

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
 Data File : VY023623.D
 Acq On : 30 Oct 2025 11:09
 Operator : SY/MD
 Sample : VY1030SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 31 02:36:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	451310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	657731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	578799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	300735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	199138	52.767	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.540%	
35) Dibromofluoromethane	7.640	113	218654	54.103	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.200%	
50) Toluene-d8	10.109	98	798548	53.057	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.120%	
62) 4-Bromofluorobenzene	12.408	95	257937	51.909	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.820%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	71368	21.970	ug/l	95
3) Chloromethane	2.074	50	91896	20.766	ug/l	98
4) Vinyl Chloride	2.208	62	122806	21.306	ug/l	99
5) Bromomethane	2.598	94	101637	21.012	ug/l	96
6) Chloroethane	2.739	64	86759	22.082	ug/l	99
7) Trichlorofluoromethane	3.062	101	178519	22.306	ug/l	100
8) Diethyl Ether	3.458	74	45607	21.809	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	99620	23.988	ug/l	99
10) Methyl Iodide	4.007	142	109664	23.720	ug/l	99
11) Tert butyl alcohol	4.854	59	27835	99.142	ug/l	96
12) 1,1-Dichloroethene	3.793	96	91031	22.612	ug/l	88
13) Acrolein	3.653	56	18278	46.073	ug/l	100
14) Allyl chloride	4.391	41	113711	23.176	ug/l	99
15) Acrylonitrile	5.061	53	89051	111.271	ug/l	98
16) Acetone	3.872	43	136960	152.440	ug/l	100
17) Carbon Disulfide	4.110	76	249767	21.677	ug/l	98
18) Methyl Acetate	4.391	43	47352	20.091	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	208323	21.531	ug/l	93
20) Methylene Chloride	4.616	84	107129	22.051	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	102517	23.130	ug/l	97
22) Diisopropyl ether	6.018	45	261606	24.105	ug/l	94
23) Vinyl Acetate	5.964	43	665342	113.264	ug/l	100
24) 1,1-Dichloroethane	5.921	63	174672	24.298	ug/l	97
25) 2-Butanone	6.896	43	139880	127.527	ug/l	95
26) 2,2-Dichloropropane	6.890	77	161688	24.511	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	118235	23.094	ug/l	99
28) Bromochloromethane	7.250	49	62282	23.207	ug/l	96
29) Tetrahydrofuran	7.268	42	64160	103.151	ug/l	98
30) Chloroform	7.427	83	192487	24.371	ug/l	98
31) Cyclohexane	7.707	56	138669	22.088	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	174489	24.310	ug/l	99
36) 1,1-Dichloropropene	7.841	75	127719	23.871	ug/l	99
37) Ethyl Acetate	6.988	43	46143	21.769	ug/l	# 95
38) Carbon Tetrachloride	7.823	117	155466	23.963	ug/l	99
39) Methylcyclohexane	9.115	83	159529	22.900	ug/l	100
40) Benzene	8.085	78	409157	24.147	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	20308	17.714	ug/l #	87
42) 1,2-Dichloroethane	8.158	62	101997	23.340	ug/l	99
43) Isopropyl Acetate	8.201	43	90555	21.424	ug/l	98
44) Trichloroethene	8.865	130	116192	23.428	ug/l	98
45) 1,2-Dichloropropane	9.146	63	92062	24.598	ug/l	98
46) Dibromomethane	9.237	93	53731	22.704	ug/l	97
47) Bromodichloromethane	9.426	83	142222	23.861	ug/l	100
48) Methyl methacrylate	9.225	41	42623	21.465	ug/l	99
49) 1,4-Dioxane	9.231	88	11163	406.835	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	242036	110.832	ug/l	97
52) Toluene	10.170	92	267175	24.285	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	115798	22.344	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	145329	23.760	ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	74561	23.429	ug/l	98
56) Ethyl methacrylate	10.444	69	76671	20.886	ug/l	99
57) 1,3-Dichloropropane	10.719	76	117943	23.388	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	167399	101.793	ug/l	99
59) 2-Hexanone	10.761	43	191127	122.467	ug/l	97
60) Dibromochloromethane	10.914	129	102644	23.005	ug/l	100
61) 1,2-Dibromoethane	11.018	107	68649	22.618	ug/l	100
64) Tetrachloroethene	10.646	164	137380	22.987	ug/l	98
65) Chlorobenzene	11.444	112	295053	23.438	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	106823	23.813	ug/l	99
67) Ethyl Benzene	11.517	91	480232	23.567	ug/l	99
68) m/p-Xylenes	11.633	106	390728	47.806	ug/l	98
69) o-Xylene	11.956	106	179899	23.466	ug/l	100
70) Styrene	11.969	104	294077	23.327	ug/l	100
71) Bromoform	12.133	173	61674	22.164	ug/l #	100
73) Isopropylbenzene	12.255	105	473954	23.914	ug/l	99
74) N-amyl acetate	12.072	43	74104	20.817	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	72998	22.520	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	99557	37.522	ug/l #	100
77) Bromobenzene	12.536	156	121115	22.987	ug/l	98
78) n-propylbenzene	12.596	91	566243	24.690	ug/l	99
79) 2-Chlorotoluene	12.682	91	322930	24.045	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	393061	24.543	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	24045	22.223	ug/l	98
82) 4-Chlorotoluene	12.779	91	338983	24.508	ug/l	99
83) tert-Butylbenzene	12.999	119	347416	23.495	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	388132	24.284	ug/l	98
85) sec-Butylbenzene	13.176	105	520320	24.530	ug/l	99
86) p-Isopropyltoluene	13.291	119	436929	24.193	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	240935	23.483	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	238627	23.549	ug/l	99
89) n-Butylbenzene	13.621	91	383151	24.348	ug/l	98
90) Hexachloroethane	13.883	117	91946	23.671	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	209027	23.237	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11390	21.415	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	121730	21.707	ug/l	100
94) Hexachlorobutadiene	15.023	225	84638	24.212	ug/l	99
95) Naphthalene	15.145	128	173867	19.470	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	104331	21.479	ug/l	98

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QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

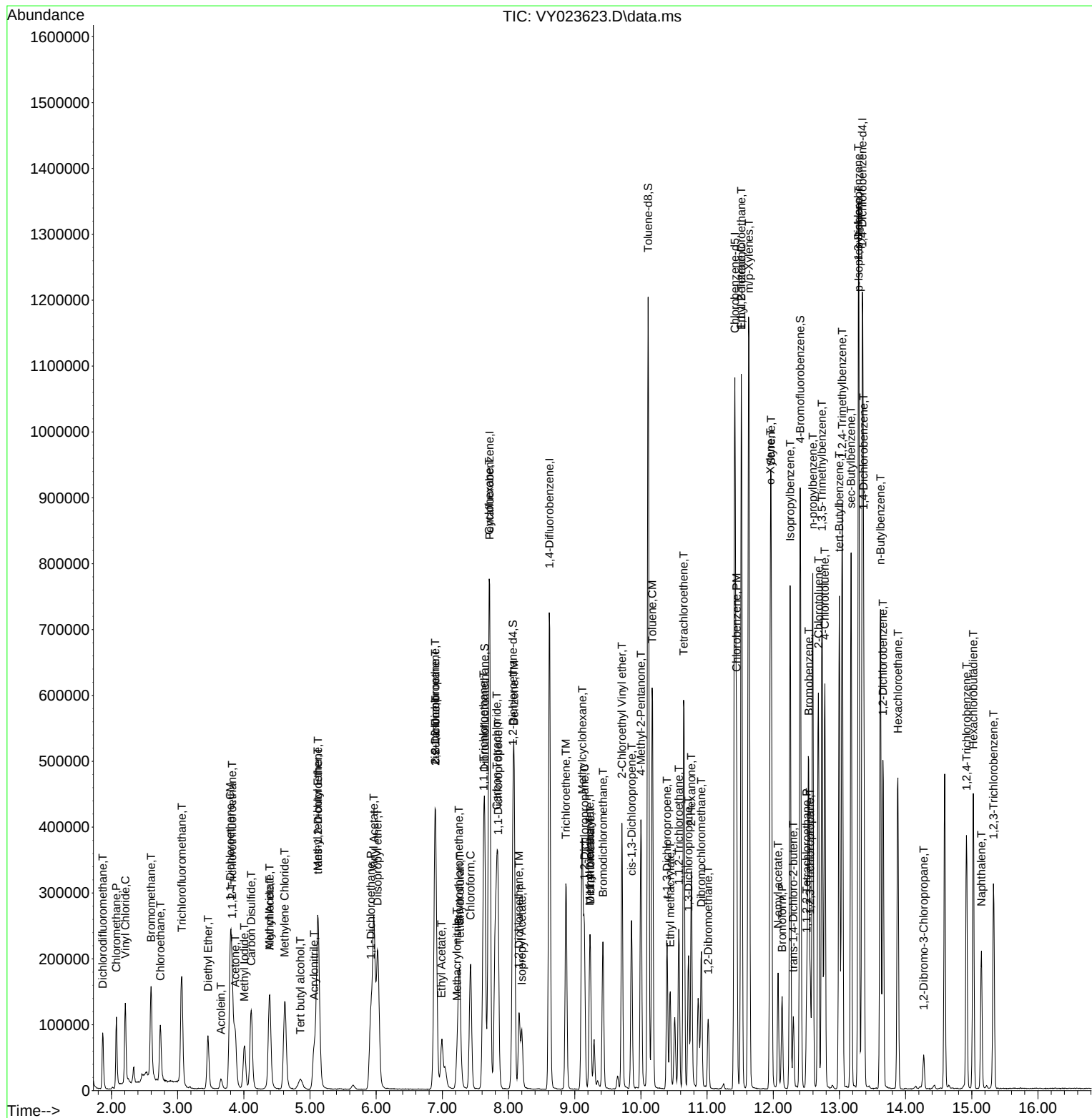
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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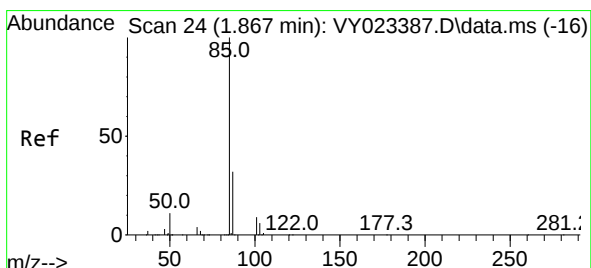
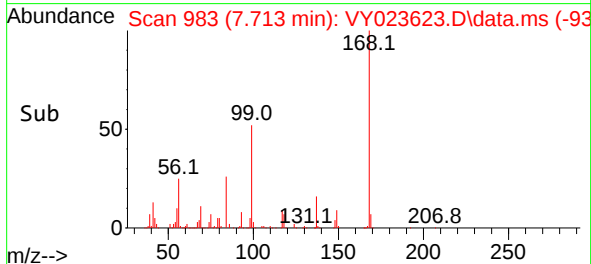
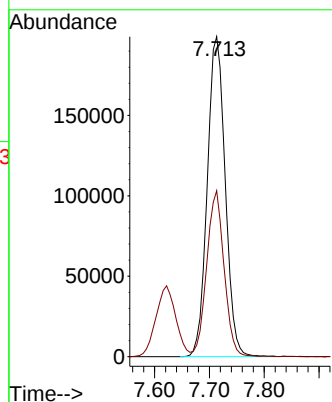
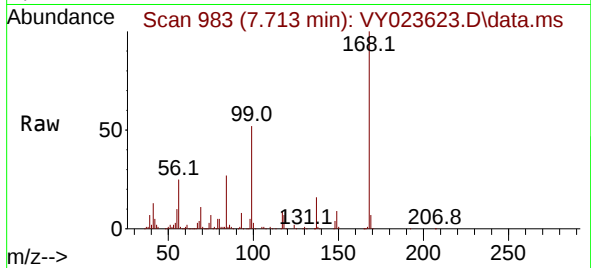




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

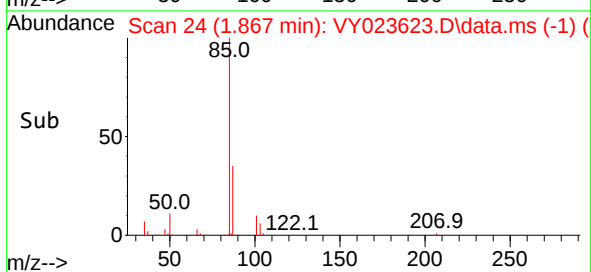
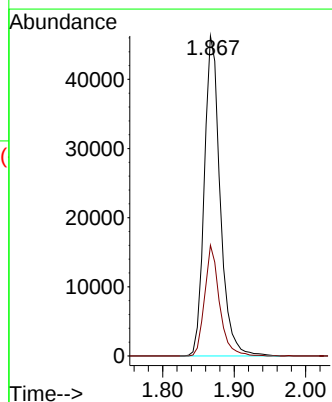
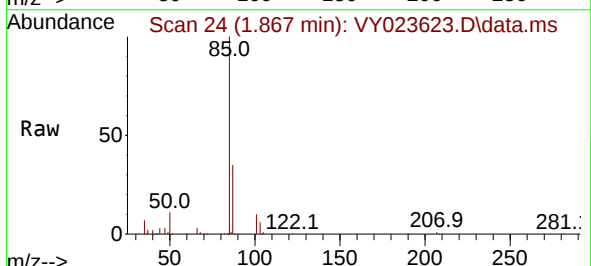
Instrument :
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ClientSampleId :

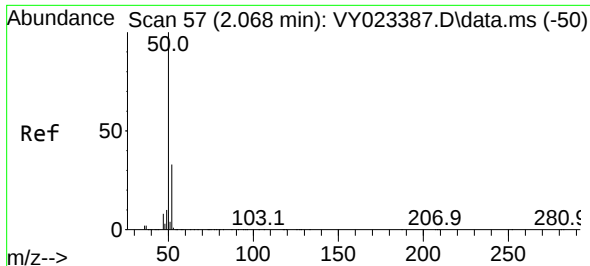
Tgt Ion:168 Resp: 451310
Ion Ratio Lower Upper
168 100
99 51.8 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 21.970 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

Tgt Ion: 85 Resp: 71368
Ion Ratio Lower Upper
85 100
87 34.6 16.0 47.9

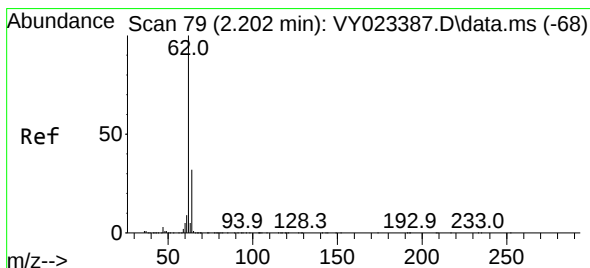
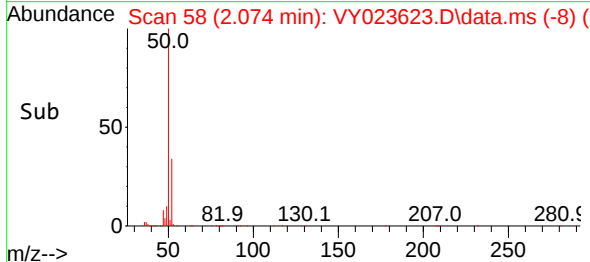
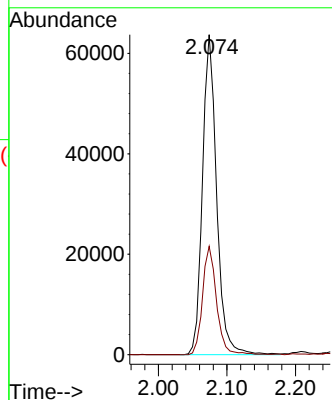
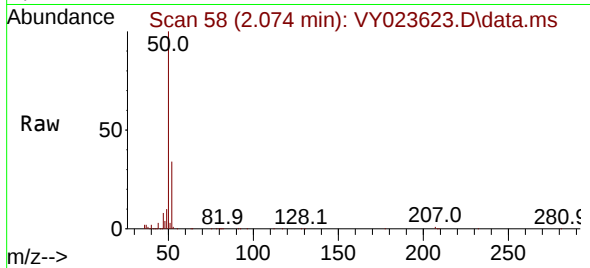




#3
Chloromethane
Concen: 20.766 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

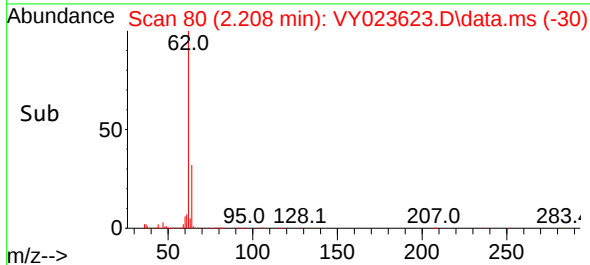
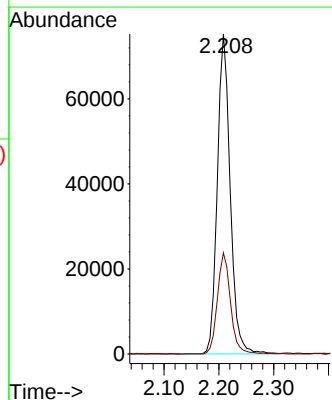
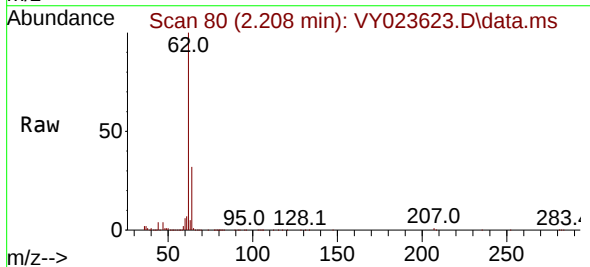
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 91896
Ion Ratio Lower Upper
50 100
52 33.8 26.2 39.2



#4
Vinyl Chloride
Concen: 21.306 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

Tgt Ion: 62 Resp: 122806
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.8

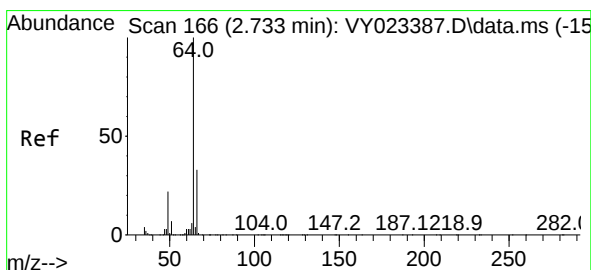
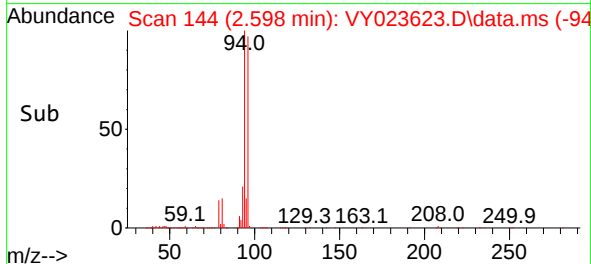
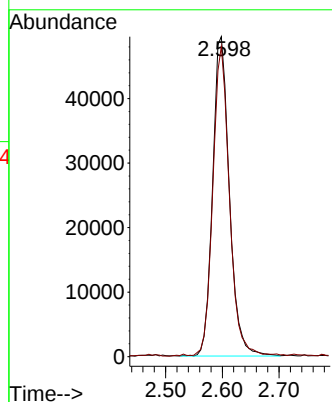
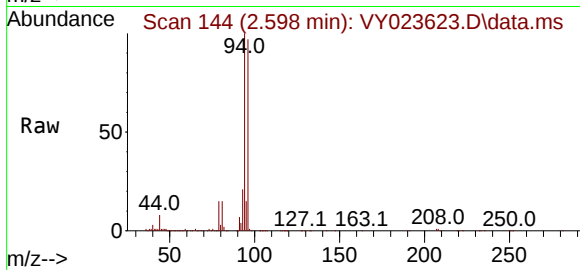




#5
Bromomethane
Concen: 21.012 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

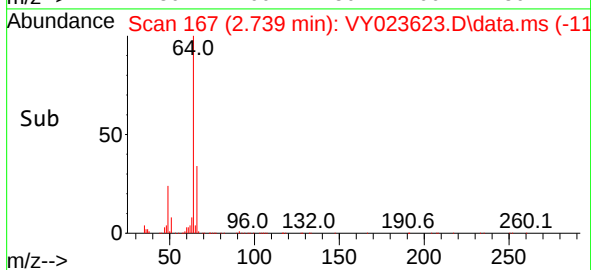
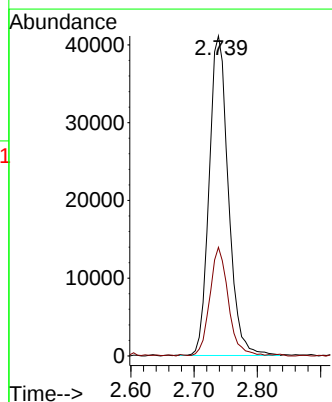
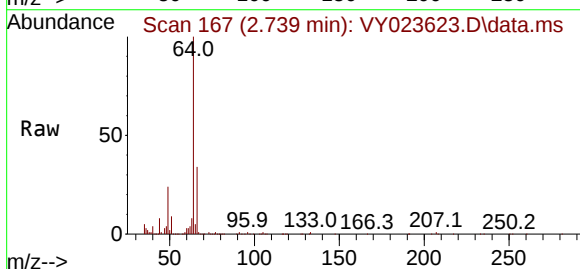
Instrument :
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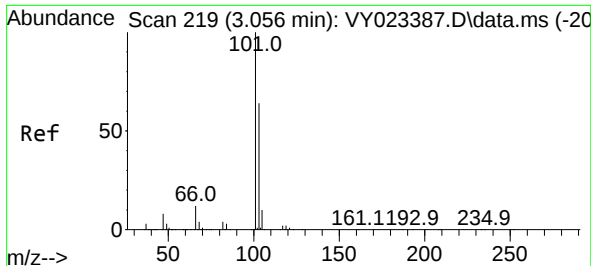
Tgt Ion: 94 Resp: 101637
Ion Ratio Lower Upper
94 100
96 96.8 74.5 111.7



#6
Chloroethane
Concen: 22.082 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

Tgt Ion: 64 Resp: 86759
Ion Ratio Lower Upper
64 100
66 33.6 26.2 39.4

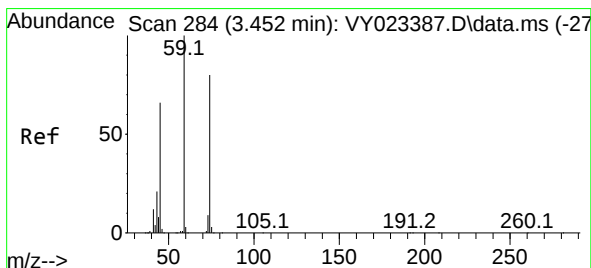
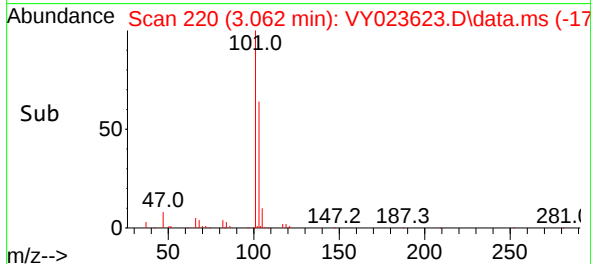
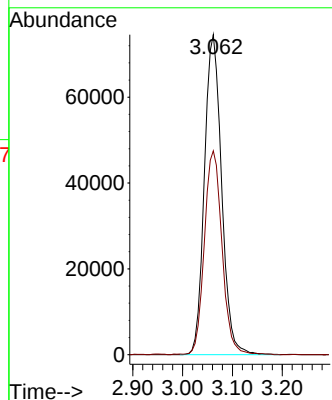
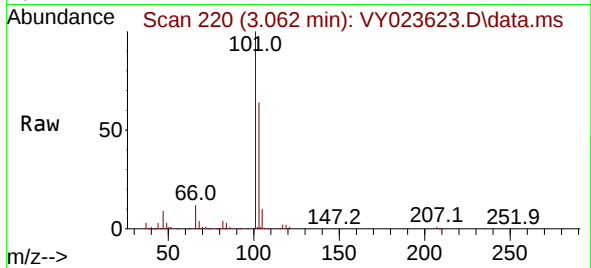




#7
Trichlorofluoromethane
Concen: 22.306 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

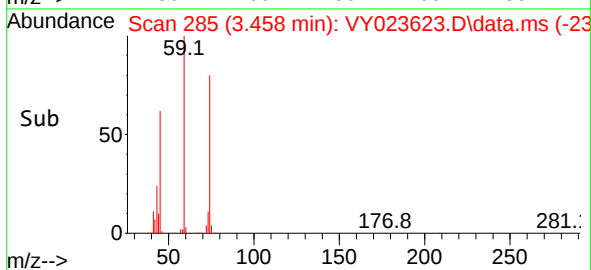
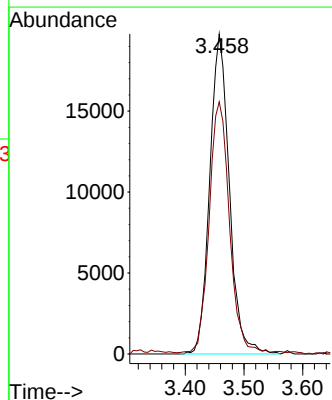
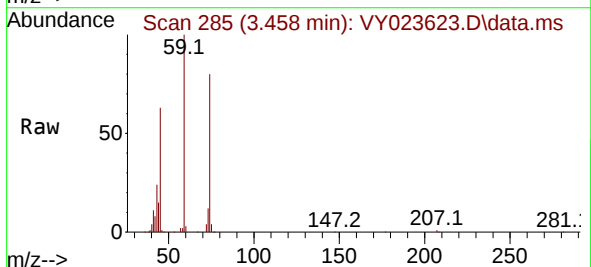
Instrument :
MSVOA_Y
ClientSampleId :

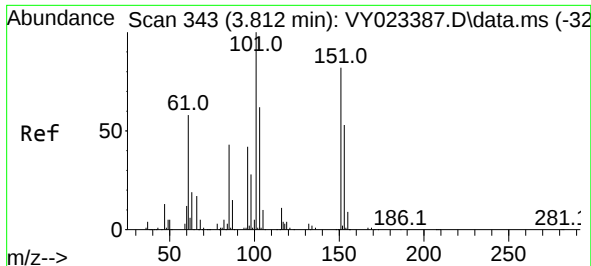
Tgt Ion:101 Resp: 178519
Ion Ratio Lower Upper
101 100
103 63.7 51.3 76.9



#8
Diethyl Ether
Concen: 21.809 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

