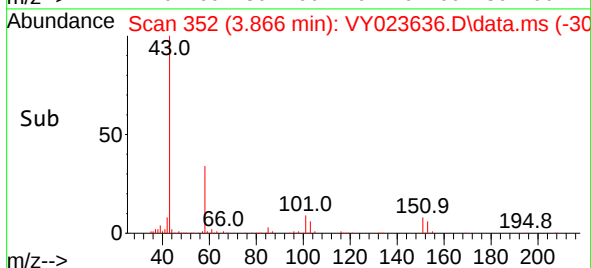
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

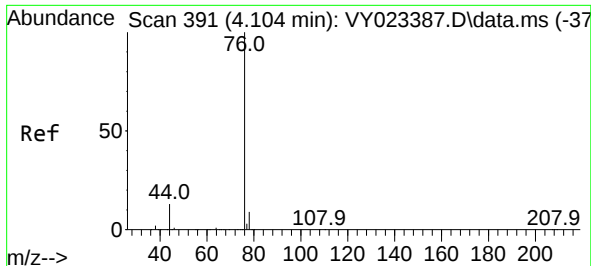


#16
Acetone
Concen: 257.343 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50



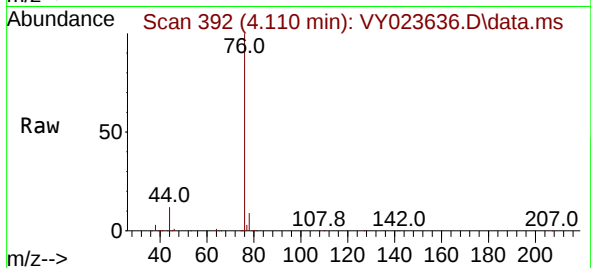
Tgt Ion: 43 Resp: 236639
Ion Ratio Lower Upper
43 100
58 33.2 27.7 41.5





#17
Carbon Disulfide
Concen: 45.909 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

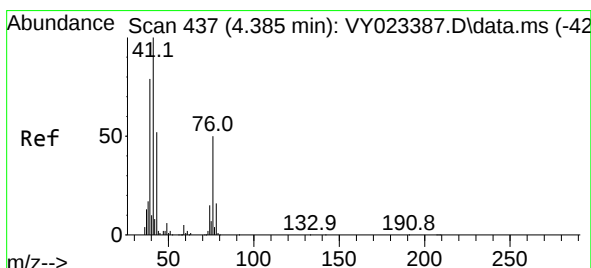
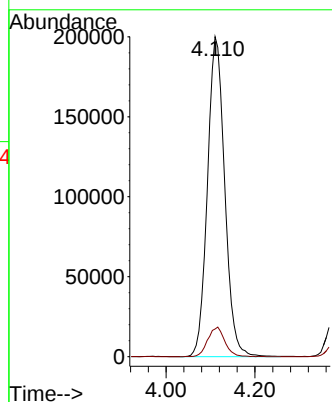
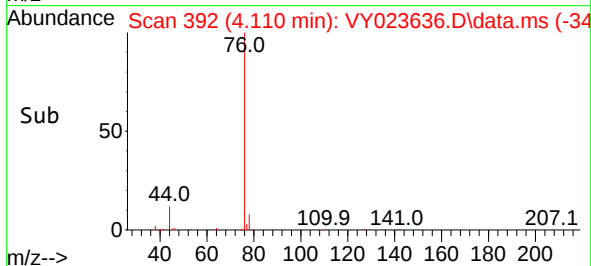
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 54139
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9

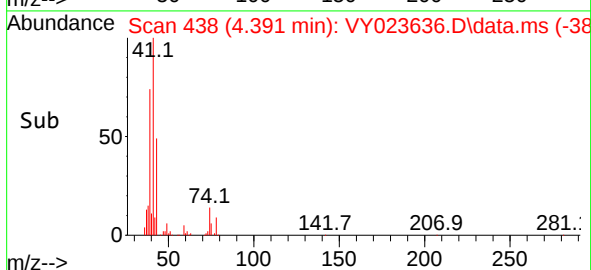
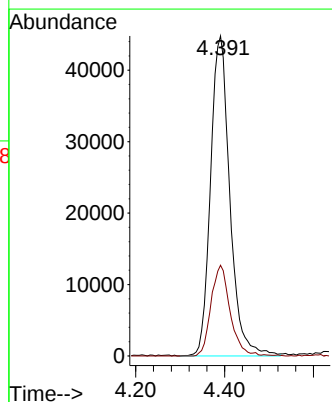
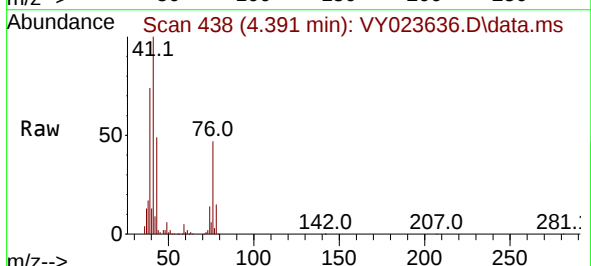
Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#18
Methyl Acetate
Concen: 55.996 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

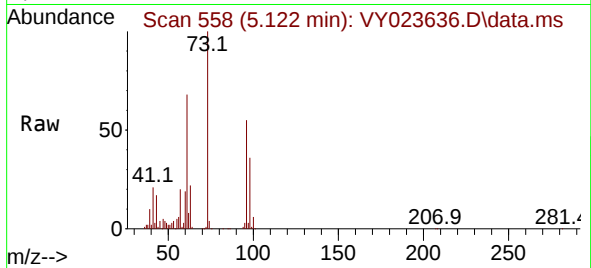
Tgt Ion: 43 Resp: 135072
Ion Ratio Lower Upper
43 100
74 28.0 24.2 36.4





#19
Methyl tert-butyl Ether
Concen: 50.861 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

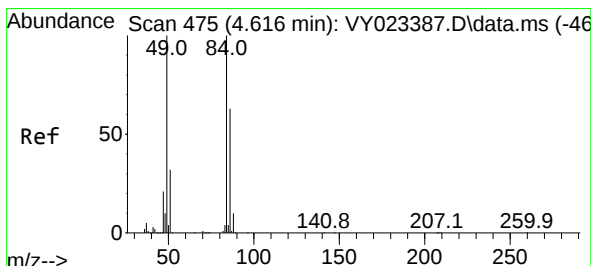
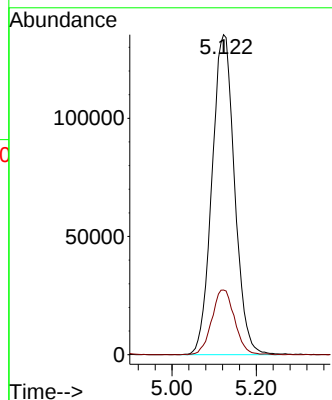
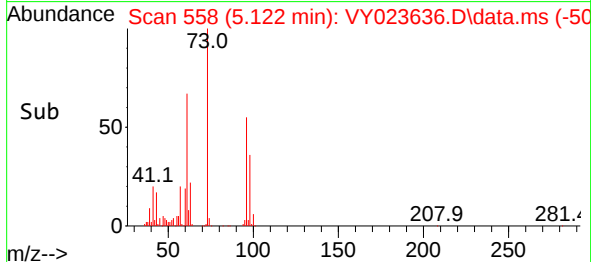
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



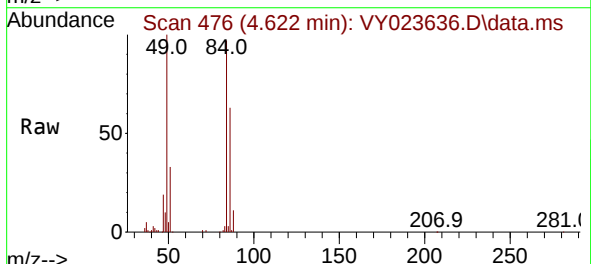
Tgt Ion: 73 Resp: 503670
Ion Ratio Lower Upper
73 100
57 20.2 17.4 26.0

Manual Integrations
APPROVED

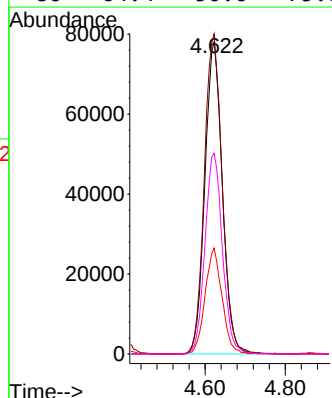
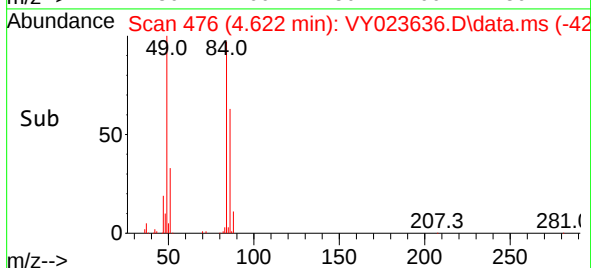
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

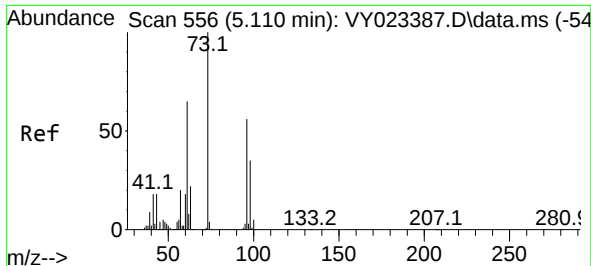


#20
Methylene Chloride
Concen: 47.546 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50



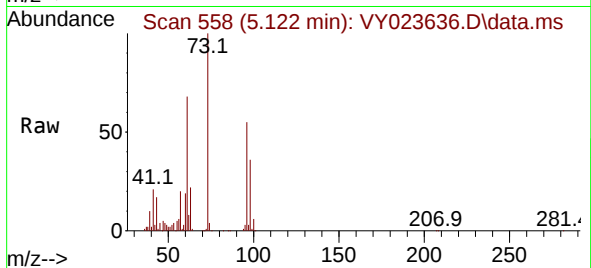
Tgt Ion: 84 Resp: 236416
Ion Ratio Lower Upper
84 100
49 102.6 80.2 120.4
51 34.0 25.9 38.9
86 64.4 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 52.385 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

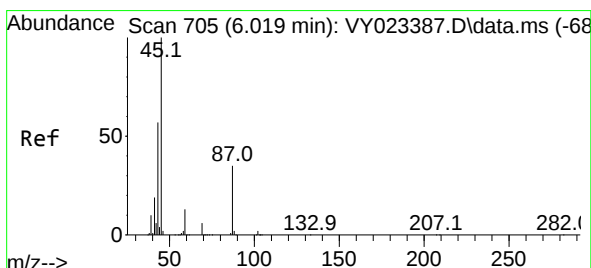
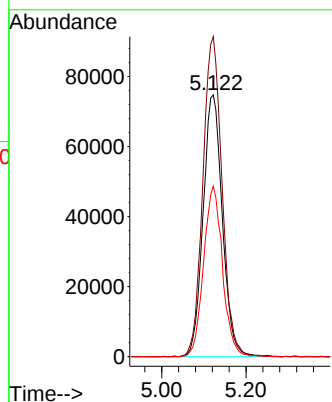
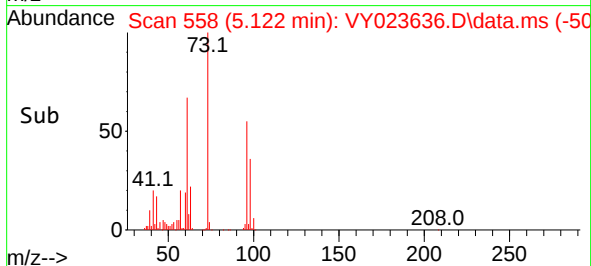
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



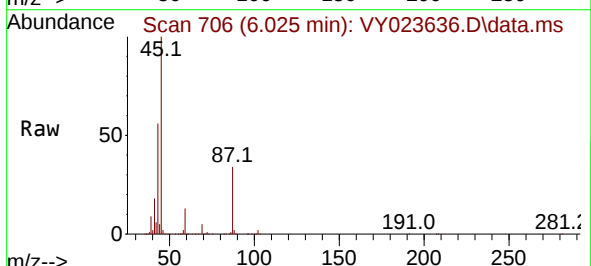
Tgt Ion: 96 Resp: 237638
Ion Ratio Lower Upper
96 100
61 122.2 92.7 139.1
98 65.1 49.7 74.5

Manual Integrations
APPROVED

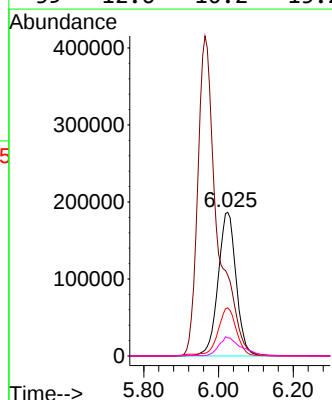
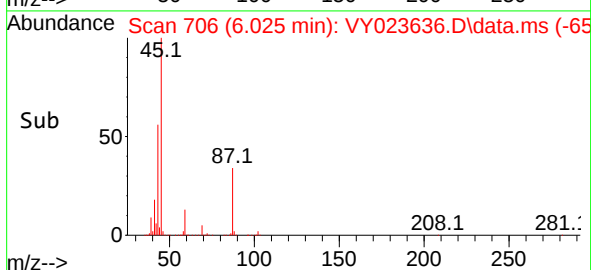
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#22
Diisopropyl ether
Concen: 56.249 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50



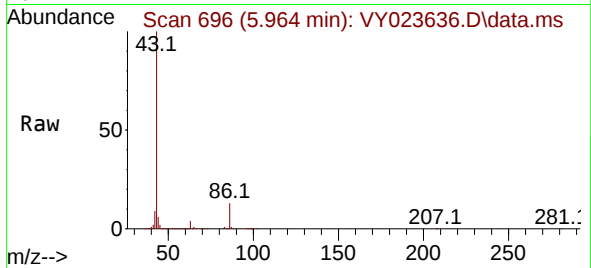
Tgt Ion: 45 Resp: 624784
Ion Ratio Lower Upper
45 100
43 56.1 45.6 68.4
87 33.5 28.1 42.1
59 12.6 10.2 15.2





#23
 Vinyl Acetate
 Concen: 250.309 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023636.D
 Acq: 31 Oct 2025 08:50

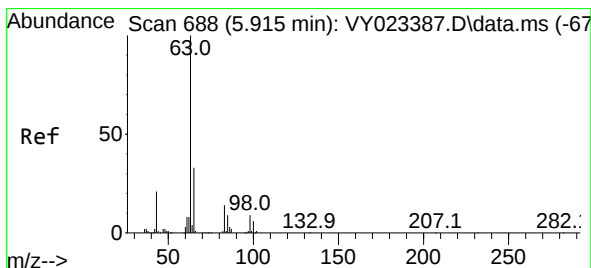
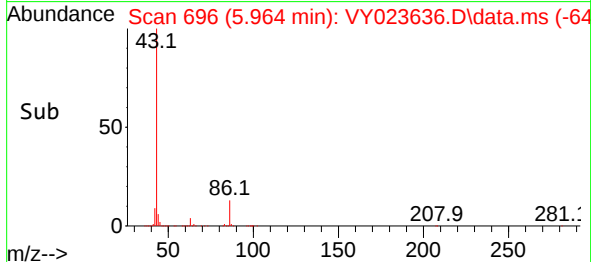
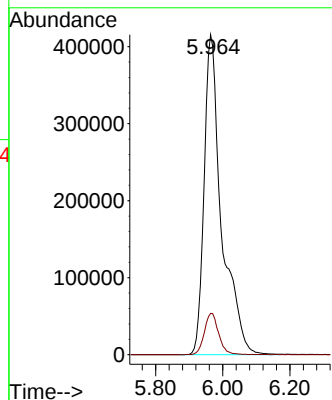
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 150490
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.6 15.8

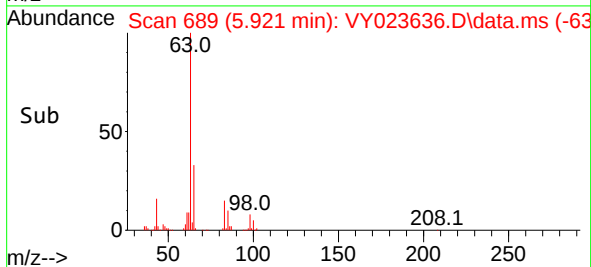
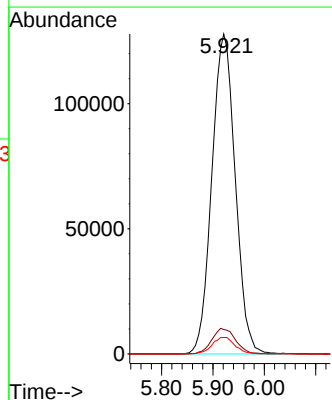
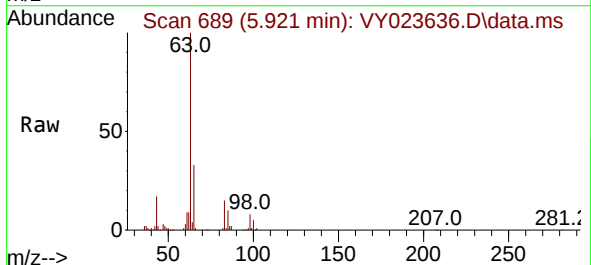
Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/03/2025
 Supervised By :Semsettin Yesilyurt 11/03/2025



#24
 1,1-Dichloroethane
 Concen: 54.894 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023636.D
 Acq: 31 Oct 2025 08:50

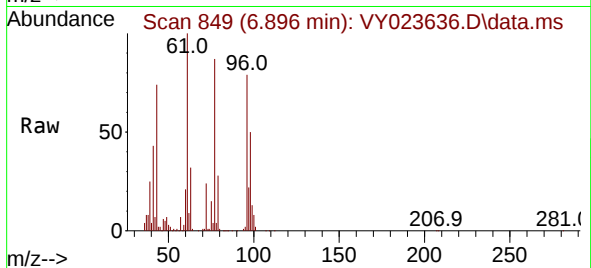
Tgt Ion: 63 Resp: 403888
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.3 13.1
 100 5.2 2.8 8.4





#25
2-Butanone
Concen: 236.045 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

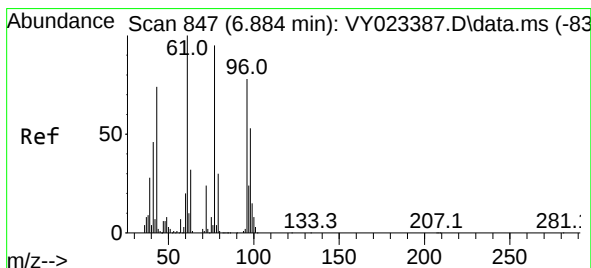
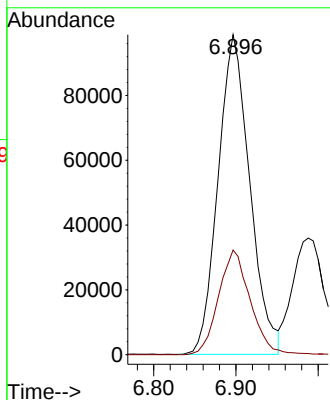
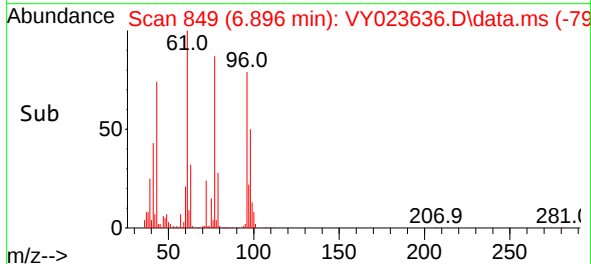
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



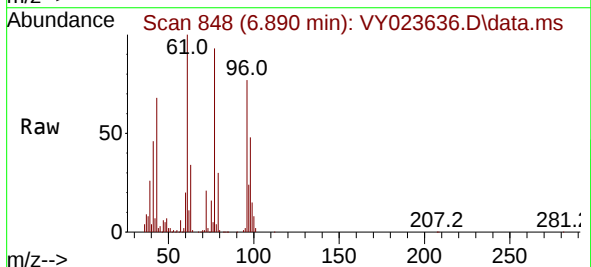
Tgt Ion: 43 Resp: 264989
Ion Ratio Lower Upper
43 100
72 32.8 27.4 41.2

Manual Integrations
APPROVED

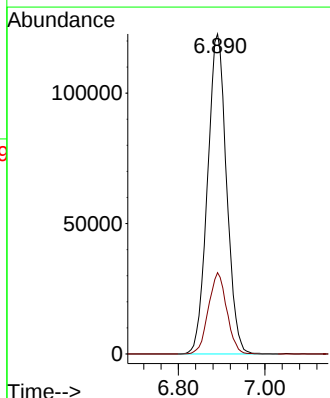
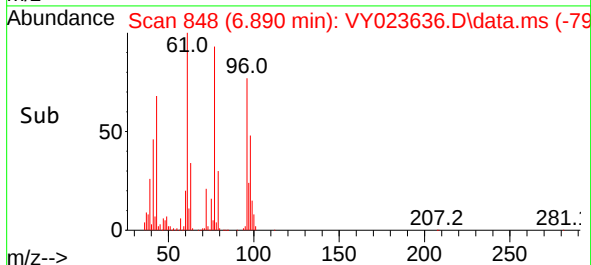
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#26
2,2-Dichloropropane
Concen: 55.444 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50



