

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111325\
 Data File : VY023776.D
 Acq On : 13 Nov 2025 10:46
 Operator : SY/MD
 Sample : VY1113SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1113SBS01

Quant Time: Nov 14 04:23:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	545029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	820567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	760023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	418145	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	235681	50.693	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.380%	
35) Dibromofluoromethane	7.634	113	256940	50.105	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.220%	
50) Toluene-d8	10.103	98	976007	51.094	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.180%	
62) 4-Bromofluorobenzene	12.402	95	384143	62.185	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 124.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	79594	22.247	ug/l	97
3) Chloromethane	2.074	50	106278	21.228	ug/l	99
4) Vinyl Chloride	2.202	62	131346	20.161	ug/l	99
5) Bromomethane	2.592	94	109472	19.977	ug/l	100
6) Chloroethane	2.733	64	88056	19.556	ug/l	99
7) Trichlorofluoromethane	3.056	101	199401	21.733	ug/l	100
8) Diethyl Ether	3.458	74	51454	20.912	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	109549	21.671	ug/l	99
10) Methyl Iodide	4.007	142	106137	17.780	ug/l	98
11) Tert butyl alcohol	4.842	59	46387	154.737	ug/l #	86
12) 1,1-Dichloroethene	3.787	96	104547	21.469	ug/l	97
13) Acrolein	3.653	56	32558	84.498	ug/l	97
14) Allyl chloride	4.385	41	129235	21.804	ug/l	95
15) Acrylonitrile	5.055	53	100126	106.484	ug/l	99
16) Acetone	3.866	43	138157	119.550	ug/l	97
17) Carbon Disulfide	4.104	76	320170	21.422	ug/l	100
18) Methyl Acetate	4.385	43	42045	16.495	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	227189	20.120	ug/l	99
20) Methylene Chloride	4.616	84	124301	22.281	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	114996	20.944	ug/l	92
22) Diisopropyl ether	6.019	45	293002	22.185	ug/l	96
23) Vinyl Acetate	5.958	43	772434	109.596	ug/l	97
24) 1,1-Dichloroethane	5.915	63	189891	21.582	ug/l	99
25) 2-Butanone	6.896	43	150376	112.546	ug/l	97
26) 2,2-Dichloropropane	6.884	77	177614	21.945	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	129453	20.644	ug/l	97
28) Bromochloromethane	7.244	49	72758	21.597	ug/l	94
29) Tetrahydrofuran	7.256	42	73131	102.773	ug/l	95
30) Chloroform	7.421	83	209452	21.336	ug/l	96
31) Cyclohexane	7.701	56	164132	21.420	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	187015	21.315	ug/l	99
36) 1,1-Dichloropropene	7.835	75	143675	20.967	ug/l	98
37) Ethyl Acetate	6.982	43	54421	20.515	ug/l	99
38) Carbon Tetrachloride	7.817	117	166738	20.652	ug/l	98
39) Methylcyclohexane	9.109	83	176587	20.169	ug/l	95
40) Benzene	8.079	78	457268	21.171	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	25725	17.766	ug/l #	73
42) 1,2-Dichloroethane	8.158	62	113325	20.739	ug/l	100
43) Isopropyl Acetate	8.195	43	101503	20.365	ug/l	98
44) Trichloroethene	8.866	130	125002	20.150	ug/l	100
45) 1,2-Dichloropropane	9.140	63	100412	21.064	ug/l	97
46) Dibromomethane	9.231	93	61074	20.678	ug/l	95
47) Bromodichloromethane	9.420	83	156275	20.986	ug/l	100
48) Methyl methacrylate	9.219	41	44060	18.711	ug/l	97
49) 1,4-Dioxane	9.225	88	12378	409.501	ug/l	97
51) 4-Methyl-2-Pentanone	10.000	43	270250	101.958	ug/l	99
52) Toluene	10.170	92	293575	21.290	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	128390	20.376	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	156524	20.734	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	81108	20.548	ug/l	95
56) Ethyl methacrylate	10.438	69	85667	19.698	ug/l	99
57) 1,3-Dichloropropane	10.713	76	129224	20.640	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	203517	101.981	ug/l	98
59) 2-Hexanone	10.762	43	204847	105.930	ug/l	98
60) Dibromochloromethane	10.908	129	109389	20.170	ug/l	98
61) 1,2-Dibromoethane	11.012	107	75698	20.435	ug/l	97
64) Tetrachloroethene	10.646	164	154096	19.480	ug/l	98
65) Chlorobenzene	11.438	112	326124	19.711	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	113251	19.357	ug/l	99
67) Ethyl Benzene	11.518	91	519543	19.401	ug/l	98
68) m/p-Xylenes	11.627	106	417915	39.061	ug/l	97
69) o-Xylene	11.957	106	188450	19.054	ug/l	97
70) Styrene	11.969	104	318461	19.516	ug/l	99
71) Bromoform	12.127	173	75763	22.172	ug/l #	99
73) Isopropylbenzene	12.255	105	580787	20.767	ug/l	100
74) N-amyl acetate	12.066	43	83531	17.642	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.505	83	87155	19.513	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	116934	34.554	ug/l #	100
77) Bromobenzene	12.530	156	149004	20.540	ug/l	98
78) n-propylbenzene	12.591	91	688982	20.945	ug/l	100
79) 2-Chlorotoluene	12.676	91	405941	21.266	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	494452	21.761	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	29575	19.751	ug/l	90
82) 4-Chlorotoluene	12.773	91	425037	21.590	ug/l	99
83) tert-Butylbenzene	12.993	119	418202	20.208	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	469133	20.845	ug/l	99
85) sec-Butylbenzene	13.176	105	614481	20.586	ug/l	100
86) p-Isopropyltoluene	13.292	119	513632	20.327	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	284549	19.929	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	277351	19.775	ug/l	99
89) n-Butylbenzene	13.615	91	429665	19.554	ug/l	99
90) Hexachloroethane	13.877	117	103951	19.143	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	240850	19.574	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12745	18.532	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	130145	18.492	ug/l	98
94) Hexachlorobutadiene	15.023	225	89012	19.303	ug/l	99
95) Naphthalene	15.145	128	180841	18.413	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	112209	19.082	ug/l	100

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QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

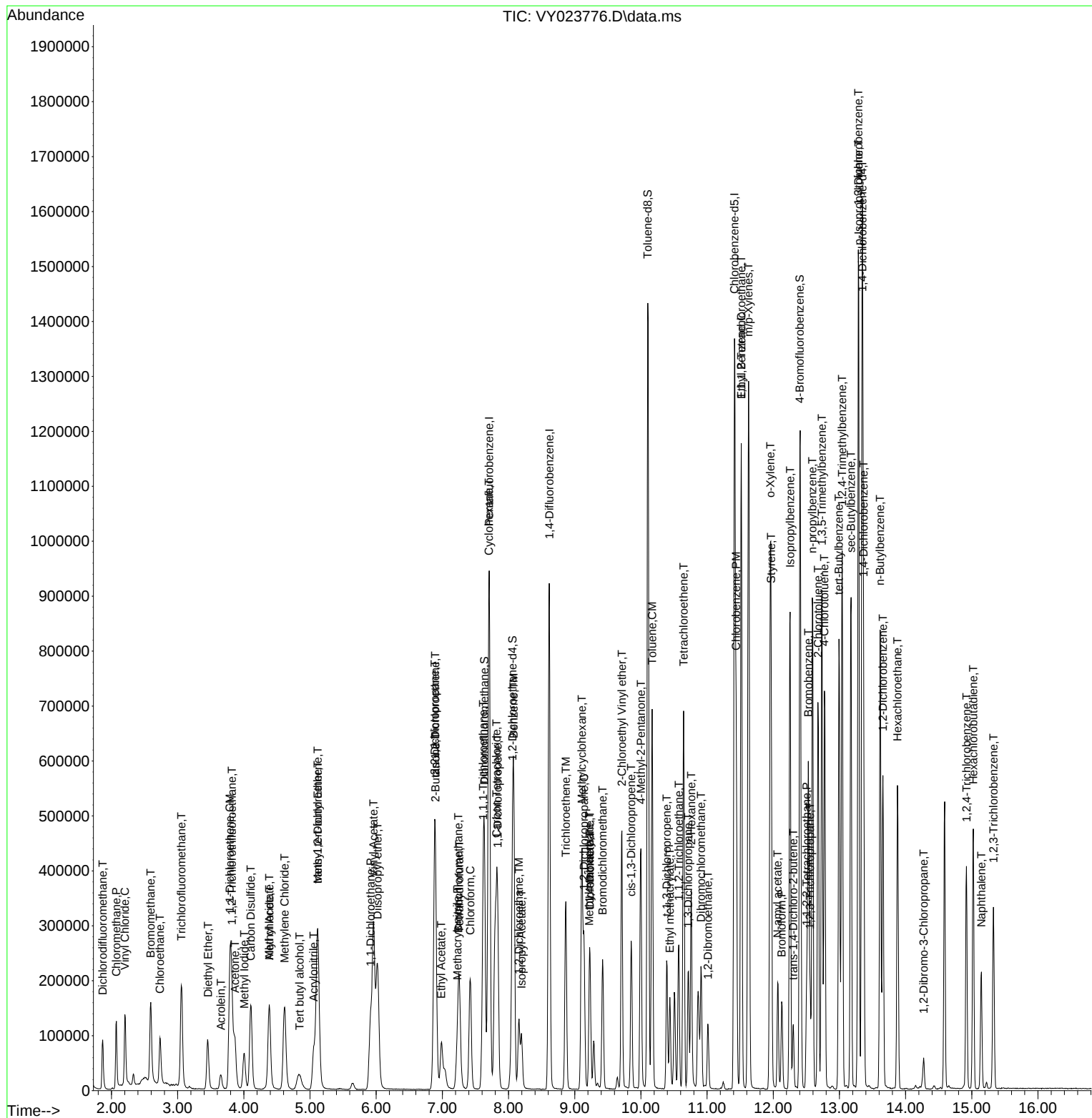
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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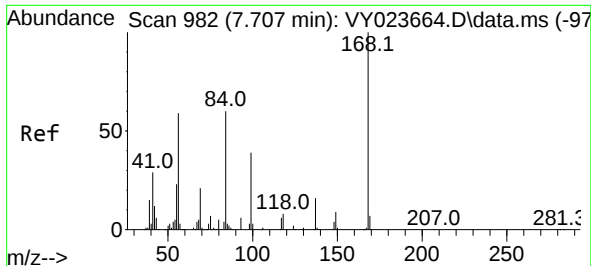
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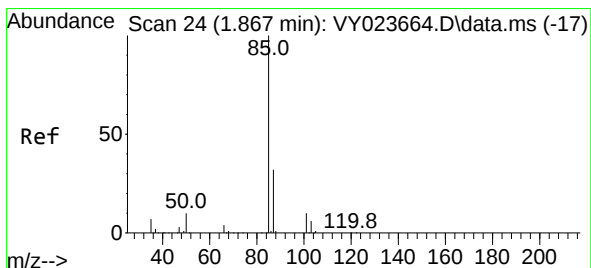
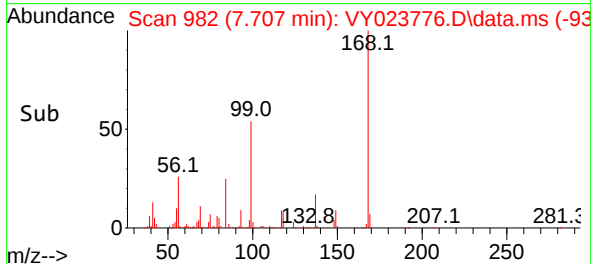
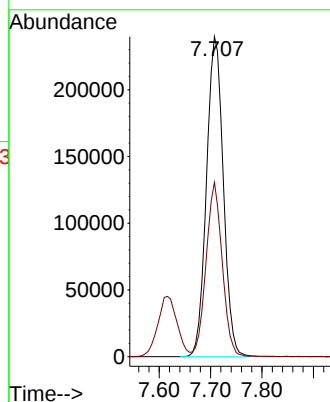
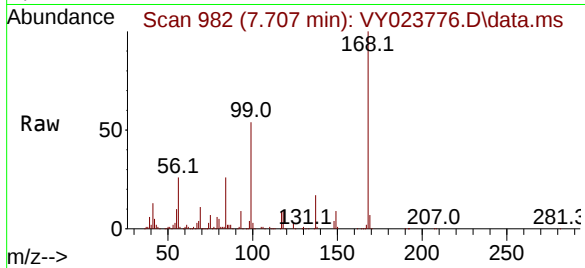




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023776.D
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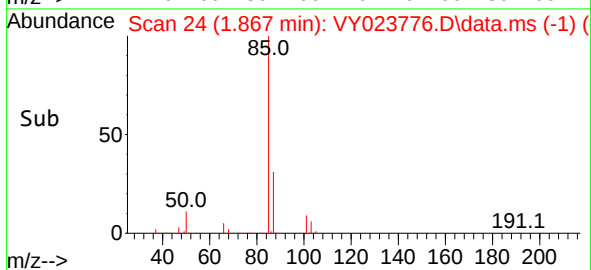
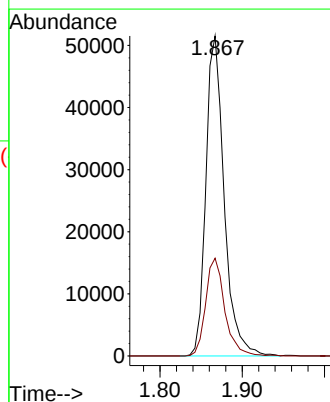
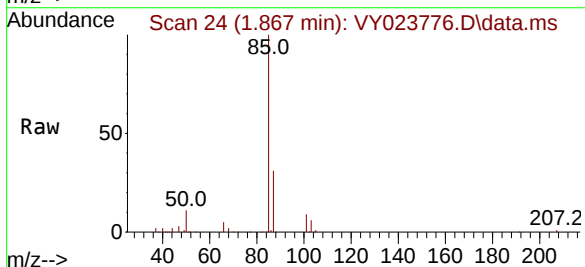
Instrument :
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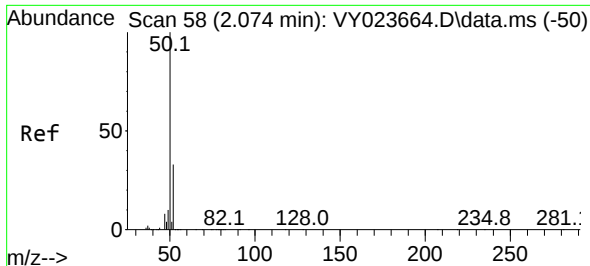
Tgt Ion:168 Resp: 545029
Ion Ratio Lower Upper
168 100
99 54.4 41.0 61.4



#2
Dichlorodifluoromethane
Concen: 22.247 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

Tgt Ion: 85 Resp: 79594
Ion Ratio Lower Upper
85 100
87 30.6 16.2 48.6

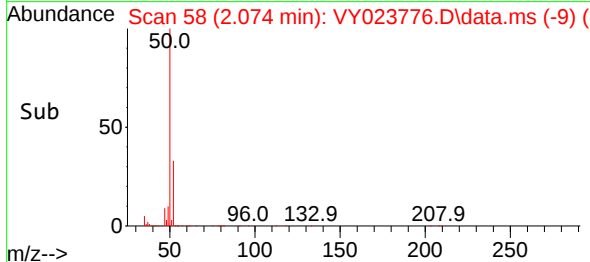
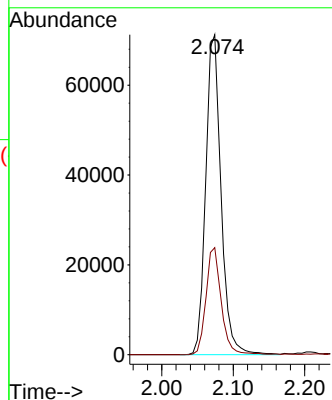
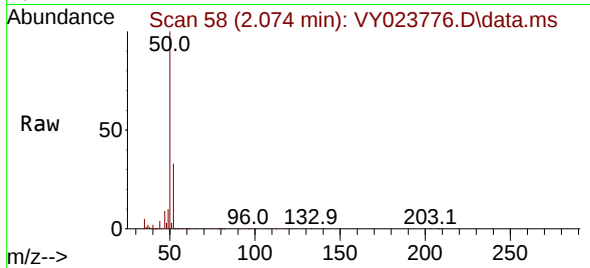




#3
Chloromethane
Concen: 21.228 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

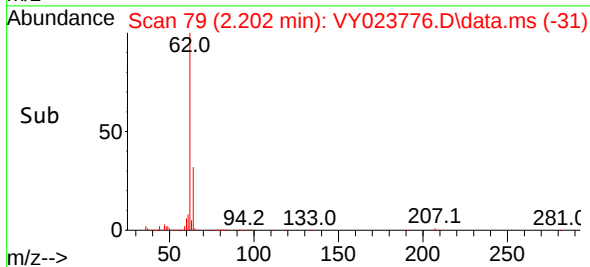
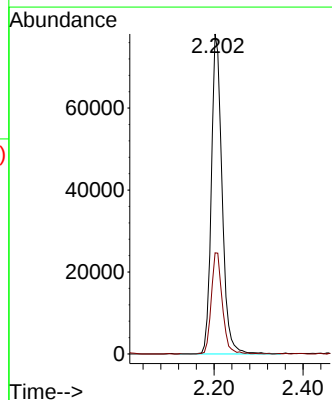
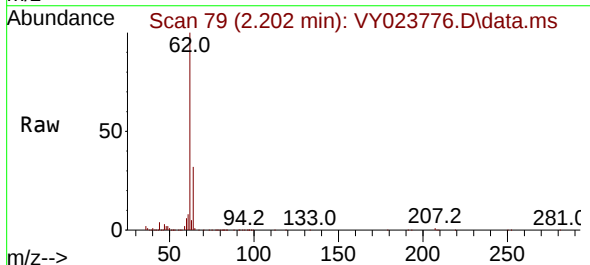
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

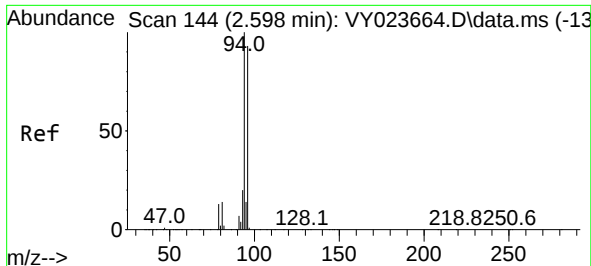
Tgt Ion: 50 Resp: 106278
Ion Ratio Lower Upper
50 100
52 33.5 26.5 39.7



#4
Vinyl Chloride
Concen: 20.161 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

Tgt Ion: 62 Resp: 131346
Ion Ratio Lower Upper
62 100
64 31.5 25.7 38.5

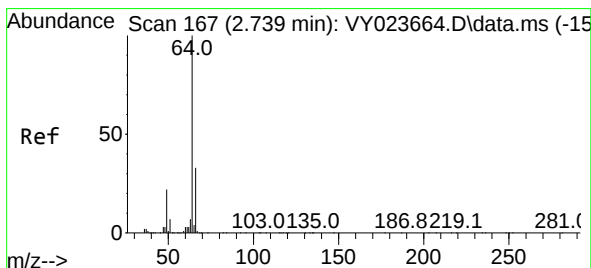
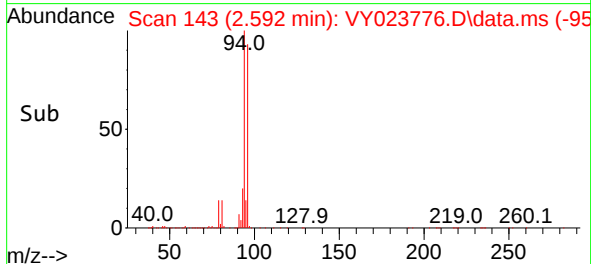
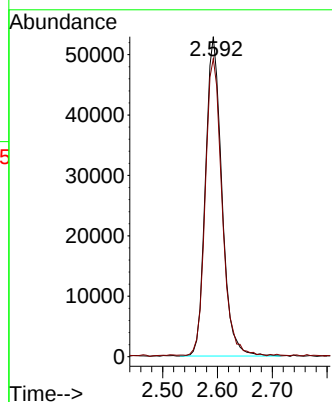
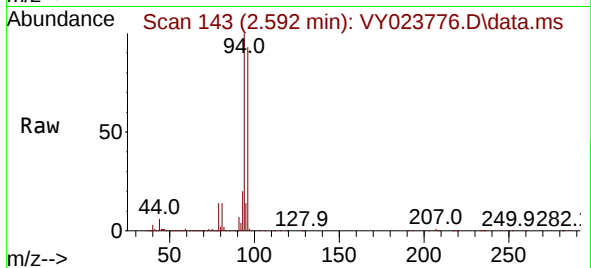




#5
Bromomethane
Concen: 19.977 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY023776.D
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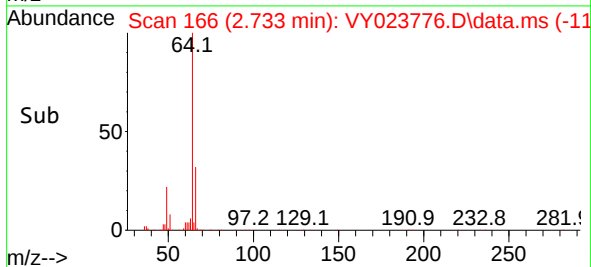
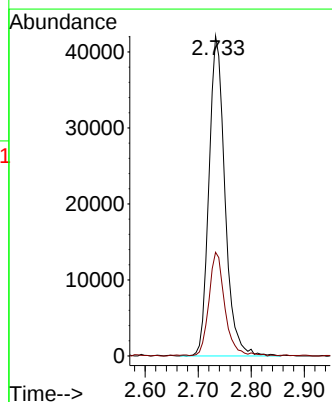
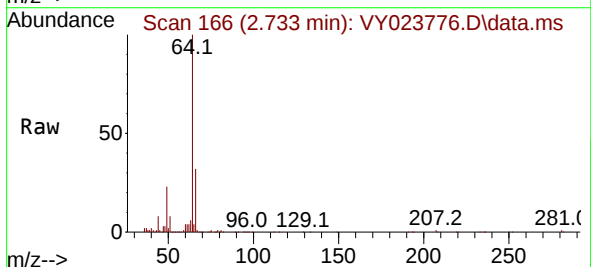
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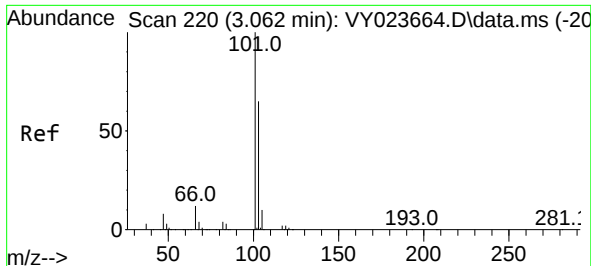
Tgt Ion: 94 Resp: 109472
Ion Ratio Lower Upper
94 100
96 92.9 74.4 111.6



#6
Chloroethane
Concen: 19.556 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY023776.D
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Tgt Ion: 64 Resp: 88056
Ion Ratio Lower Upper
64 100
66 32.2 26.2 39.4

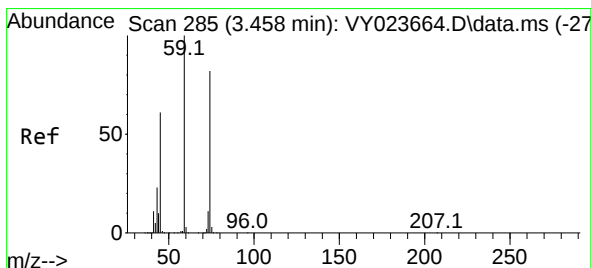
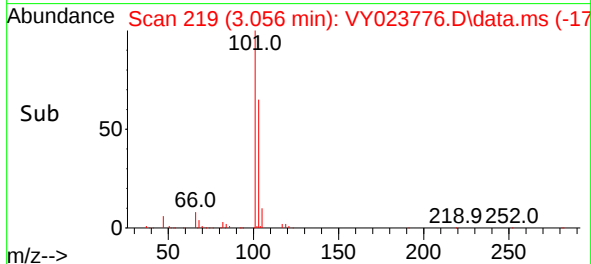
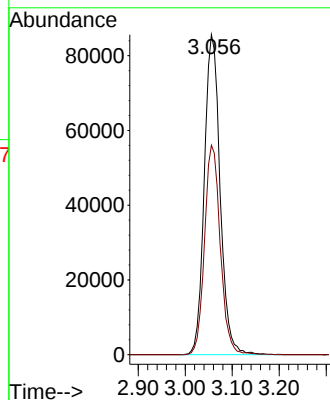
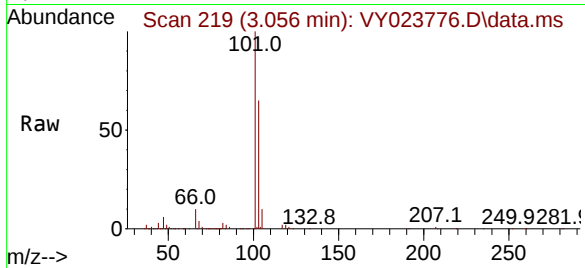




#7
Trichlorofluoromethane
Concen: 21.733 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

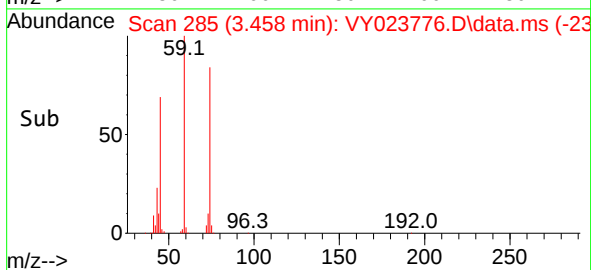
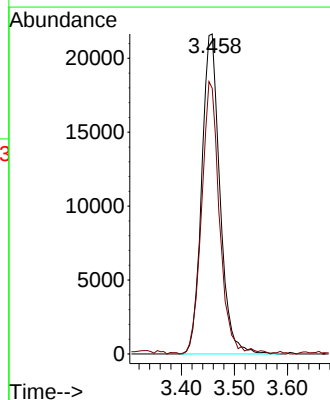
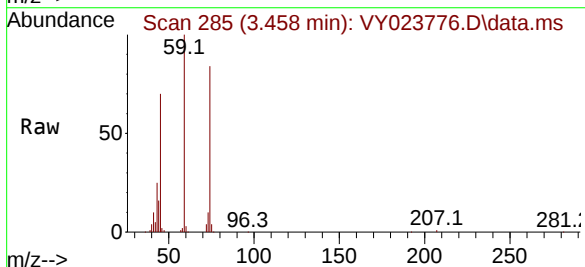
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

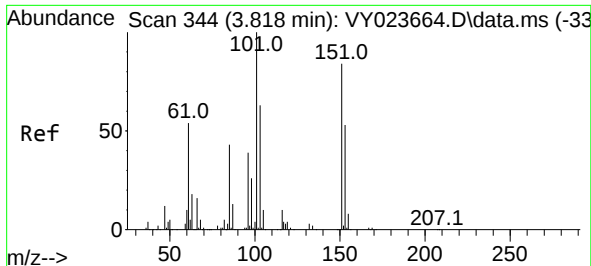
Tgt Ion:101 Resp: 199401
Ion Ratio Lower Upper
101 100
103 65.4 52.1 78.1



#8
Diethyl Ether
Concen: 20.912 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY023776.D
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Tgt Ion: 74 Resp: 51454
Ion Ratio Lower Upper
74 100
45 83.3 40.6 121.7