Tgt Ion: 74 Resp: 45607
Ion Ratio Lower Upper
74 100
45 80.9 39.9 119.7

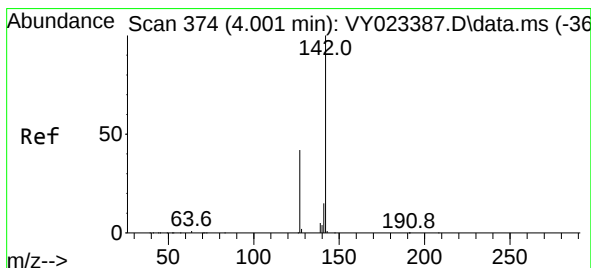
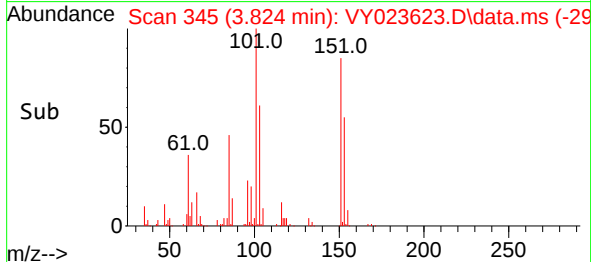
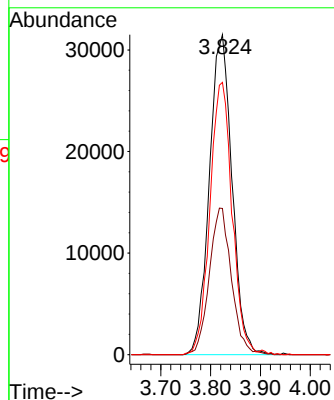
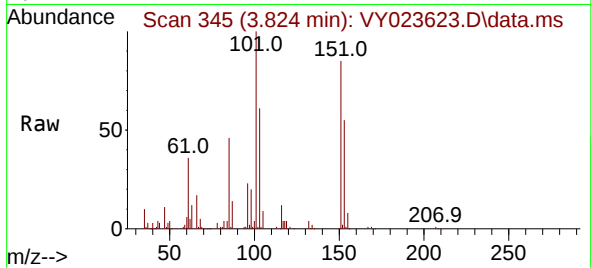




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.988 ug/l
RT: 3.824 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

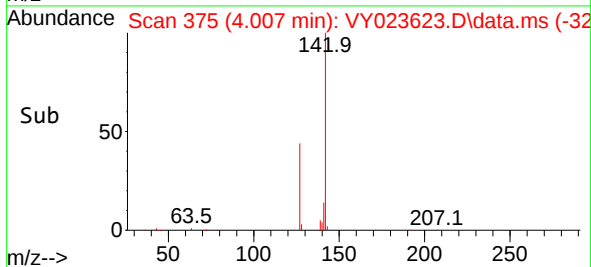
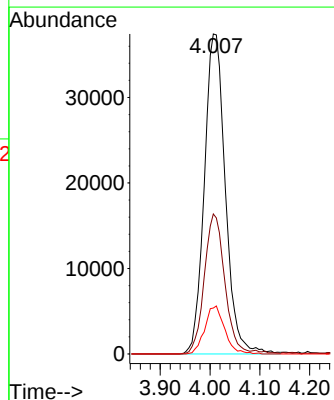
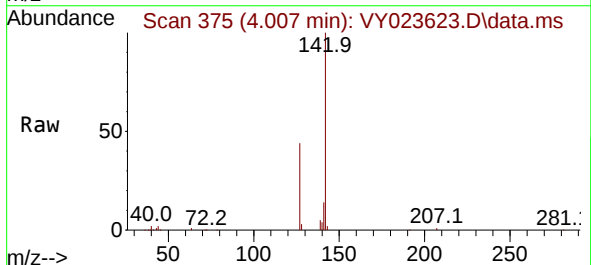
Instrument :
MSVOA_Y
ClientSampleId :

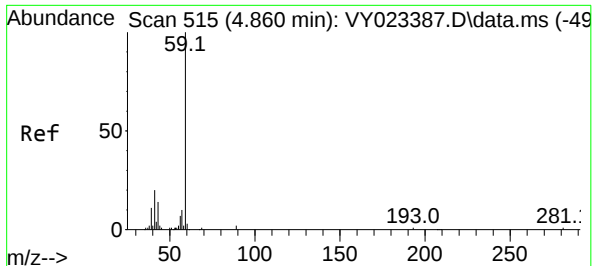
Tgt Ion:101 Resp: 99620
Ion Ratio Lower Upper
101 100
85 44.6 34.6 51.8
151 83.2 67.0 100.6



#10
Methyl Iodide
Concen: 23.720 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

Tgt Ion:142 Resp: 109664
Ion Ratio Lower Upper
142 100
127 43.1 34.8 52.2
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 99.142 ug/l

RT: 4.854 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

Instrument :

MSVOA_Y

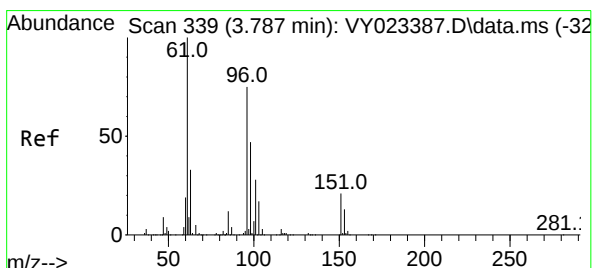
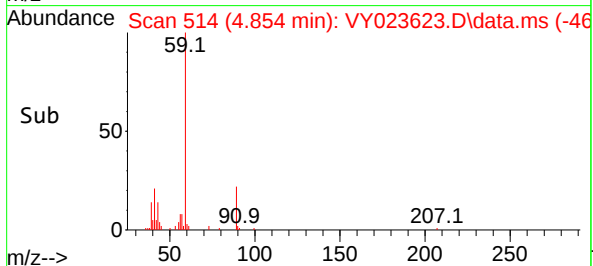
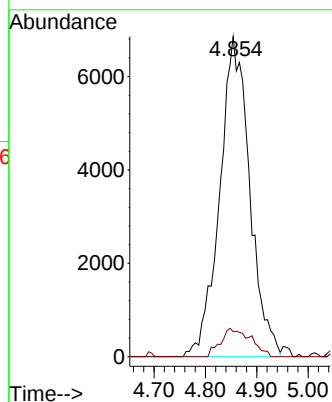
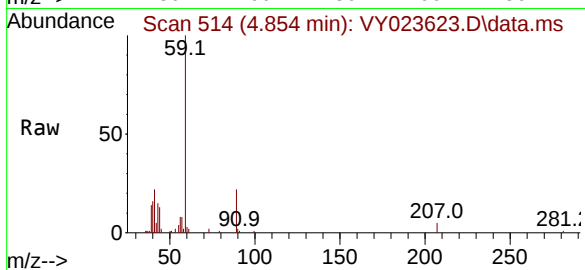
ClientSampleId :

Tgt Ion: 59 Resp: 27835

Ion Ratio Lower Upper

59 100

57 8.8 8.3 12.5



#12

1,1-Dichloroethene

Concen: 22.612 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

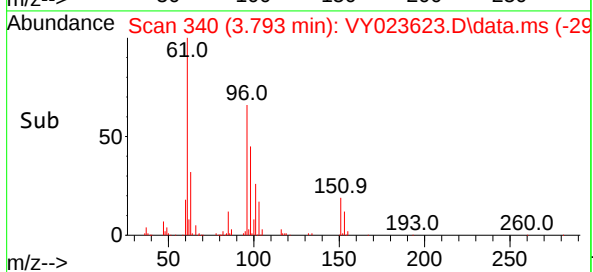
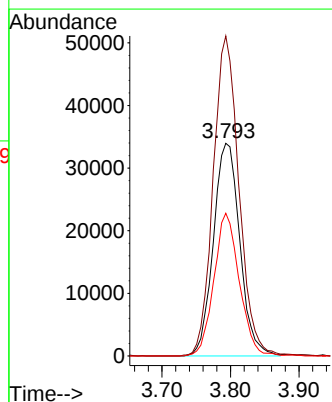
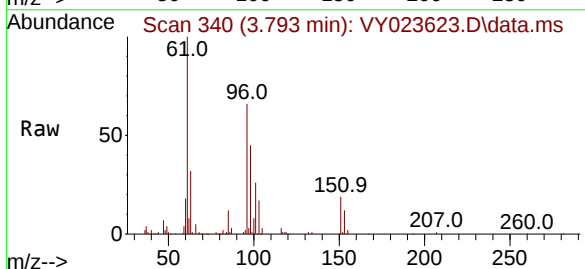
Tgt Ion: 96 Resp: 91031

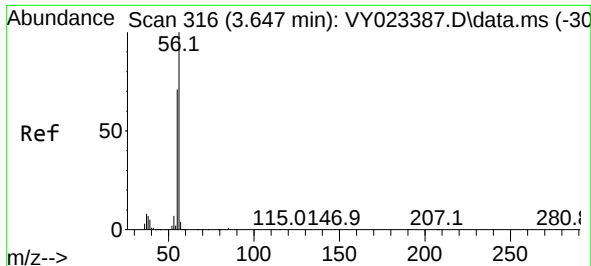
Ion Ratio Lower Upper

96 100

61 150.4 106.7 160.1

98 67.1 50.2 75.4

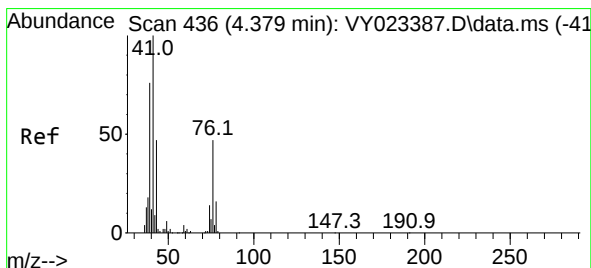
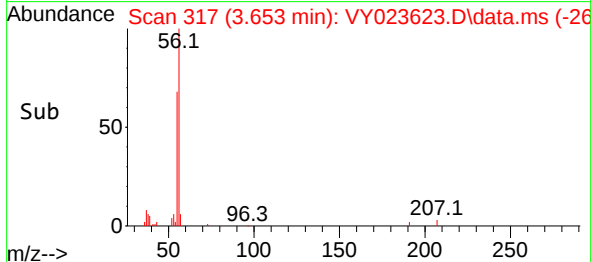
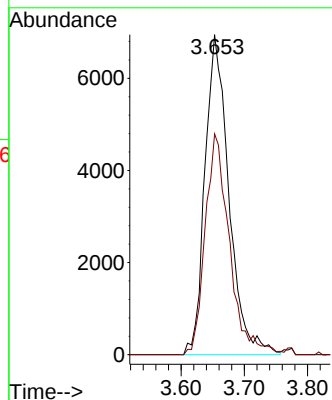
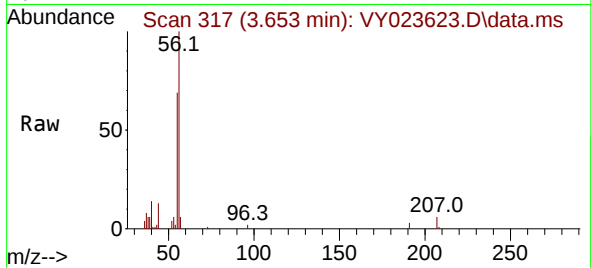




#13
Acrolein
Concen: 46.073 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

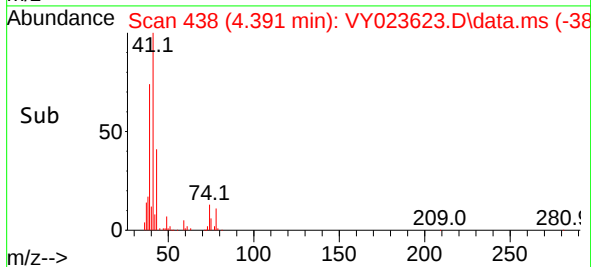
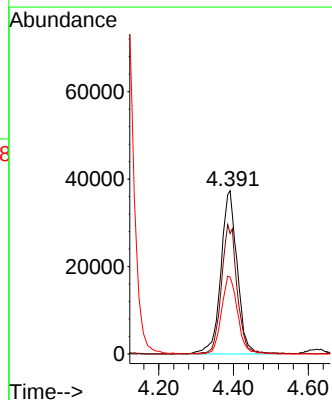
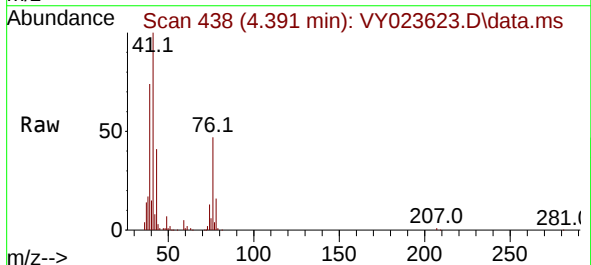
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 18278
Ion Ratio Lower Upper
56 100
55 70.0 56.1 84.1



#14
Allyl chloride
Concen: 23.176 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

Tgt Ion: 41 Resp: 113711
Ion Ratio Lower Upper
41 100
39 75.9 59.9 89.9
76 46.7 38.0 57.0

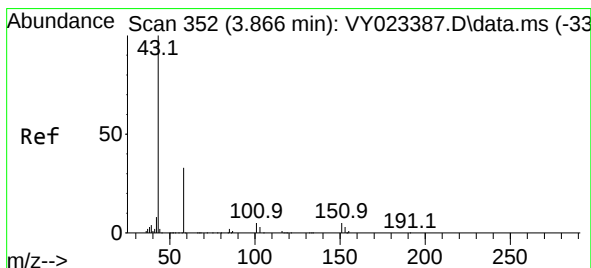
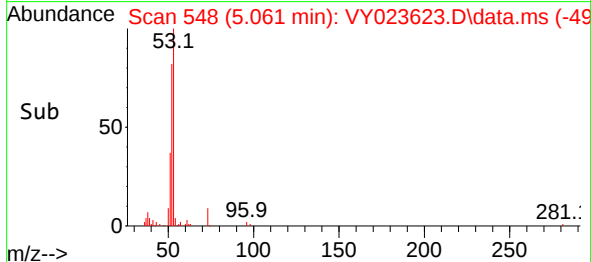
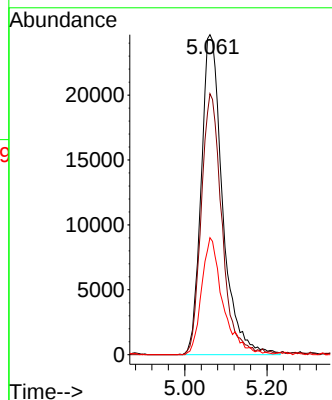
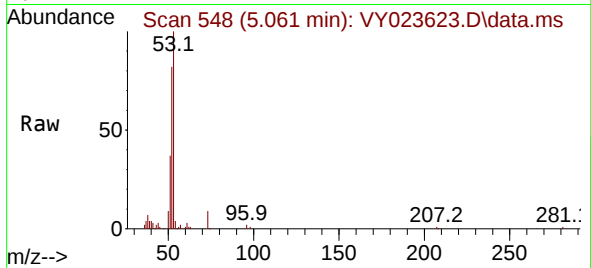




#15
Acrylonitrile
Concen: 111.271 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

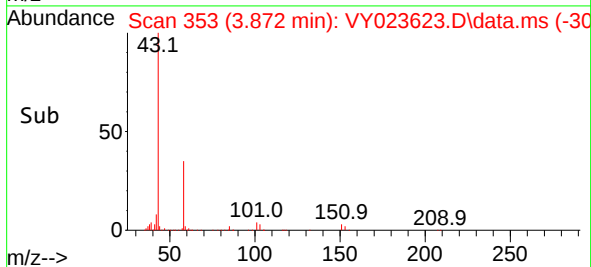
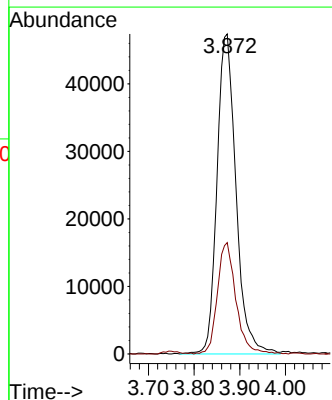
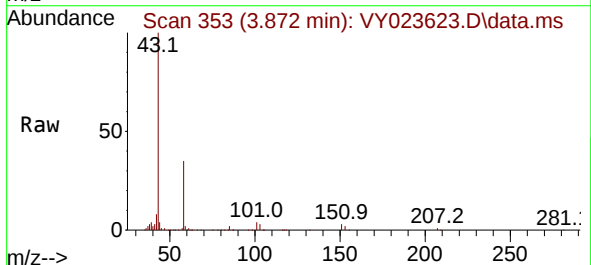
Instrument :
MSVOA_Y
ClientSampleId :

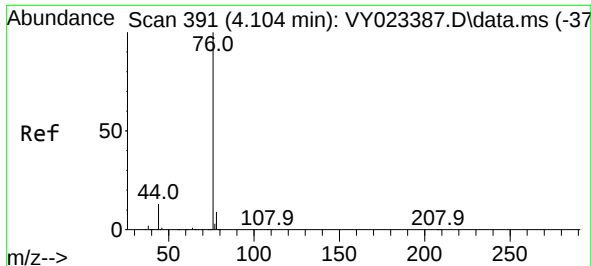
Tgt Ion: 53 Resp: 89051
Ion Ratio Lower Upper
53 100
52 78.8 64.6 97.0
51 36.6 29.5 44.3



#16
Acetone
Concen: 152.440 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

Tgt Ion: 43 Resp: 136960
Ion Ratio Lower Upper
43 100
58 34.5 27.7 41.5

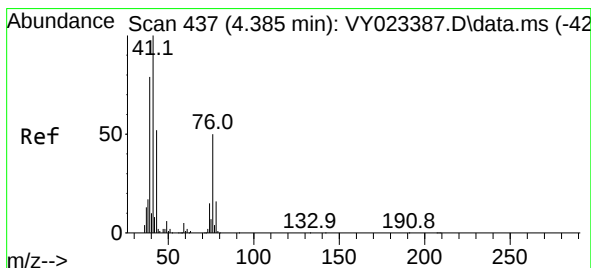
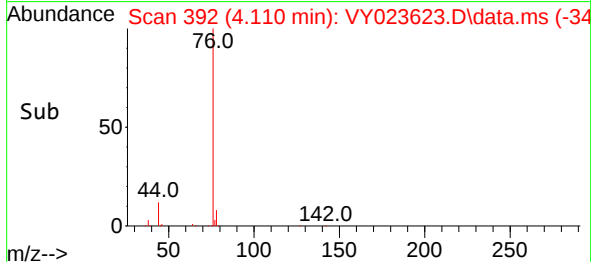
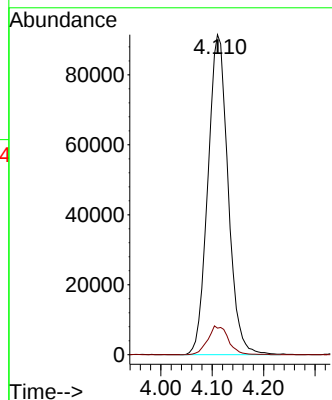
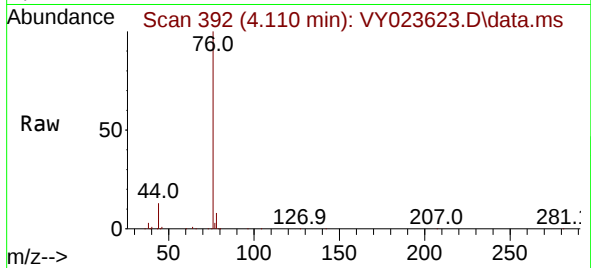




#17
Carbon Disulfide
Concen: 21.677 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

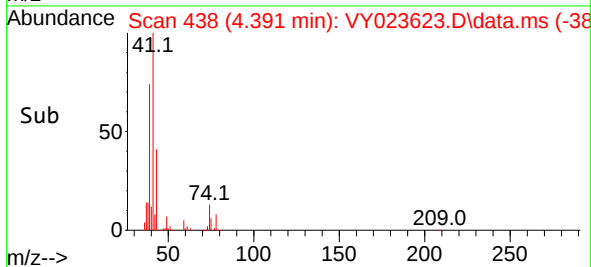
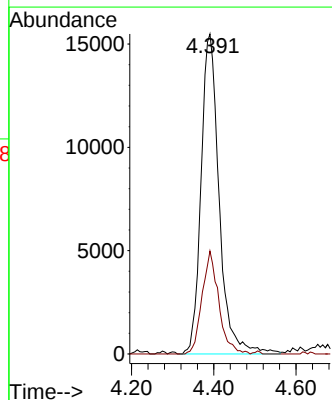
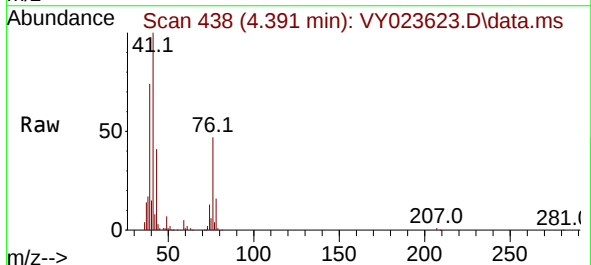
Instrument :
MSVOA_Y
ClientSampleId :

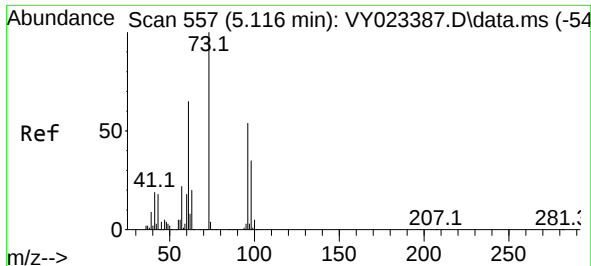
Tgt Ion: 76 Resp: 249767
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9



#18
Methyl Acetate
Concen: 20.091 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

Tgt Ion: 43 Resp: 47352
Ion Ratio Lower Upper
43 100
74 29.7 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 21.531 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

Instrument :

MSVOA_Y

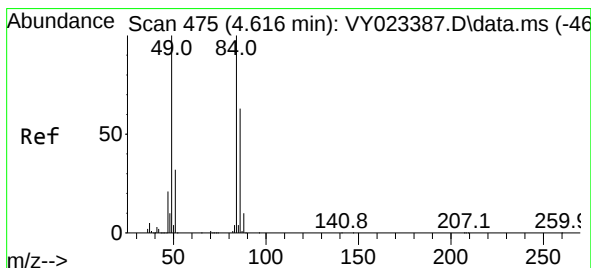
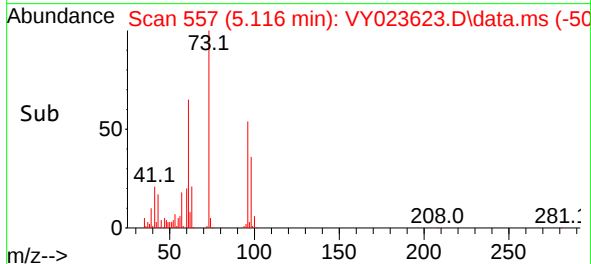
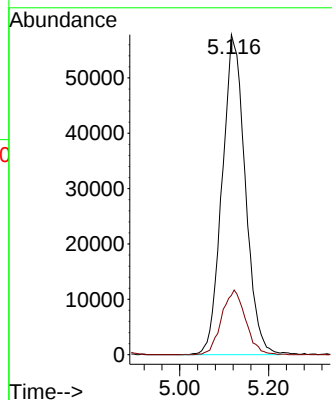
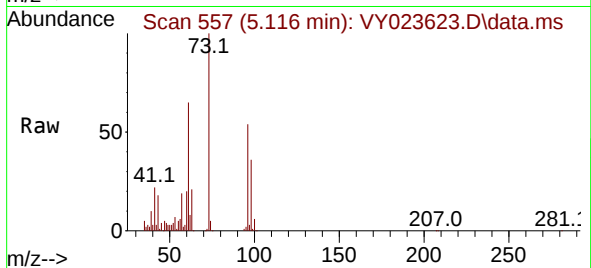
ClientSampleId :

Tgt Ion: 73 Resp: 208323

Ion Ratio Lower Upper

73 100

57 18.5 17.4 26.0



#20

Methylene Chloride

Concen: 22.051 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

Tgt Ion: 84 Resp: 107129

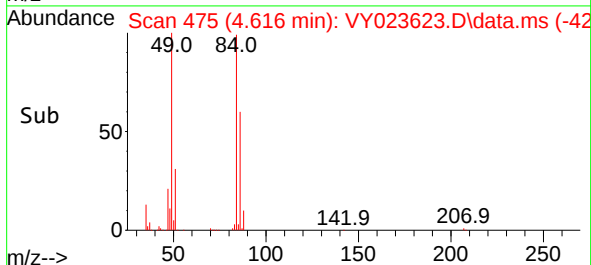
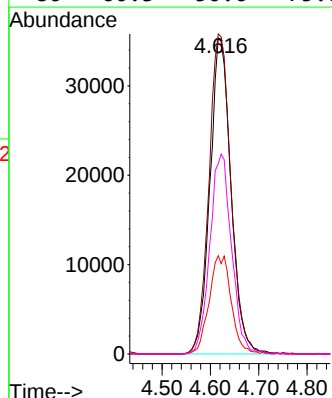
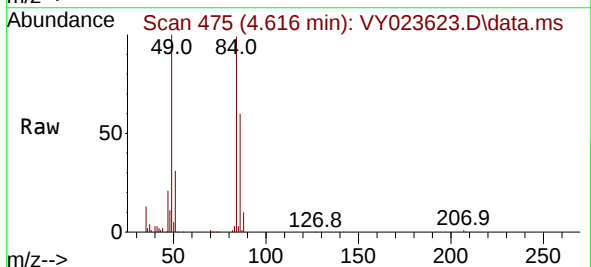
Ion Ratio Lower Upper

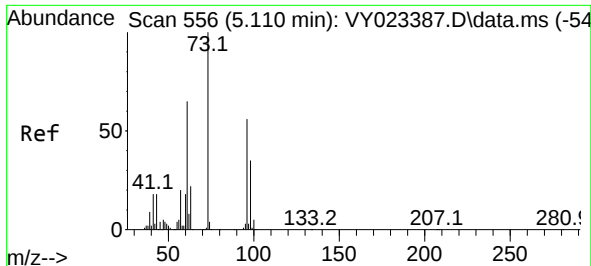
84 100

49 101.3 80.2 120.4

51 31.1 25.9 38.9

86 60.3 50.6 75.8

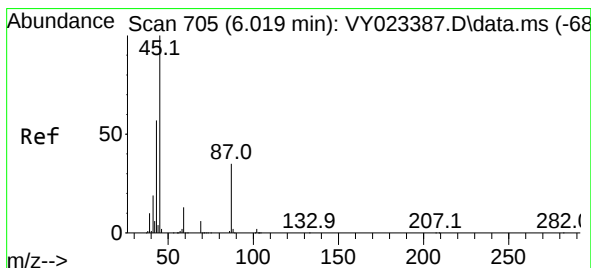
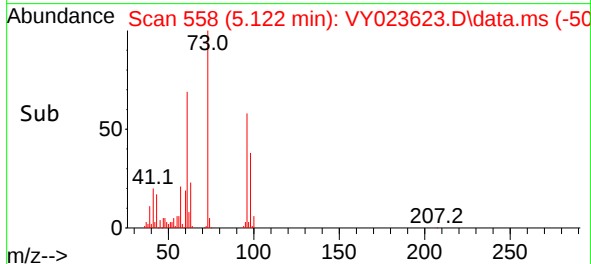
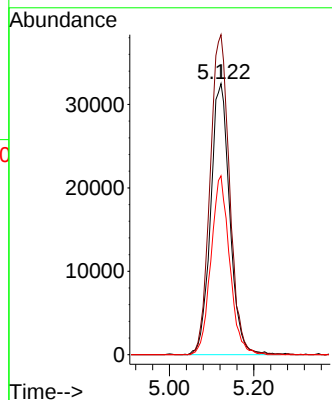
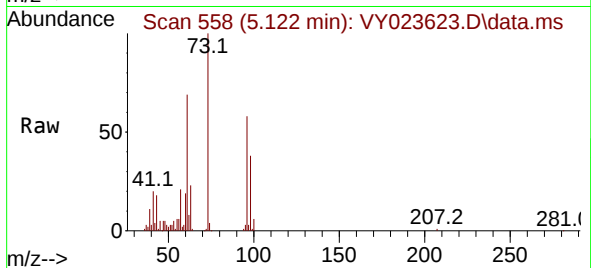




