

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102925\
 Data File : VY023611.D
 Acq On : 29 Oct 2025 09:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 03:12:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	470846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	675387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	593203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	313750	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	179345	45.550	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.100%
35) Dibromofluoromethane	7.634	113	206649	49.796	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.600%
50) Toluene-d8	10.109	98	753161	48.733	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.460%
62) 4-Bromofluorobenzene	12.408	95	256905	50.350	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.700%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	145975	43.072	ug/l	100
3) Chloromethane	2.074	50	208918	45.251	ug/l	99
4) Vinyl Chloride	2.208	62	284920	47.381	ug/l	99
5) Bromomethane	2.598	94	235304	46.628	ug/l	99
6) Chloroethane	2.739	64	209034	50.996	ug/l	99
7) Trichlorofluoromethane	3.056	101	425176	50.923	ug/l	100
8) Diethyl Ether	3.458	74	104882	48.072	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	233030	53.784	ug/l	98
10) Methyl Iodide	4.007	142	268108	55.585	ug/l	100
11) Tert butyl alcohol	4.860	59	65970	225.222	ug/l	100
12) 1,1-Dichloroethene	3.787	96	214587	51.091	ug/l	95
13) Acrolein	3.653	56	20388	49.259	ug/l	97
14) Allyl chloride	4.385	41	269403	52.631	ug/l	99
15) Acrylonitrile	5.061	53	206176	246.933	ug/l	99
16) Acetone	3.866	43	233683	249.304	ug/l	99
17) Carbon Disulfide	4.110	76	574162	47.763	ug/l	99
18) Methyl Acetate	4.391	43	141577	57.579	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	510026	50.525	ug/l	99
20) Methylene Chloride	4.616	84	239936	47.338	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	243821	52.728	ug/l	94
22) Diisopropyl ether	6.018	45	624721	55.176	ug/l	97
23) Vinyl Acetate	5.964	43	1518701	247.808	ug/l	98
24) 1,1-Dichloroethane	5.921	63	408054	54.407	ug/l	99
25) 2-Butanone	6.896	43	273695	239.171	ug/l	98
26) 2,2-Dichloropropane	6.890	77	379590	55.157	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	292237	54.711	ug/l	98
28) Bromochloromethane	7.244	49	132155	47.200	ug/l	97
29) Tetrahydrofuran	7.262	42	154166	237.571	ug/l	99
30) Chloroform	7.421	83	458871	55.687	ug/l	99
31) Cyclohexane	7.701	56	322364	49.218	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	408871	54.600	ug/l	99
36) 1,1-Dichloropropene	7.835	75	307905	56.043	ug/l	99
37) Ethyl Acetate	6.988	43	102499	47.091	ug/l	98
38) Carbon Tetrachloride	7.817	117	373199	56.020	ug/l	98
39) Methylcyclohexane	9.109	83	388087	54.252	ug/l	99
40) Benzene	8.079	78	974732	56.021	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	45723	38.841	ug/l #	79
42) 1,2-Dichloroethane	8.158	62	240499	53.596	ug/l	99
43) Isopropyl Acetate	8.195	43	211787	48.797	ug/l	99
44) Trichloroethene	8.865	130	278306	54.649	ug/l	100
45) 1,2-Dichloropropane	9.140	63	217885	56.695	ug/l	98
46) Dibromomethane	9.231	93	131285	54.024	ug/l	97
47) Bromodichloromethane	9.426	83	344619	56.307	ug/l	99
48) Methyl methacrylate	9.219	41	103013	50.522	ug/l	98
49) 1,4-Dioxane	9.225	88	26955	956.692	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	575238	256.525	ug/l	99
52) Toluene	10.170	92	641642	56.797	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	286487	53.834	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	342654	54.555	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	180546	55.249	ug/l	94
56) Ethyl methacrylate	10.438	69	198232	52.588	ug/l	100
57) 1,3-Dichloropropane	10.719	76	281433	54.348	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	437268	258.945	ug/l	99
59) 2-Hexanone	10.761	43	407233	254.118	ug/l	100
60) Dibromochloromethane	10.914	129	251692	54.935	ug/l	100
61) 1,2-Dibromoethane	11.011	107	166977	53.577	ug/l	98
64) Tetrachloroethene	10.646	164	335349	54.750	ug/l	97
65) Chlorobenzene	11.438	112	711442	55.143	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	256102	55.703	ug/l	99
67) Ethyl Benzene	11.517	91	1208583	57.871	ug/l	100
68) m/p-Xylenes	11.627	106	977299	116.670	ug/l	98
69) o-Xylene	11.956	106	458629	58.372	ug/l	100
70) Styrene	11.969	104	758755	58.725	ug/l	100
71) Bromoform	12.133	173	149736	52.504	ug/l #	98
73) Isopropylbenzene	12.255	105	1193321	57.714	ug/l	99
74) N-amyl acetate	12.072	43	178205	47.984	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	175286	51.832	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	235269	84.993	ug/l #	100
77) Bromobenzene	12.529	156	295379	53.736	ug/l	98
78) n-propylbenzene	12.597	91	1404994	58.720	ug/l	100
79) 2-Chlorotoluene	12.676	91	796552	56.850	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	980015	58.655	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	56099	49.696	ug/l	97
82) 4-Chlorotoluene	12.773	91	818198	56.700	ug/l	99
83) tert-Butylbenzene	12.999	119	899914	58.335	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	977462	58.620	ug/l	99
85) sec-Butylbenzene	13.176	105	1305516	58.994	ug/l	100
86) p-Isopropyltoluene	13.291	119	1110772	58.953	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	583571	54.518	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	572156	54.121	ug/l	99
89) n-Butylbenzene	13.615	91	967606	58.938	ug/l	99
90) Hexachloroethane	13.877	117	226930	55.998	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	506280	53.948	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	25662	46.247	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	299480	51.188	ug/l	99
94) Hexachlorobutadiene	15.023	225	200284	54.917	ug/l	100
95) Naphthalene	15.145	128	450812	48.389	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	255209	50.361	ug/l	100

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Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

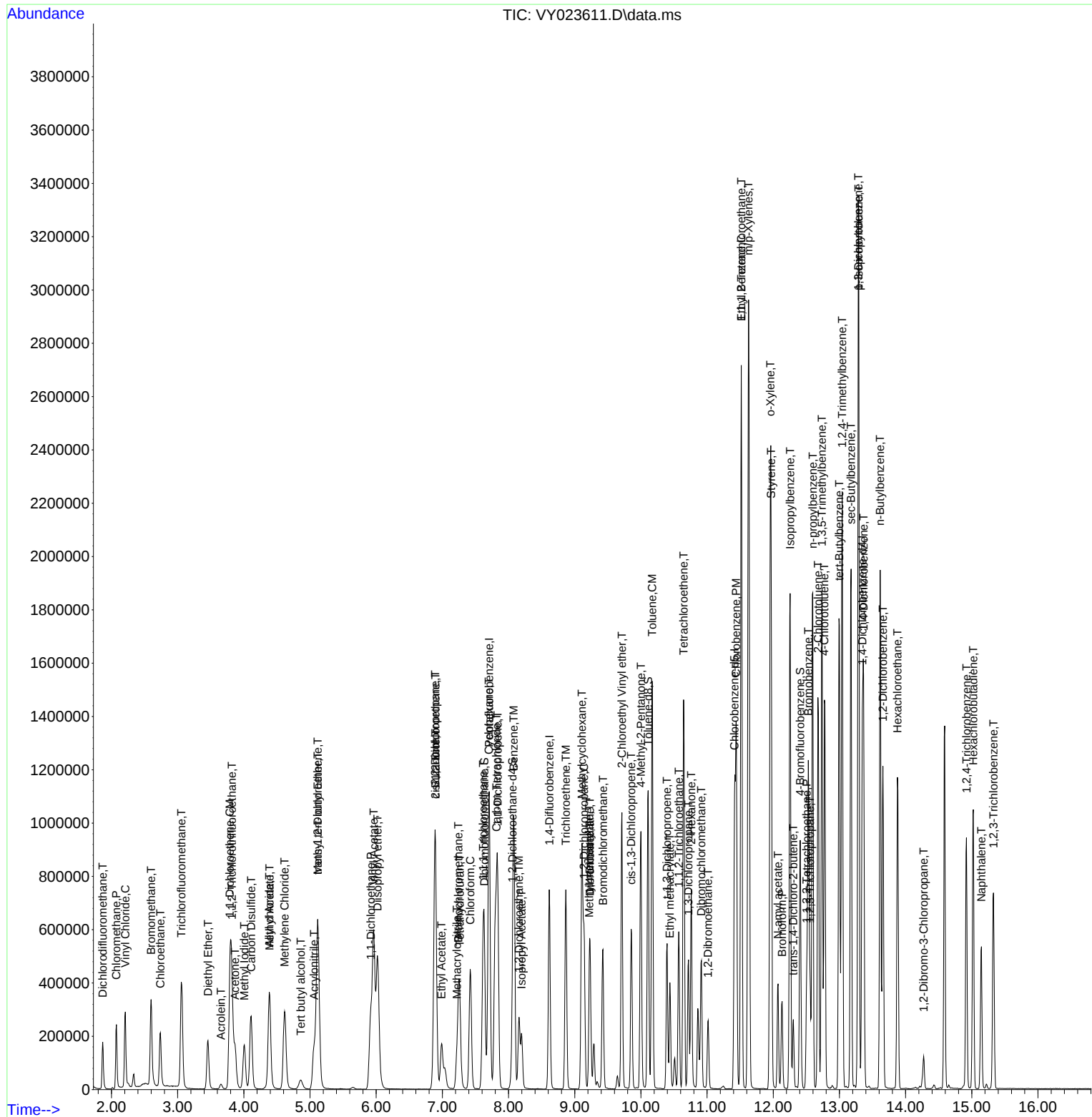
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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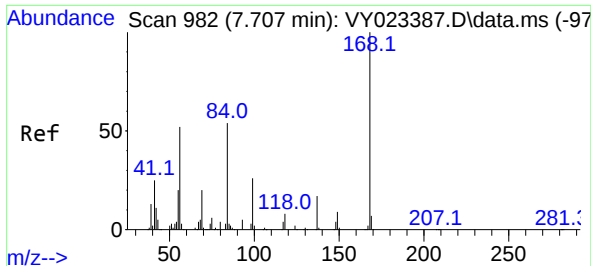
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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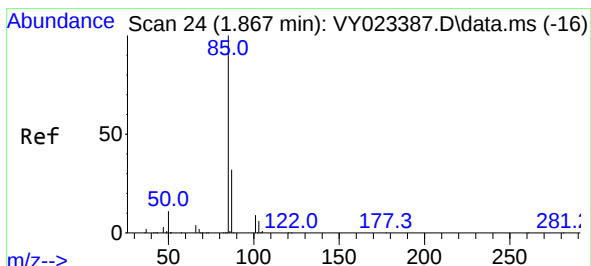
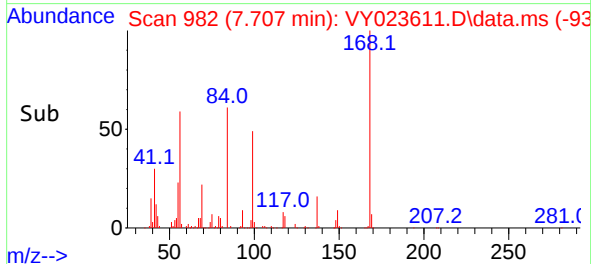
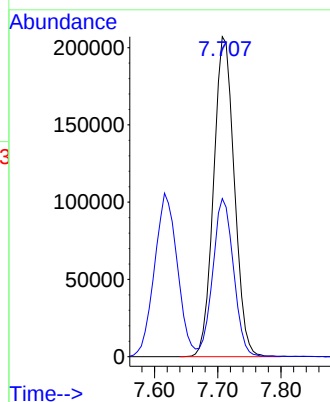
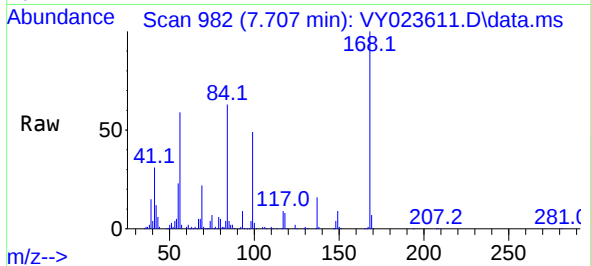




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023611.D
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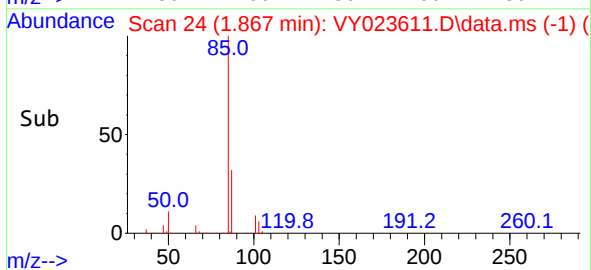
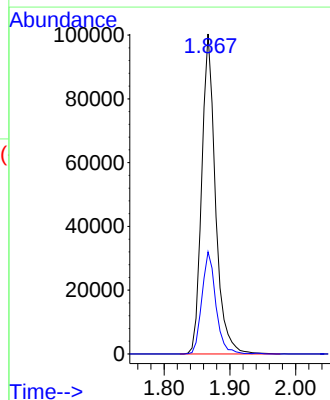
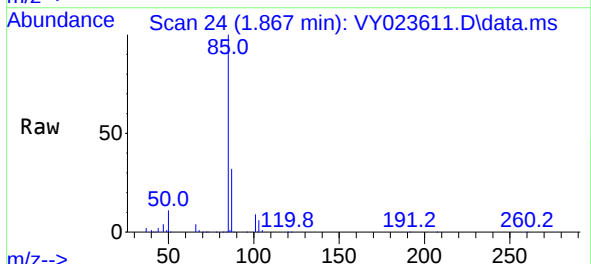
Instrument :
MSVOA_Y
ClientSampleId :

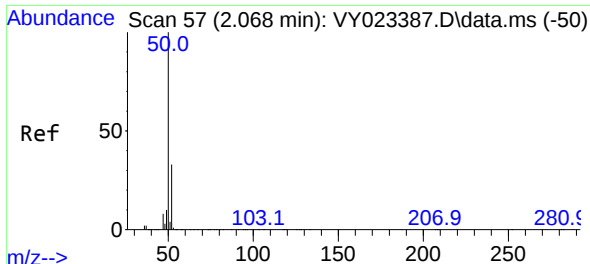
Tgt Ion:168 Resp: 470846
Ion Ratio Lower Upper
168 100
99 49.3 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 43.072 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion: 85 Resp: 145975
Ion Ratio Lower Upper
85 100
87 31.9 16.0 47.9

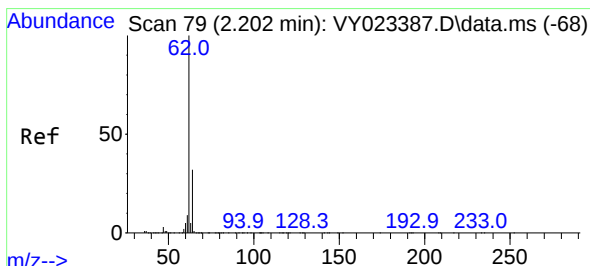
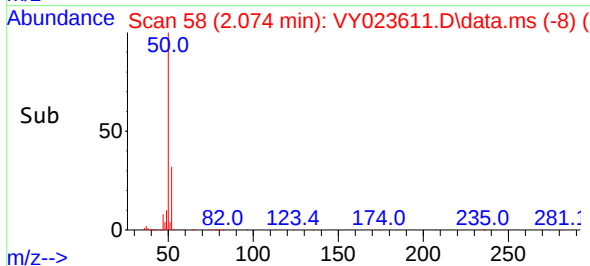
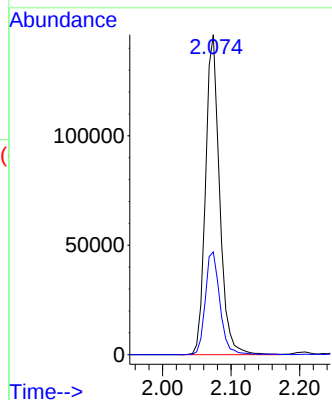
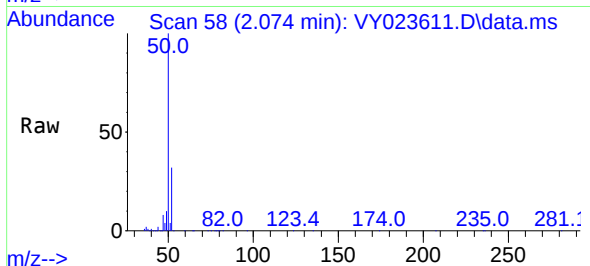




#3
Chloromethane
Concen: 45.251 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

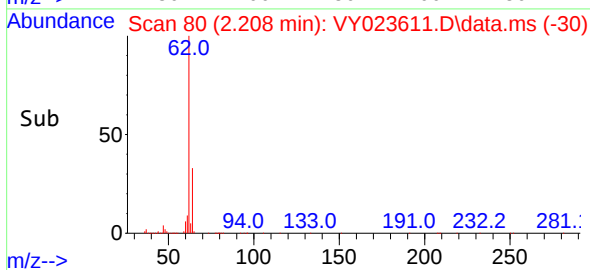
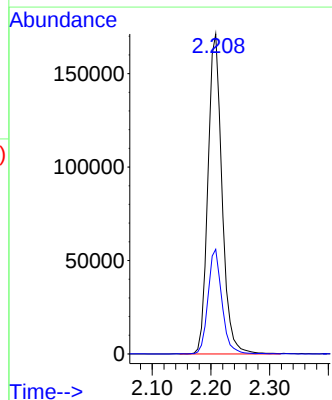
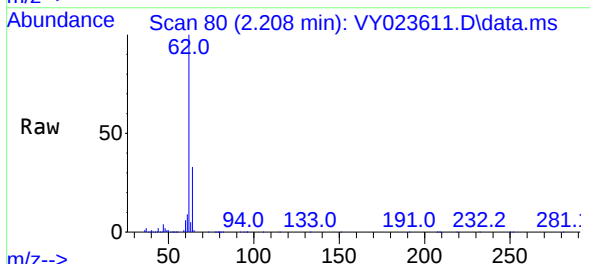
Instrument :
MSVOA_Y
ClientSampleId :

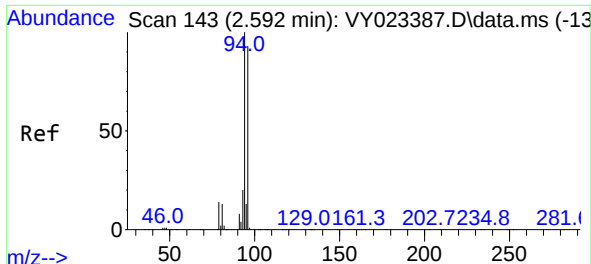
Tgt Ion: 50 Resp: 208918
Ion Ratio Lower Upper
50 100
52 32.1 26.2 39.2



#4
Vinyl Chloride
Concen: 47.381 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion: 62 Resp: 284920
Ion Ratio Lower Upper
62 100
64 32.7 25.8 38.8

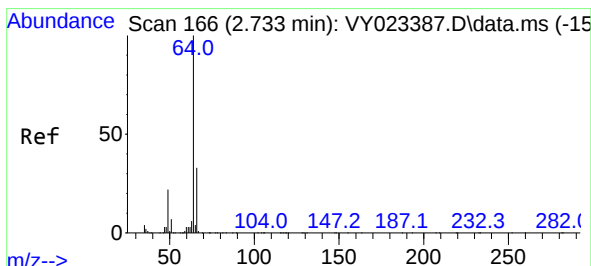
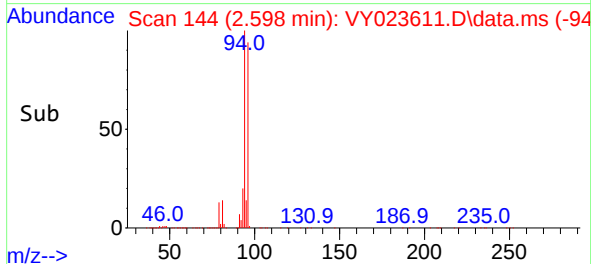
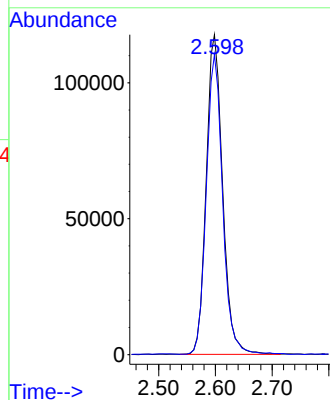
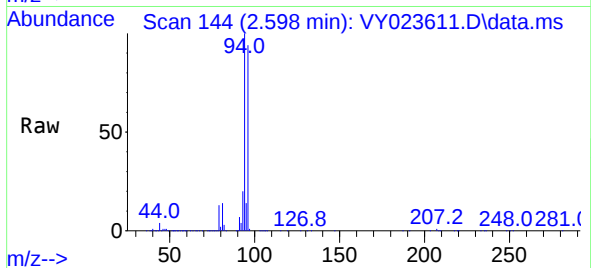




#5
Bromomethane
Concen: 46.628 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023611.D
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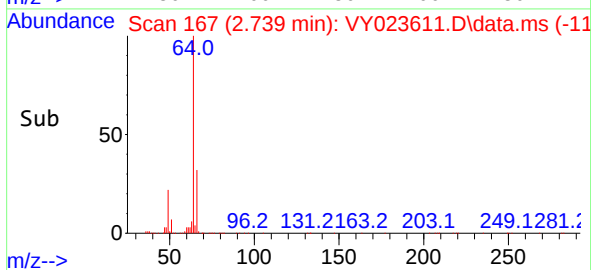
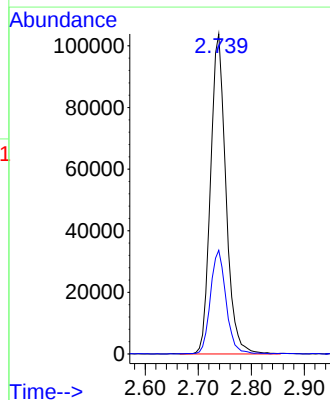
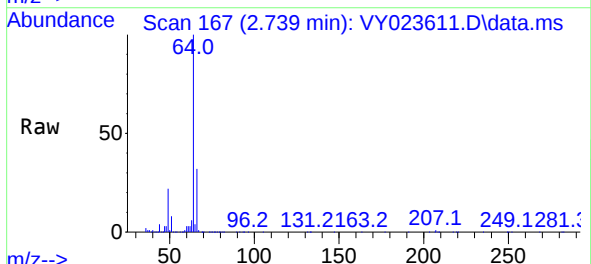
Instrument :
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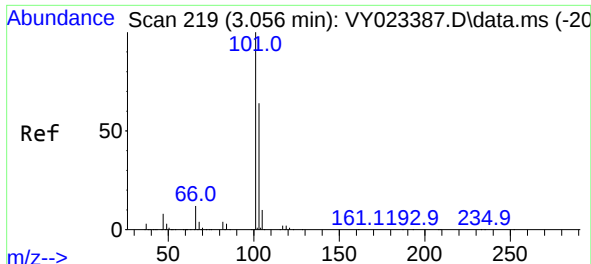
Tgt Ion: 94 Resp: 235304
Ion Ratio Lower Upper
94 100
96 93.7 74.5 111.7



#6
Chloroethane
Concen: 50.996 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion: 64 Resp: 209034
Ion Ratio Lower Upper
64 100
66 32.3 26.2 39.4

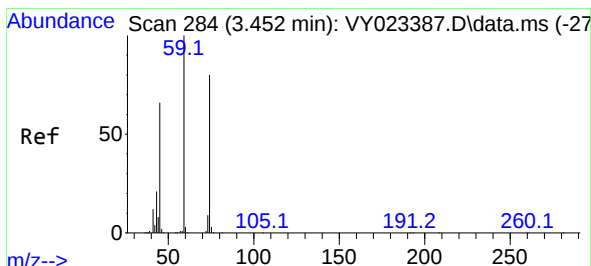
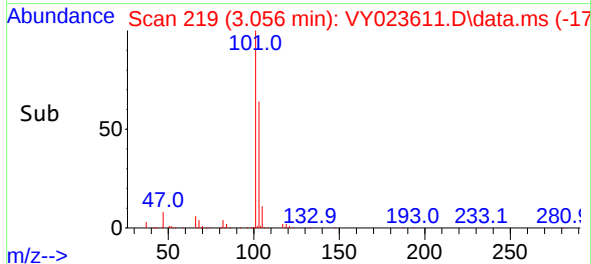
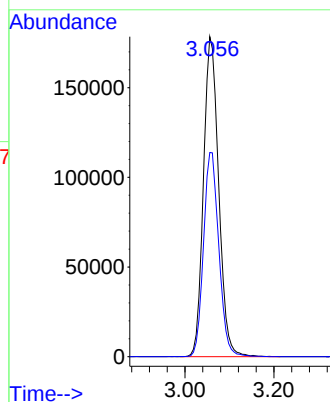
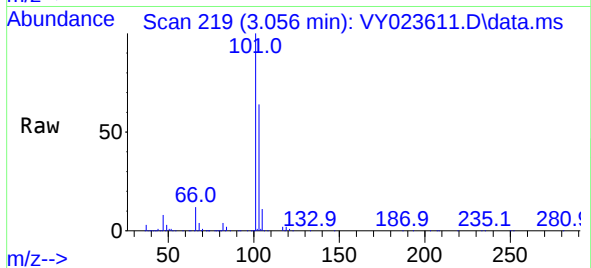




#7
 Trichlorofluoromethane
 Concen: 50.923 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. -0.000 min
 Lab File: VY023611.D
 Acq: 29 Oct 2025 09:12

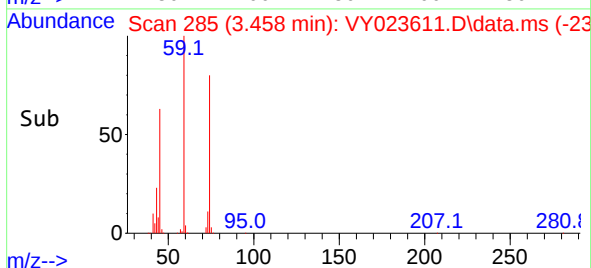
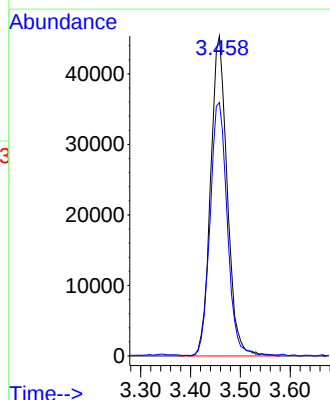
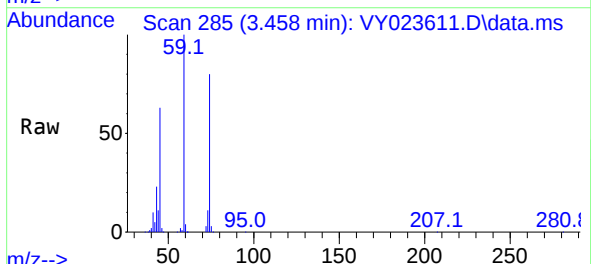
Instrument :
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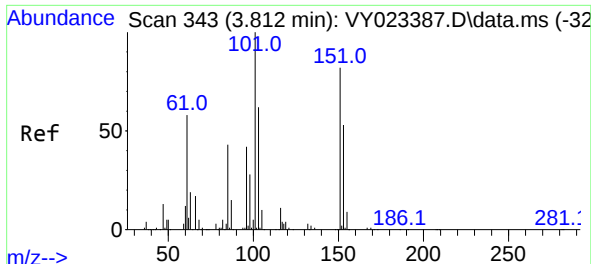
Tgt Ion:101 Resp: 425176
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.3 76.9



#8
 Diethyl Ether
 Concen: 48.072 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY023611.D
 Acq: 29 Oct 2025 09:12