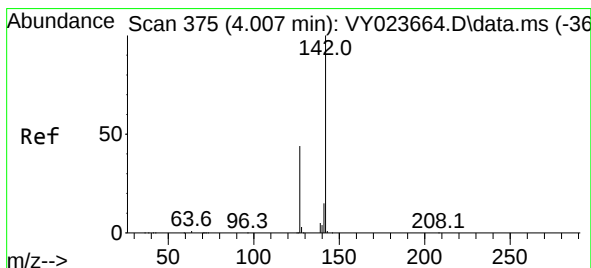
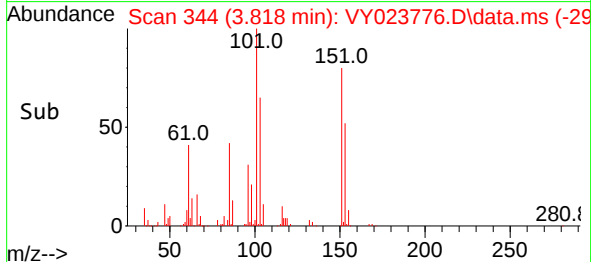
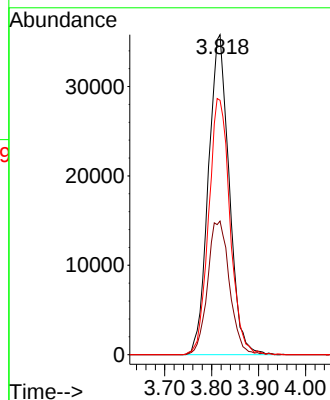
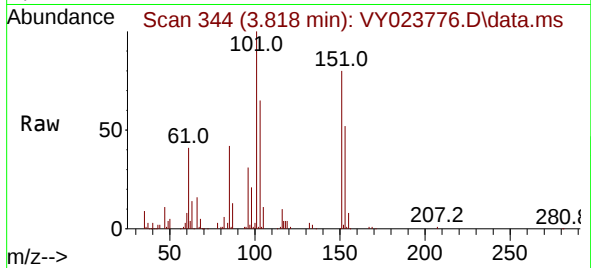




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.671 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

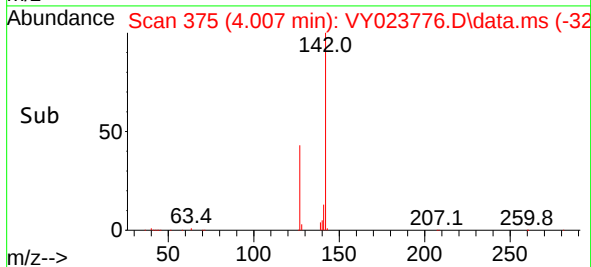
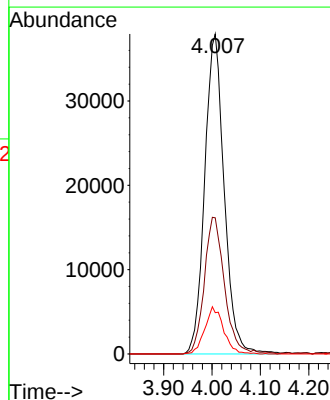
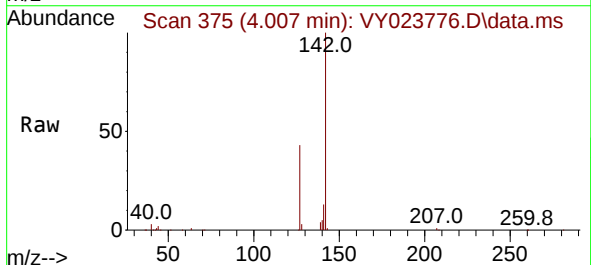
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

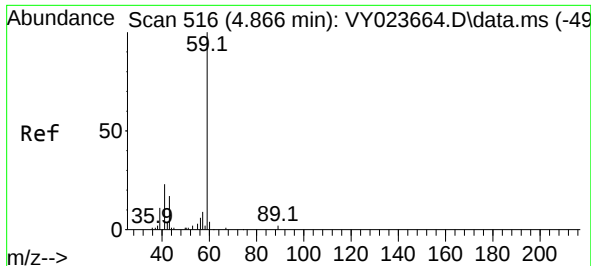
Tgt Ion:101 Resp: 109549
Ion Ratio Lower Upper
101 100
85 44.2 34.4 51.6
151 82.2 65.6 98.4



#10
Methyl Iodide
Concen: 17.780 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

Tgt Ion:142 Resp: 106137
Ion Ratio Lower Upper
142 100
127 44.3 34.6 51.8
141 14.2 11.6 17.4

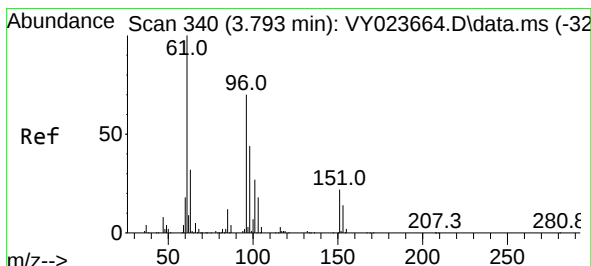
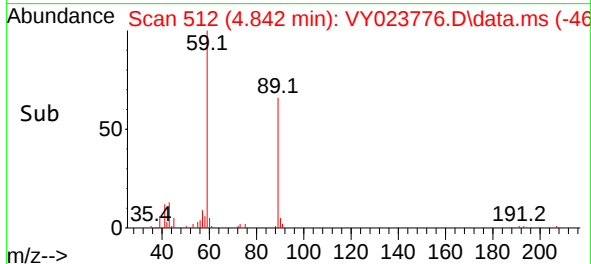
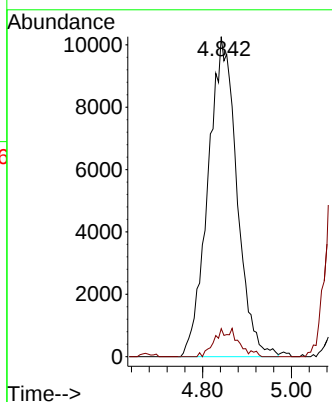
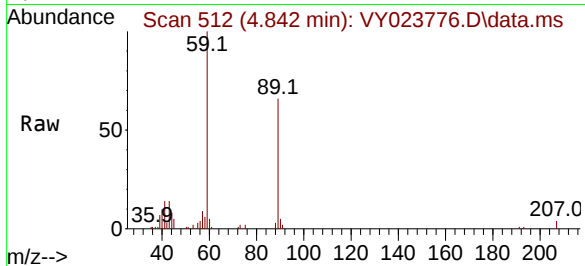




#11
Tert butyl alcohol
Concen: 154.737 ug/l
RT: 4.842 min Scan# 516
Delta R.T. -0.024 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

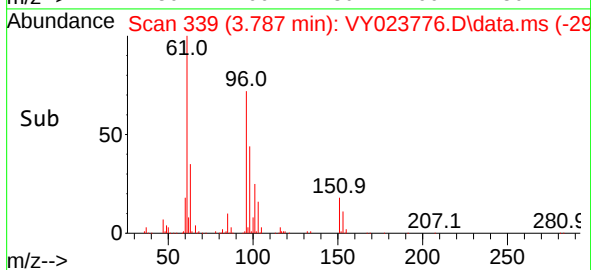
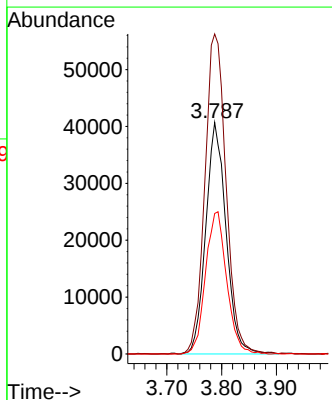
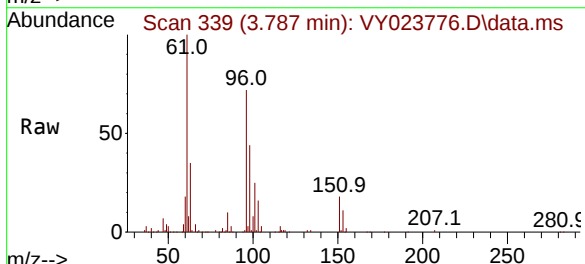
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

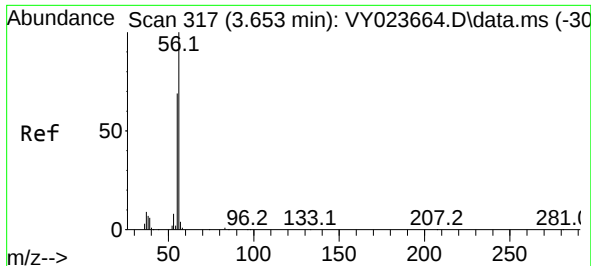
Tgt Ion: 59 Resp: 46387
Ion Ratio Lower Upper
59 100
57 4.4 7.4 11.2#



#12
1,1-Dichloroethene
Concen: 21.469 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.006 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

Tgt Ion: 96 Resp: 104547
Ion Ratio Lower Upper
96 100
61 138.3 114.0 171.0
98 60.7 50.2 75.2

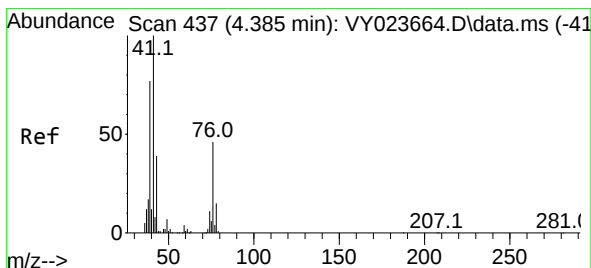
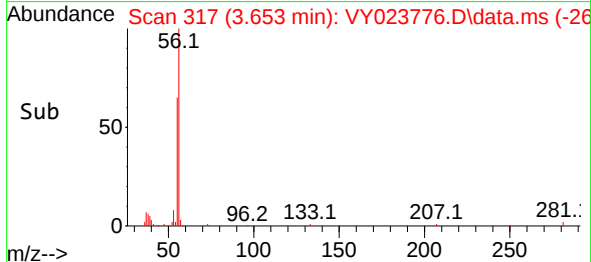
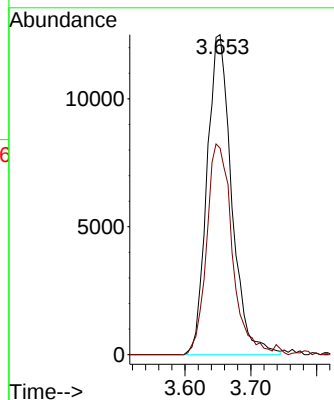
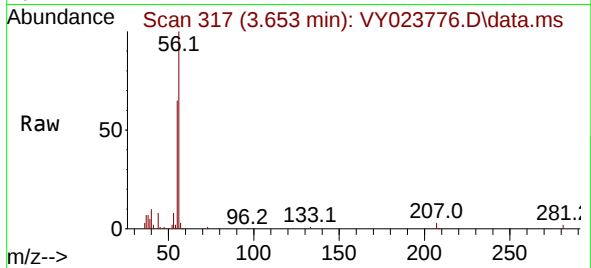




#13
Acrolein
Concen: 84.498 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

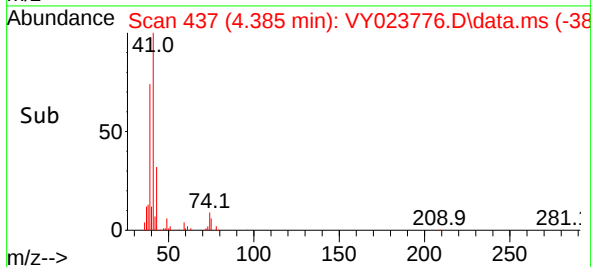
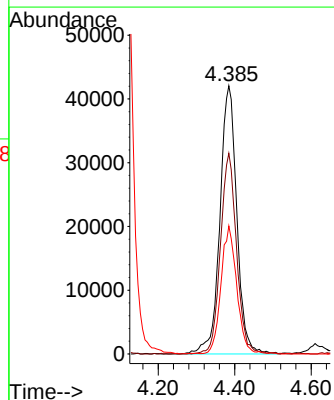
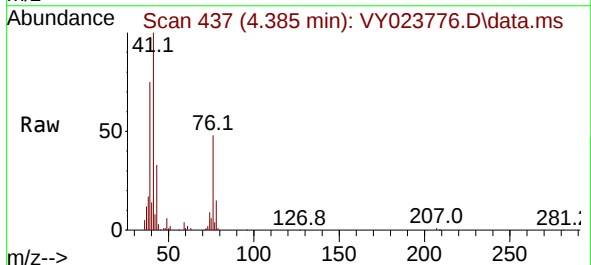
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

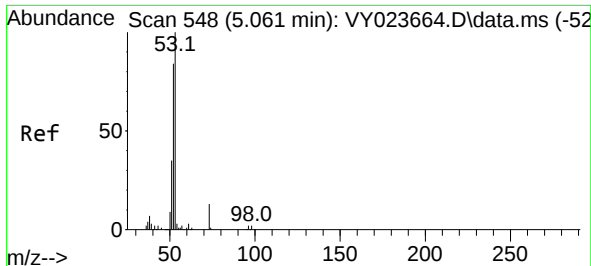
Tgt Ion: 56 Resp: 32558
Ion Ratio Lower Upper
56 100
55 68.3 56.6 84.8



#14
Allyl chloride
Concen: 21.804 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

Tgt Ion: 41 Resp: 129235
Ion Ratio Lower Upper
41 100
39 71.3 60.4 90.6
76 44.0 38.0 57.0

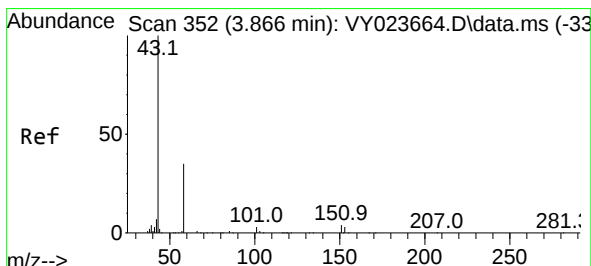
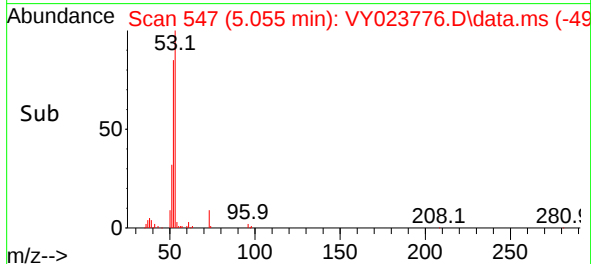
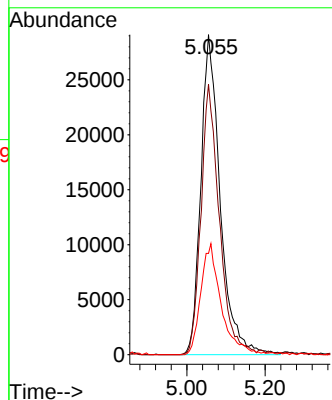
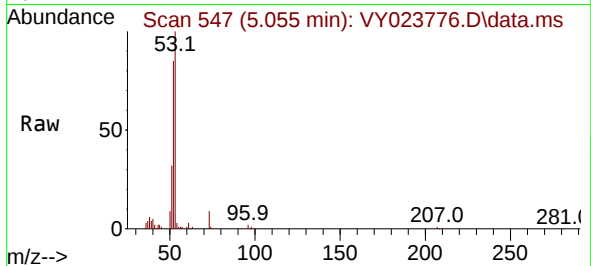




#15
Acrylonitrile
Concen: 106.484 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

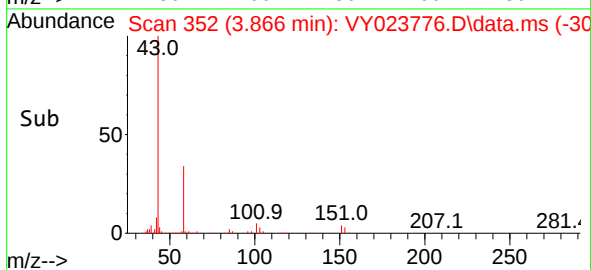
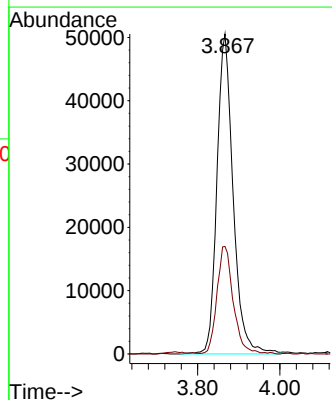
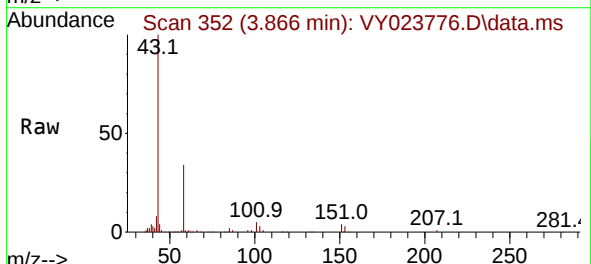
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

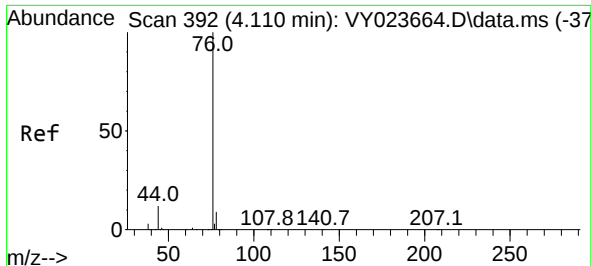
Tgt Ion: 53 Resp: 100126
Ion Ratio Lower Upper
53 100
52 79.9 64.9 97.3
51 36.3 29.4 44.0



#16
Acetone
Concen: 119.550 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

Tgt Ion: 43 Resp: 138157
Ion Ratio Lower Upper
43 100
58 33.6 28.2 42.4

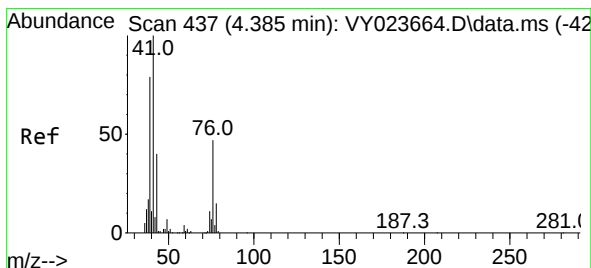
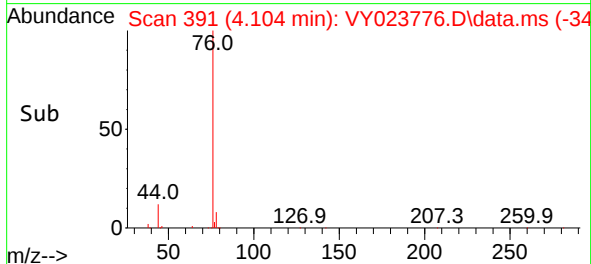
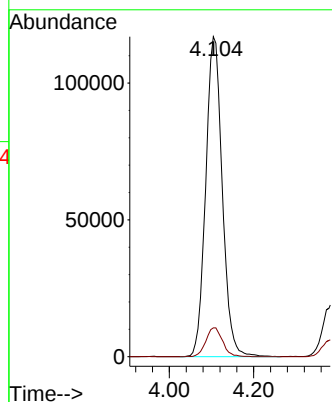
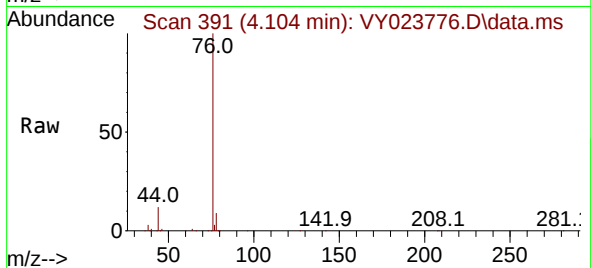




#17
Carbon Disulfide
Concen: 21.422 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

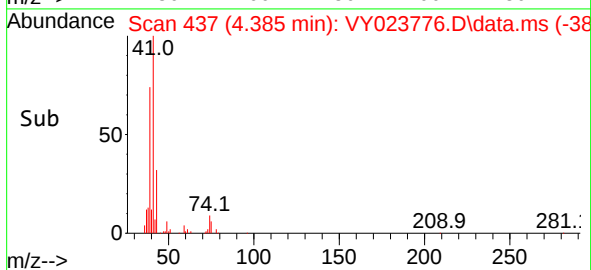
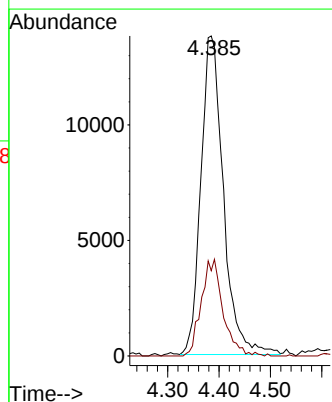
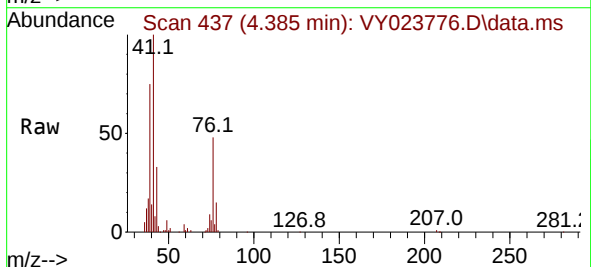
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

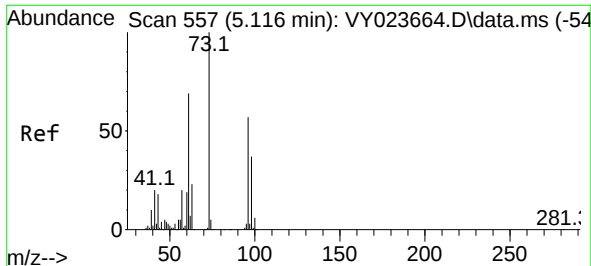
Tgt Ion: 76 Resp: 320170
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 16.495 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

Tgt Ion: 43 Resp: 42045
Ion Ratio Lower Upper
43 100
74 29.0 22.5 33.7

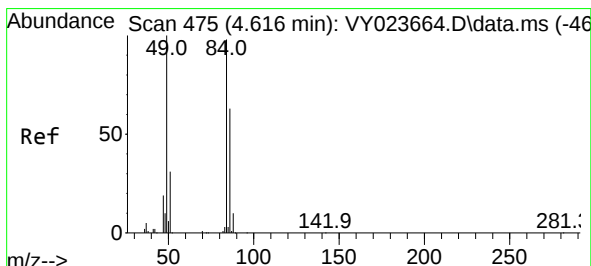
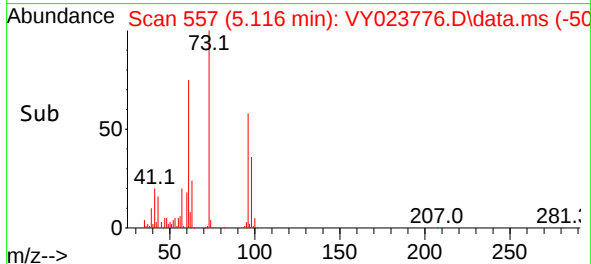
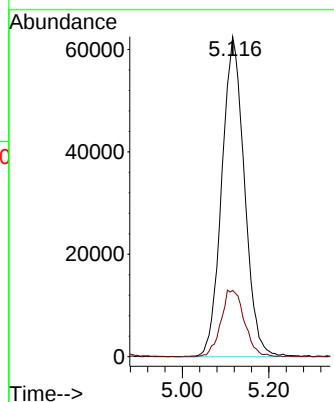
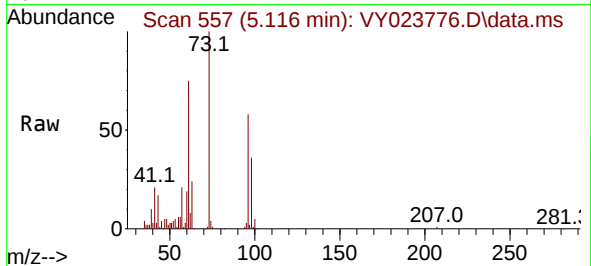




#19
Methyl tert-butyl Ether
Concen: 20.120 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

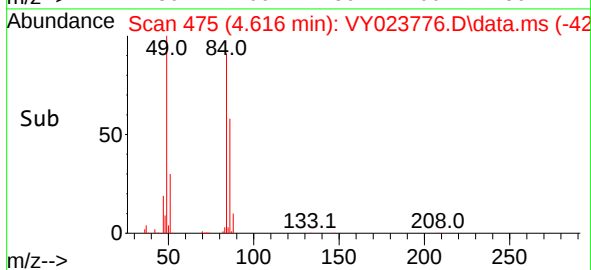
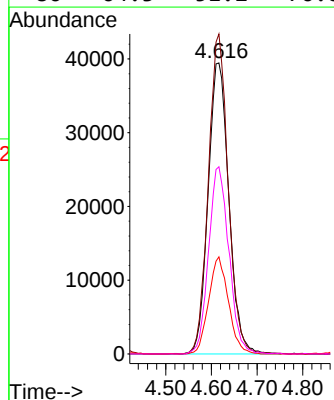
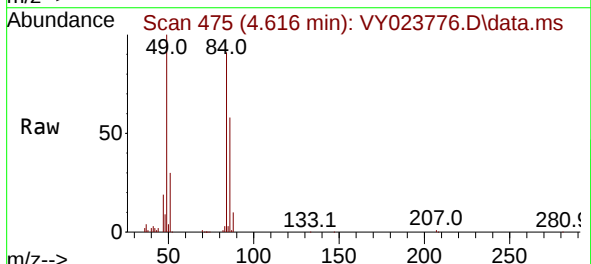
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

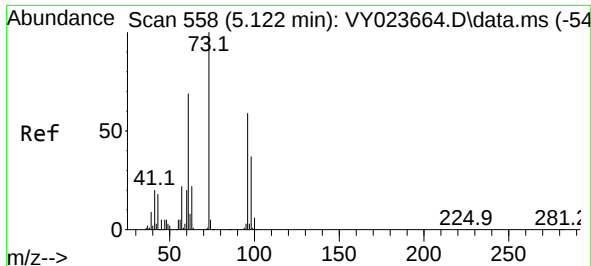
Tgt Ion: 73 Resp: 227189
Ion Ratio Lower Upper
73 100
57 20.7 16.1 24.1



#20
Methylene Chloride
Concen: 22.281 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

Tgt Ion: 84 Resp: 124301
Ion Ratio Lower Upper
84 100
49 110.0 81.5 122.3
51 33.4 25.5 38.3
86 64.3 51.2 76.8