Tgt Ion: 77 Resp: 374320
Ion Ratio Lower Upper
77 100
97 24.5 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 54.841 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023636.D

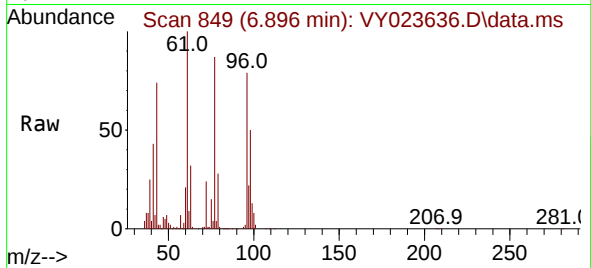
Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 96 Resp: 28736

Ion Ratio Lower Upper

96 100

61 129.1 0.0 258.2

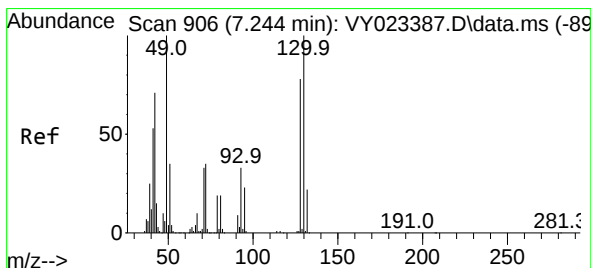
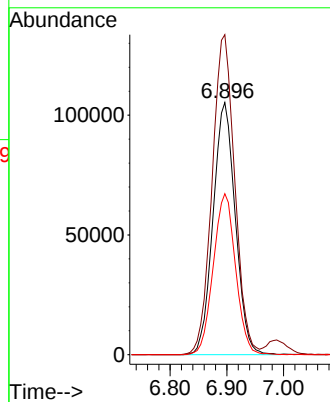
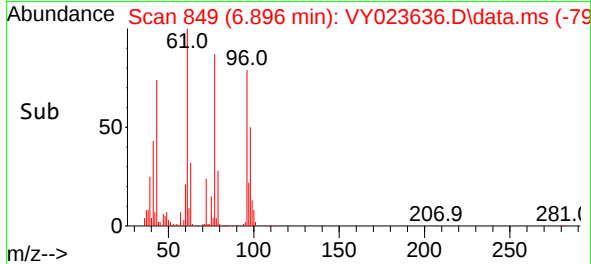
98 63.9 0.0 132.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#28

Bromochloromethane

Concen: 48.160 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

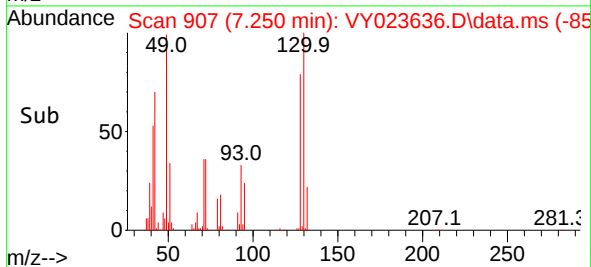
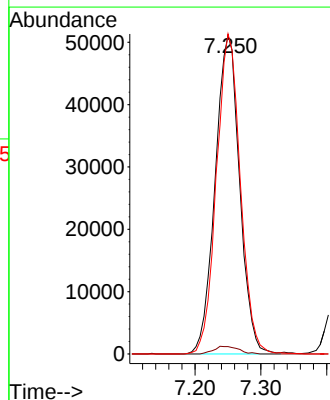
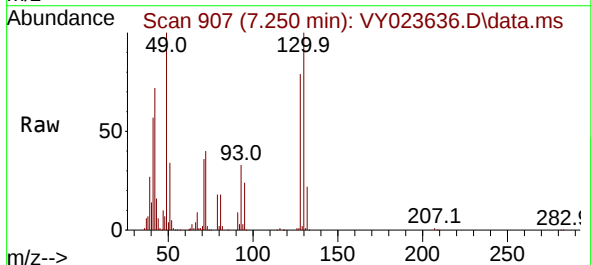
Tgt Ion: 49 Resp: 132281

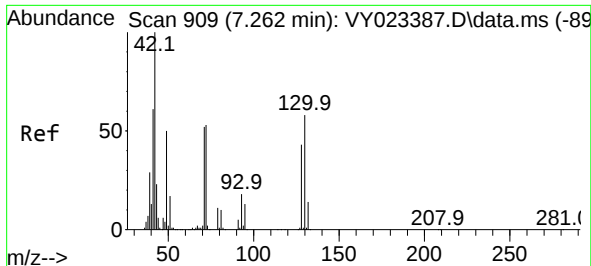
Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.6

130 98.2 81.9 122.9





#29

Tetrahydrofuran

Concen: 230.008 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 146424

Ion Ratio Lower Upper

42 100

72 53.6 43.0 64.6

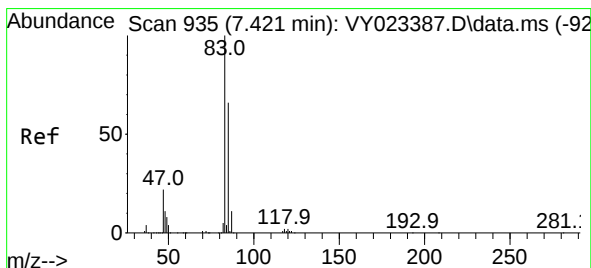
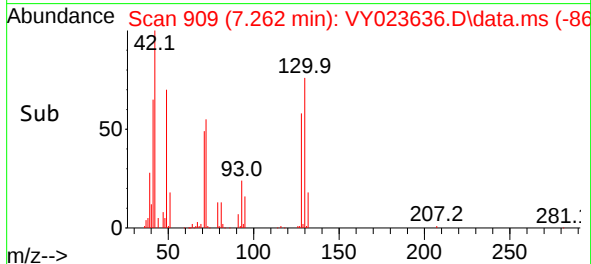
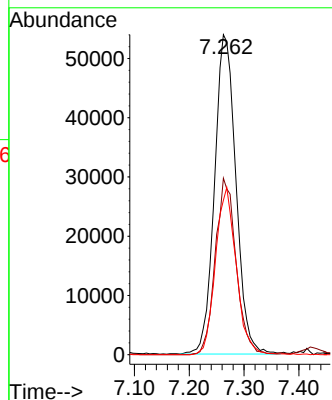
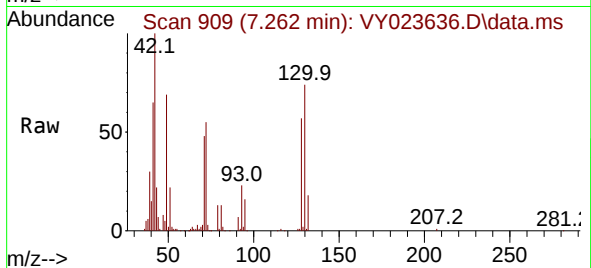
71 50.7 40.1 60.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#30

Chloroform

Concen: 55.898 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023636.D

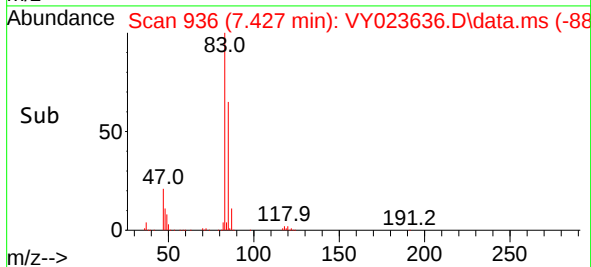
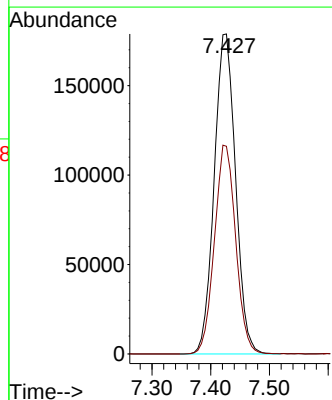
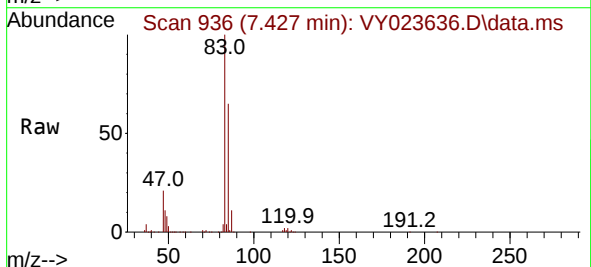
Acq: 31 Oct 2025 08:50

Tgt Ion: 83 Resp: 451866

Ion Ratio Lower Upper

83 100

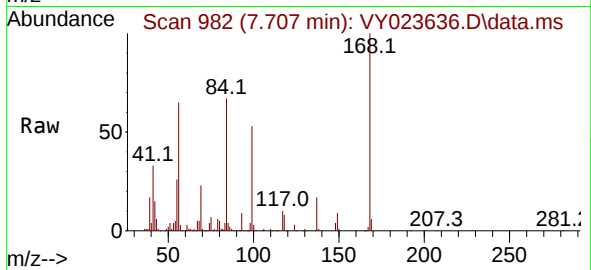
85 64.9 52.5 78.7





#31
Cyclohexane
Concen: 47.507 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

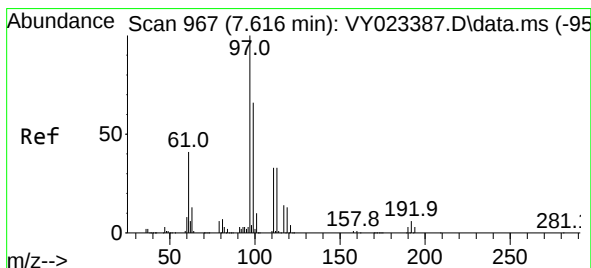
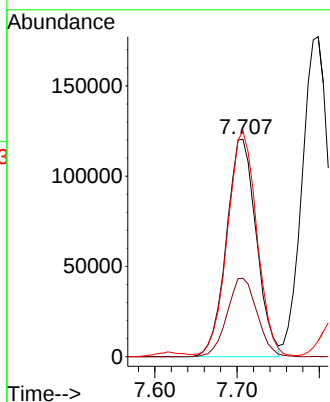
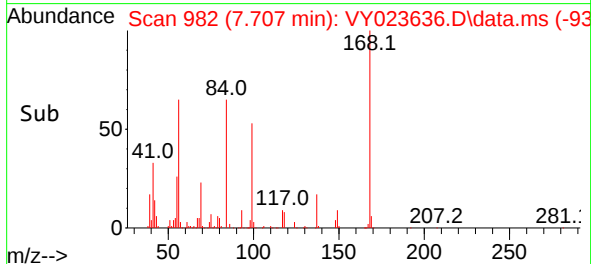
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



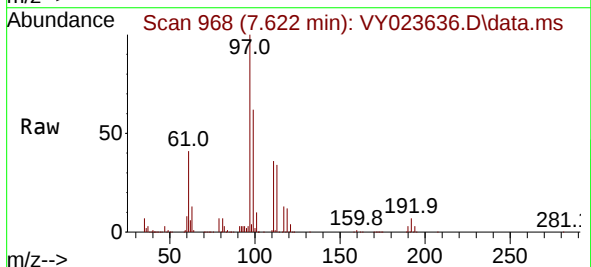
Tgt Ion: 56 Resp: 30525
Ion Ratio Lower Upper
56 100
69 36.1 30.0 45.0
84 102.4 81.2 121.8

Manual Integrations
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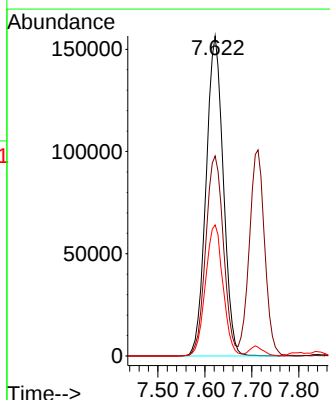
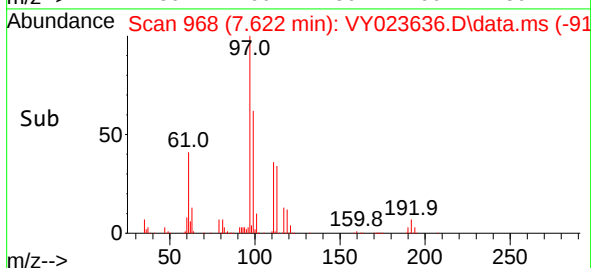
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#32
1,1,1-Trichloroethane
Concen: 54.167 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50



Tgt Ion: 97 Resp: 397925
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.2
61 41.7 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 49.181 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 18996

Ion Ratio Lower Upper

65 100

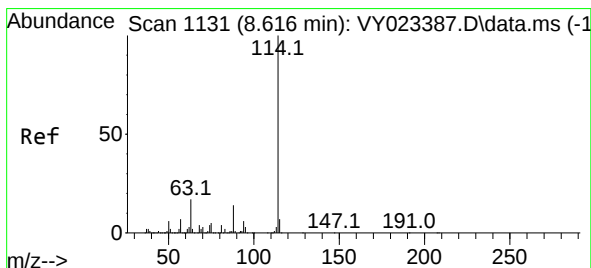
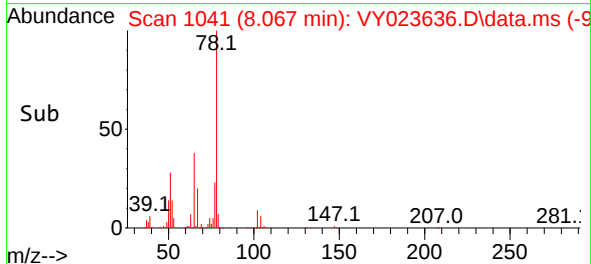
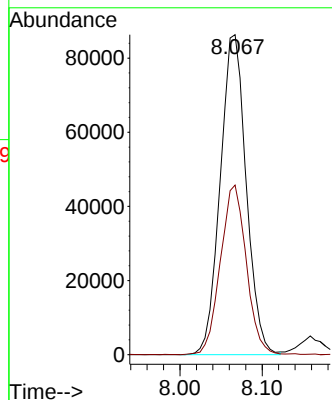
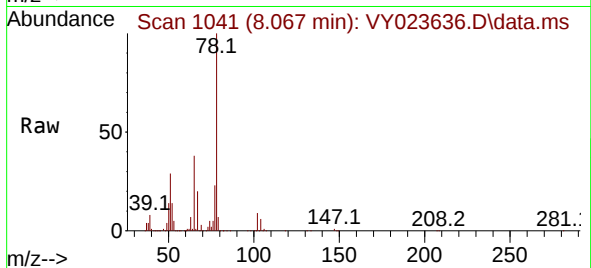
67 52.8 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

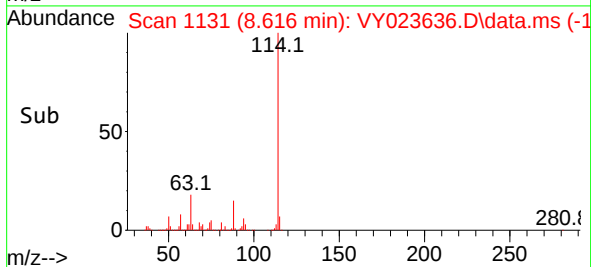
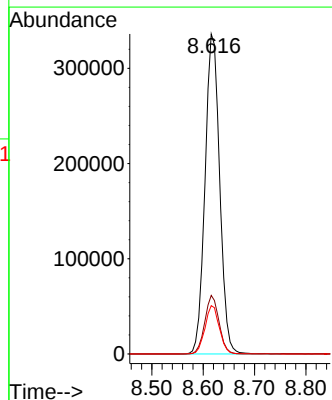
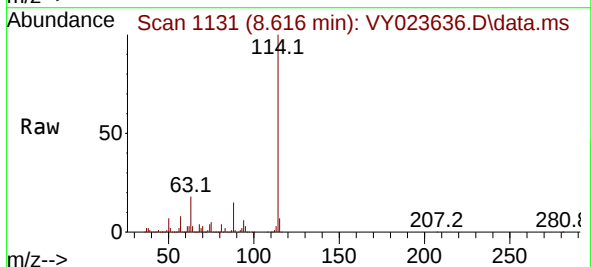
Tgt Ion:114 Resp: 665068

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.2

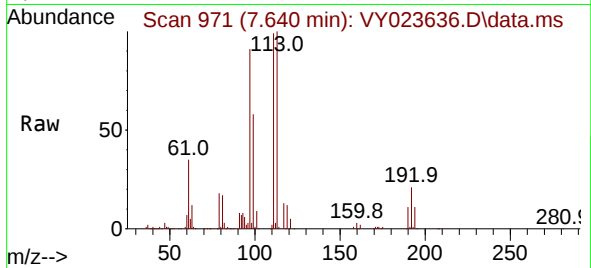
88 15.1 0.0 28.4





#35
Dibromofluoromethane
Concen: 52.681 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

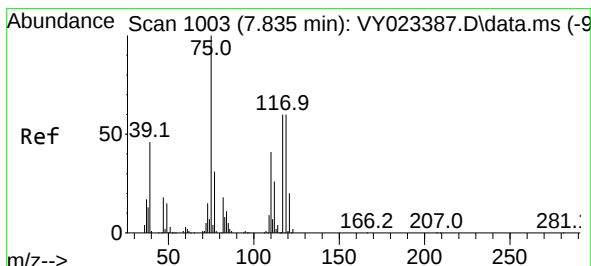
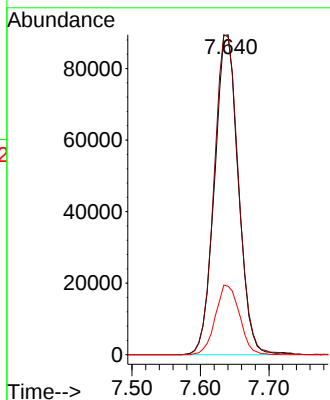
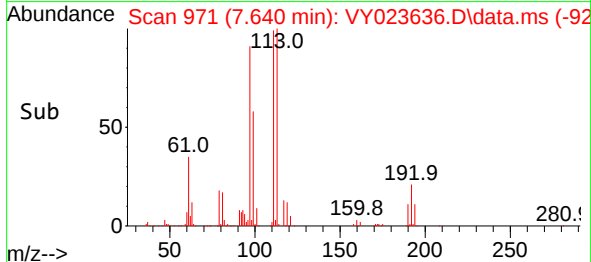
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



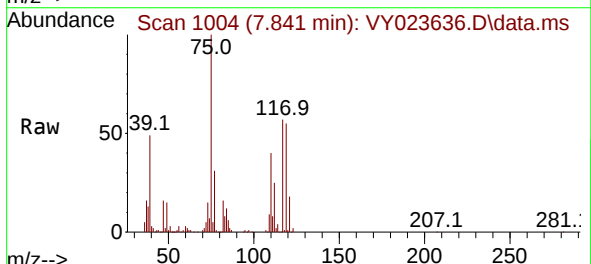
Tgt Ion:113 Resp: 21528
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.6
192 22.0 18.0 27.0

Manual Integrations
APPROVED

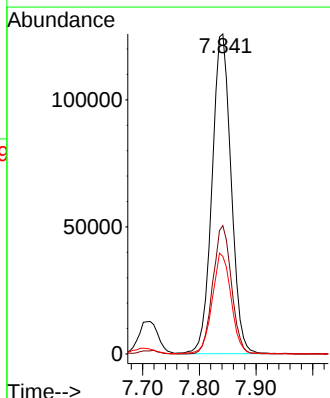
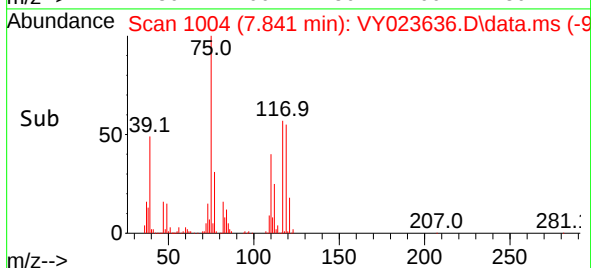
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

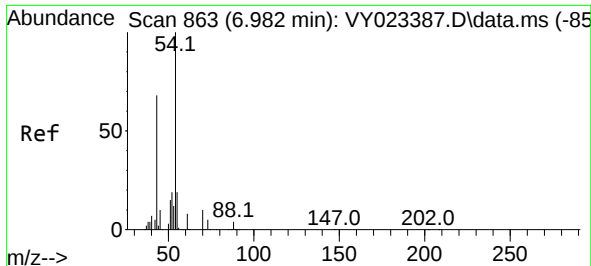


#36
1,1-Dichloropropene
Concen: 54.459 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50



Tgt Ion: 75 Resp: 294628
Ion Ratio Lower Upper
75 100
110 39.1 19.9 59.7
77 31.4 25.0 37.6