#21
trans-1,2-Dichloroethene
Concen: 23.130 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

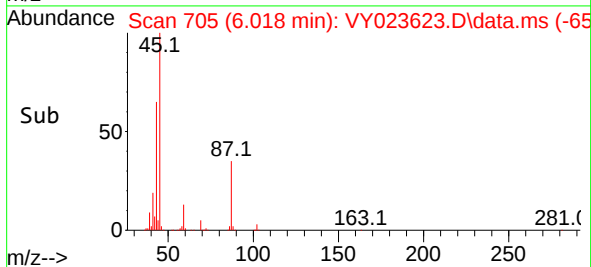
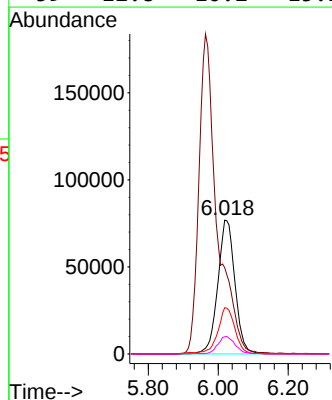
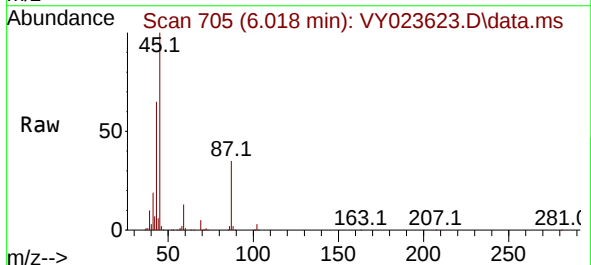
Instrument :
MSVOA_Y
ClientSampleId :

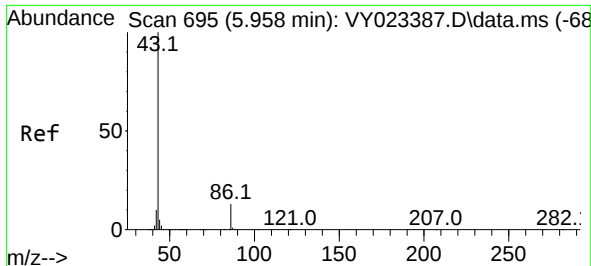
Tgt Ion: 96 Resp: 102517
Ion Ratio Lower Upper
96 100
61 118.1 92.7 139.1
98 66.0 49.7 74.5



#22
Diisopropyl ether
Concen: 24.105 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

Tgt Ion: 45 Resp: 261606
Ion Ratio Lower Upper
45 100
43 64.5 45.6 68.4
87 34.6 28.1 42.1
59 12.8 10.2 15.2

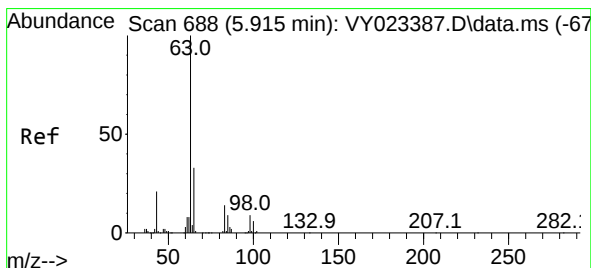
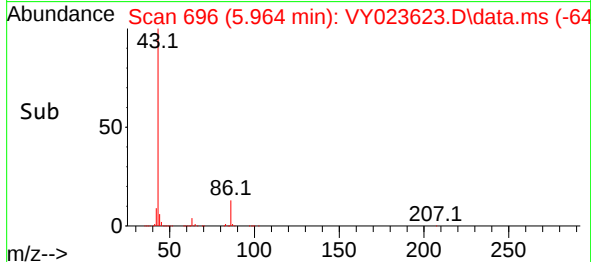
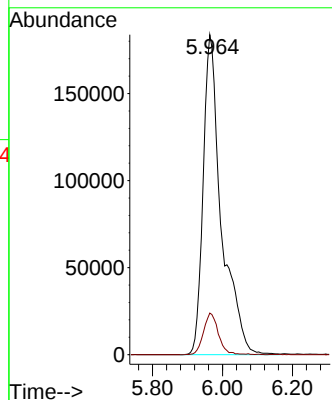
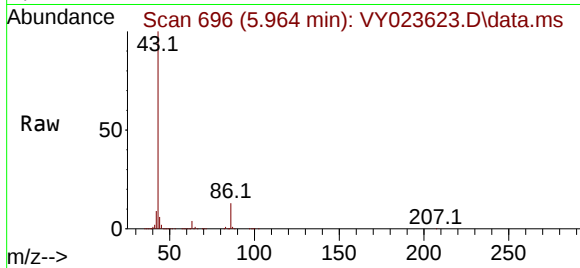




#23
 Vinyl Acetate
 Concen: 113.264 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023623.D
 Acq: 30 Oct 2025 11:09

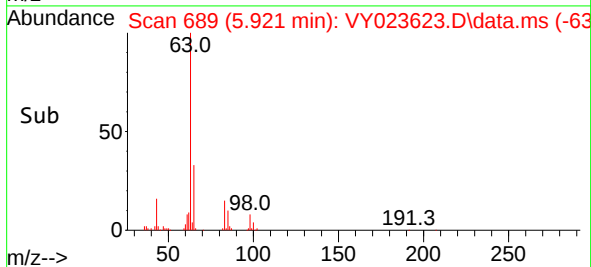
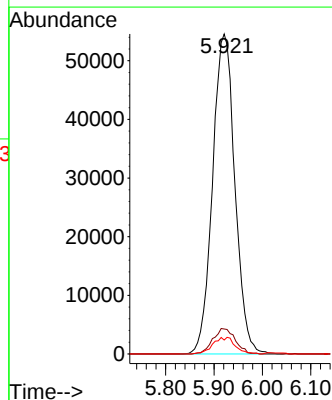
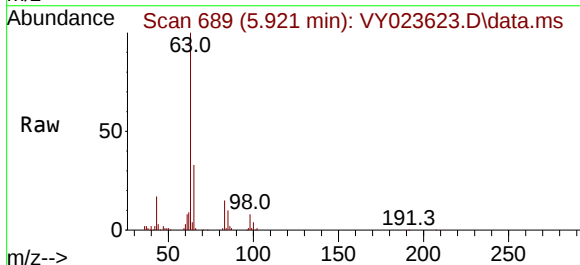
Instrument :
 MSVOA_Y
 ClientSampleId :

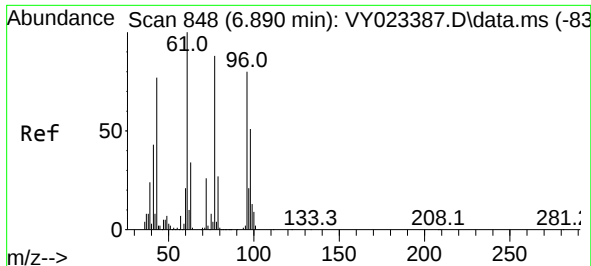
Tgt Ion: 43 Resp: 665342
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 24.298 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023623.D
 Acq: 30 Oct 2025 11:09

Tgt Ion: 63 Resp: 174672
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.3 13.1
 100 4.3 2.8 8.4





#25

2-Butanone

Concen: 127.527 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

Instrument :

MSVOA_Y

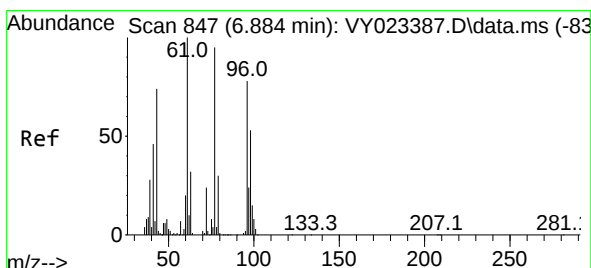
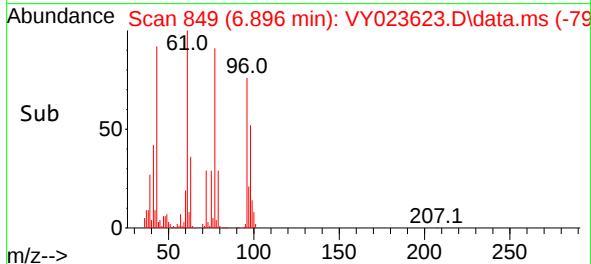
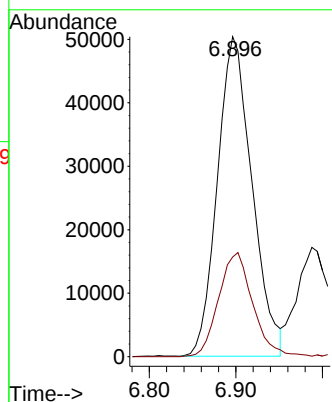
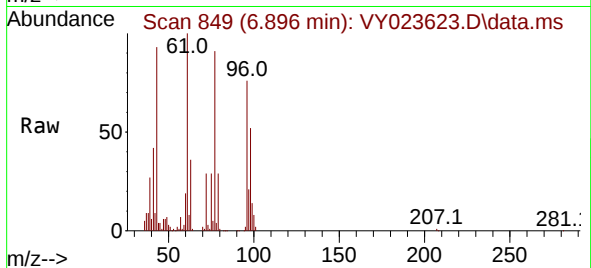
ClientSampleId :

Tgt Ion: 43 Resp: 139880

Ion Ratio Lower Upper

43 100

72 31.2 27.4 41.2



#26

2,2-Dichloropropane

Concen: 24.511 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023623.D

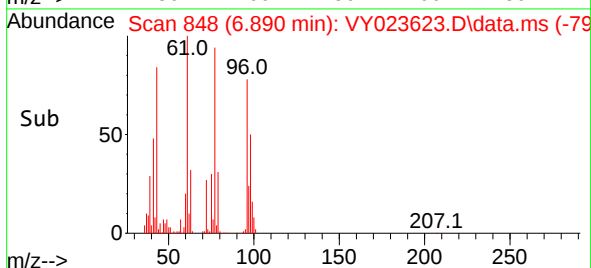
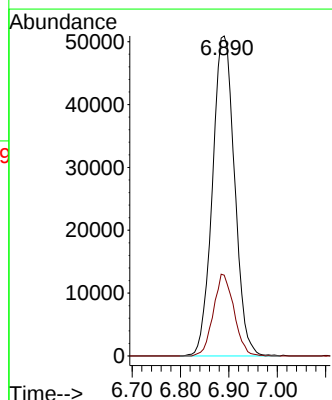
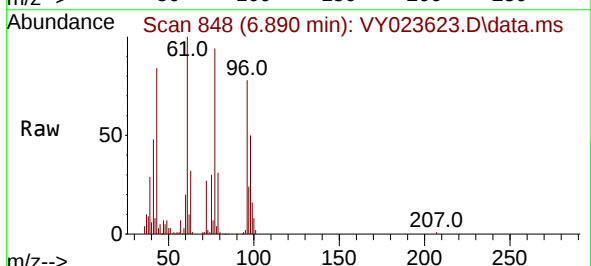
Acq: 30 Oct 2025 11:09

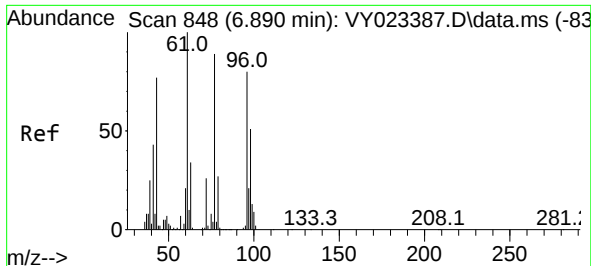
Tgt Ion: 77 Resp: 161688

Ion Ratio Lower Upper

77 100

97 23.8 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 23.094 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

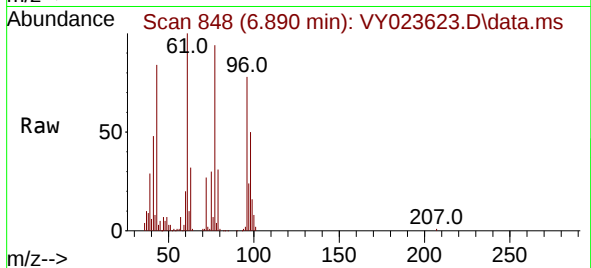
Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :



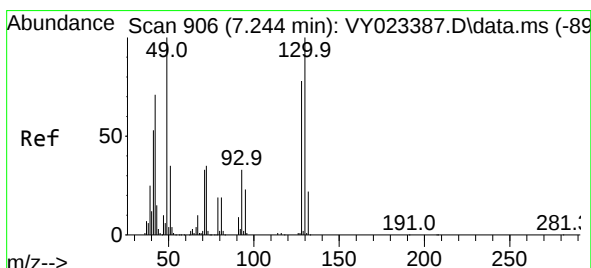
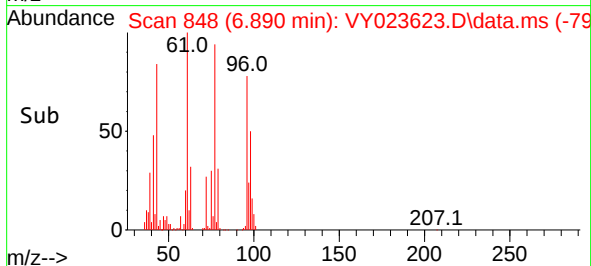
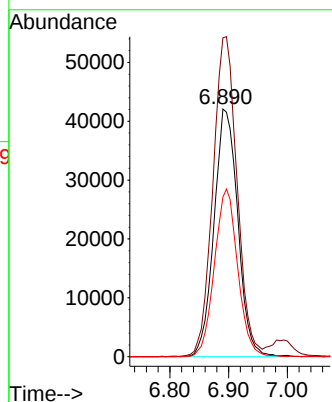
Tgt Ion: 96 Resp: 118235

Ion Ratio Lower Upper

96 100

61 131.3 0.0 258.2

98 66.3 0.0 132.0



#28

Bromochloromethane

Concen: 23.207 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

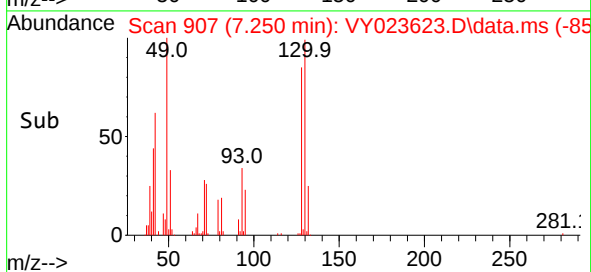
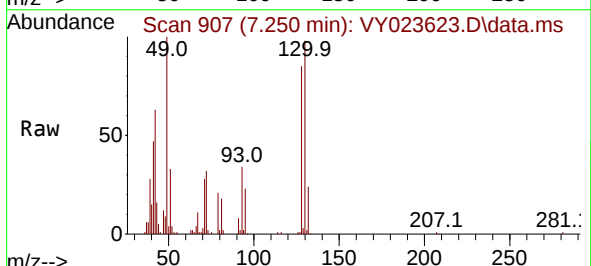
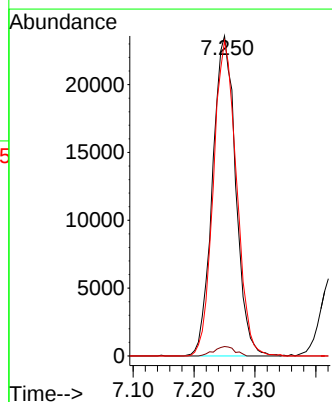
Tgt Ion: 49 Resp: 62282

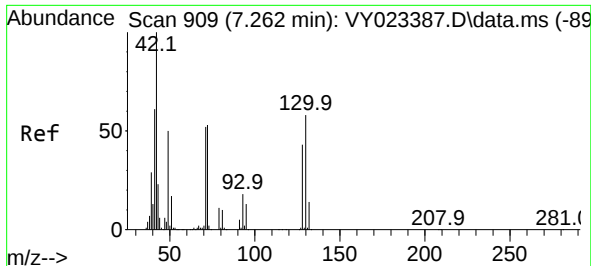
Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.6

130 98.2 81.9 122.9





#29

Tetrahydrofuran

Concen: 103.151 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

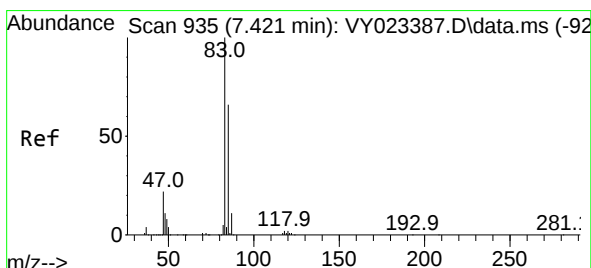
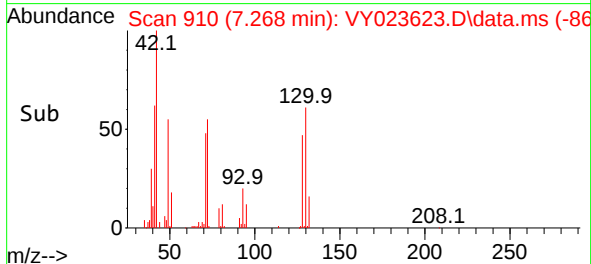
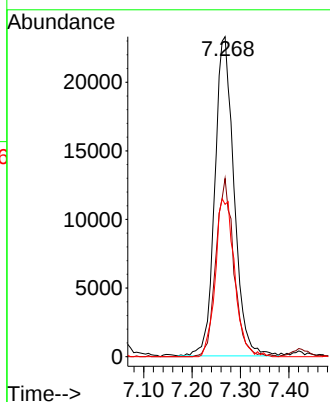
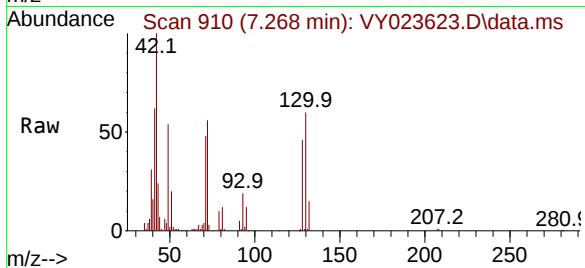
Tgt Ion: 42 Resp: 64160

Ion Ratio Lower Upper

42 100

72 51.9 43.0 64.6

71 49.7 40.1 60.1



#30

Chloroform

Concen: 24.371 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023623.D

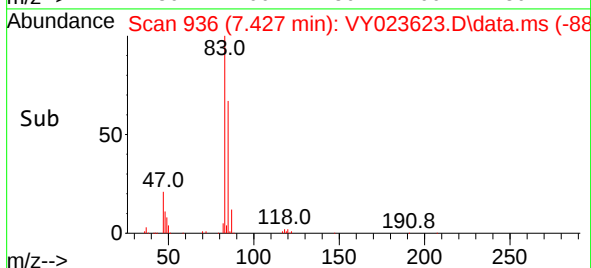
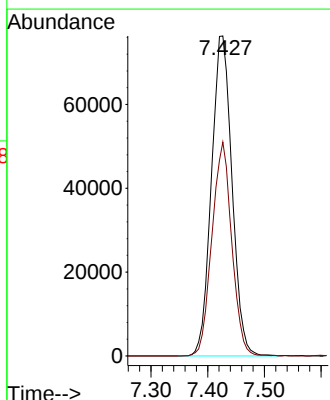
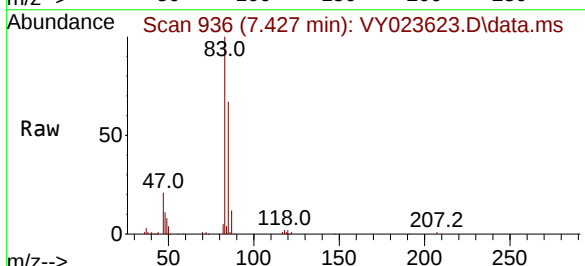
Acq: 30 Oct 2025 11:09

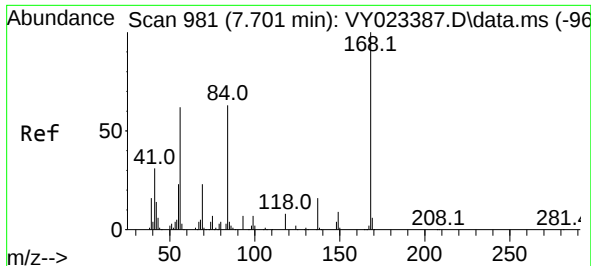
Tgt Ion: 83 Resp: 192487

Ion Ratio Lower Upper

83 100

85 66.9 52.5 78.7

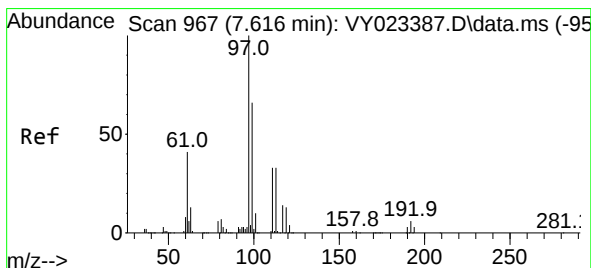
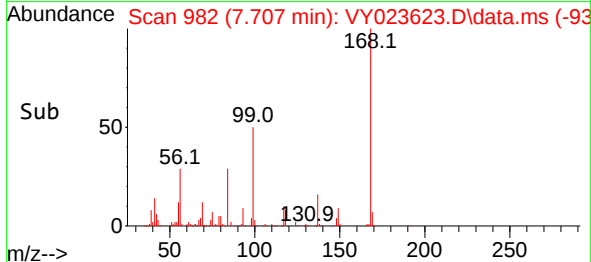
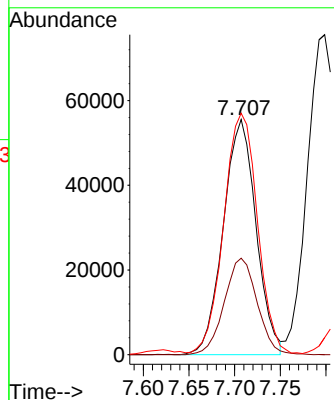
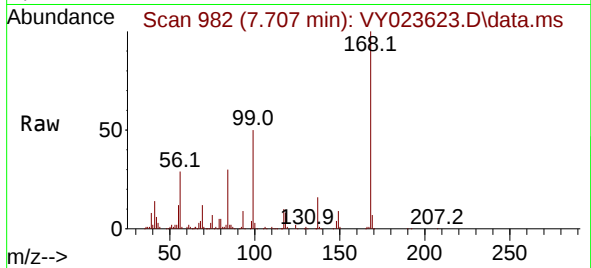




#31
Cyclohexane
Concen: 22.088 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

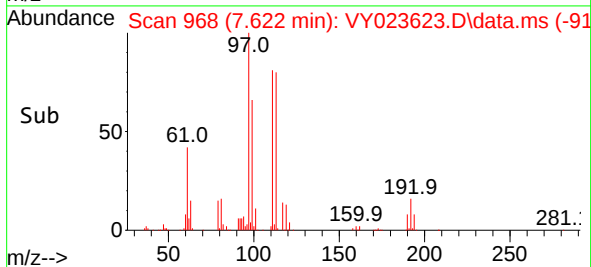
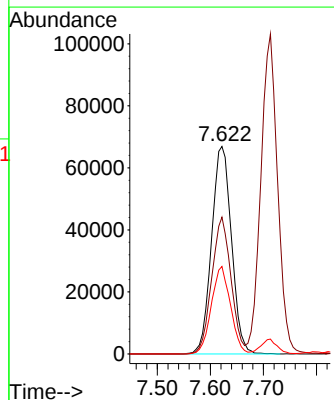
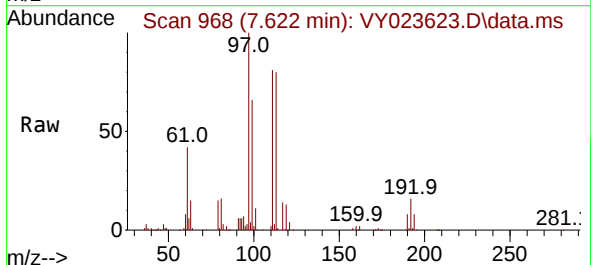
Instrument :
MSVOA_Y
ClientSampleId :

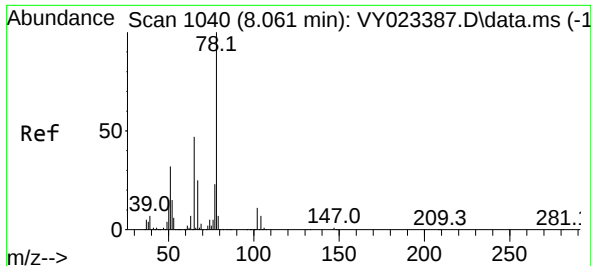
Tgt Ion: 56 Resp: 138669
Ion Ratio Lower Upper
56 100
69 41.0 30.0 45.0
84 101.3 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 24.310 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

Tgt Ion: 97 Resp: 174489
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.2
61 40.5 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 52.767 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

Instrument :

MSVOA_Y

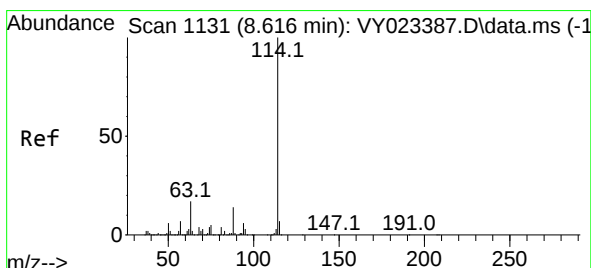
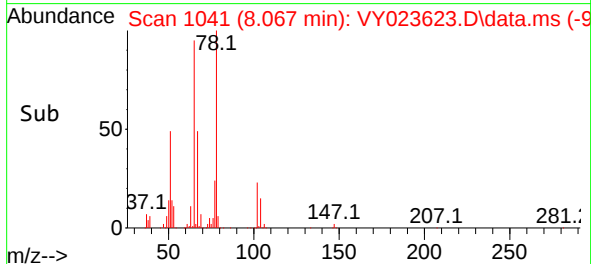
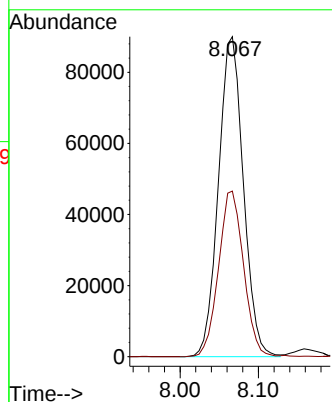
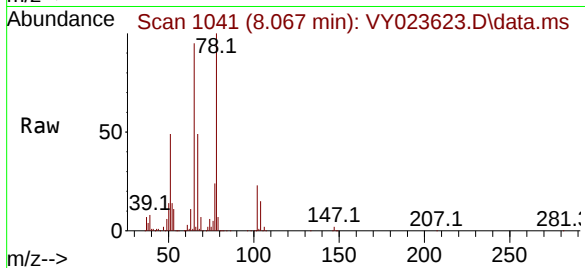
ClientSampleId :

