

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050525\
 Data File : VY022168.D
 Acq On : 05 May 2025 18:37
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 06 05:23:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	217147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	341688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	323650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	178080	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	104649	52.175	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.340%	
35) Dibromofluoromethane	7.634	113	114082	50.537	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.080%	
50) Toluene-d8	10.109	98	441178	51.841	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.680%	
62) 4-Bromofluorobenzene	12.407	95	152772	53.325	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.660%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.860	85	74598	40.317	ug/l	99
3) Chloromethane	2.068	50	128364	48.722	ug/l	99
4) Vinyl Chloride	2.202	62	158960	49.098	ug/l	100
5) Bromomethane	2.592	94	126547	45.368	ug/l	100
6) Chloroethane	2.732	64	108101	49.026	ug/l	100
7) Trichlorofluoromethane	3.055	101	190751	44.680	ug/l	98
8) Diethyl Ether	3.458	74	52164	46.944	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.811	101	104019	44.914	ug/l	99
10) Methyl Iodide	4.000	142	127191	47.435	ug/l	99
11) Tert butyl alcohol	4.866	59	27130	246.381	ug/l #	70
12) 1,1-Dichloroethene	3.793	96	97310	45.079	ug/l	97
13) Acrolein	3.653	56	18094	91.553	ug/l	97
14) Allyl chloride	4.384	41	122763	48.841	ug/l	98
15) Acrylonitrile	5.055	53	102268	251.398	ug/l	99
16) Acetone	3.872	43	68973	263.906	ug/l	98
17) Carbon Disulfide	4.104	76	301214	43.763	ug/l	100
18) Methyl Acetate	4.384	43	70025	74.739	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	240426	49.762	ug/l	98
20) Methylene Chloride	4.610	84	117503	46.330	ug/l	94
21) trans-1,2-Dichloroethene	5.110	96	113055	46.764	ug/l	96
22) Diisopropyl ether	6.018	45	294758	52.695	ug/l	98
23) Vinyl Acetate	5.963	43	738196	244.875	ug/l	98
24) 1,1-Dichloroethane	5.921	63	190970	49.254	ug/l	98
25) 2-Butanone	6.896	43	117688	257.410	ug/l	96
26) 2,2-Dichloropropane	6.884	77	156677	46.105	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	131177	48.527	ug/l	97
28) Bromochloromethane	7.244	49	80633	53.541	ug/l	95
29) Tetrahydrofuran	7.268	42	80334	270.536	ug/l	99
30) Chloroform	7.420	83	212689	49.454	ug/l	99
31) Cyclohexane	7.701	56	155478	46.892	ug/l	97
32) 1,1,1-Trichloroethane	7.615	97	183913	47.267	ug/l	99
36) 1,1-Dichloropropene	7.835	75	144480	47.648	ug/l	99
37) Ethyl Acetate	6.981	43	52902	48.577	ug/l	98
38) Carbon Tetrachloride	7.817	117	169970	46.910	ug/l	97
39) Methylcyclohexane	9.109	83	178774	46.849	ug/l	95
40) Benzene	8.079	78	460531	48.586	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.262	41	76259	128.096	ug/l #	19
42) 1,2-Dichloroethane	8.158	62	118092	50.320	ug/l	99
43) Isopropyl Acetate	8.201	43	108934	52.086	ug/l	99
44) Trichloroethene	8.865	130	119805	45.632	ug/l	95
45) 1,2-Dichloropropane	9.146	63	106011	50.574	ug/l	100
46) Dibromomethane	9.231	93	65249	49.725	ug/l	97
47) Bromodichloromethane	9.420	83	160617	48.998	ug/l	98
48) Methyl methacrylate	9.219	41	50908	52.655	ug/l	97
49) 1,4-Dioxane	9.225	88	13706	979.999	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	304217	277.484	ug/l	97
52) Toluene	10.170	92	307906	50.183	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	138752	49.348	ug/l	90
54) cis-1,3-Dichloropropene	9.859	75	164239	49.139	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	87906	50.153	ug/l	98
56) Ethyl methacrylate	10.438	69	102496	51.135	ug/l	97
57) 1,3-Dichloropropane	10.719	76	144000	51.247	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	277862	283.528	ug/l	98
59) 2-Hexanone	10.761	43	200512	277.284	ug/l	98
60) Dibromochloromethane	10.914	129	121340	50.002	ug/l	100
61) 1,2-Dibromoethane	11.017	107	83925	50.718	ug/l	97
64) Tetrachloroethene	10.645	164	132633	43.441	ug/l	99
65) Chlorobenzene	11.444	112	340265	47.013	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	121008	47.490	ug/l	98
67) Ethyl Benzene	11.517	91	585337	49.439	ug/l	99
68) m/p-Xylenes	11.627	106	462468	98.163	ug/l	100
69) o-Xylene	11.956	106	212986	49.049	ug/l	97
70) Styrene	11.968	104	370652	50.838	ug/l	99
71) Bromoform	12.133	173	71764	48.443	ug/l #	99
73) Isopropylbenzene	12.255	105	562175	47.251	ug/l	100
74) N-amyl acetate	12.072	43	96972	47.439	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	97229	48.471	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	124991	81.943	ug/l #	100
77) Bromobenzene	12.529	156	139863	46.522	ug/l	97
78) n-propylbenzene	12.596	91	670469	47.320	ug/l	100
79) 2-Chlorotoluene	12.682	91	388305	47.124	ug/l	100
80) 1,3,5-Trimethylbenzene	12.736	105	470455	47.991	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	29121	45.975	ug/l	98
82) 4-Chlorotoluene	12.779	91	409587	47.817	ug/l	99
83) tert-Butylbenzene	12.999	119	418984	47.656	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	468919	47.823	ug/l	99
85) sec-Butylbenzene	13.175	105	615110	47.812	ug/l	100
86) p-Isopropyltoluene	13.291	119	518498	47.462	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	277657	45.473	ug/l	99
88) 1,4-Dichlorobenzene	13.364	146	273541	45.233	ug/l	99
89) n-Butylbenzene	13.614	91	459947	47.103	ug/l	99
90) Hexachloroethane	13.877	117	110572	46.068	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	249255	46.803	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15480	48.506	ug/l	89
93) 1,2,4-Trichlorobenzene	14.919	180	135559	44.918	ug/l	100
94) Hexachlorobutadiene	15.023	225	79735	42.942	ug/l	99
95) Naphthalene	15.145	128	237399	47.354	ug/l	99
96) 1,2,3-Trichlorobenzene	15.327	180	118065	45.321	ug/l	98