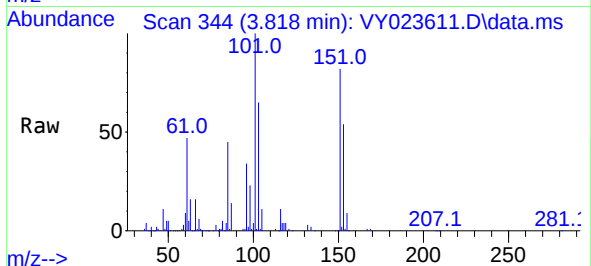
Tgt Ion: 74 Resp: 104882
 Ion Ratio Lower Upper
 74 100
 45 82.4 39.9 119.7



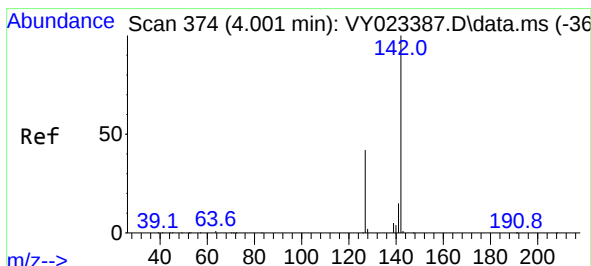
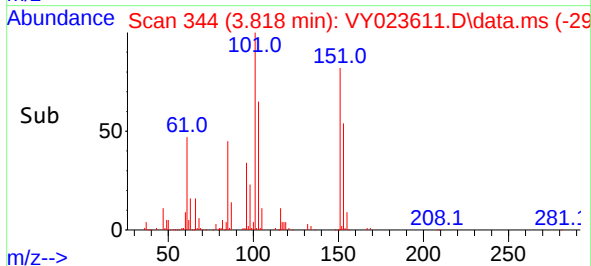
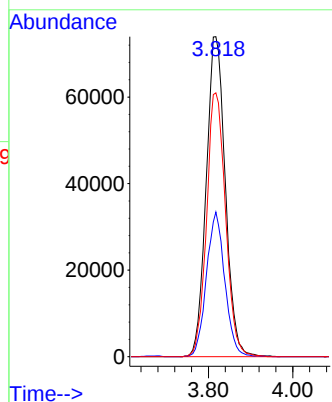


#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.784 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Instrument :
MSVOA_Y
ClientSampleId :

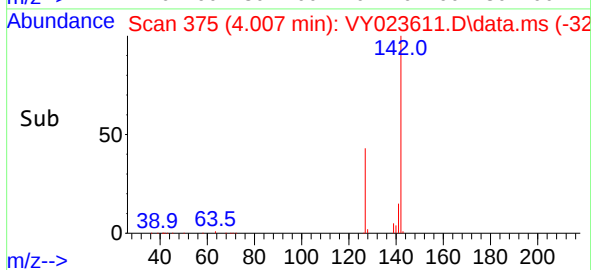
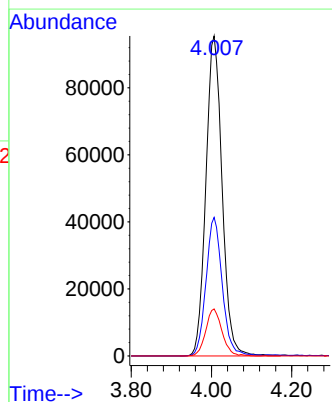
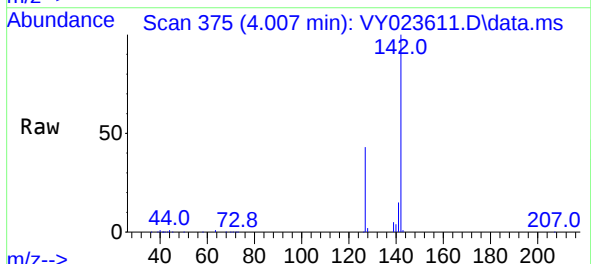


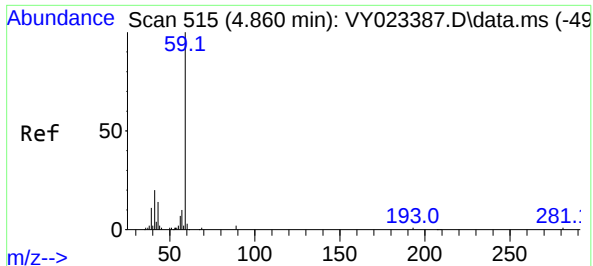
Tgt Ion:101 Resp: 233030
Ion Ratio Lower Upper
101 100
85 43.5 34.6 51.8
151 81.9 67.0 100.6



#10
Methyl Iodide
Concen: 55.585 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion:142 Resp: 268108
Ion Ratio Lower Upper
142 100
127 43.4 34.8 52.2
141 14.7 11.6 17.4

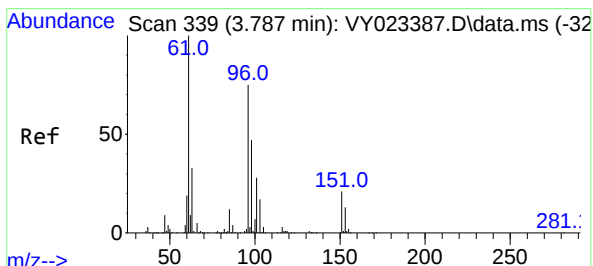
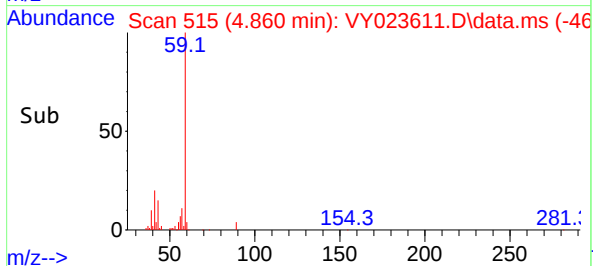
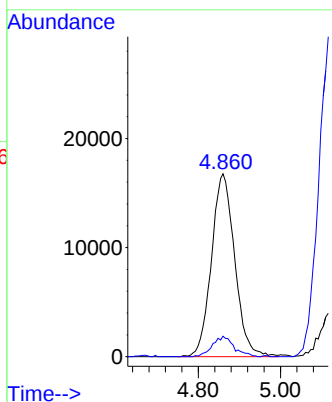
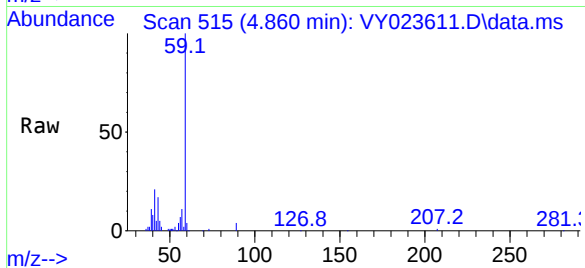




#11
Tert butyl alcohol
Concen: 225.222 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

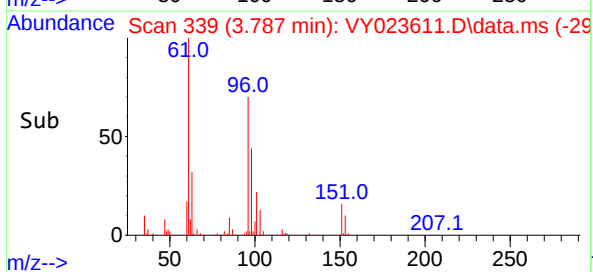
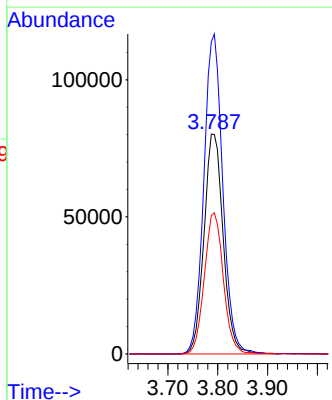
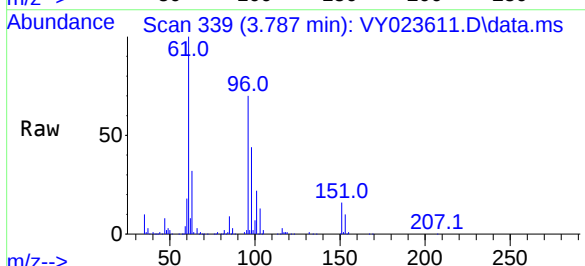
Instrument :
MSVOA_Y
ClientSampleId :

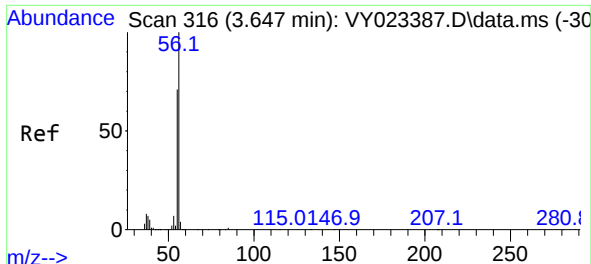
Tgt Ion: 59 Resp: 65970
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5



#12
1,1-Dichloroethene
Concen: 51.091 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion: 96 Resp: 214587
Ion Ratio Lower Upper
96 100
61 141.9 106.7 160.1
98 63.0 50.2 75.4

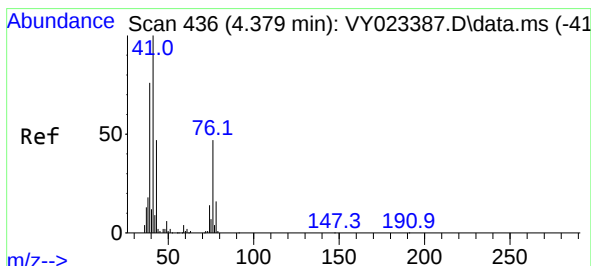
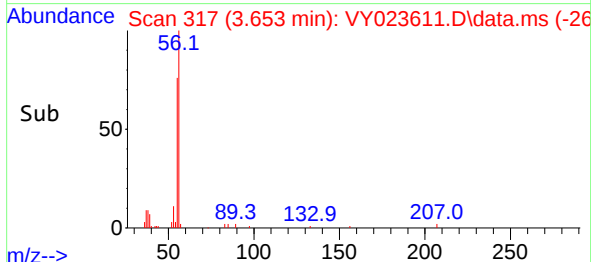
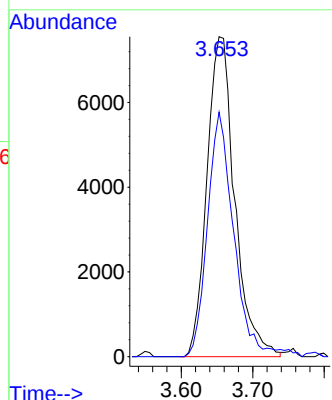
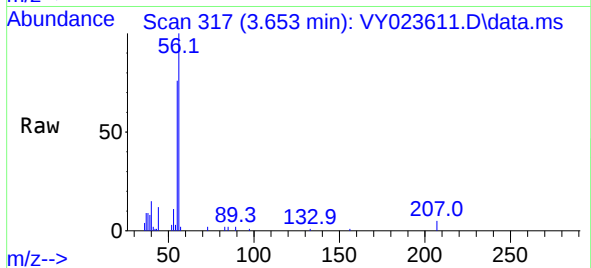




#13
Acrolein
Concen: 49.259 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

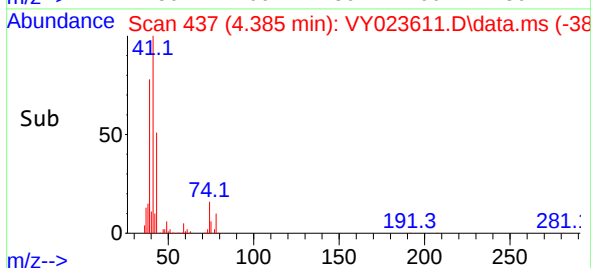
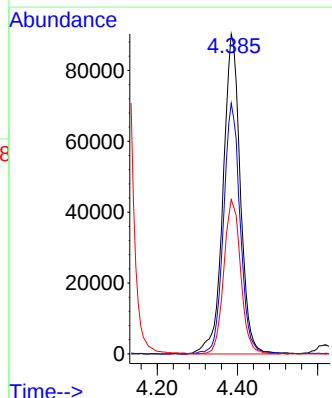
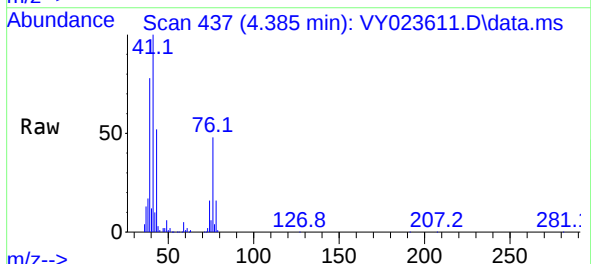
Instrument :
MSVOA_Y
ClientSampleId :

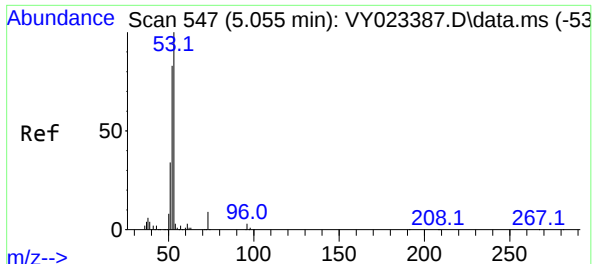
Tgt Ion: 56 Resp: 20388
Ion Ratio Lower Upper
56 100
55 72.5 56.1 84.1



#14
Allyl chloride
Concen: 52.631 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion: 41 Resp: 269403
Ion Ratio Lower Upper
41 100
39 75.8 59.9 89.9
76 47.0 38.0 57.0

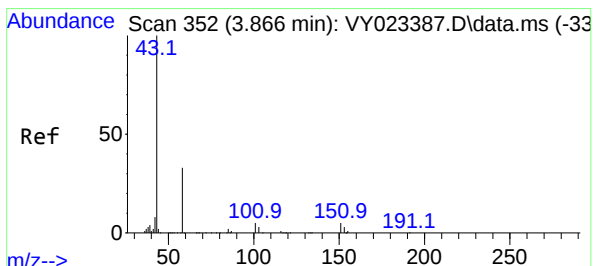
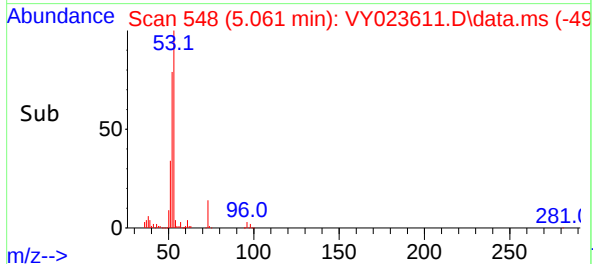
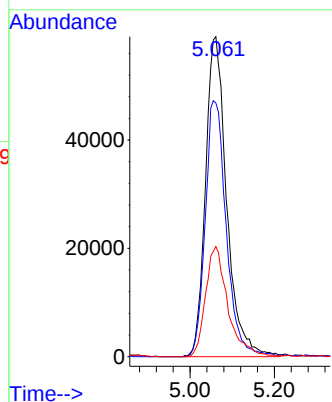
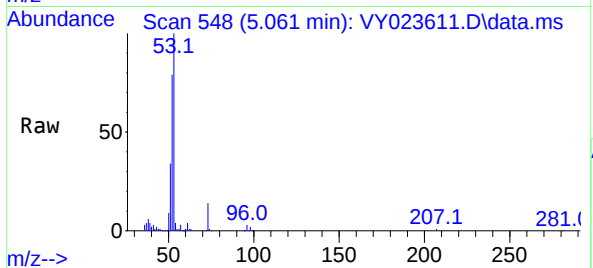




#15
Acrylonitrile
Concen: 246.933 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

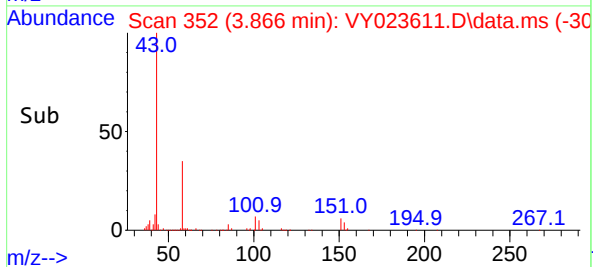
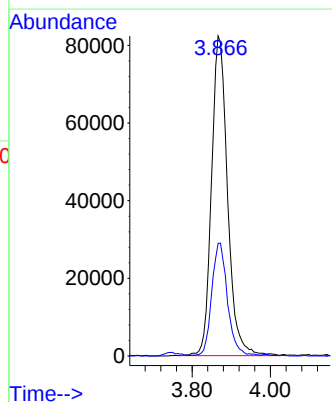
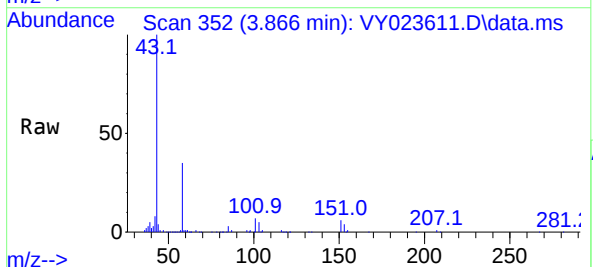
Instrument :
MSVOA_Y
ClientSampleId :

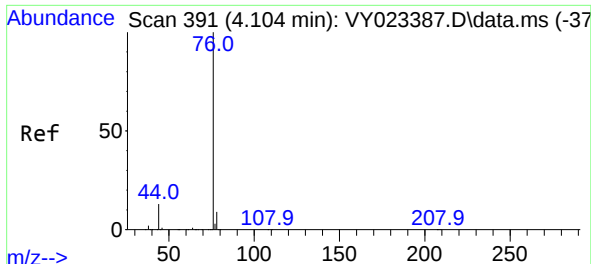
Tgt Ion: 53 Resp: 206176
Ion Ratio Lower Upper
53 100
52 79.5 64.6 97.0
51 36.3 29.5 44.3



#16
Acetone
Concen: 249.304 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion: 43 Resp: 233683
Ion Ratio Lower Upper
43 100
58 35.1 27.7 41.5

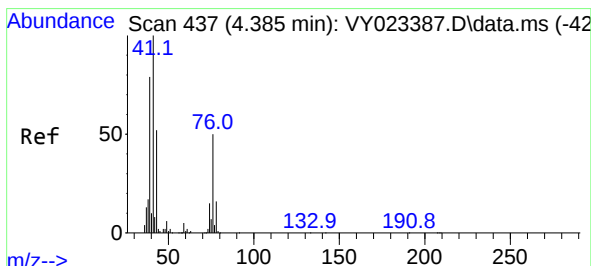
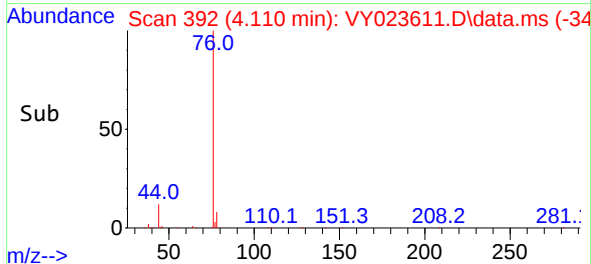
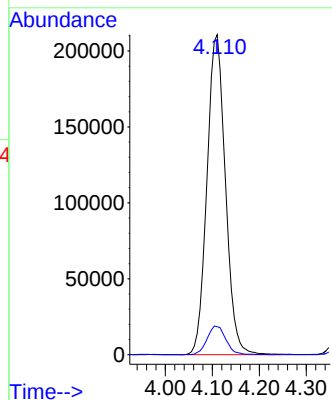
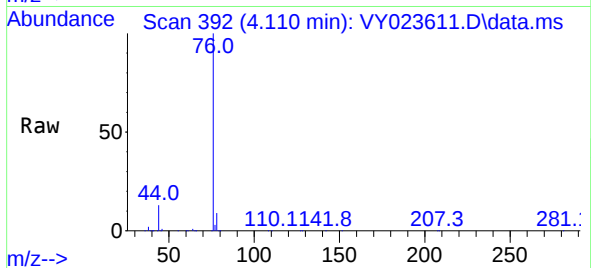




#17
Carbon Disulfide
Concen: 47.763 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

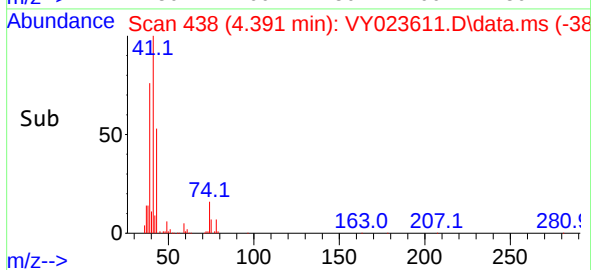
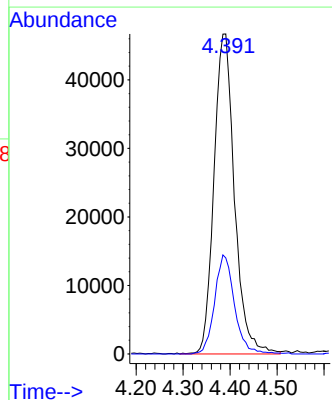
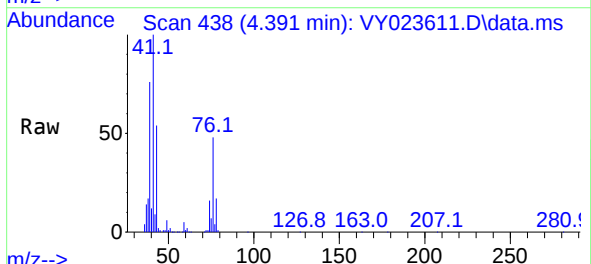
Instrument :
MSVOA_Y
ClientSampleId :

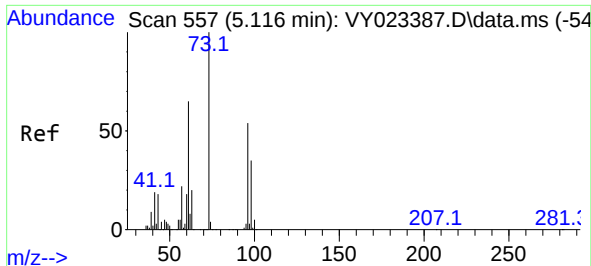
Tgt Ion: 76 Resp: 574162
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 57.579 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion: 43 Resp: 141577
Ion Ratio Lower Upper
43 100
74 30.0 24.2 36.4

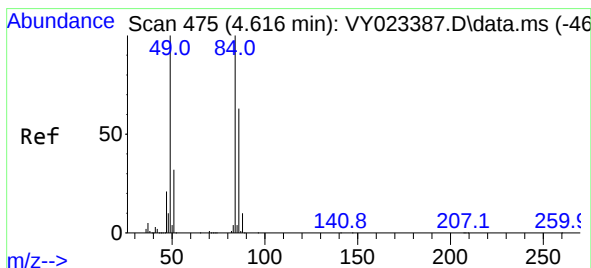
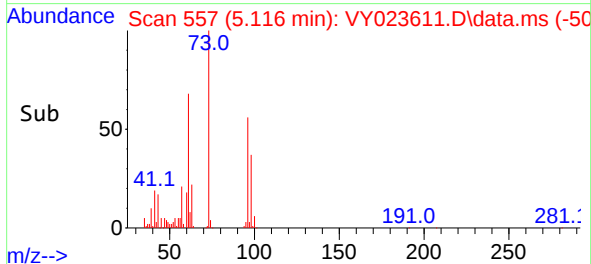
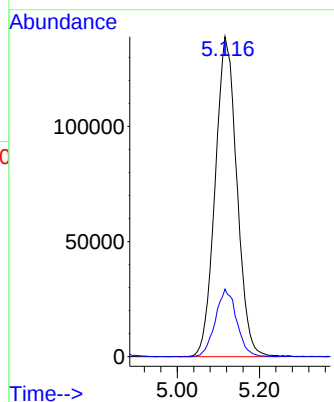
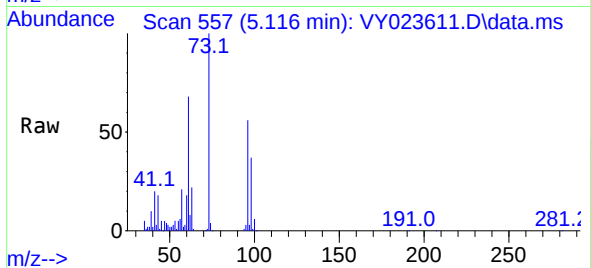




#19
Methyl tert-butyl Ether
Concen: 50.525 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

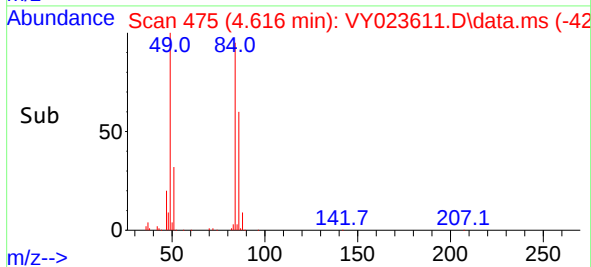
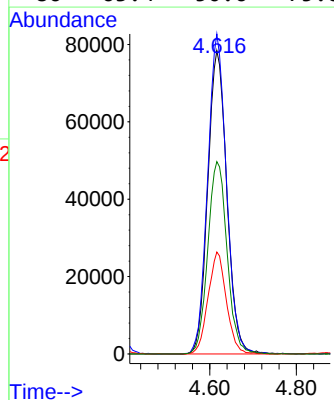
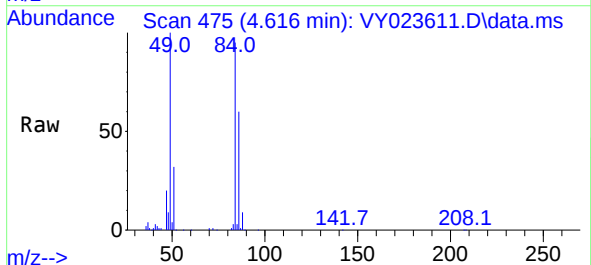
Instrument :
MSVOA_Y
ClientSampleId :

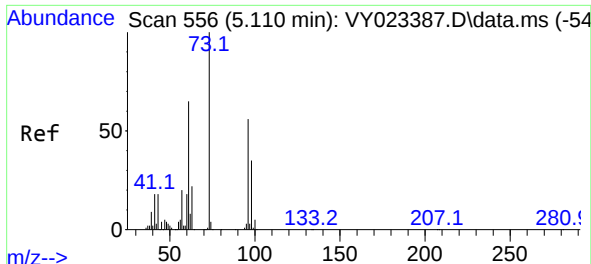
Tgt Ion: 73 Resp: 510026
Ion Ratio Lower Upper
73 100
57 21.1 17.4 26.0



#20
Methylene Chloride
Concen: 47.338 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

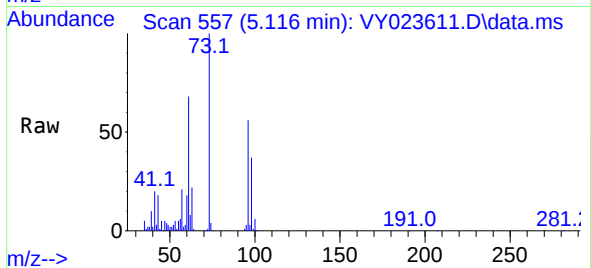
Tgt Ion: 84 Resp: 239936
Ion Ratio Lower Upper
84 100
49 105.5 80.2 120.4
51 33.6 25.9 38.9
86 63.4 50.6 75.8



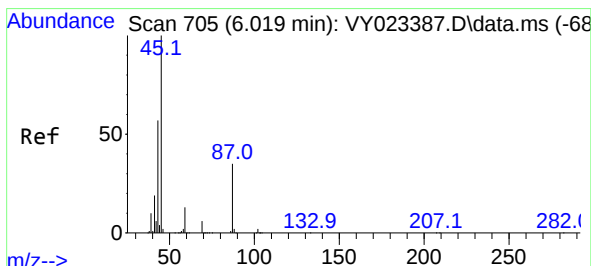
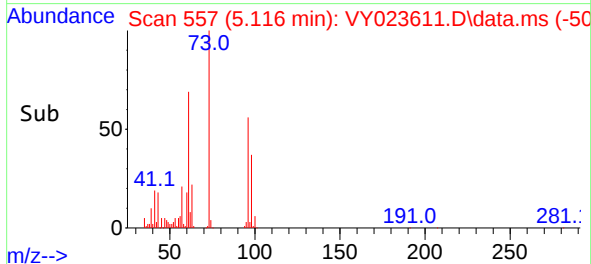
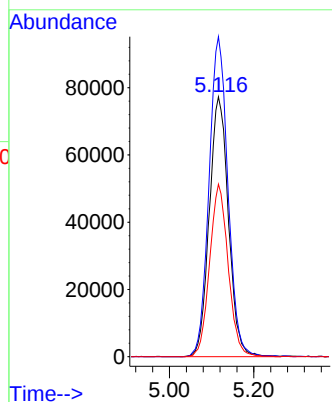