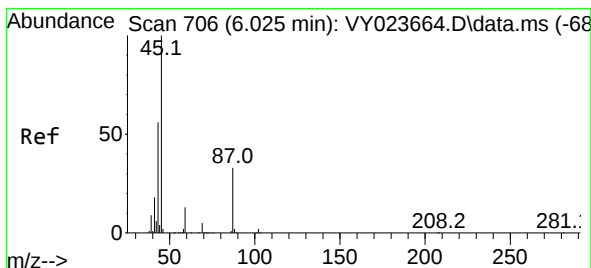
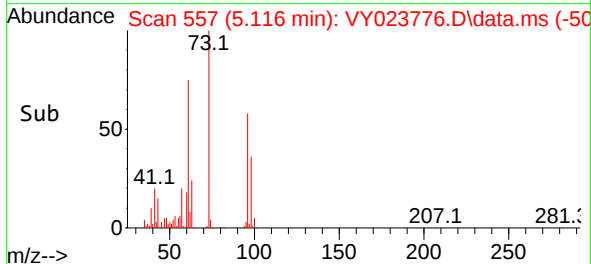
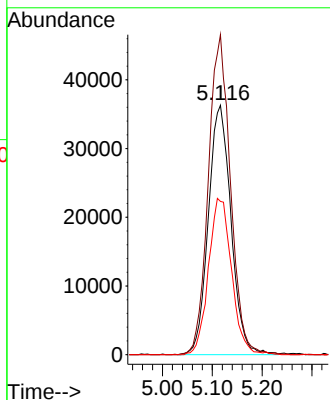
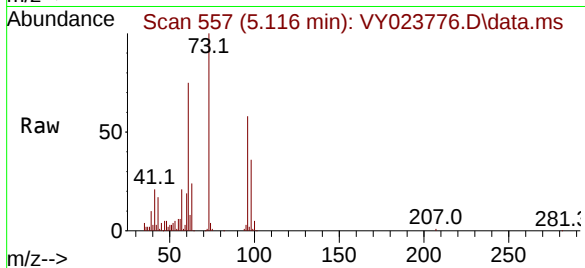




#21
trans-1,2-Dichloroethene
Concen: 20.944 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

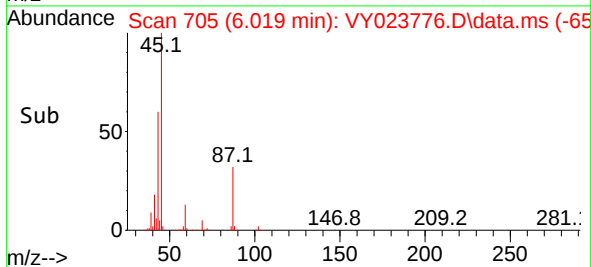
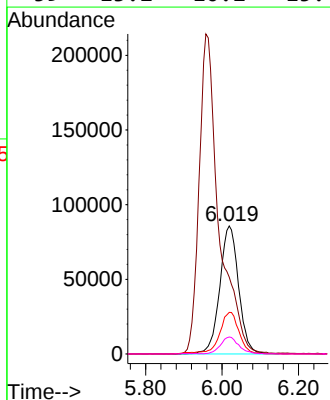
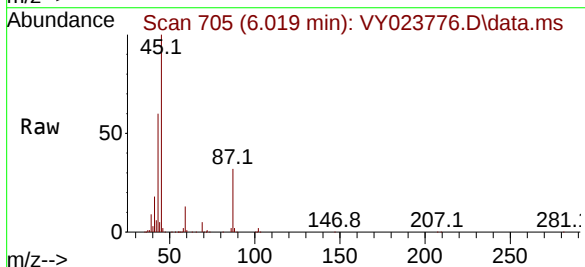
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

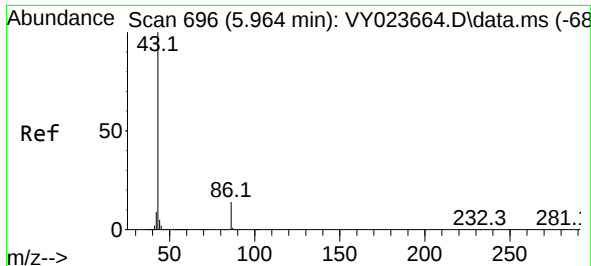
Tgt Ion: 96 Resp: 114996
Ion Ratio Lower Upper
96 100
61 128.3 93.3 139.9
98 61.5 50.6 75.8



#22
Diisopropyl ether
Concen: 22.185 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

Tgt Ion: 45 Resp: 293002
Ion Ratio Lower Upper
45 100
43 60.0 44.7 67.1
87 32.4 27.2 40.8
59 13.2 10.2 15.4

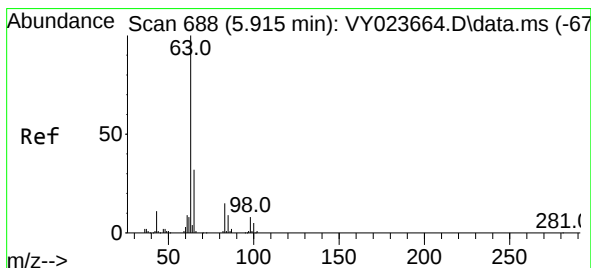
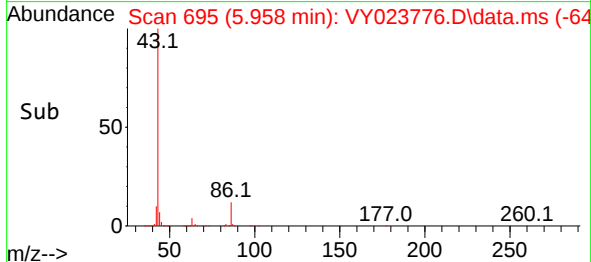
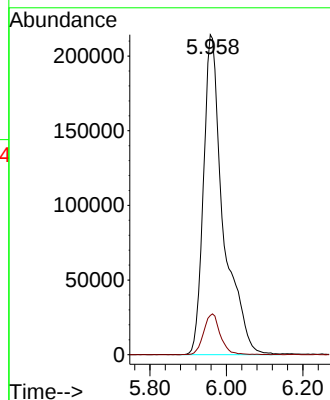
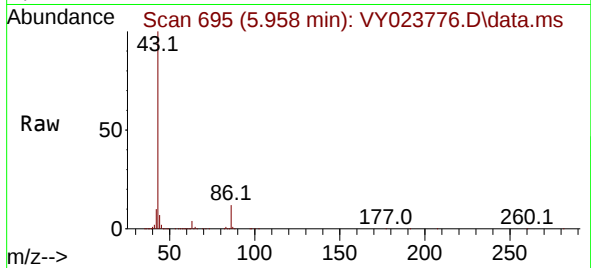




#23
 Vinyl Acetate
 Concen: 109.596 ug/l
 RT: 5.958 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY023776.D
 Acq: 13 Nov 2025 10:46

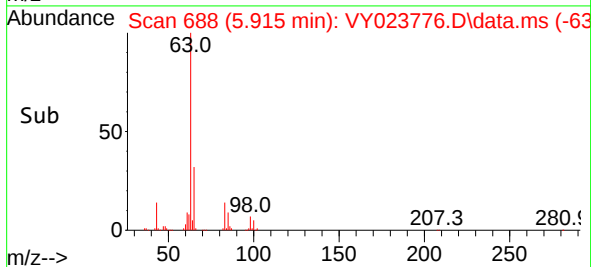
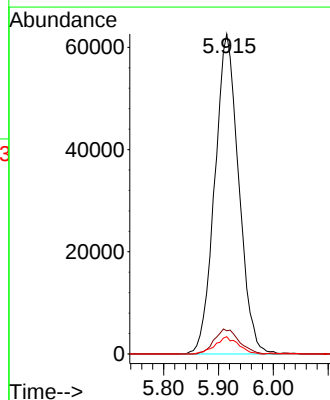
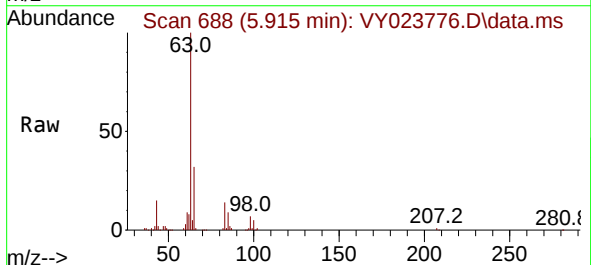
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1113SBS01

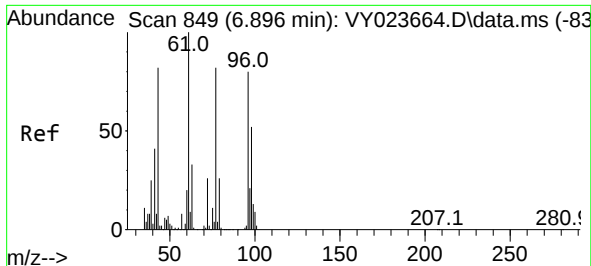
Tgt Ion: 43 Resp: 772434
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 21.582 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY023776.D
 Acq: 13 Nov 2025 10:46

Tgt Ion: 63 Resp: 189891
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.0 11.9
 100 5.4 2.6 7.8

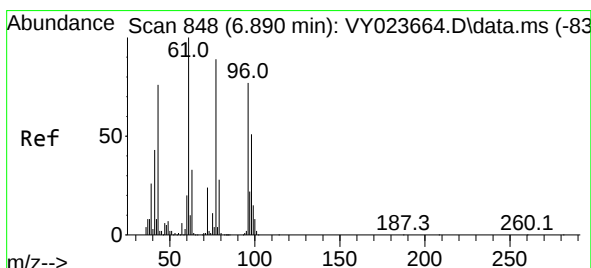
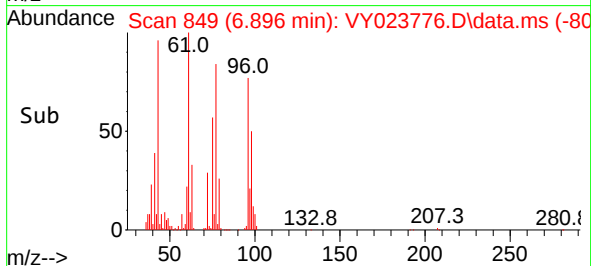
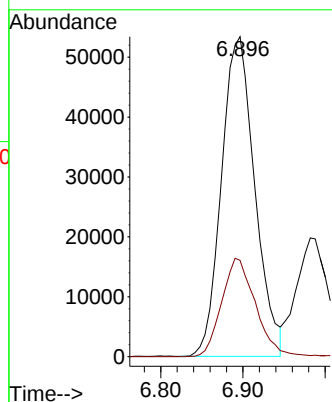
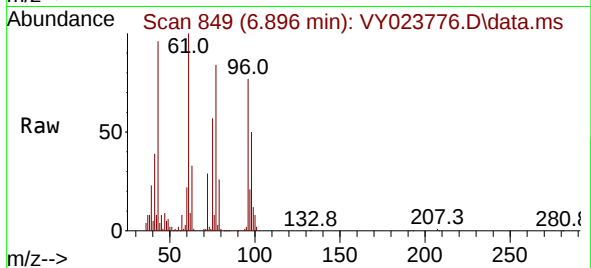




#25
2-Butanone
Concen: 112.546 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

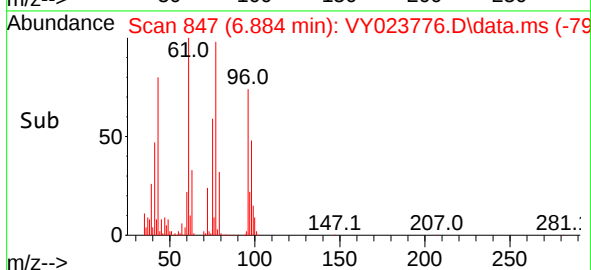
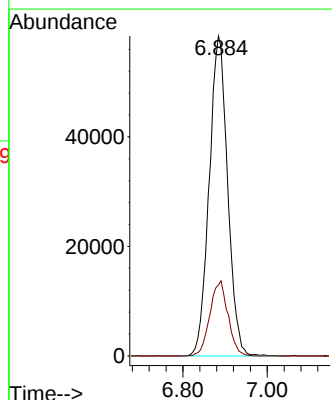
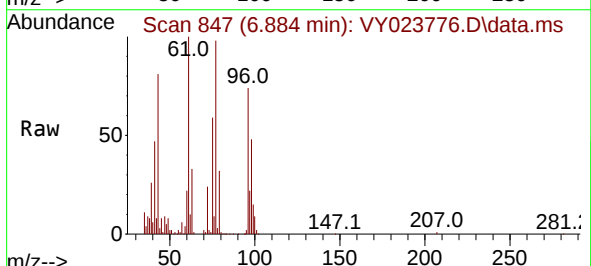
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

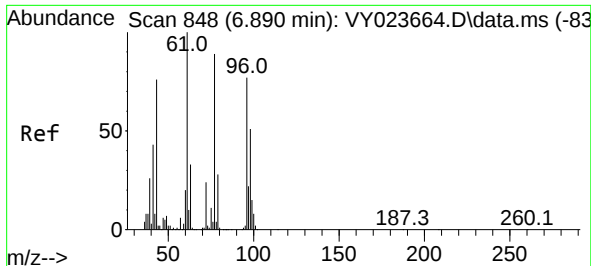
Tgt Ion: 43 Resp: 150376
Ion Ratio Lower Upper
43 100
72 30.2 25.7 38.5



#26
2,2-Dichloropropane
Concen: 21.945 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

Tgt Ion: 77 Resp: 177614
Ion Ratio Lower Upper
77 100
97 23.0 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 20.644 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY023776.D

Acq: 13 Nov 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01

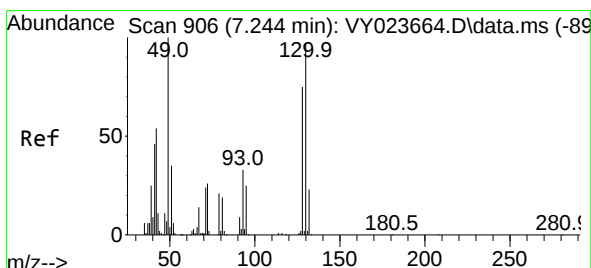
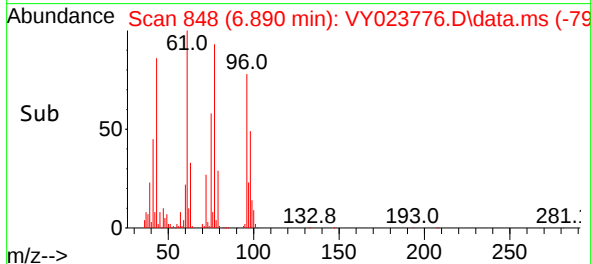
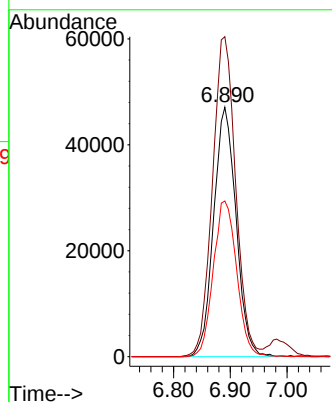
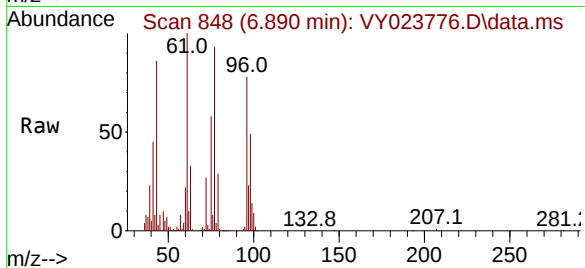
Tgt Ion: 96 Resp: 129453

Ion Ratio Lower Upper

96 100

61 133.0 0.0 255.0

98 65.0 0.0 129.8



#28

Bromochloromethane

Concen: 21.597 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023776.D

Acq: 13 Nov 2025 10:46

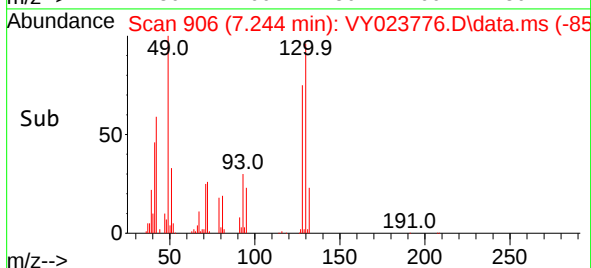
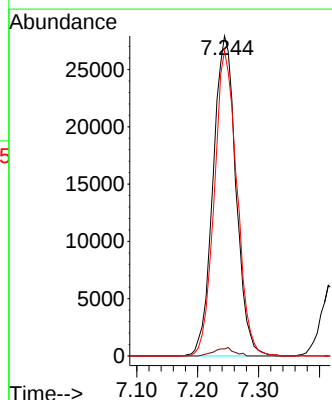
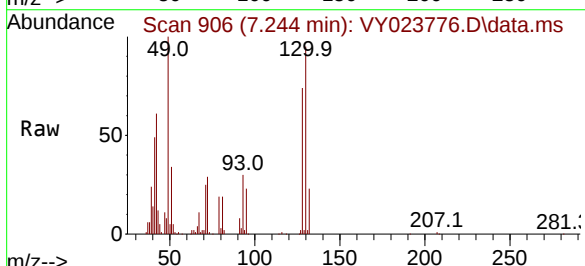
Tgt Ion: 49 Resp: 72758

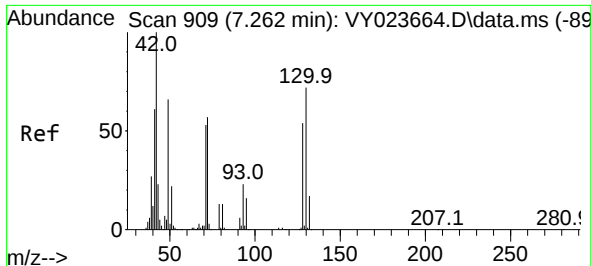
Ion Ratio Lower Upper

49 100

129 2.2 0.0 5.0

130 94.2 80.1 120.1





#29

Tetrahydrofuran

Concen: 102.773 ug/l

RT: 7.256 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY023776.D

Acq: 13 Nov 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01

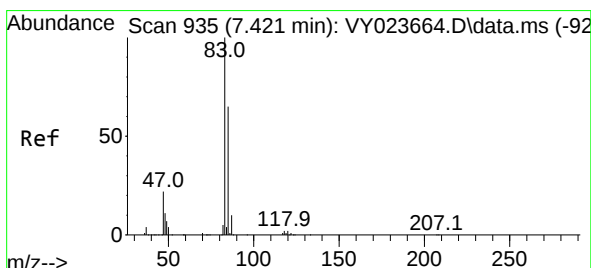
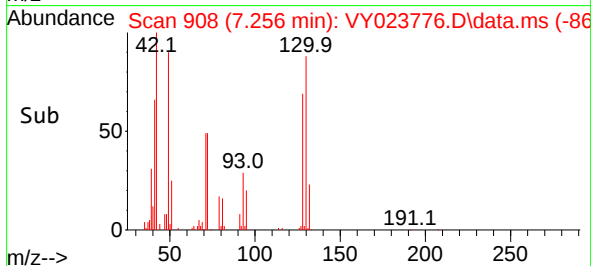
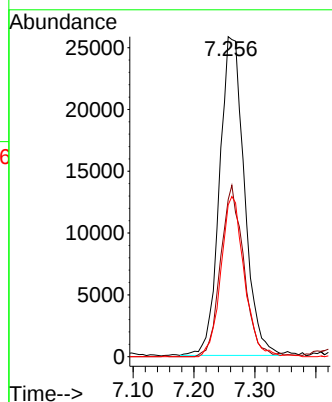
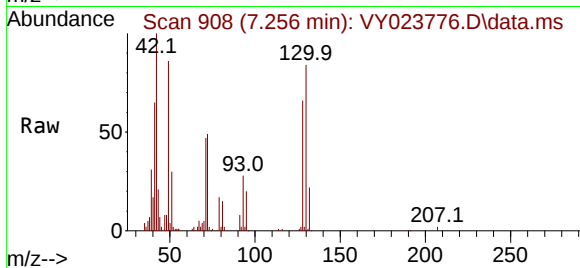
Tgt Ion: 42 Resp: 73131

Ion Ratio Lower Upper

42 100

72 50.4 43.4 65.2

71 47.2 40.7 61.1



#30

Chloroform

Concen: 21.336 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY023776.D

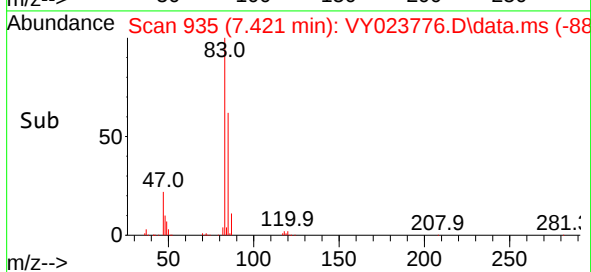
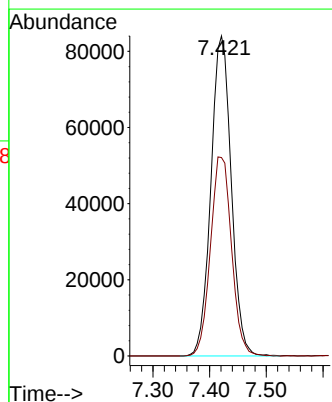
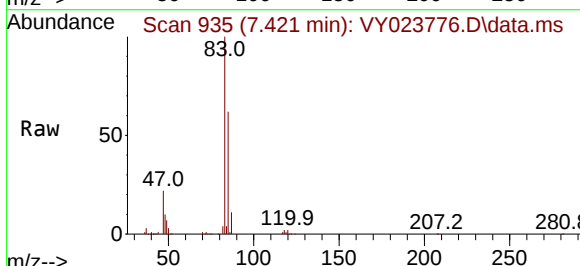
Acq: 13 Nov 2025 10:46

Tgt Ion: 83 Resp: 209452

Ion Ratio Lower Upper

83 100

85 62.0 52.1 78.1

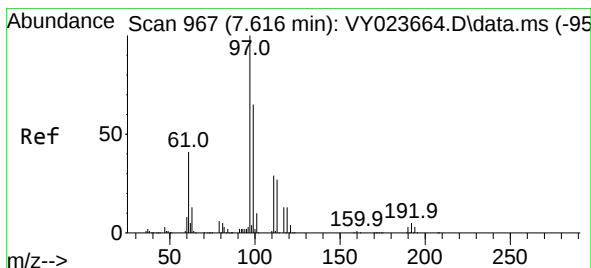
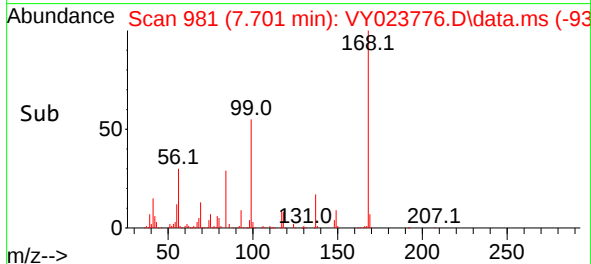
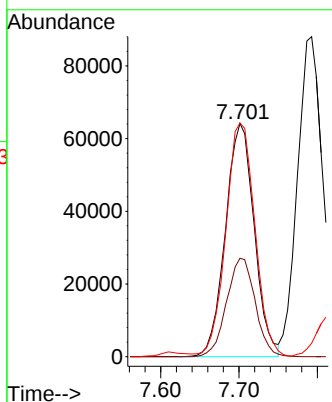
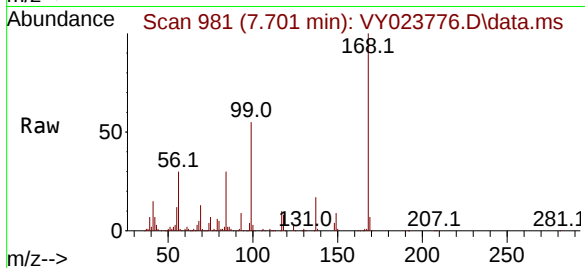




#31
Cyclohexane
Concen: 21.420 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

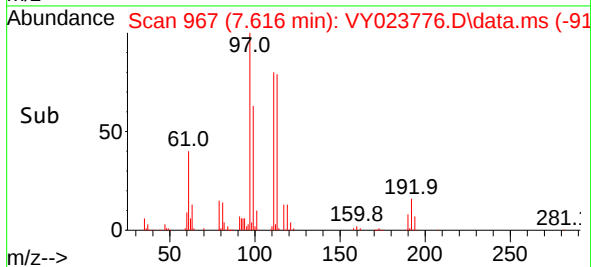
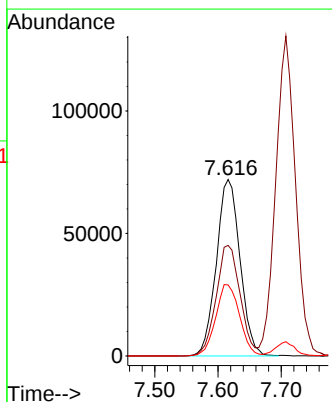
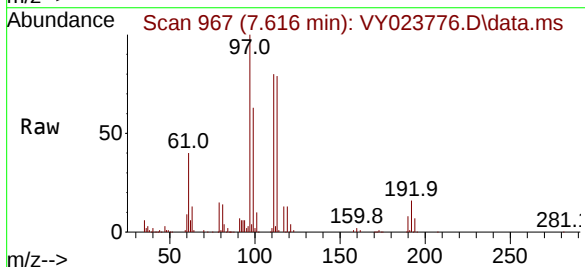
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

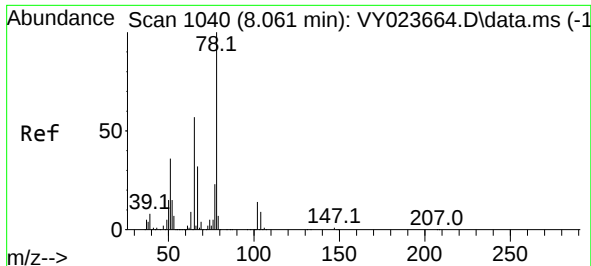
Tgt Ion: 56 Resp: 164132
Ion Ratio Lower Upper
56 100
69 42.2 30.5 45.7
84 98.7 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 21.315 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

Tgt Ion: 97 Resp: 187015
Ion Ratio Lower Upper
97 100
99 63.1 51.5 77.3
61 40.9 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 50.693 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY023776.D

Acq: 13 Nov 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

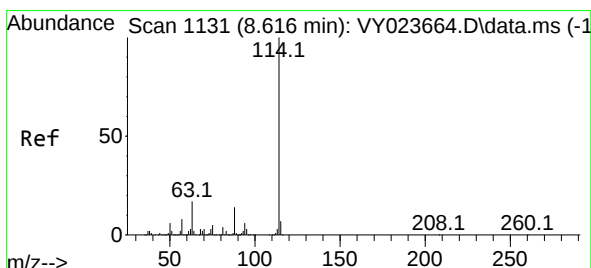
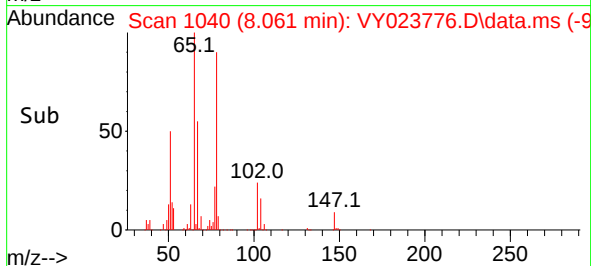
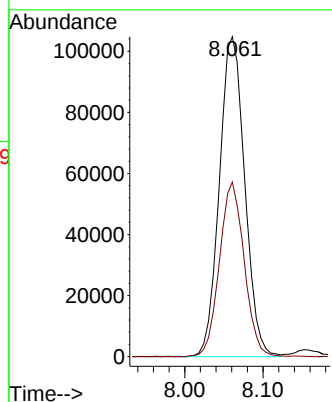
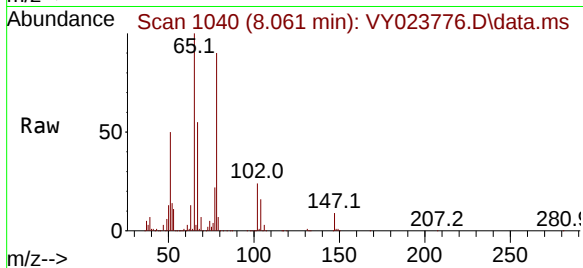
VY1113SBS01