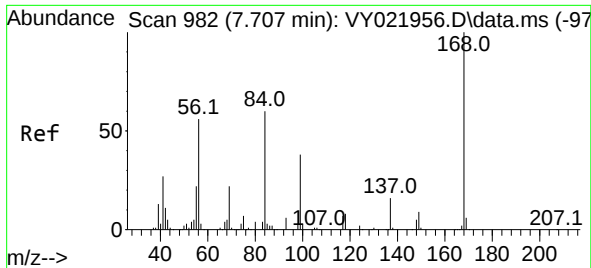
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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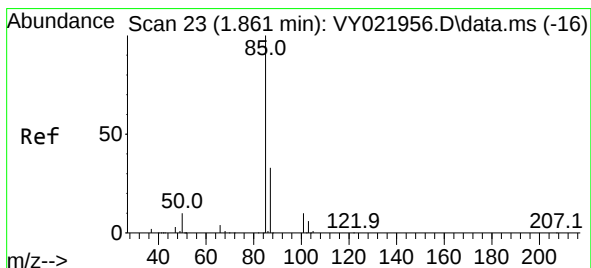
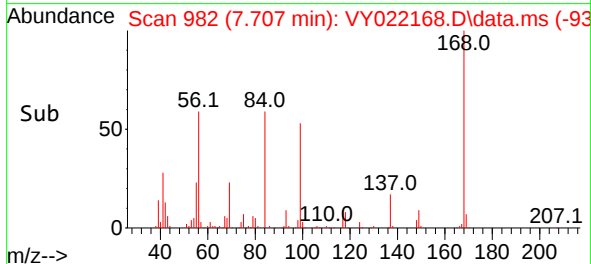
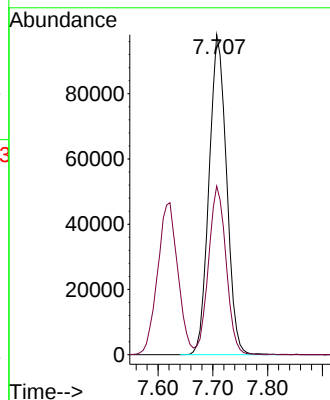
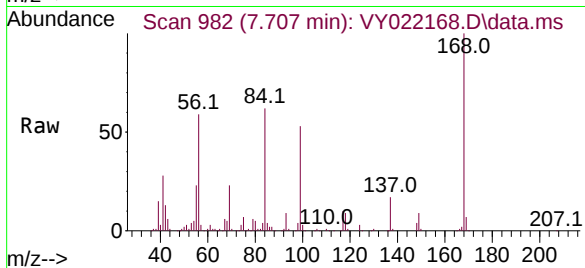
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