#21
trans-1,2-Dichloroethene
Concen: 52.728 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Instrument :
MSVOA_Y
ClientSampleId :

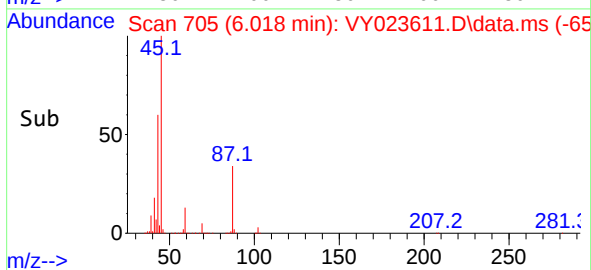
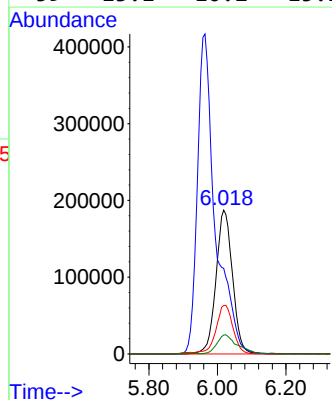
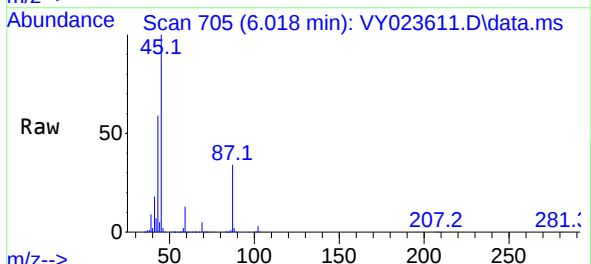


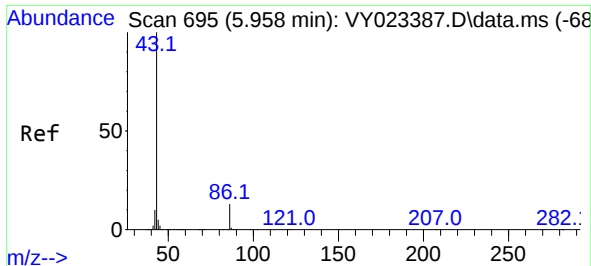
Tgt Ion: 96 Resp: 243821
Ion Ratio Lower Upper
96 100
61 123.2 92.7 139.1
98 66.4 49.7 74.5



#22
Diisopropyl ether
Concen: 55.176 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion: 45 Resp: 624721
Ion Ratio Lower Upper
45 100
43 59.4 45.6 68.4
87 33.7 28.1 42.1
59 13.1 10.2 15.2





#23

Vinyl Acetate

Concen: 247.808 ug/l

RT: 5.964 min Scan# 695

Delta R.T. 0.006 min

Lab File: VY023611.D

Acq: 29 Oct 2025 09:12

Instrument :

MSVOA_Y

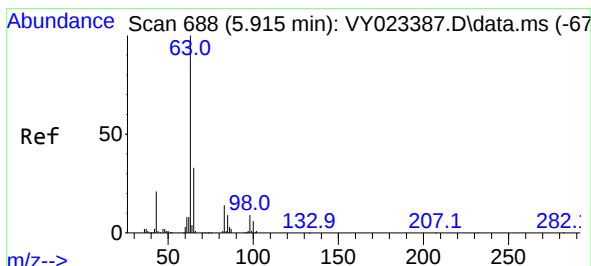
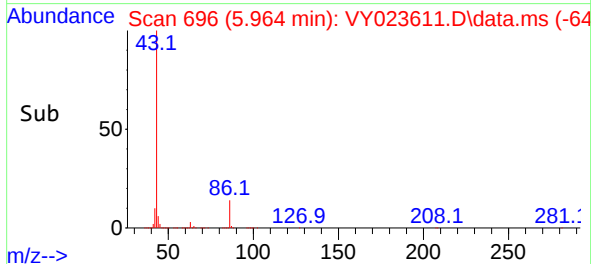
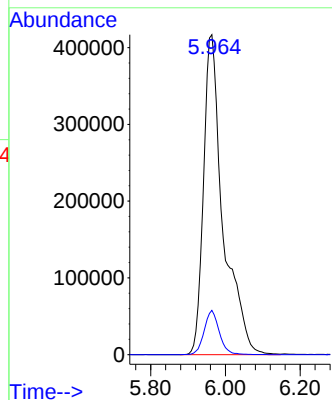
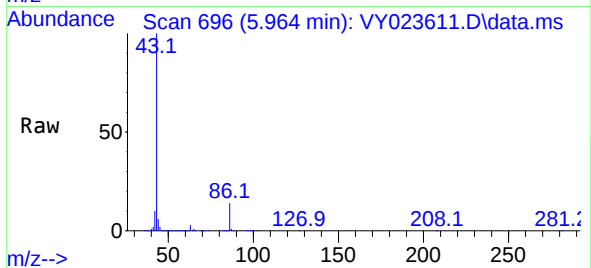
ClientSampleId :

Tgt Ion: 43 Resp: 1518701

Ion Ratio Lower Upper

43 100

86 13.8 10.6 15.8



#24

1,1-Dichloroethane

Concen: 54.407 ug/l

RT: 5.921 min Scan# 689

Delta R.T. 0.006 min

Lab File: VY023611.D

Acq: 29 Oct 2025 09:12

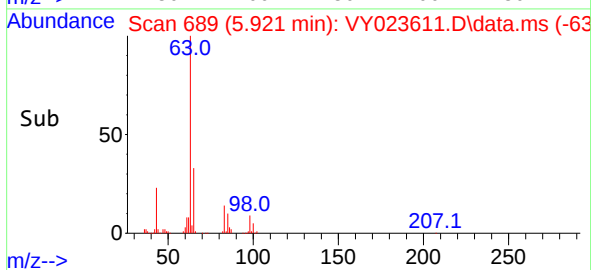
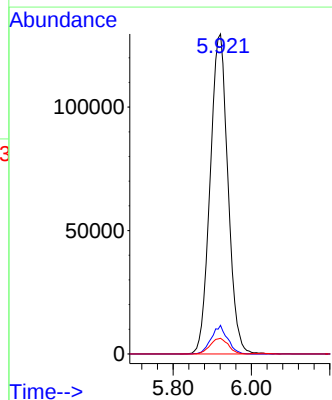
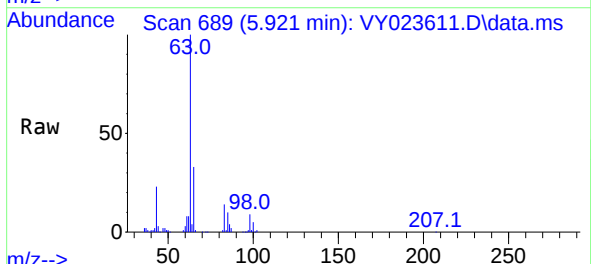
Tgt Ion: 63 Resp: 408054

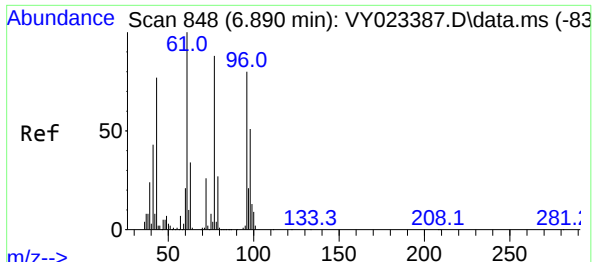
Ion Ratio Lower Upper

63 100

98 9.0 4.3 13.1

100 4.9 2.8 8.4

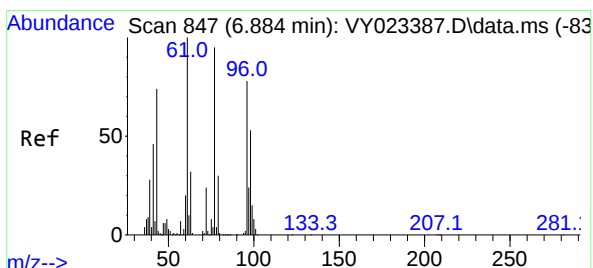
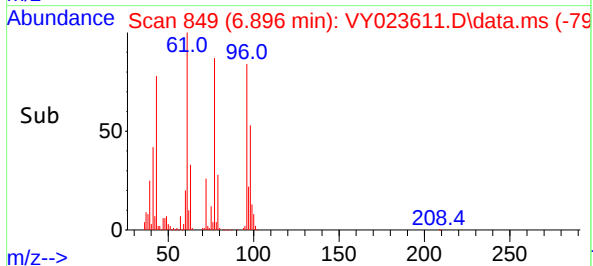
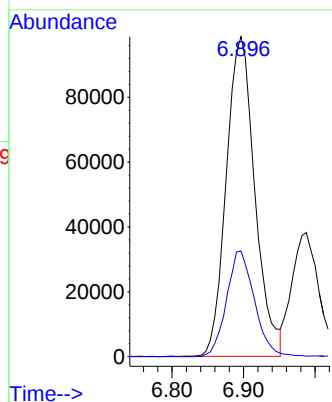
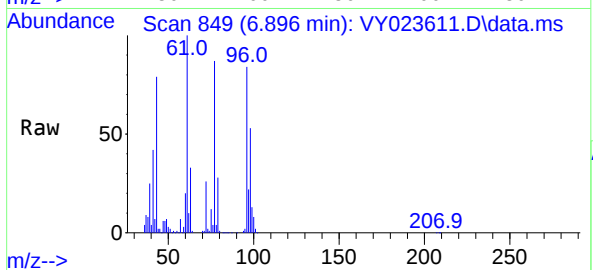




#25
2-Butanone
Concen: 239.171 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

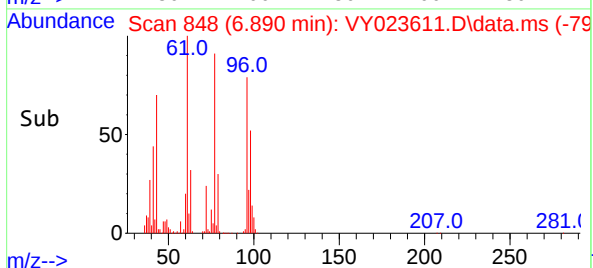
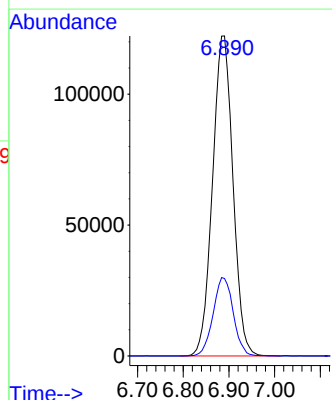
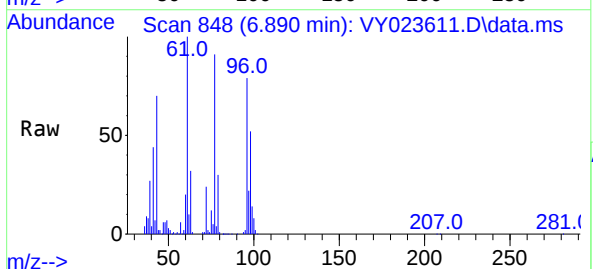
Instrument :
MSVOA_Y
ClientSampleId :

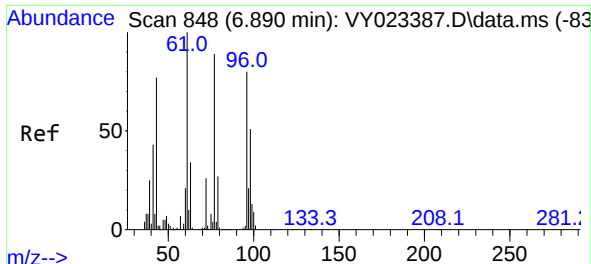
Tgt Ion: 43 Resp: 273695
Ion Ratio Lower Upper
43 100
72 33.1 27.4 41.2



#26
2,2-Dichloropropane
Concen: 55.157 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

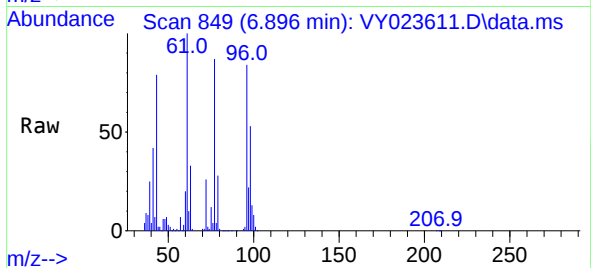
Tgt Ion: 77 Resp: 379590
Ion Ratio Lower Upper
77 100
97 24.1 12.1 36.3



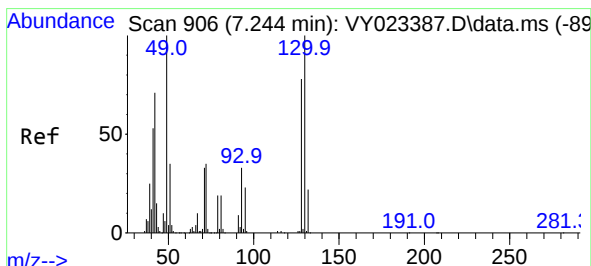
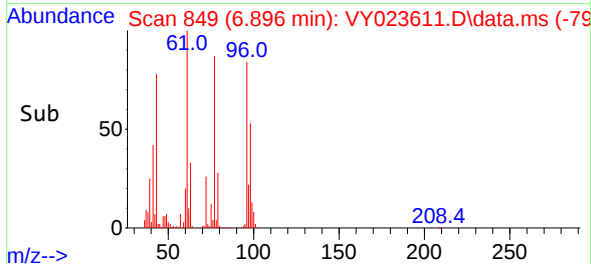
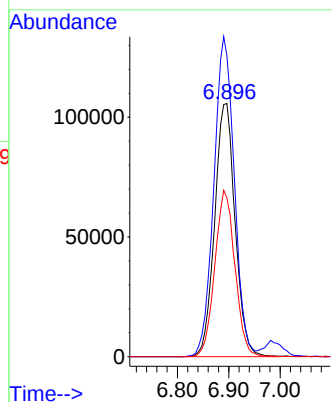


#27
cis-1,2-Dichloroethene
Concen: 54.711 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Instrument :
MSVOA_Y
ClientSampleId :

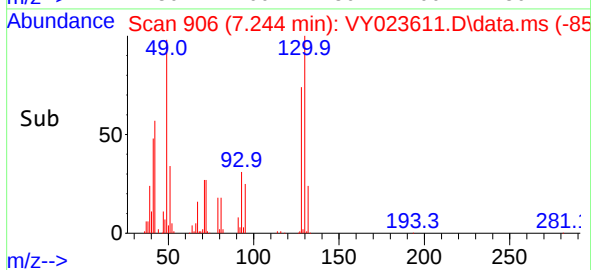
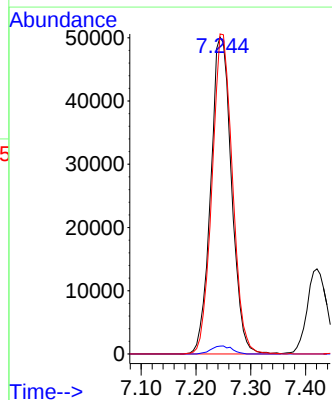
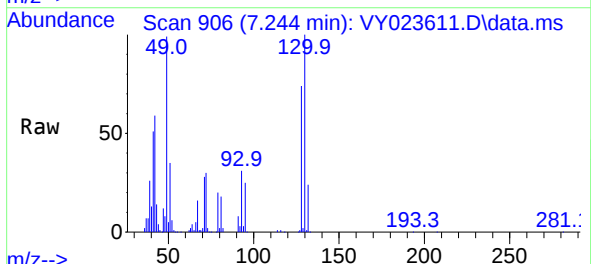


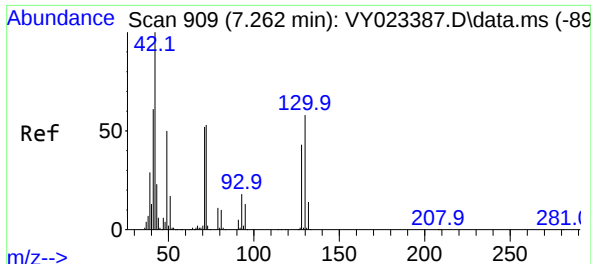
Tgt Ion: 96 Resp: 292237
Ion Ratio Lower Upper
96 100
61 126.1 0.0 258.2
98 64.7 0.0 132.0



#28
Bromochloromethane
Concen: 47.200 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion: 49 Resp: 132155
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.6
130 98.9 81.9 122.9

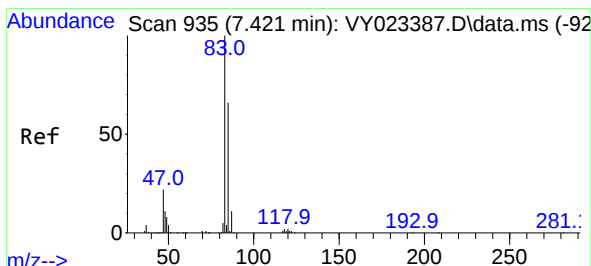
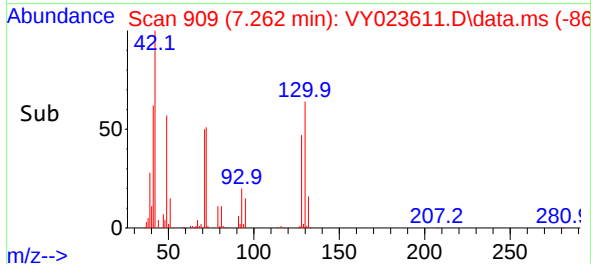
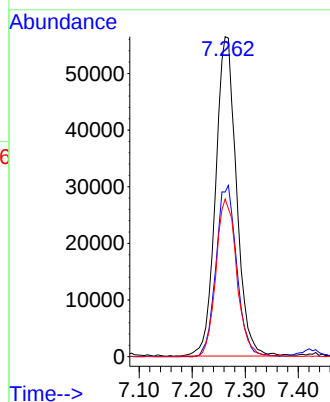
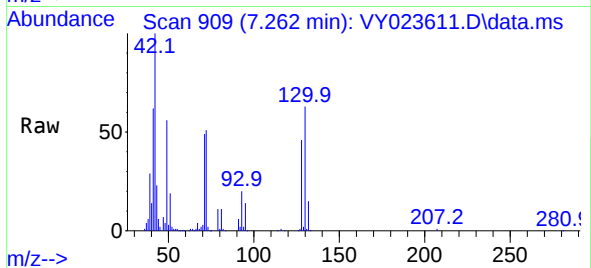




#29
Tetrahydrofuran
Concen: 237.571 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

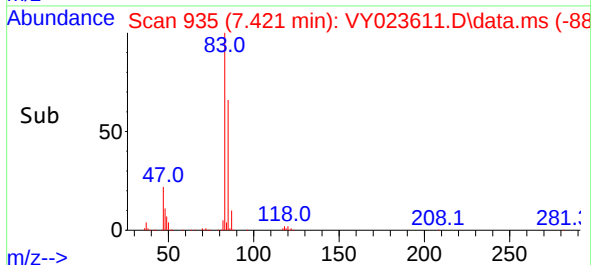
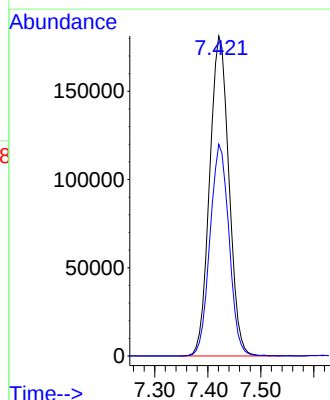
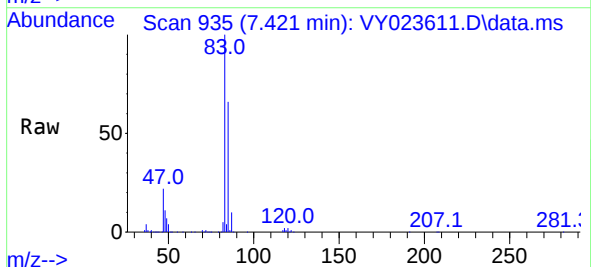
Instrument :
MSVOA_Y
ClientSampleId :

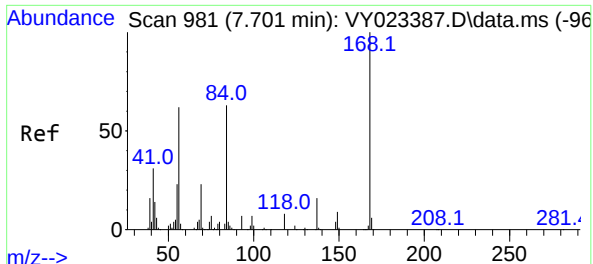
Tgt Ion: 42 Resp: 154166
Ion Ratio Lower Upper
42 100
72 53.5 43.0 64.6
71 49.2 40.1 60.1



#30
Chloroform
Concen: 55.687 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

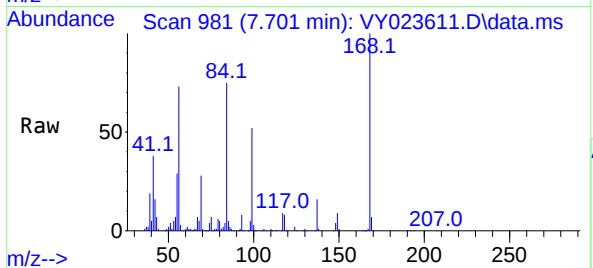
Tgt Ion: 83 Resp: 458871
Ion Ratio Lower Upper
83 100
85 66.2 52.5 78.7



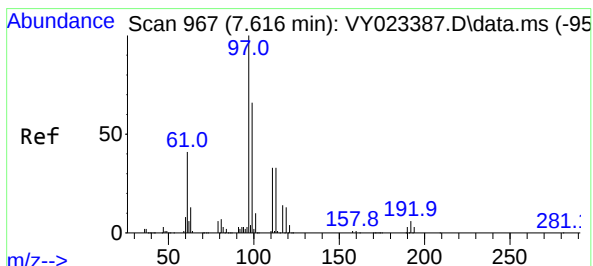
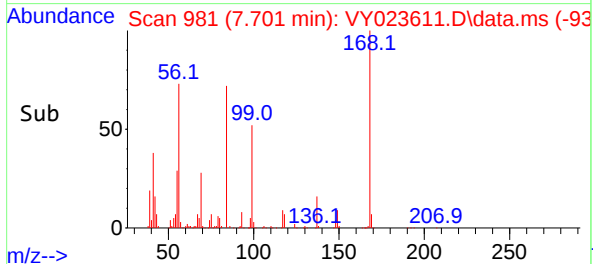
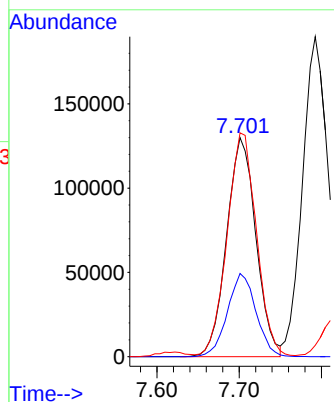


#31
Cyclohexane
Concen: 49.218 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Instrument :
MSVOA_Y
ClientSampleId :

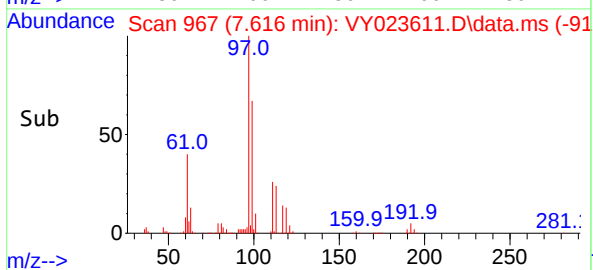
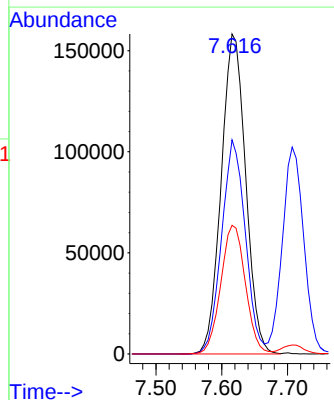
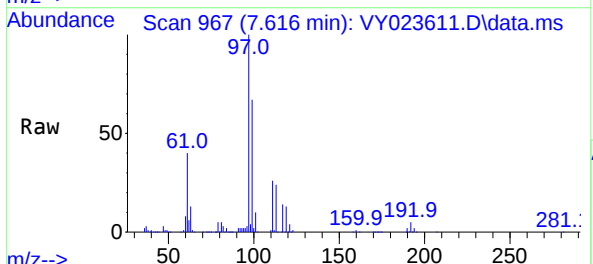


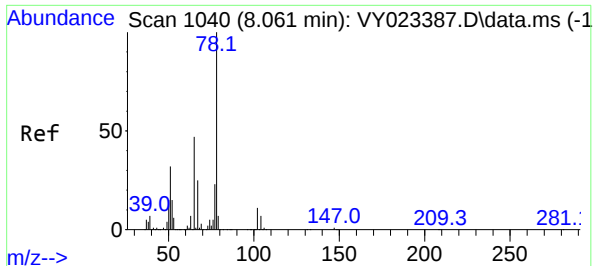
Tgt Ion: 56 Resp: 322364
Ion Ratio Lower Upper
56 100
69 37.9 30.0 45.0
84 100.2 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 54.600 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion: 97 Resp: 408871
Ion Ratio Lower Upper
97 100
99 65.1 51.4 77.2
61 40.6 31.9 47.9

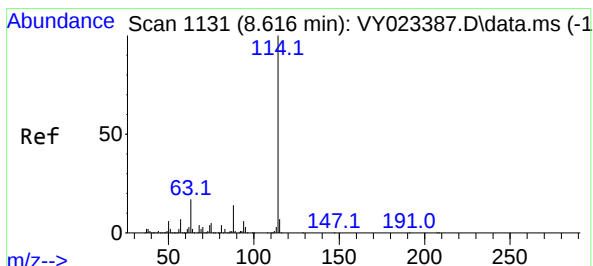
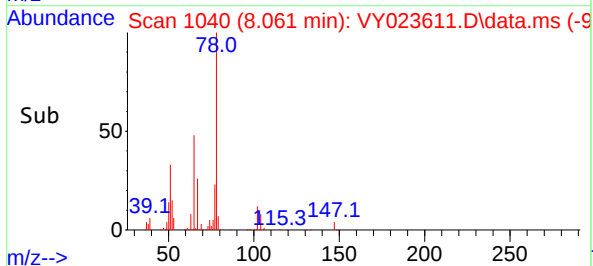
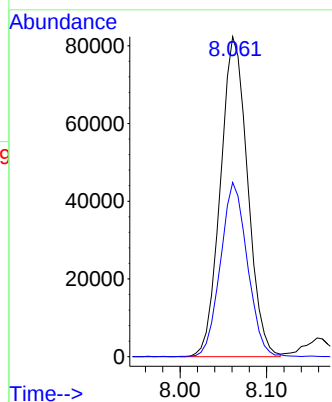
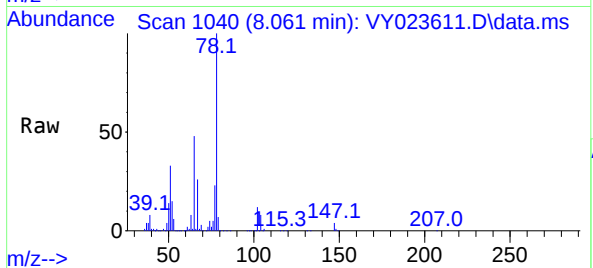