Tgt Ion: 65 Resp: 235681

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023776.D

Acq: 13 Nov 2025 10:46

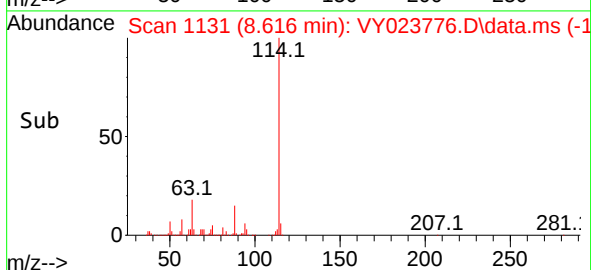
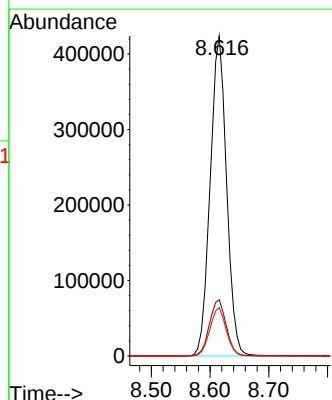
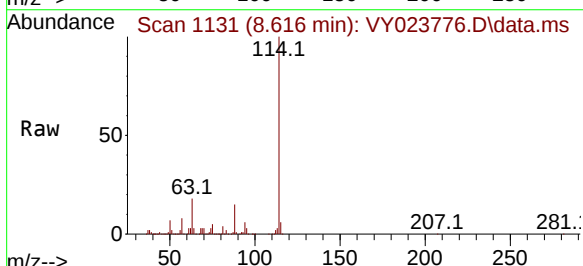
Tgt Ion: 114 Resp: 820567

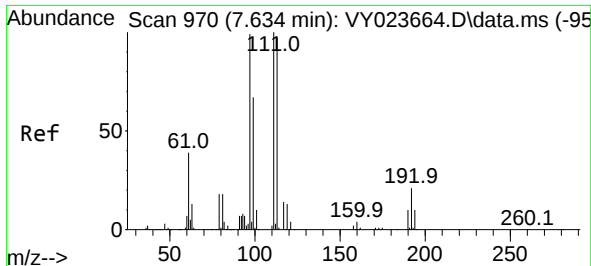
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.8

88 15.1 0.0 29.0

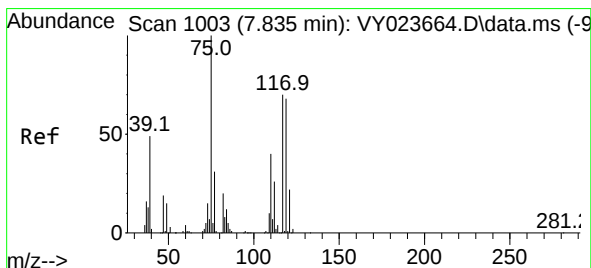
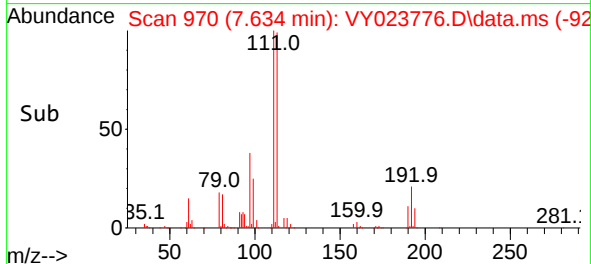
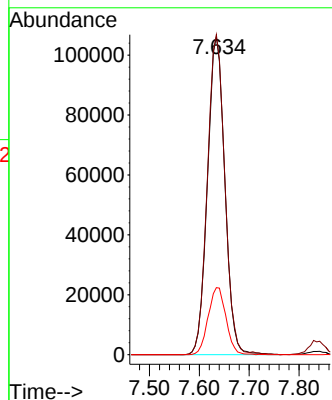
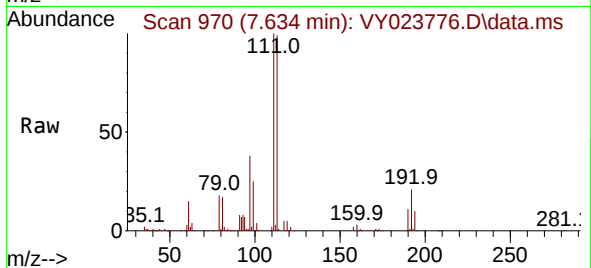




#35
Dibromofluoromethane
Concen: 50.105 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

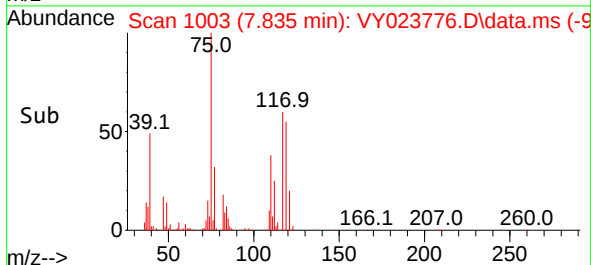
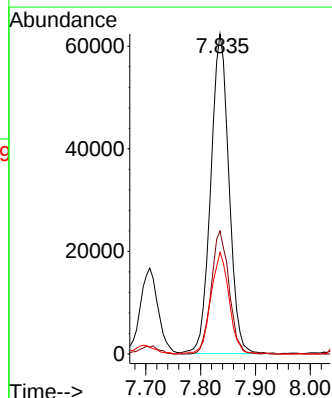
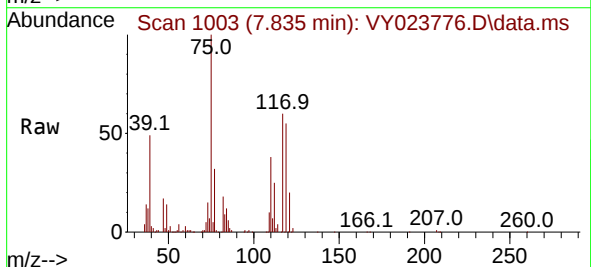
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

Tgt Ion:113 Resp: 256940
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.4
192 21.6 17.3 25.9



#36
1,1-Dichloropropene
Concen: 20.967 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

Tgt Ion: 75 Resp: 143675
Ion Ratio Lower Upper
75 100
110 37.7 19.7 59.0
77 31.9 25.2 37.8

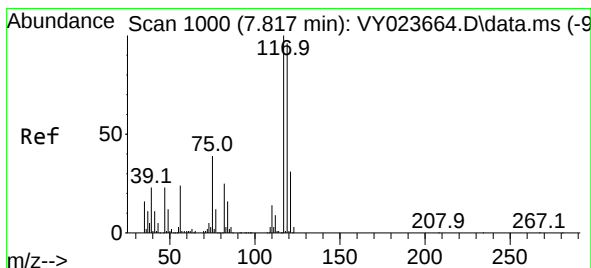
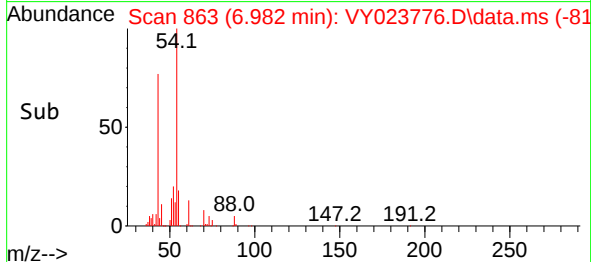
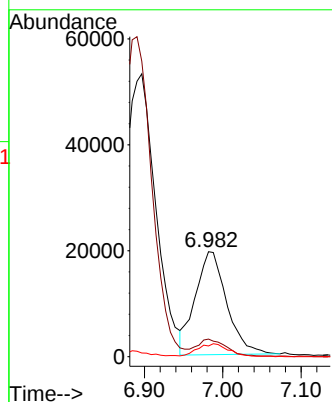
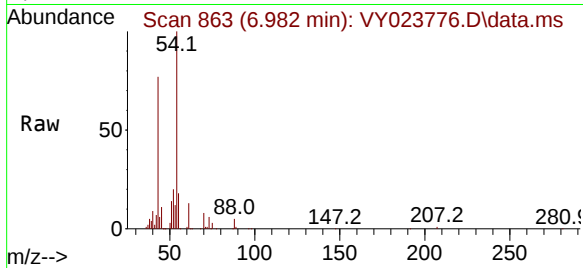




#37
Ethyl Acetate
Concen: 20.515 ug/l
RT: 6.982 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

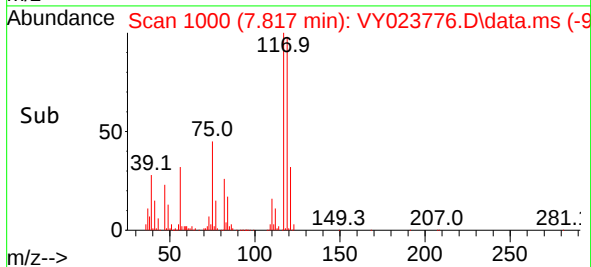
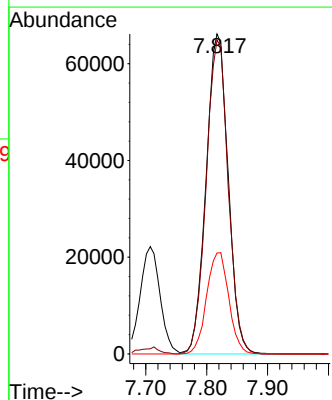
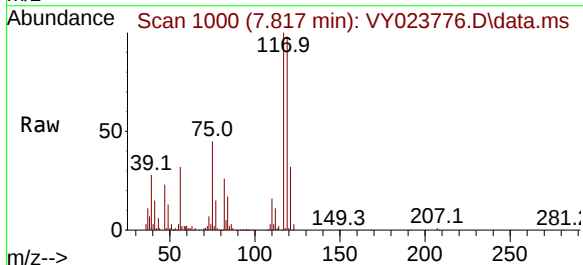
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

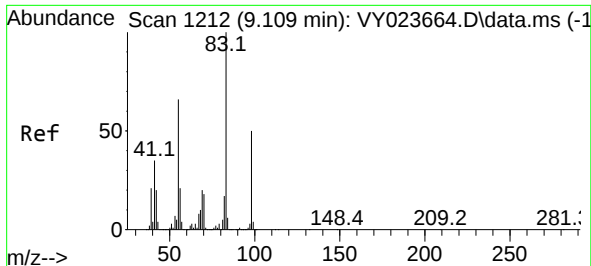
Tgt Ion: 43 Resp: 54421
Ion Ratio Lower Upper
43 100
61 16.0 12.4 18.6
70 12.5 9.8 14.8



#38
Carbon Tetrachloride
Concen: 20.652 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

Tgt Ion: 117 Resp: 166738
Ion Ratio Lower Upper
117 100
119 98.1 76.3 114.5
121 31.5 24.8 37.2





#39

Methylcyclohexane

Concen: 20.169 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023776.D

Acq: 13 Nov 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01

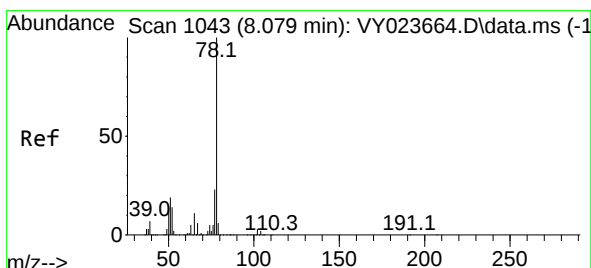
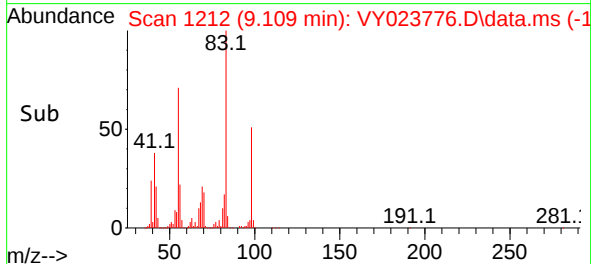
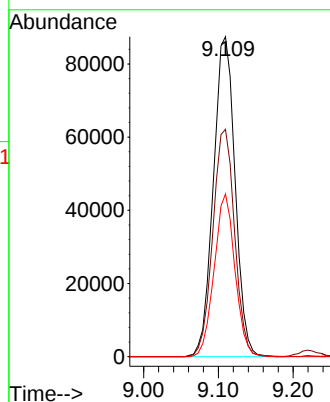
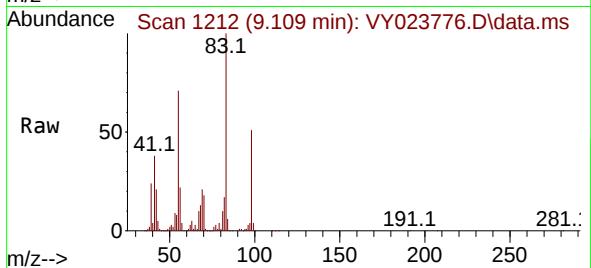
Tgt Ion: 83 Resp: 176587

Ion Ratio Lower Upper

83 100

55 71.0 52.6 78.8

98 50.9 39.7 59.5



#40

Benzene

Concen: 21.171 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY023776.D

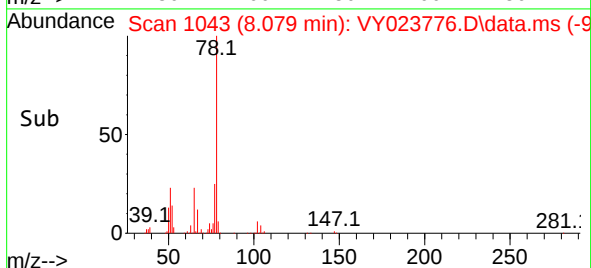
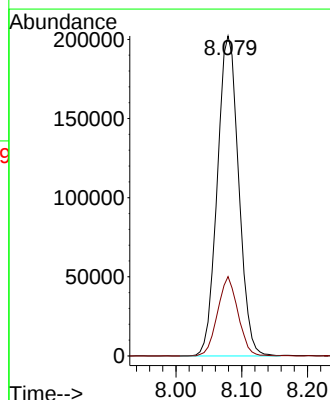
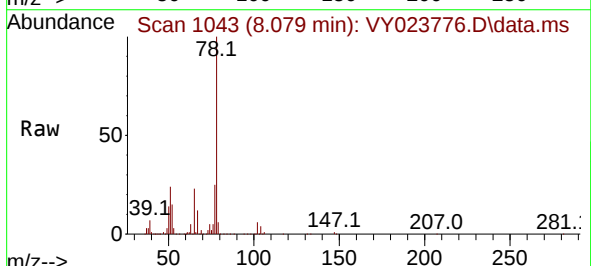
Acq: 13 Nov 2025 10:46

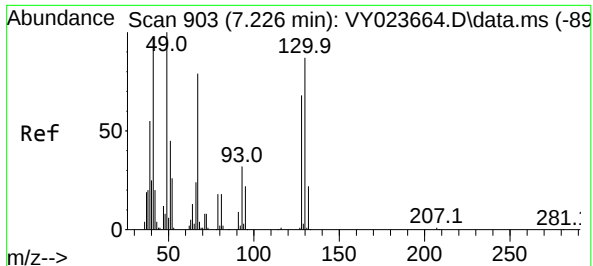
Tgt Ion: 78 Resp: 457268

Ion Ratio Lower Upper

78 100

77 24.8 18.8 28.2

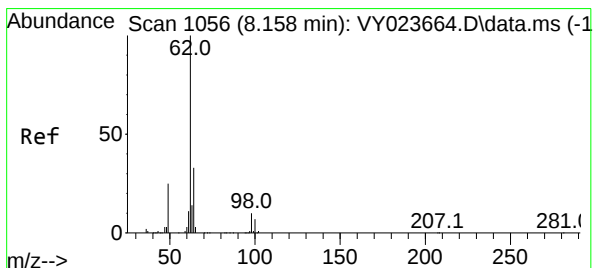
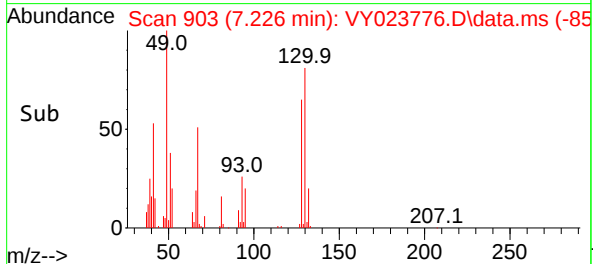
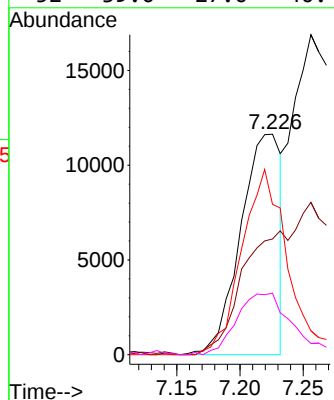
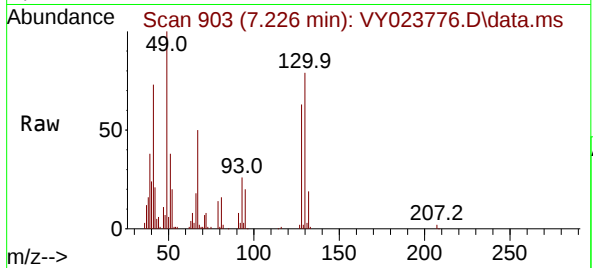




#41
Methacrylonitrile
Concen: 17.766 ug/l
RT: 7.226 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

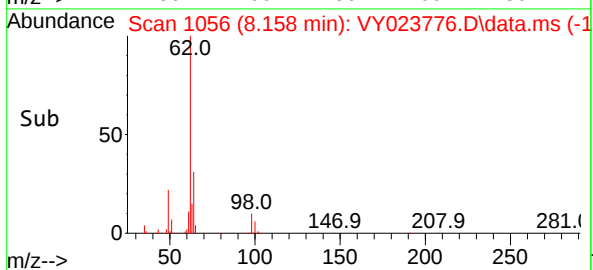
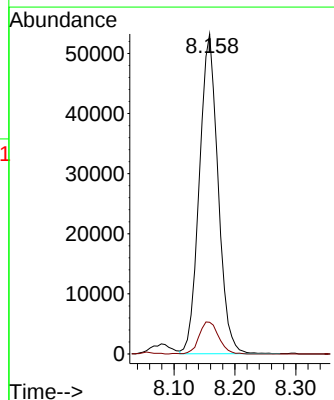
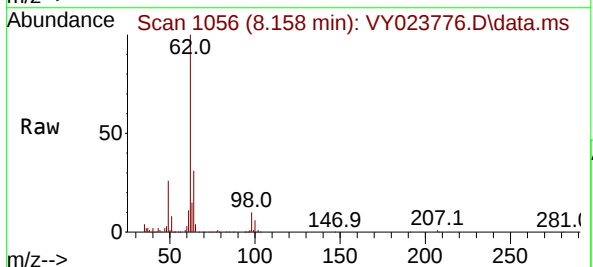
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

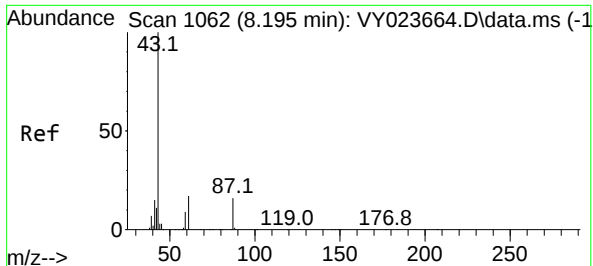
Tgt Ion: 41 Resp: 25725
Ion Ratio Lower Upper
41 100
39 0.0 38.6 57.8#
67 97.6 71.3 106.9
52 39.0 27.0 40.4



#42
1,2-Dichloroethane
Concen: 20.739 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

Tgt Ion: 62 Resp: 113325
Ion Ratio Lower Upper
62 100
98 10.6 0.0 21.0





#43

Isopropyl Acetate

Concen: 20.365 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY023776.D

Acq: 13 Nov 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01

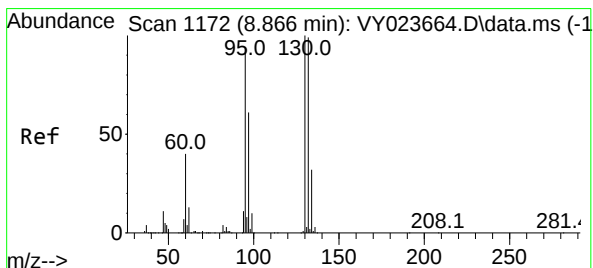
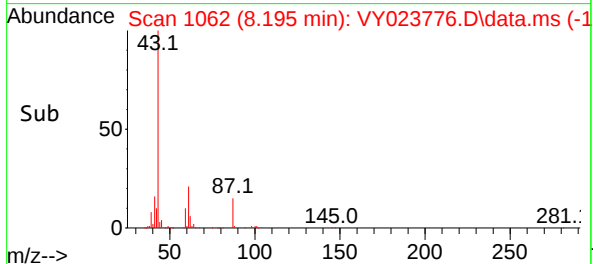
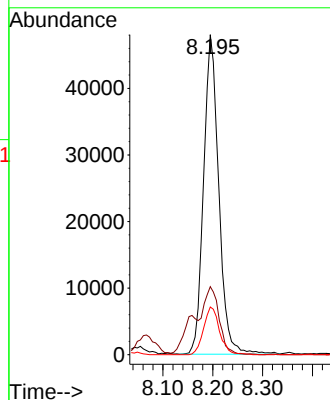
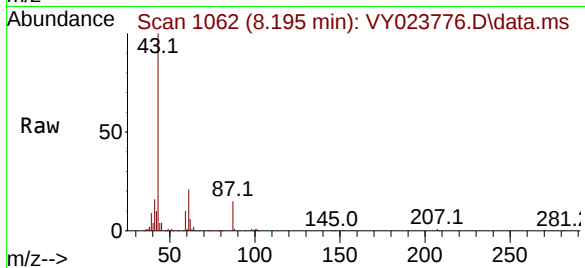
Tgt Ion: 43 Resp: 101503

Ion Ratio Lower Upper

43 100

61 22.1 18.2 27.2

87 15.7 13.3 19.9



#44

Trichloroethene

Concen: 20.150 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY023776.D

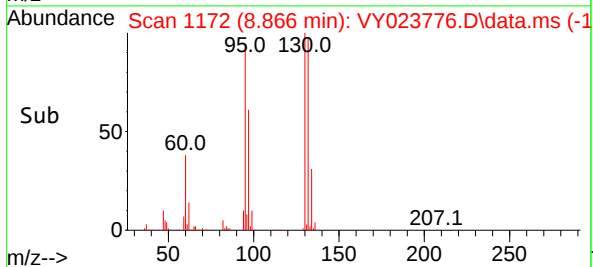
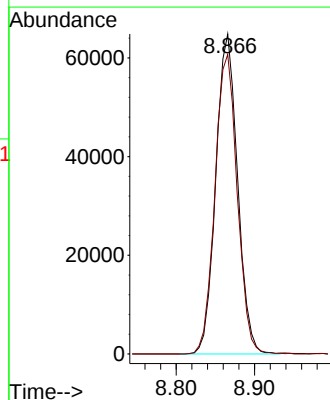
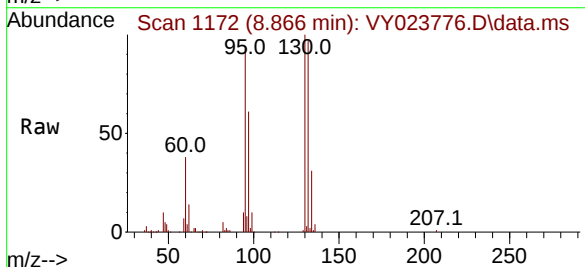
Acq: 13 Nov 2025 10:46

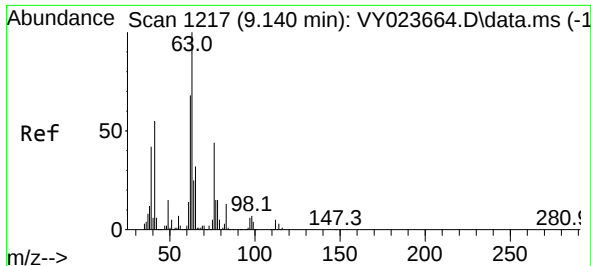
Tgt Ion:130 Resp: 125002

Ion Ratio Lower Upper

130 100

95 93.6 0.0 187.0





#45

1,2-Dichloropropane

Concen: 21.064 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023776.D

Acq: 13 Nov 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

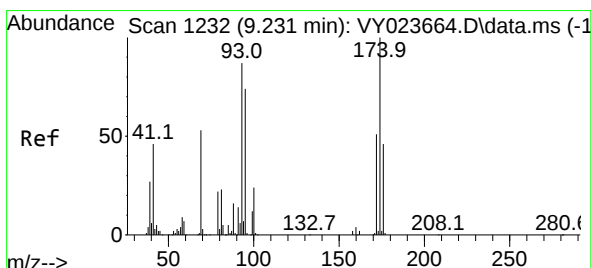
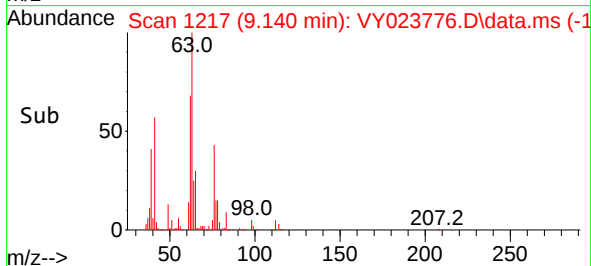
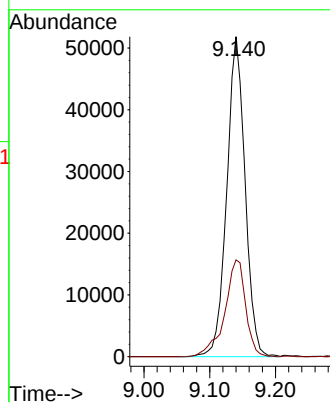
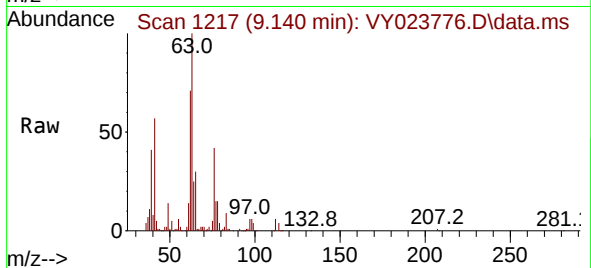
VY1113SBS01

Tgt Ion: 63 Resp: 100412

Ion Ratio Lower Upper

63 100

65 30.2 25.6 38.4



#46

Dibromomethane

Concen: 20.678 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023776.D

Acq: 13 Nov 2025 10:46

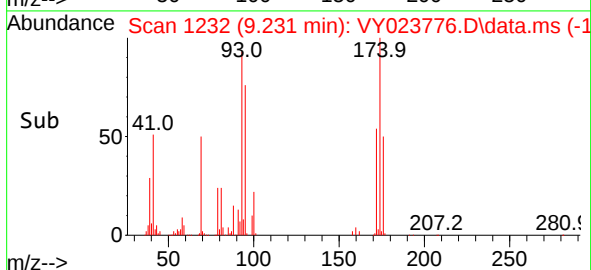
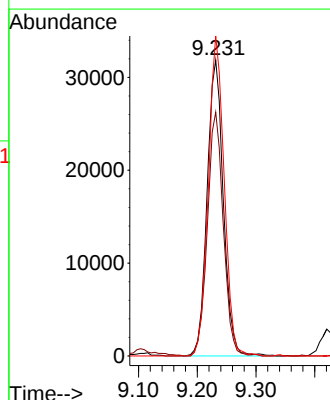
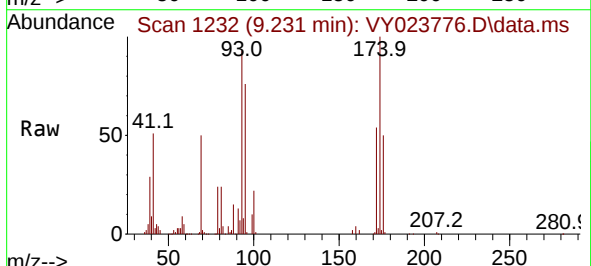
Tgt Ion: 93 Resp: 61074