#37

Ethyl Acetate

Concen: 46.901 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 100520

Ion Ratio Lower Upper

43 100

61 15.6 11.8 17.8

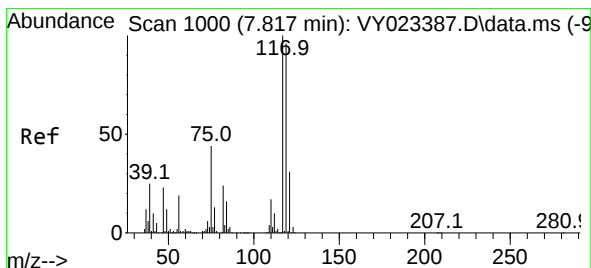
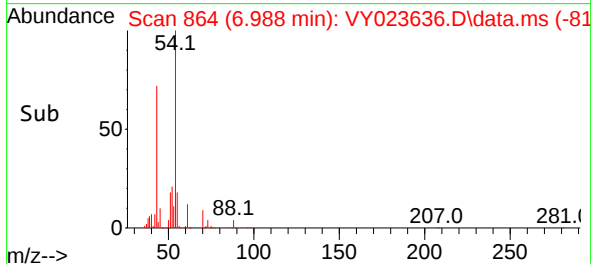
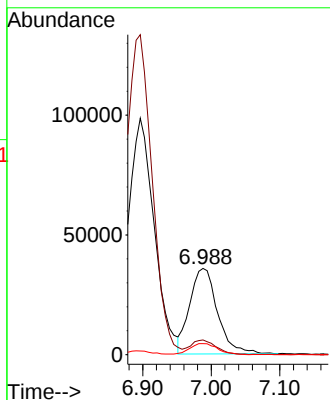
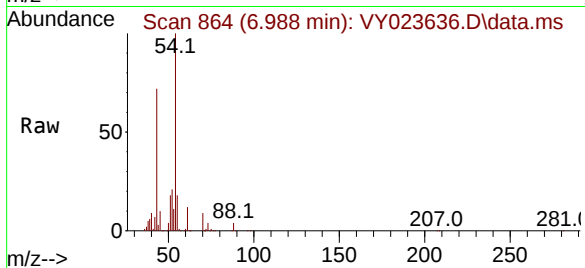
70 13.0 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#38

Carbon Tetrachloride

Concen: 54.339 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

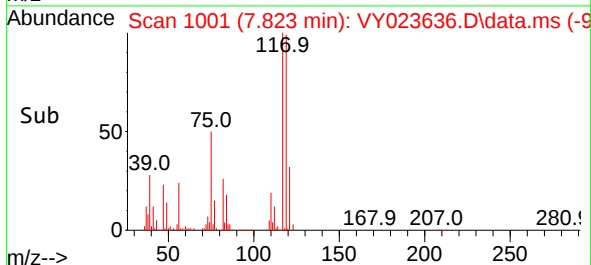
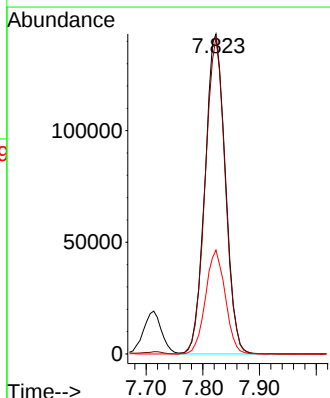
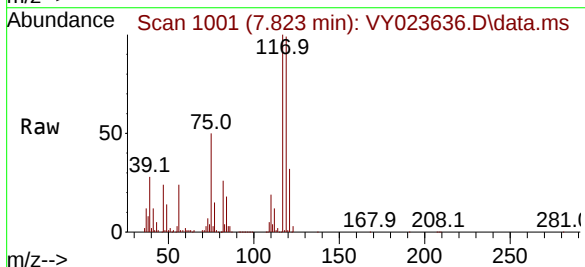
Tgt Ion:117 Resp: 356470

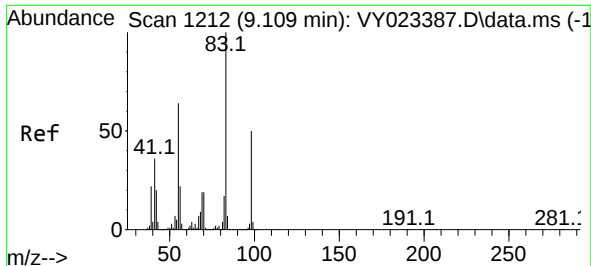
Ion Ratio Lower Upper

117 100

119 98.9 76.8 115.2

121 32.5 24.5 36.7





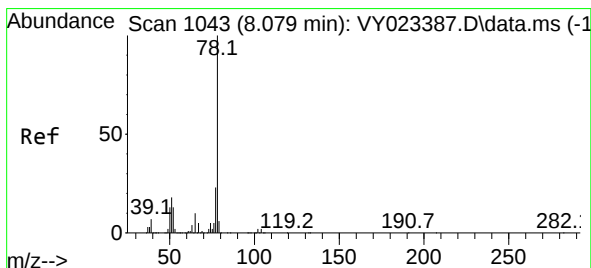
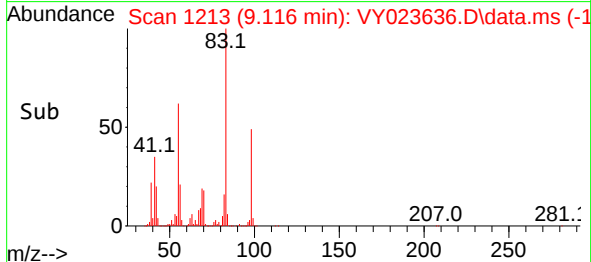
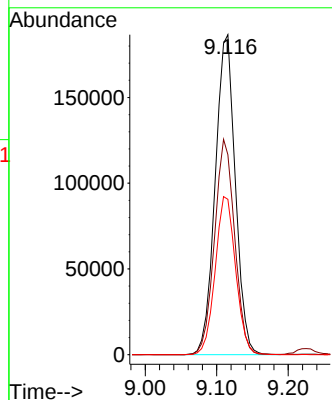
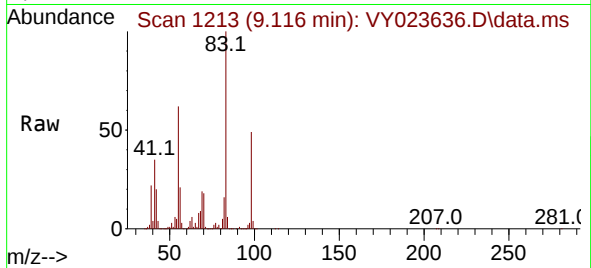
#39
Methylcyclohexane
Concen: 51.714 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 36427
Ion Ratio Lower Upper
83 100
55 62.5 51.4 77.2
98 48.5 40.4 60.6

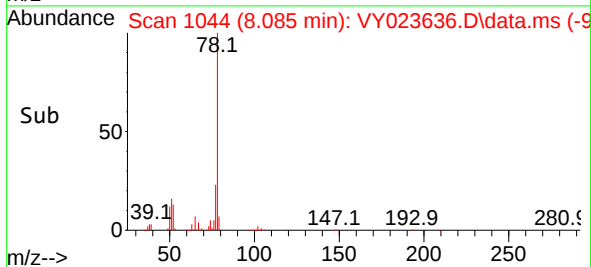
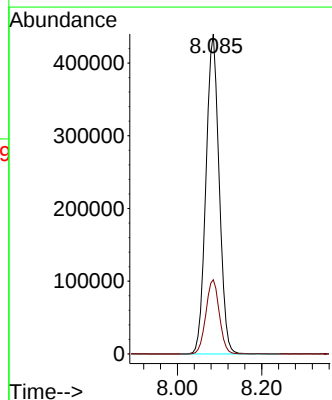
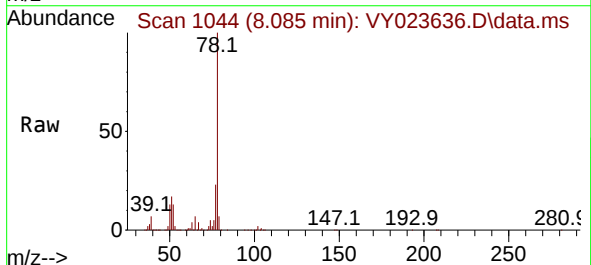
Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#40
Benzene
Concen: 55.919 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Tgt Ion: 78 Resp: 958091
Ion Ratio Lower Upper
78 100
77 23.2 18.3 27.5





#41
Methacrylonitrile
Concen: 50.546 ug/l m
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

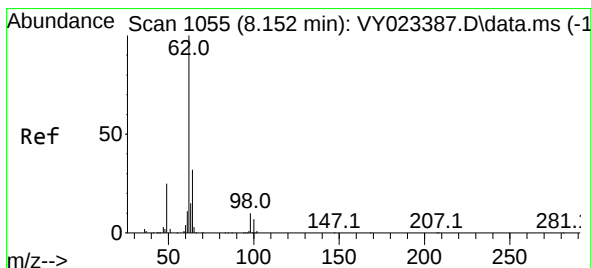
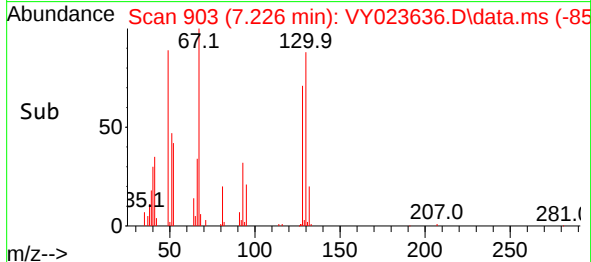
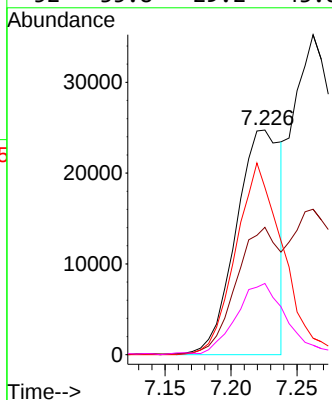
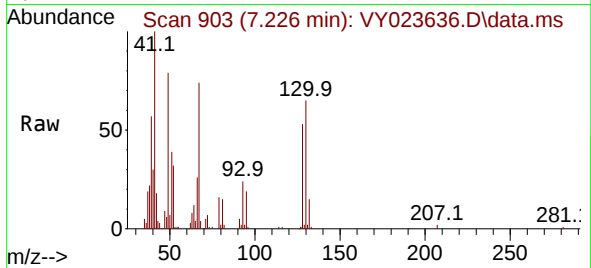
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 5859

Ion	Ratio	Lower	Upper
41	100		
39	54.3	52.2	78.4
67	90.4	74.9	112.3
52	35.8	29.2	43.8

Manual Integrations
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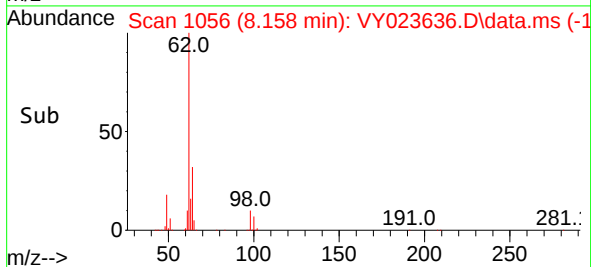
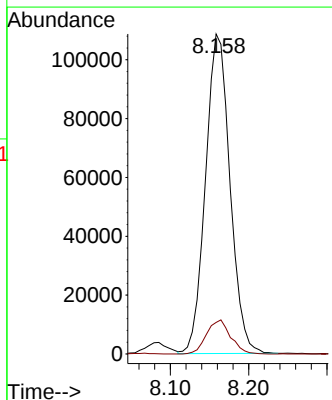
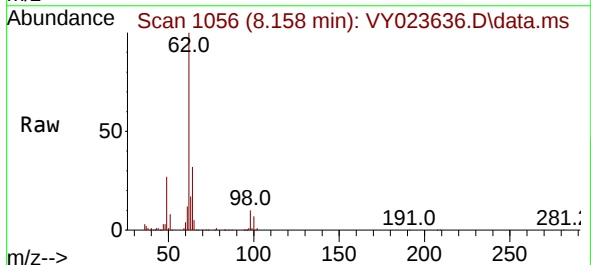
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

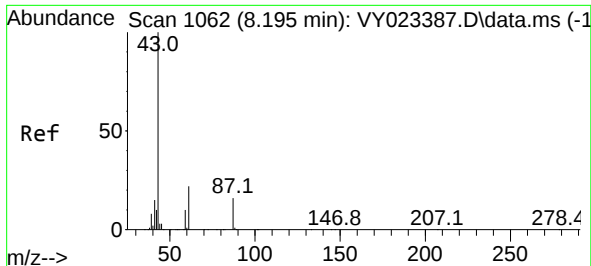


#42
1,2-Dichloroethane
Concen: 53.442 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Tgt Ion: 62 Resp: 236144

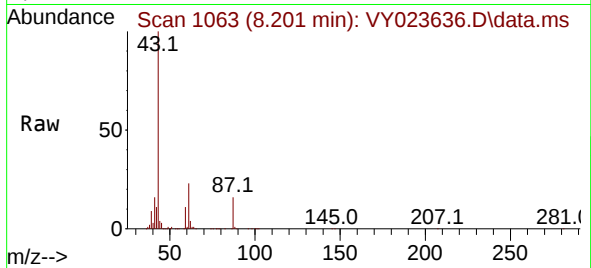
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	21.6





#43
Isopropyl Acetate
Concen: 47.742 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

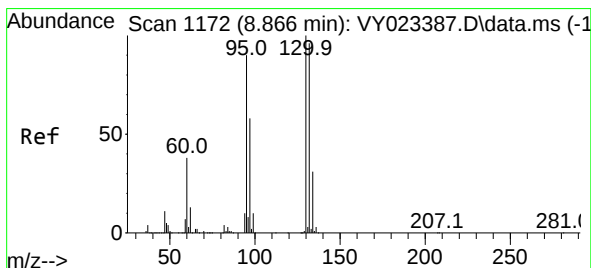
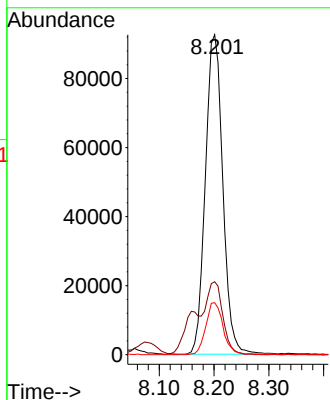
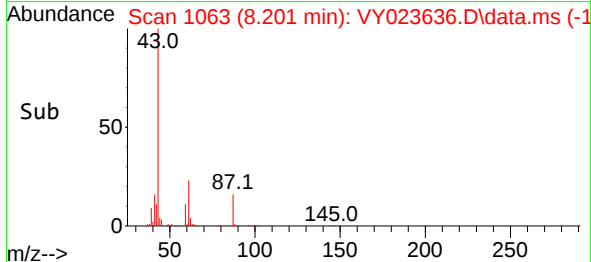
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



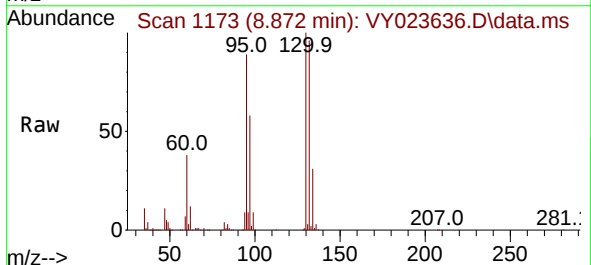
Tgt Ion: 43 Resp: 20404
Ion Ratio Lower Upper
43 100
61 22.0 18.1 27.1
87 16.2 13.5 20.3

Manual Integrations
APPROVED

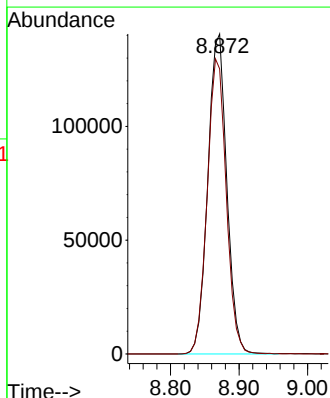
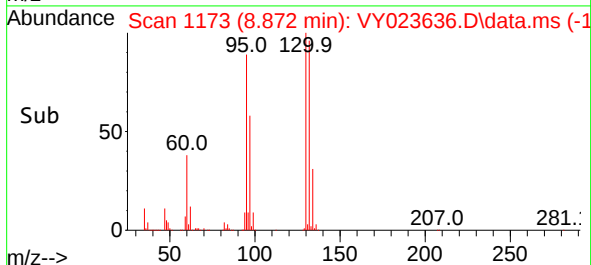
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

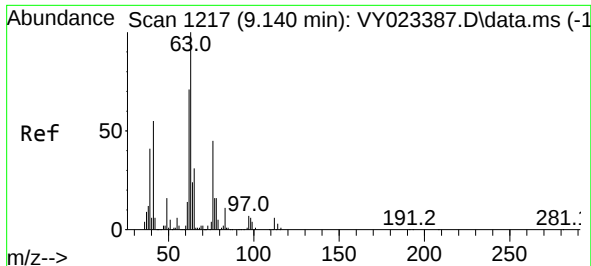


#44
Trichloroethene
Concen: 54.004 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50



Tgt Ion:130 Resp: 270820
Ion Ratio Lower Upper
130 100
95 89.1 0.0 180.6





#45

1,2-Dichloropropane

Concen: 57.482 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 21753

Ion Ratio Lower Upper

63 100

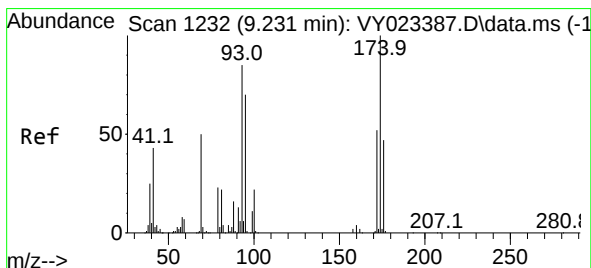
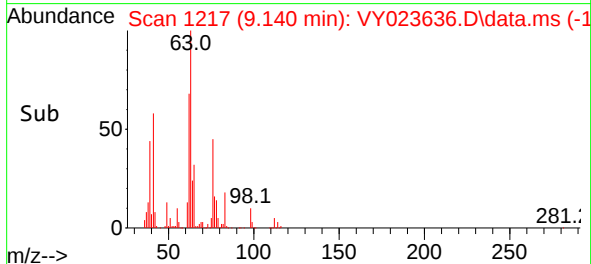
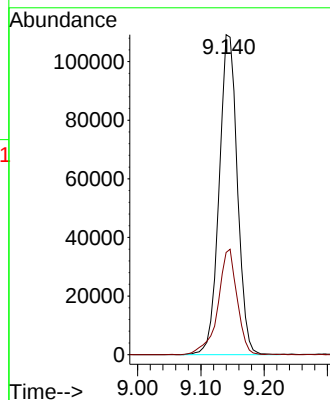
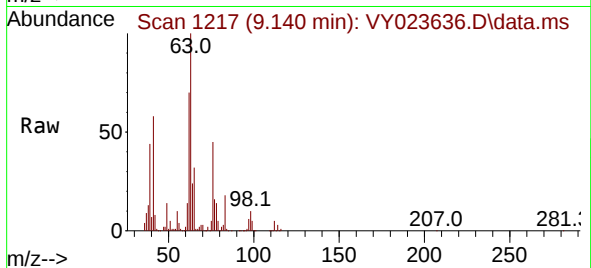
65 31.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#46

Dibromomethane

Concen: 53.538 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

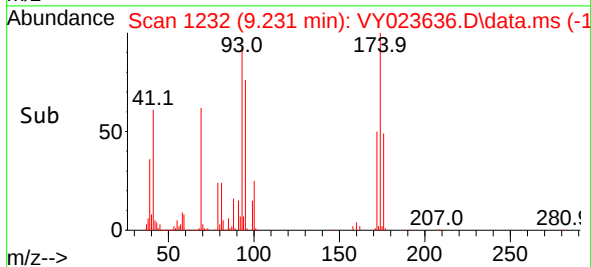
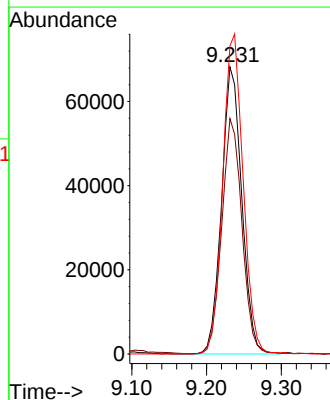
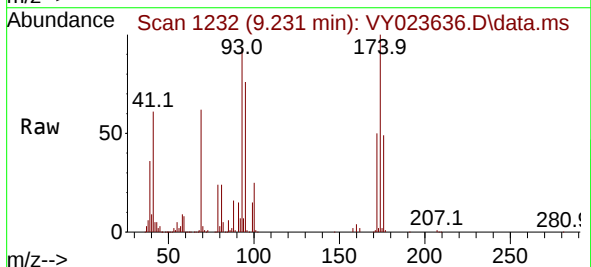
Tgt Ion: 93 Resp: 128116