#33
1,2-Dichloroethane-d4
Concen: 45.550 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

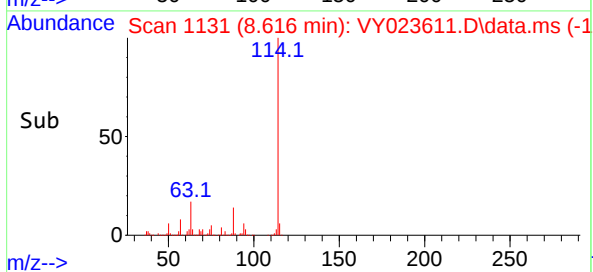
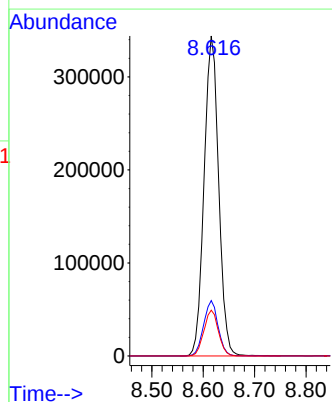
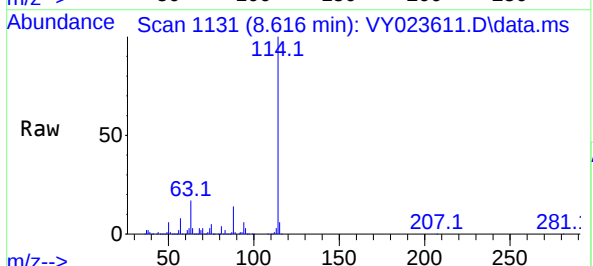
Instrument :
MSVOA_Y
ClientSampleId :

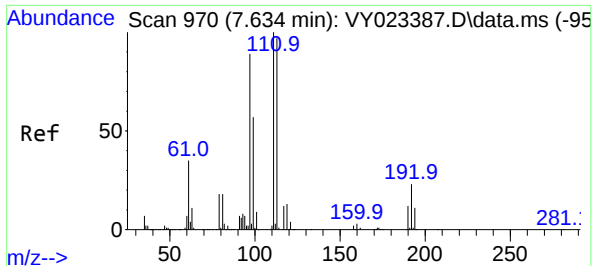
Tgt Ion: 65 Resp: 179345
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion:114 Resp: 675387
Ion Ratio Lower Upper
114 100
63 17.3 0.0 34.2
88 14.3 0.0 28.4

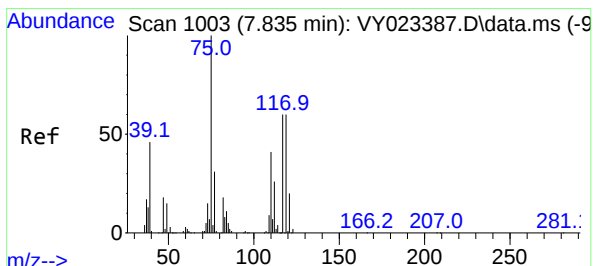
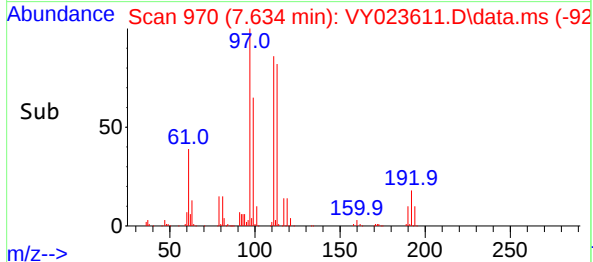
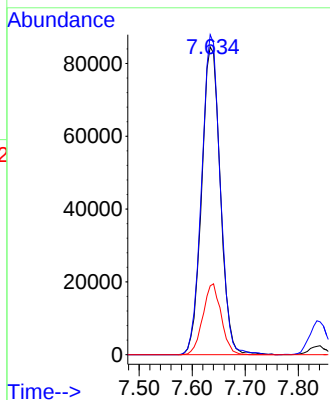
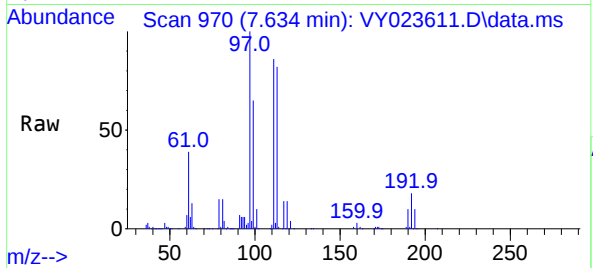




#35
Dibromofluoromethane
Concen: 49.796 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

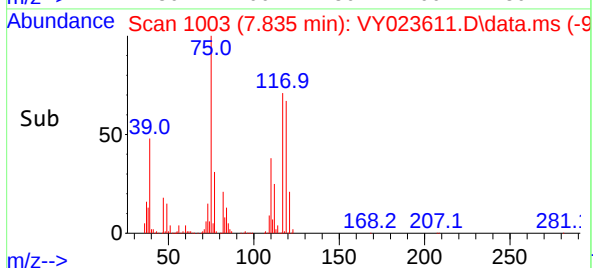
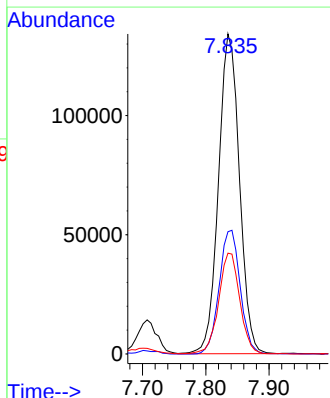
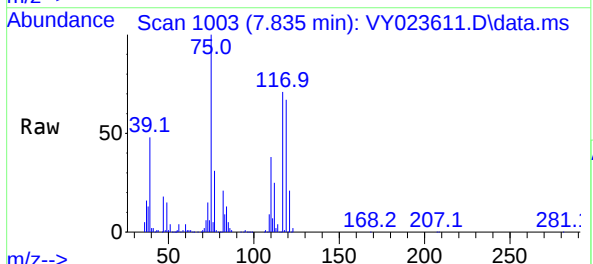
Instrument :
MSVOA_Y
ClientSampleId :

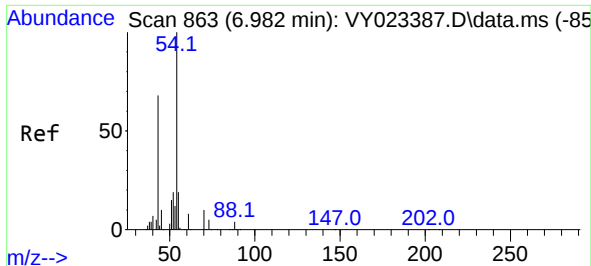
Tgt Ion:113 Resp: 206649
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.6
192 22.5 18.0 27.0



#36
1,1-Dichloropropene
Concen: 56.043 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

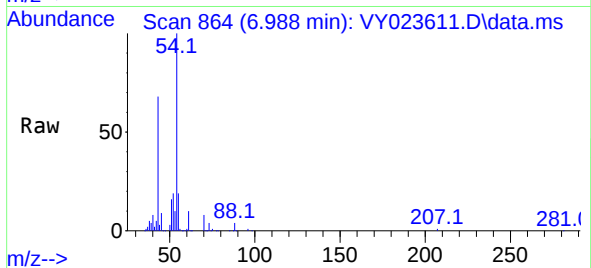
Tgt Ion: 75 Resp: 307905
Ion Ratio Lower Upper
75 100
110 38.9 19.9 59.7
77 31.7 25.0 37.6



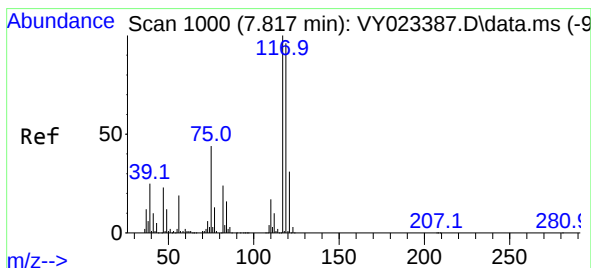
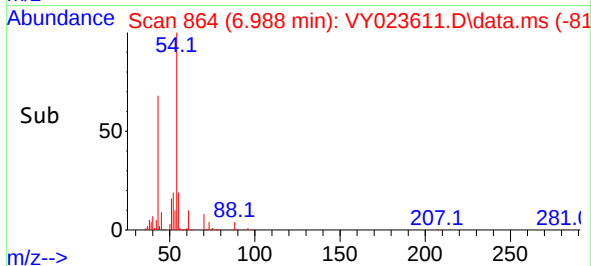
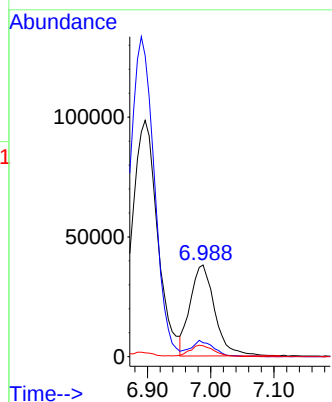


#37
Ethyl Acetate
Concen: 47.091 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Instrument :
MSVOA_Y
ClientSampleId :

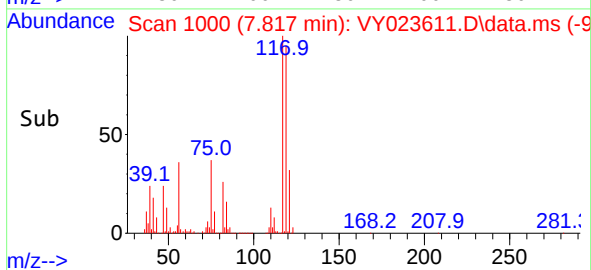
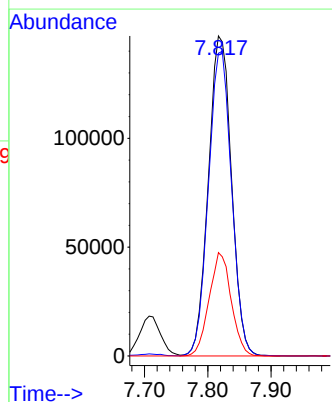
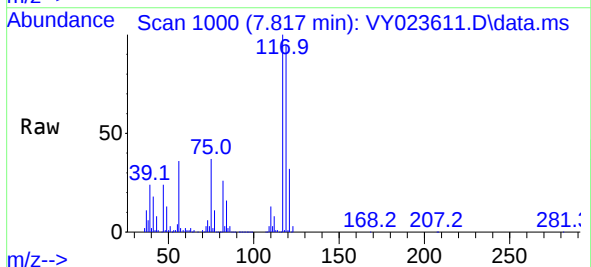


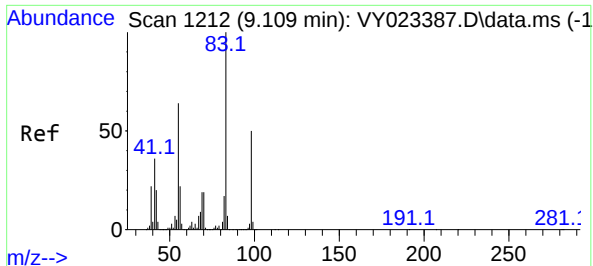
Tgt Ion: 43 Resp: 102499
Ion Ratio Lower Upper
43 100
61 15.5 11.8 17.8
70 12.1 10.5 15.7



#38
Carbon Tetrachloride
Concen: 56.020 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion: 117 Resp: 373199
Ion Ratio Lower Upper
117 100
119 94.6 76.8 115.2
121 32.3 24.5 36.7





#39

Methylcyclohexane

Concen: 54.252 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

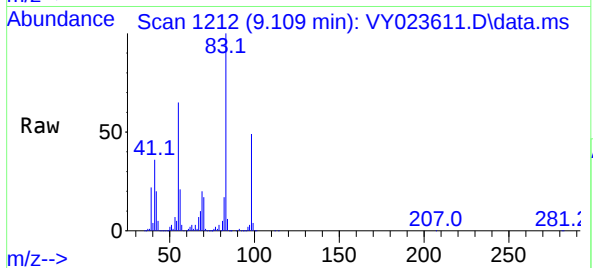
Lab File: VY023611.D

Acq: 29 Oct 2025 09:12

Instrument :

MSVOA_Y

ClientSampleId :



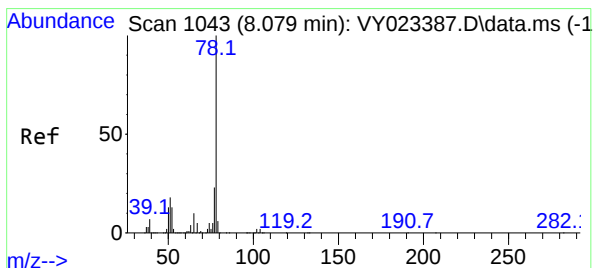
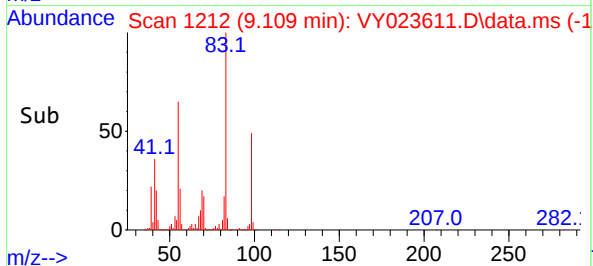
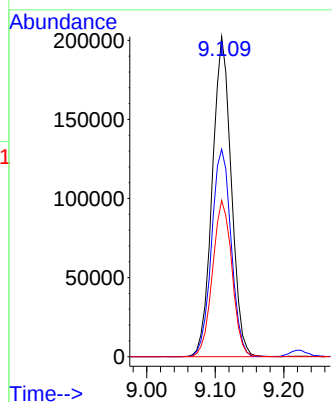
Tgt Ion: 83 Resp: 388087

Ion Ratio Lower Upper

83 100

55 64.8 51.4 77.2

98 48.8 40.4 60.6



#40

Benzene

Concen: 56.021 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY023611.D

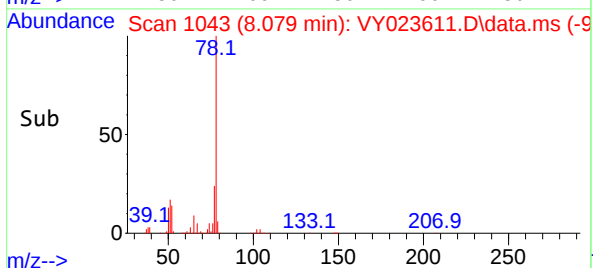
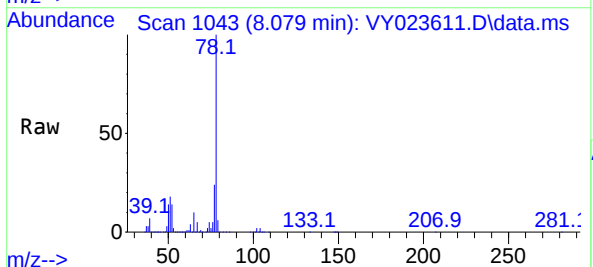
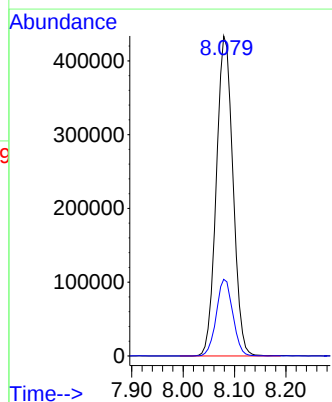
Acq: 29 Oct 2025 09:12

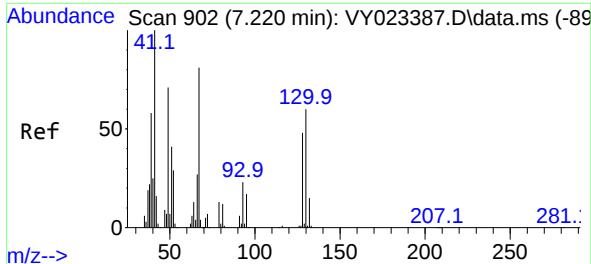
Tgt Ion: 78 Resp: 974732

Ion Ratio Lower Upper

78 100

77 23.9 18.3 27.5

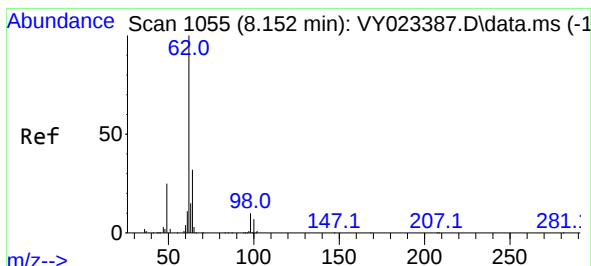
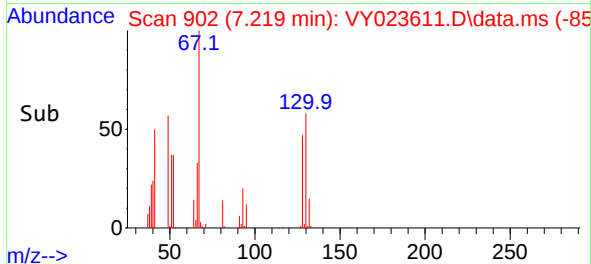
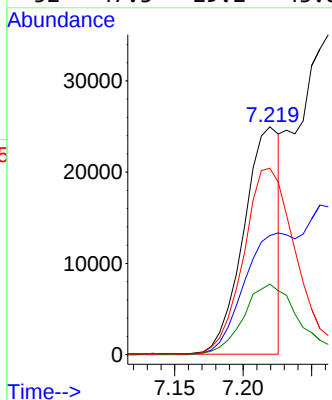
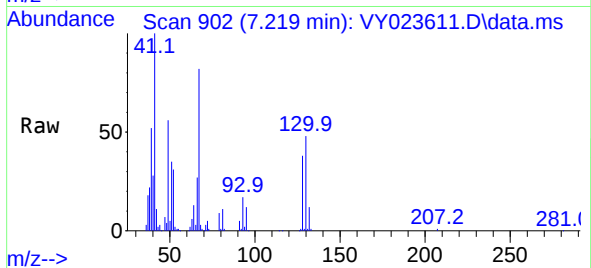




#41
Methacrylonitrile
Concen: 38.841 ug/l
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

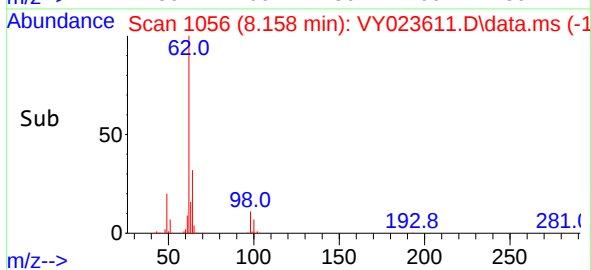
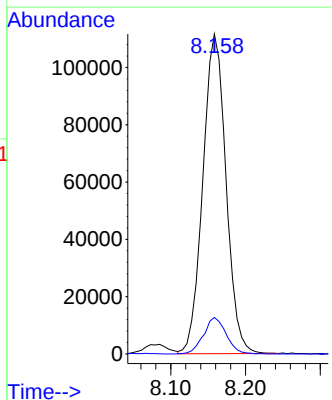
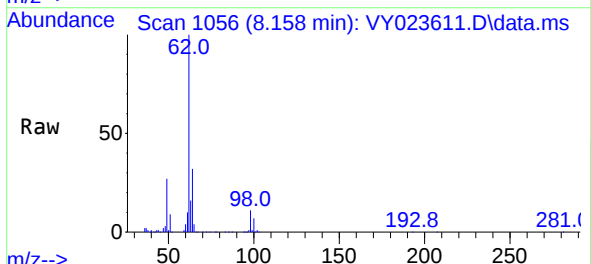
Instrument :
MSVOA_Y
ClientSampleId :

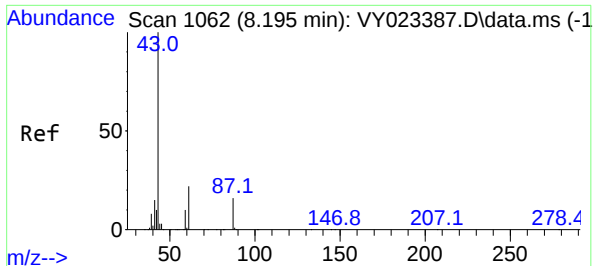
Tgt Ion: 41 Resp: 45723
Ion Ratio Lower Upper
41 100
39 74.5 52.2 78.4
67 120.8 74.9 112.3#
52 47.3 29.2 43.8#



#42
1,2-Dichloroethane
Concen: 53.596 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion: 62 Resp: 240499
Ion Ratio Lower Upper
62 100
98 11.2 0.0 21.6





#43

Isopropyl Acetate

Concen: 48.797 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. -0.000 min

Lab File: VY023611.D

Acq: 29 Oct 2025 09:12

Instrument :

MSVOA_Y

ClientSampleId :

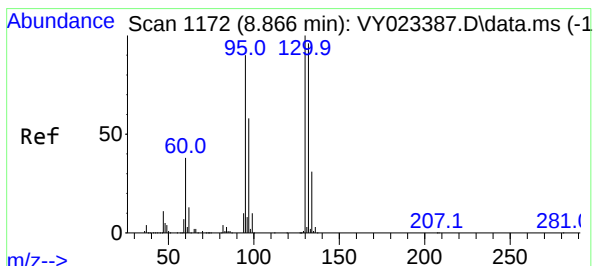
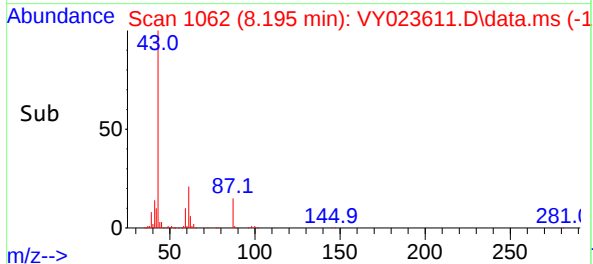
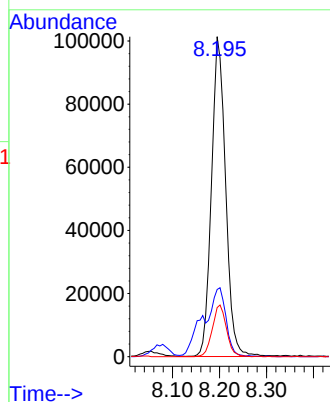
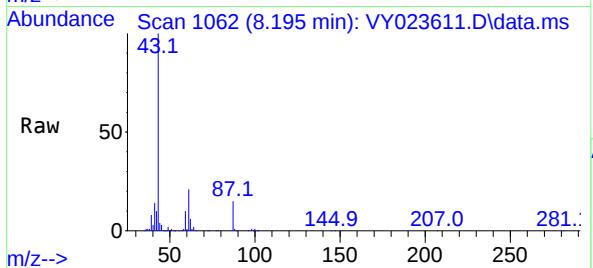
Tgt Ion: 43 Resp: 211787

Ion Ratio Lower Upper

43 100

61 22.6 18.1 27.1

87 16.2 13.5 20.3



#44

Trichloroethene

Concen: 54.649 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY023611.D

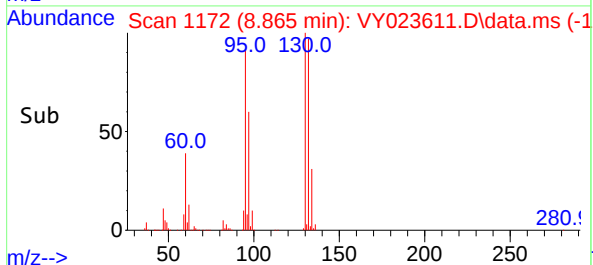
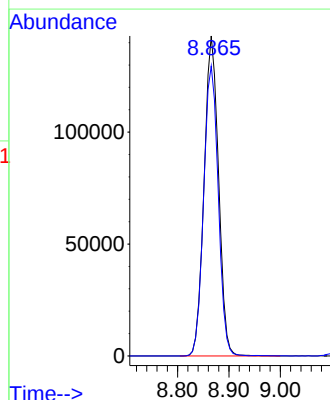
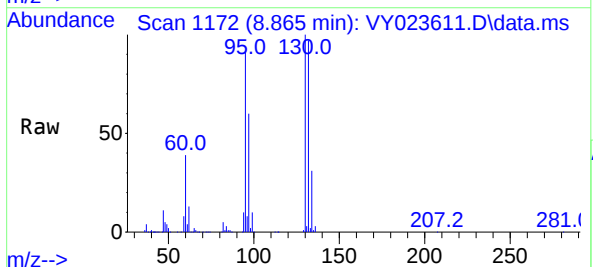
Acq: 29 Oct 2025 09:12

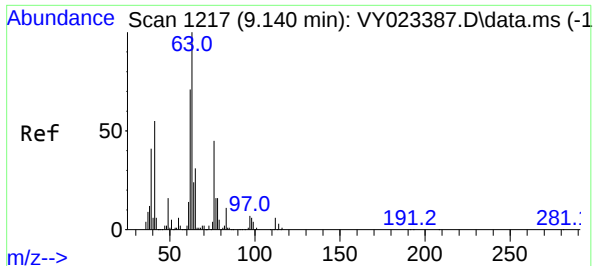
Tgt Ion:130 Resp: 278306

Ion Ratio Lower Upper

130 100

95 90.6 0.0 180.6

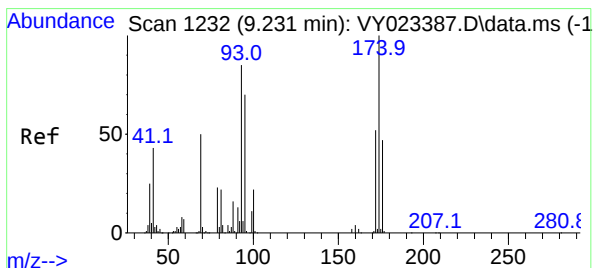
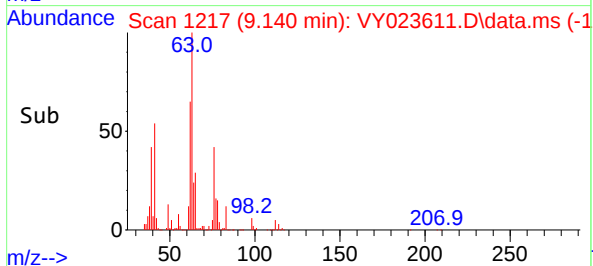
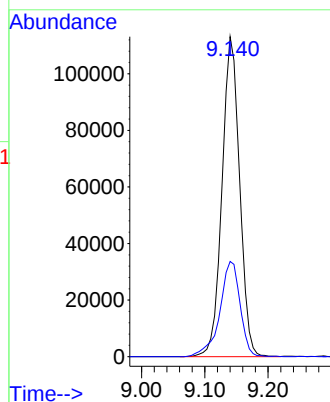
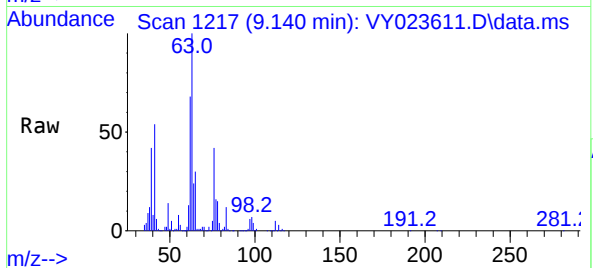




#45
1,2-Dichloropropane
Concen: 56.695 ug/l
RT: 9.140 min Scan# 1217
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