Tgt Ion: 65 Resp: 199138

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

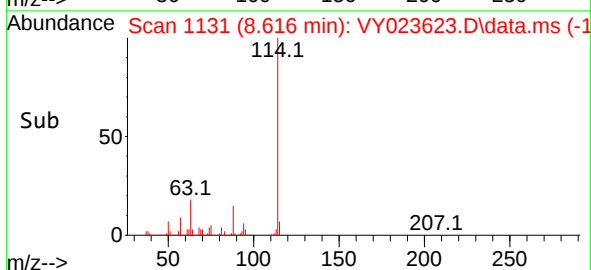
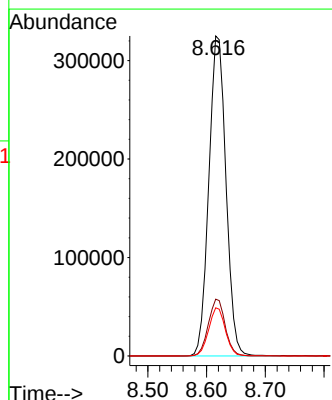
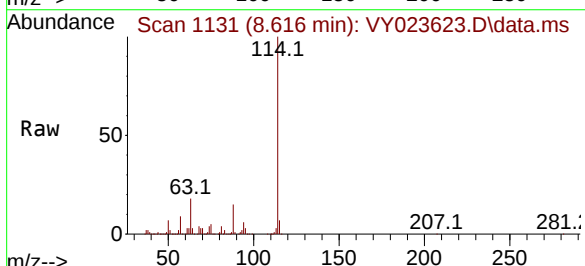
Tgt Ion: 114 Resp: 657731

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.2

88 15.1 0.0 28.4

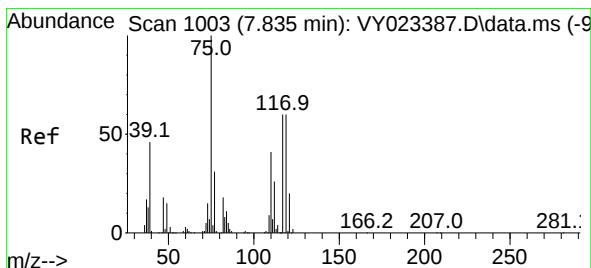
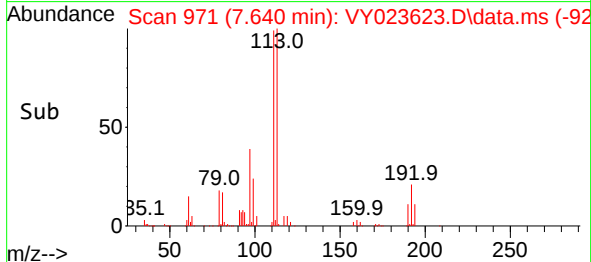
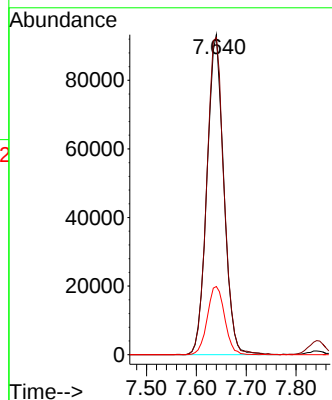
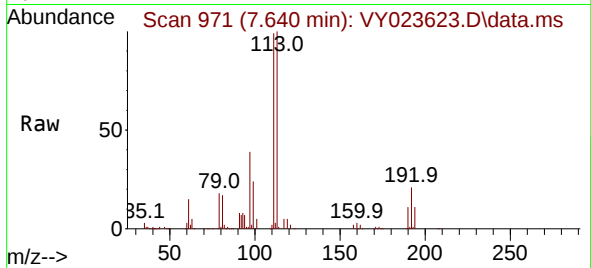




#35
Dibromofluoromethane
Concen: 54.103 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

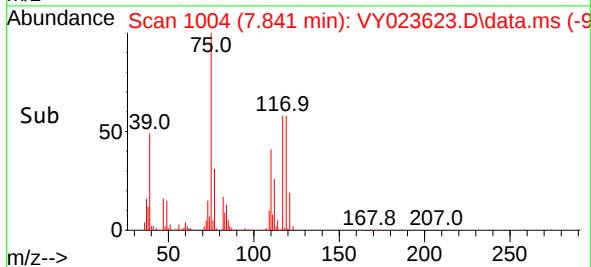
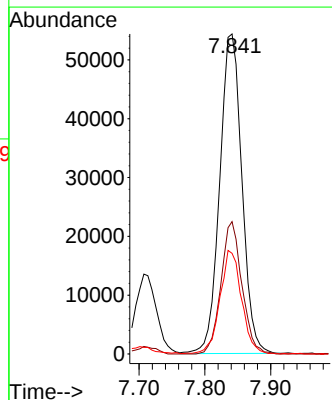
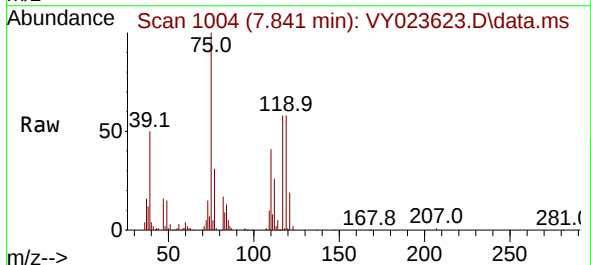
Instrument :
MSVOA_Y
ClientSampleId :

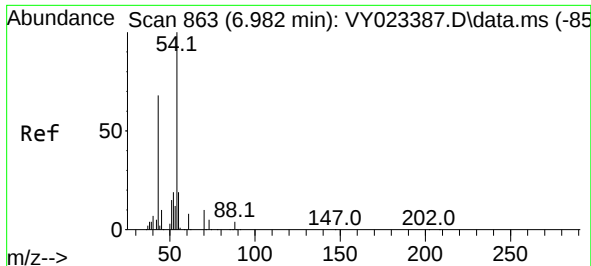
Tgt Ion:113 Resp: 218654
Ion Ratio Lower Upper
113 100
111 101.4 81.8 122.6
192 22.0 18.0 27.0



#36
1,1-Dichloropropene
Concen: 23.871 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

Tgt Ion: 75 Resp: 127719
Ion Ratio Lower Upper
75 100
110 39.0 19.9 59.7
77 31.6 25.0 37.6





#37

Ethyl Acetate

Concen: 21.769 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

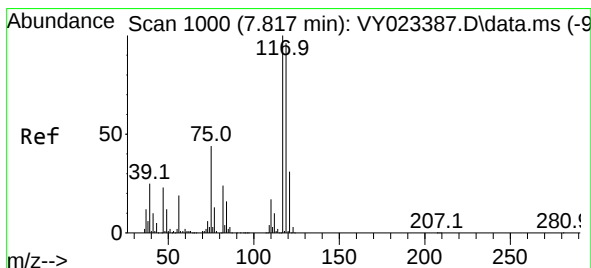
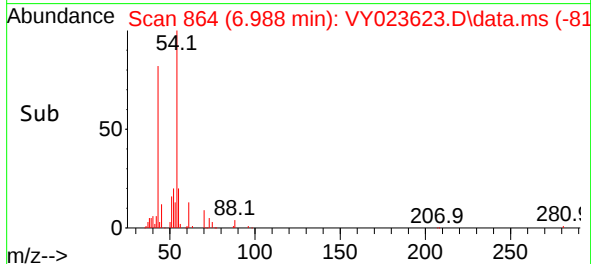
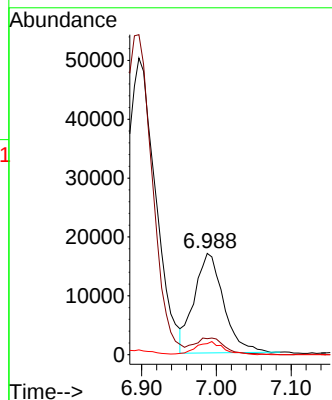
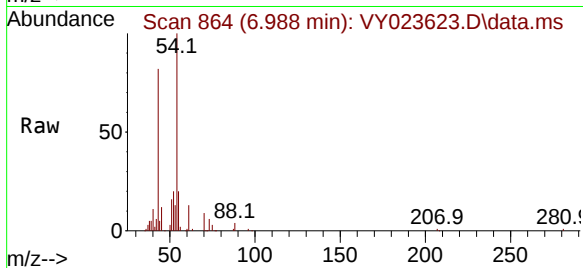
Tgt Ion: 43 Resp: 46143

Ion Ratio Lower Upper

43 100

61 17.8 11.8 17.8#

70 12.2 10.5 15.7



#38

Carbon Tetrachloride

Concen: 23.963 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

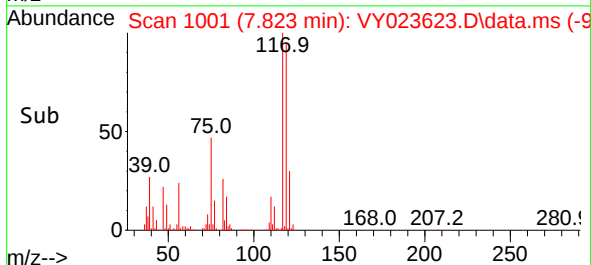
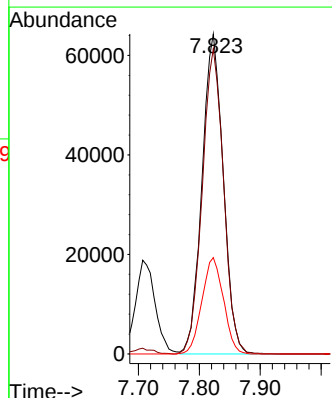
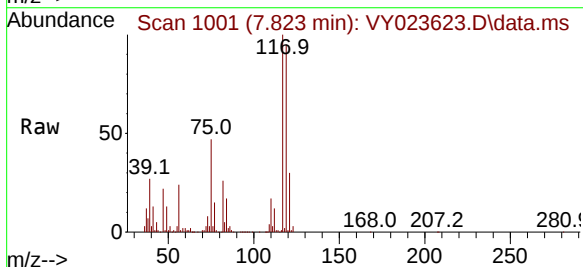
Tgt Ion: 117 Resp: 155466

Ion Ratio Lower Upper

117 100

119 95.4 76.8 115.2

121 30.1 24.5 36.7





#39

Methylcyclohexane

Concen: 22.900 ug/l

RT: 9.115 min Scan# 11

Delta R.T. 0.006 min

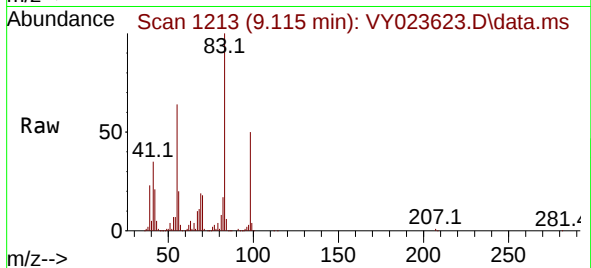
Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :



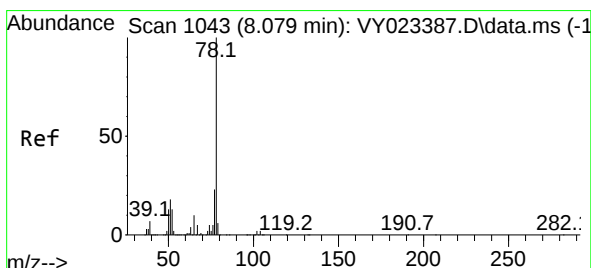
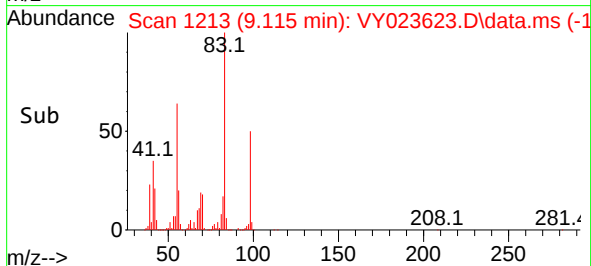
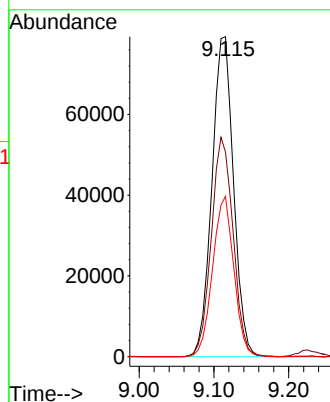
Tgt Ion: 83 Resp: 159529

Ion Ratio Lower Upper

83 100

55 63.9 51.4 77.2

98 50.1 40.4 60.6



#40

Benzene

Concen: 24.147 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023623.D

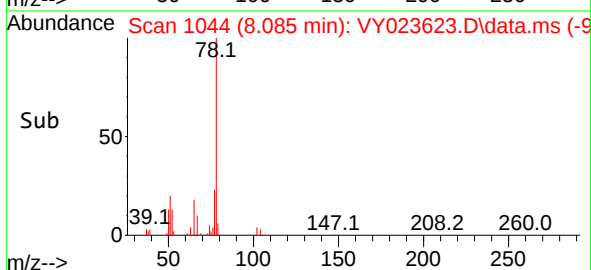
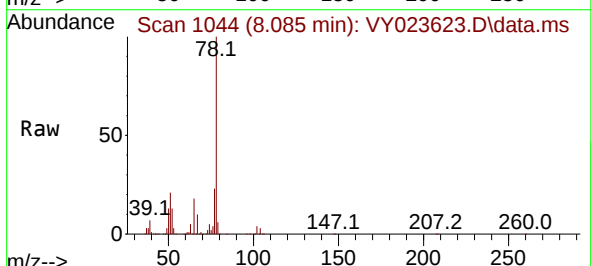
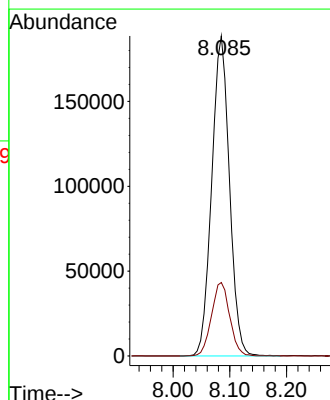
Acq: 30 Oct 2025 11:09

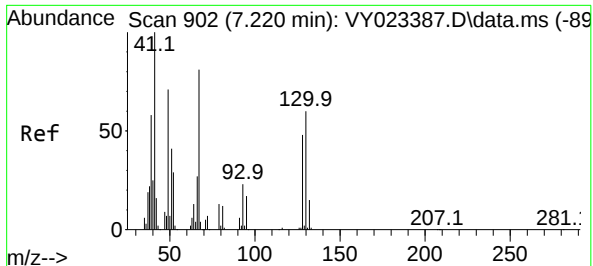
Tgt Ion: 78 Resp: 409157

Ion Ratio Lower Upper

78 100

77 23.0 18.3 27.5

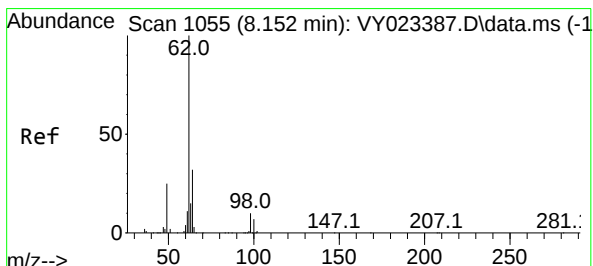
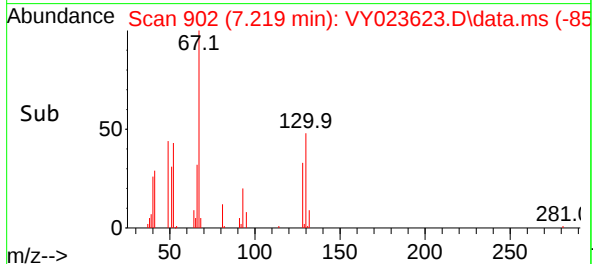
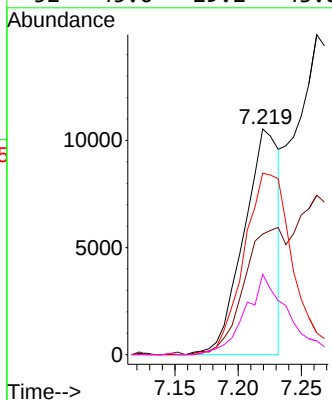
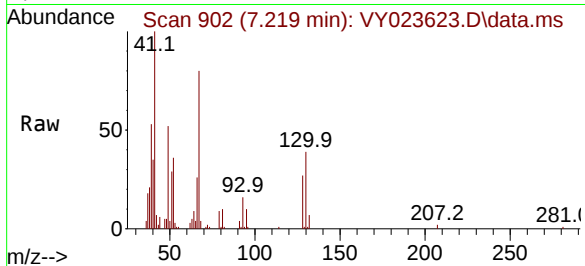




#41
Methacrylonitrile
Concen: 17.714 ug/l
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

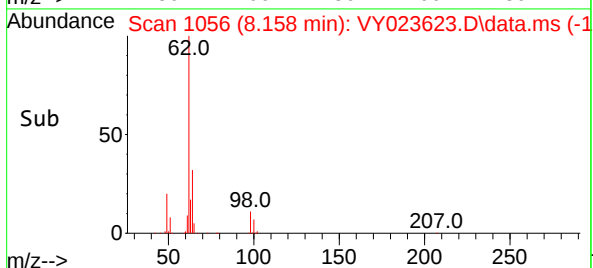
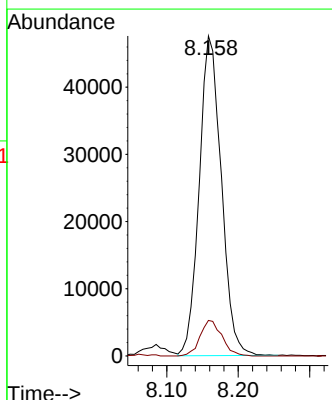
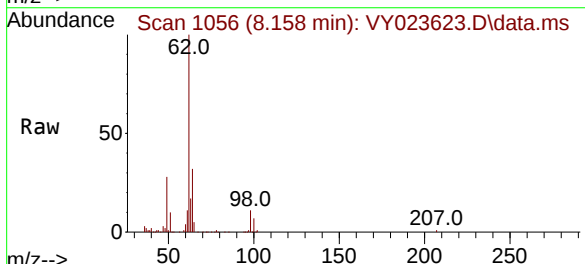
Instrument :
MSVOA_Y
ClientSampleId :

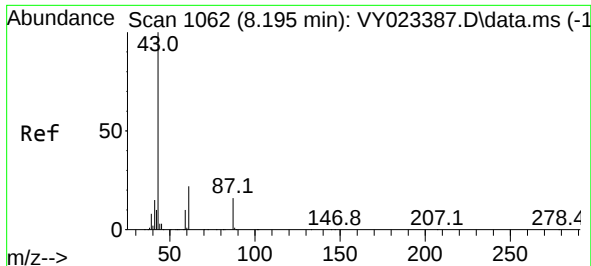
Tgt Ion: 41 Resp: 20308
Ion Ratio Lower Upper
41 100
39 66.9 52.2 78.4
67 112.9 74.9 112.3#
52 45.6 29.2 43.8#



#42
1,2-Dichloroethane
Concen: 23.340 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

Tgt Ion: 62 Resp: 101997
Ion Ratio Lower Upper
62 100
98 11.0 0.0 21.6

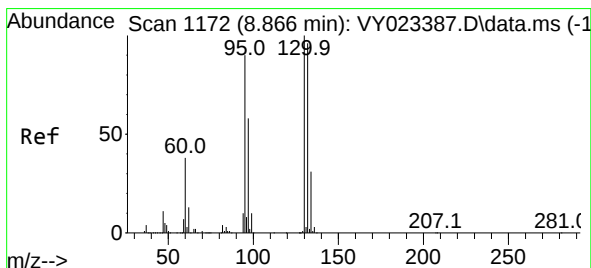
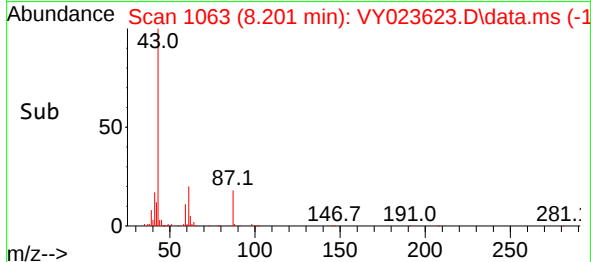
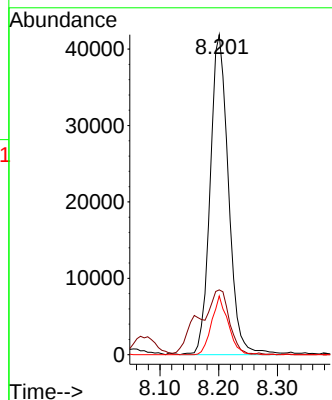
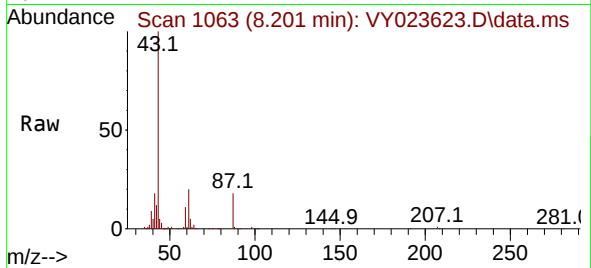




#43
Isopropyl Acetate
Concen: 21.424 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

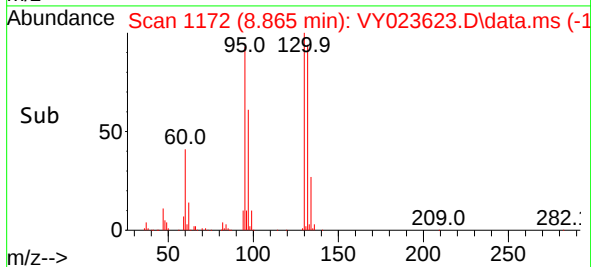
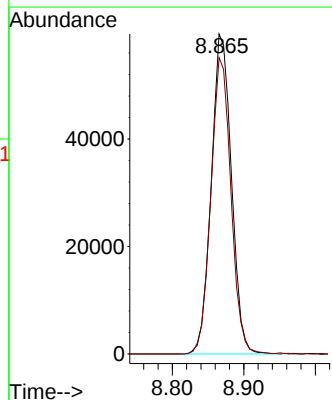
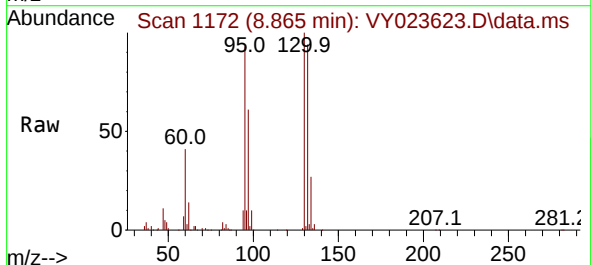
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 90555
Ion Ratio Lower Upper
43 100
61 21.1 18.1 27.1
87 16.6 13.5 20.3



#44
Trichloroethene
Concen: 23.428 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

Tgt Ion:130 Resp: 116192
Ion Ratio Lower Upper
130 100
95 92.6 0.0 180.6





#45

1,2-Dichloropropane

Concen: 24.598 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

Instrument :

MSVOA_Y

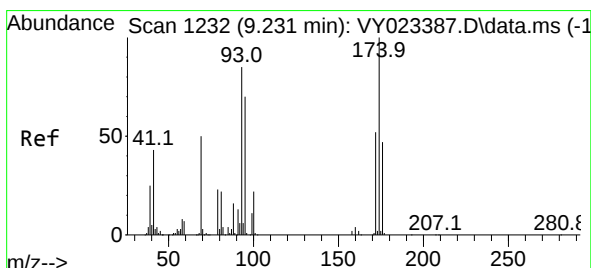
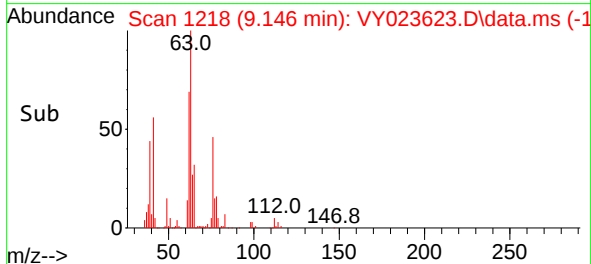
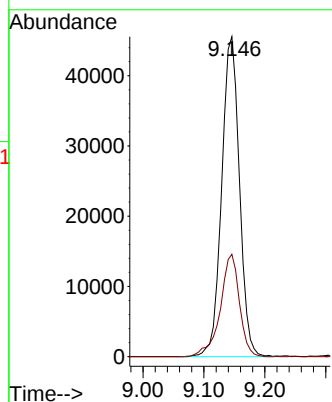
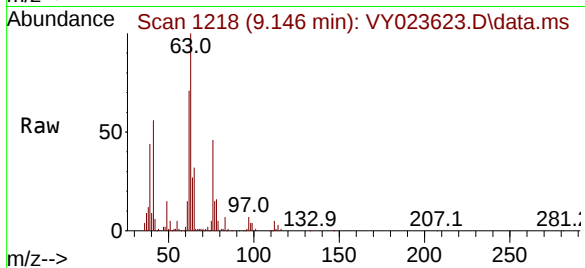
ClientSampleId :

Tgt Ion: 63 Resp: 92062

Ion Ratio Lower Upper

63 100

65 32.0 24.9 37.3



#46

Dibromomethane

Concen: 22.704 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

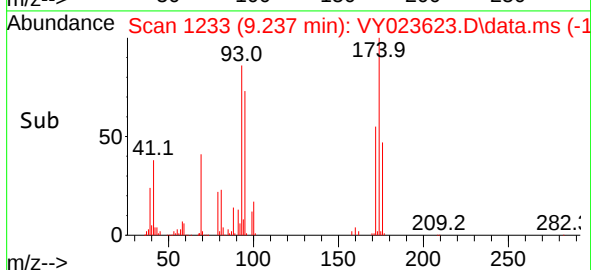
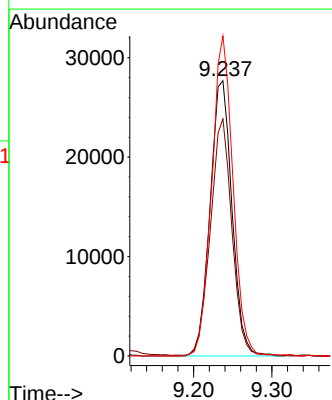
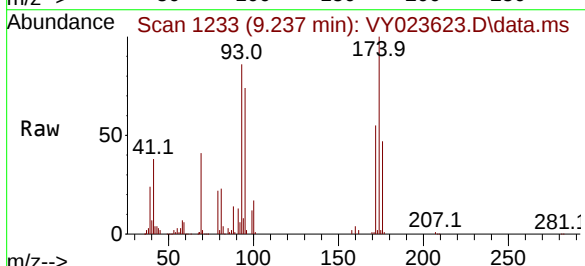
Tgt Ion: 93 Resp: 53731