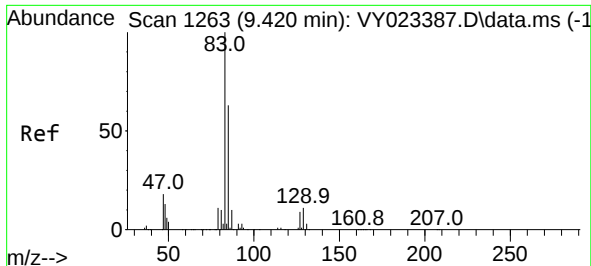
Ion Ratio Lower Upper

93 100

95 82.5 65.4 98.0

174 112.6 92.9 139.3





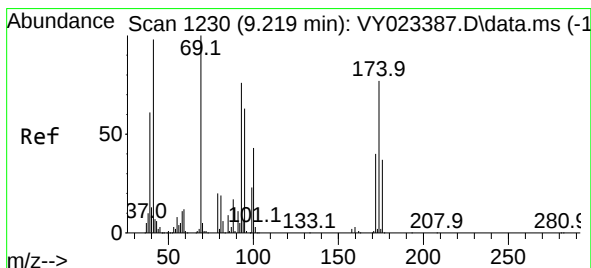
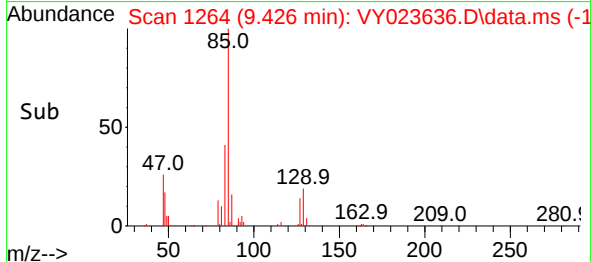
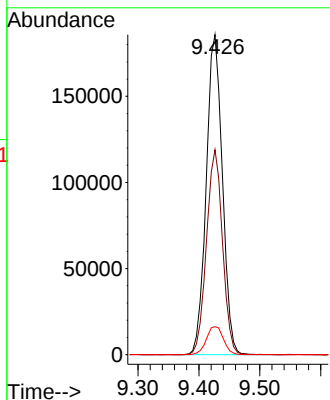
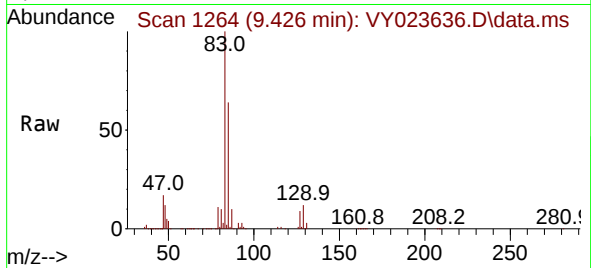
#47
Bromodichloromethane
Concen: 56.743 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 34197
Ion Ratio Lower Upper
83 100
85 64.1 50.8 76.2
127 8.8 7.4 11.2

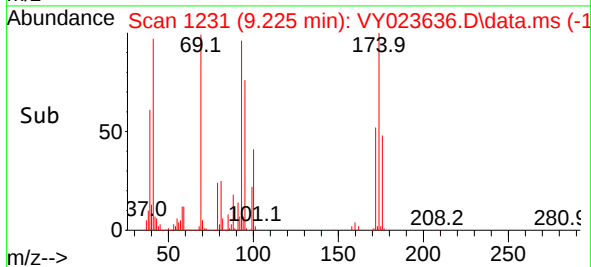
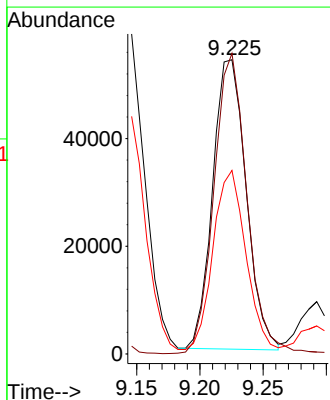
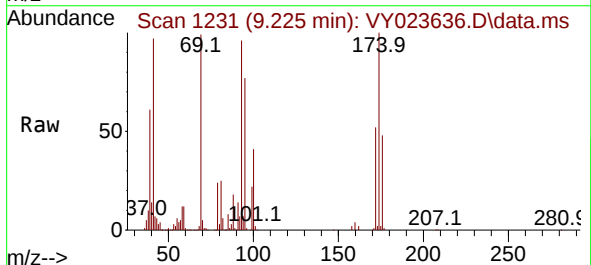
Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#48
Methyl methacrylate
Concen: 49.252 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

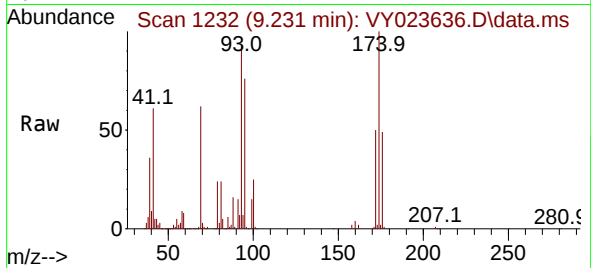
Tgt Ion: 41 Resp: 98890
Ion Ratio Lower Upper
41 100
69 102.8 81.0 121.4
39 63.4 48.2 72.4





#49
1,4-Dioxane
Concen: 928.969 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

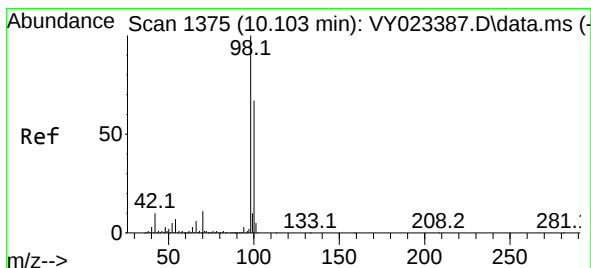
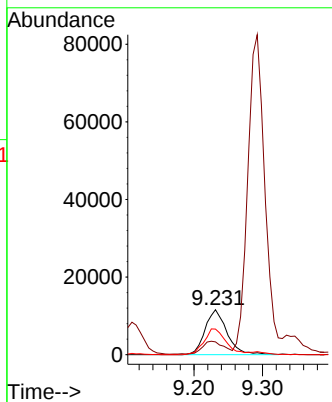
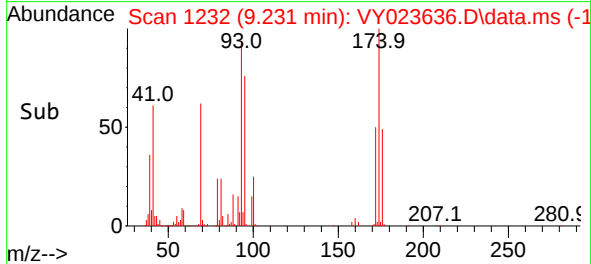
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



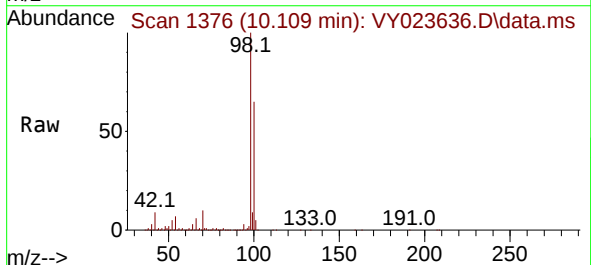
Tgt Ion: 88 Resp: 25774
Ion Ratio Lower Upper
88 100
43 28.1 21.8 32.8
58 57.6 46.8 70.2

Manual Integrations
APPROVED

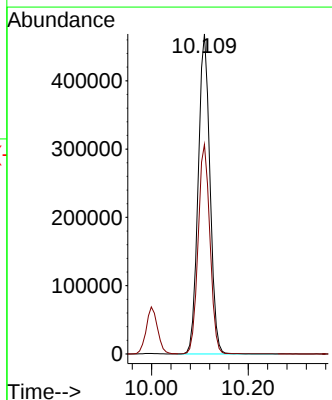
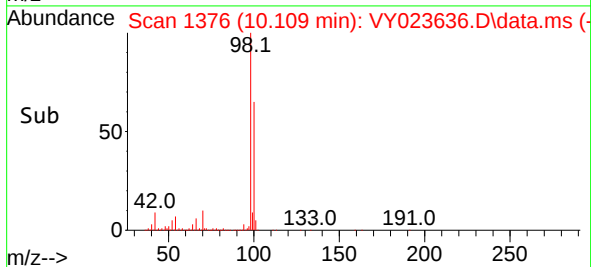
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

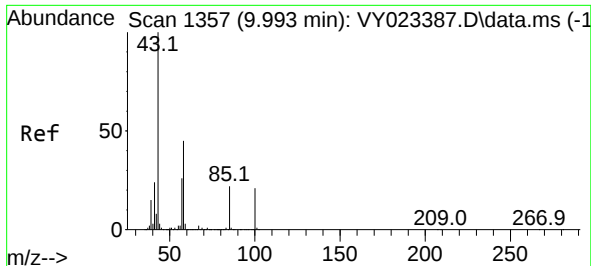


#50
Toluene-d8
Concen: 51.905 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50



Tgt Ion: 98 Resp: 789930
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 250.121 ug/l

RT: 10.000 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 552309

Ion Ratio Lower Upper

43 100

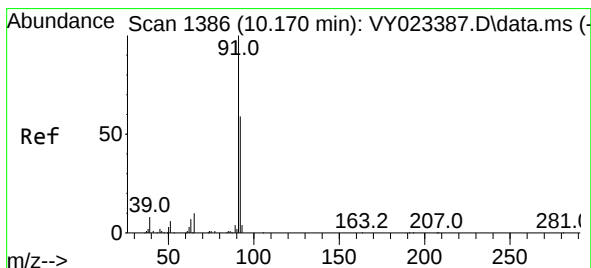
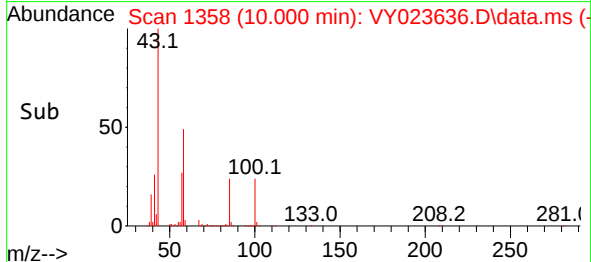
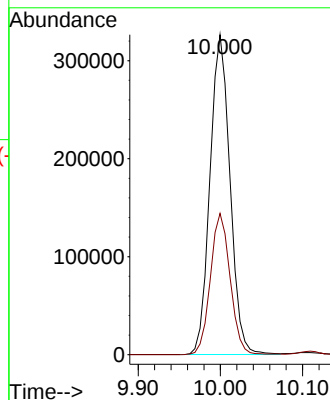
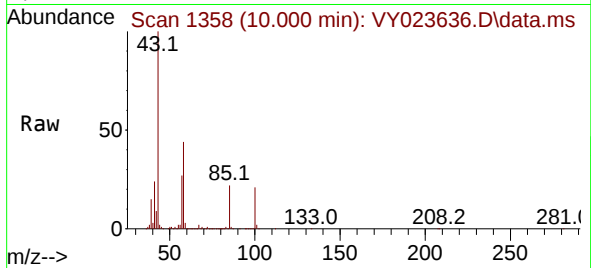
58 43.7 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#52

Toluene

Concen: 56.731 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY023636.D

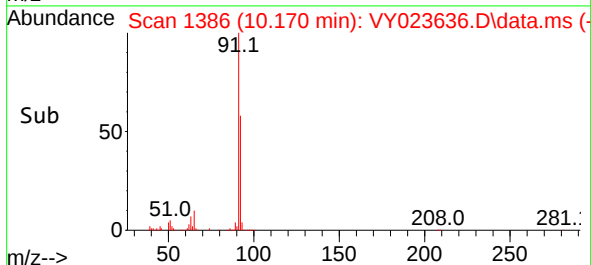
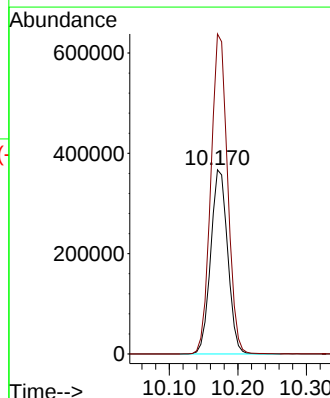
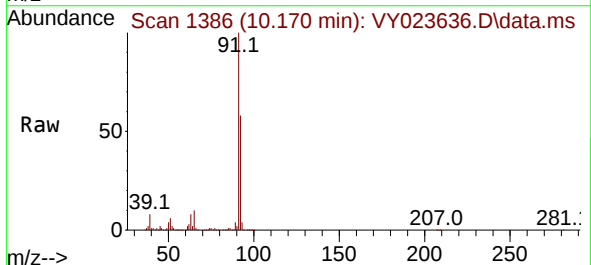
Acq: 31 Oct 2025 08:50

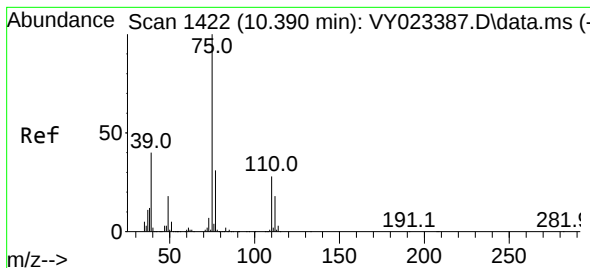
Tgt Ion: 92 Resp: 631102

Ion Ratio Lower Upper

92 100

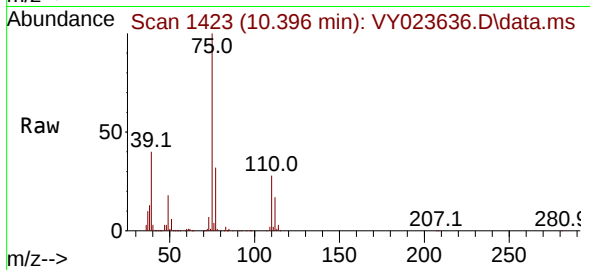
91 171.8 136.4 204.6





#53
t-1,3-Dichloropropene
Concen: 54.271 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

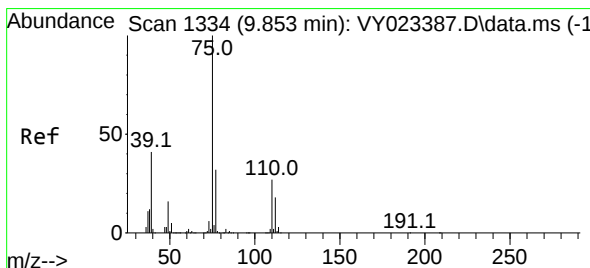
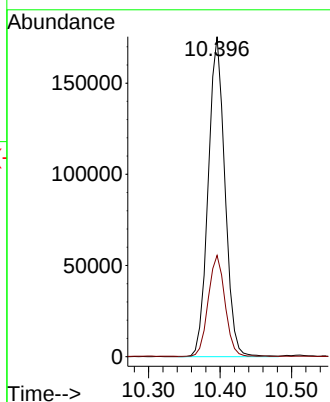
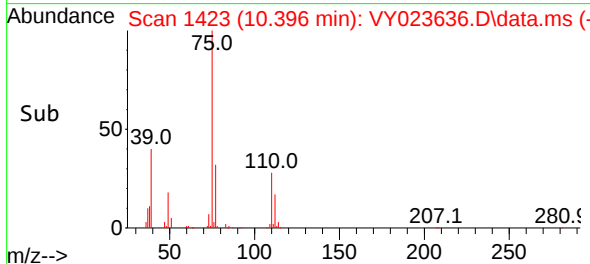
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 28440
Ion Ratio Lower Upper
75 100
77 31.6 25.1 37.7

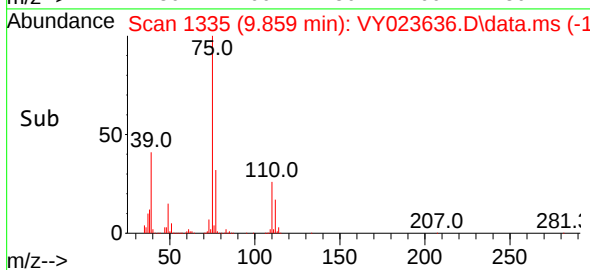
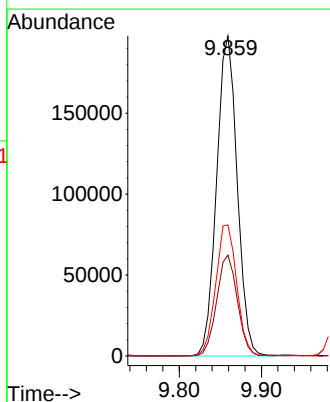
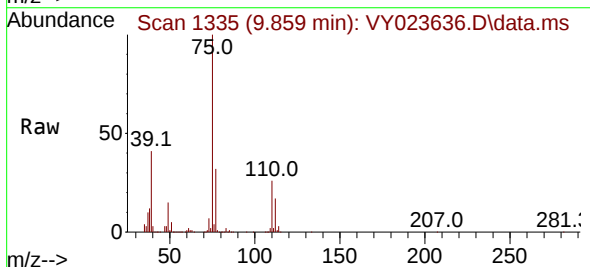
Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#54
cis-1,3-Dichloropropene
Concen: 55.551 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

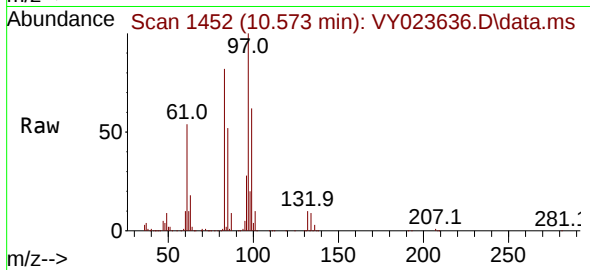
Tgt Ion: 75 Resp: 343580
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
39 40.9 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 54.438 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

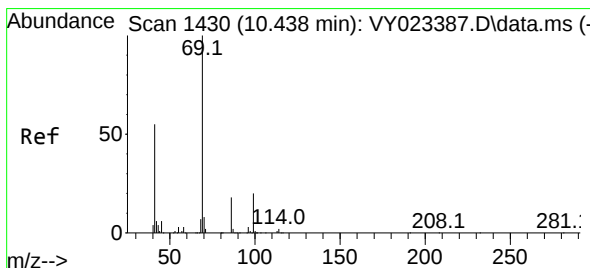
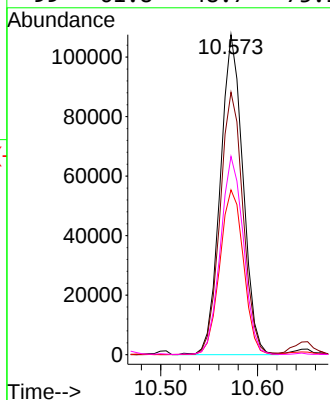
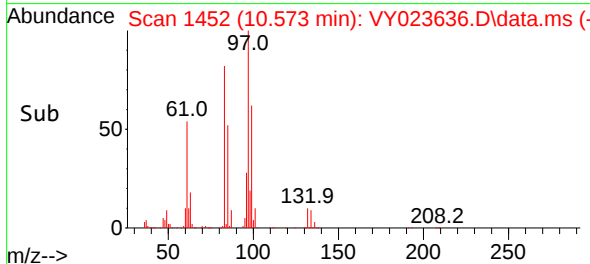
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



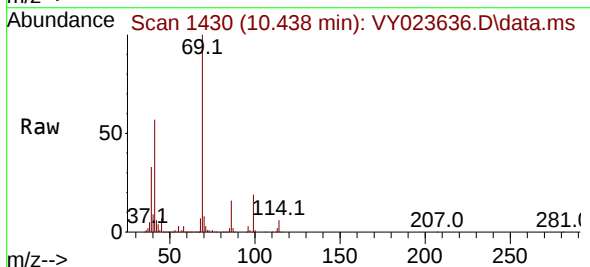
Tgt Ion: 97 Resp: 175179
Ion Ratio Lower Upper
97 100
83 82.0 61.8 92.6
85 51.4 41.3 61.9
99 61.8 48.7 73.1

Manual Integrations
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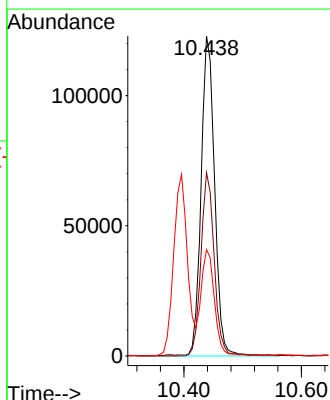
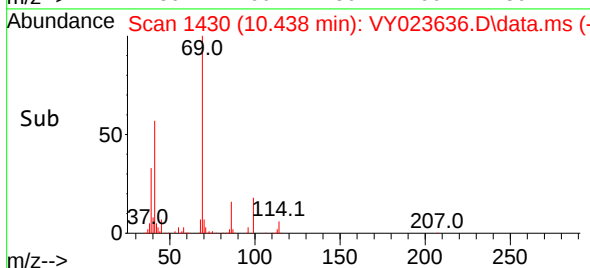
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

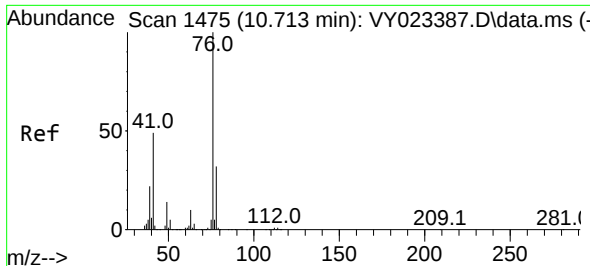


#56
Ethyl methacrylate
Concen: 52.801 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50



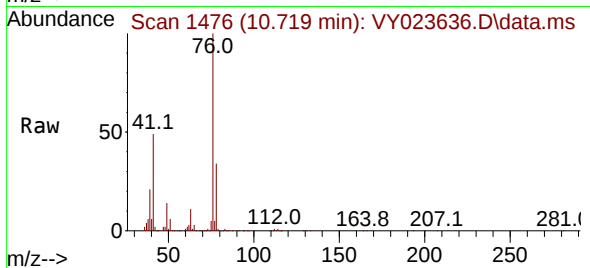
Tgt Ion: 69 Resp: 195993
Ion Ratio Lower Upper
69 100
41 55.5 44.6 67.0
39 32.2 27.0 40.4