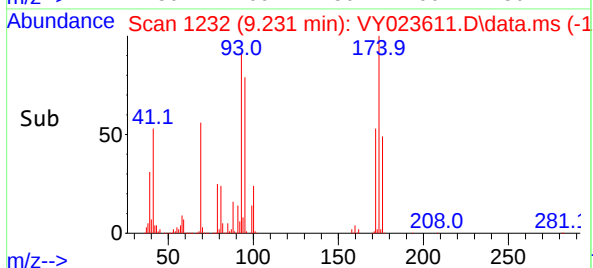
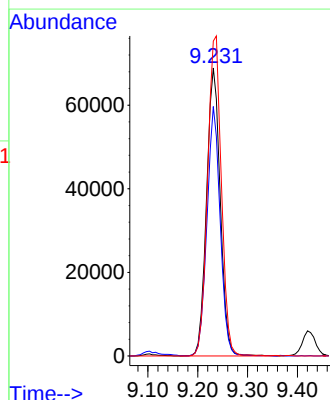
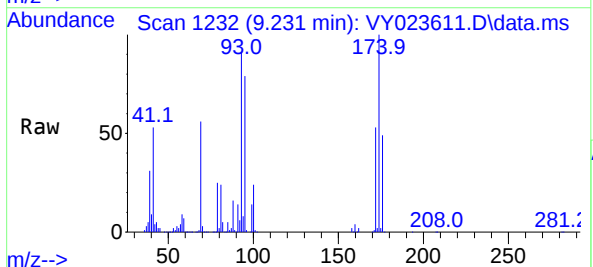
Instrument :
MSVOA_Y
ClientSampleId :

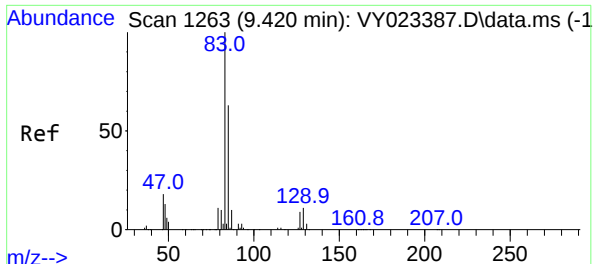
Tgt Ion: 63 Resp: 217885
Ion Ratio Lower Upper
63 100
65 29.8 24.9 37.3



#46
Dibromomethane
Concen: 54.024 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion: 93 Resp: 131285
Ion Ratio Lower Upper
93 100
95 83.7 65.4 98.0
174 112.1 92.9 139.3





#47

Bromodichloromethane

Concen: 56.307 ug/l

RT: 9.426 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023611.D

Acq: 29 Oct 2025 09:12

Instrument :

MSVOA_Y

ClientSampleId :

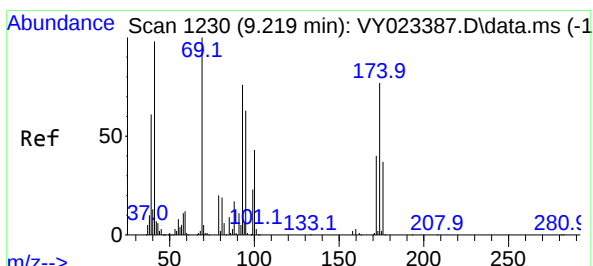
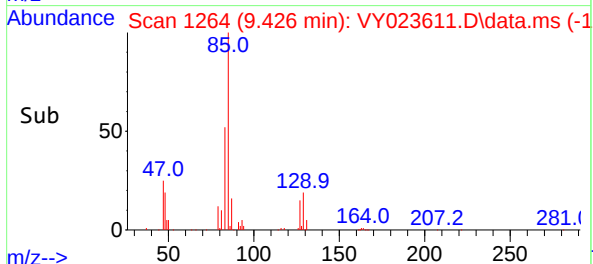
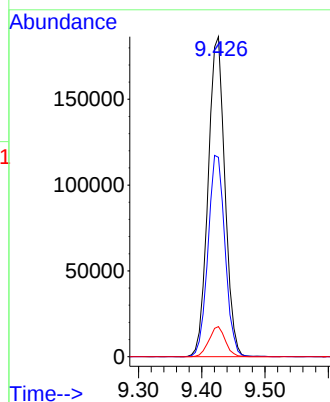
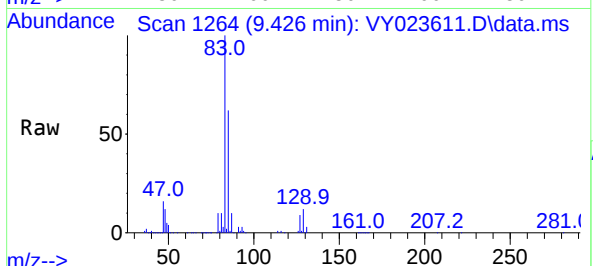
Tgt Ion: 83 Resp: 344619

Ion Ratio Lower Upper

83 100

85 62.3 50.8 76.2

127 9.4 7.4 11.2



#48

Methyl methacrylate

Concen: 50.522 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY023611.D

Acq: 29 Oct 2025 09:12

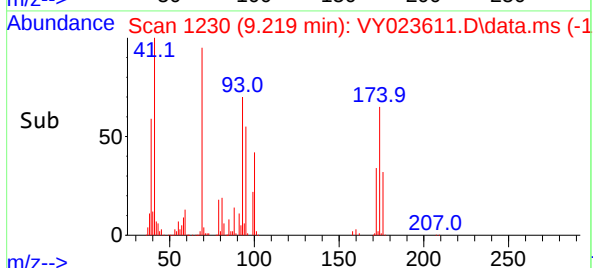
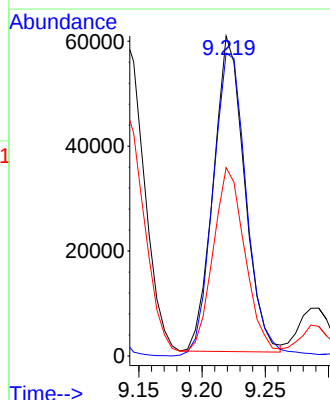
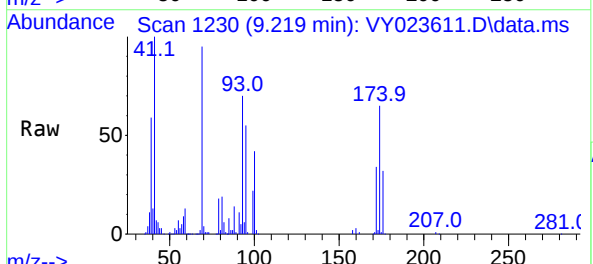
Tgt Ion: 41 Resp: 103013

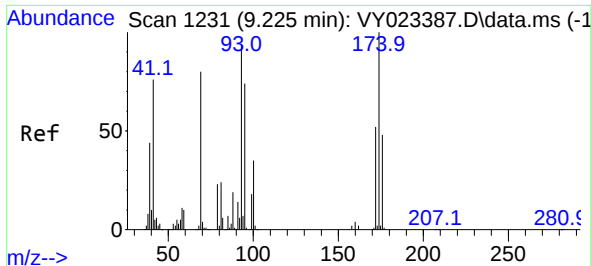
Ion Ratio Lower Upper

41 100

69 104.0 81.0 121.4

39 59.2 48.2 72.4





#49

1,4-Dioxane

Concen: 956.692 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.000 min

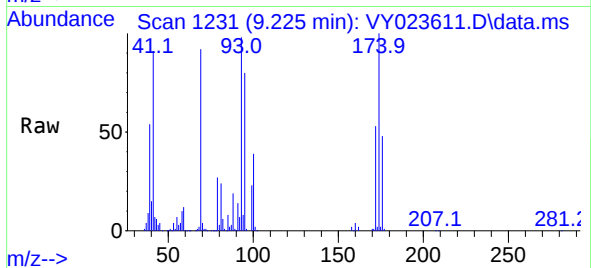
Lab File: VY023611.D

Acq: 29 Oct 2025 09:12

Instrument :

MSVOA_Y

ClientSampleId :



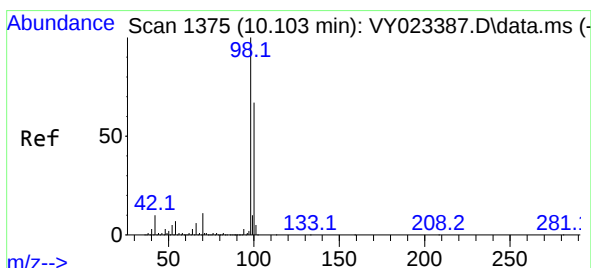
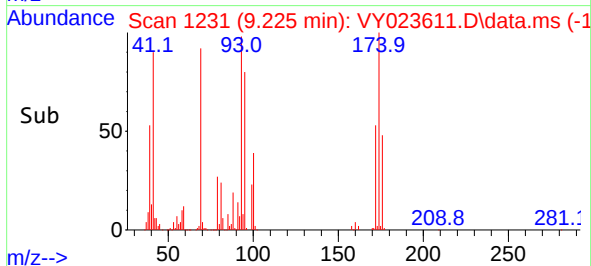
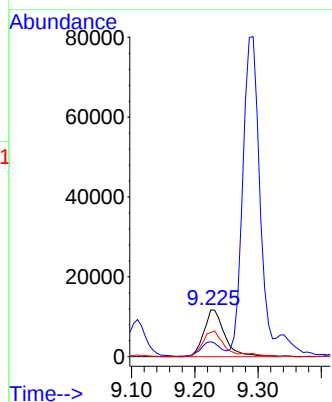
Tgt Ion: 88 Resp: 26955

Ion Ratio Lower Upper

88 100

43 29.2 21.8 32.8

58 54.1 46.8 70.2



#50

Toluene-d8

Concen: 48.733 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023611.D

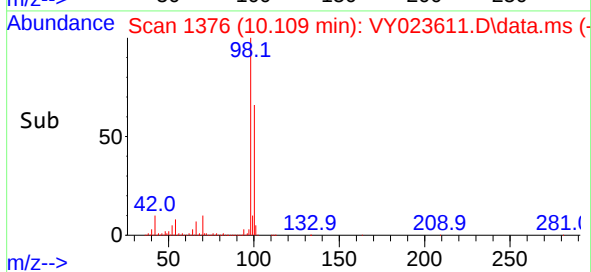
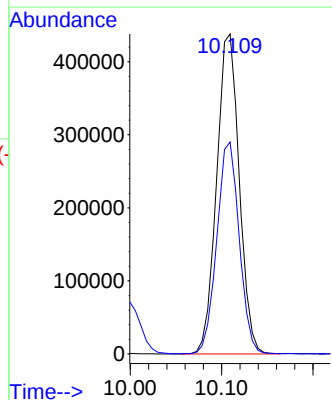
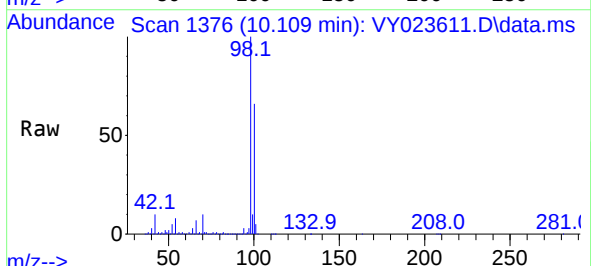
Acq: 29 Oct 2025 09:12

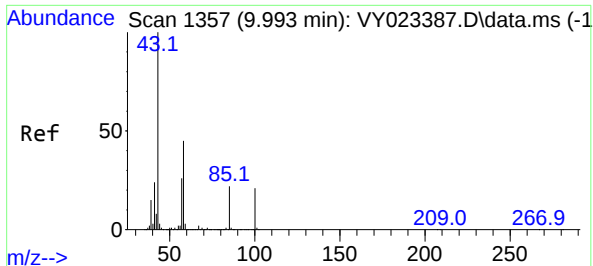
Tgt Ion: 98 Resp: 753161

Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.4

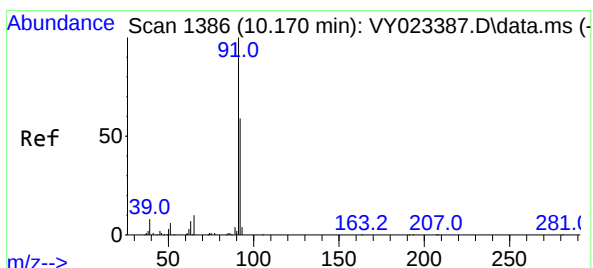
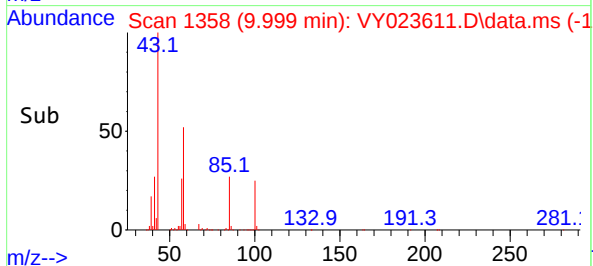
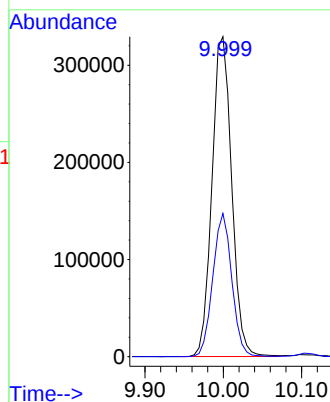
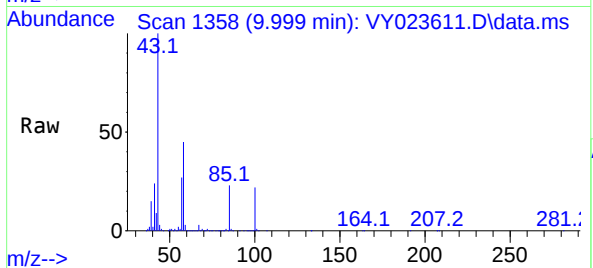




#51
4-Methyl-2-Pentanone
Concen: 256.525 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

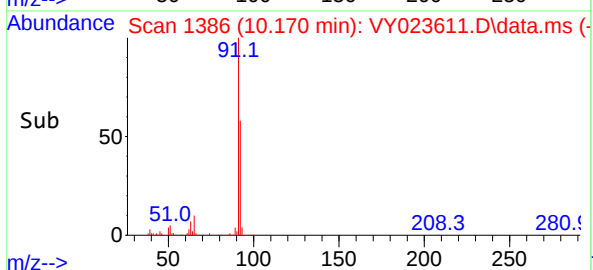
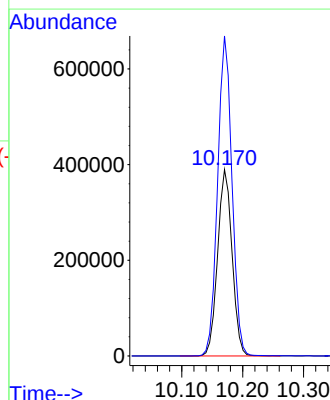
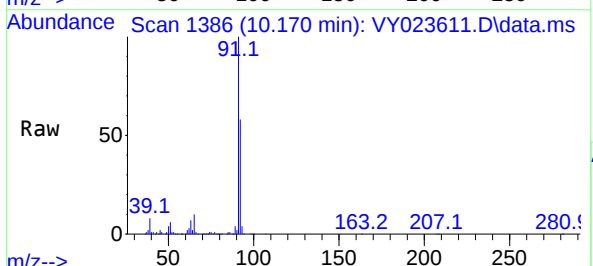
Instrument :
MSVOA_Y
ClientSampleId :

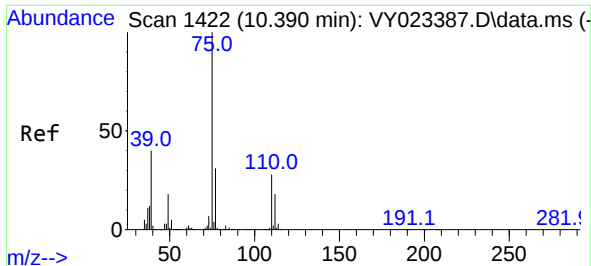
Tgt Ion: 43 Resp: 575238
Ion Ratio Lower Upper
43 100
58 43.2 35.3 52.9



#52
Toluene
Concen: 56.797 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion: 92 Resp: 641642
Ion Ratio Lower Upper
92 100
91 170.2 136.4 204.6

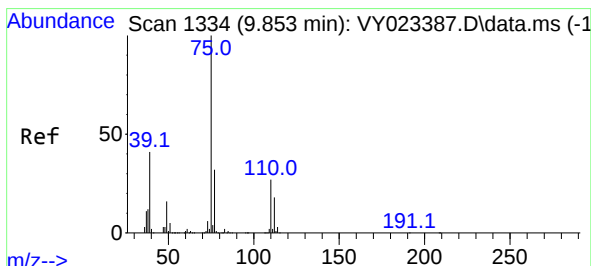
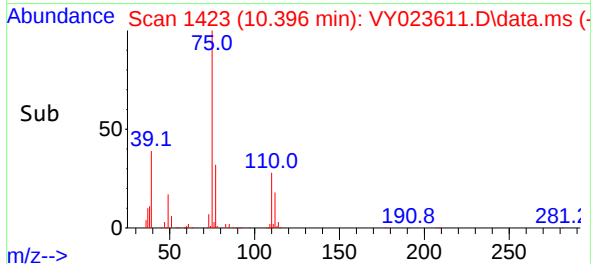
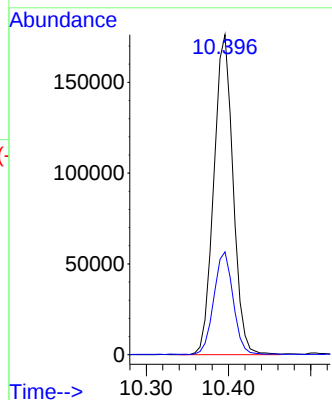
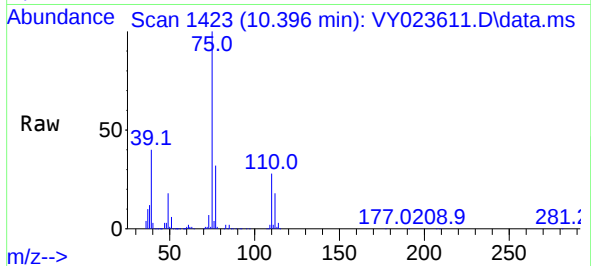




#53
t-1,3-Dichloropropene
Concen: 53.834 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

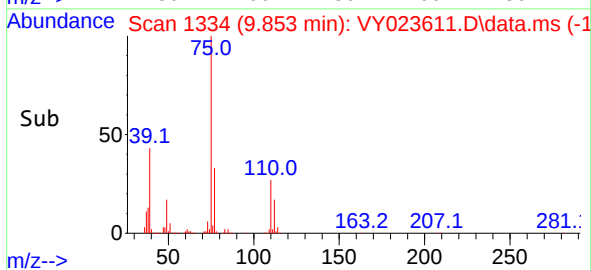
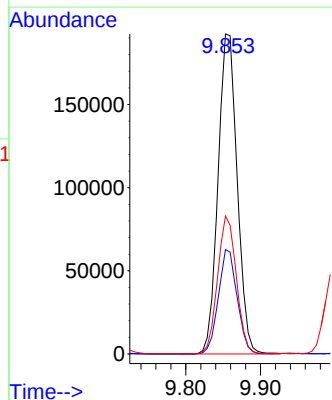
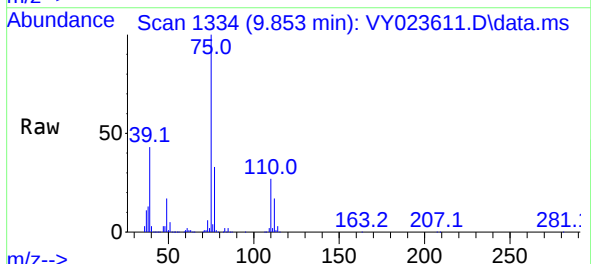
Instrument :
MSVOA_Y
ClientSampleId :

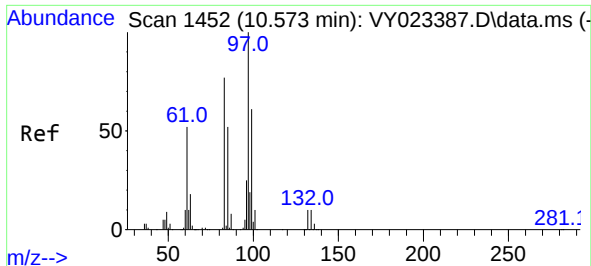
Tgt Ion: 75 Resp: 286487
Ion Ratio Lower Upper
75 100
77 32.1 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 54.555 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

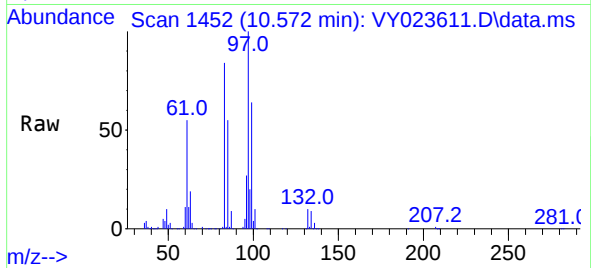
Tgt Ion: 75 Resp: 342654
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0
39 43.0 32.8 49.2





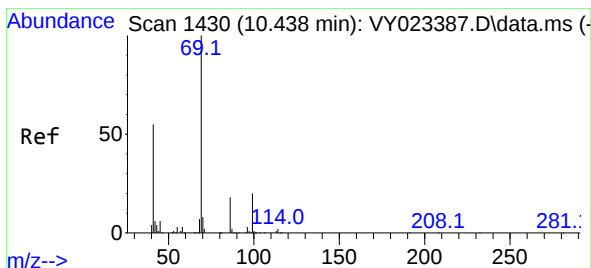
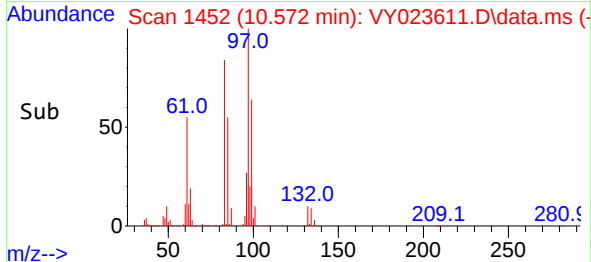
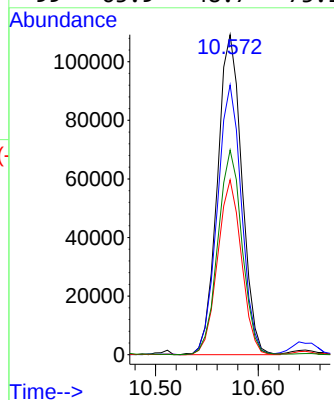
#55
1,1,2-Trichloroethane
Concen: 55.249 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 97 Resp: 180546

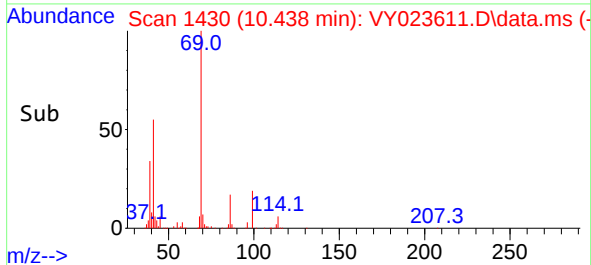
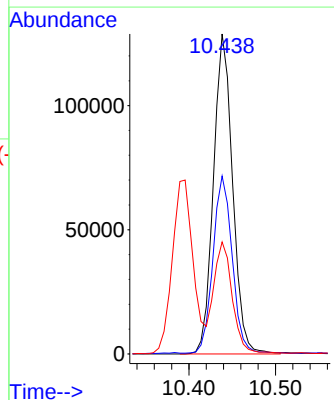
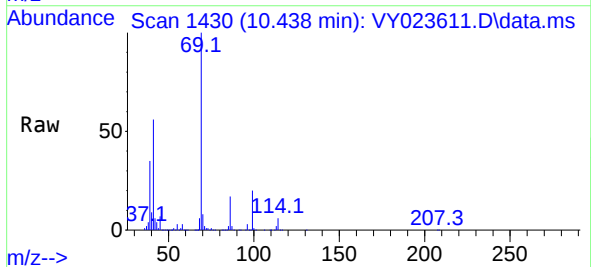
Ion	Ratio	Lower	Upper
97	100		
83	84.3	61.8	92.6
85	54.7	41.3	61.9
99	63.9	48.7	73.1

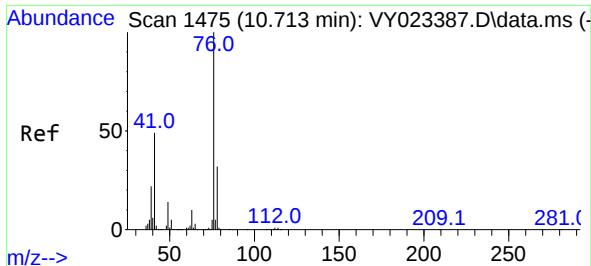


#56
Ethyl methacrylate
Concen: 52.588 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion: 69 Resp: 198232

Ion	Ratio	Lower	Upper
69	100		
41	55.6	44.6	67.0
39	33.2	27.0	40.4





#57

1,3-Dichloropropane

Concen: 54.348 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY023611.D

Acq: 29 Oct 2025 09:12

Instrument :

MSVOA_Y

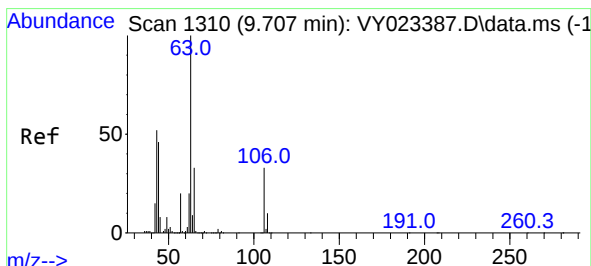
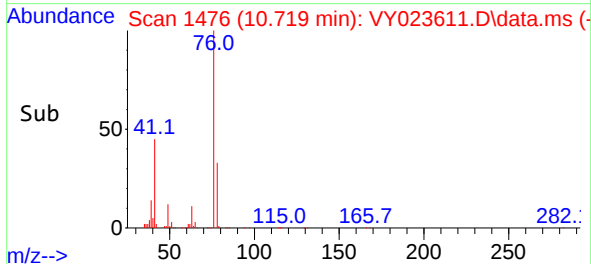
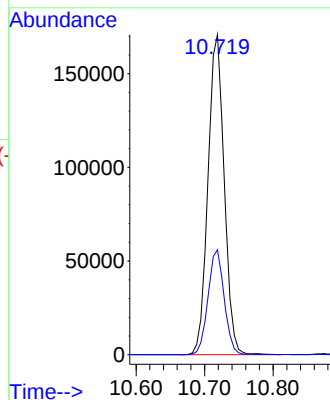
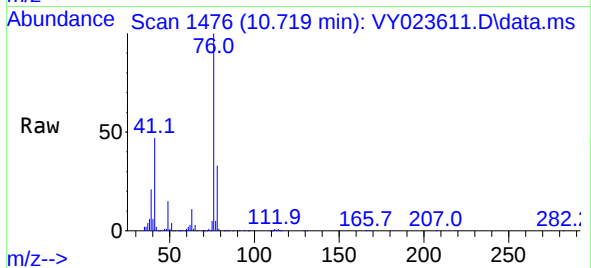
ClientSampleId :

Tgt Ion: 76 Resp: 281433

Ion Ratio Lower Upper

76 100

78 32.7 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 258.945 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023611.D

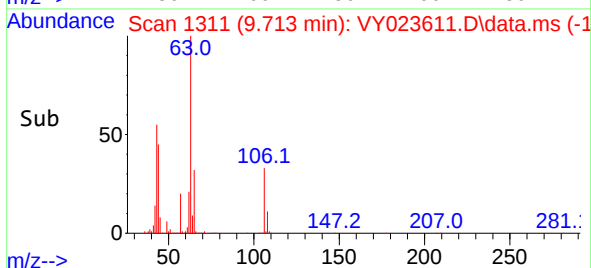
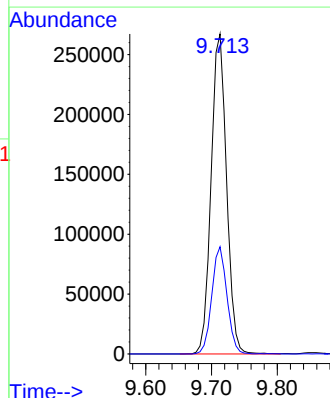
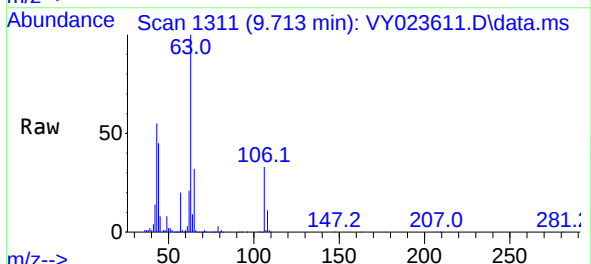
Acq: 29 Oct 2025 09:12