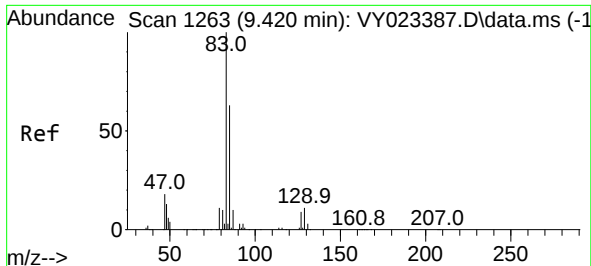
Ion Ratio Lower Upper

93 100

95 85.2 65.4 98.0

174 113.5 92.9 139.3

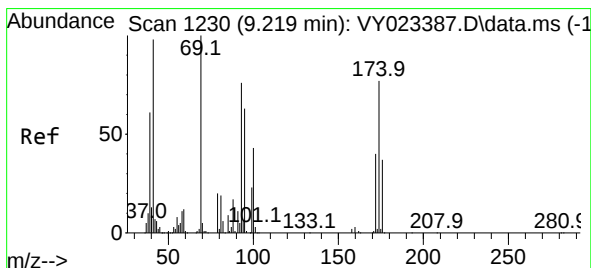
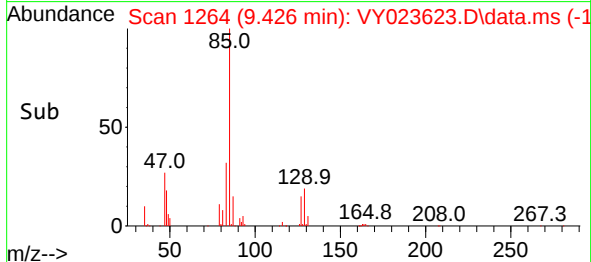
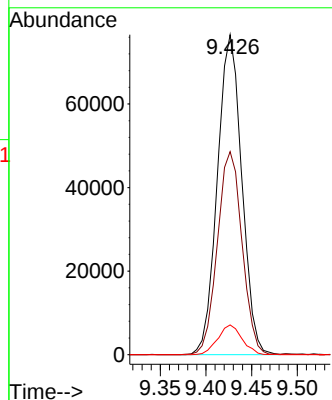
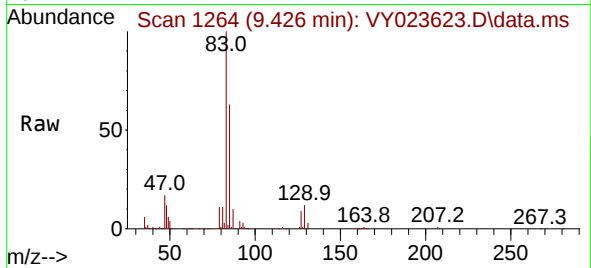




#47
Bromodichloromethane
Concen: 23.861 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

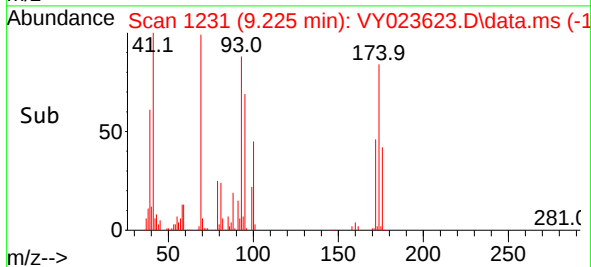
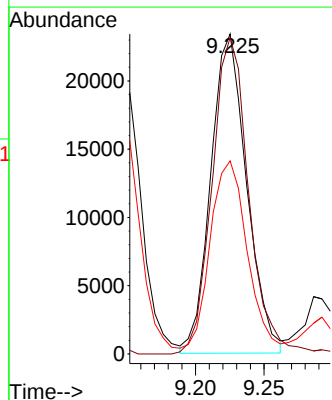
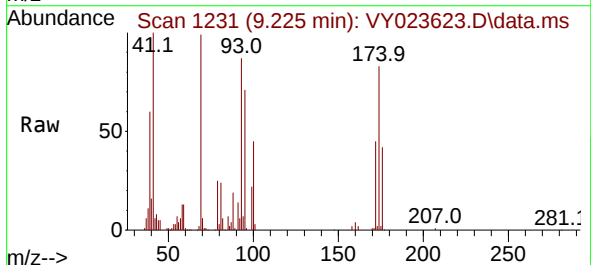
Instrument :
MSVOA_Y
ClientSampleId :

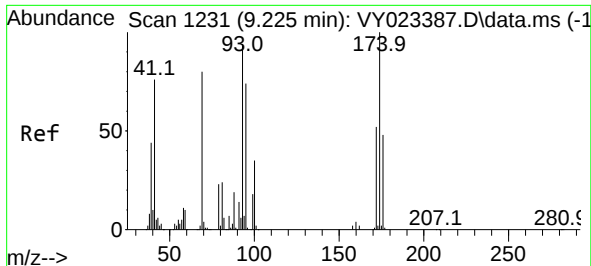
Tgt Ion: 83 Resp: 142222
Ion Ratio Lower Upper
83 100
85 63.4 50.8 76.2
127 9.3 7.4 11.2



#48
Methyl methacrylate
Concen: 21.465 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

Tgt Ion: 41 Resp: 42623
Ion Ratio Lower Upper
41 100
69 102.1 81.0 121.4
39 59.6 48.2 72.4





#49

1,4-Dioxane

Concen: 406.835 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

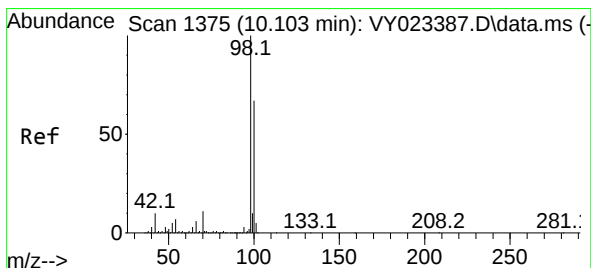
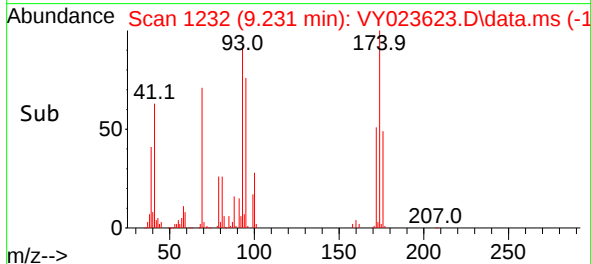
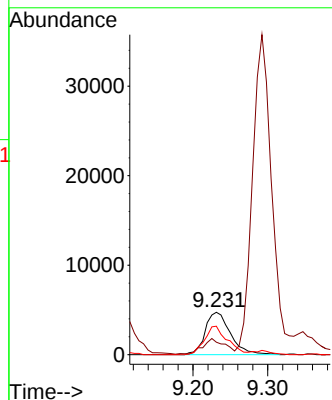
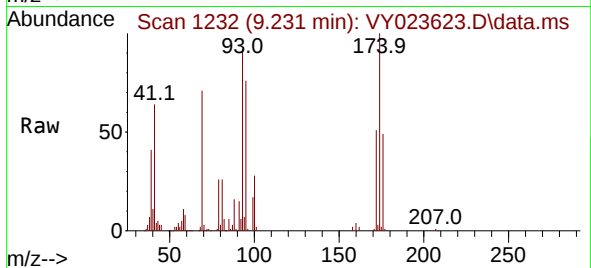
Tgt Ion: 88 Resp: 11163

Ion Ratio Lower Upper

88 100

43 31.5 21.8 32.8

58 61.0 46.8 70.2



#50

Toluene-d8

Concen: 53.057 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023623.D

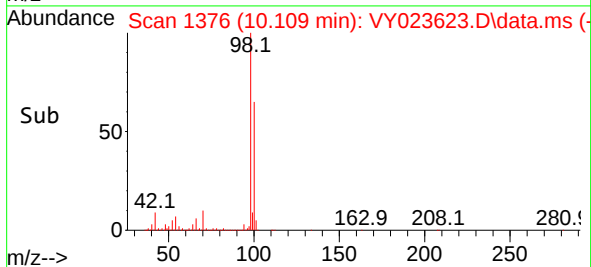
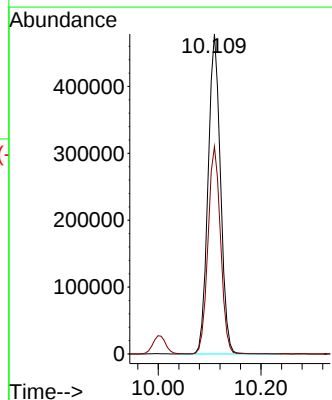
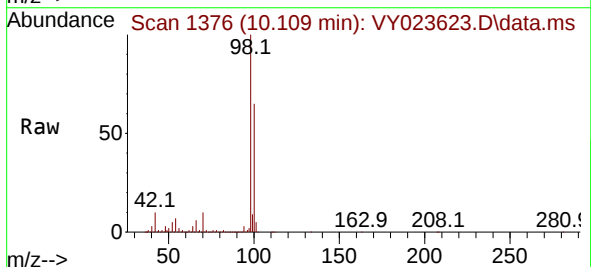
Acq: 30 Oct 2025 11:09

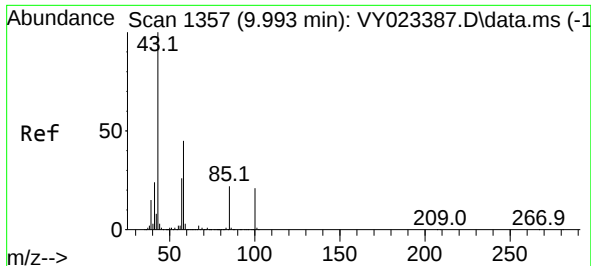
Tgt Ion: 98 Resp: 798548

Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 110.832 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

Instrument :

MSVOA_Y

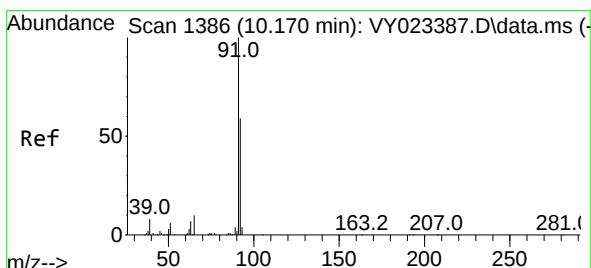
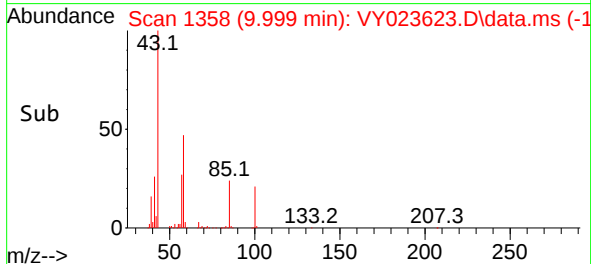
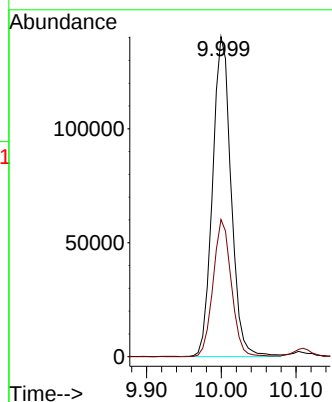
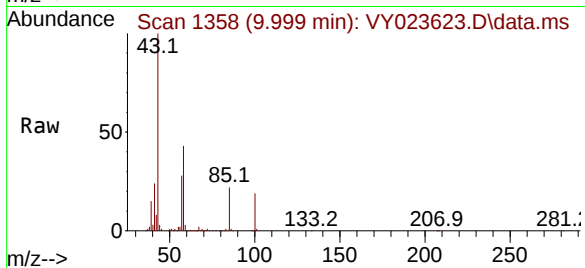
ClientSampleId :

Tgt Ion: 43 Resp: 242036

Ion Ratio Lower Upper

43 100

58 42.3 35.3 52.9



#52

Toluene

Concen: 24.285 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY023623.D

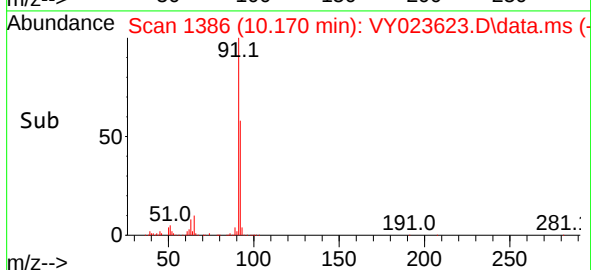
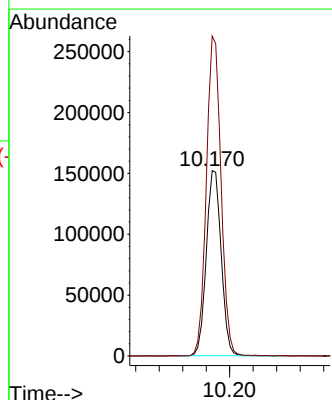
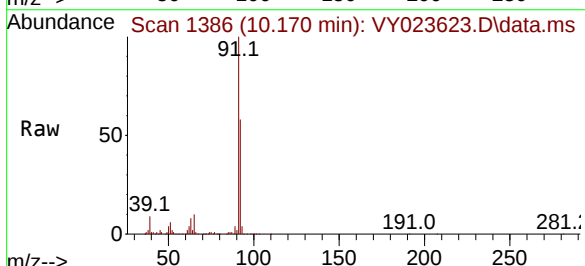
Acq: 30 Oct 2025 11:09

Tgt Ion: 92 Resp: 267175

Ion Ratio Lower Upper

92 100

91 170.6 136.4 204.6

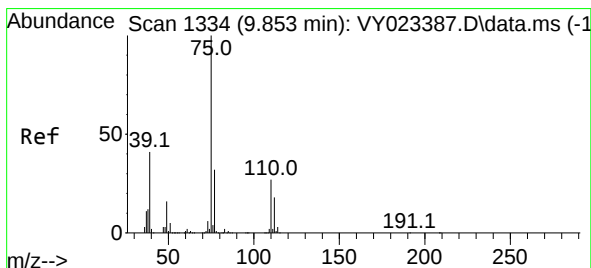
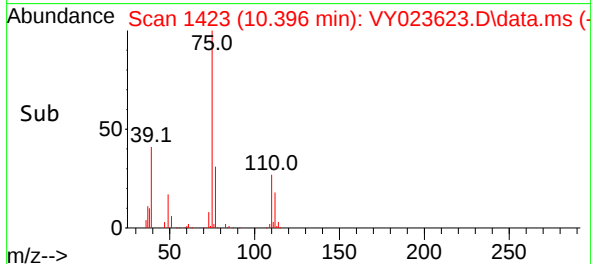
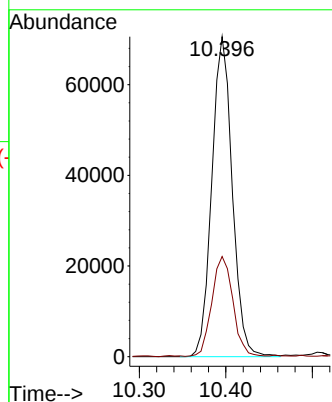
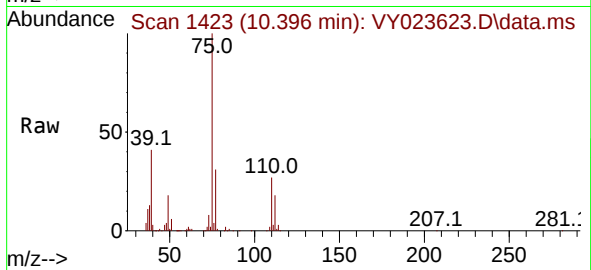




#53
 t-1,3-Dichloropropene
 Concen: 22.344 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY023623.D
 Acq: 30 Oct 2025 11:09

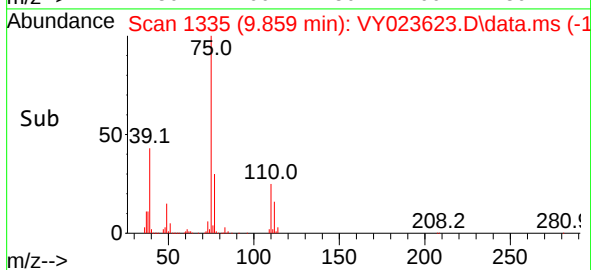
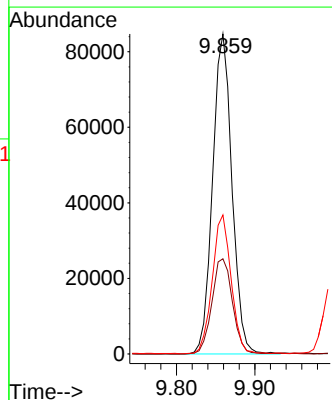
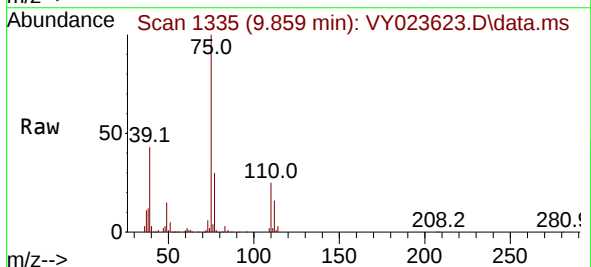
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 115798
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 23.760 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023623.D
 Acq: 30 Oct 2025 11:09

Tgt Ion: 75 Resp: 145329
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.4 38.0
 39 43.4 32.8 49.2

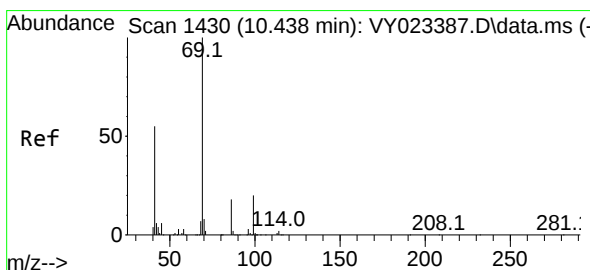
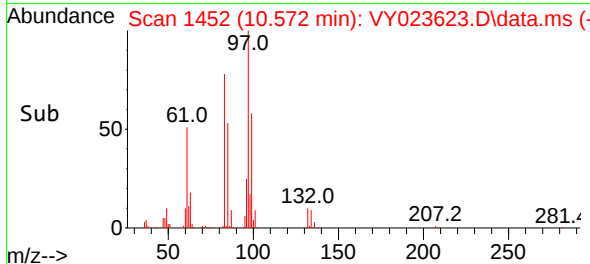
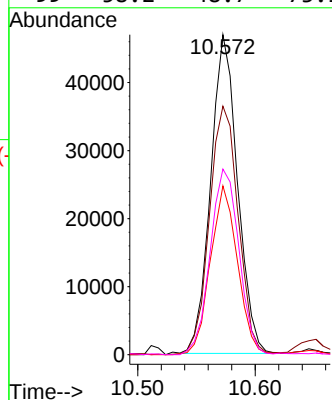
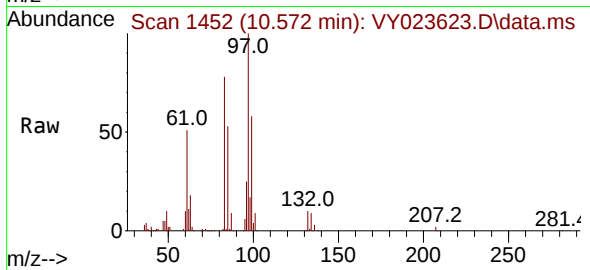




#55
 1,1,2-Trichloroethane
 Concen: 23.429 ug/l
 RT: 10.572 min Scan# 1452
 Delta R.T. -0.000 min
 Lab File: VY023623.D
 Acq: 30 Oct 2025 11:09

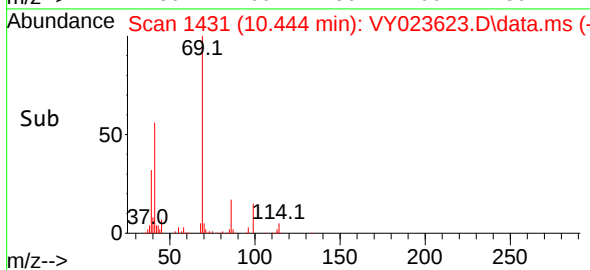
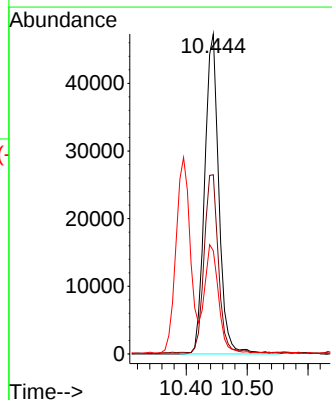
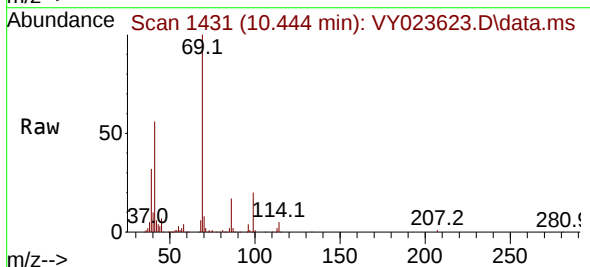
Instrument :
 MSVOA_Y
 ClientSampleId :

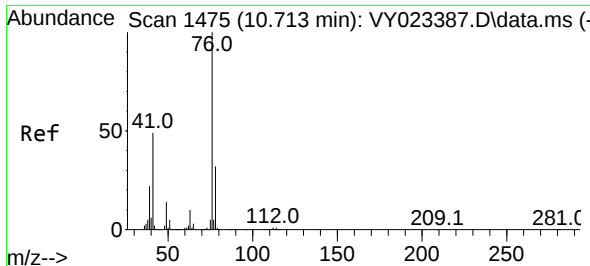
Tgt Ion: 97	Resp: 74561
Ion Ratio	Lower Upper
97 100	
83 77.7	61.8 92.6
85 52.7	41.3 61.9
99 58.2	48.7 73.1



#56
 Ethyl methacrylate
 Concen: 20.886 ug/l
 RT: 10.444 min Scan# 1431
 Delta R.T. 0.006 min
 Lab File: VY023623.D
 Acq: 30 Oct 2025 11:09

Tgt Ion: 69	Resp: 76671
Ion Ratio	Lower Upper
69 100	
41 56.1	44.6 67.0
39 33.1	27.0 40.4





#57

1,3-Dichloropropane

Concen: 23.388 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

Instrument :

MSVOA_Y

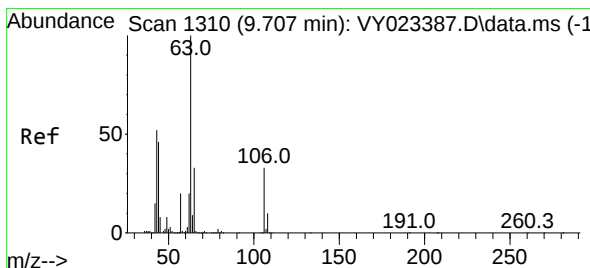
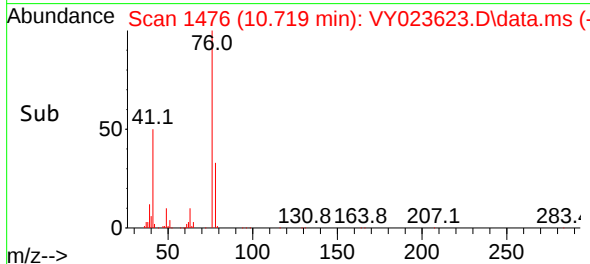
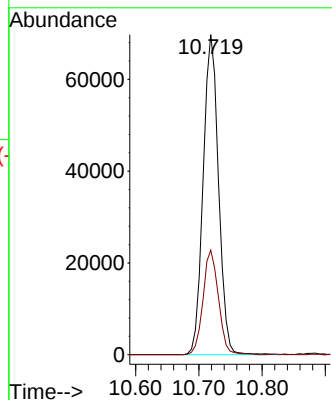
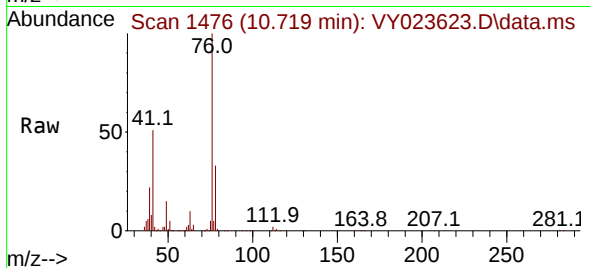
ClientSampleId :

Tgt Ion: 76 Resp: 117943

Ion Ratio Lower Upper

76 100

78 32.8 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 101.793 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023623.D

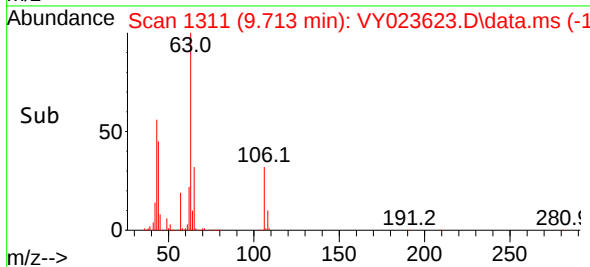
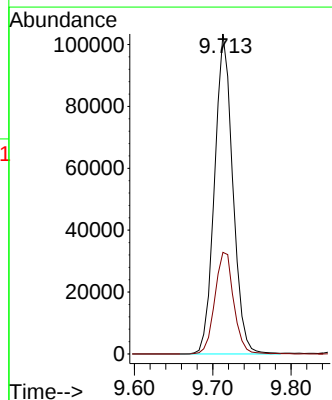
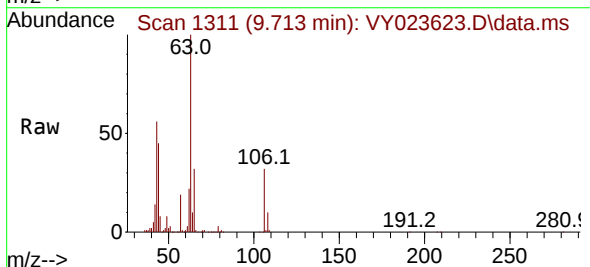
Acq: 30 Oct 2025 11:09

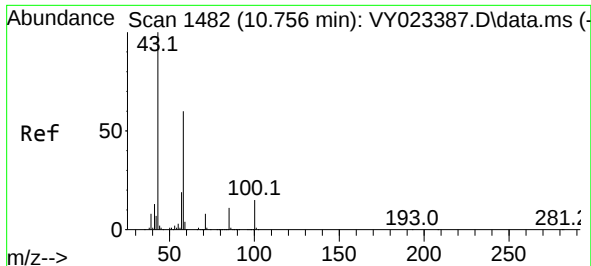
Tgt Ion: 63 Resp: 167399

Ion Ratio Lower Upper

63 100

106 32.9 26.6 39.8





#59

2-Hexanone

Concen: 122.467 ug/l

RT: 10.761 min Scan# 1482

Delta R.T. 0.006 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

Instrument :