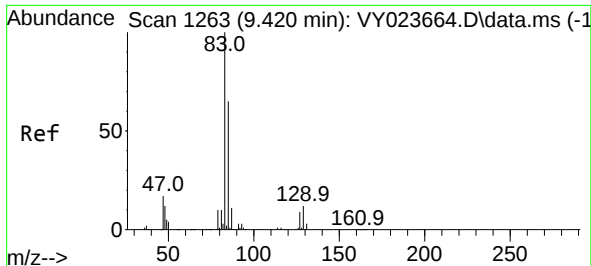
Ion Ratio Lower Upper

93 100

95 81.1 67.4 101.2

174 105.9 89.4 134.0





#47

Bromodichloromethane

Concen: 20.986 ug/l

RT: 9.420 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023776.D

Acq: 13 Nov 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01

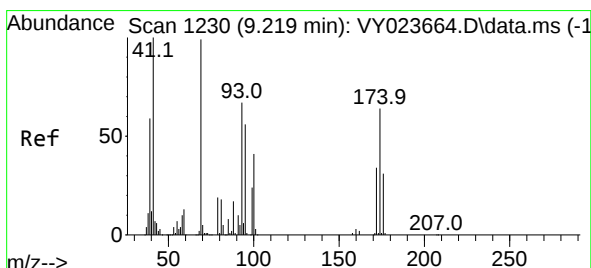
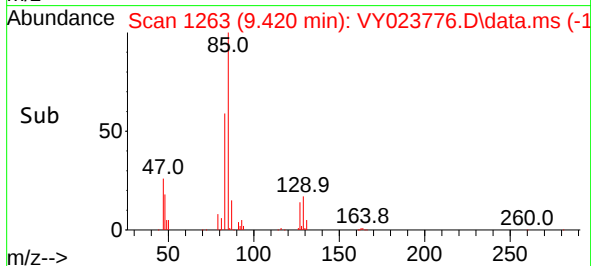
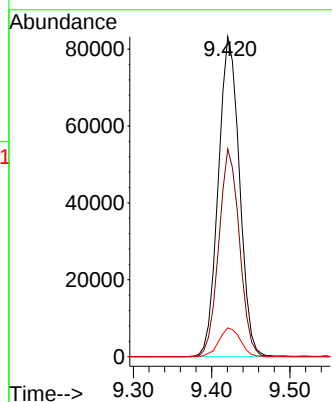
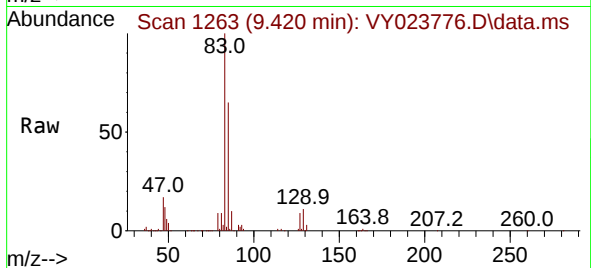
Tgt Ion: 83 Resp: 156275

Ion Ratio Lower Upper

83 100

85 64.9 52.1 78.1

127 9.0 7.5 11.3



#48

Methyl methacrylate

Concen: 18.711 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY023776.D

Acq: 13 Nov 2025 10:46

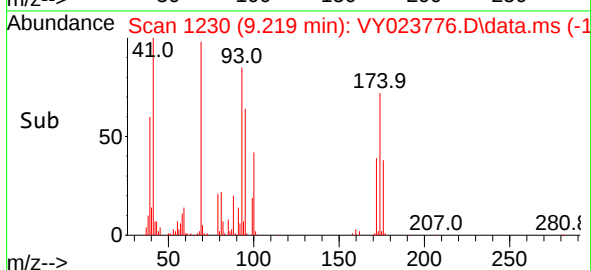
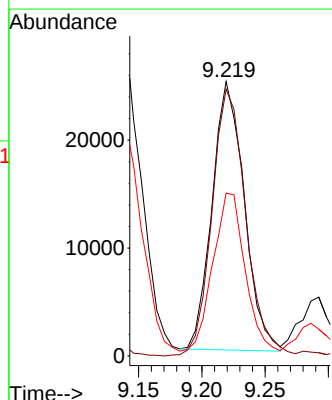
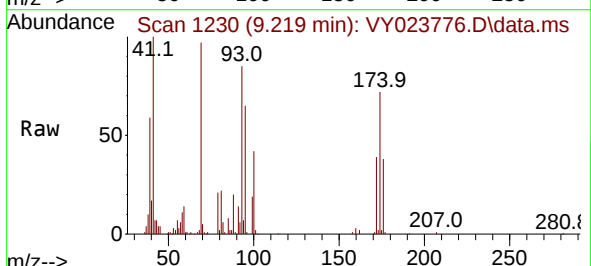
Tgt Ion: 41 Resp: 44060

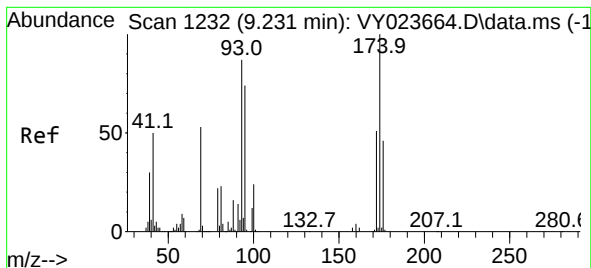
Ion Ratio Lower Upper

41 100

69 104.3 80.2 120.2

39 58.7 47.4 71.0





#49

1,4-Dioxane

Concen: 409.501 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY023776.D

Acq: 13 Nov 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01

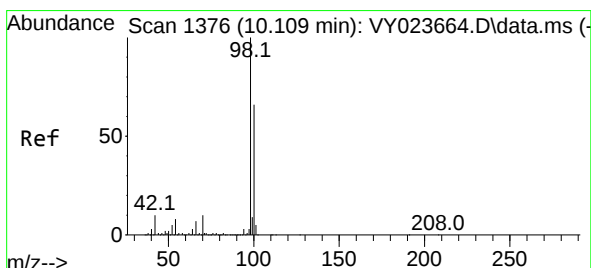
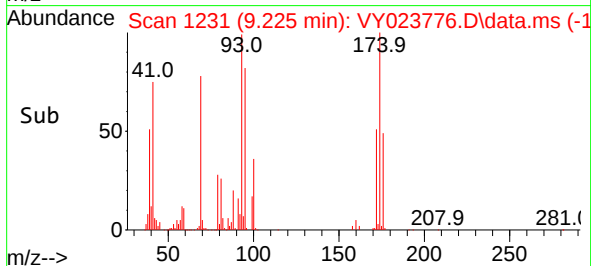
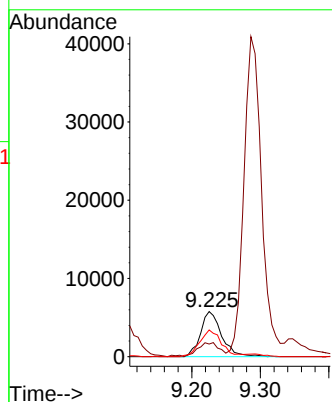
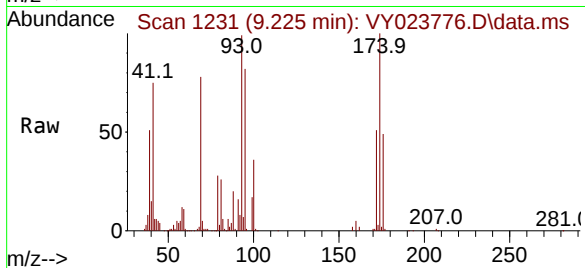
Tgt Ion: 88 Resp: 12378

Ion Ratio Lower Upper

88 100

43 31.3 22.0 33.0

58 61.0 47.8 71.8



#50

Toluene-d8

Concen: 51.094 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY023776.D

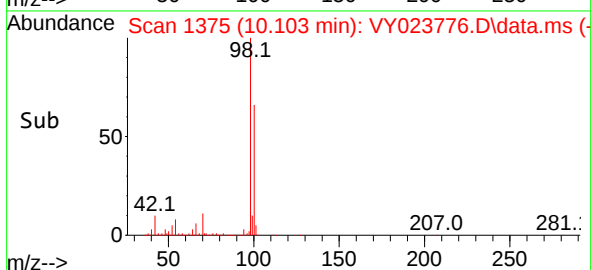
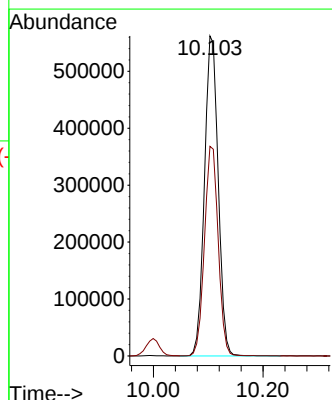
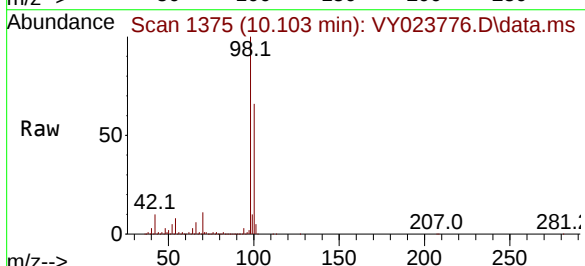
Acq: 13 Nov 2025 10:46

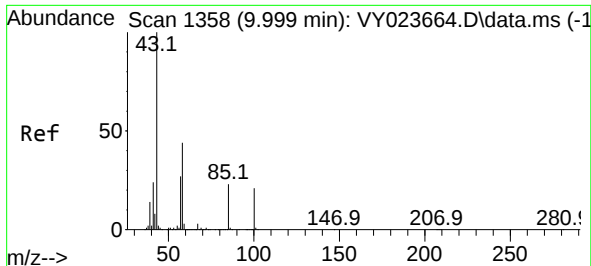
Tgt Ion: 98 Resp: 976007

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1

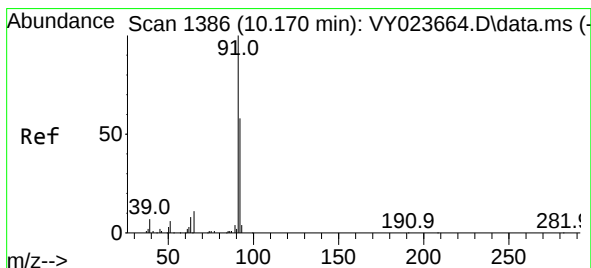
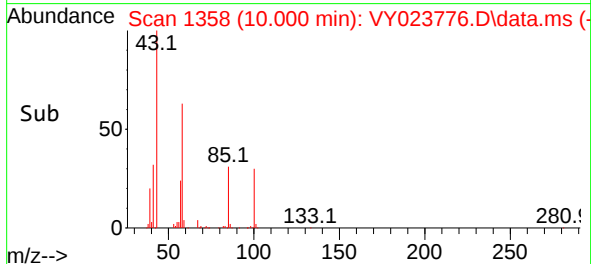
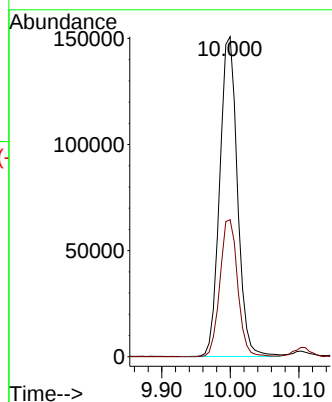
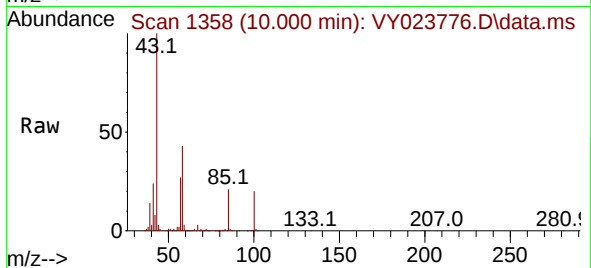




#51
4-Methyl-2-Pentanone
Concen: 101.958 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

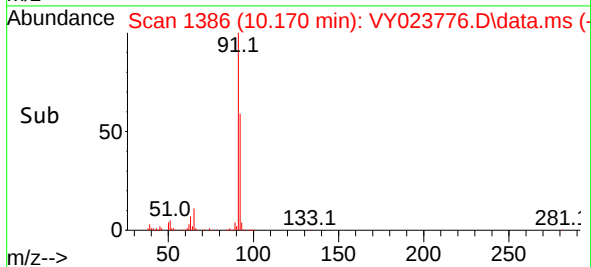
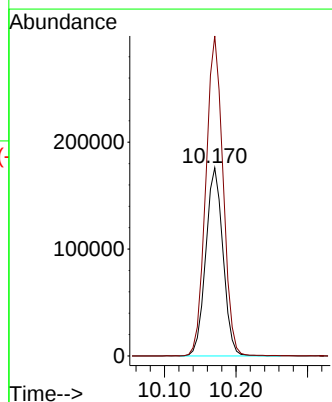
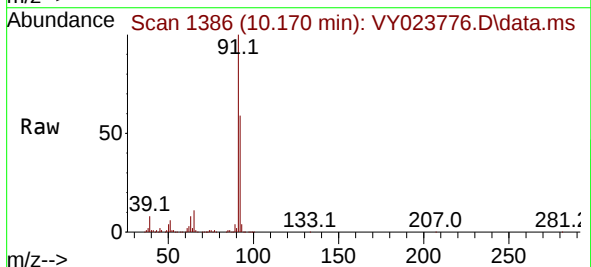
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

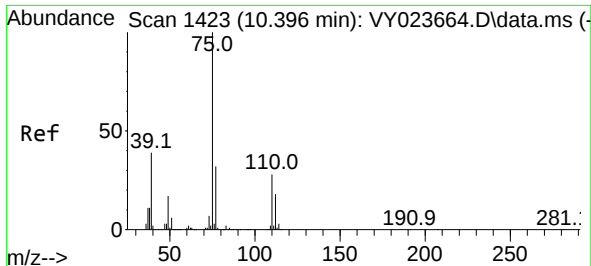
Tgt Ion: 43 Resp: 270250
Ion Ratio Lower Upper
43 100
58 42.8 34.8 52.2



#52
Toluene
Concen: 21.290 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

Tgt Ion: 92 Resp: 293575
Ion Ratio Lower Upper
92 100
91 170.4 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 20.376 ug/l

RT: 10.390 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VY023776.D

Acq: 13 Nov 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

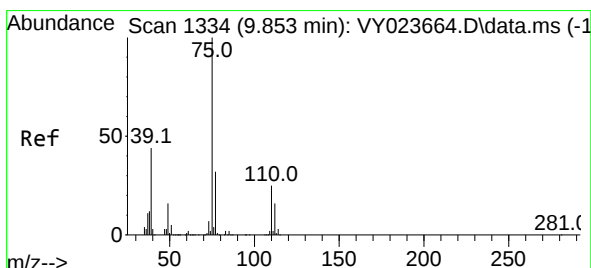
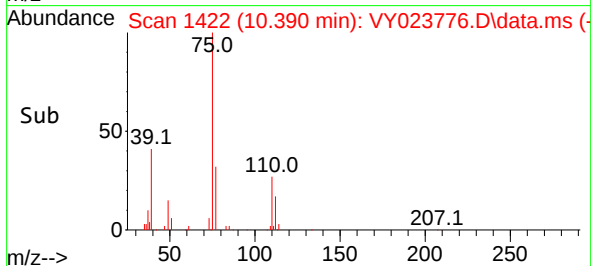
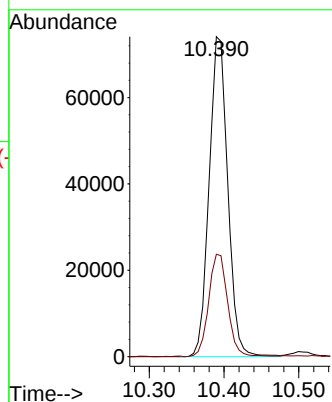
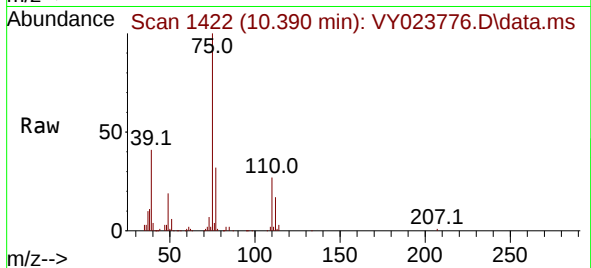
VY1113SBS01

Tgt Ion: 75 Resp: 128390

Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 20.734 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.000 min

Lab File: VY023776.D

Acq: 13 Nov 2025 10:46

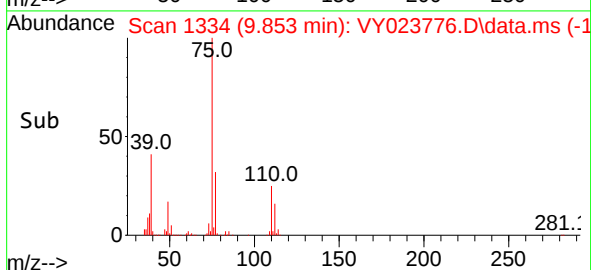
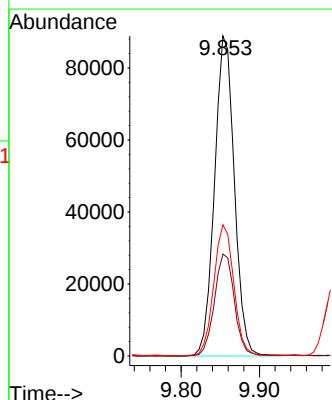
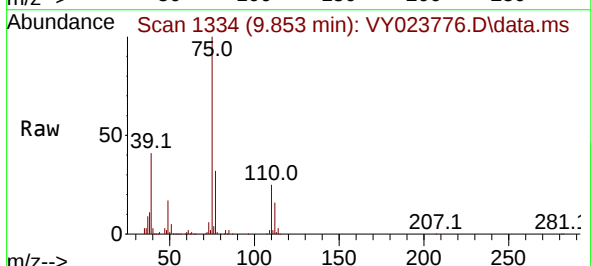
Tgt Ion: 75 Resp: 156524

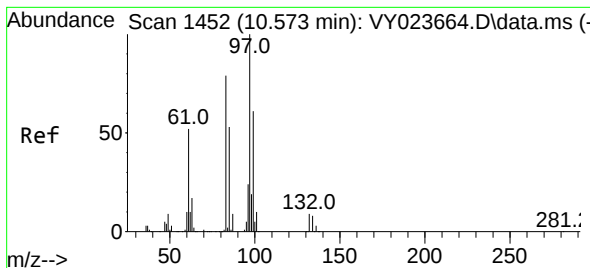
Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5

39 41.0 34.9 52.3





#55

1,1,2-Trichloroethane

Concen: 20.548 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY023776.D

Acq: 13 Nov 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01

Tgt Ion: 97 Resp: 81108

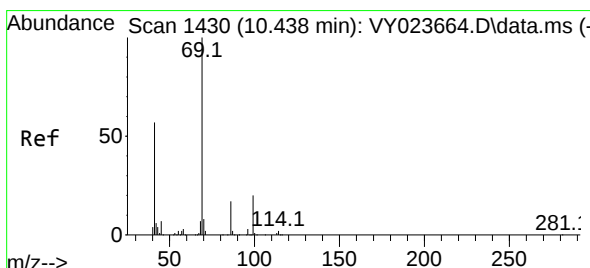
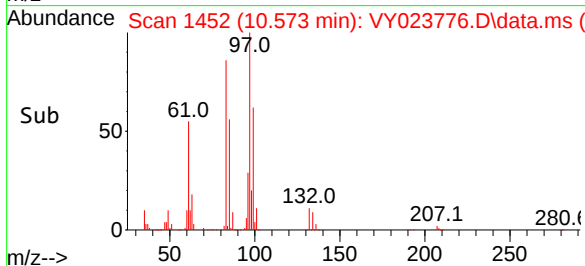
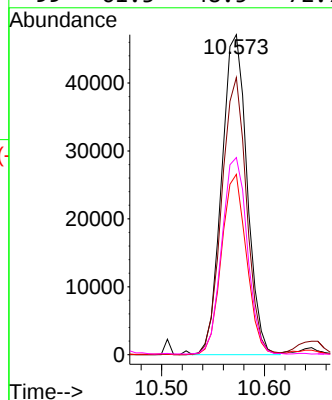
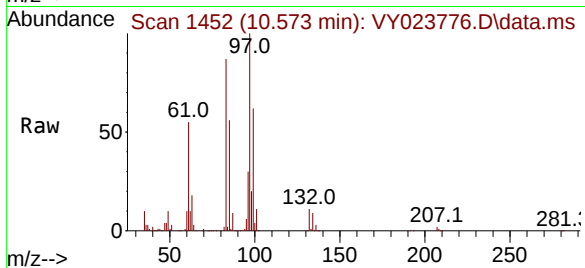
Ion Ratio Lower Upper

97 100

83 86.6 63.3 94.9

85 56.3 42.4 63.6

99 61.3 48.5 72.7



#56

Ethyl methacrylate

Concen: 19.698 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY023776.D

Acq: 13 Nov 2025 10:46

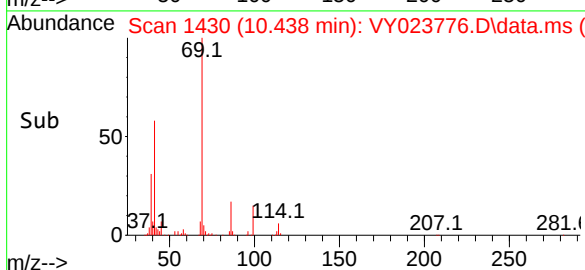
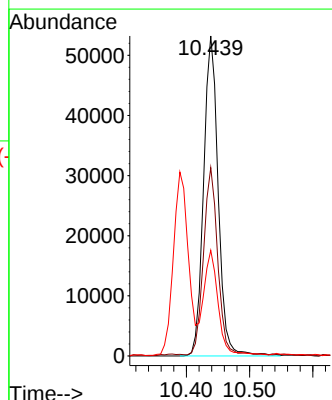
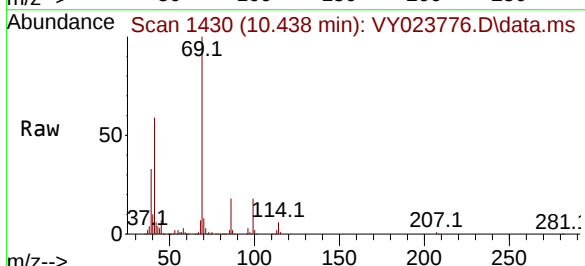
Tgt Ion: 69 Resp: 85667

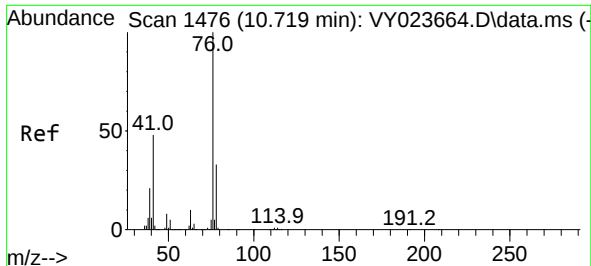
Ion Ratio Lower Upper

69 100

41 56.6 45.0 67.4

39 32.8 25.1 37.7





#57

1,3-Dichloropropane

Concen: 20.640 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY023776.D

Acq: 13 Nov 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

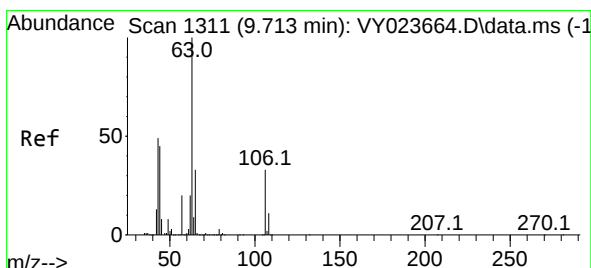
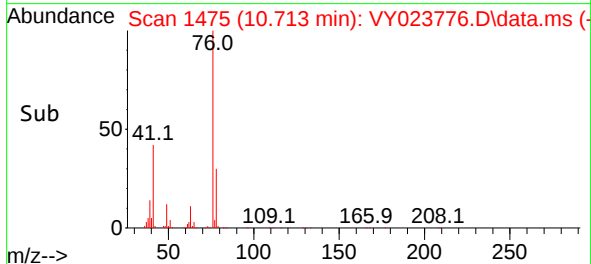
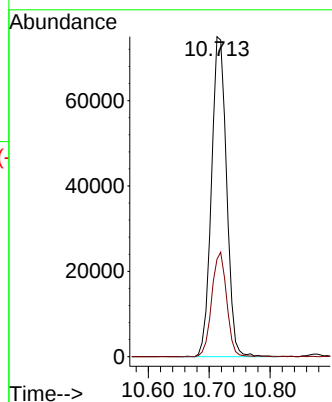
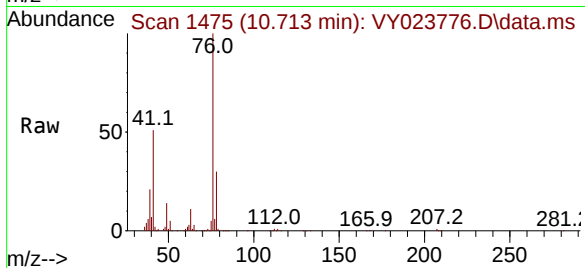
VY1113SBS01

Tgt Ion: 76 Resp: 129224

Ion Ratio Lower Upper

76 100

78 32.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 101.981 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY023776.D

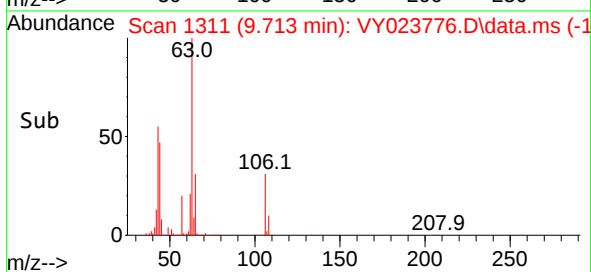
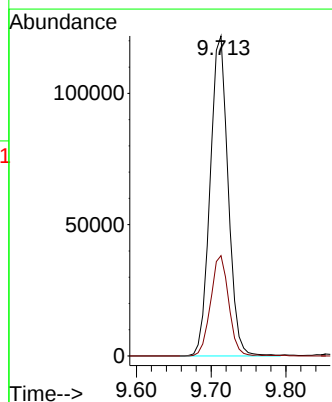
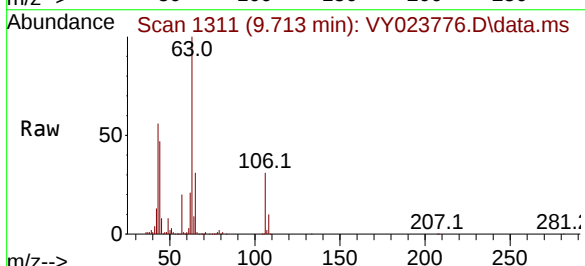
Acq: 13 Nov 2025 10:46