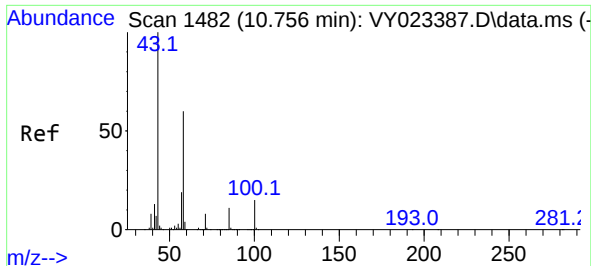
Tgt Ion: 63 Resp: 437268

Ion Ratio Lower Upper

63 100

106 32.8 26.6 39.8

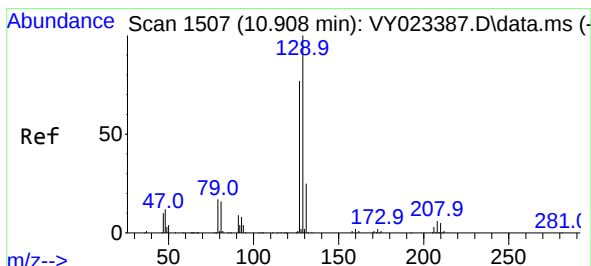
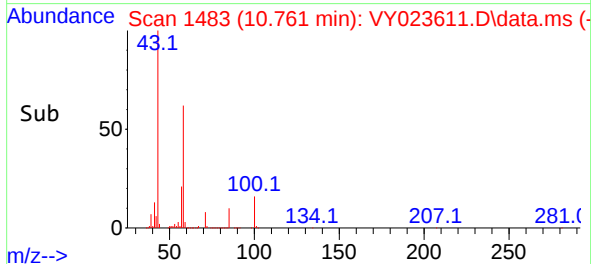
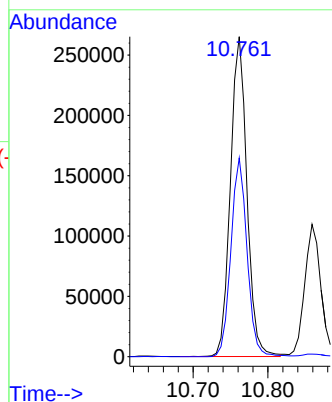
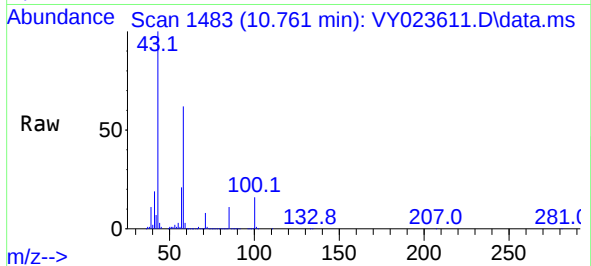




#59
2-Hexanone
Concen: 254.118 ug/l
RT: 10.761 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

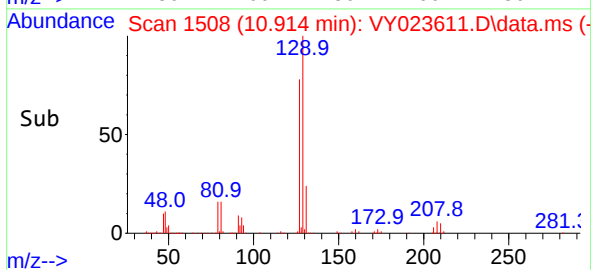
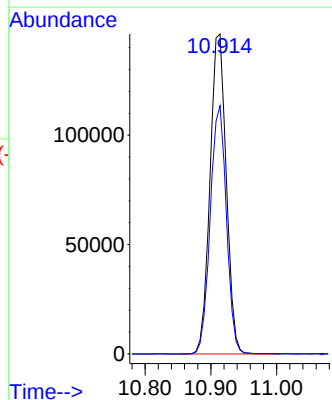
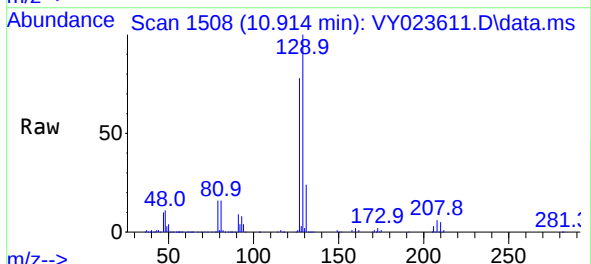
Instrument :
MSVOA_Y
ClientSampleId :

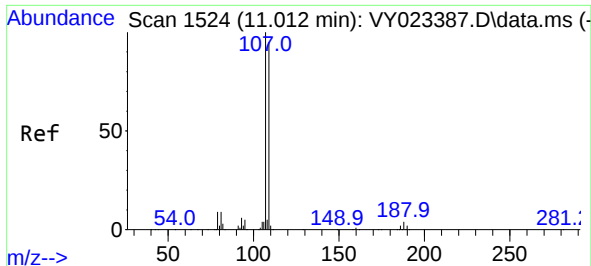
Tgt Ion: 43 Resp: 407233
Ion Ratio Lower Upper
43 100
58 61.1 30.5 91.5



#60
Dibromochloromethane
Concen: 54.935 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion: 129 Resp: 251692
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.7

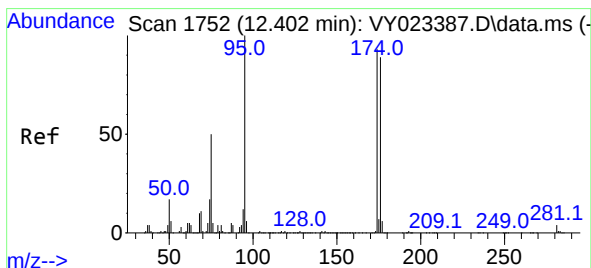
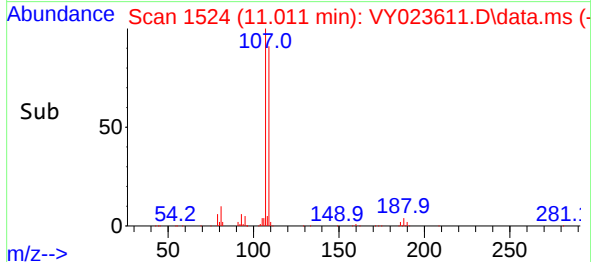
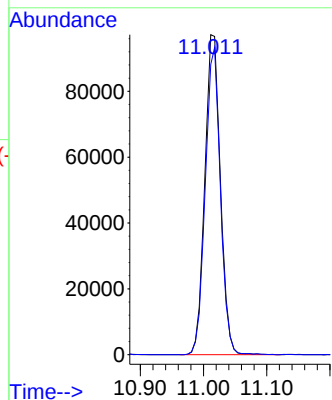
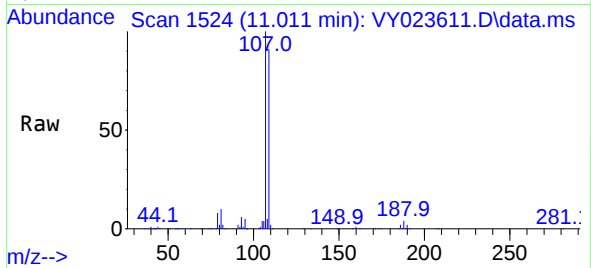




#61
1,2-Dibromoethane
Concen: 53.577 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

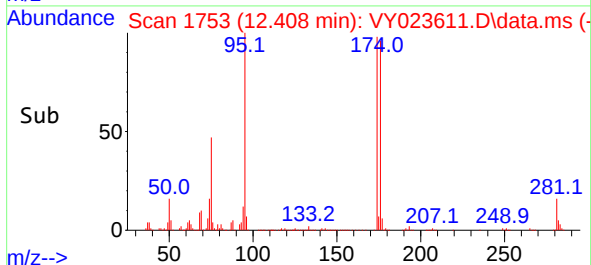
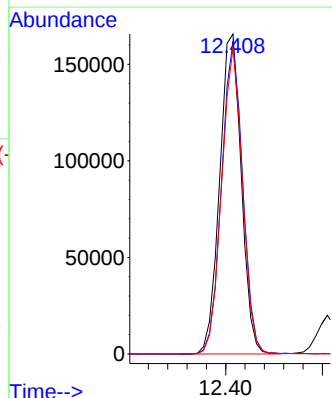
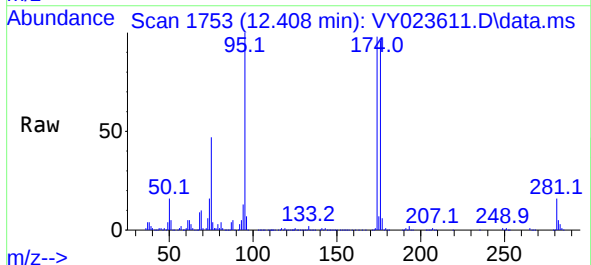
Instrument :
MSVOA_Y
ClientSampleId :

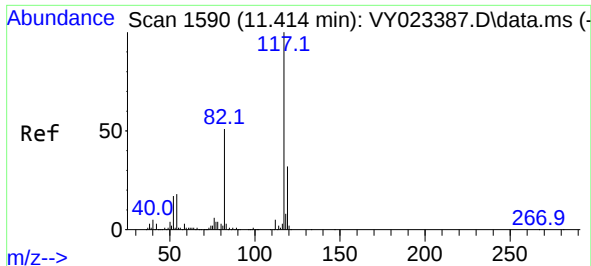
Tgt Ion:107 Resp: 166977
Ion Ratio Lower Upper
107 100
109 93.1 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 50.350 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion: 95 Resp: 256905
Ion Ratio Lower Upper
95 100
174 95.0 0.0 192.8
176 91.8 0.0 187.6

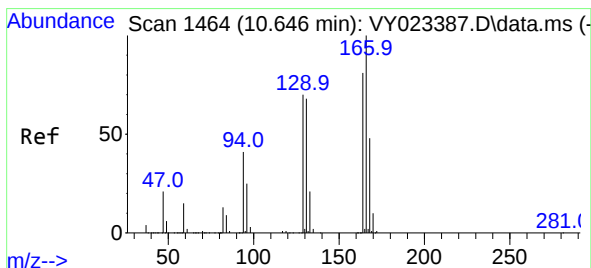
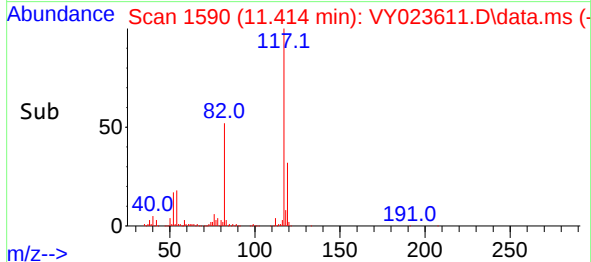
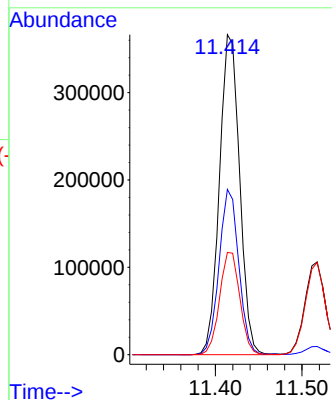
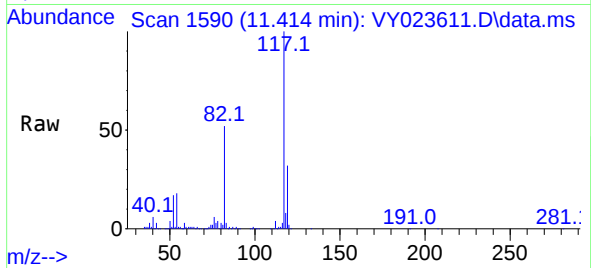




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

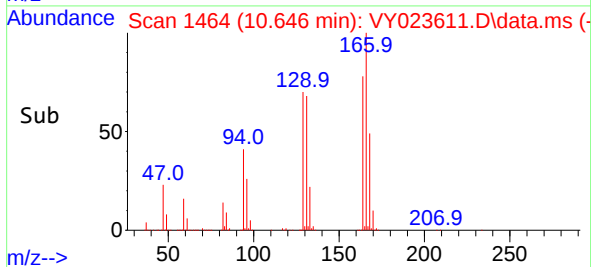
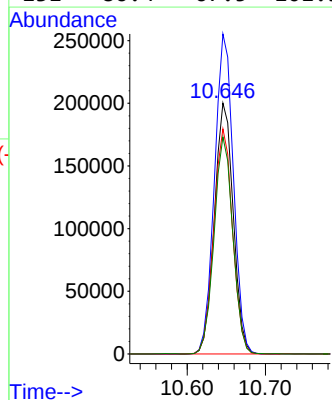
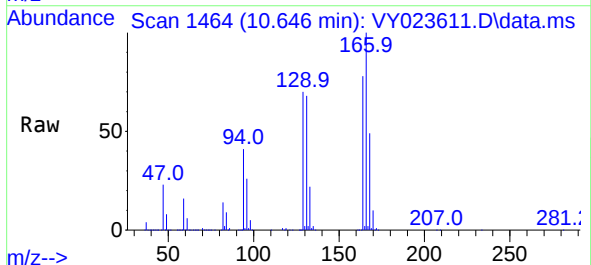
Instrument :
MSVOA_Y
ClientSampleId :

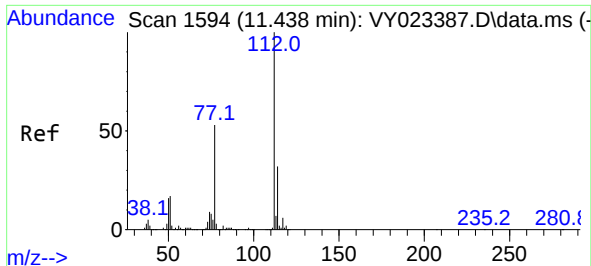
Tgt Ion:117 Resp: 593203
Ion Ratio Lower Upper
117 100
82 51.7 41.0 61.4
119 31.9 25.6 38.4



#64
Tetrachloroethene
Concen: 54.750 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion:164 Resp: 335349
Ion Ratio Lower Upper
164 100
166 127.5 99.4 149.0
129 89.7 69.4 104.2
131 86.4 67.5 101.3

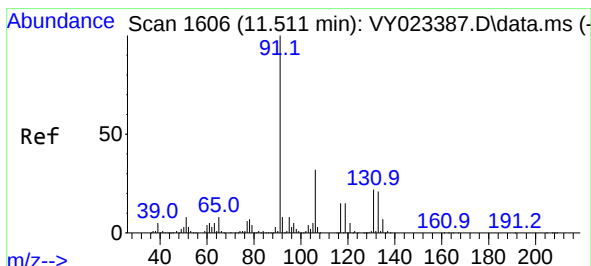
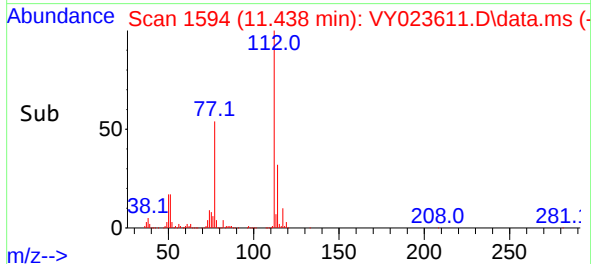
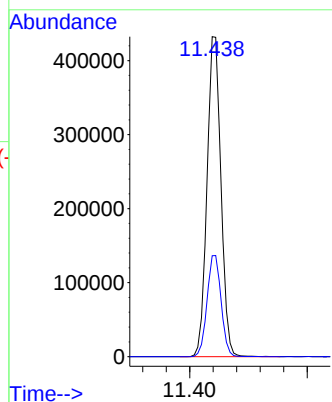
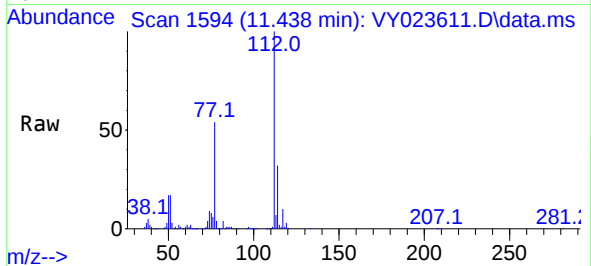




#65
Chlorobenzene
Concen: 55.143 ug/l
RT: 11.438 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

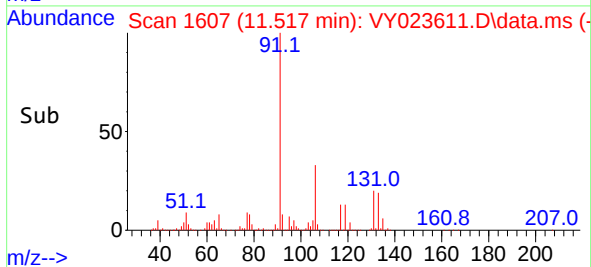
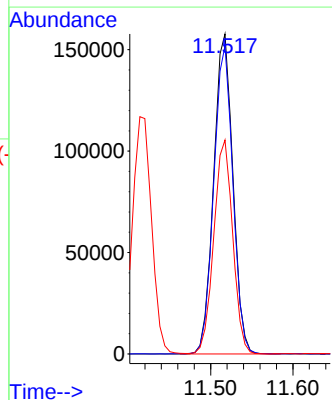
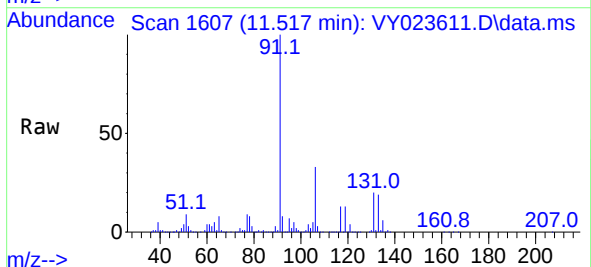
Instrument :
MSVOA_Y
ClientSampleId :

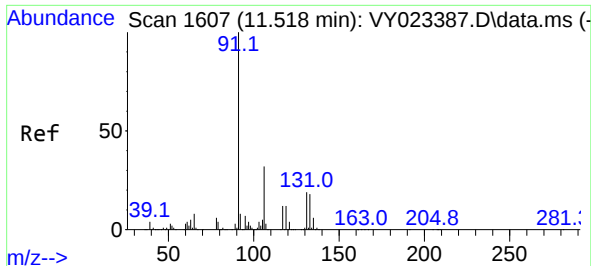
Tgt Ion:112 Resp: 711442
Ion Ratio Lower Upper
112 100
114 31.6 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 55.703 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion:131 Resp: 256102
Ion Ratio Lower Upper
131 100
133 95.8 48.4 145.2
119 65.9 32.4 97.2





#67

Ethyl Benzene

Concen: 57.871 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023611.D

Acq: 29 Oct 2025 09:12

Instrument :

MSVOA_Y

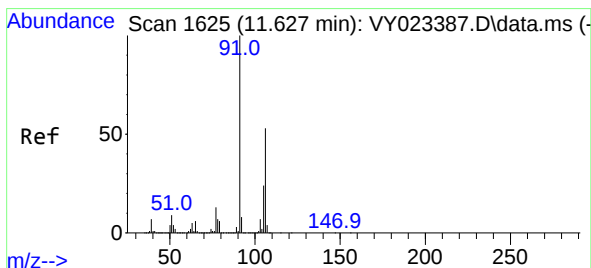
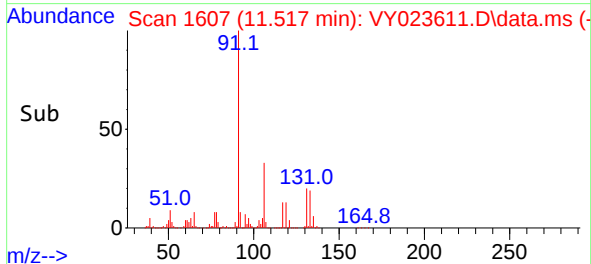
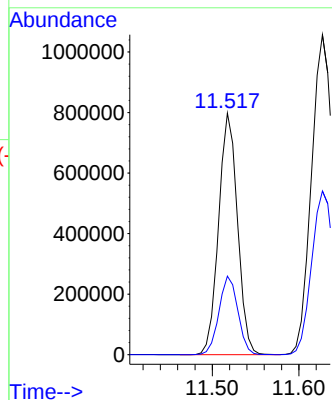
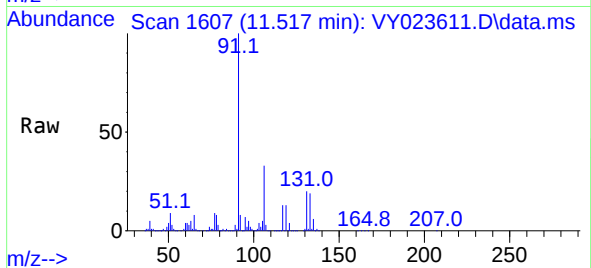
ClientSampleId :

Tgt Ion: 91 Resp: 1208583

Ion Ratio Lower Upper

91 100

106 32.5 25.8 38.8



#68

m/p-Xylenes

Concen: 116.670 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023611.D

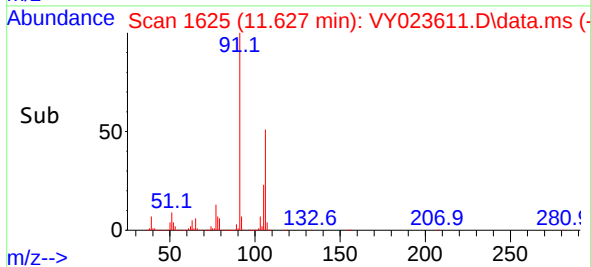
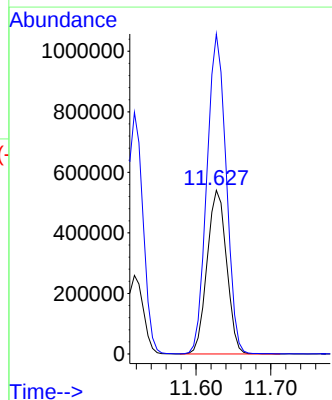
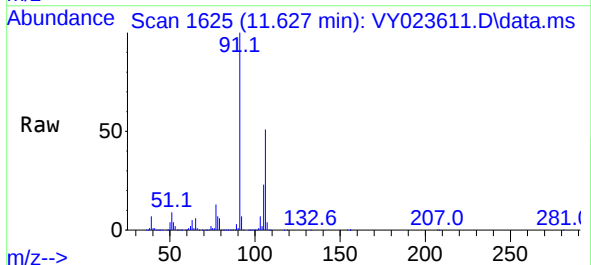
Acq: 29 Oct 2025 09:12

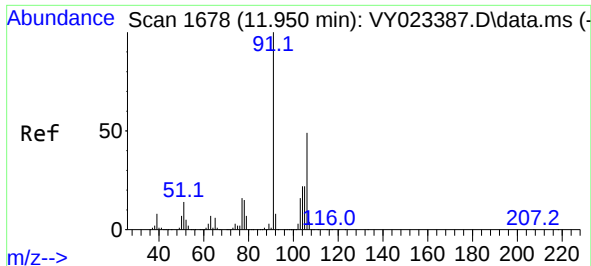
Tgt Ion:106 Resp: 977299

Ion Ratio Lower Upper

106 100

91 193.8 152.6 229.0

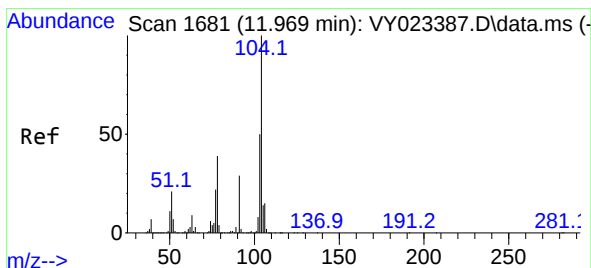
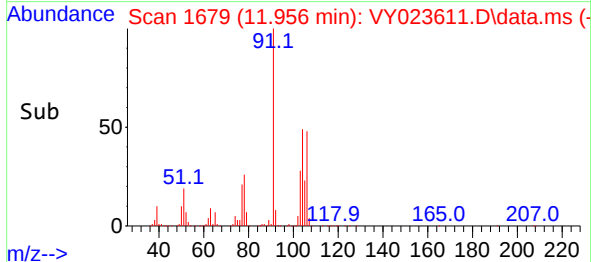
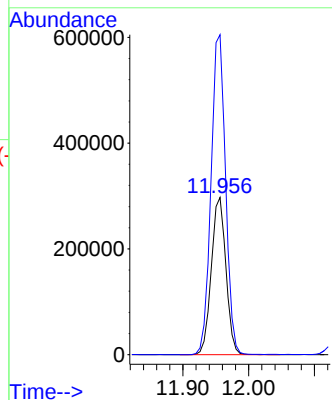
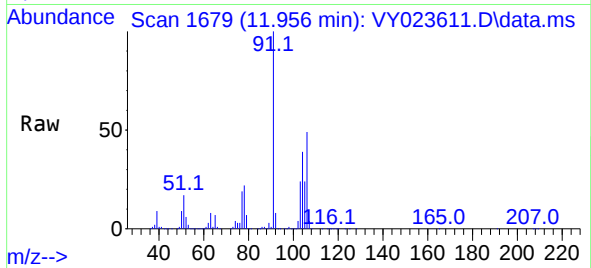




#69
o-Xylene
Concen: 58.372 ug/l
RT: 11.956 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

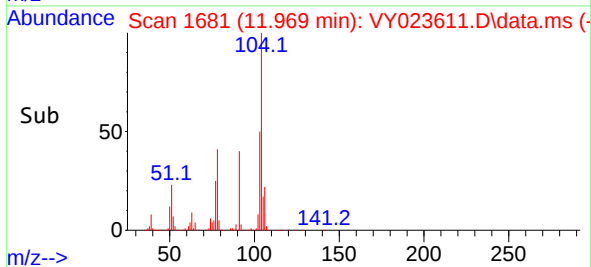
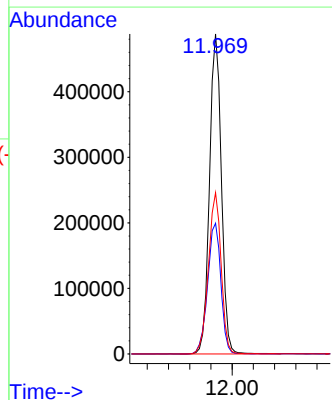
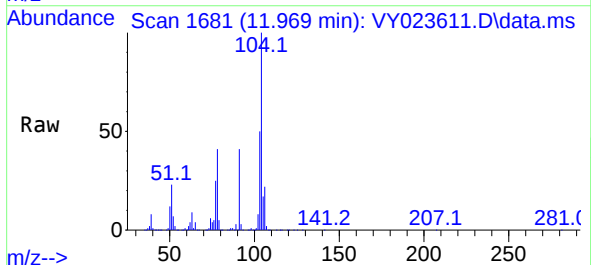
Instrument :
MSVOA_Y
ClientSampleId :

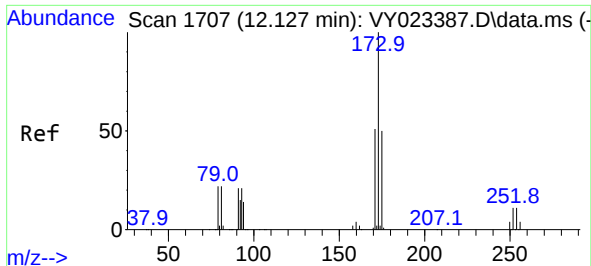
Tgt Ion:106 Resp: 458629
Ion Ratio Lower Upper
106 100
91 202.9 101.4 304.1



#70
Styrene
Concen: 58.725 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion:104 Resp: 758755
Ion Ratio Lower Upper
104 100
78 45.5 36.1 54.1
103 54.2 43.2 64.8