MSVOA_Y

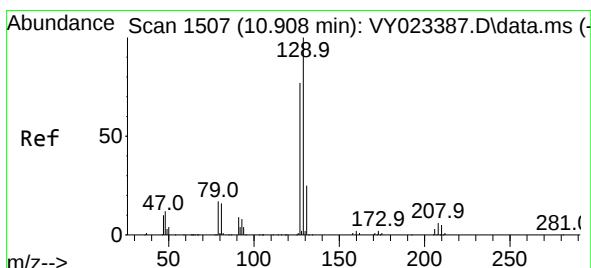
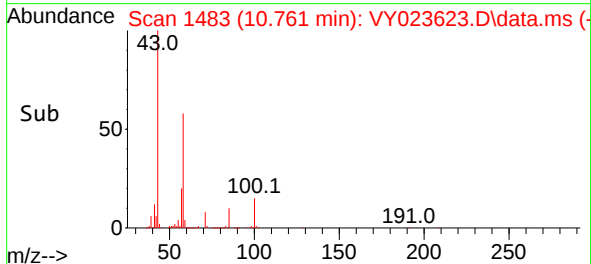
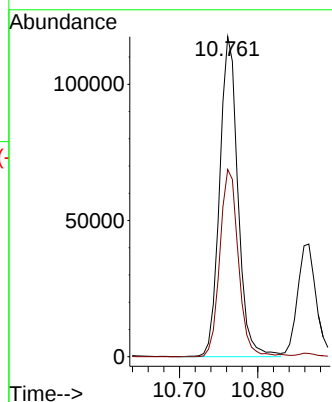
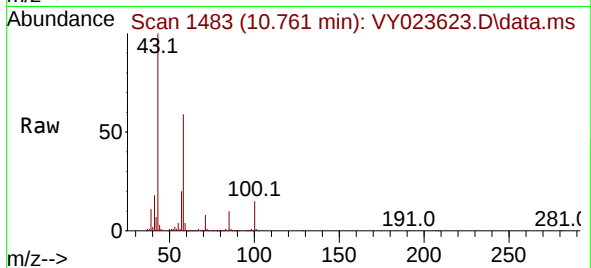
ClientSampleId :

Tgt Ion: 43 Resp: 191127

Ion Ratio Lower Upper

43 100

58 59.1 30.5 91.5



#60

Dibromochloromethane

Concen: 23.005 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VY023623.D

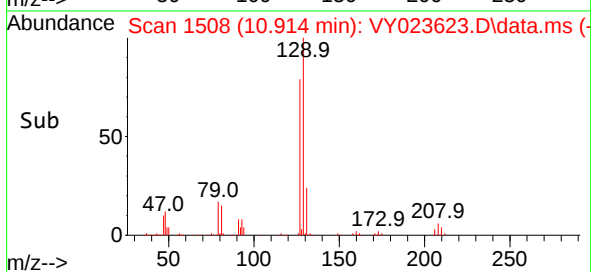
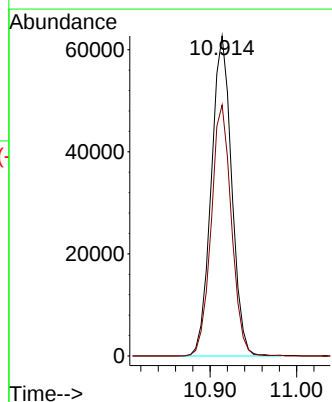
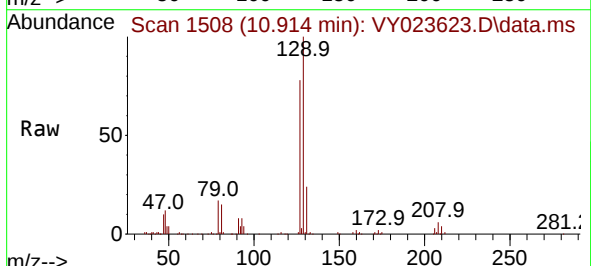
Acq: 30 Oct 2025 11:09

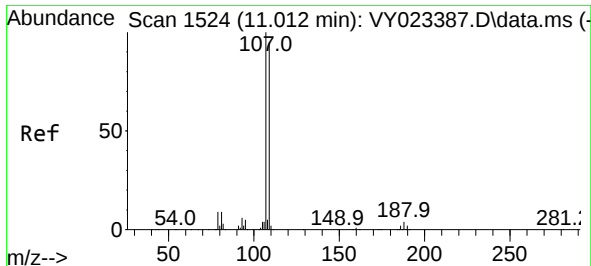
Tgt Ion: 129 Resp: 102644

Ion Ratio Lower Upper

129 100

127 77.4 38.6 115.7

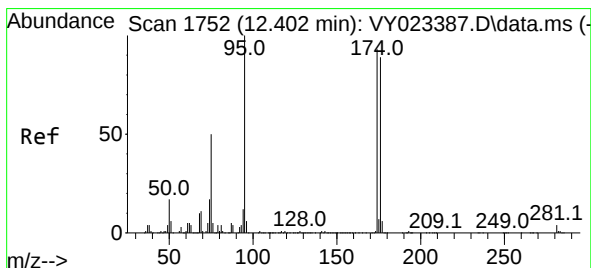
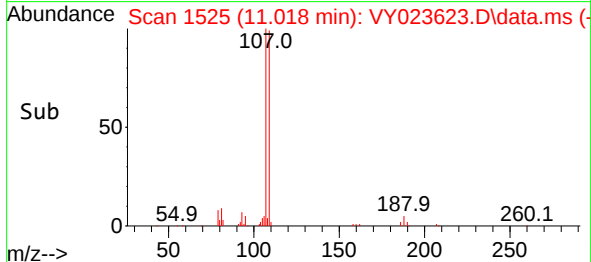
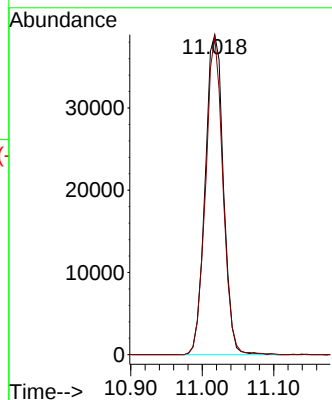
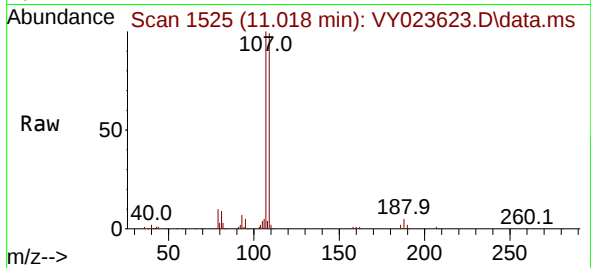




#61
1,2-Dibromoethane
Concen: 22.618 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

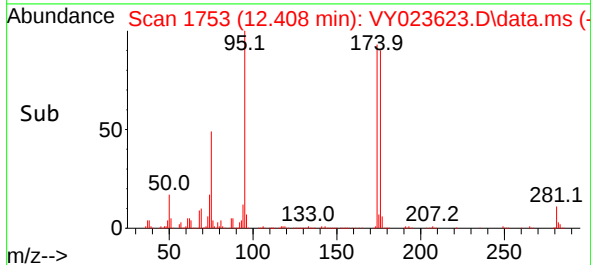
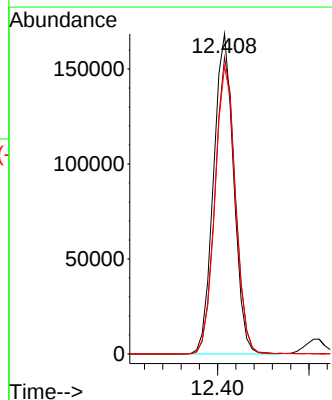
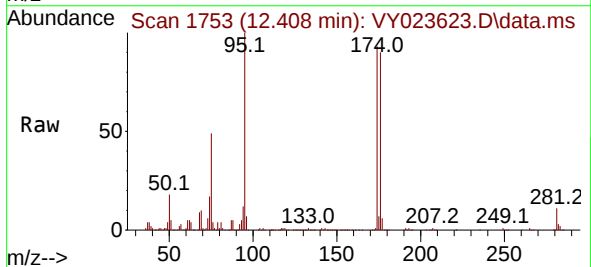
Instrument :
MSVOA_Y
ClientSampleId :

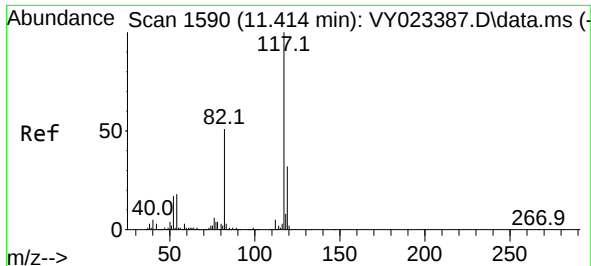
Tgt Ion:107 Resp: 68649
Ion Ratio Lower Upper
107 100
109 94.8 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 51.909 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

Tgt Ion: 95 Resp: 257937
Ion Ratio Lower Upper
95 100
174 93.5 0.0 192.8
176 91.2 0.0 187.6

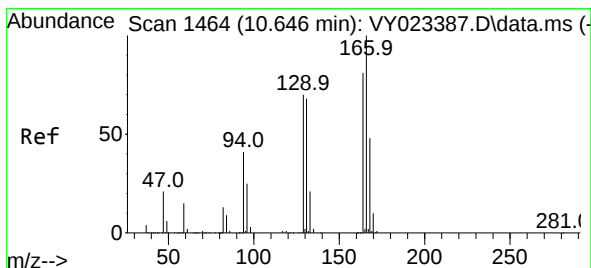
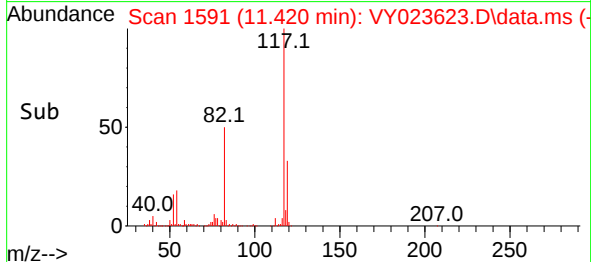
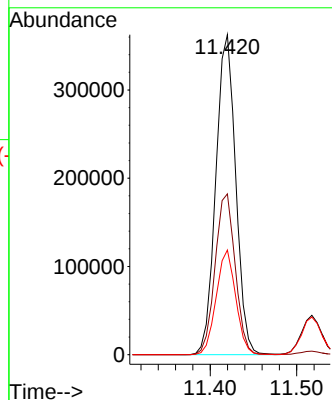
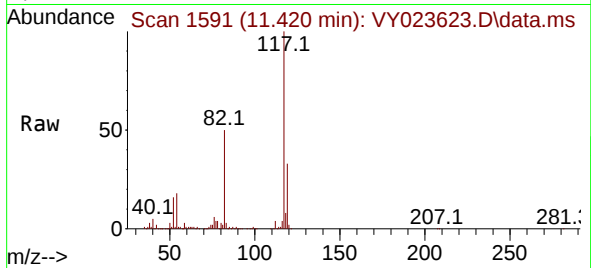




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

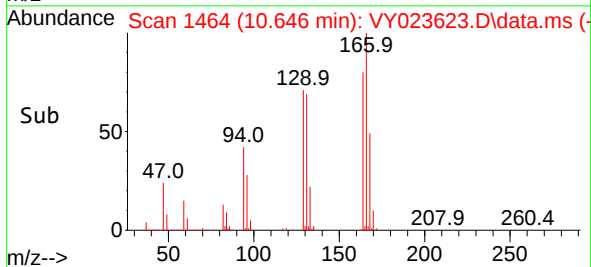
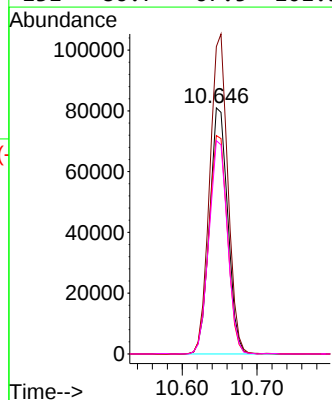
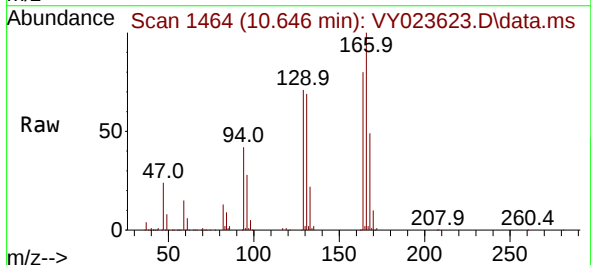
Instrument :
MSVOA_Y
ClientSampleId :

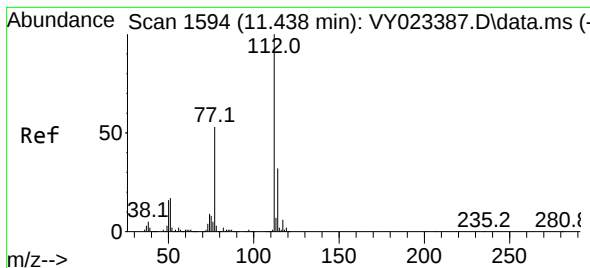
Tgt Ion:117 Resp: 578799
Ion Ratio Lower Upper
117 100
82 50.3 41.0 61.4
119 32.7 25.6 38.4



#64
Tetrachloroethene
Concen: 22.987 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

Tgt Ion:164 Resp: 137380
Ion Ratio Lower Upper
164 100
166 124.9 99.4 149.0
129 88.7 69.4 104.2
131 86.7 67.5 101.3





#65

Chlorobenzene

Concen: 23.438 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

Instrument :

MSVOA_Y

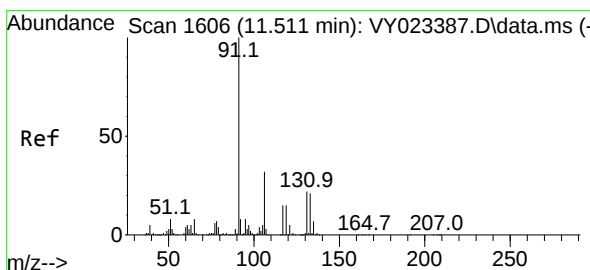
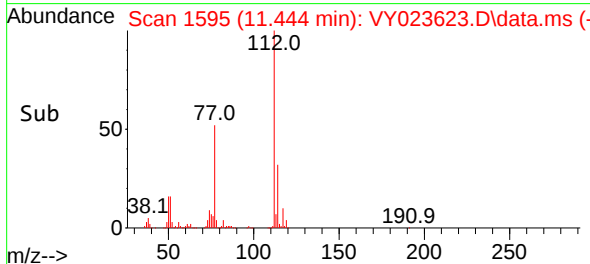
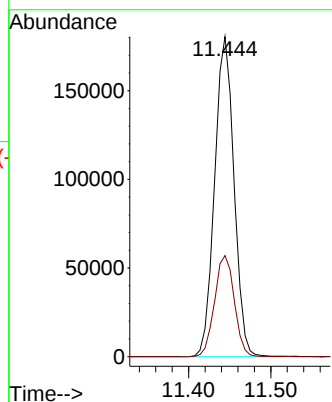
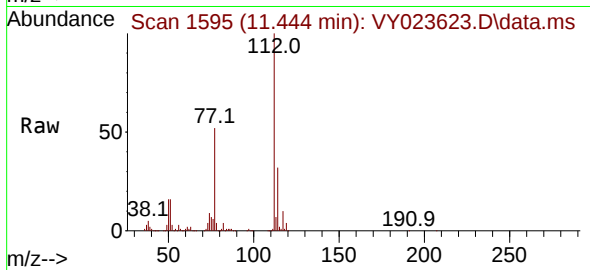
ClientSampleId :

Tgt Ion:112 Resp: 295053

Ion Ratio Lower Upper

112 100

114 31.6 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 23.813 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

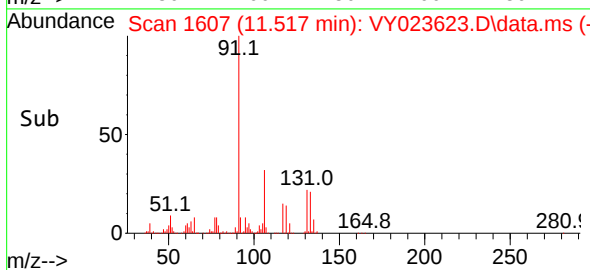
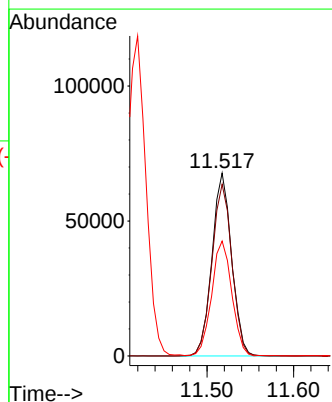
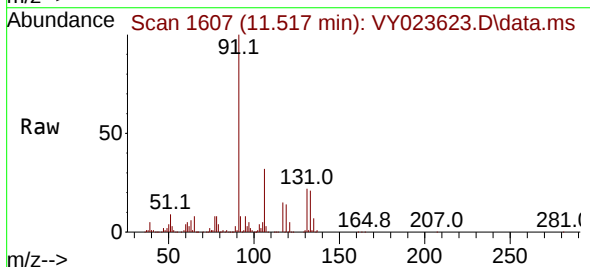
Tgt Ion:131 Resp: 106823

Ion Ratio Lower Upper

131 100

133 95.7 48.4 145.2

119 64.8 32.4 97.2





#67

Ethyl Benzene

Concen: 23.567 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

Instrument :

MSVOA_Y

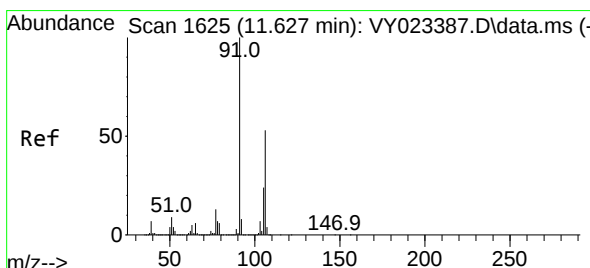
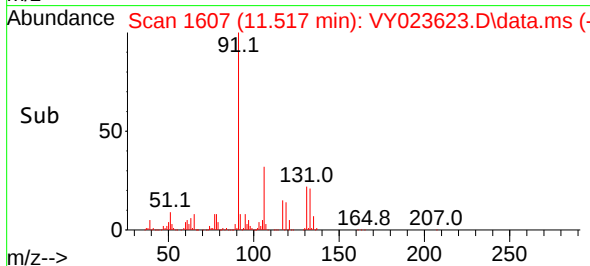
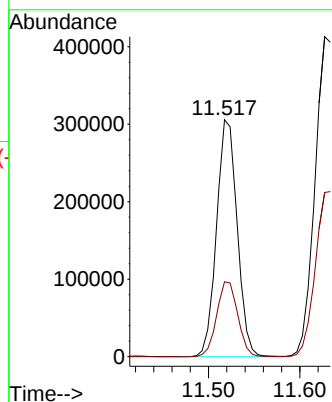
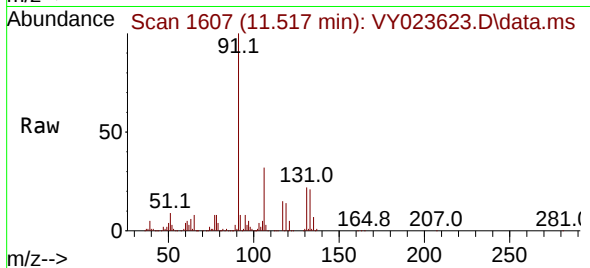
ClientSampleId :

Tgt Ion: 91 Resp: 480232

Ion Ratio Lower Upper

91 100

106 31.6 25.8 38.8



#68

m/p-Xylenes

Concen: 47.806 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY023623.D

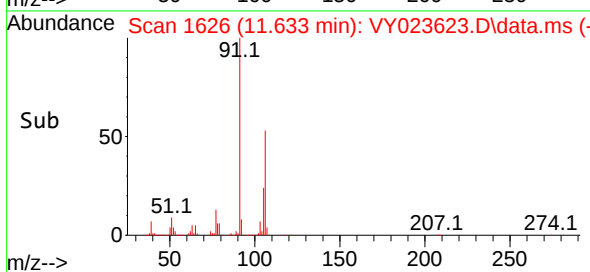
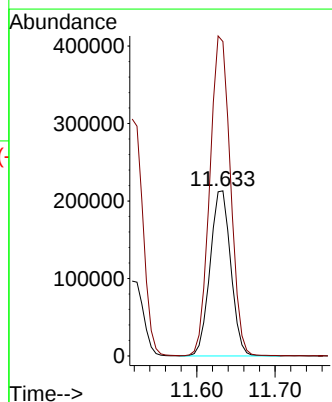
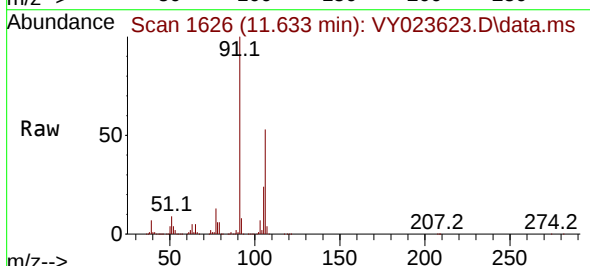
Acq: 30 Oct 2025 11:09

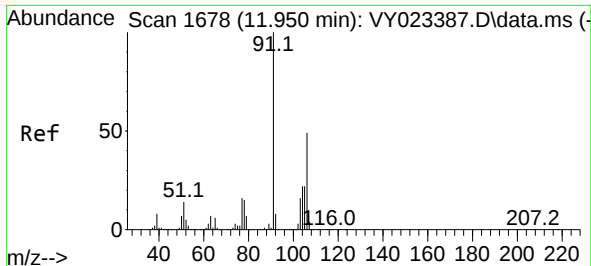
Tgt Ion:106 Resp: 390728

Ion Ratio Lower Upper

106 100

91 193.4 152.6 229.0





#69

o-Xylene

Concen: 23.466 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

Instrument :

MSVOA_Y

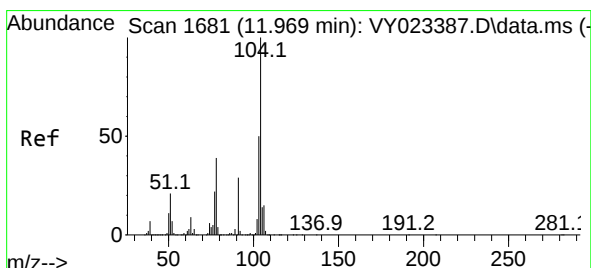
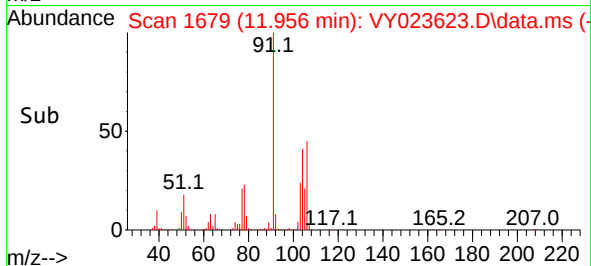
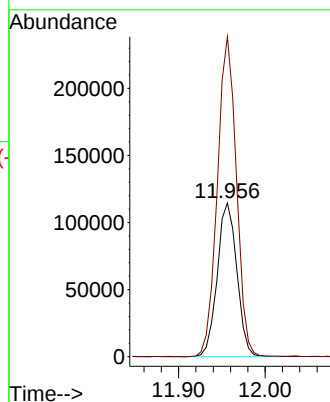
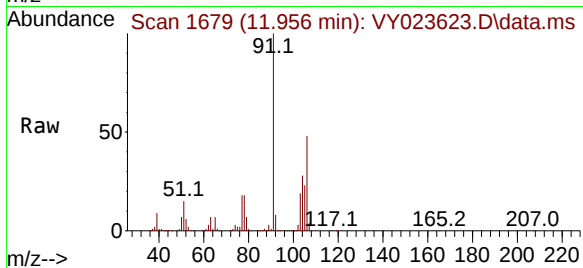
ClientSampleId :

Tgt Ion:106 Resp: 179899

Ion Ratio Lower Upper

106 100

91 202.8 101.4 304.1



#70

Styrene

Concen: 23.327 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

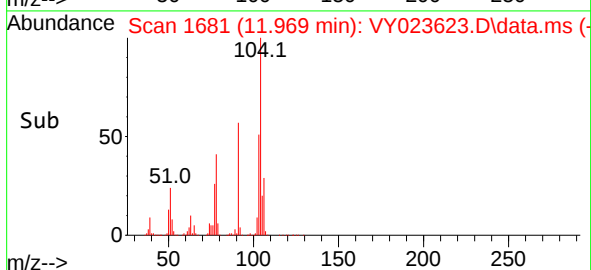
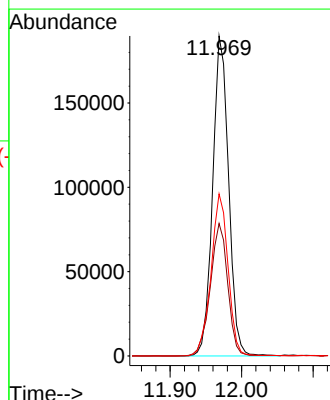
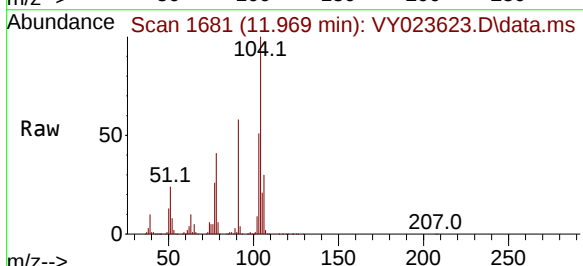
Tgt Ion:104 Resp: 294077