#57
1,3-Dichloropropane
Concen: 54.539 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

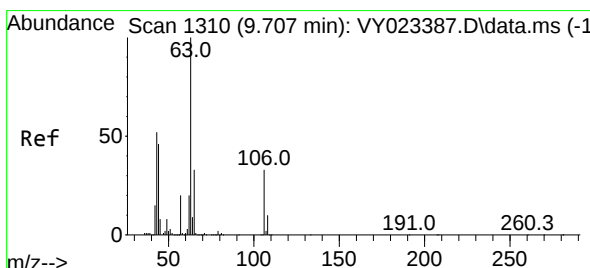
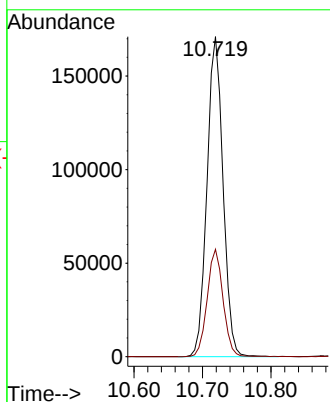
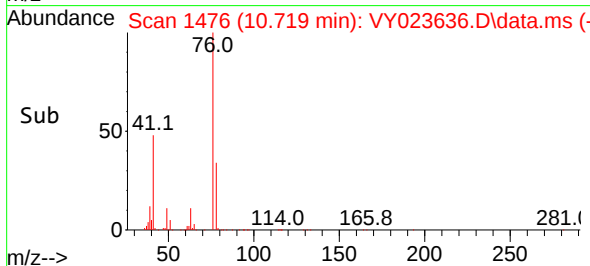
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 27810
Ion Ratio Lower Upper
76 100
78 33.2 25.9 38.9

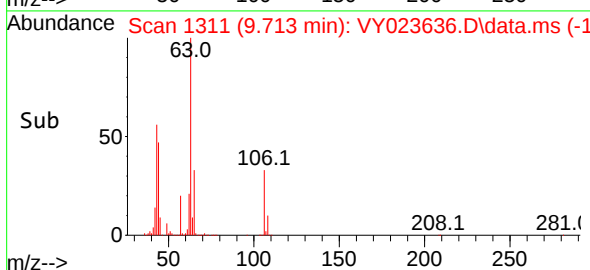
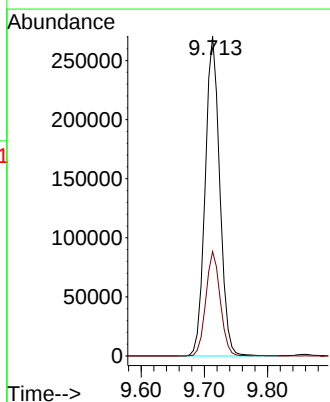
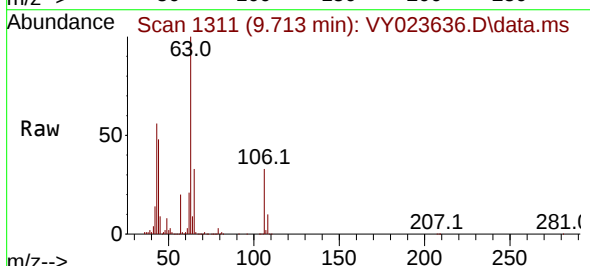
Manual Integrations
APPROVED

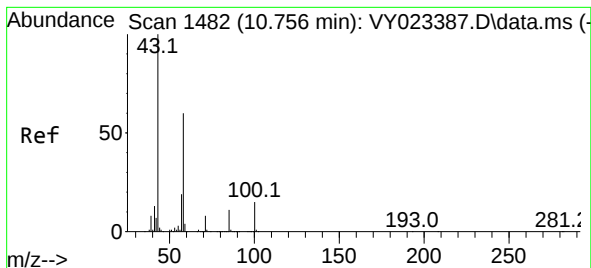
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#58
2-Chloroethyl Vinyl ether
Concen: 261.121 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

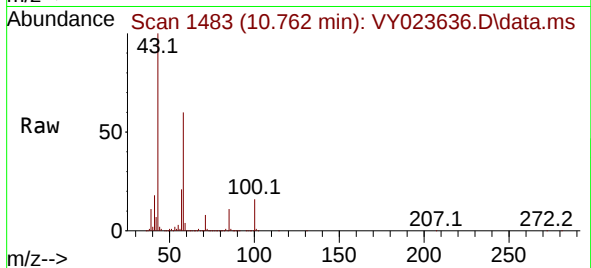
Tgt Ion: 63 Resp: 434206
Ion Ratio Lower Upper
63 100
106 32.3 26.6 39.8





#59
2-Hexanone
Concen: 248.819 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

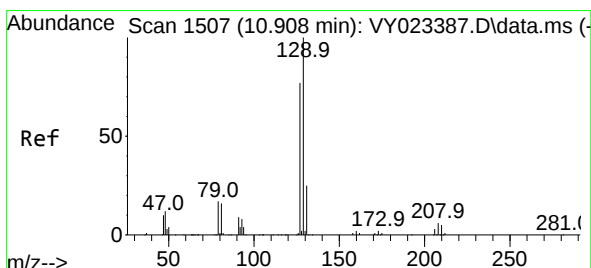
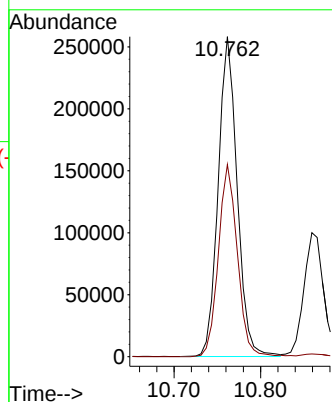
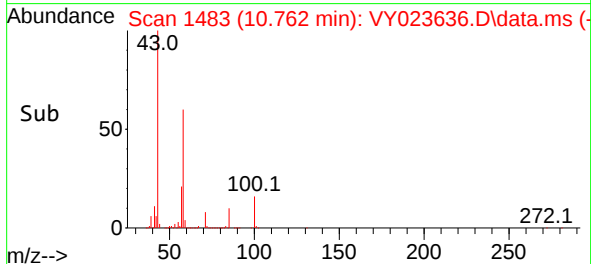
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 392649
Ion Ratio Lower Upper
43 100
58 60.2 30.5 91.5

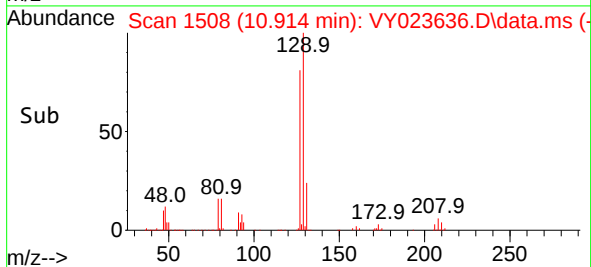
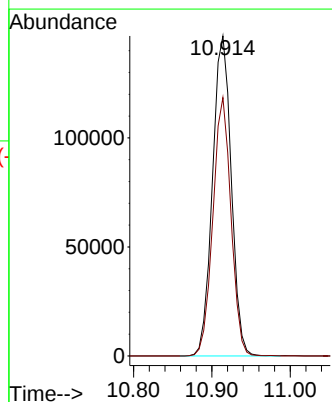
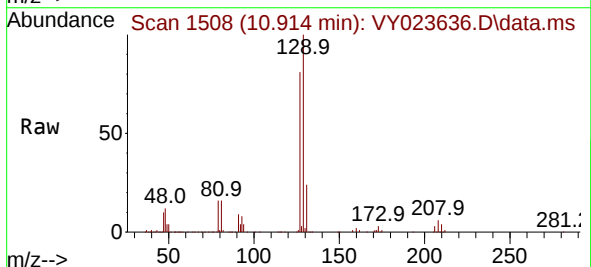
Manual Integrations
APPROVED

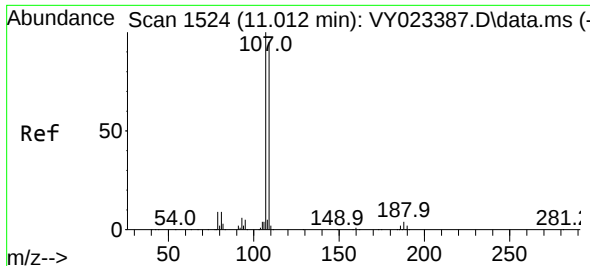
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#60
Dibromochloromethane
Concen: 54.138 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

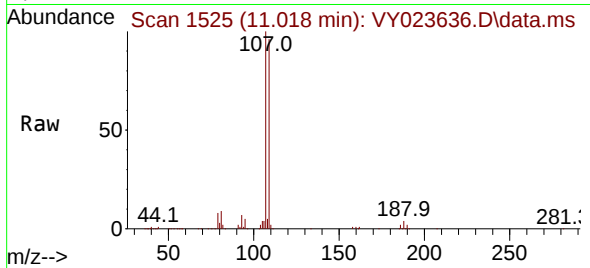
Tgt Ion:129 Resp: 244248
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.7





#61
1,2-Dibromoethane
Concen: 52.467 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

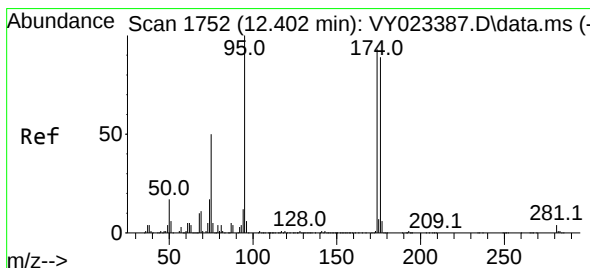
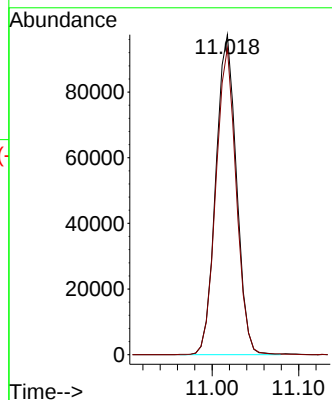
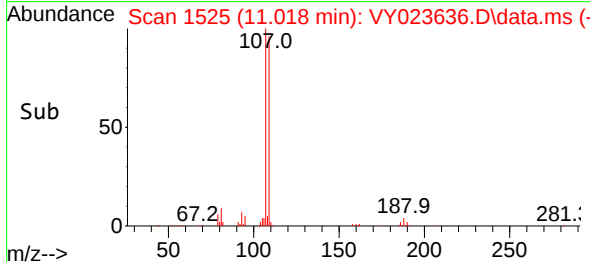
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



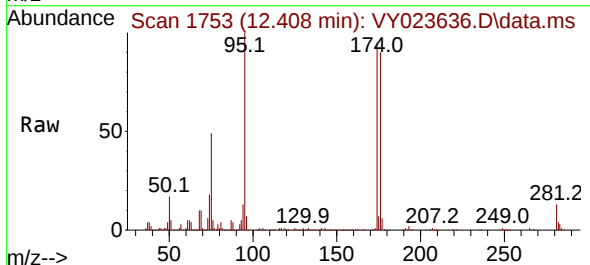
Tgt Ion:107 Resp: 161019
Ion Ratio Lower Upper
107 100
109 94.5 76.1 114.1

Manual Integrations
APPROVED

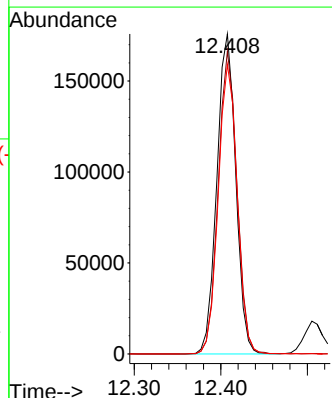
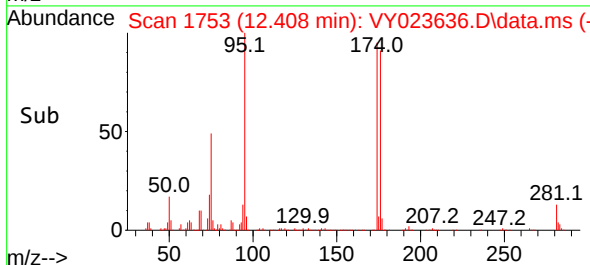
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

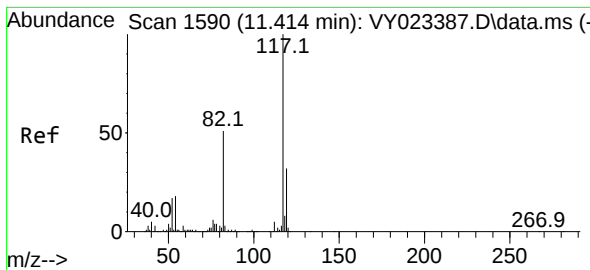


#62
4-Bromofluorobenzene
Concen: 53.122 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50



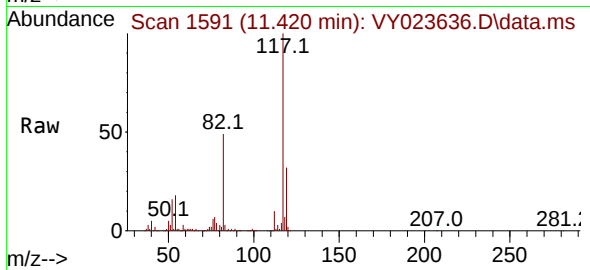
Tgt Ion: 95 Resp: 266906
Ion Ratio Lower Upper
95 100
174 94.0 0.0 192.8
176 90.8 0.0 187.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1159
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

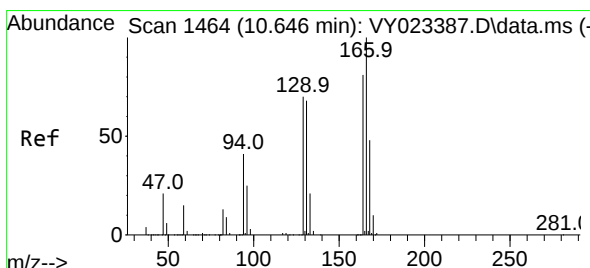
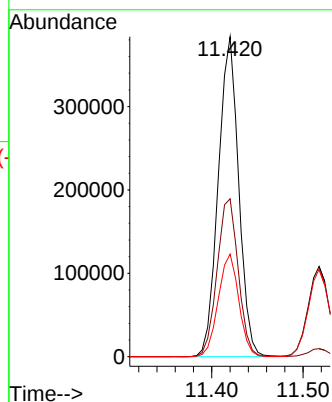
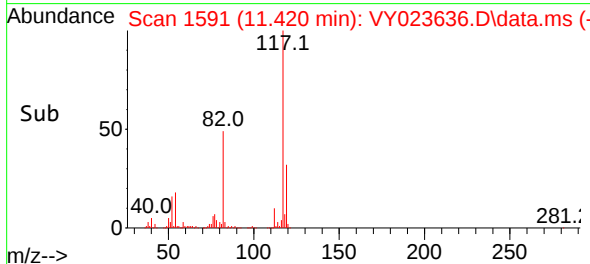
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



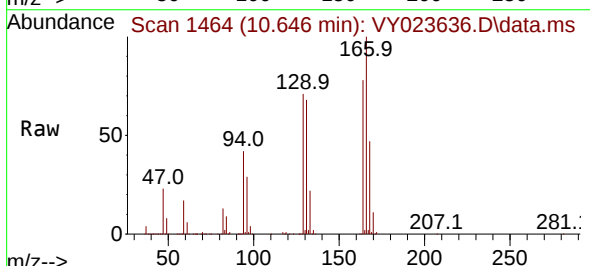
Tgt Ion:117 Resp: 595630
Ion Ratio Lower Upper
117 100
82 49.3 41.0 61.4
119 32.0 25.6 38.4

Manual Integrations
APPROVED

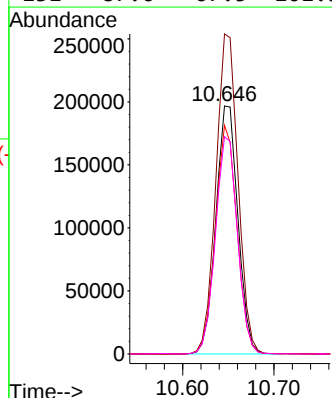
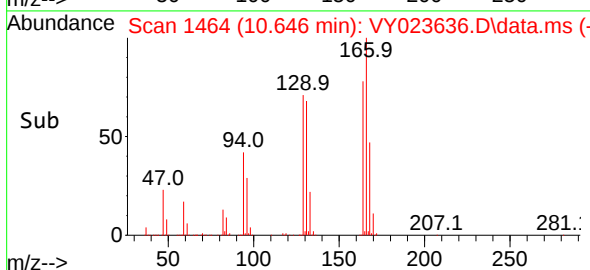
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

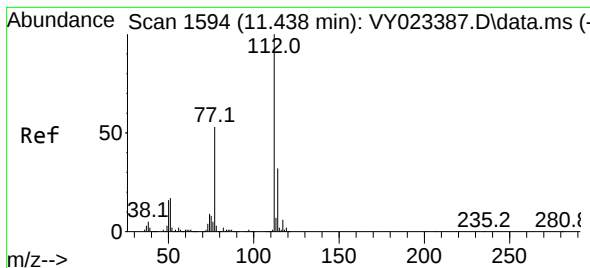


#64
Tetrachloroethene
Concen: 53.734 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50



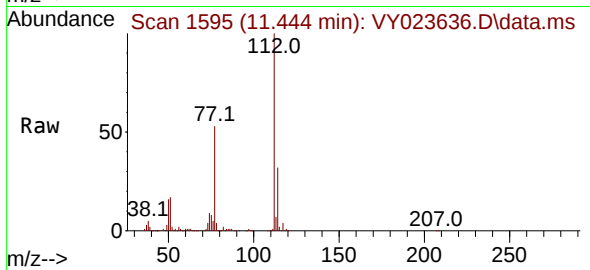
Tgt Ion:164 Resp: 330471
Ion Ratio Lower Upper
164 100
166 129.0 99.4 149.0
129 92.2 69.4 104.2
131 87.6 67.5 101.3





#65
Chlorobenzene
Concen: 54.843 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

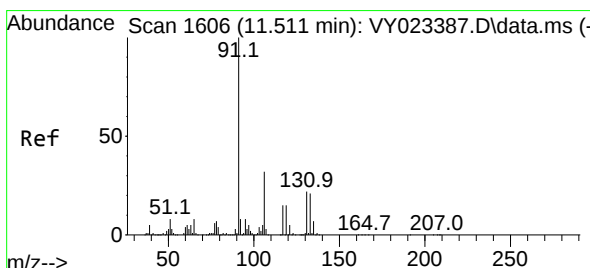
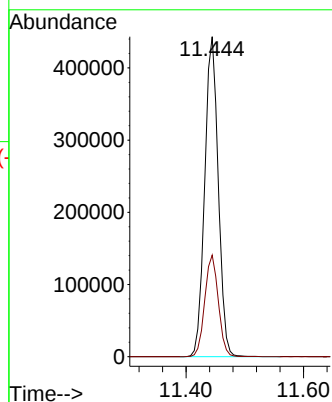
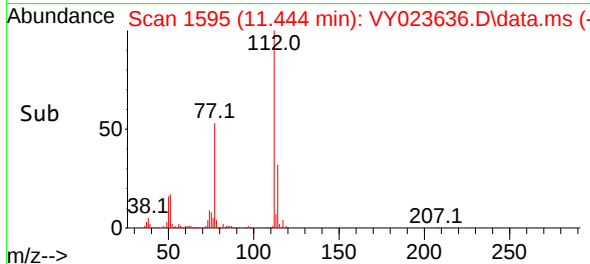
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



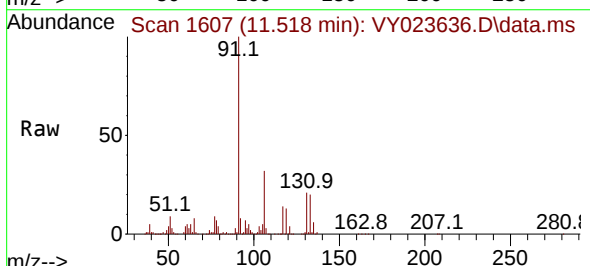
Tgt Ion:112 Resp: 710474
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4

Manual Integrations
APPROVED

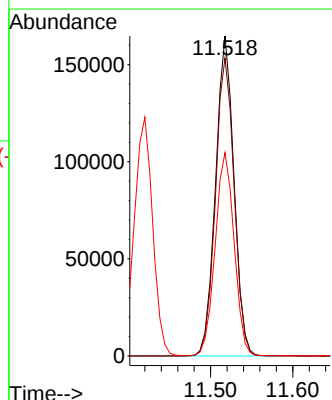
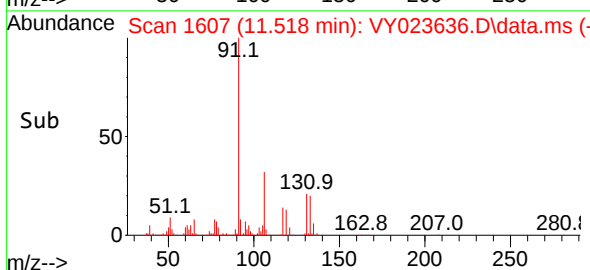
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 55.455 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50