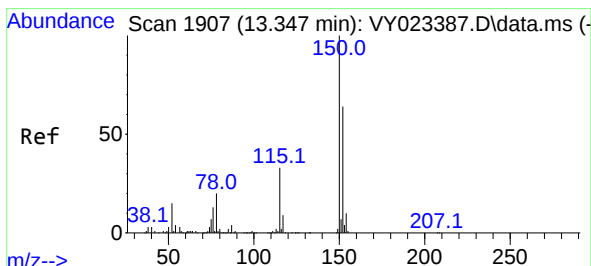
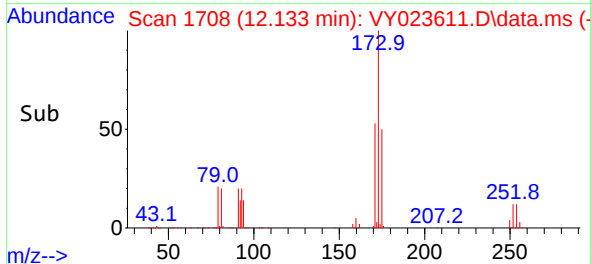
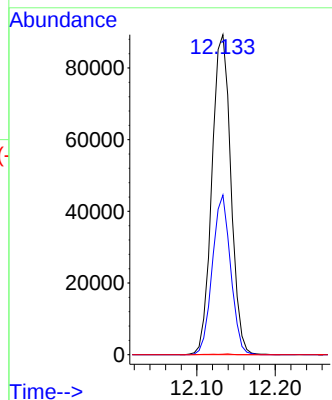
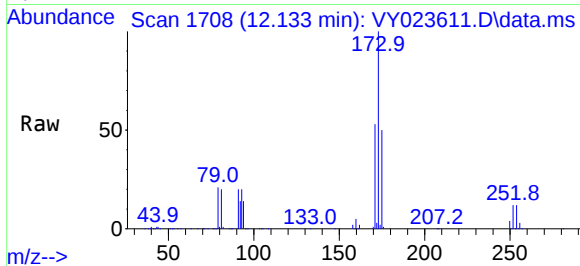




#71
Bromoform
Concen: 52.504 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

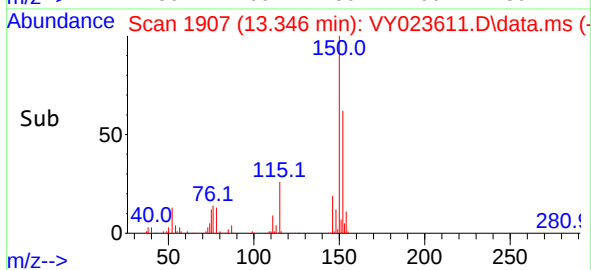
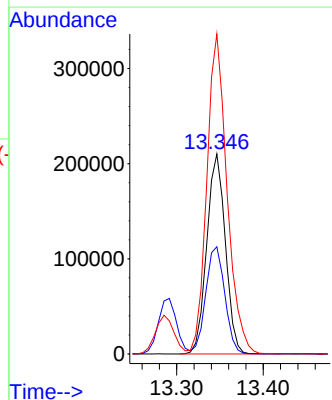
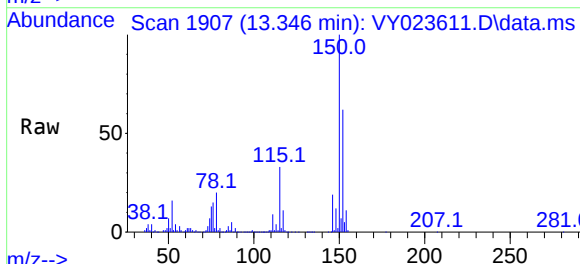
Instrument :
MSVOA_Y
ClientSampleId :

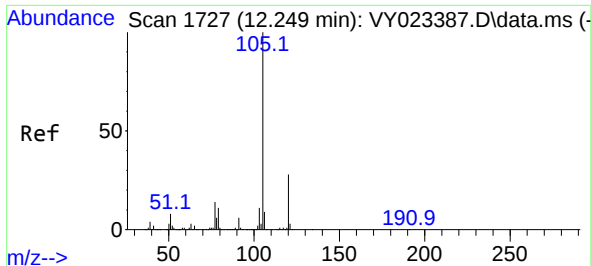
Tgt Ion:173 Resp: 149736
Ion Ratio Lower Upper
173 100
175 48.2 24.8 74.3
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion:152 Resp: 313750
Ion Ratio Lower Upper
152 100
115 54.7 27.1 81.2
150 173.7 0.0 347.4

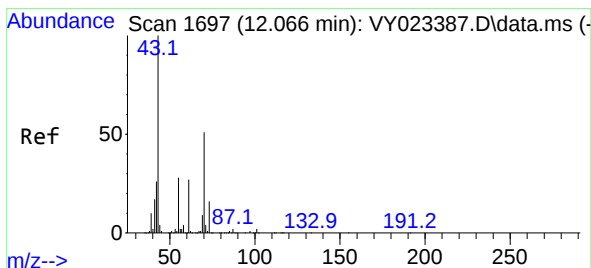
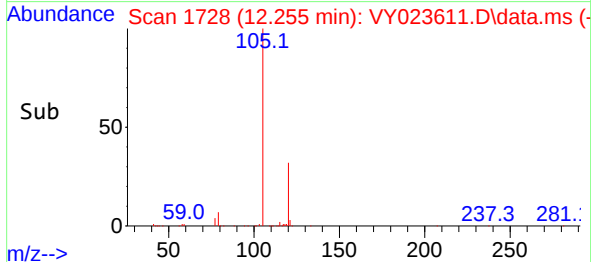
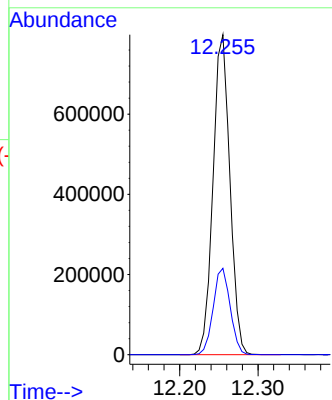
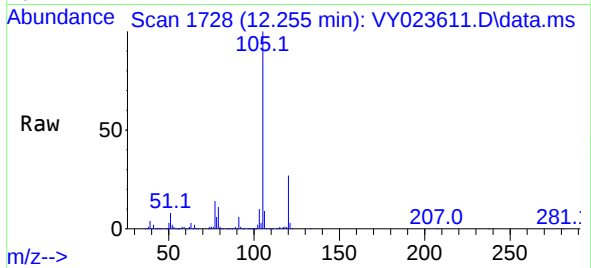




#73
Isopropylbenzene
Concen: 57.714 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

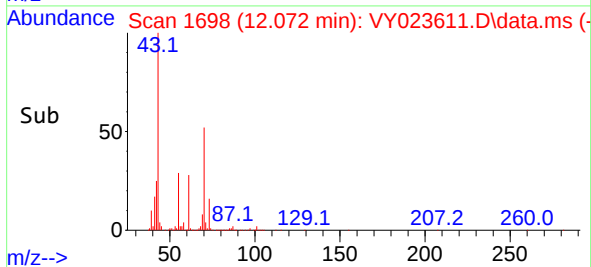
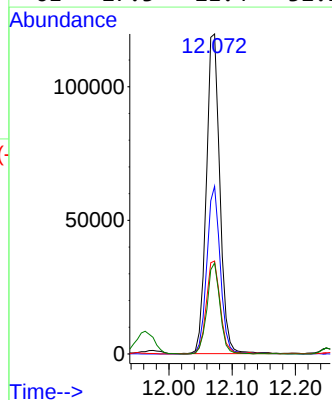
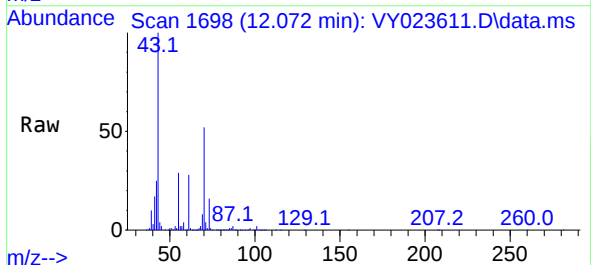
Instrument :
MSVOA_Y
ClientSampleId :

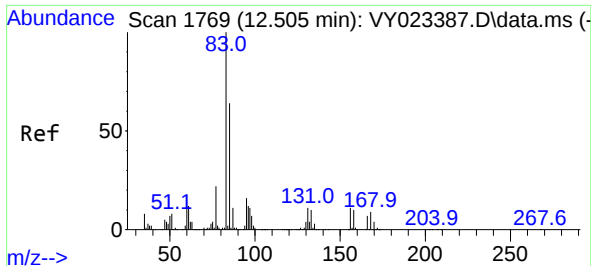
Tgt Ion:105 Resp: 1193321
Ion Ratio Lower Upper
105 100
120 27.1 13.9 41.7



#74
N-amy1 acetate
Concen: 47.984 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion: 43 Resp: 178205
Ion Ratio Lower Upper
43 100
70 51.9 41.1 61.7
55 29.9 23.0 34.6
61 27.3 21.4 32.2

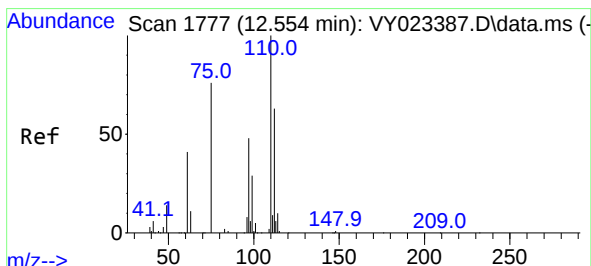
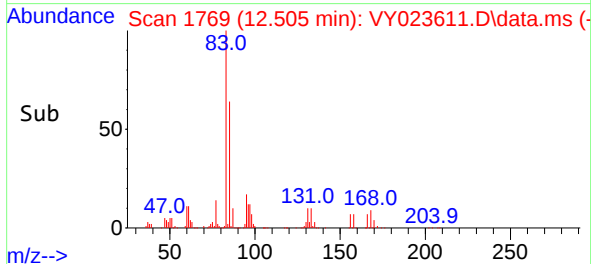
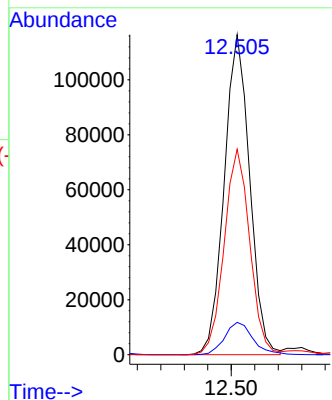
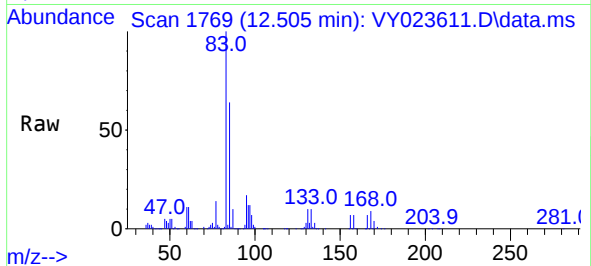




#75
1,1,2,2-Tetrachloroethane
Concen: 51.832 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

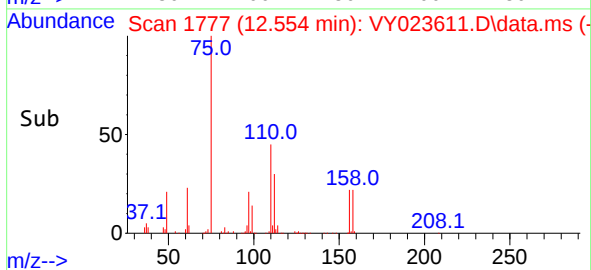
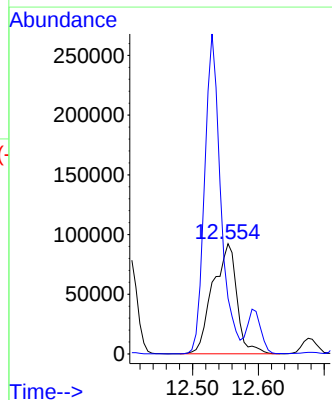
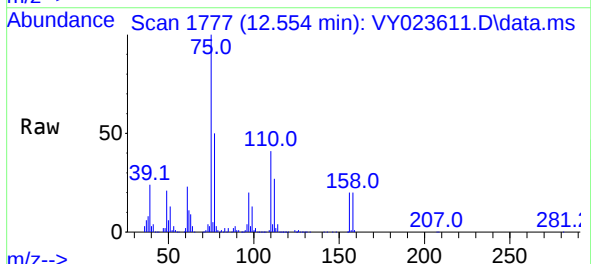
Instrument :
MSVOA_Y
ClientSampleId :

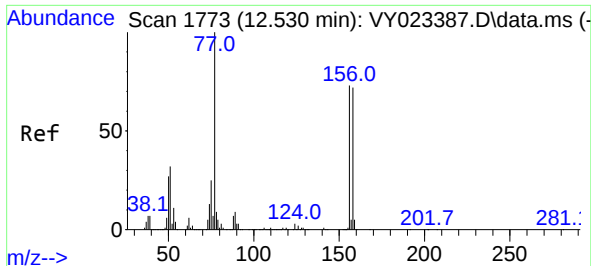
Tgt Ion: 83 Resp: 175286
Ion Ratio Lower Upper
83 100
131 11.2 5.9 17.6
85 64.5 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 84.993 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion: 75 Resp: 235269
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

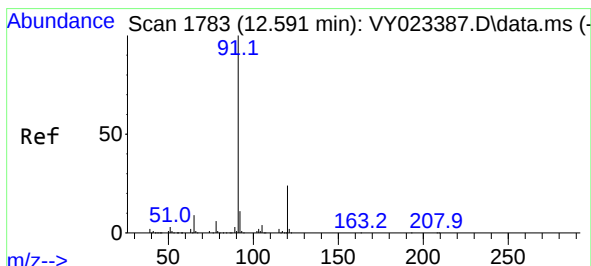
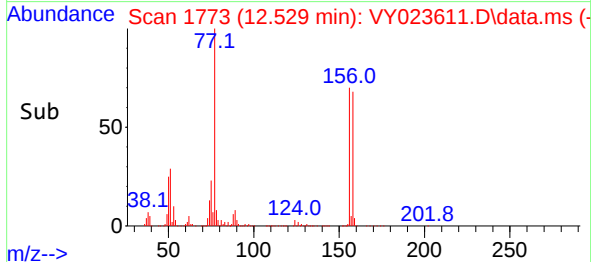
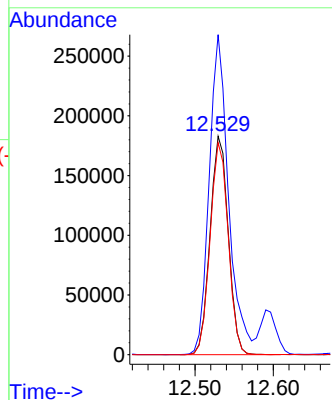
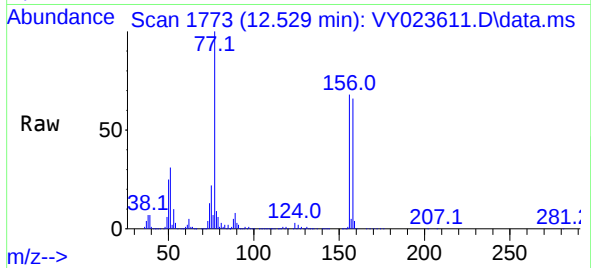




#77
Bromobenzene
Concen: 53.736 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

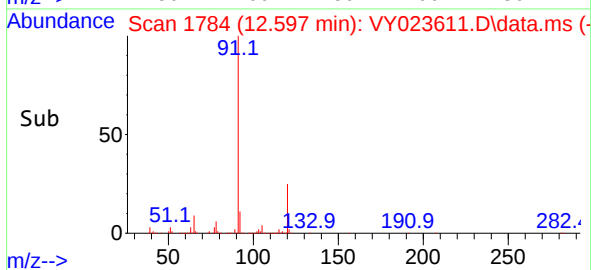
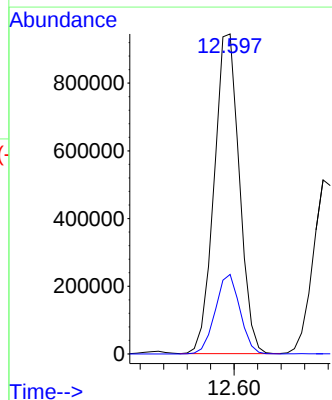
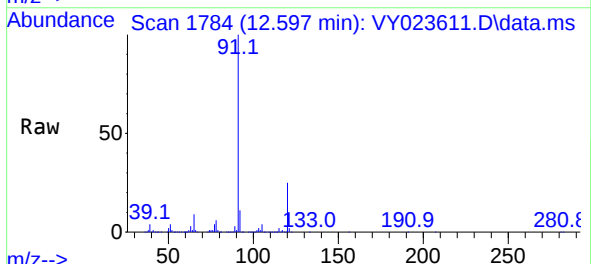
Instrument :
MSVOA_Y
ClientSampleId :

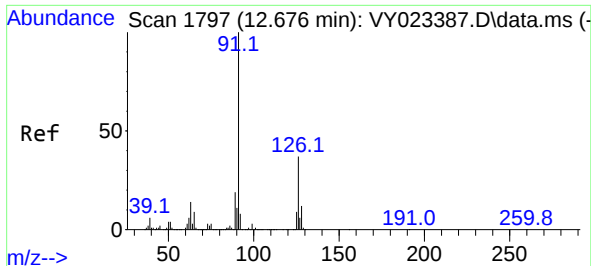
Tgt Ion:156 Resp: 295379
Ion Ratio Lower Upper
156 100
77 155.4 76.8 230.5
158 96.2 49.0 147.2



#78
n-propylbenzene
Concen: 58.720 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion: 91 Resp: 1404994
Ion Ratio Lower Upper
91 100
120 24.3 12.3 36.8

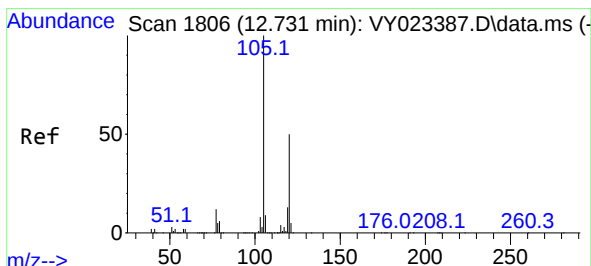
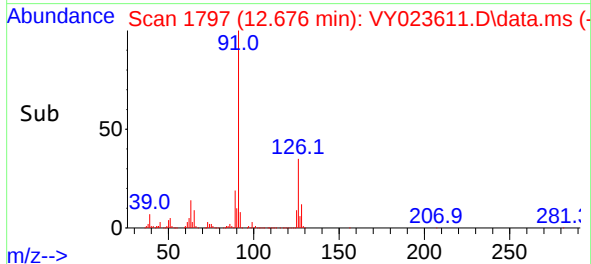
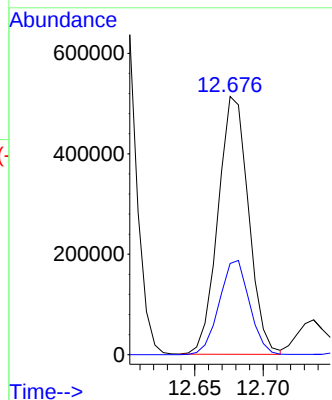
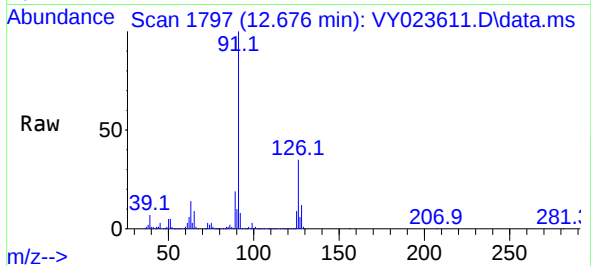




#79
2-Chlorotoluene
Concen: 56.850 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

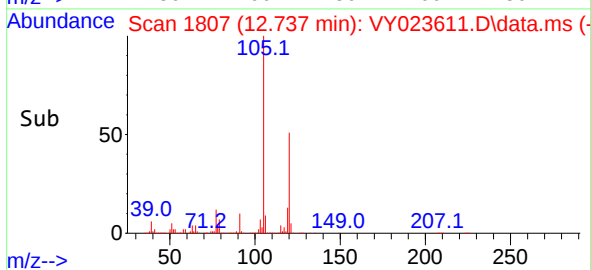
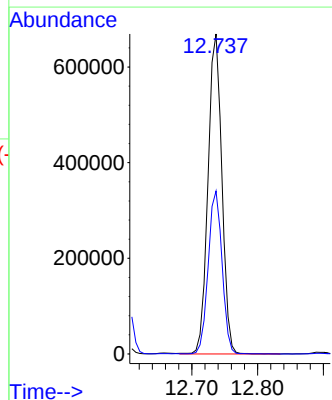
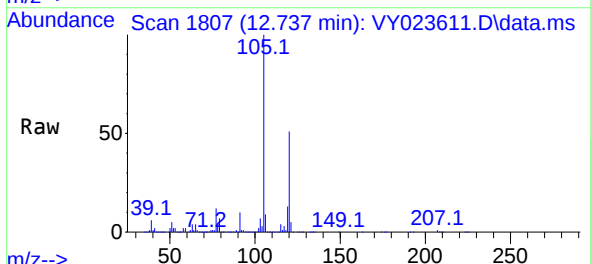
Instrument :
MSVOA_Y
ClientSampleId :

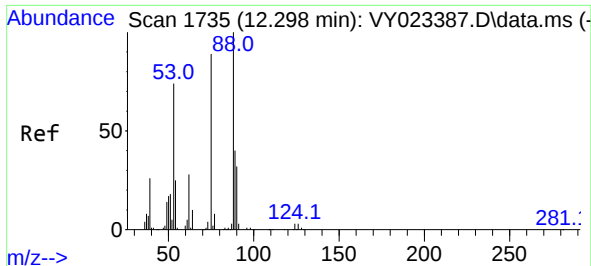
Tgt Ion: 91 Resp: 796552
Ion Ratio Lower Upper
91 100
126 36.3 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 58.655 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion: 105 Resp: 980015
Ion Ratio Lower Upper
105 100
120 50.8 25.4 76.4

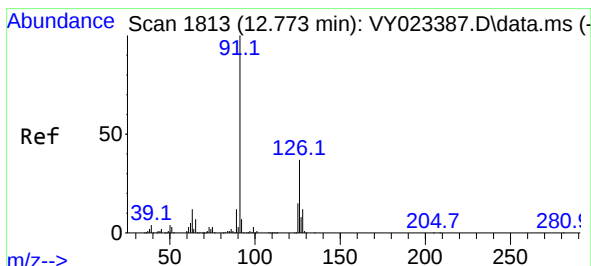
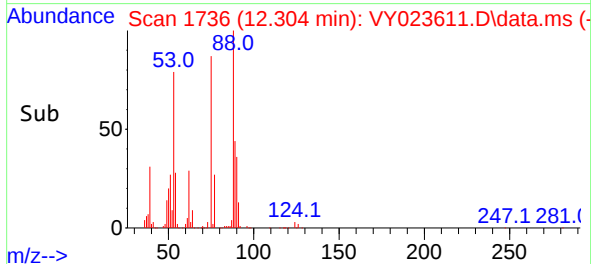
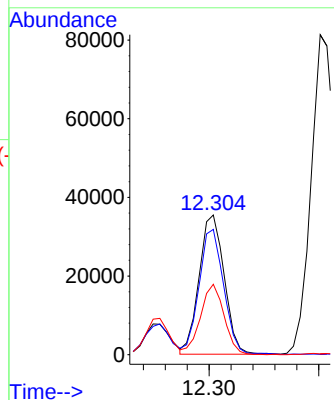
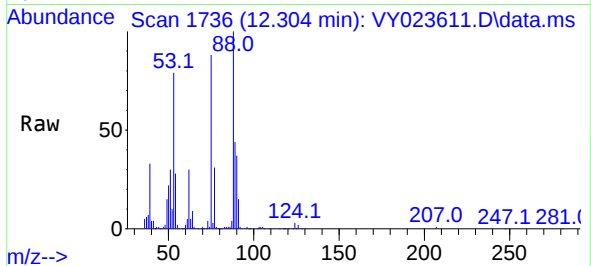




#81
trans-1,4-Dichloro-2-butene
Concen: 49.696 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

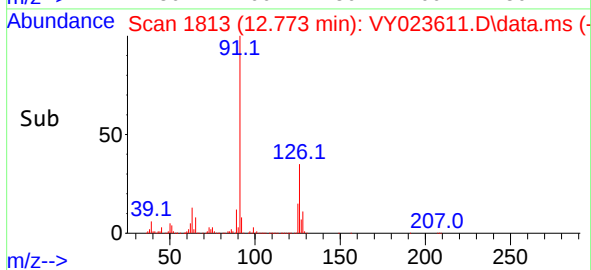
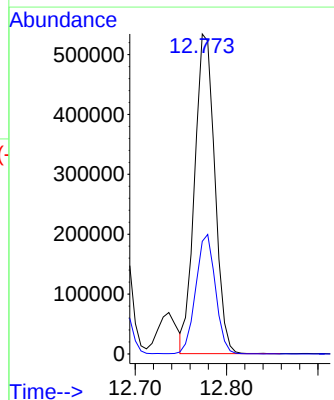
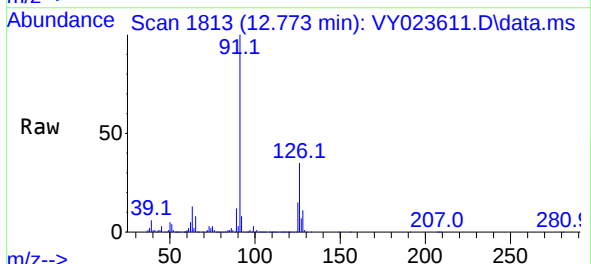
Instrument :
MSVOA_Y
ClientSampleId :

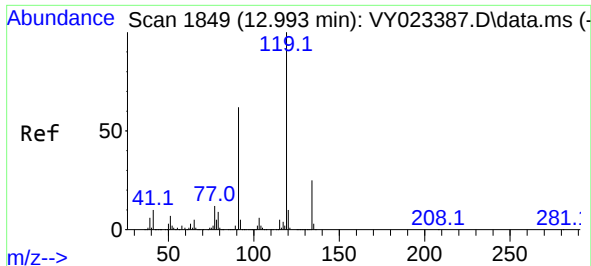
Tgt Ion: 75 Resp: 56099
Ion Ratio Lower Upper
75 100
53 88.9 68.6 102.8
89 48.1 39.0 58.4



#82
4-Chlorotoluene
Concen: 56.700 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion: 91 Resp: 818198
Ion Ratio Lower Upper
91 100
126 36.5 18.4 55.4

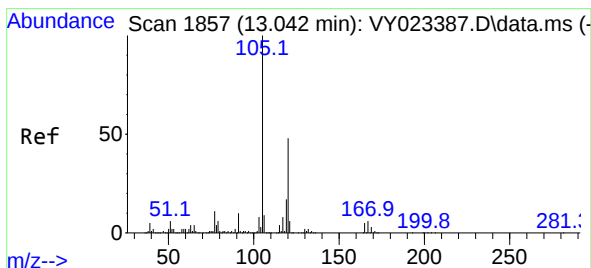
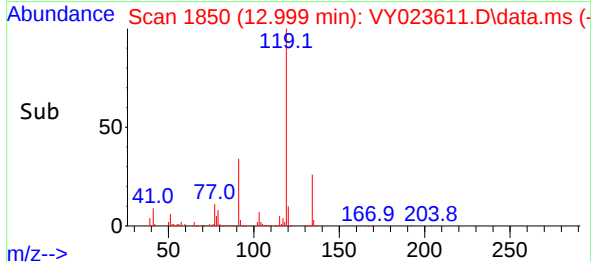
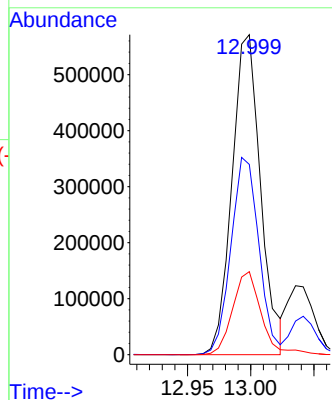
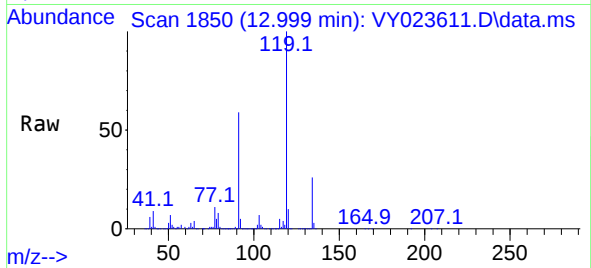