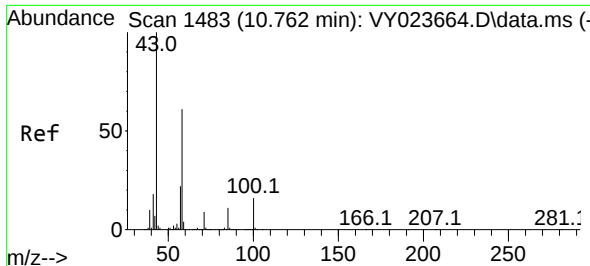
Tgt Ion: 63 Resp: 203517

Ion Ratio Lower Upper

63 100

106 31.7 26.2 39.2

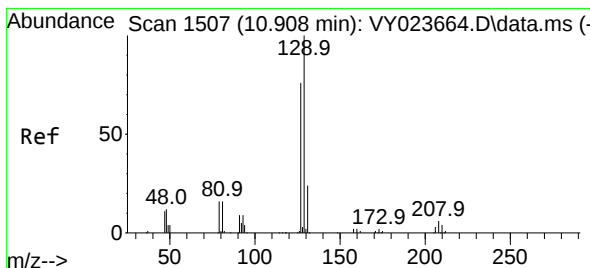
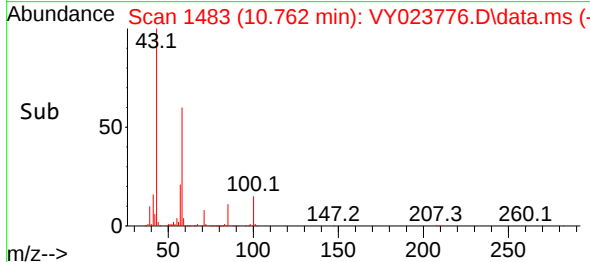
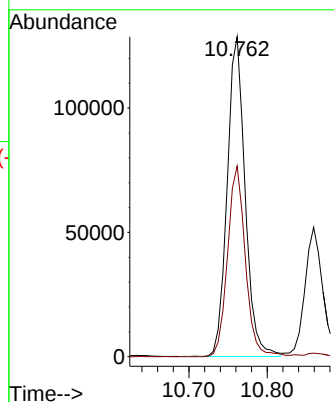
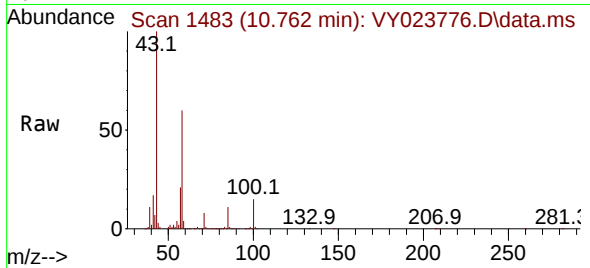




#59
2-Hexanone
Concen: 105.930 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

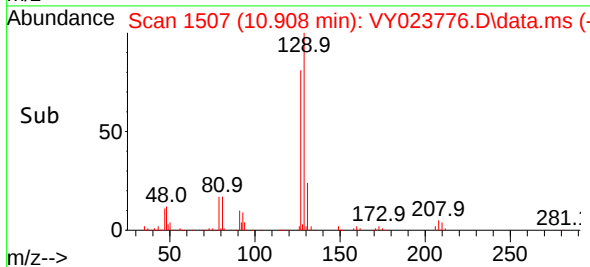
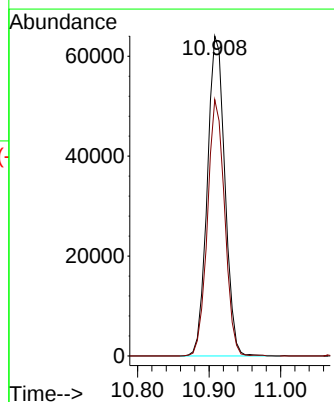
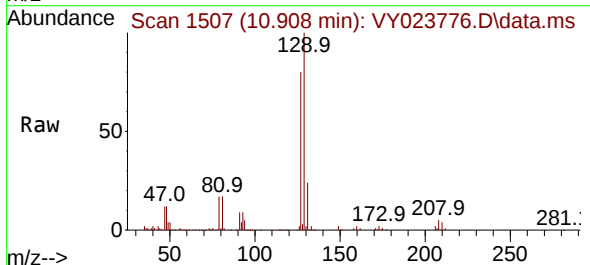
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

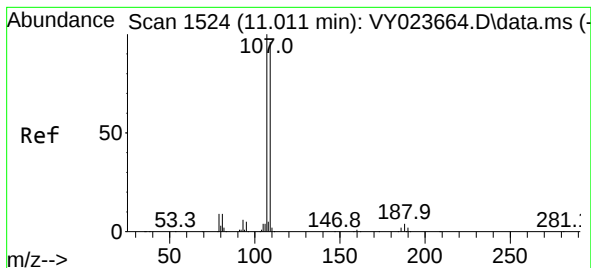
Tgt Ion: 43 Resp: 204847
Ion Ratio Lower Upper
43 100
58 59.2 30.2 90.6



#60
Dibromochloromethane
Concen: 20.170 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

Tgt Ion:129 Resp: 109389
Ion Ratio Lower Upper
129 100
127 78.2 38.4 115.2

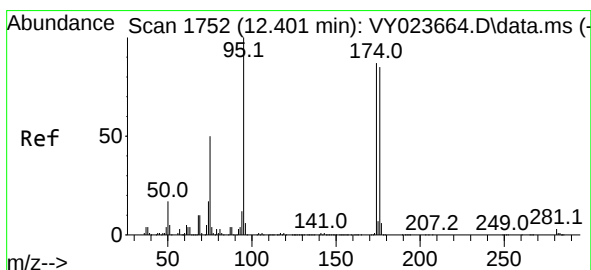
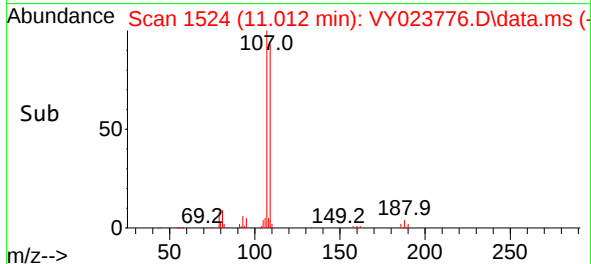
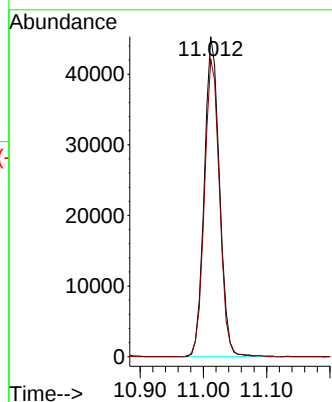
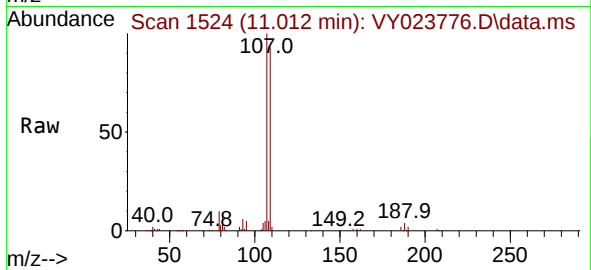




#61
1,2-Dibromoethane
Concen: 20.435 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

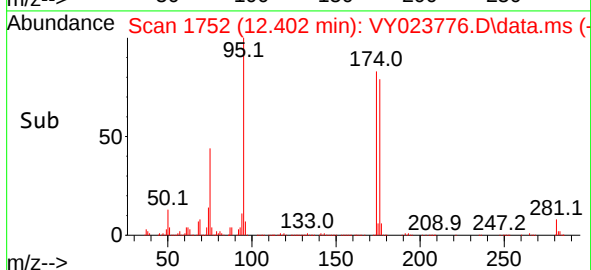
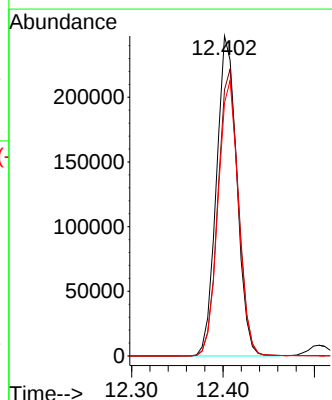
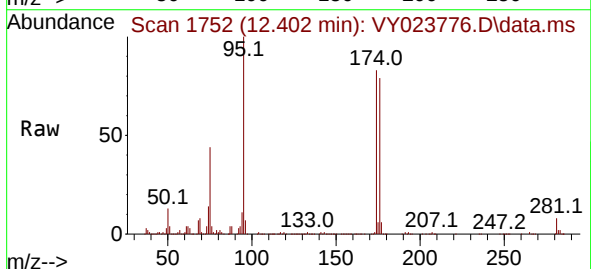
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

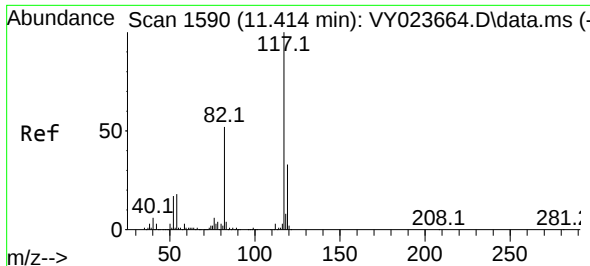
Tgt Ion:107 Resp: 75698
Ion Ratio Lower Upper
107 100
109 92.8 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 62.185 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

Tgt Ion: 95 Resp: 384143
Ion Ratio Lower Upper
95 100
174 89.7 0.0 184.8
176 86.5 0.0 181.6

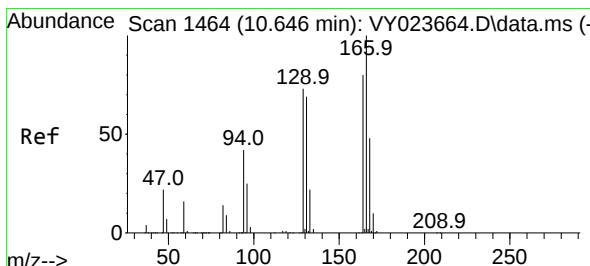
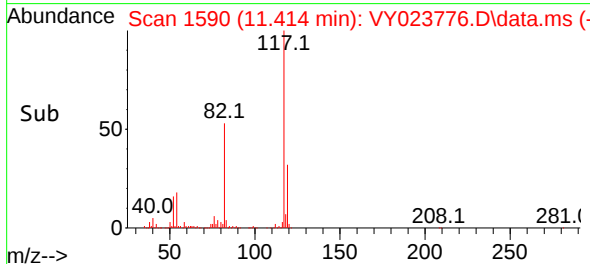
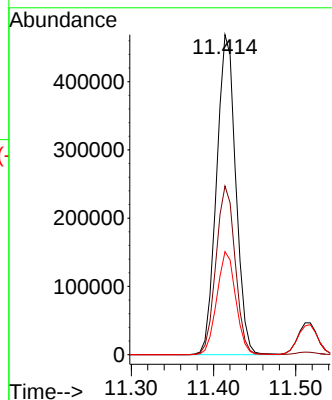
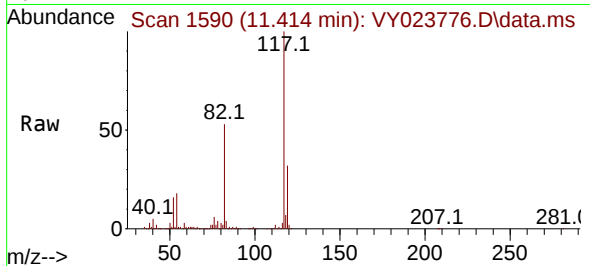




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

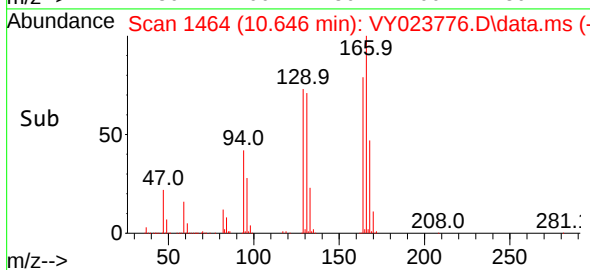
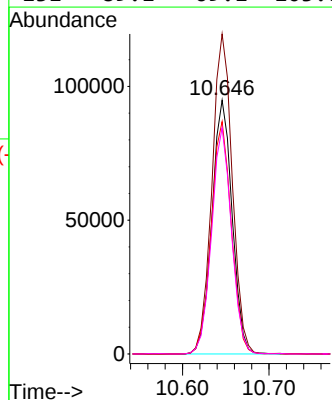
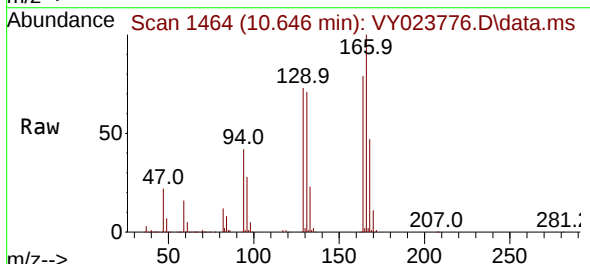
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

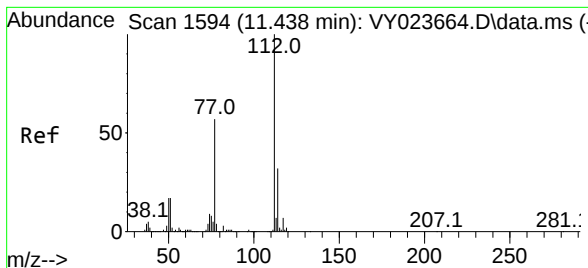
Tgt Ion:117 Resp: 760023
Ion Ratio Lower Upper
117 100
82 52.7 41.2 61.8
119 32.2 26.2 39.2



#64
Tetrachloroethene
Concen: 19.480 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

Tgt Ion:164 Resp: 154096
Ion Ratio Lower Upper
164 100
166 126.1 99.5 149.3
129 91.5 72.3 108.5
131 89.1 69.1 103.7

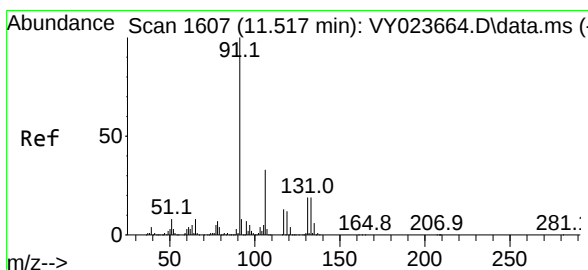
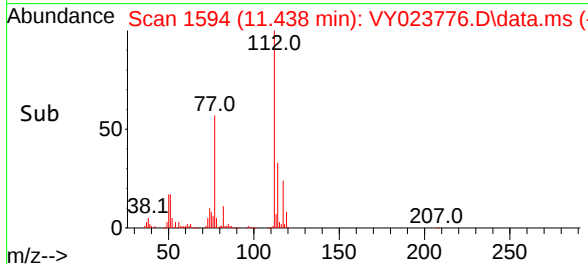
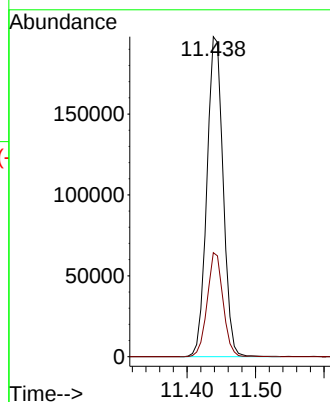
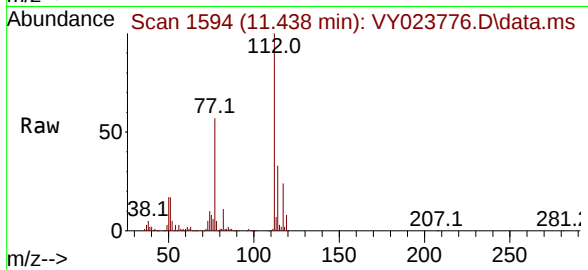




#65
Chlorobenzene
Concen: 19.711 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

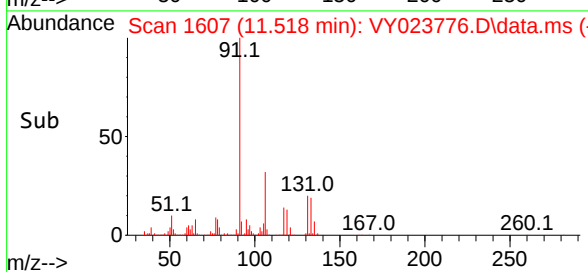
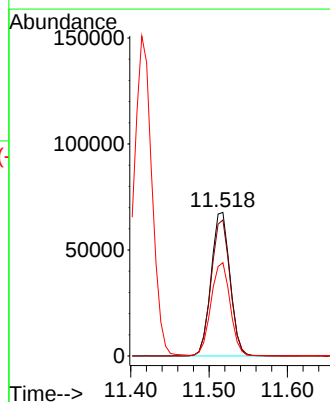
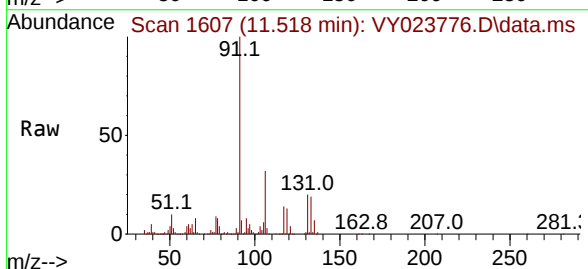
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

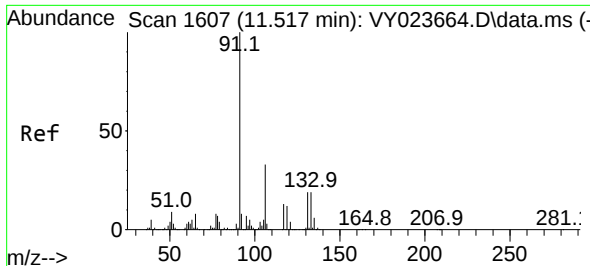
Tgt Ion:112 Resp: 326124
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.357 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

Tgt Ion:131 Resp: 113251
Ion Ratio Lower Upper
131 100
133 95.6 47.3 141.8
119 66.3 32.5 97.4

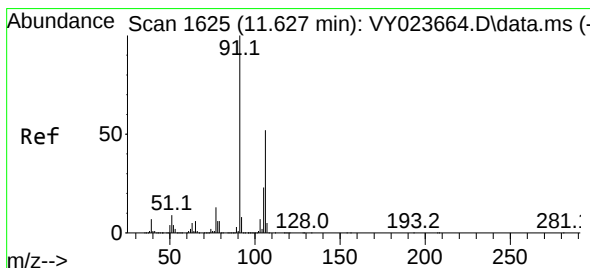
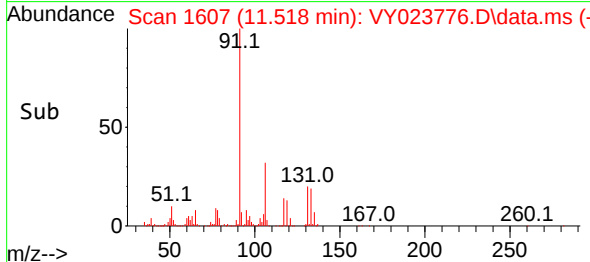
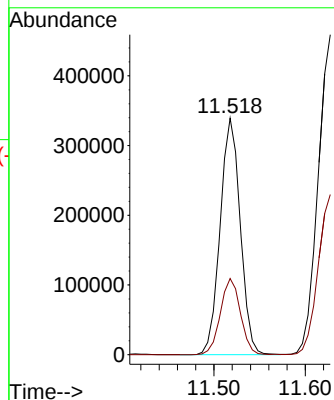
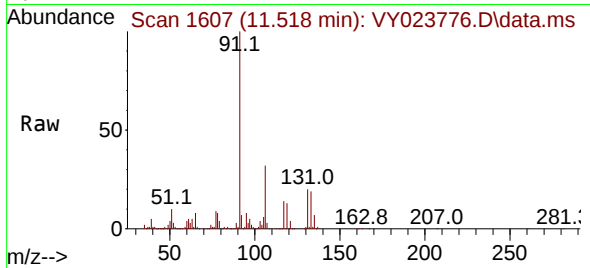




#67
Ethyl Benzene
Concen: 19.401 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

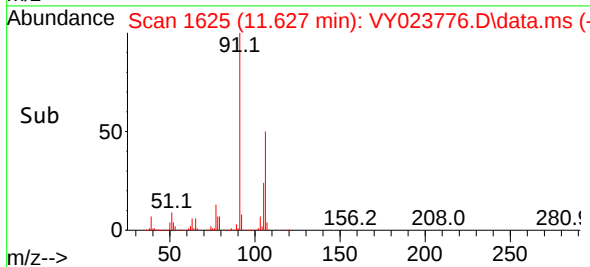
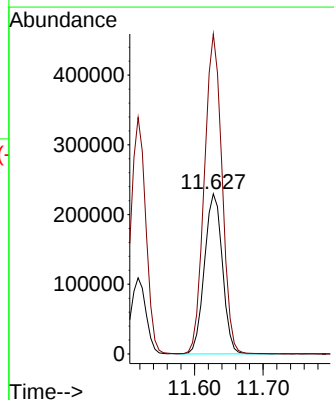
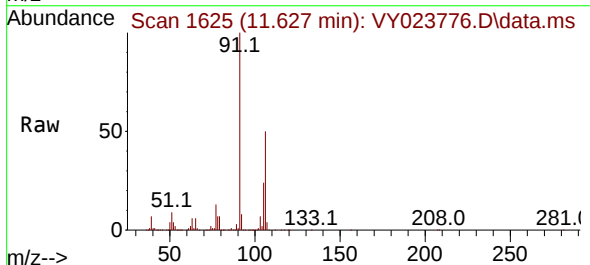
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

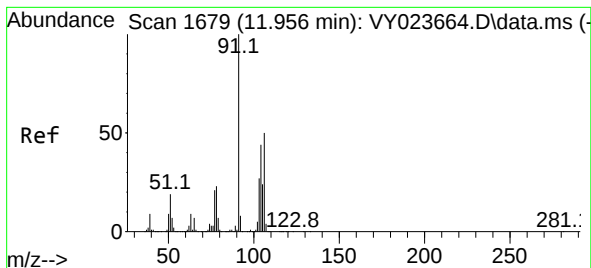
Tgt Ion: 91 Resp: 519543
Ion Ratio Lower Upper
91 100
106 32.2 26.6 40.0



#68
m/p-Xylenes
Concen: 39.061 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

Tgt Ion: 106 Resp: 417915
Ion Ratio Lower Upper
106 100
91 197.0 154.3 231.5





#69

o-Xylene

Concen: 19.054 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023776.D

Acq: 13 Nov 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

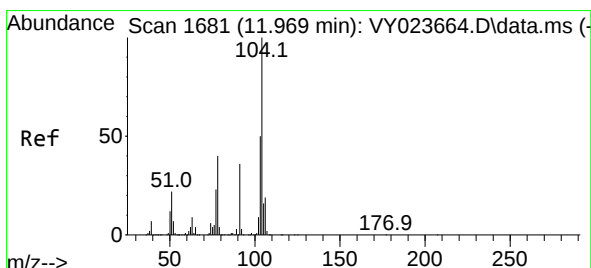
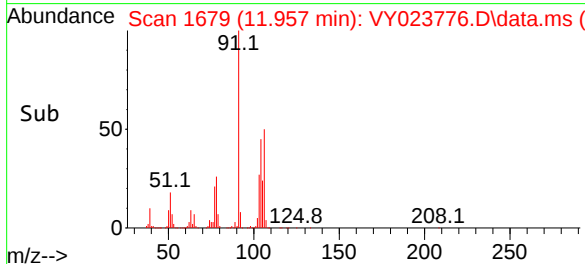
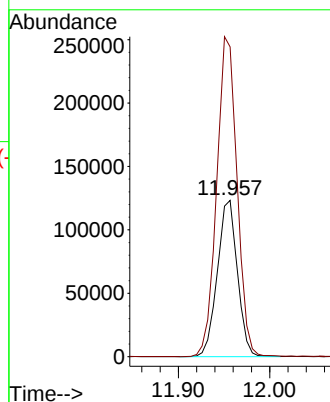
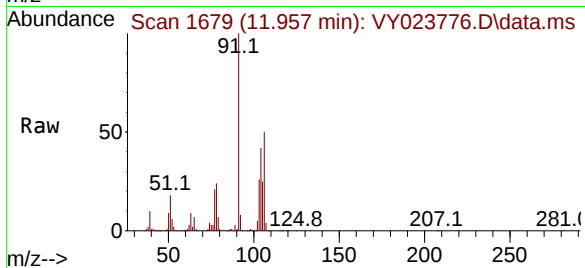
VY1113SBS01

Tgt Ion:106 Resp: 188450

Ion Ratio Lower Upper

106 100

91 207.5 101.6 304.6



#70

Styrene

Concen: 19.516 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY023776.D

Acq: 13 Nov 2025 10:46

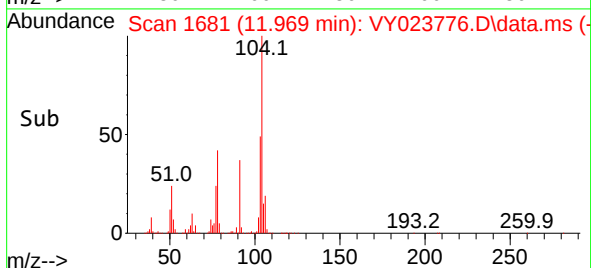
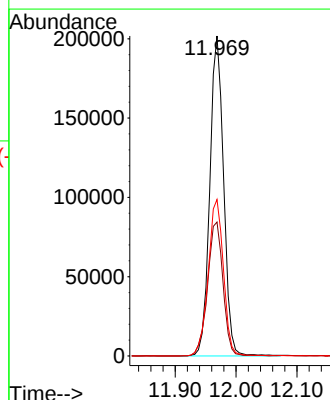
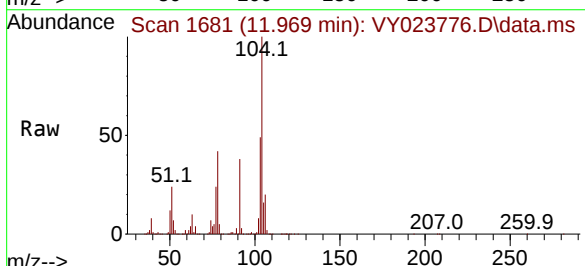
Tgt Ion:104 Resp: 318461