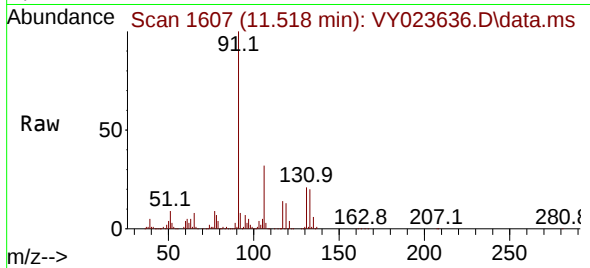
Tgt Ion:131 Resp: 256006
Ion Ratio Lower Upper
131 100
133 94.6 48.4 145.2
119 65.5 32.4 97.2





#67
Ethyl Benzene
Concen: 57.300 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

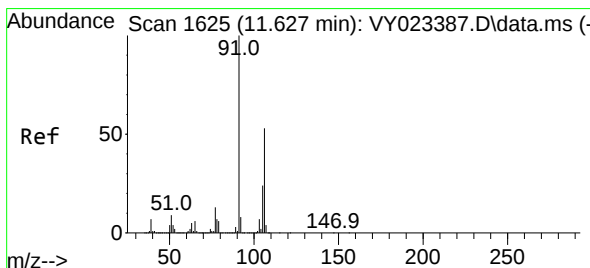
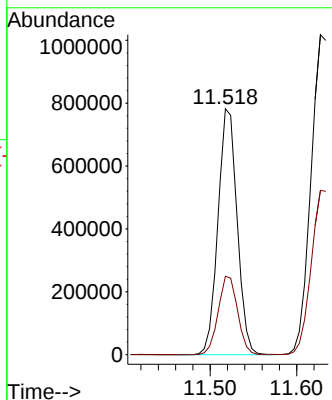
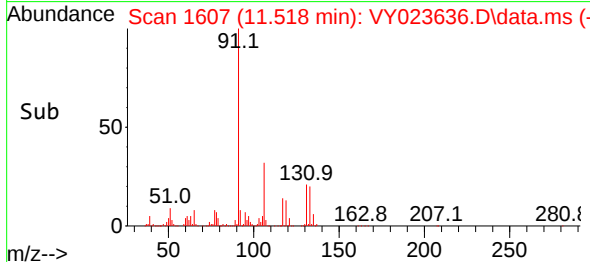
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



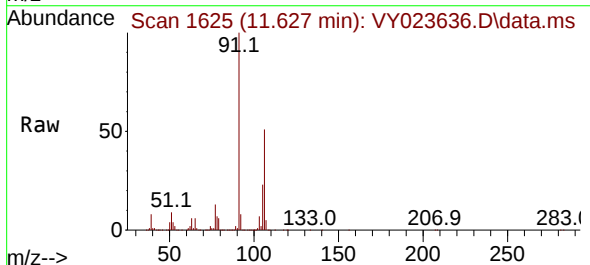
Tgt Ion: 91 Resp: 1201554
Ion Ratio Lower Upper
91 100
106 31.9 25.8 38.8

Manual Integrations
APPROVED

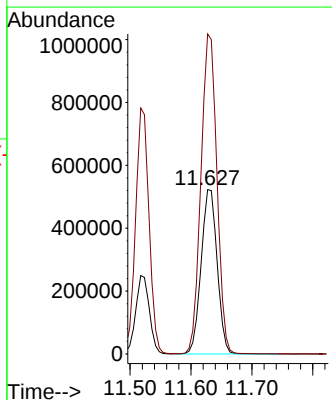
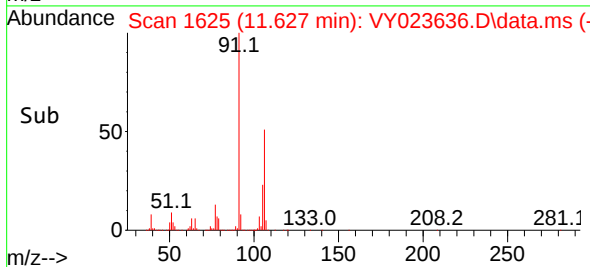
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

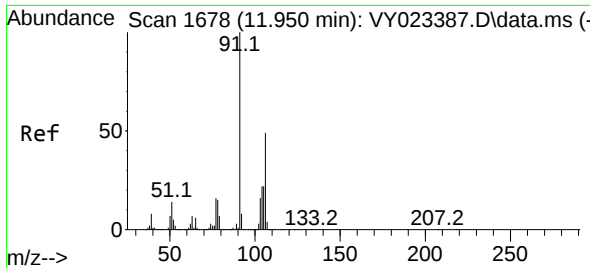


#68
m/p-Xylenes
Concen: 113.484 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50



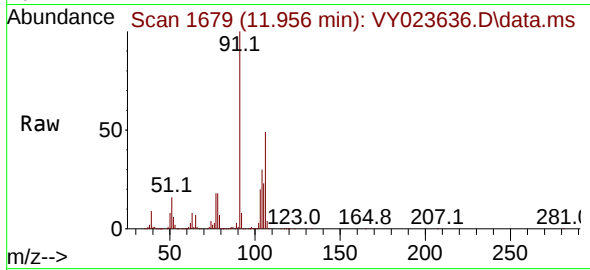
Tgt Ion:106 Resp: 954497
Ion Ratio Lower Upper
106 100
91 193.9 152.6 229.0





#69
o-Xylene
Concen: 56.100 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

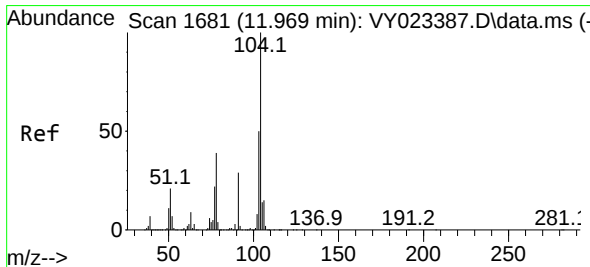
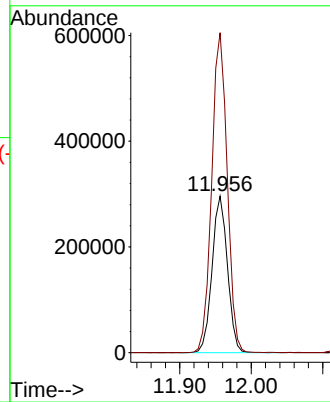
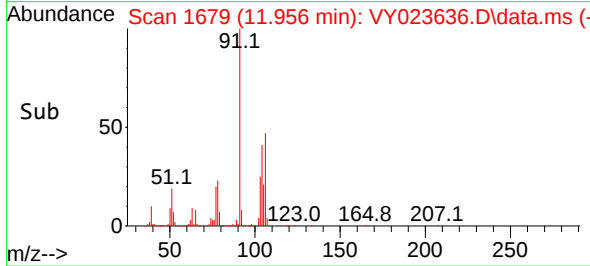
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 442584
Ion Ratio Lower Upper
106 100
91 205.7 101.4 304.1

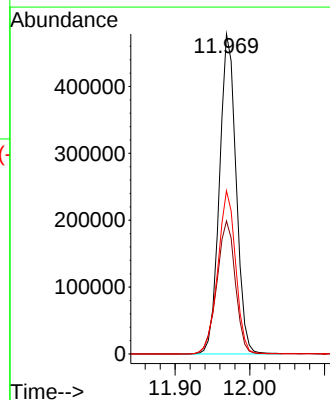
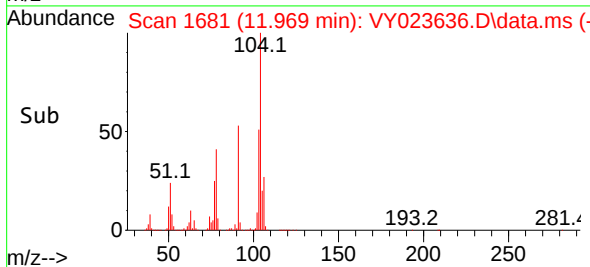
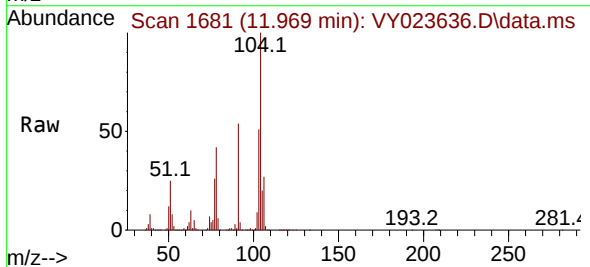
Manual Integrations
APPROVED

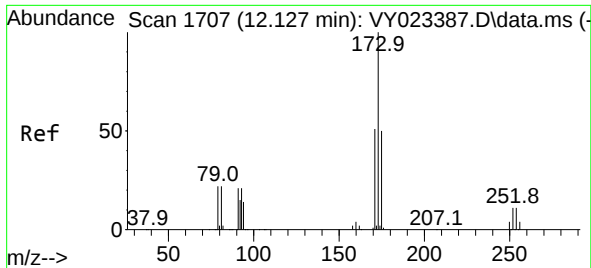
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#70
Styrene
Concen: 57.272 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

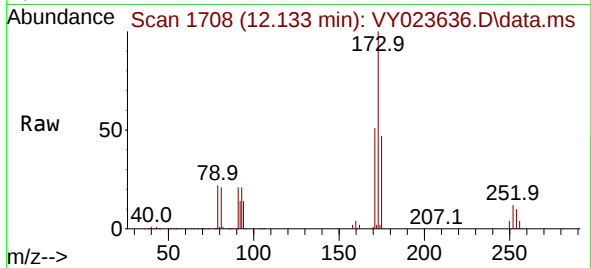
Tgt Ion:104 Resp: 743016
Ion Ratio Lower Upper
104 100
78 46.0 36.1 54.1
103 54.6 43.2 64.8





#71
Bromoform
Concen: 50.547 ug/l
RT: 12.133 min Scan# 1707
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

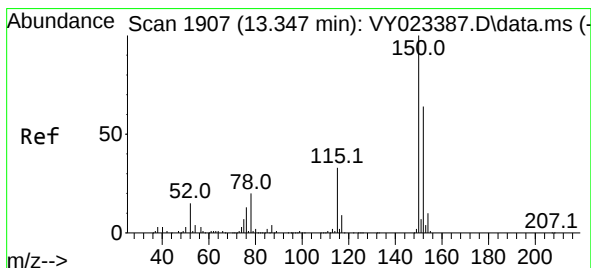
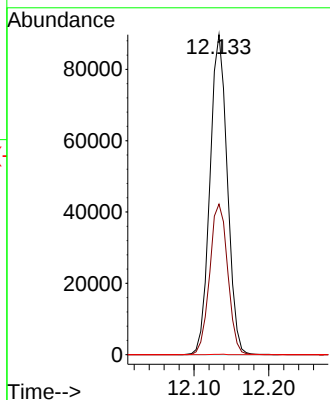
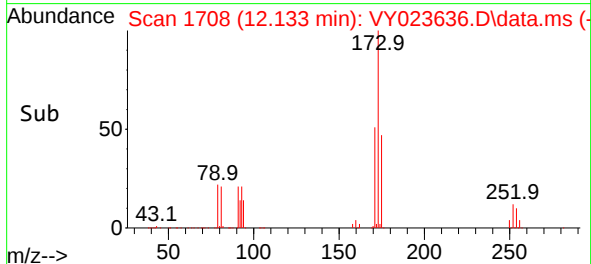
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



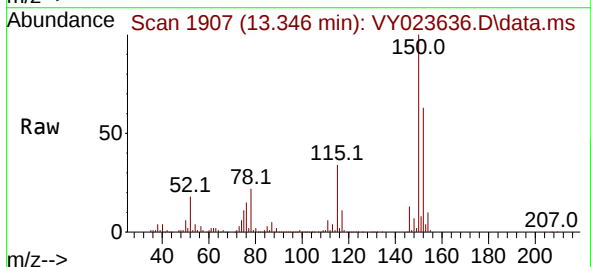
Tgt Ion:173 Resp: 14474
Ion Ratio Lower Upper
173 100
175 48.9 24.8 74.3
254 0.1 0.1 0.1

Manual Integrations
APPROVED

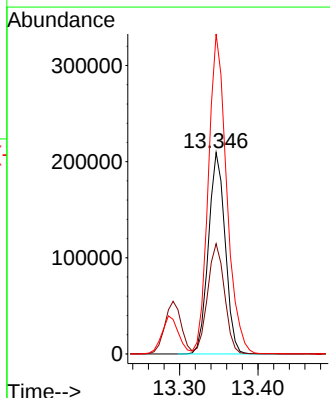
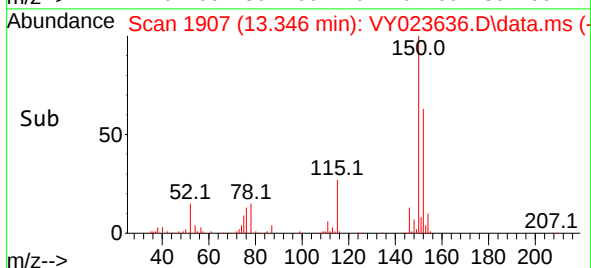
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

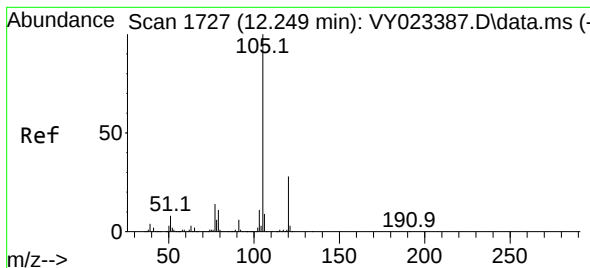


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50



Tgt Ion:152 Resp: 310256
Ion Ratio Lower Upper
152 100
115 55.3 27.1 81.2
150 174.3 0.0 347.4





#73

Isopropylbenzene

Concen: 57.452 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 1174672

Ion Ratio Lower Upper

105 100

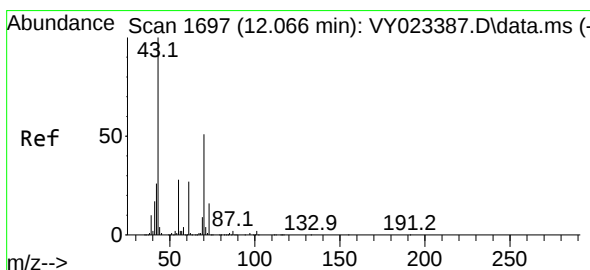
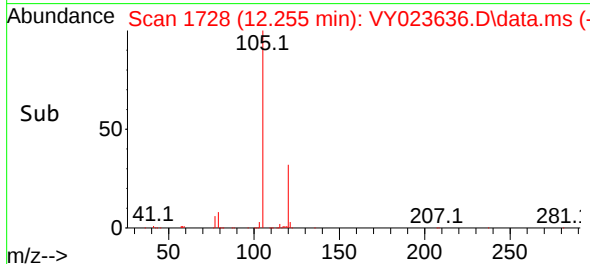
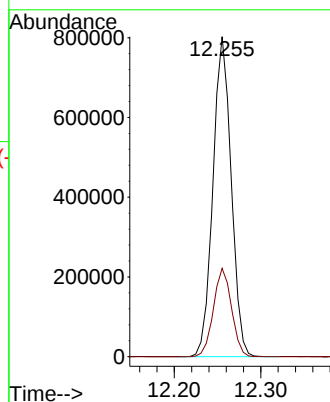
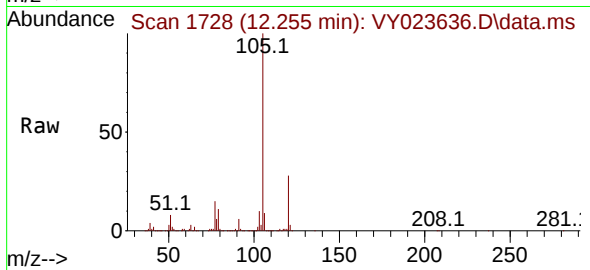
120 27.4 13.9 41.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#74

N-amy1 acetate

Concen: 46.168 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Tgt Ion: 43 Resp: 169550

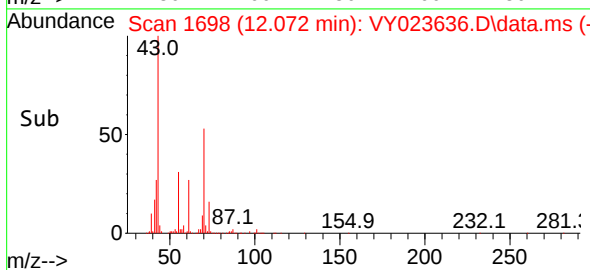
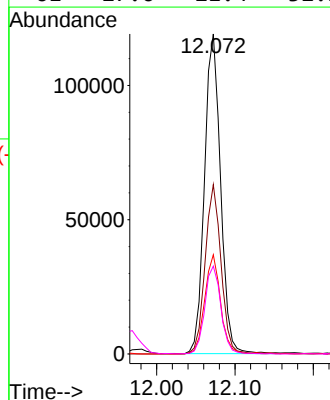
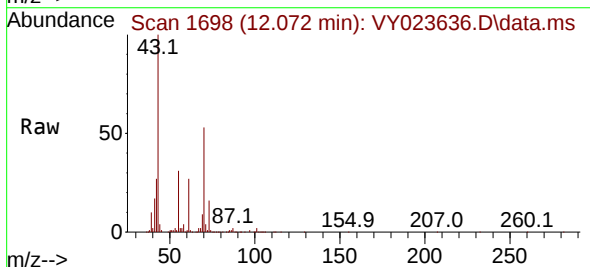
Ion Ratio Lower Upper

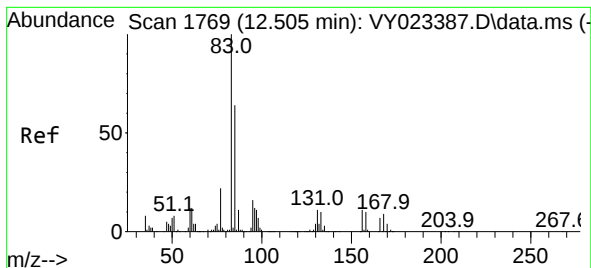
43 100

70 52.4 41.1 61.7

55 30.5 23.0 34.6

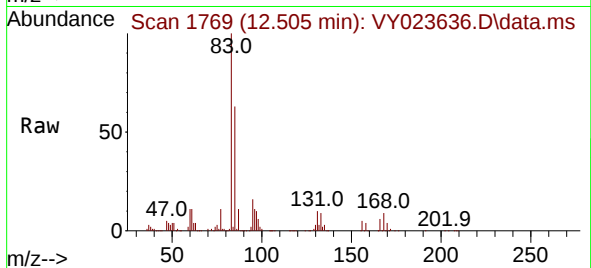
61 27.6 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.715 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

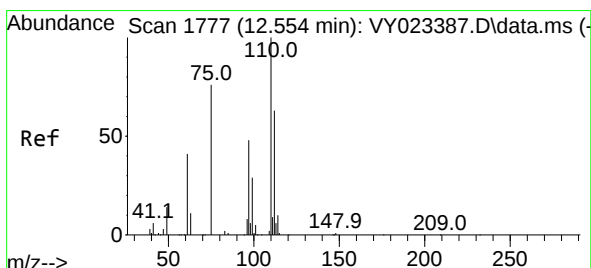
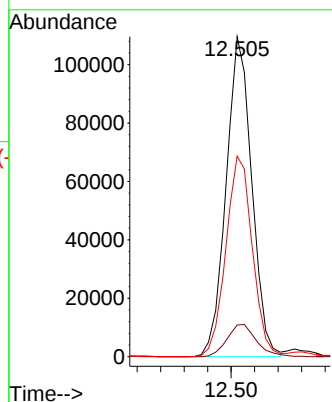
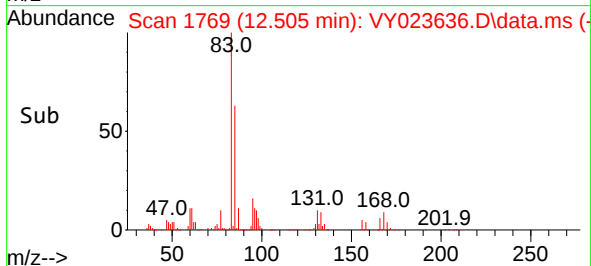
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



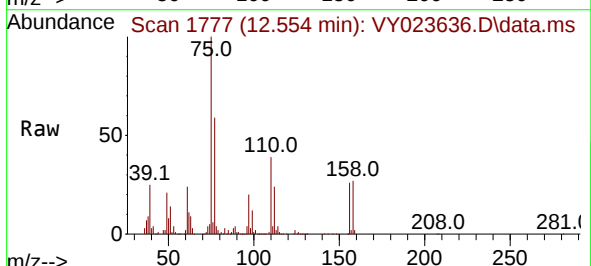
Tgt Ion: 83 Resp: 16625
Ion Ratio Lower Upper
83 100
131 11.6 5.9 17.6
85 64.8 31.8 95.3