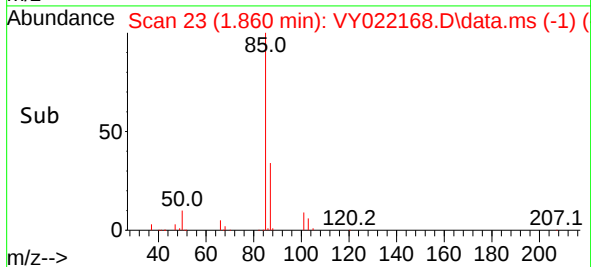
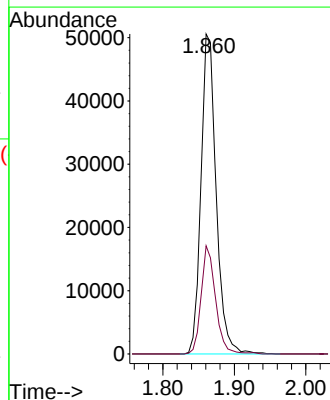
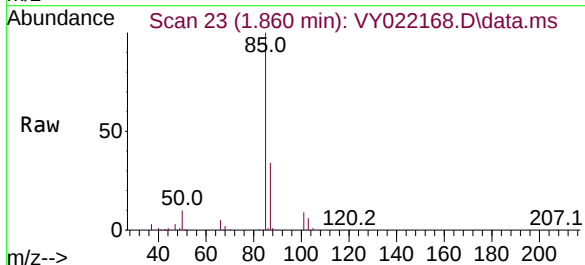
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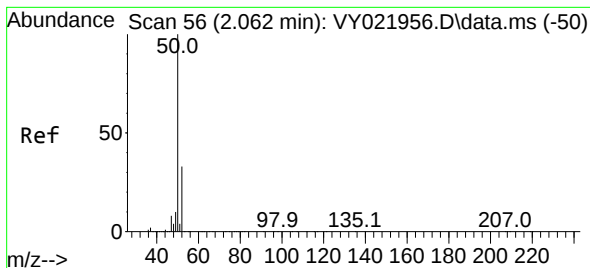
Tgt Ion:168 Resp: 217147
Ion Ratio Lower Upper
168 100
99 52.6 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 40.317 ug/l
RT: 1.860 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