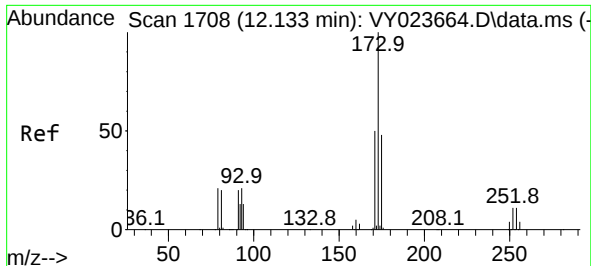
Ion Ratio Lower Upper

104 100

78 46.5 36.5 54.7

103 54.2 43.7 65.5

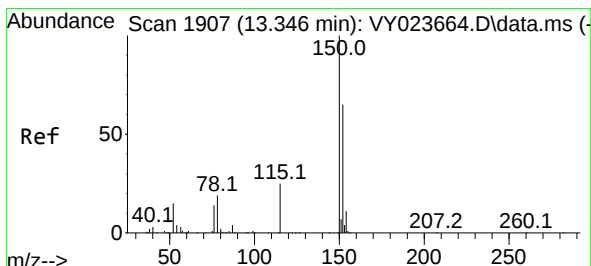
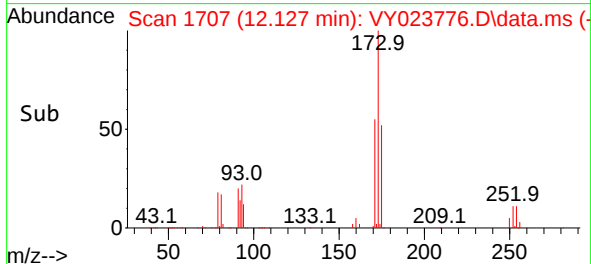
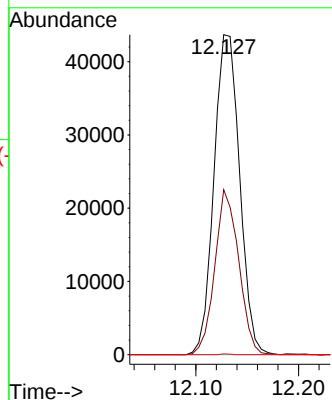
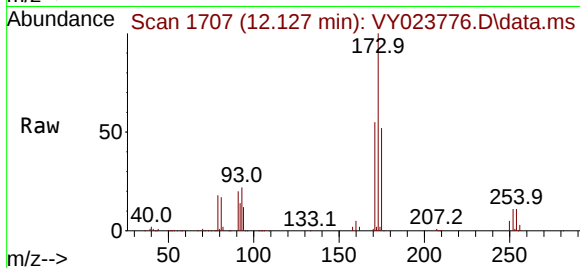




#71
Bromoform
Concen: 22.172 ug/l
RT: 12.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

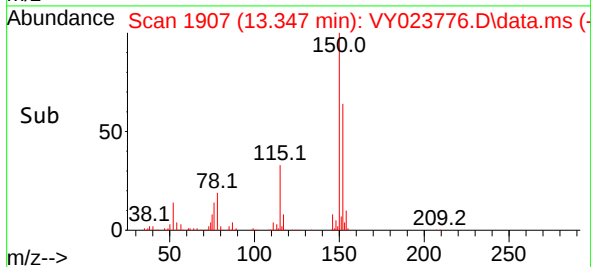
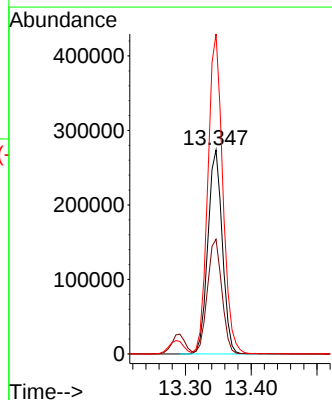
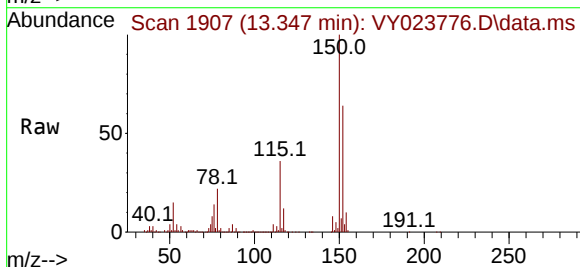
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

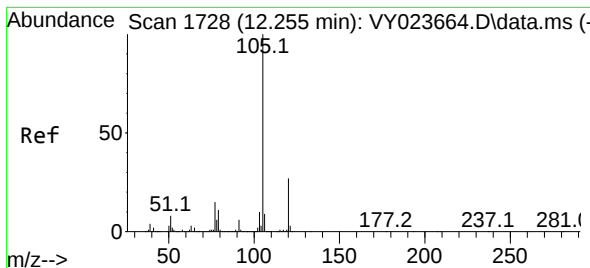
Tgt Ion:173 Resp: 75763
Ion Ratio Lower Upper
173 100
175 48.0 24.2 72.6
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

Tgt Ion:152 Resp: 418145
Ion Ratio Lower Upper
152 100
115 56.4 27.5 82.5
150 161.8 0.0 349.0





#73

Isopropylbenzene

Concen: 20.767 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023776.D

Acq: 13 Nov 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

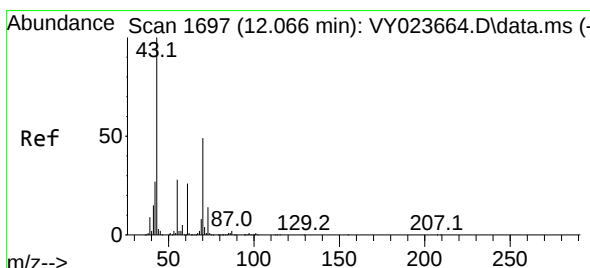
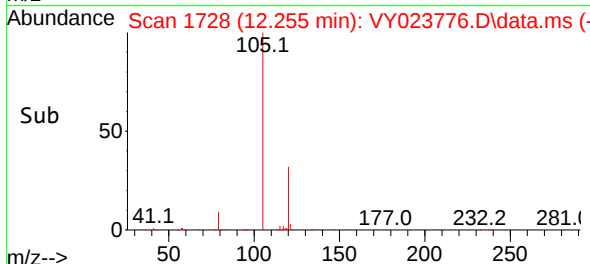
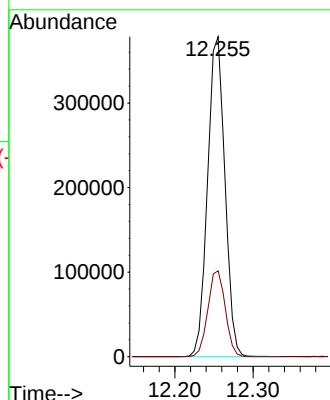
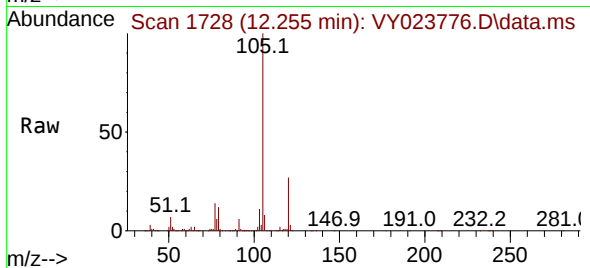
VY1113SBS01

Tgt Ion:105 Resp: 580787

Ion Ratio Lower Upper

105 100

120 27.0 13.6 40.7



#74

N-ethyl acetate

Concen: 17.642 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY023776.D

Acq: 13 Nov 2025 10:46

Tgt Ion: 43 Resp: 83531

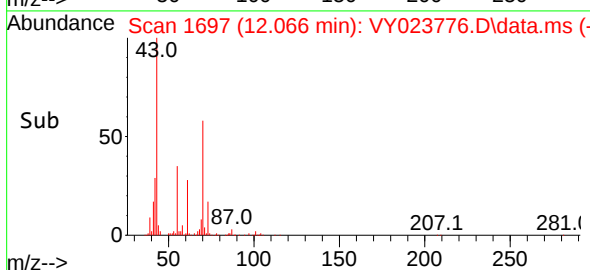
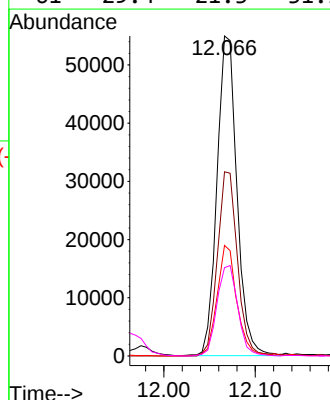
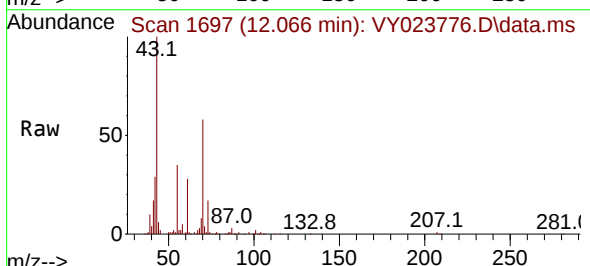
Ion Ratio Lower Upper

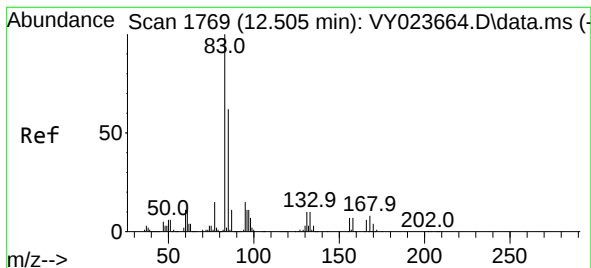
43 100

70 57.7 40.1 60.1

55 34.4 23.0 34.6

61 29.4 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.513 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY023776.D

Acq: 13 Nov 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01

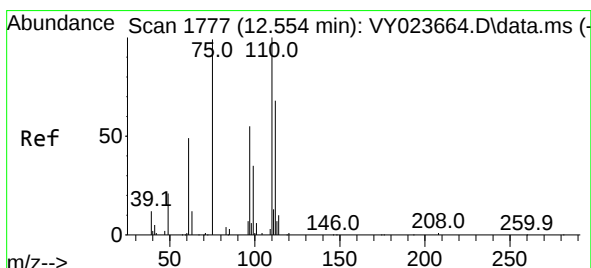
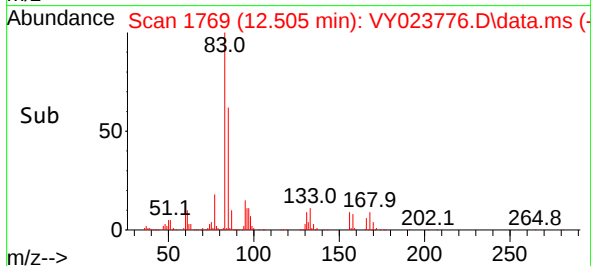
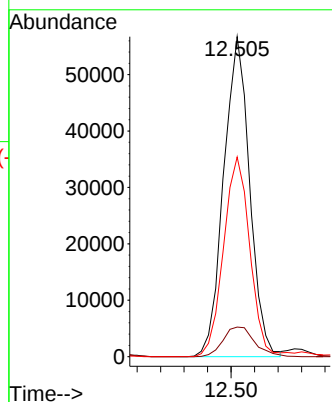
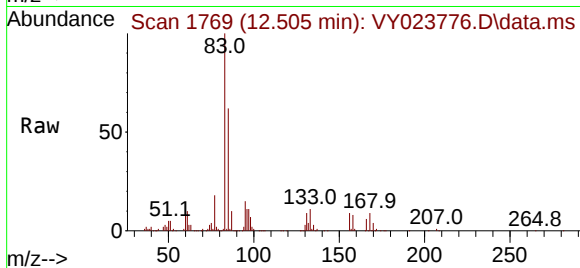
Tgt Ion: 83 Resp: 87155

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.0

85 63.5 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 34.554 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY023776.D

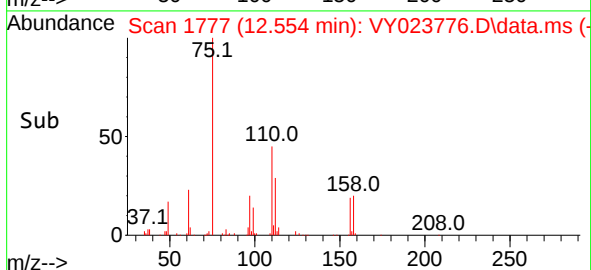
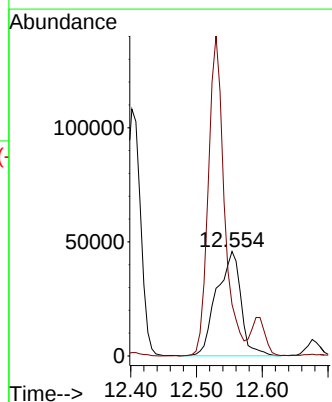
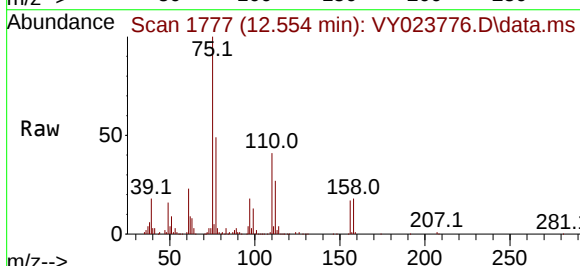
Acq: 13 Nov 2025 10:46

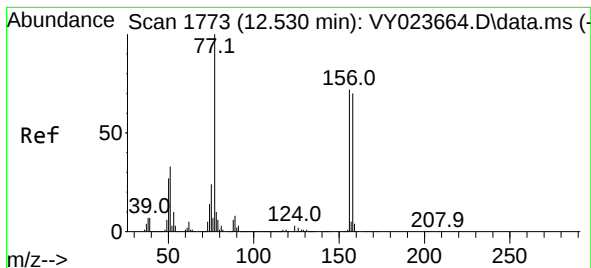
Tgt Ion: 75 Resp: 116934

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.540 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY023776.D

Acq: 13 Nov 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01

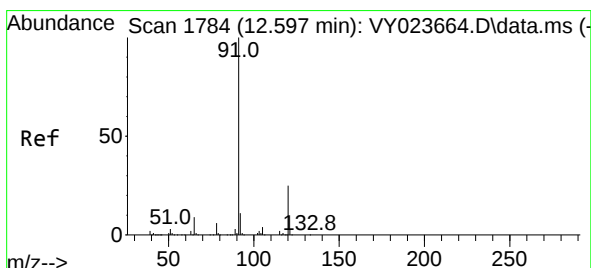
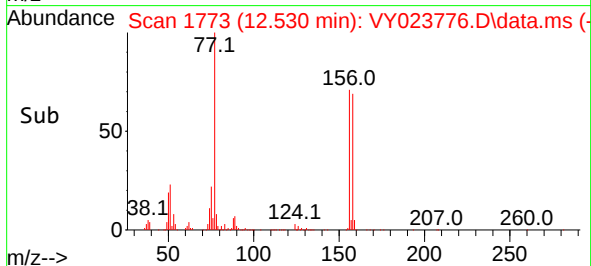
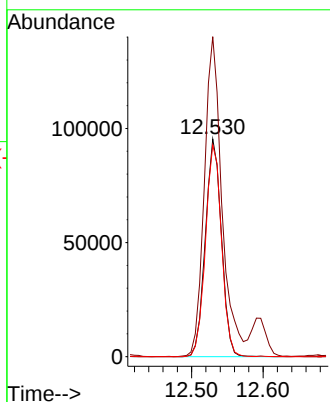
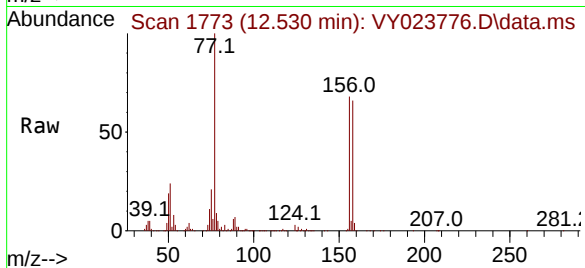
Tgt Ion:156 Resp: 149004

Ion Ratio Lower Upper

156 100

77 160.6 77.9 233.7

158 97.4 48.5 145.5



#78

n-propylbenzene

Concen: 20.945 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY023776.D

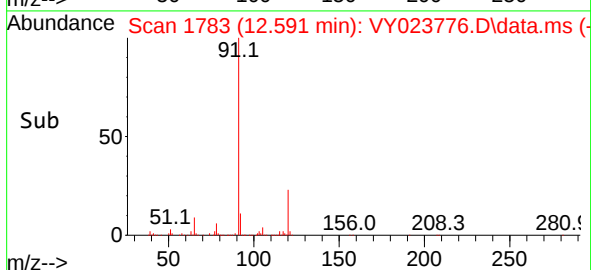
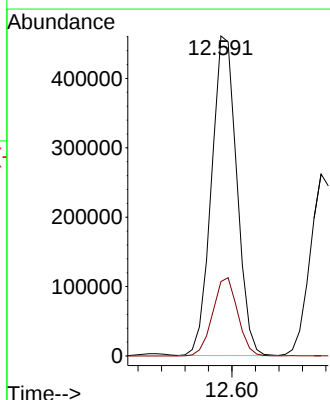
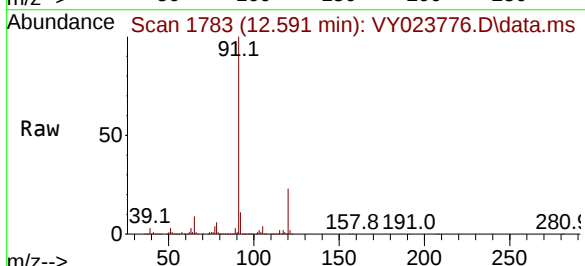
Acq: 13 Nov 2025 10:46

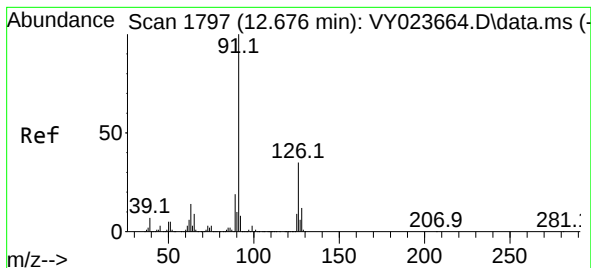
Tgt Ion: 91 Resp: 688982

Ion Ratio Lower Upper

91 100

120 24.2 12.0 36.1

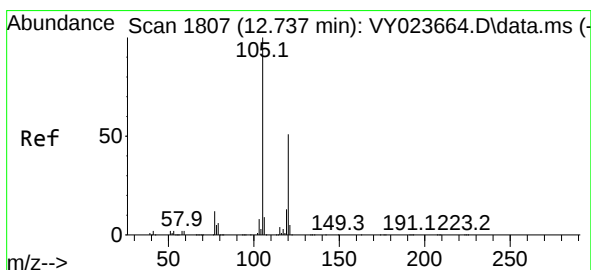
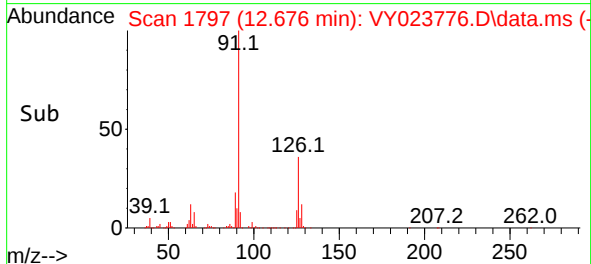
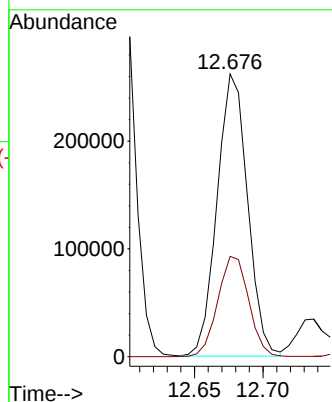
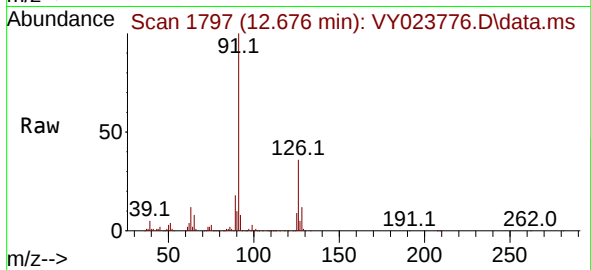




#79
2-Chlorotoluene
Concen: 21.266 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

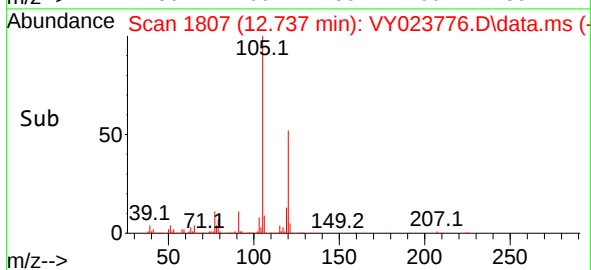
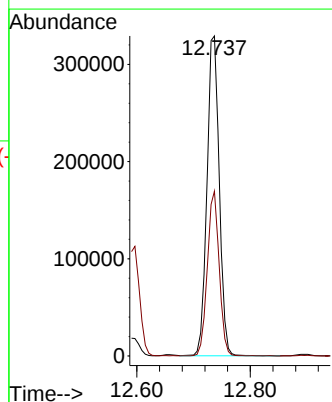
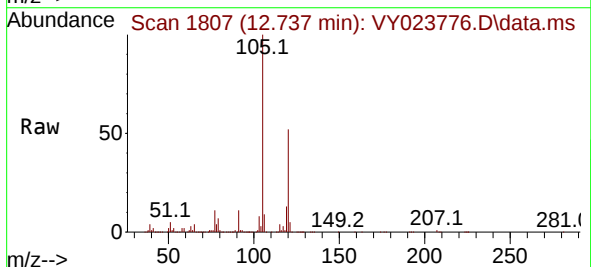
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

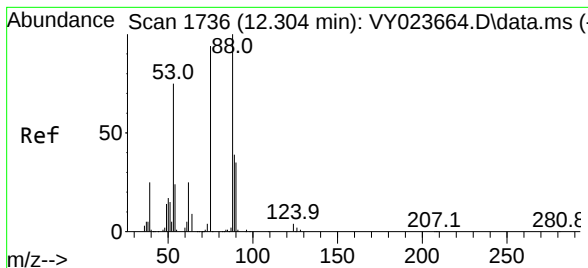
Tgt Ion: 91 Resp: 405941
Ion Ratio Lower Upper
91 100
126 36.1 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 21.761 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

Tgt Ion: 105 Resp: 494452
Ion Ratio Lower Upper
105 100
120 49.5 25.4 76.2

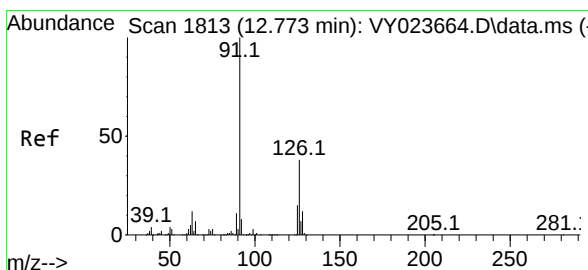
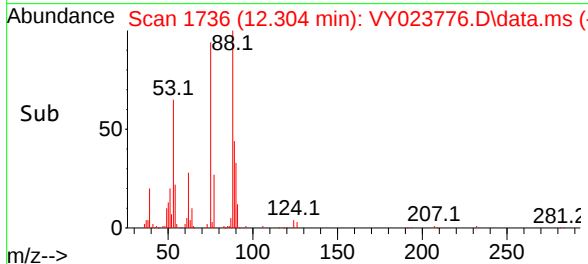
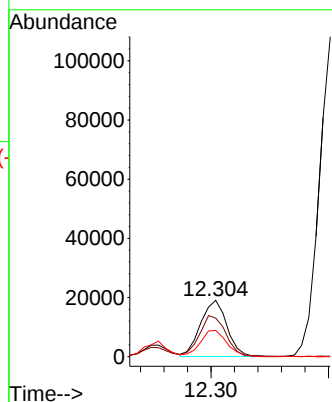
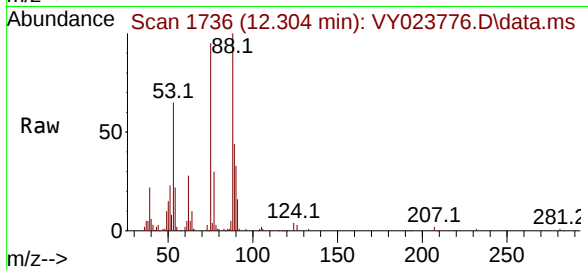




#81
trans-1,4-Dichloro-2-butene
Concen: 19.751 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

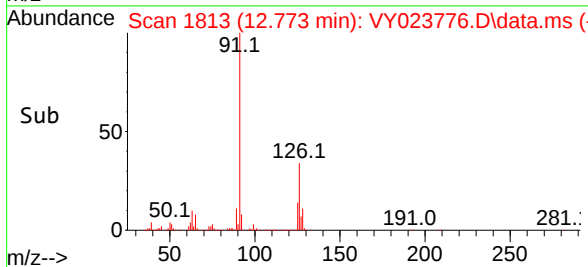
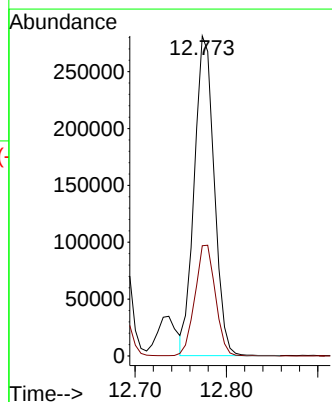
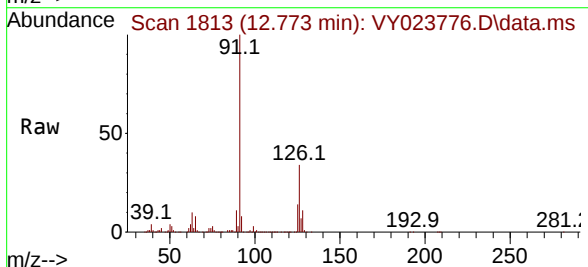
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

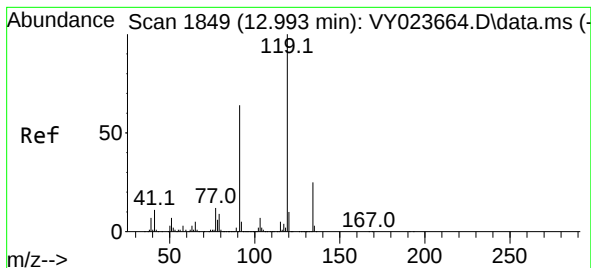
Tgt Ion: 75 Resp: 29575
Ion Ratio Lower Upper
75 100
53 72.4 69.6 104.4
89 47.4 38.2 57.4



#82
4-Chlorotoluene
Concen: 21.590 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

Tgt Ion: 91 Resp: 425037
Ion Ratio Lower Upper
91 100
126 35.8 18.1 54.4





#83

tert-Butylbenzene

Concen: 20.208 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY023776.D

Acq: 13 Nov 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01

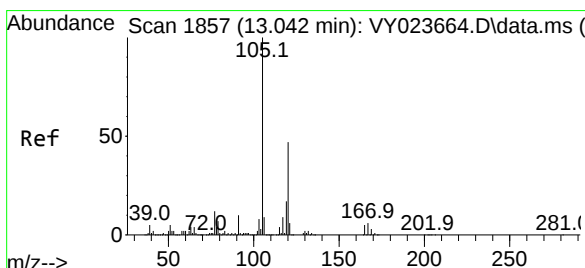
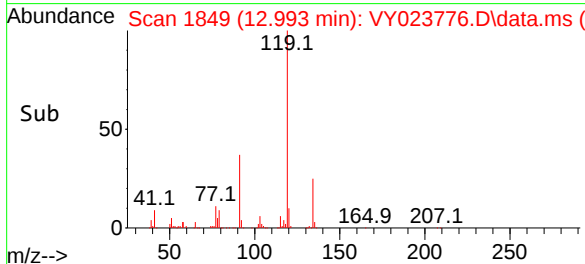
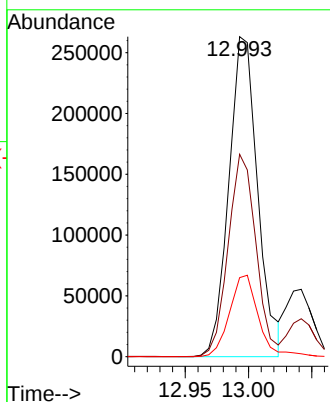
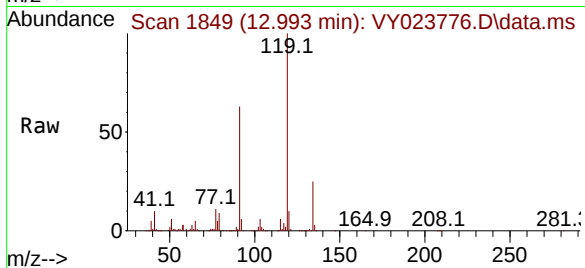
Tgt Ion:119 Resp: 418202