Manual Integrations
APPROVED

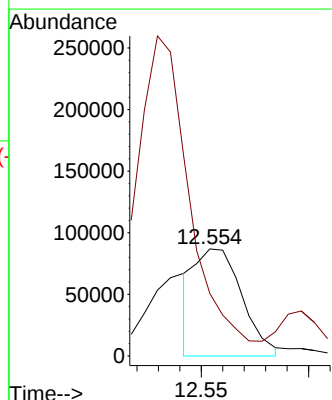
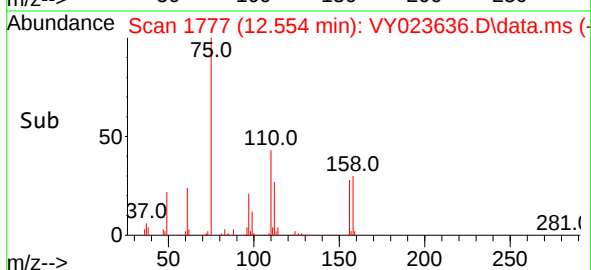
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

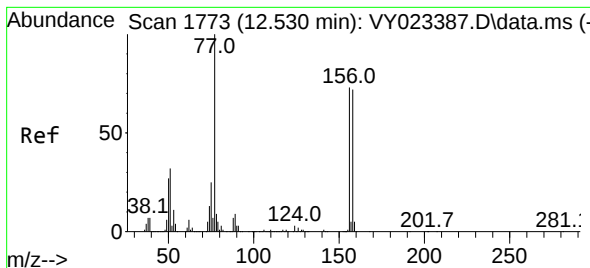


#76
1,2,3-Trichloropropane
Concen: 48.789 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50



Tgt Ion: 75 Resp: 133549
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.455 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

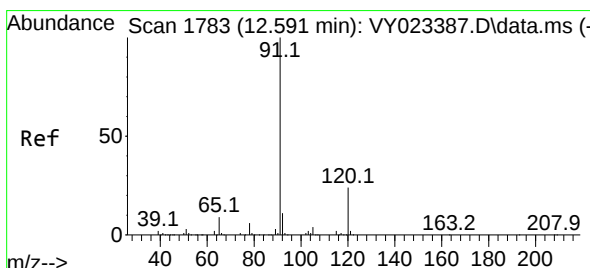
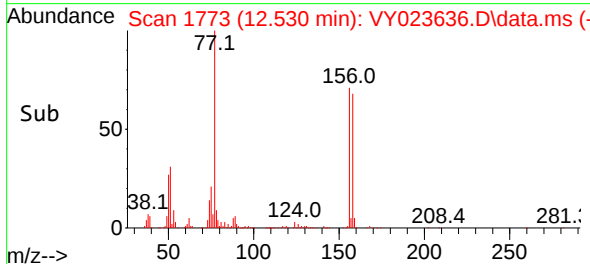
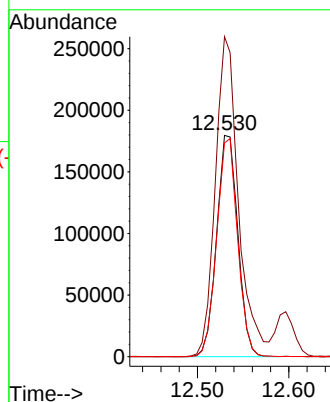
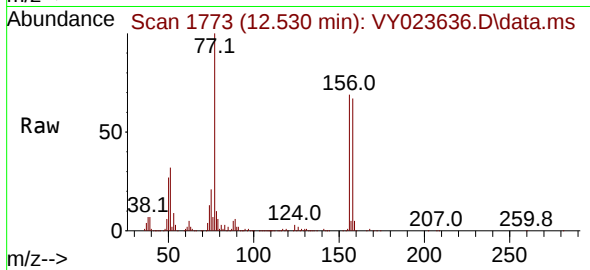
Tgt Ion:	156	Resp:	290562
Ion Ratio	Lower	Upper	
156	100		
77	157.5	76.8	230.5
158	97.0	49.0	147.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#78

n-propylbenzene

Concen: 58.648 ug/l

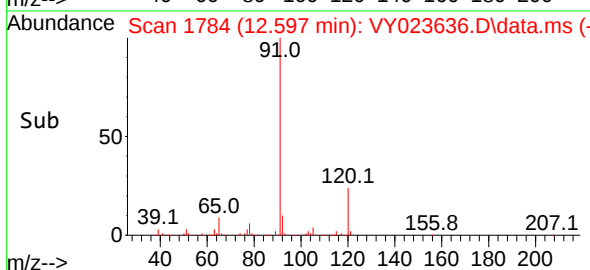
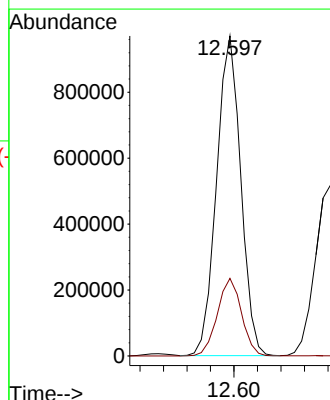
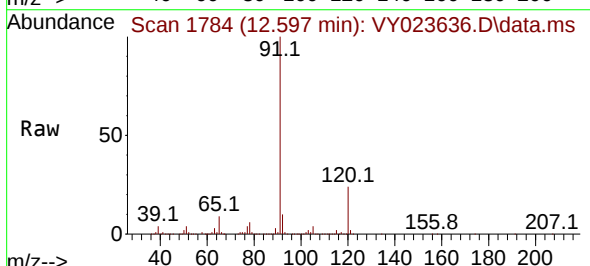
RT: 12.597 min Scan# 1784

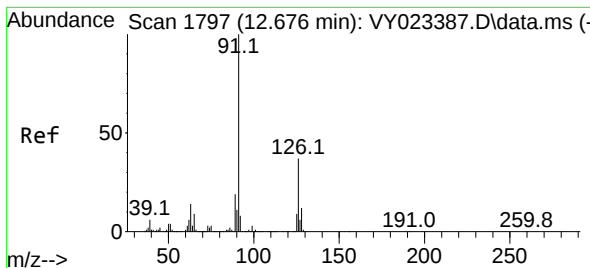
Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Tgt Ion:	91	Resp:	1387644
Ion Ratio	Lower	Upper	
91	100		
120	24.2	12.3	36.8





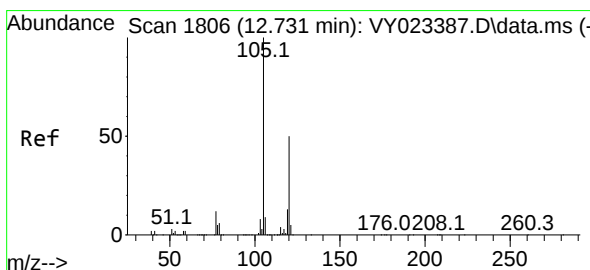
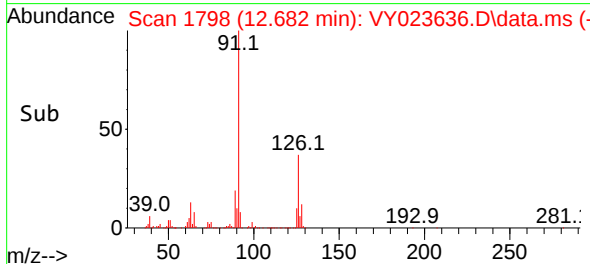
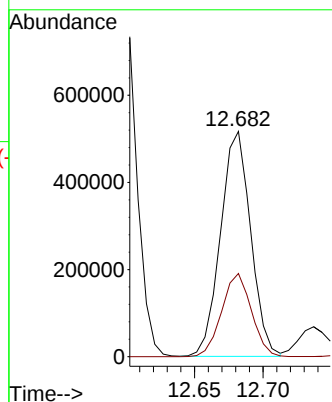
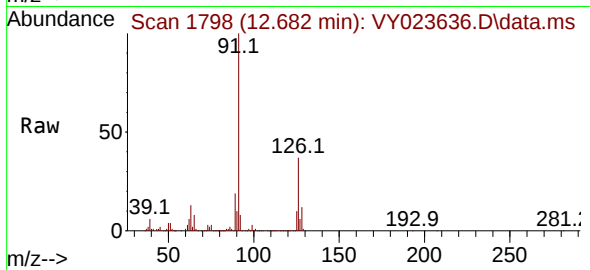
#79
2-Chlorotoluene
Concen: 57.020 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 790048
Ion Ratio Lower Upper
91 100
126 36.4 18.5 55.5

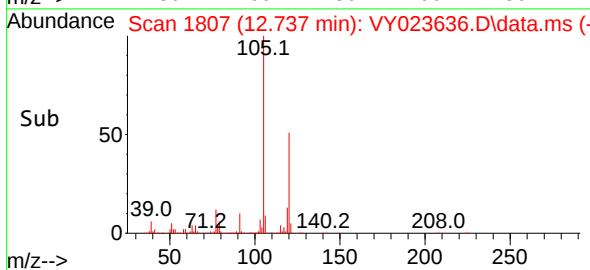
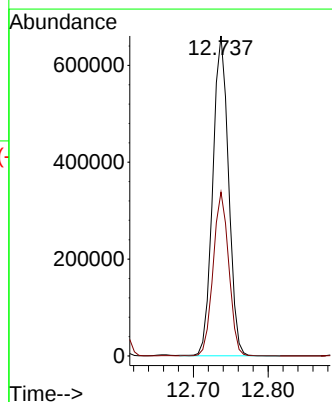
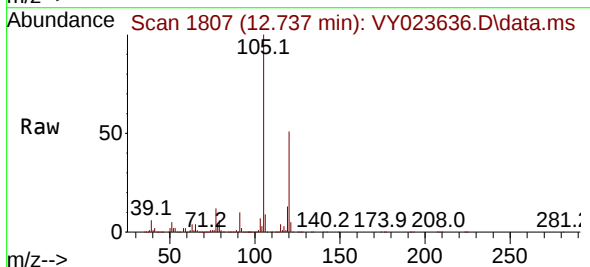
Manual Integrations
APPROVED

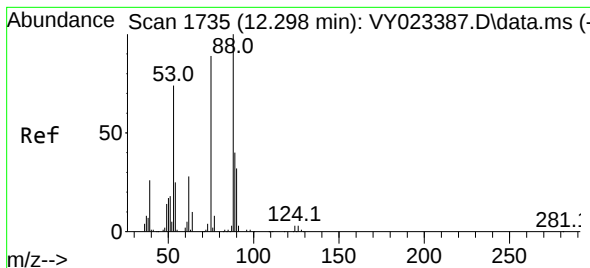
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#80
1,3,5-Trimethylbenzene
Concen: 58.605 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

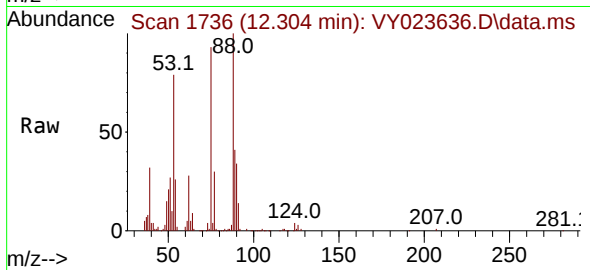
Tgt Ion:105 Resp: 968283
Ion Ratio Lower Upper
105 100
120 50.8 25.4 76.4





#81
trans-1,4-Dichloro-2-butene
Concen: 49.512 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

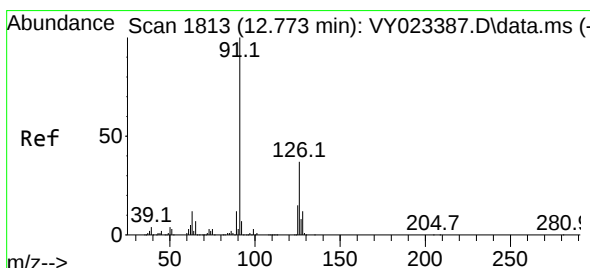
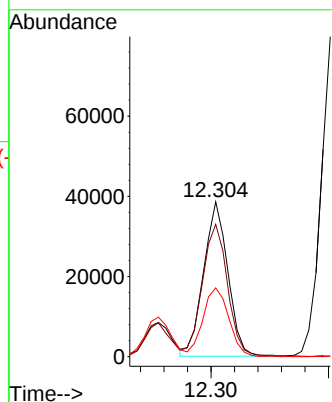
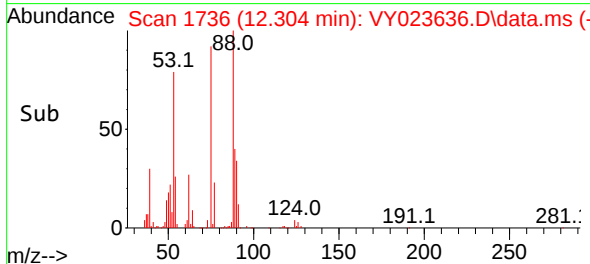
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 55268
Ion Ratio Lower Upper
75 100
53 89.7 68.6 102.8
89 47.5 39.0 58.4

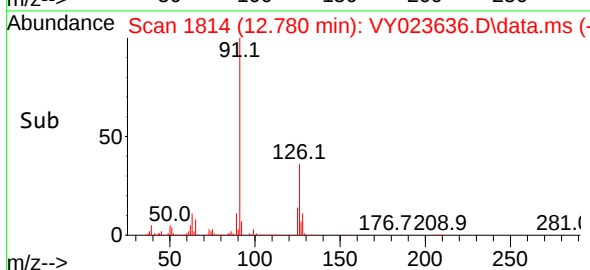
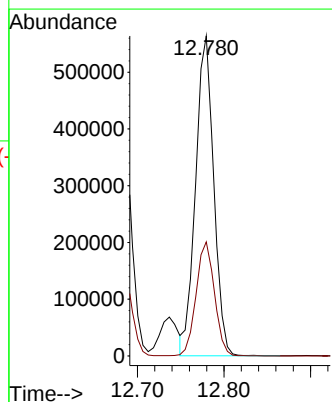
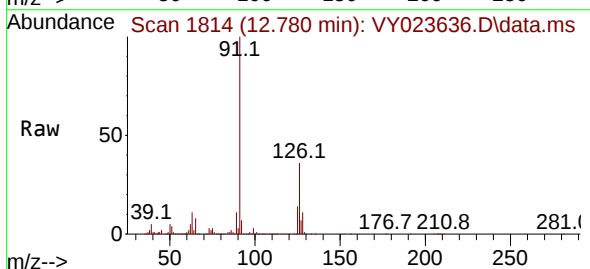
Manual Integrations
APPROVED

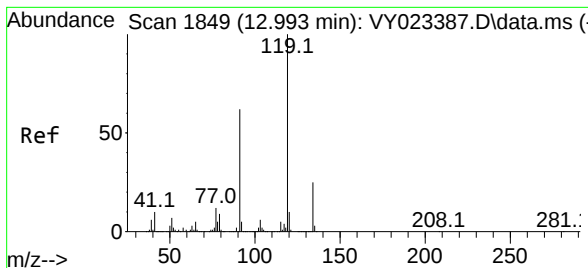
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#82
4-Chlorotoluene
Concen: 57.330 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

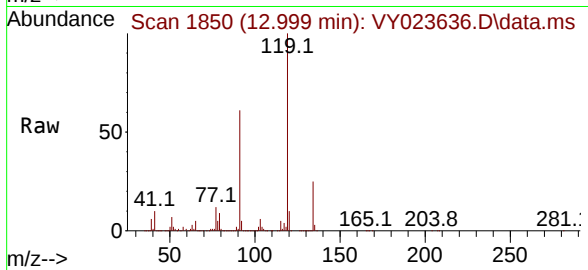
Tgt Ion: 91 Resp: 818071
Ion Ratio Lower Upper
91 100
126 36.2 18.4 55.4





#83
tert-Butylbenzene
Concen: 57.435 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

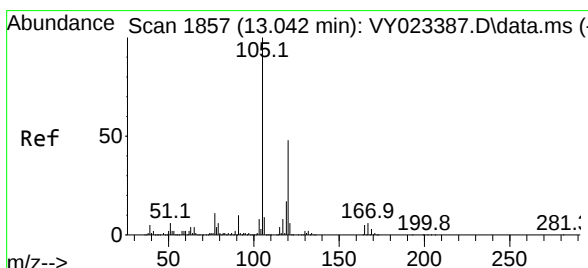
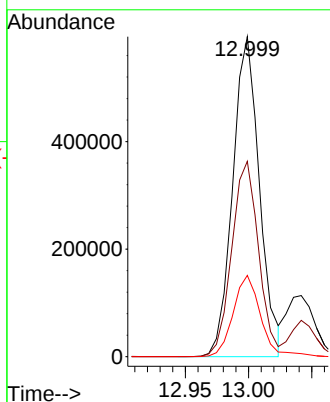
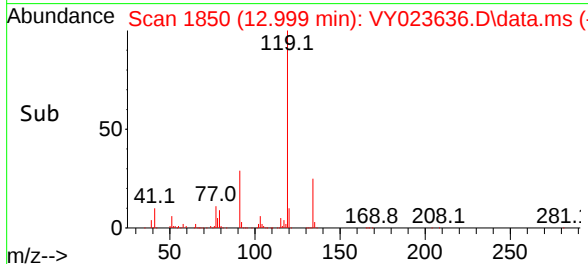
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



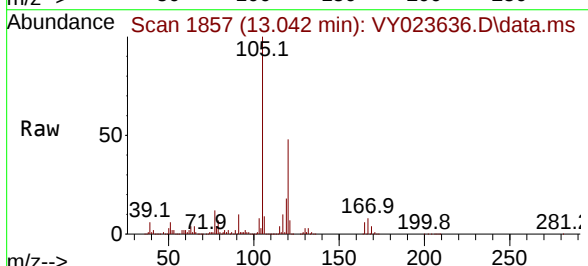
Tgt Ion:119 Resp: 87617
Ion Ratio Lower Upper
119 100
91 61.1 29.9 89.8
134 26.2 12.9 38.7

Manual Integrations
APPROVED

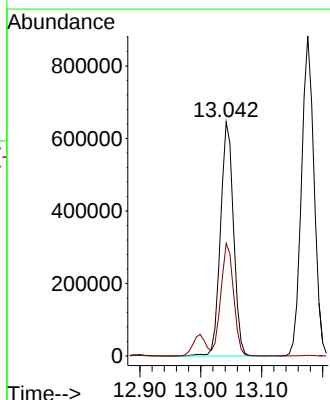
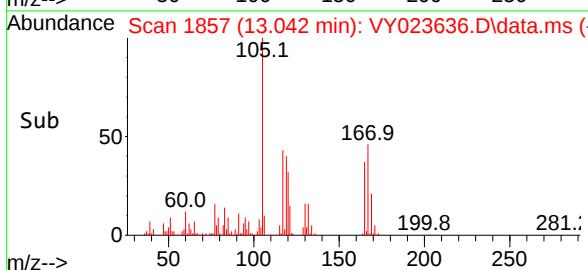
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

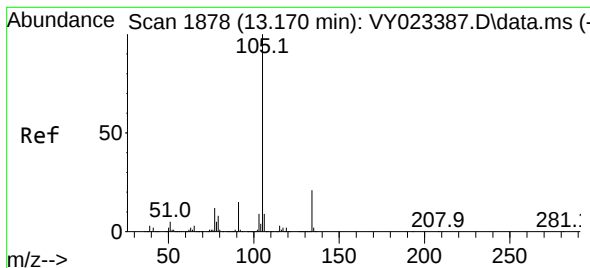


#84
1,2,4-Trimethylbenzene
Concen: 57.963 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50



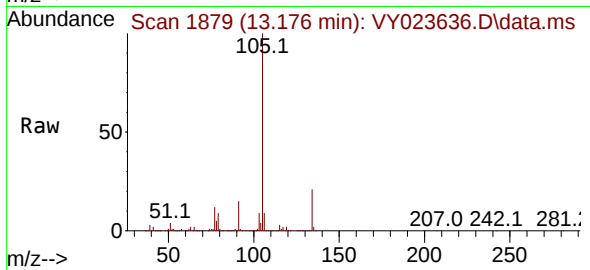
Tgt Ion:105 Resp: 955742
Ion Ratio Lower Upper
105 100
120 46.9 23.8 71.2





#85
 sec-Butylbenzene
 Concen: 57.738 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023636.D
 Acq: 31 Oct 2025 08:50

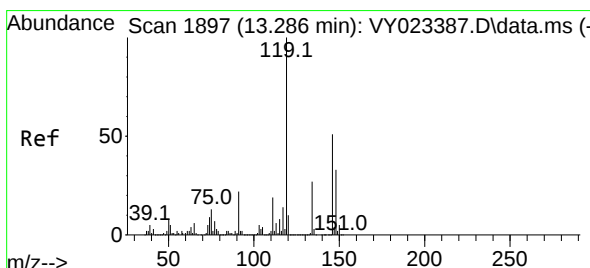
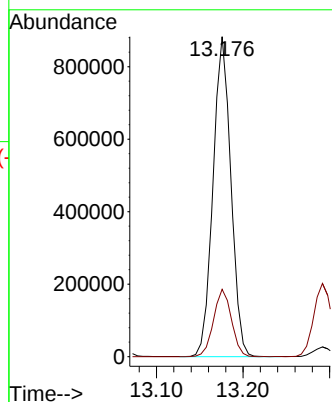
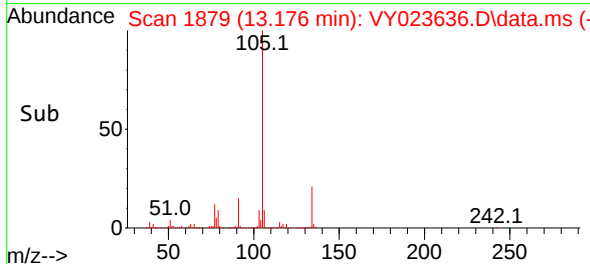
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