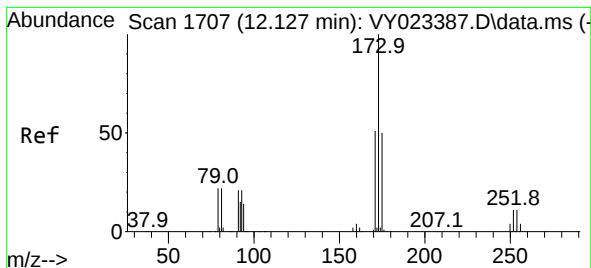
Ion Ratio Lower Upper

104 100

78 45.3 36.1 54.1

103 54.1 43.2 64.8





#71

Bromoform

Concen: 22.164 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

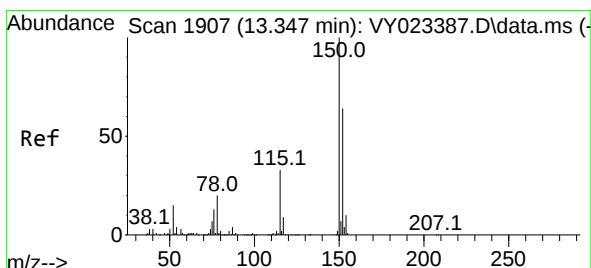
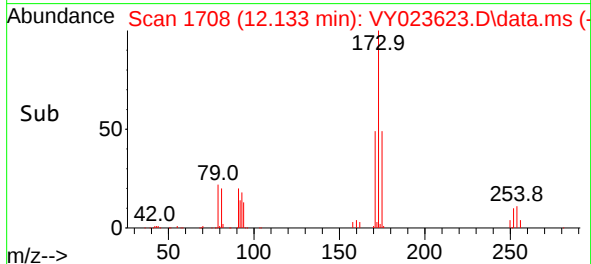
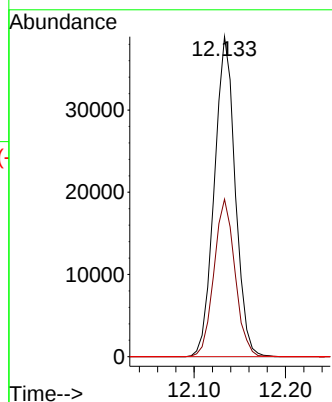
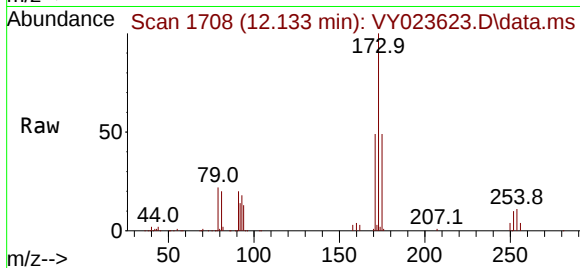
Tgt Ion:173 Resp: 61674

Ion Ratio Lower Upper

173 100

175 49.6 24.8 74.3

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

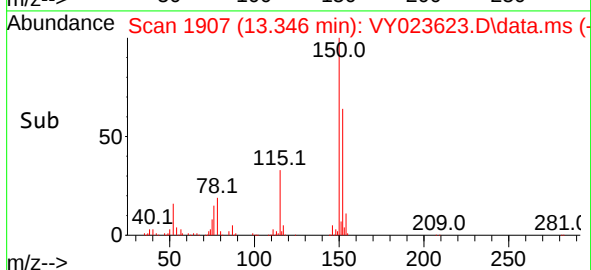
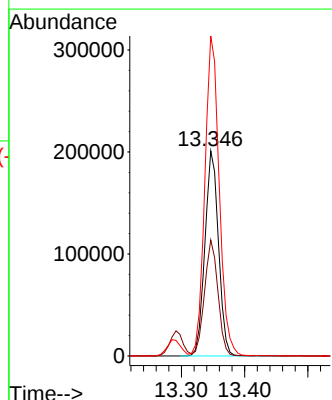
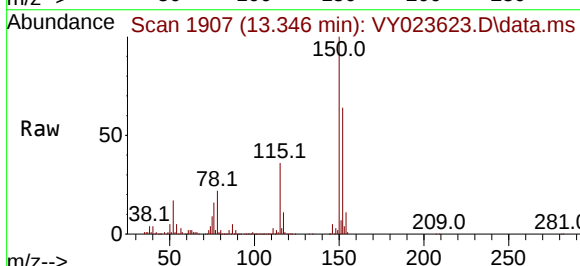
Tgt Ion:152 Resp: 300735

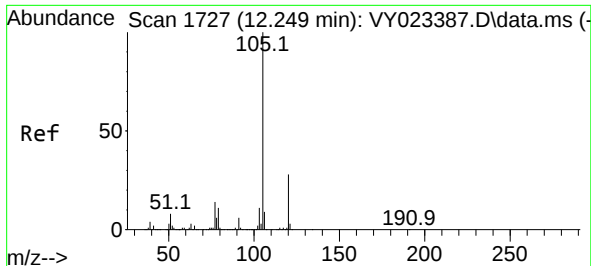
Ion Ratio Lower Upper

152 100

115 55.7 27.1 81.2

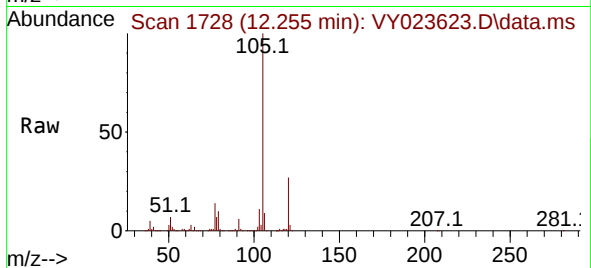
150 165.0 0.0 347.4



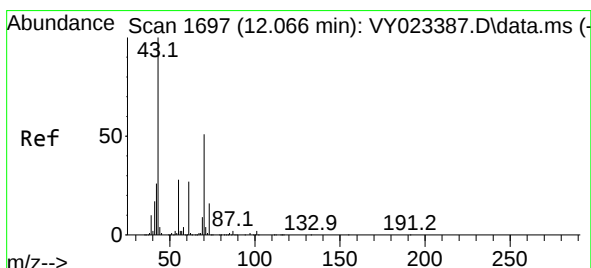
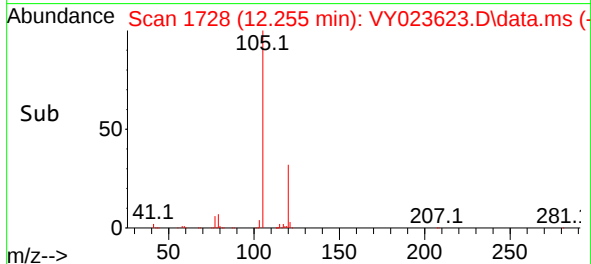
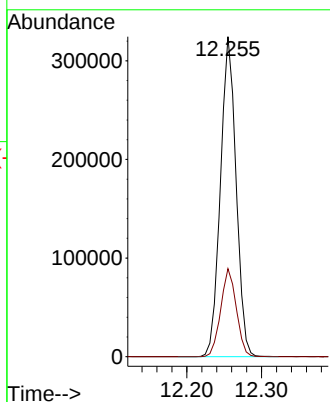


#73
Isopropylbenzene
Concen: 23.914 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

Instrument :
MSVOA_Y
ClientSampleId :

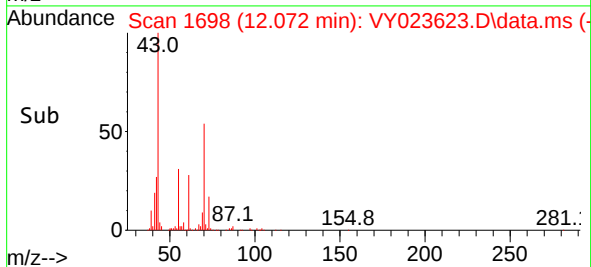
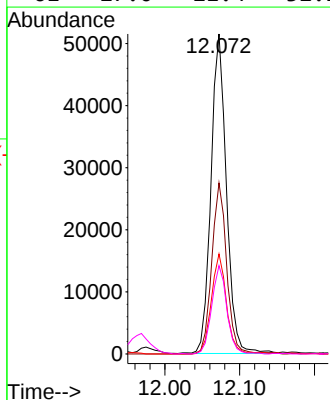
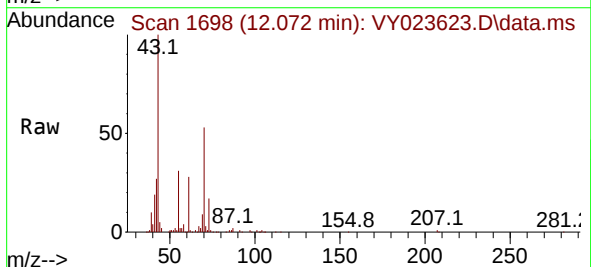


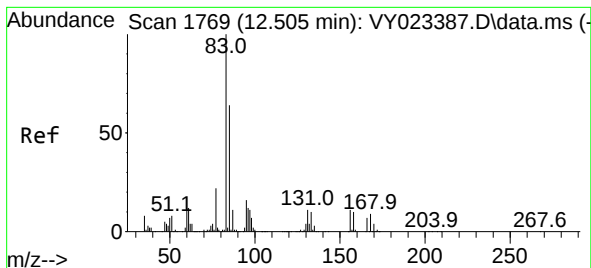
Tgt Ion:105 Resp: 473954
Ion Ratio Lower Upper
105 100
120 27.3 13.9 41.7



#74
N-ethyl acetate
Concen: 20.817 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

Tgt Ion: 43 Resp: 74104
Ion Ratio Lower Upper
43 100
70 52.0 41.1 61.7
55 30.8 23.0 34.6
61 27.0 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 22.520 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

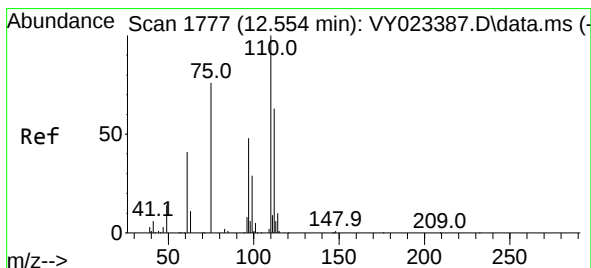
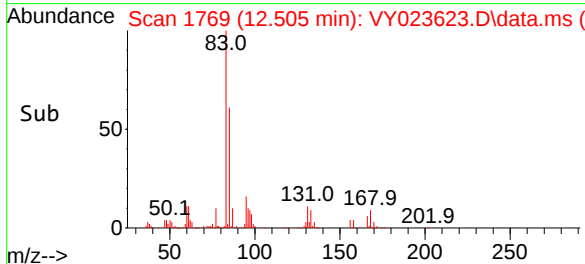
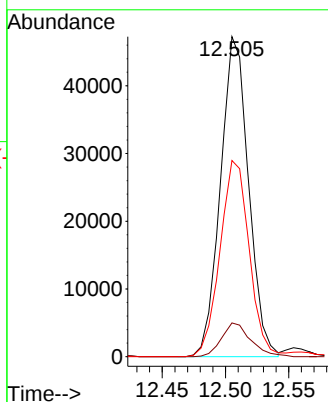
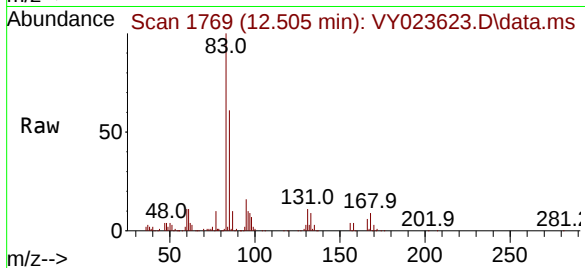
Tgt Ion: 83 Resp: 72998

Ion Ratio Lower Upper

83 100

131 11.0 5.9 17.6

85 63.8 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 37.522 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY023623.D

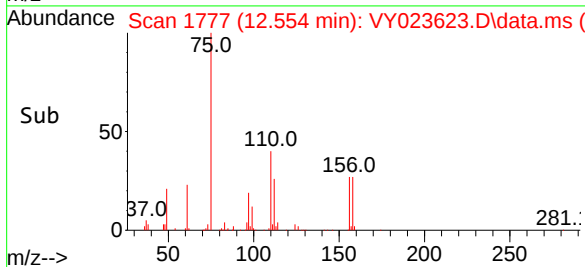
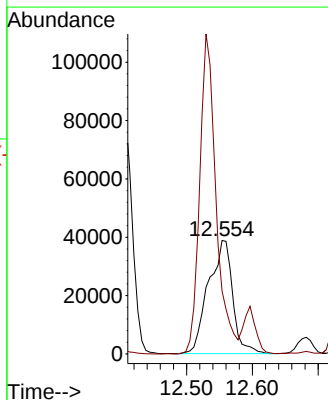
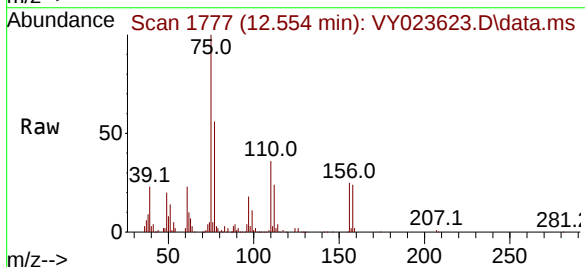
Acq: 30 Oct 2025 11:09

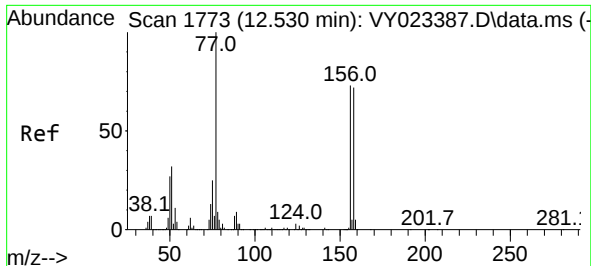
Tgt Ion: 75 Resp: 99557

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

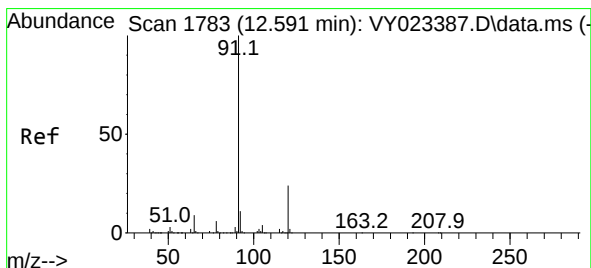
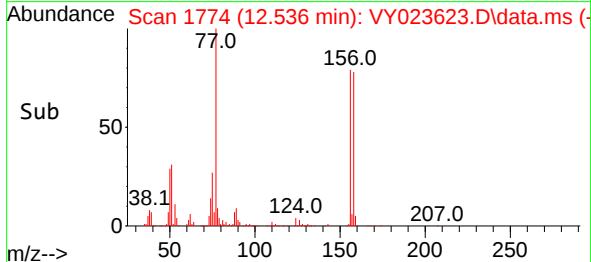
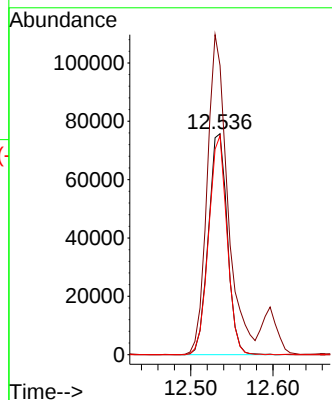
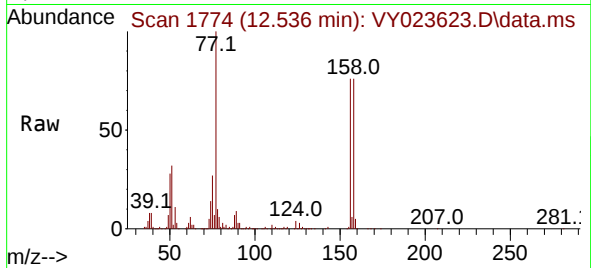




#77
Bromobenzene
Concen: 22.987 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

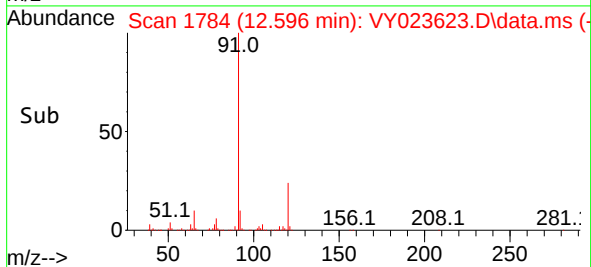
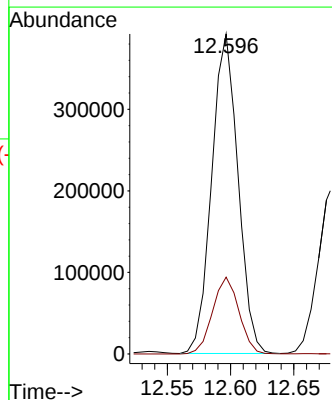
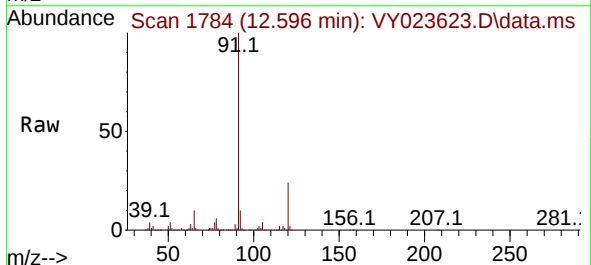
Instrument :
MSVOA_Y
ClientSampleId :

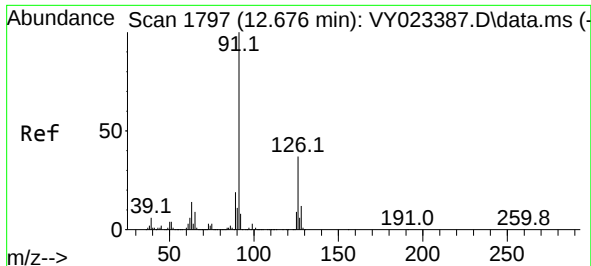
Tgt Ion:156 Resp: 121115
Ion Ratio Lower Upper
156 100
77 157.1 76.8 230.5
158 96.5 49.0 147.2



#78
n-propylbenzene
Concen: 24.690 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

Tgt Ion: 91 Resp: 566243
Ion Ratio Lower Upper
91 100
120 24.1 12.3 36.8

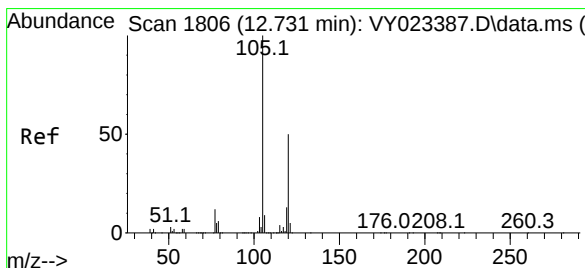
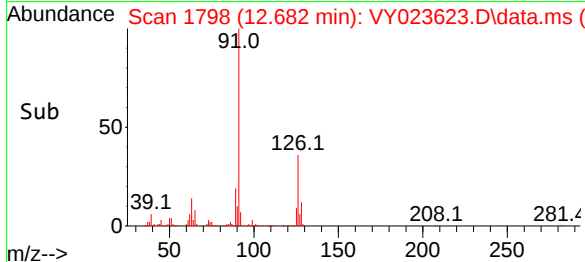
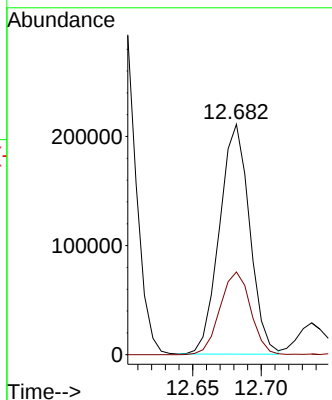
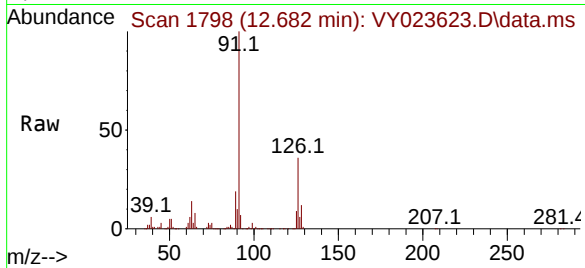




#79
2-Chlorotoluene
Concen: 24.045 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

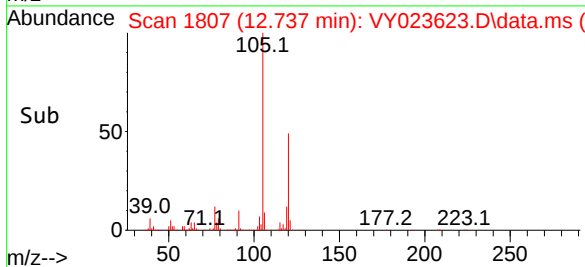
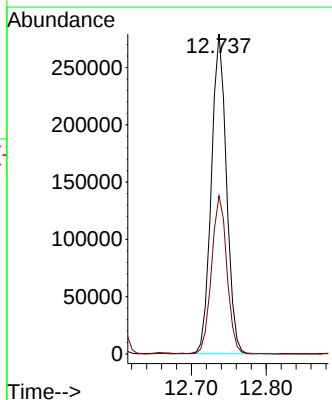
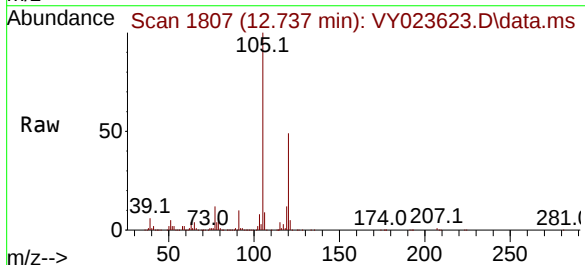
Instrument :
MSVOA_Y
ClientSampleId :

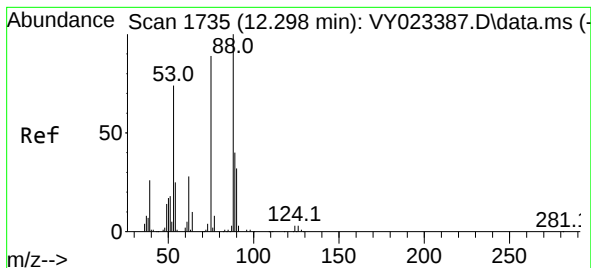
Tgt Ion: 91 Resp: 322930
Ion Ratio Lower Upper
91 100
126 36.5 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 24.543 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

Tgt Ion: 105 Resp: 393061
Ion Ratio Lower Upper
105 100
120 50.0 25.4 76.4

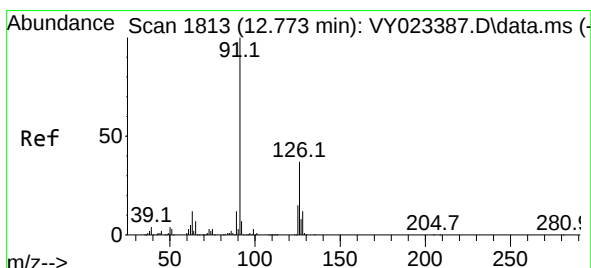
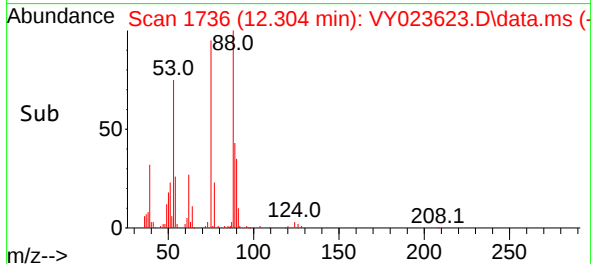
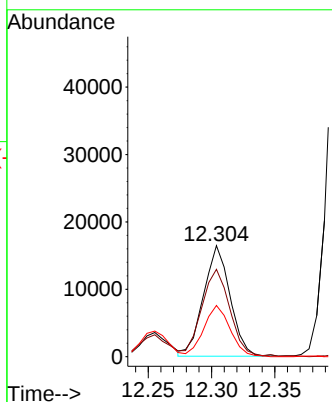
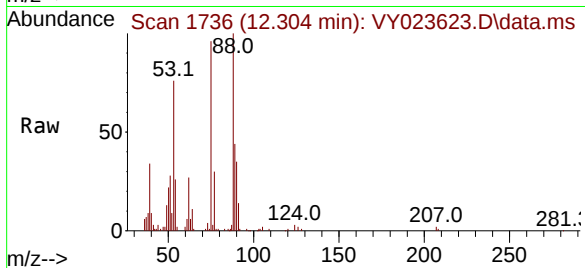




#81
trans-1,4-Dichloro-2-butene
Concen: 22.223 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

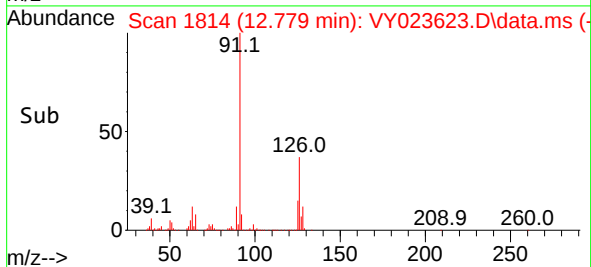
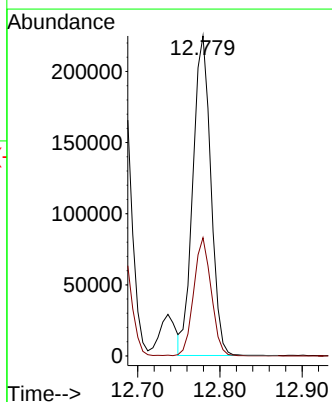
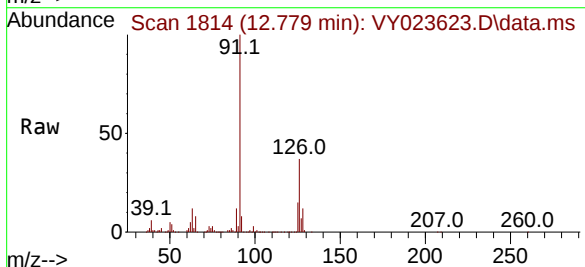
Instrument :
MSVOA_Y
ClientSampleId :

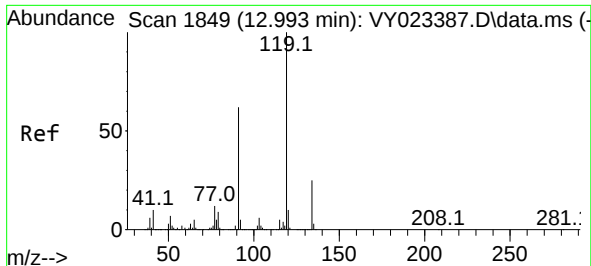
Tgt Ion: 75 Resp: 24045
Ion Ratio Lower Upper
75 100
53 84.7 68.6 102.8
89 45.6 39.0 58.4



#82
4-Chlorotoluene
Concen: 24.508 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

Tgt Ion: 91 Resp: 338983
Ion Ratio Lower Upper
91 100
126 36.2 18.4 55.4

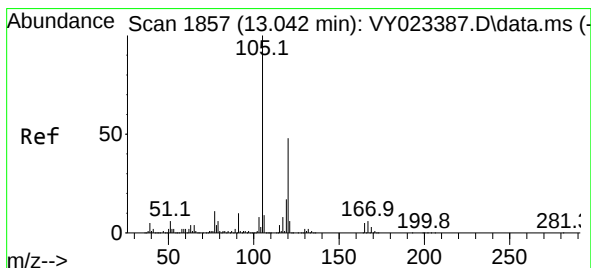
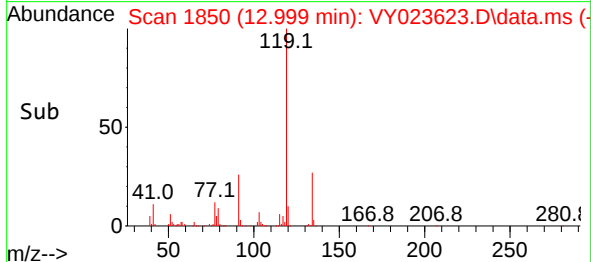
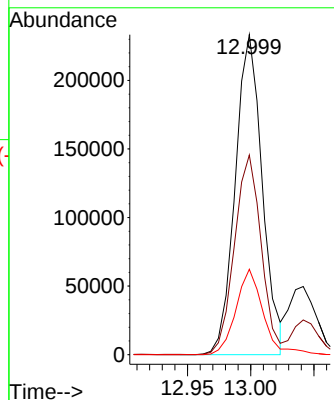
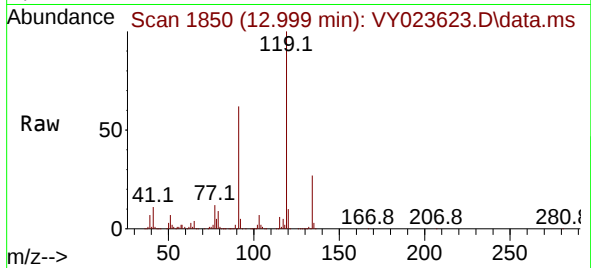