Ion Ratio Lower Upper

119 100

91 60.9 30.7 92.1

134 25.6 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 20.845 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY023776.D

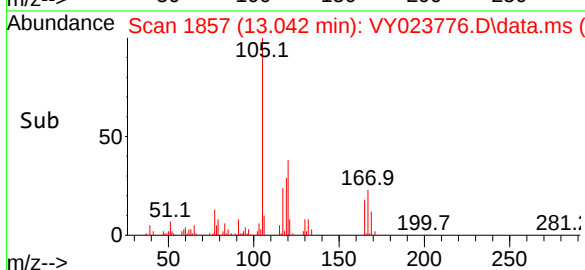
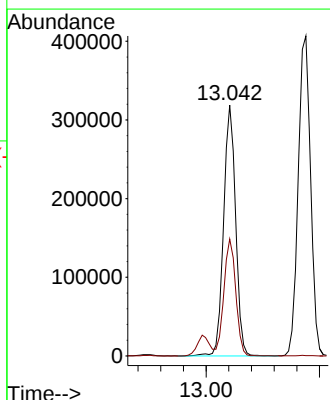
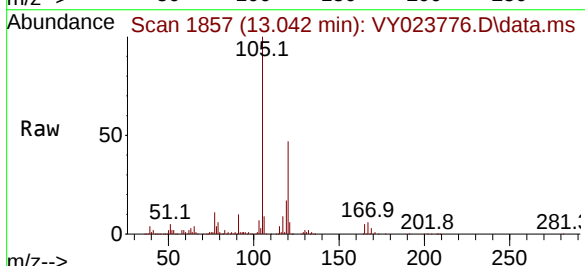
Acq: 13 Nov 2025 10:46

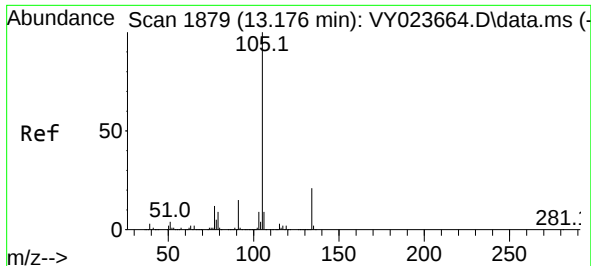
Tgt Ion:105 Resp: 469133

Ion Ratio Lower Upper

105 100

120 45.7 23.2 69.6

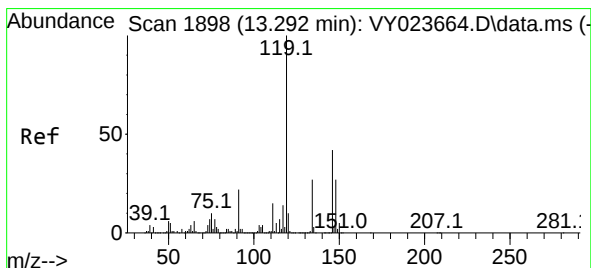
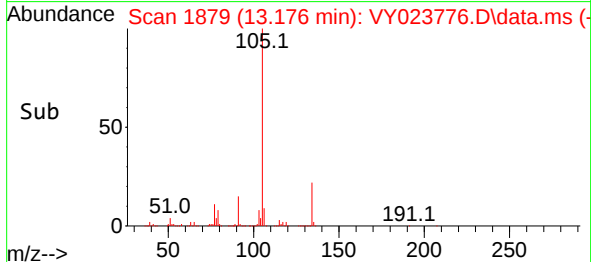
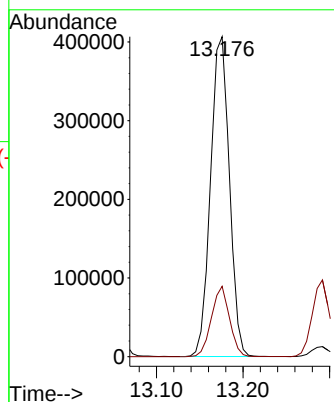
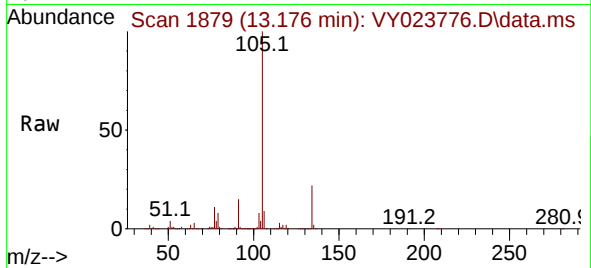




#85
 sec-Butylbenzene
 Concen: 20.586 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY023776.D
 Acq: 13 Nov 2025 10:46

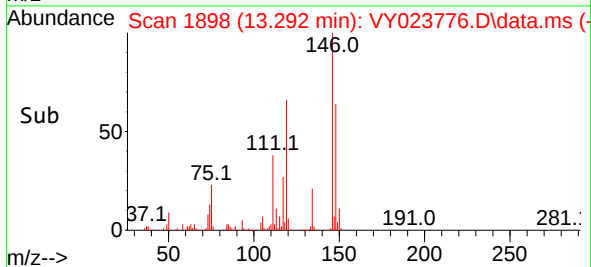
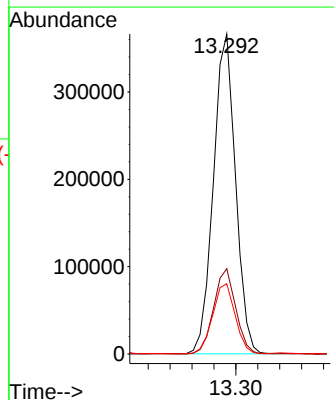
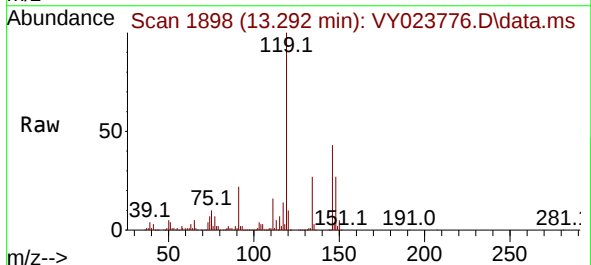
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1113SBS01

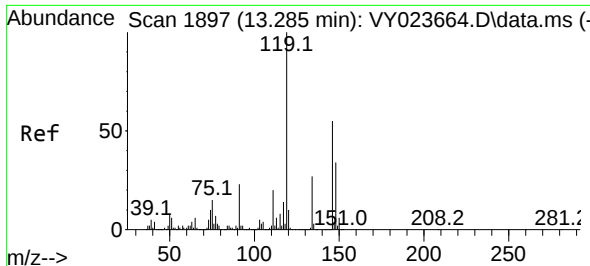
Tgt Ion:105 Resp: 614481
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 20.327 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY023776.D
 Acq: 13 Nov 2025 10:46

Tgt Ion:119 Resp: 513632
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.4 40.2
 91 22.3 11.1 33.1

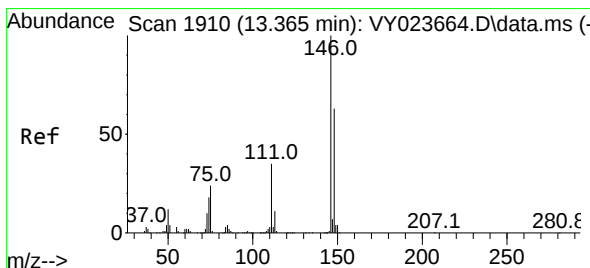
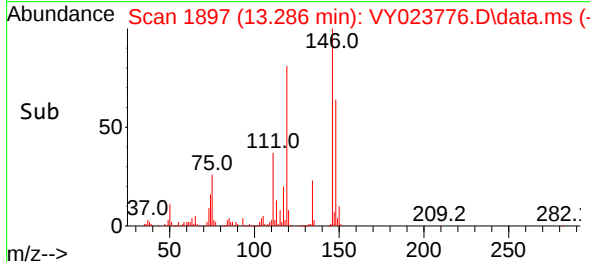
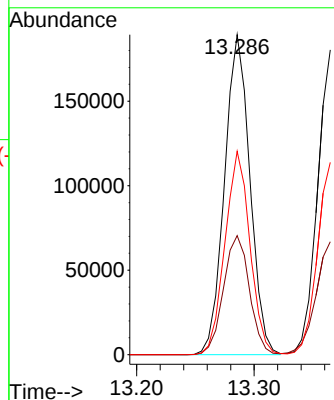
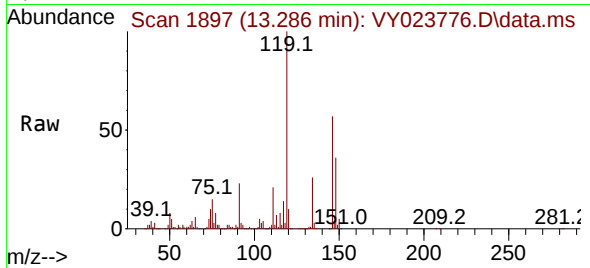




#87
 1,3-Dichlorobenzene
 Concen: 19.929 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023776.D
 Acq: 13 Nov 2025 10:46

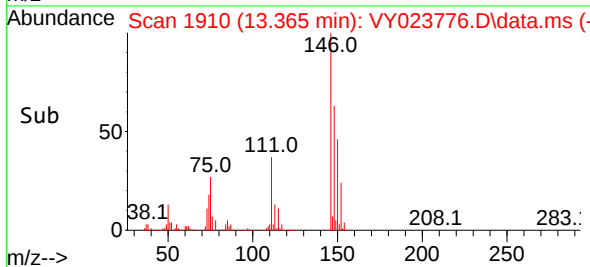
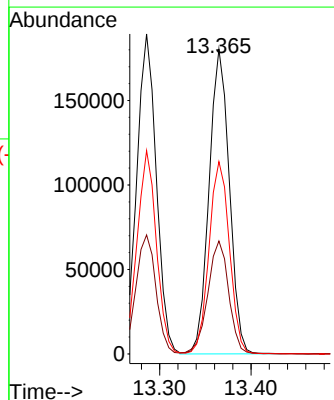
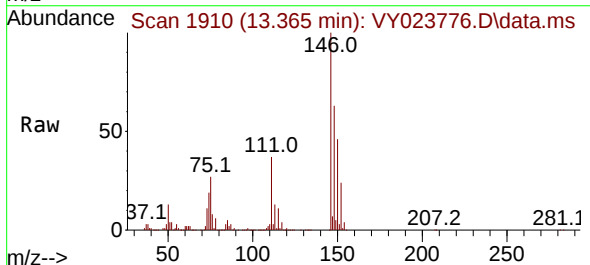
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1113SBS01

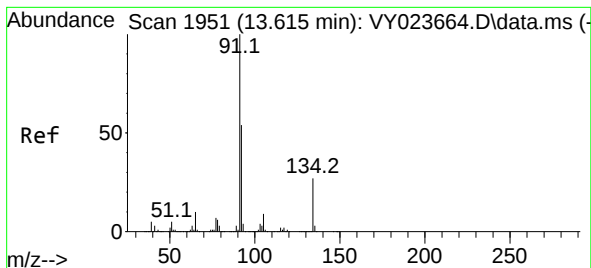
Tgt Ion:146 Resp: 284549
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.8 56.3
 148 62.6 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.775 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY023776.D
 Acq: 13 Nov 2025 10:46

Tgt Ion:146 Resp: 277351
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.3 54.8
 148 63.6 31.8 95.3





#89

n-Butylbenzene

Concen: 19.554 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY023776.D

Acq: 13 Nov 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01

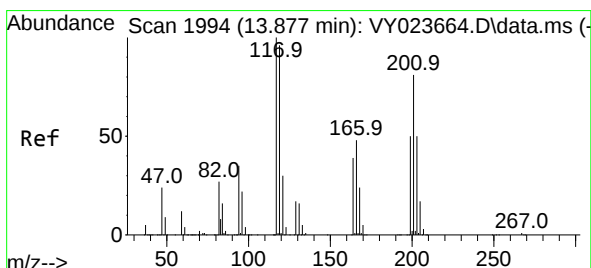
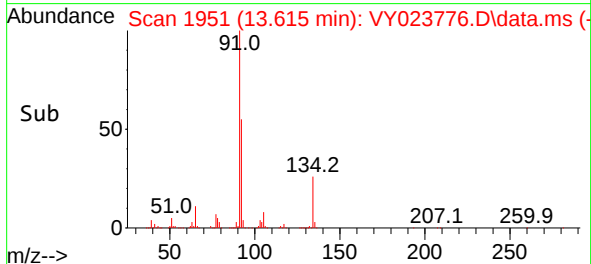
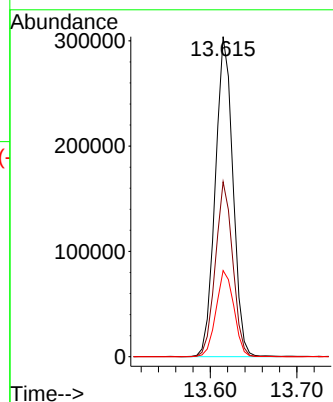
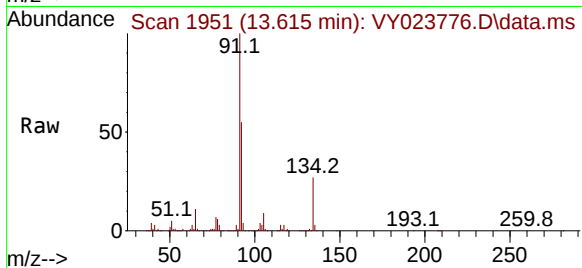
Tgt Ion: 91 Resp: 429665

Ion Ratio Lower Upper

91 100

92 53.7 26.5 79.4

134 27.2 13.7 41.1



#90

Hexachloroethane

Concen: 19.143 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY023776.D

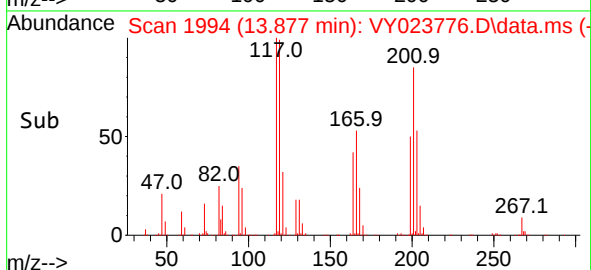
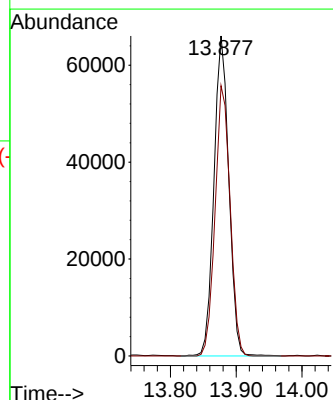
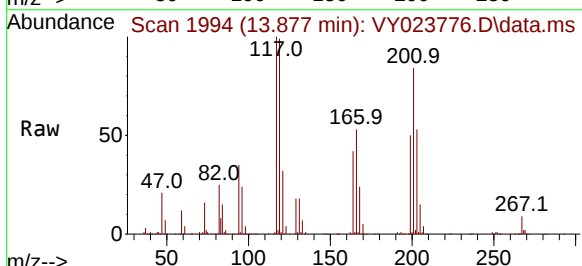
Acq: 13 Nov 2025 10:46

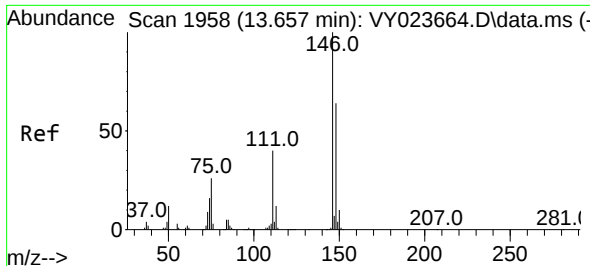
Tgt Ion: 117 Resp: 103951

Ion Ratio Lower Upper

117 100

201 85.2 42.3 126.8

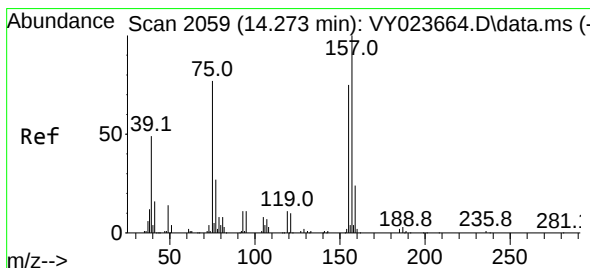
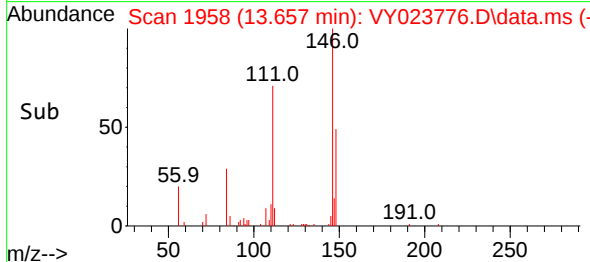
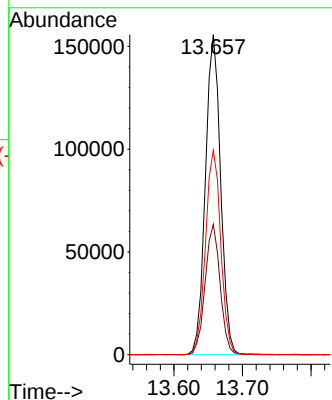
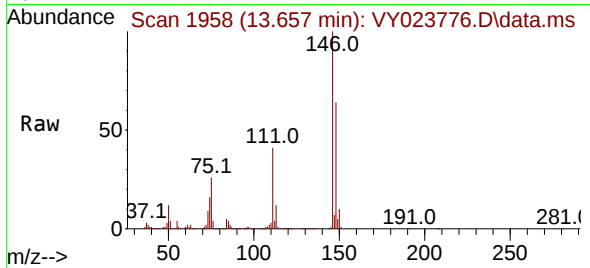




#91
1,2-Dichlorobenzene
Concen: 19.574 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

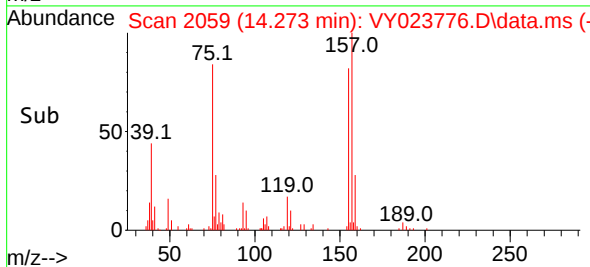
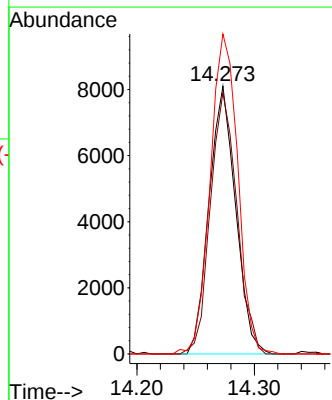
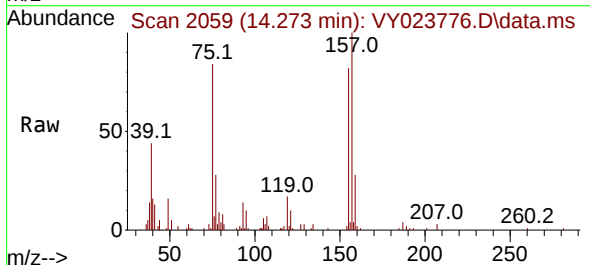
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

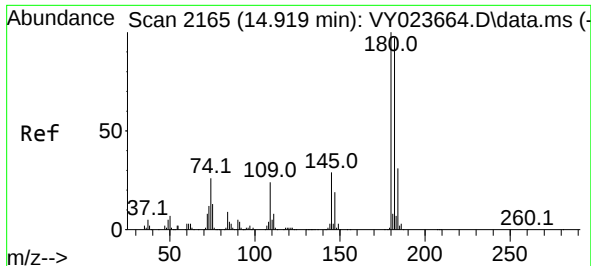
Tgt Ion:146 Resp: 240850
Ion Ratio Lower Upper
146 100
111 40.1 19.5 58.5
148 64.1 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.532 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY023776.D
Acq: 13 Nov 2025 10:46

Tgt Ion: 75 Resp: 12745
Ion Ratio Lower Upper
75 100
155 97.2 49.4 148.2
157 123.5 63.2 189.8





#93

1,2,4-Trichlorobenzene

Concen: 18.492 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023776.D

Acq: 13 Nov 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01

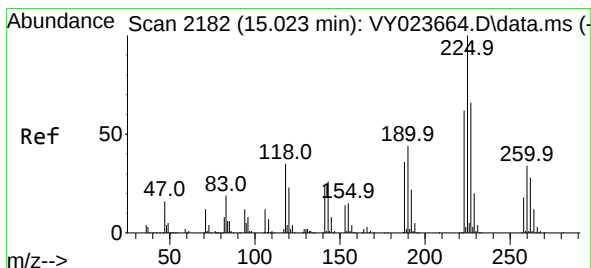
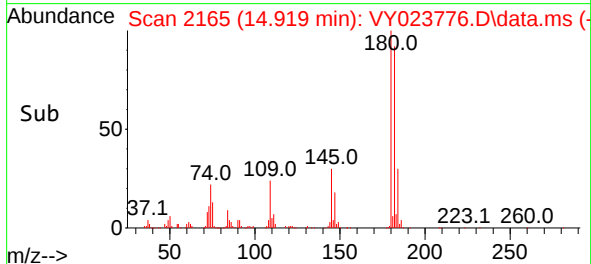
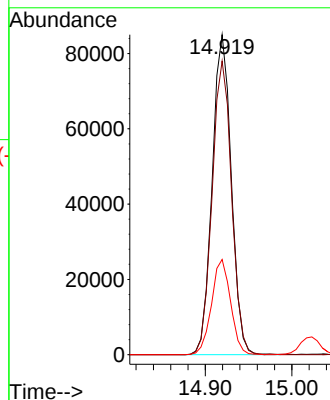
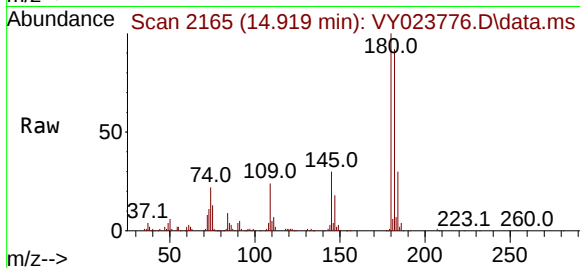
Tgt Ion:180 Resp: 130145

Ion Ratio Lower Upper

180 100

182 93.5 47.5 142.6

145 29.7 14.4 43.4



#94

Hexachlorobutadiene

Concen: 19.303 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY023776.D

Acq: 13 Nov 2025 10:46

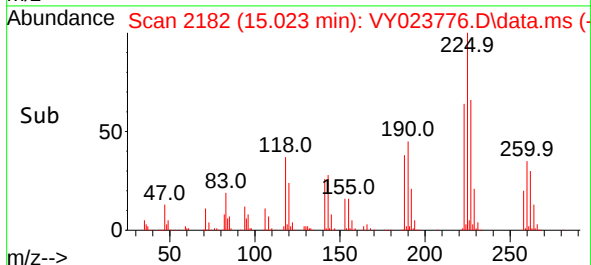
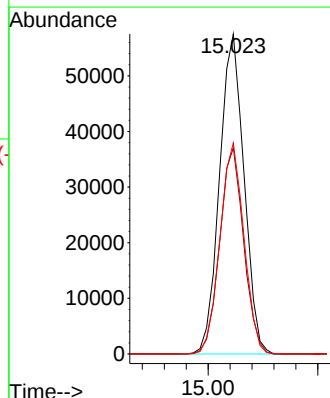
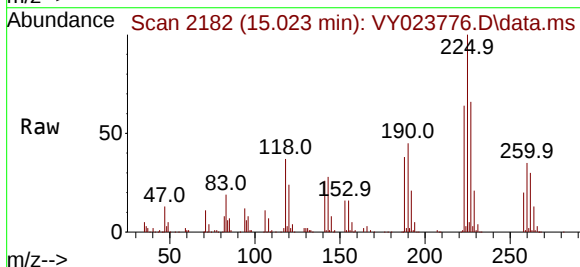
Tgt Ion:225 Resp: 89012

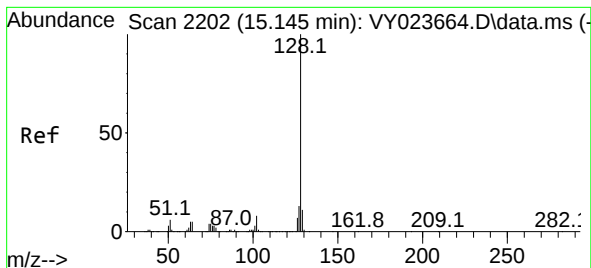
Ion Ratio Lower Upper

225 100

223 63.2 30.8 92.3

227 64.7 32.0 96.2





#95

Naphthalene

Concen: 18.413 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY023776.D

Acq: 13 Nov 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01

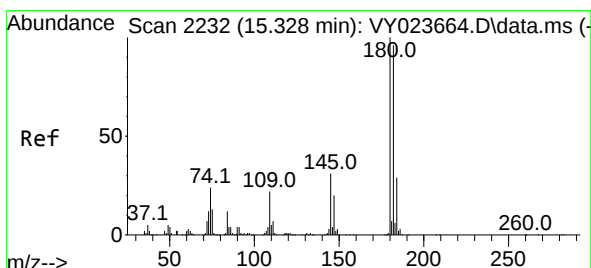
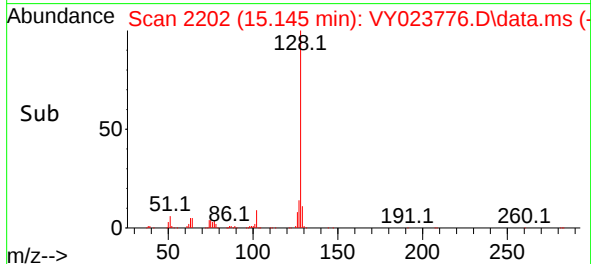
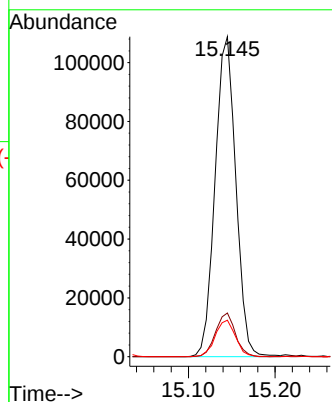
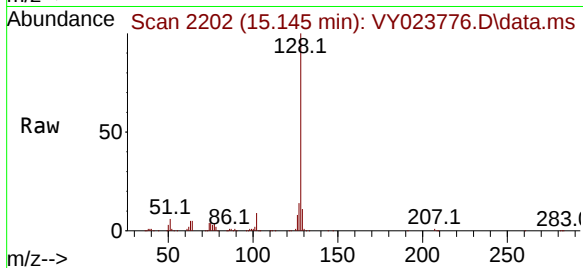
Tgt Ion:128 Resp: 180841

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.082 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023776.D

Acq: 13 Nov 2025 10:46

Tgt Ion:180 Resp: 112209

Ion Ratio Lower Upper

180 100

182 94.6 47.5 142.6

145 31.2 15.5 46.5