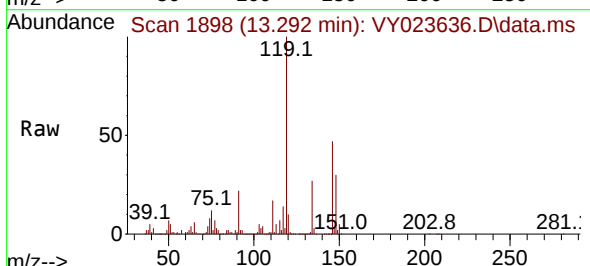
Tgt Ion:105 Resp: 126349
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.7 32.1

Manual Integrations
 APPROVED

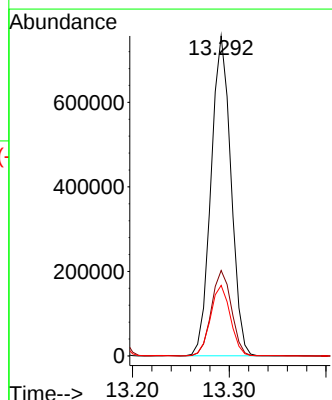
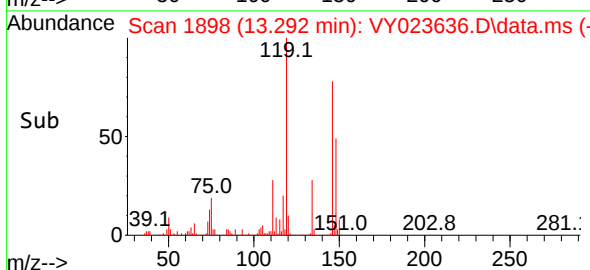
Reviewed By :Amit Patel 11/03/2025
 Supervised By :Semsettin Yesilyurt 11/03/2025

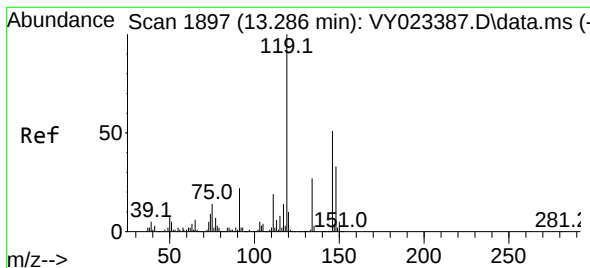


#86
 p-Isopropyltoluene
 Concen: 57.895 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023636.D
 Acq: 31 Oct 2025 08:50



Tgt Ion:119 Resp: 1078678
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.7
 91 22.0 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 54.562 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 577534

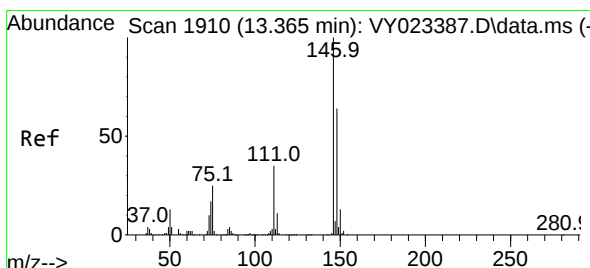
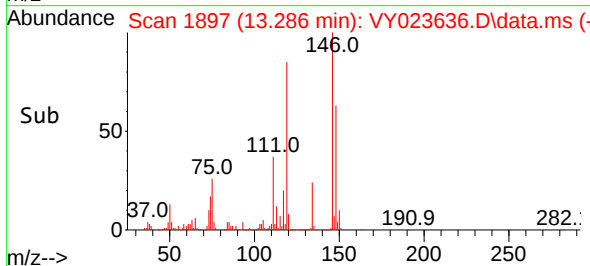
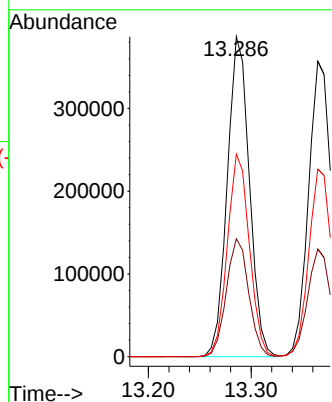
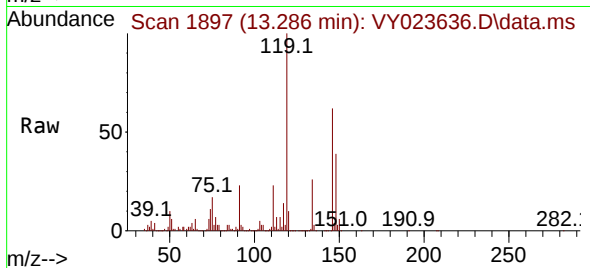
Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.7	56.1
148	63.2	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#88

1,4-Dichlorobenzene

Concen: 53.040 ug/l

RT: 13.365 min Scan# 1910

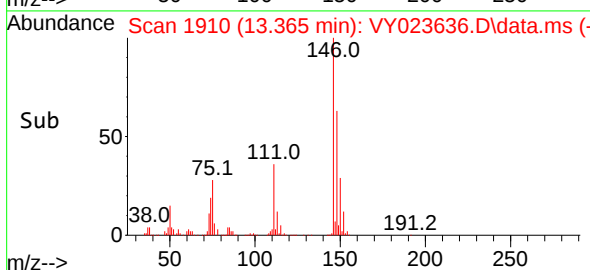
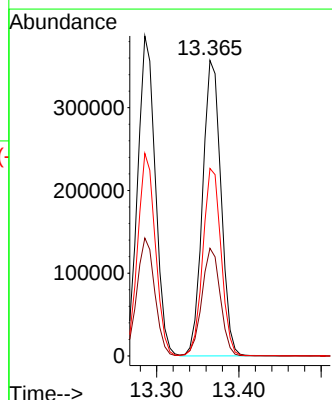
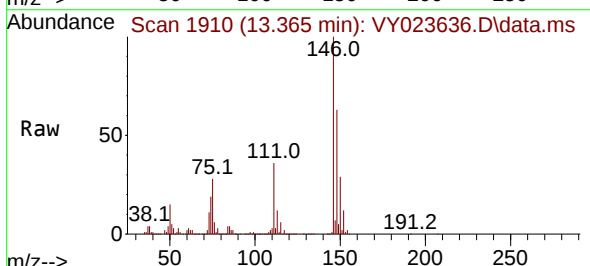
Delta R.T. -0.000 min

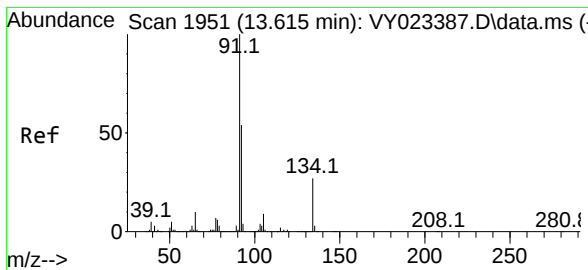
Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Tgt Ion:146 Resp: 554490

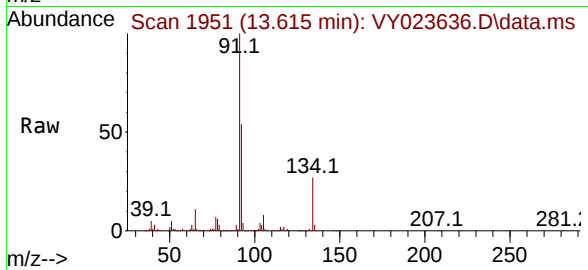
Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.0	54.0
148	63.0	31.9	95.7





#89
n-Butylbenzene
Concen: 57.900 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

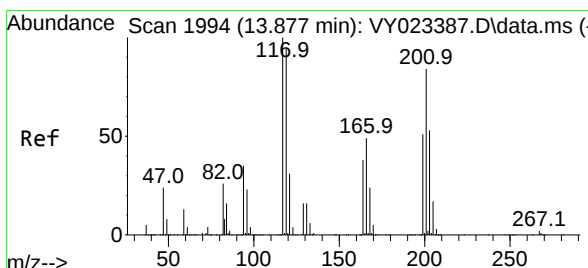
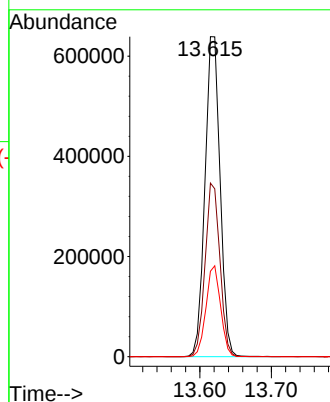
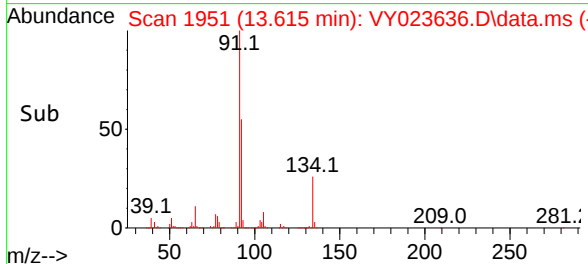
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 93997
Ion Ratio Lower Upper
91 100
92 53.2 27.0 80.8
134 27.5 14.1 42.2

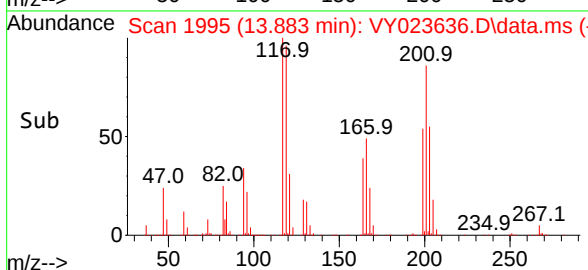
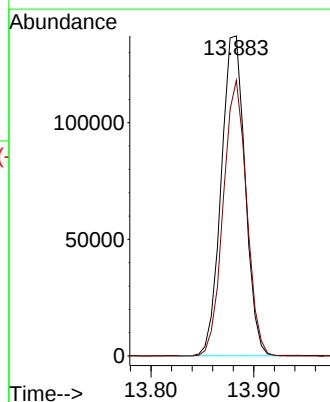
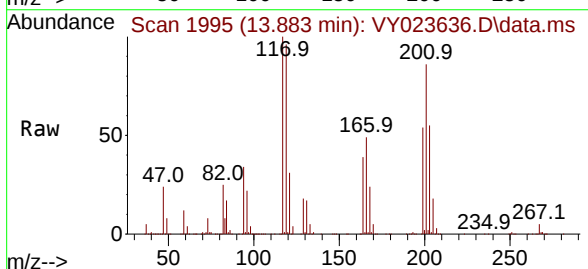
Manual Integrations
APPROVED

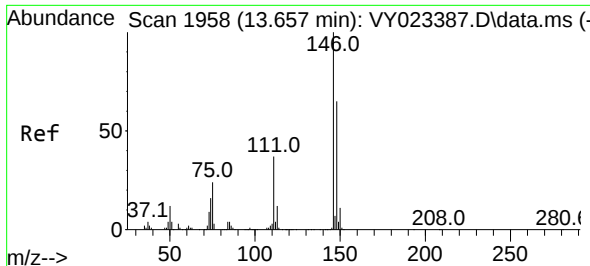
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#90
Hexachloroethane
Concen: 55.297 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

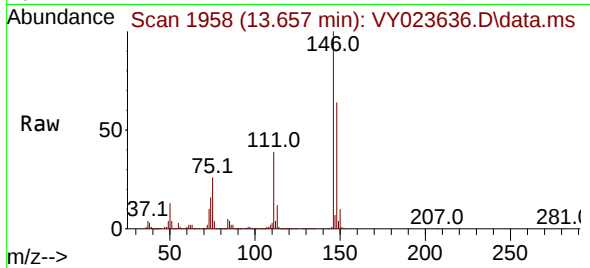
Tgt Ion:117 Resp: 221593
Ion Ratio Lower Upper
117 100
201 84.1 43.8 131.4





#91
1,2-Dichlorobenzene
Concen: 53.392 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

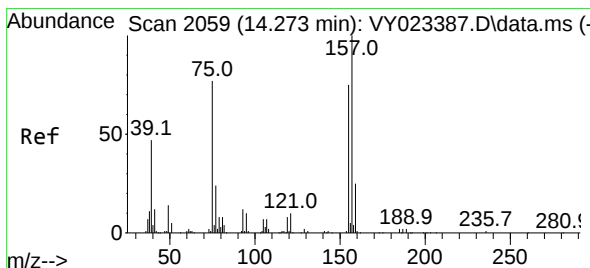
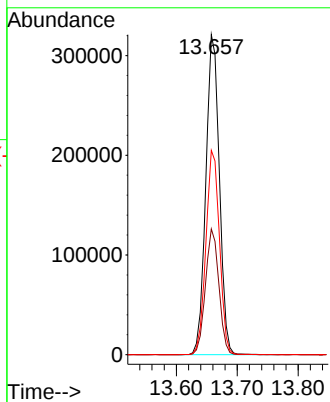
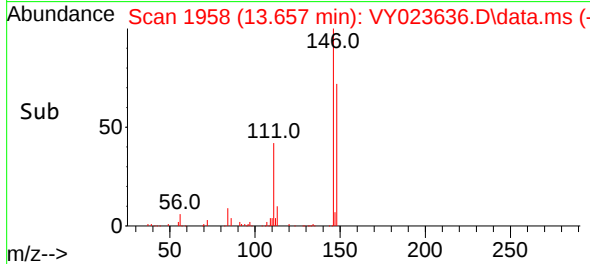
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



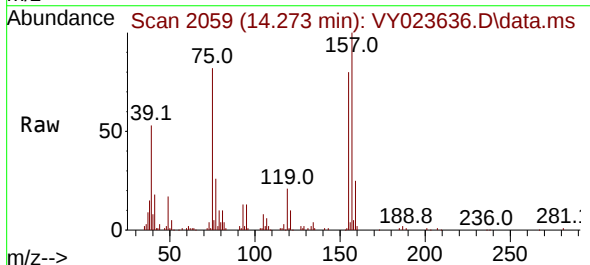
Tgt Ion:146 Resp: 495479
Ion Ratio Lower Upper
146 100
111 39.1 19.0 57.0
148 64.1 32.1 96.3

Manual Integrations
APPROVED

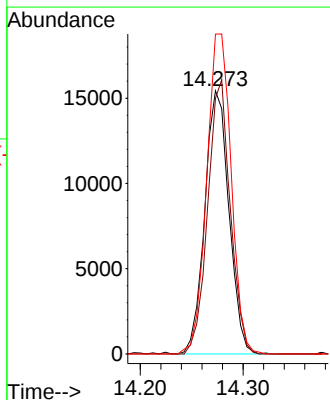
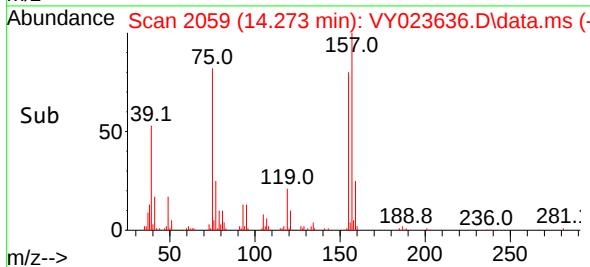
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.090 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50



Tgt Ion: 75 Resp: 25290
Ion Ratio Lower Upper
75 100
155 96.8 50.0 150.0
157 123.0 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 48.459 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023636.D

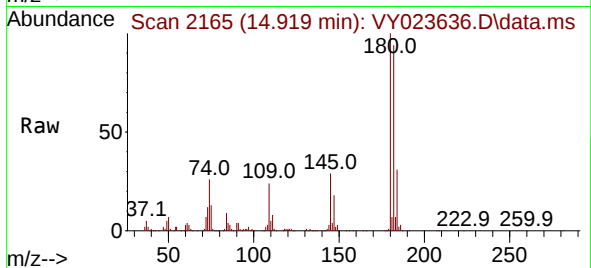
Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 280352

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.6

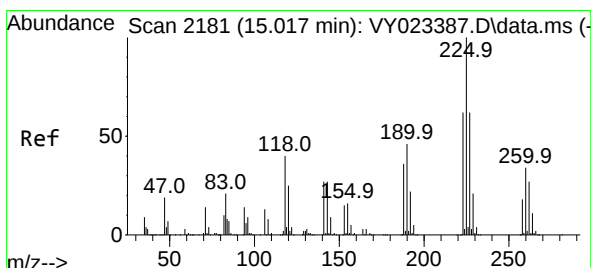
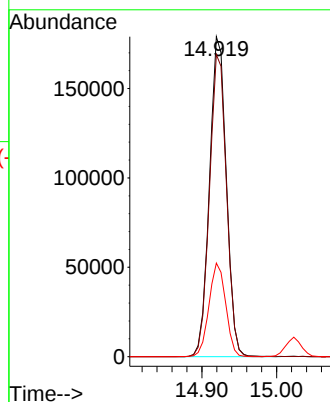
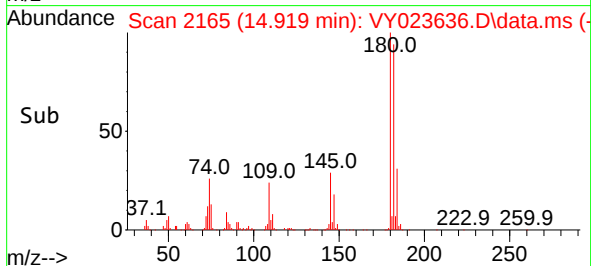
145 29.0 14.7 44.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#94

Hexachlorobutadiene

Concen: 51.691 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

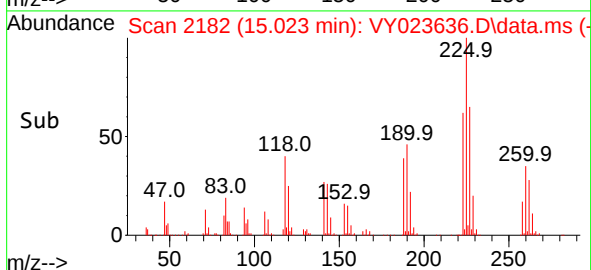
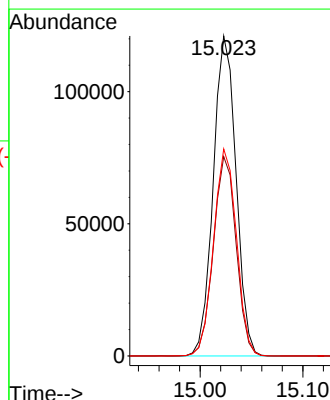
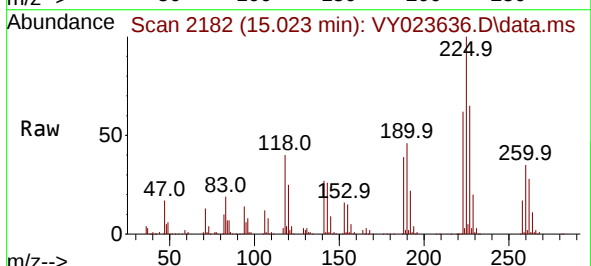
Tgt Ion:225 Resp: 186418

Ion Ratio Lower Upper

225 100

223 62.3 30.8 92.3

227 65.1 31.9 95.7





#95

Naphthalene

Concen: 43.578 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 401468

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

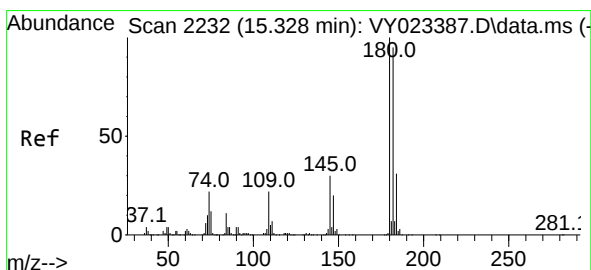
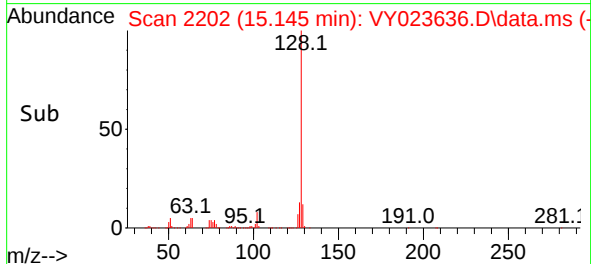
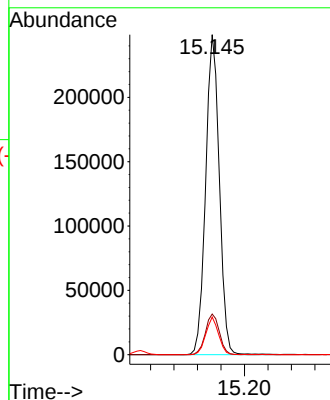
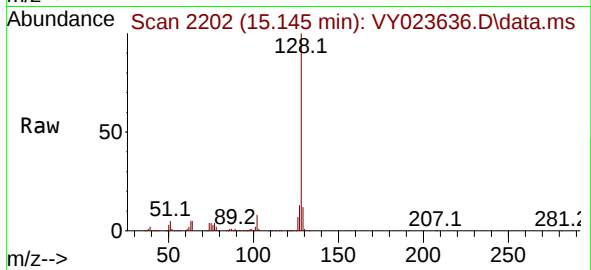
129 11.0 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#96

1,2,3-Trichlorobenzene

Concen: 46.008 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Tgt Ion:180 Resp: 230552

Ion Ratio Lower Upper

180 100

182 96.5 47.9 143.8

145 30.5 15.3 45.9