#83
tert-Butylbenzene
Concen: 58.335 ug/l
RT: 12.999 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

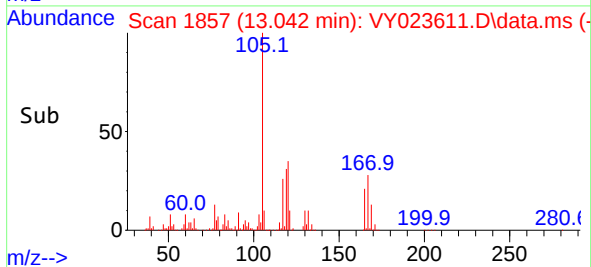
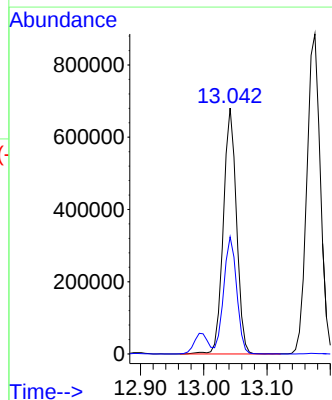
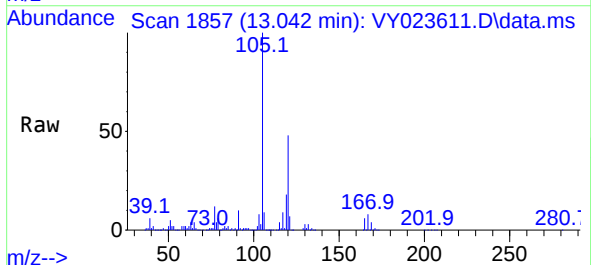
Instrument :
MSVOA_Y
ClientSampleId :

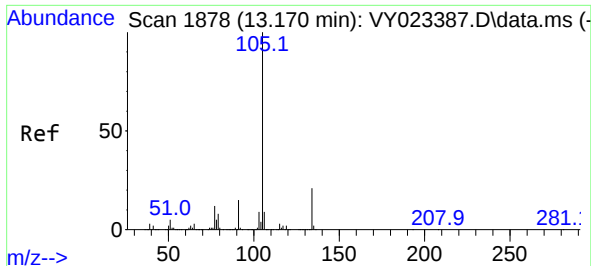
Tgt Ion:119 Resp: 899914
Ion Ratio Lower Upper
119 100
91 60.3 29.9 89.8
134 26.1 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 58.620 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion:105 Resp: 977462
Ion Ratio Lower Upper
105 100
120 46.7 23.8 71.2

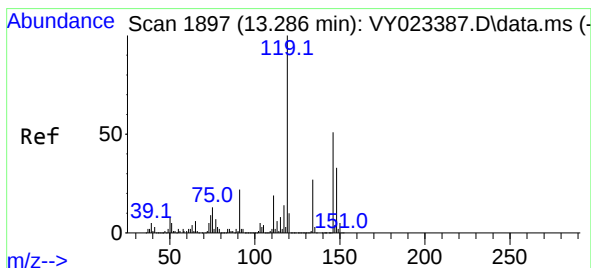
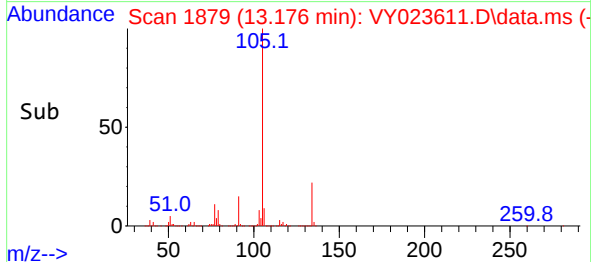
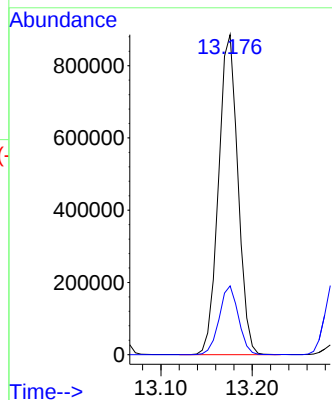
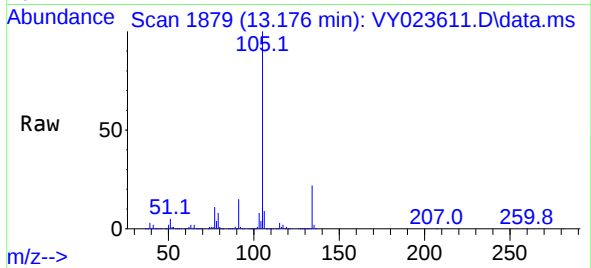




#85
 sec-Butylbenzene
 Concen: 58.994 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023611.D
 Acq: 29 Oct 2025 09:12

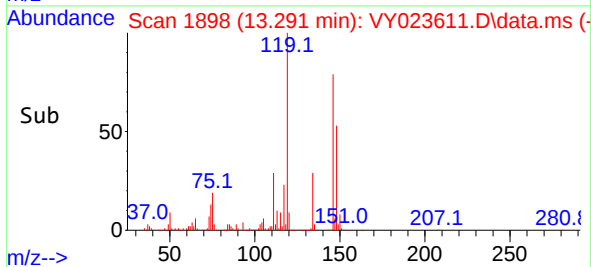
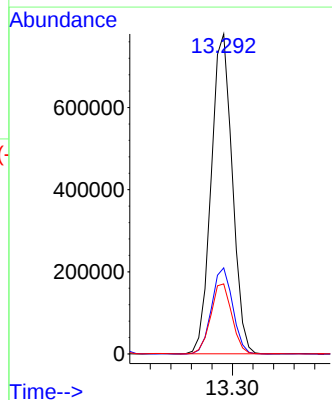
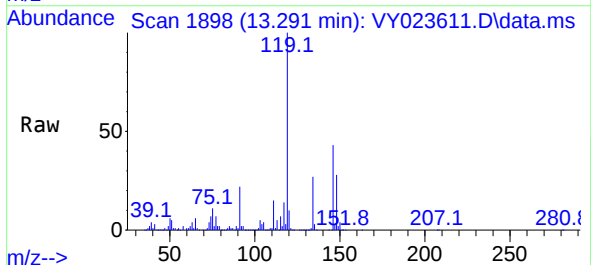
Instrument :
 MSVOA_Y
 ClientSampleId :

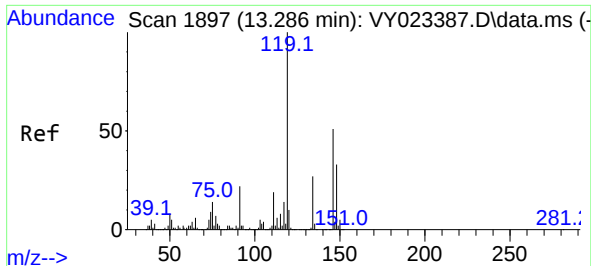
Tgt Ion:105 Resp: 1305516
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 58.953 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023611.D
 Acq: 29 Oct 2025 09:12

Tgt Ion:119 Resp: 1110772
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.6 40.7
 91 22.0 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 54.518 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023611.D

Acq: 29 Oct 2025 09:12

Instrument :

MSVOA_Y

ClientSampleId :

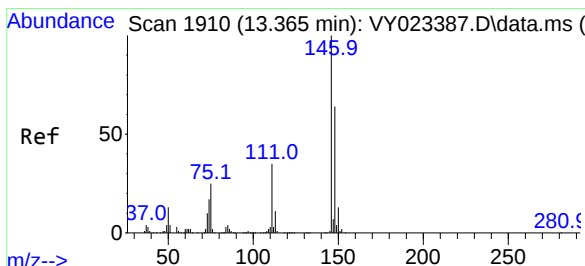
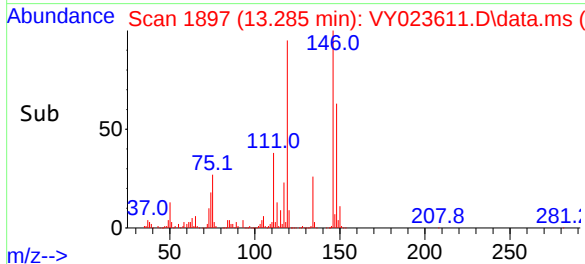
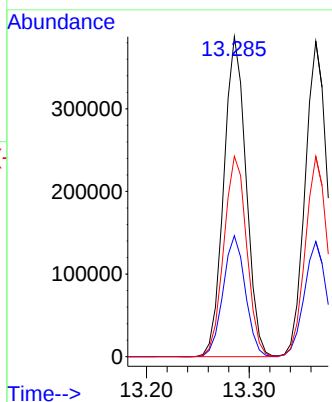
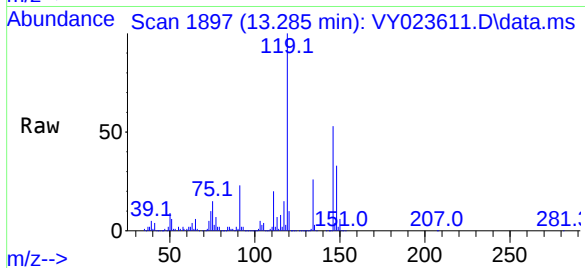
Tgt Ion:146 Resp: 583571

Ion Ratio Lower Upper

146 100

111 37.7 18.7 56.1

148 64.1 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 54.121 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023611.D

Acq: 29 Oct 2025 09:12

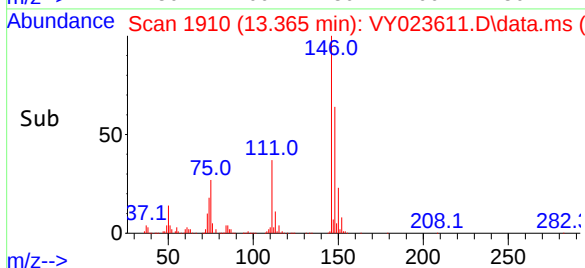
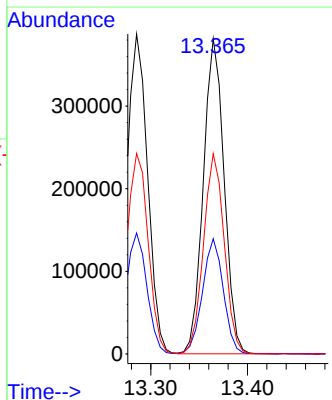
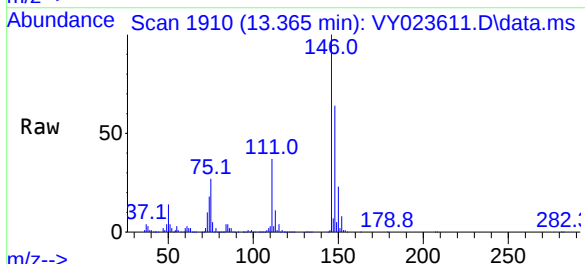
Tgt Ion:146 Resp: 572156

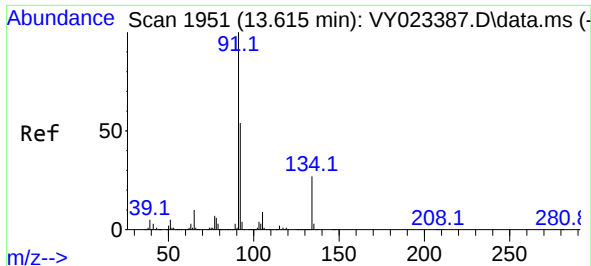
Ion Ratio Lower Upper

146 100

111 36.6 18.0 54.0

148 63.6 31.9 95.7





#89

n-Butylbenzene

Concen: 58.938 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY023611.D

Acq: 29 Oct 2025 09:12

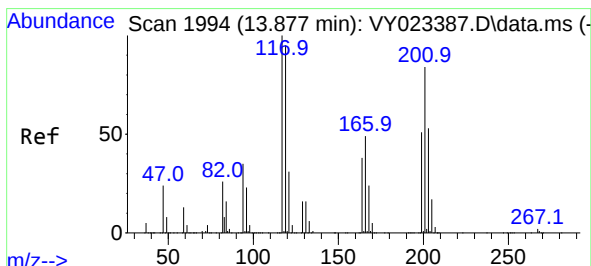
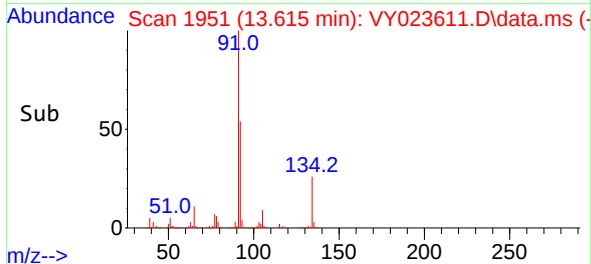
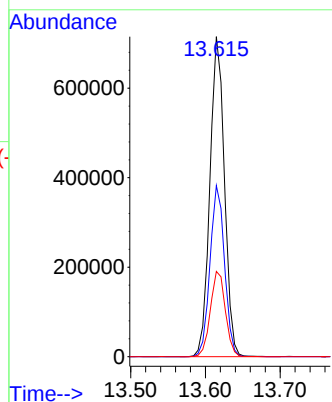
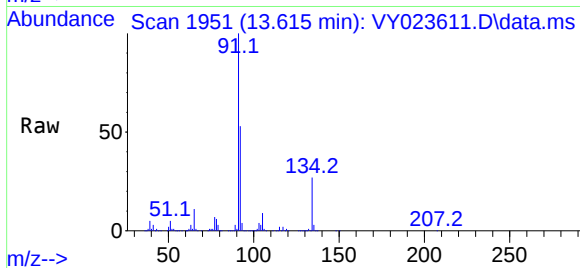
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91 Resp: 967606

Ion	Ratio	Lower	Upper
91	100		
92	53.3	27.0	80.8
134	27.5	14.1	42.2



#90

Hexachloroethane

Concen: 55.998 ug/l

RT: 13.877 min Scan# 1994

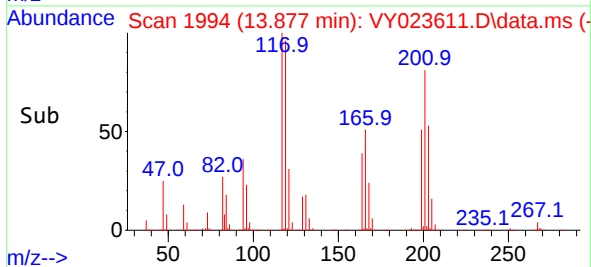
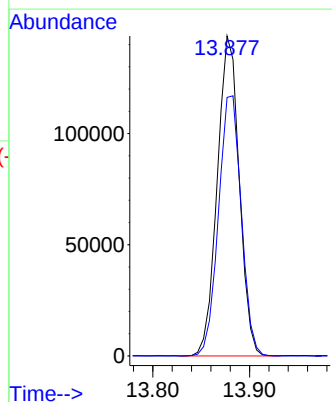
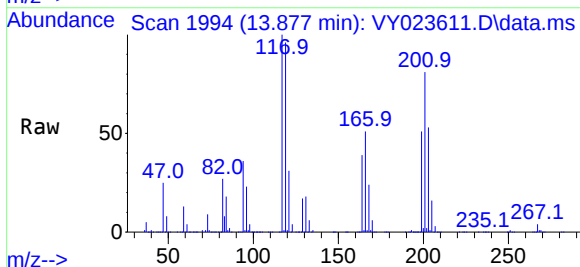
Delta R.T. -0.000 min

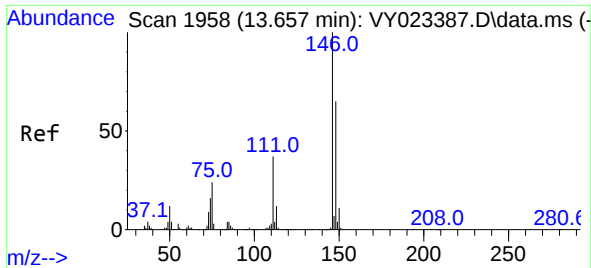
Lab File: VY023611.D

Acq: 29 Oct 2025 09:12

Tgt Ion: 117 Resp: 226930

Ion	Ratio	Lower	Upper
117	100		
201	84.3	43.8	131.4

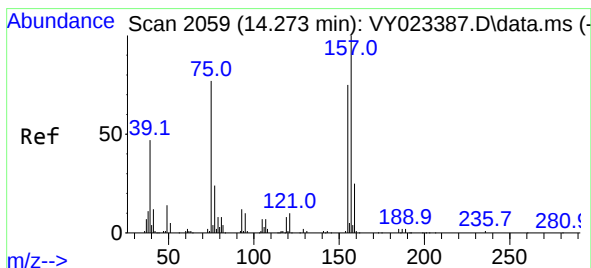
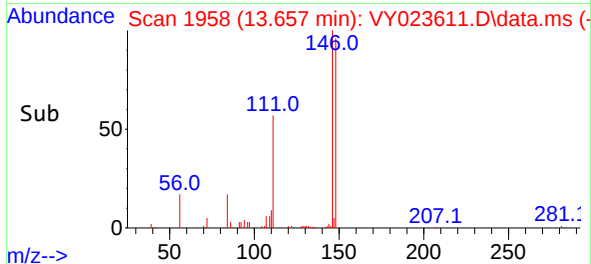
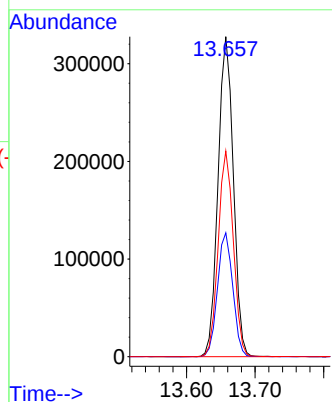
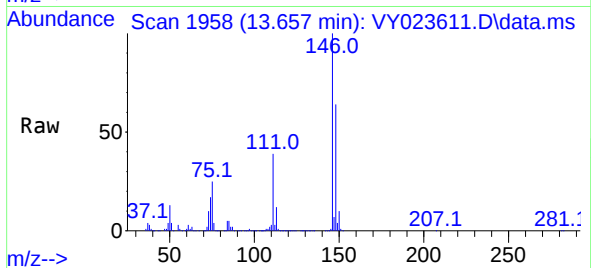




#91
1,2-Dichlorobenzene
Concen: 53.948 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

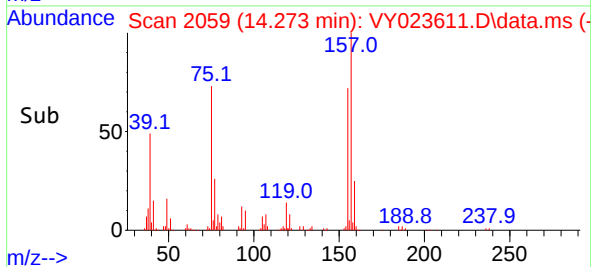
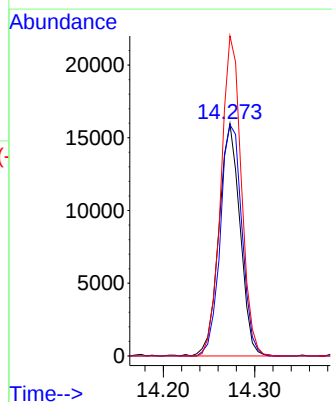
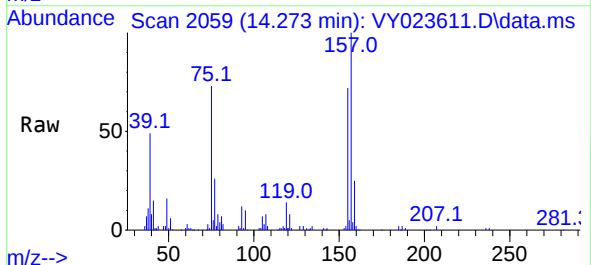
Instrument :
MSVOA_Y
ClientSampleId :

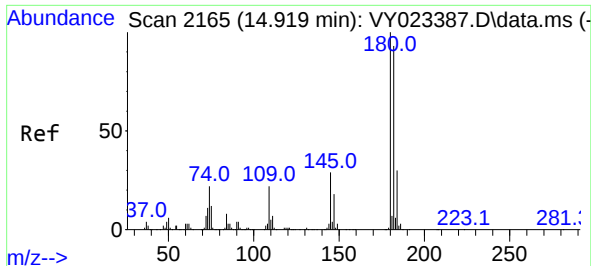
Tgt Ion:146 Resp: 506280
Ion Ratio Lower Upper
146 100
111 38.7 19.0 57.0
148 63.7 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.247 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

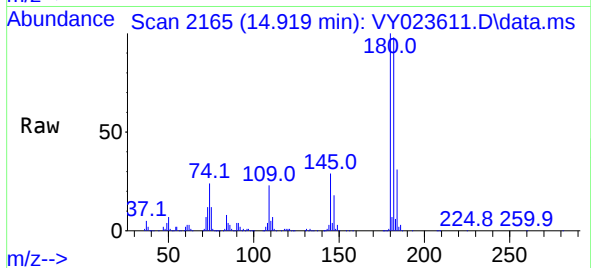
Tgt Ion: 75 Resp: 25662
Ion Ratio Lower Upper
75 100
155 101.4 50.0 150.0
157 132.6 63.8 191.5



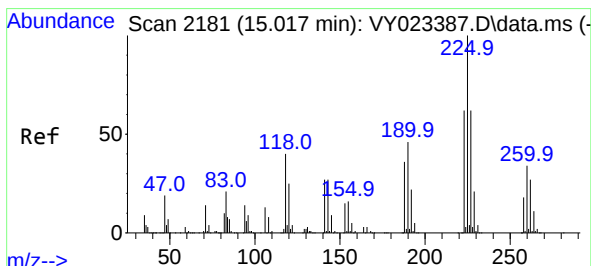
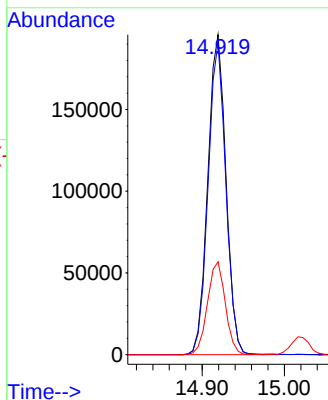
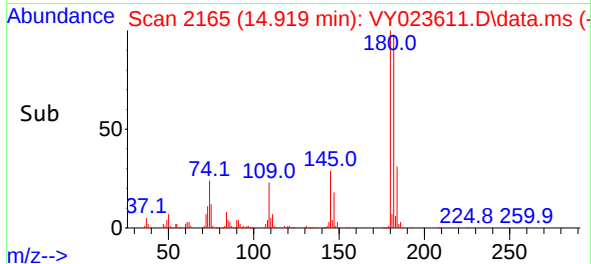


#93
1,2,4-Trichlorobenzene
Concen: 51.188 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

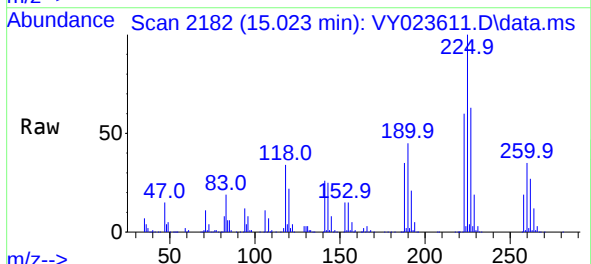
Instrument :
MSVOA_Y
ClientSampleId :



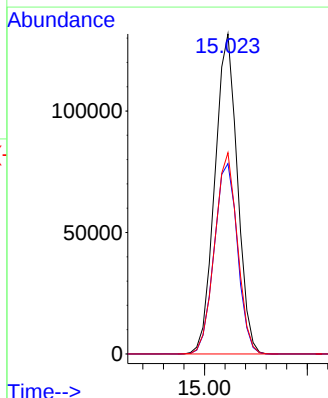
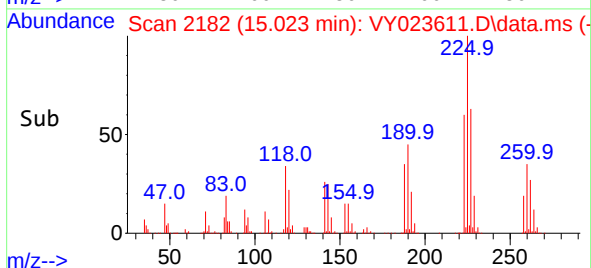
Tgt Ion:180 Resp: 299480
Ion Ratio Lower Upper
180 100
182 95.3 47.9 143.6
145 28.7 14.7 44.1

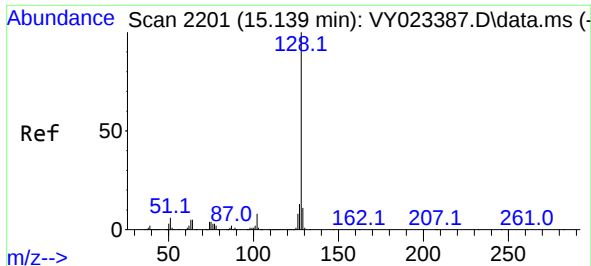


#94
Hexachlorobutadiene
Concen: 54.917 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12



Tgt Ion:225 Resp: 200284
Ion Ratio Lower Upper
225 100
223 61.6 30.8 92.3
227 63.3 31.9 95.7

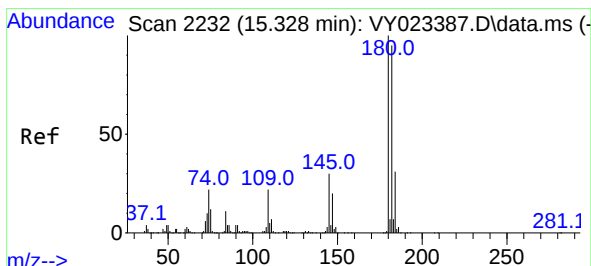
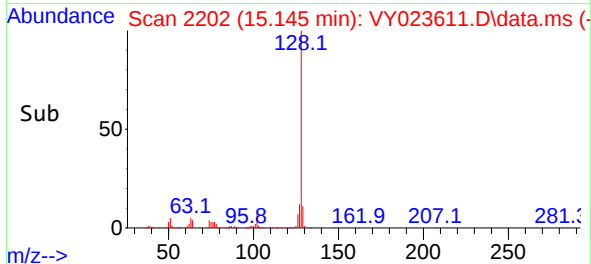
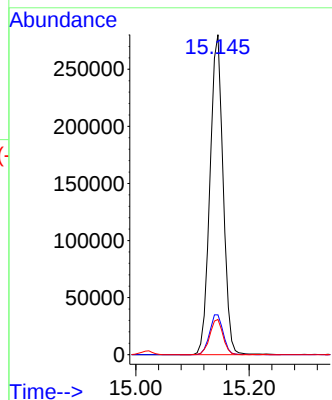
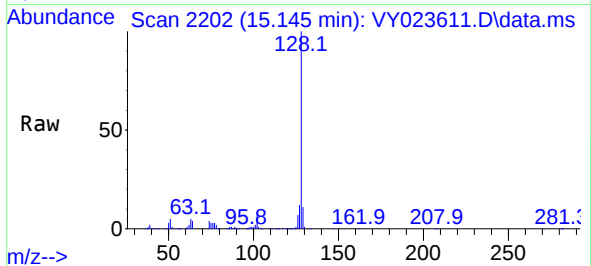




#95
Naphthalene
Concen: 48.389 ug/l
RT: 15.145 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 450812
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 50.361 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023611.D
Acq: 29 Oct 2025 09:12

Tgt Ion:180 Resp: 255209
Ion Ratio Lower Upper
180 100
182 95.7 47.9 143.8
145 30.4 15.3 45.9