#83
tert-Butylbenzene
Concen: 23.495 ug/l
RT: 12.999 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

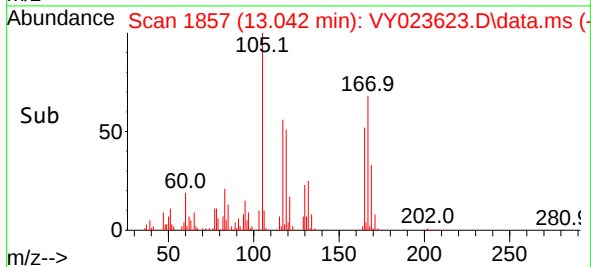
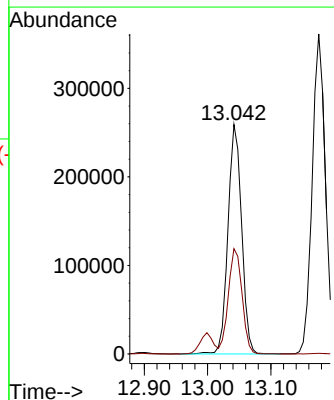
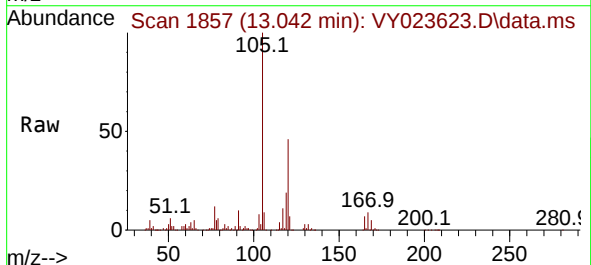
Instrument :
MSVOA_Y
ClientSampleId :

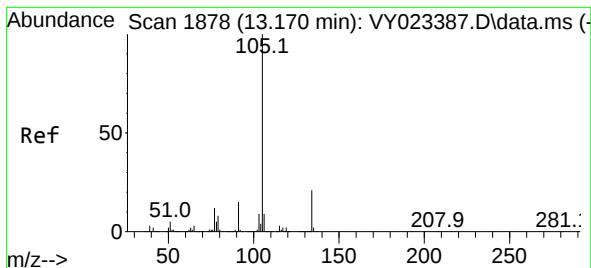
Tgt Ion:119 Resp: 347416
Ion Ratio Lower Upper
119 100
91 61.5 29.9 89.8
134 26.9 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 24.284 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023623.D
Acq: 30 Oct 2025 11:09

Tgt Ion:105 Resp: 388132
Ion Ratio Lower Upper
105 100
120 46.2 23.8 71.2





#85

sec-Butylbenzene

Concen: 24.530 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

Instrument :

MSVOA_Y

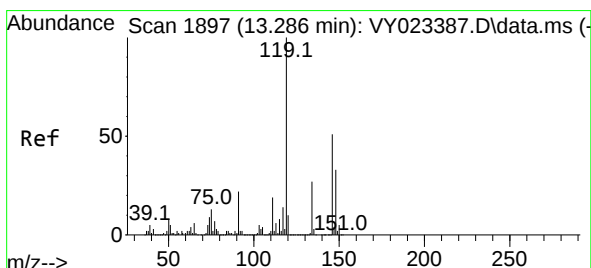
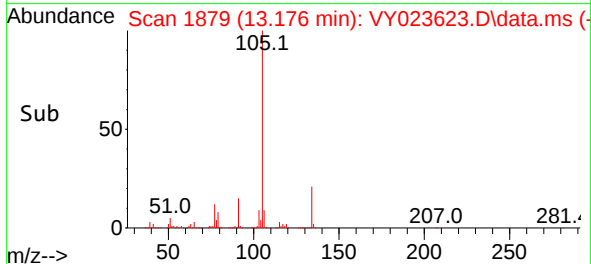
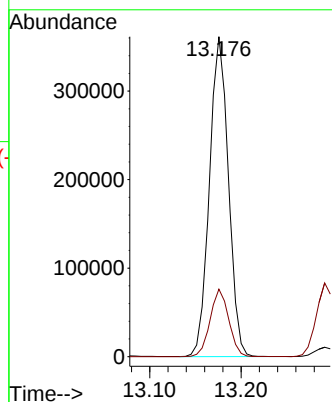
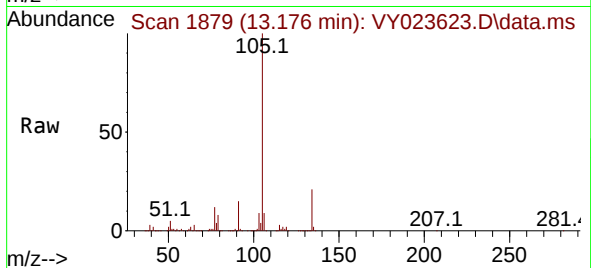
ClientSampleId :

Tgt Ion:105 Resp: 520320

Ion Ratio Lower Upper

105 100

134 20.8 10.7 32.1



#86

p-Isopropyltoluene

Concen: 24.193 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

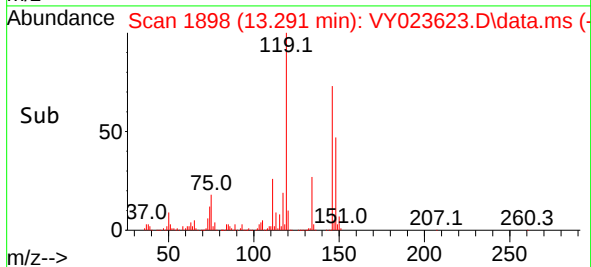
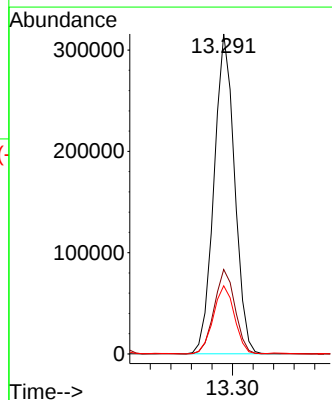
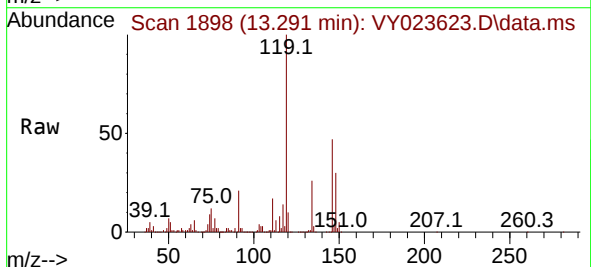
Tgt Ion:119 Resp: 436929

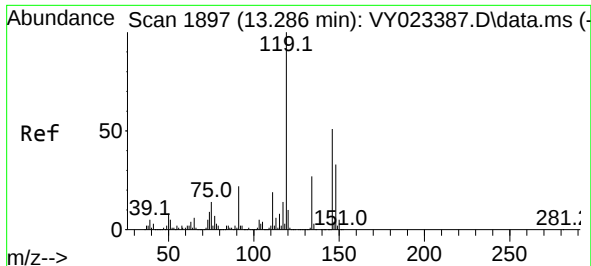
Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.7

91 21.9 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 23.483 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

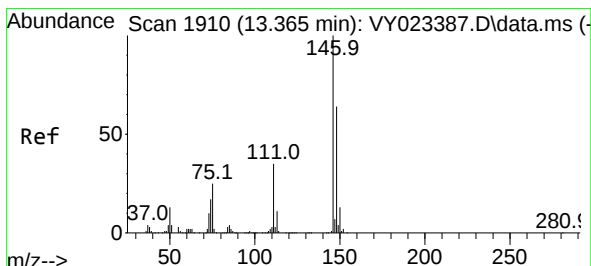
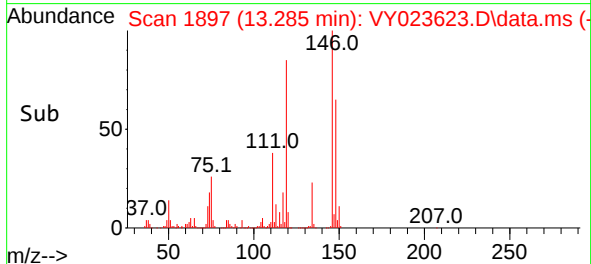
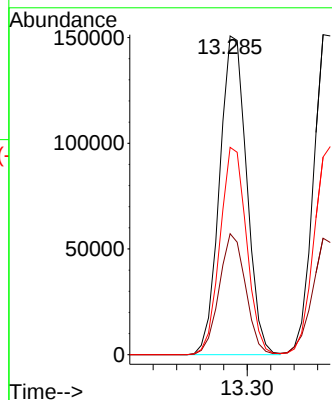
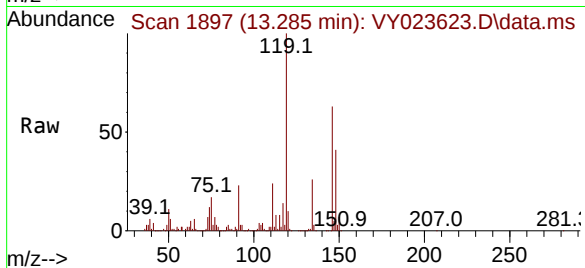
Tgt Ion:146 Resp: 240935

Ion Ratio Lower Upper

146 100

111 37.0 18.7 56.1

148 63.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 23.549 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

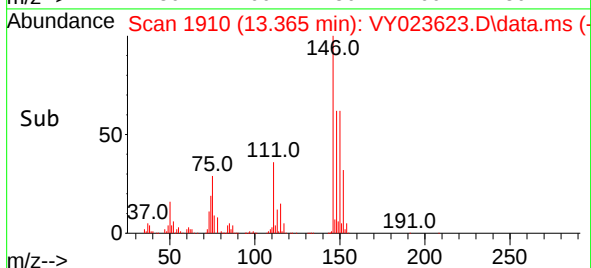
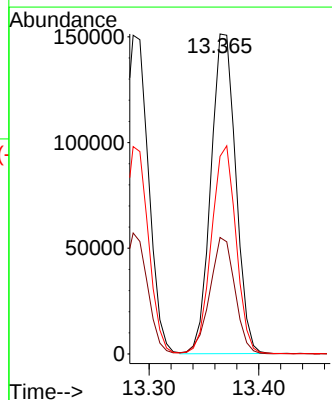
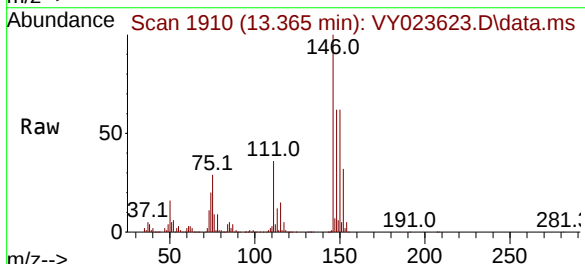
Tgt Ion:146 Resp: 238627

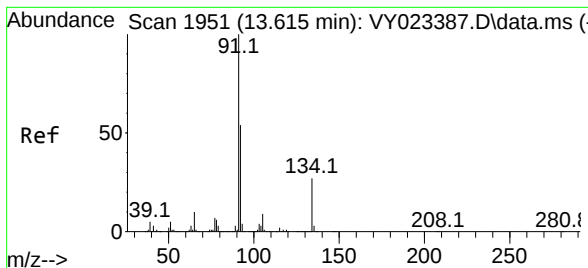
Ion Ratio Lower Upper

146 100

111 36.8 18.0 54.0

148 64.4 31.9 95.7





#89

n-Butylbenzene

Concen: 24.348 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

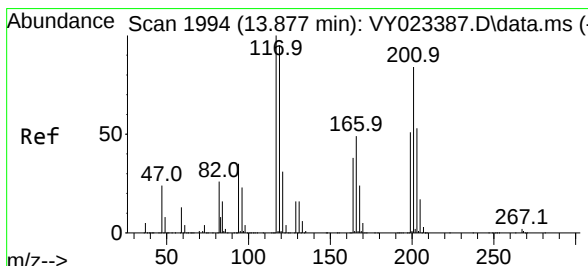
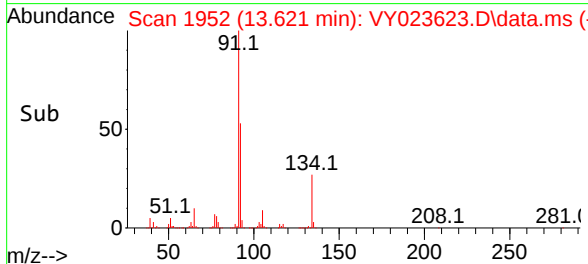
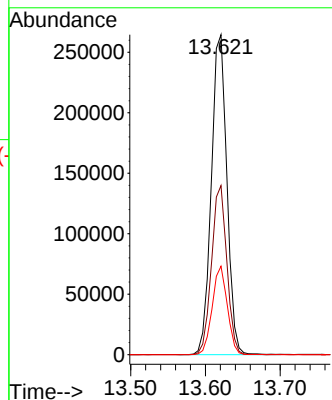
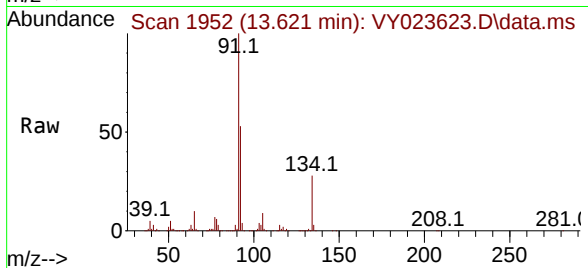
Tgt Ion: 91 Resp: 383151

Ion Ratio Lower Upper

91 100

92 52.1 27.0 80.8

134 26.8 14.1 42.2



#90

Hexachloroethane

Concen: 23.671 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY023623.D

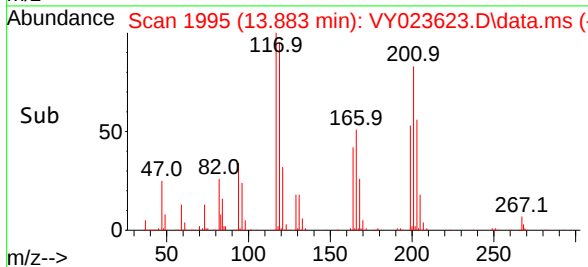
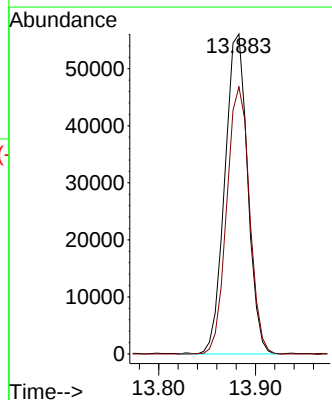
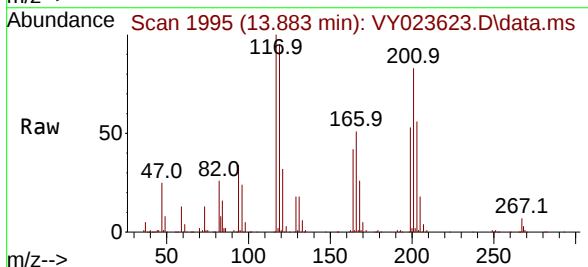
Acq: 30 Oct 2025 11:09

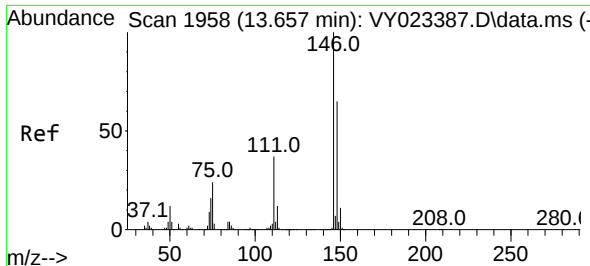
Tgt Ion: 117 Resp: 91946

Ion Ratio Lower Upper

117 100

201 83.3 43.8 131.4

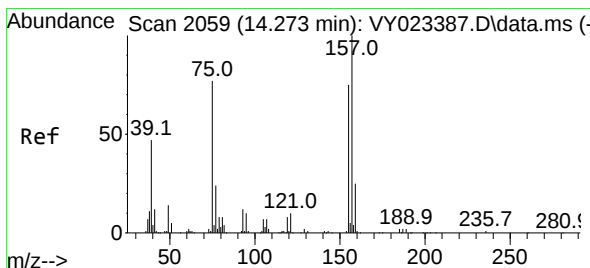
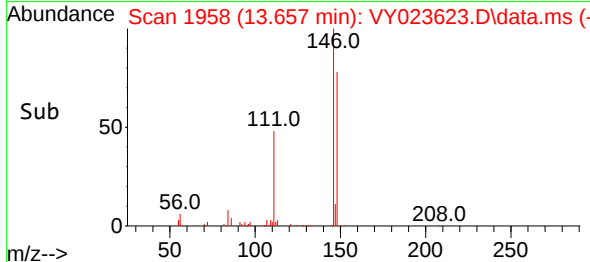
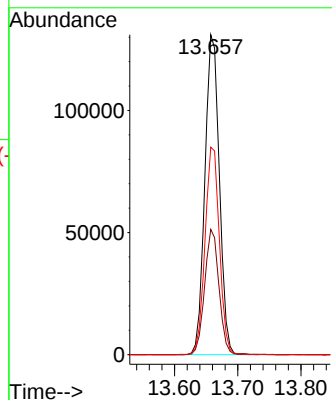
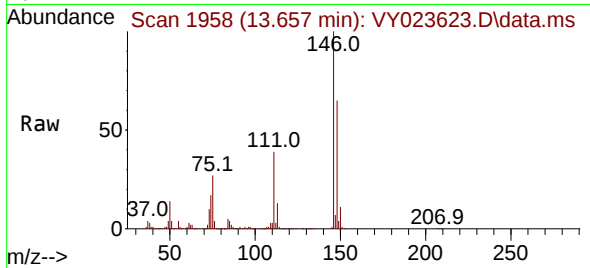




#91
 1,2-Dichlorobenzene
 Concen: 23.237 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023623.D
 Acq: 30 Oct 2025 11:09

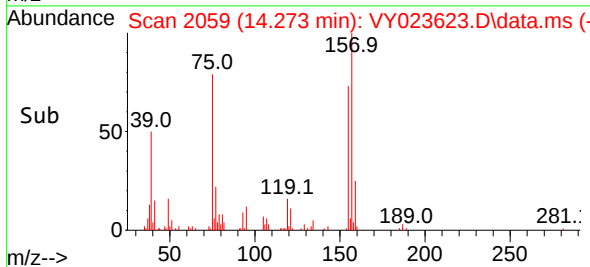
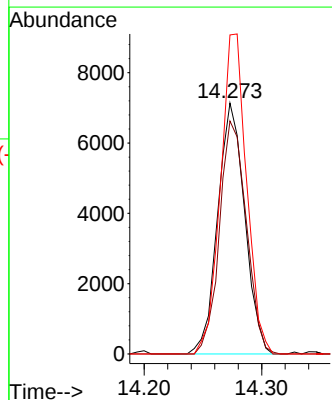
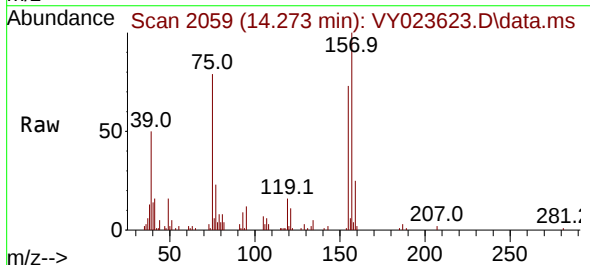
Instrument :
 MSVOA_Y
 ClientSampleId :

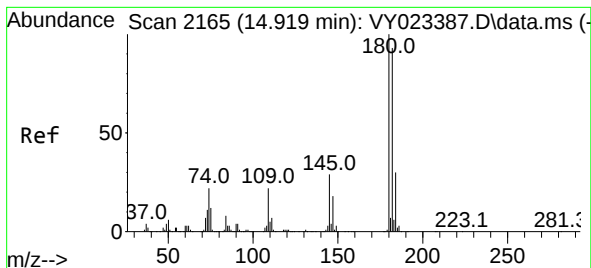
Tgt Ion:146 Resp: 209027
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.0 57.0
 148 64.4 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.415 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023623.D
 Acq: 30 Oct 2025 11:09

Tgt Ion: 75 Resp: 11390
 Ion Ratio Lower Upper
 75 100
 155 92.2 50.0 150.0
 157 123.2 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 21.707 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

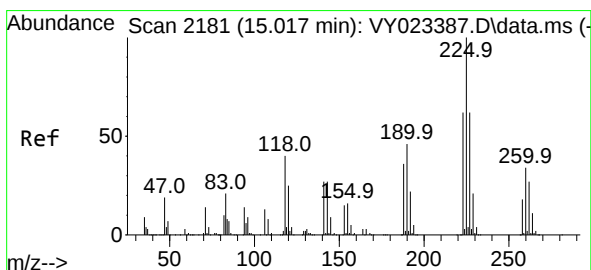
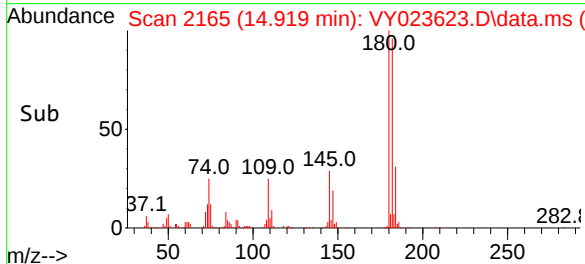
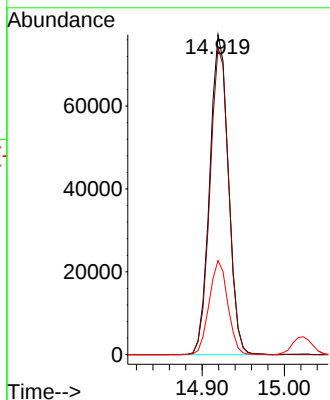
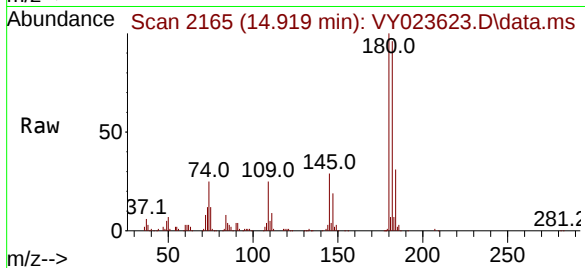
Tgt Ion:180 Resp: 121730

Ion Ratio Lower Upper

180 100

182 96.2 47.9 143.6

145 29.3 14.7 44.1



#94

Hexachlorobutadiene

Concen: 24.212 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

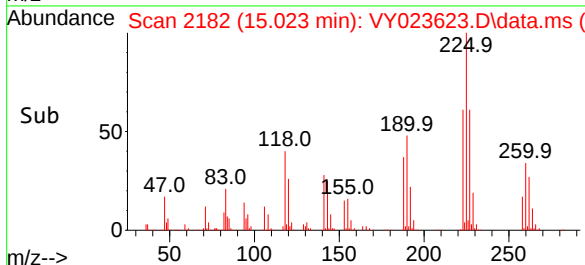
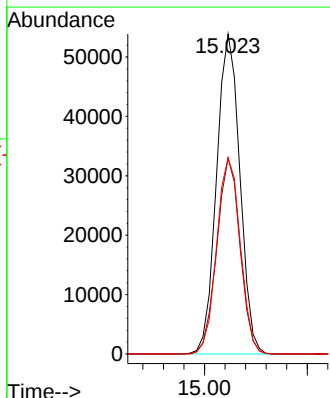
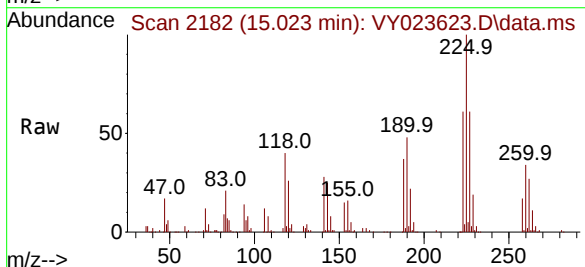
Tgt Ion:225 Resp: 84638

Ion Ratio Lower Upper

225 100

223 60.9 30.8 92.3

227 62.2 31.9 95.7





#95

Naphthalene

Concen: 19.470 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

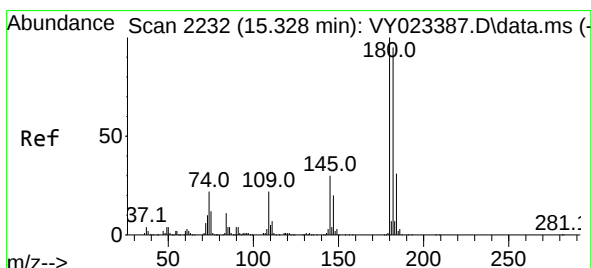
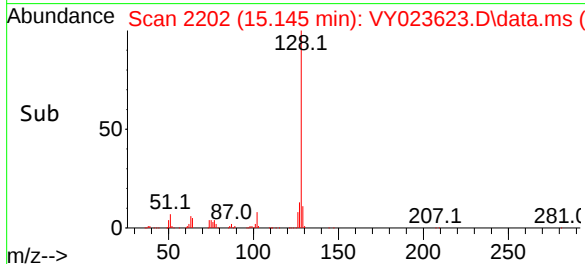
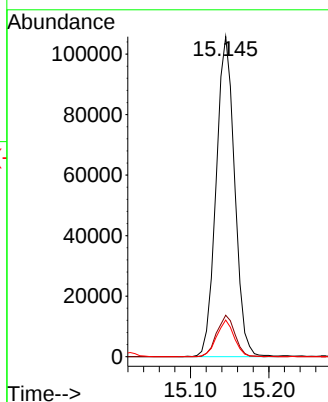
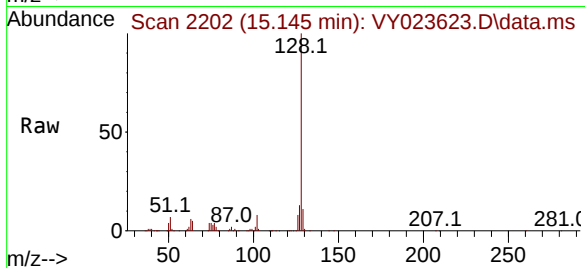
Tgt Ion:128 Resp: 173867

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 21.479 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023623.D

Acq: 30 Oct 2025 11:09

Tgt Ion:180 Resp: 104331

Ion Ratio Lower Upper

180 100

182 94.0 47.9 143.8

145 30.8 15.3 45.9