Tgt Ion: 85 Resp: 74598
Ion Ratio Lower Upper
85 100
87 33.8 16.6 49.7

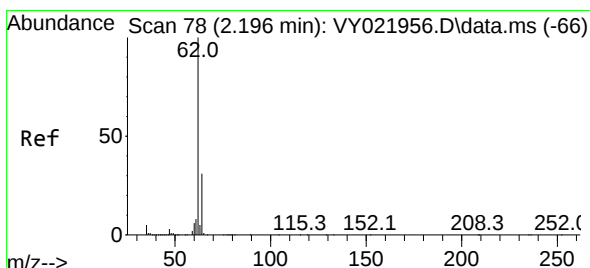
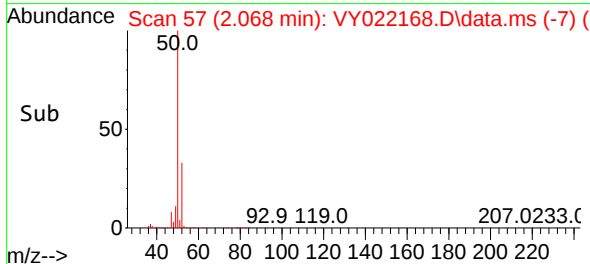
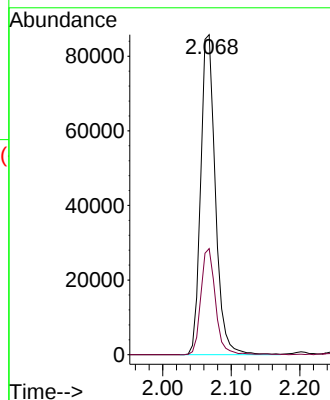
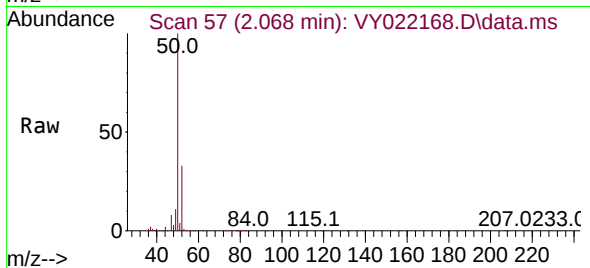




#3
Chloromethane
Concen: 48.722 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

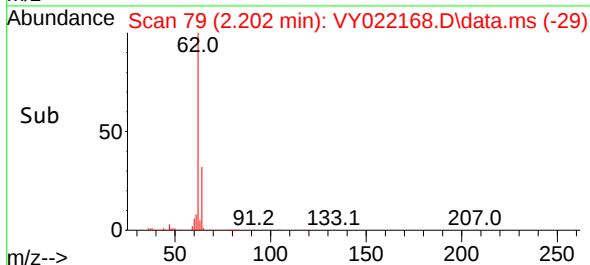
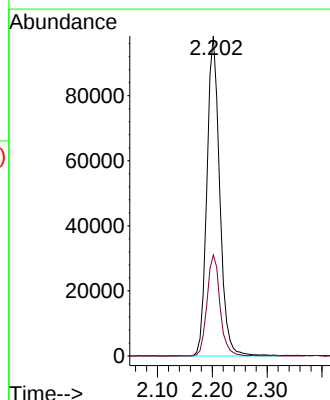
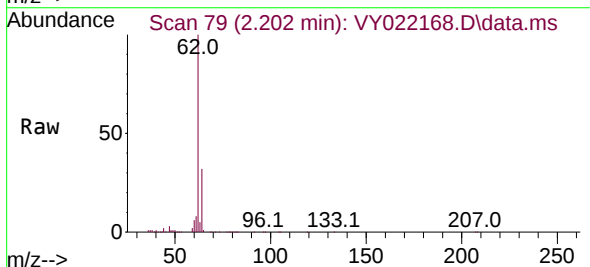
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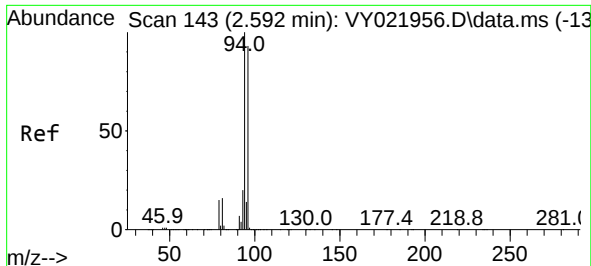
Tgt Ion: 50 Resp: 128364
Ion Ratio Lower Upper
50 100
52 33.1 26.1 39.1



#4
Vinyl Chloride
Concen: 49.098 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

Tgt Ion: 62 Resp: 158960
Ion Ratio Lower Upper
62 100
64 31.6 25.1 37.7

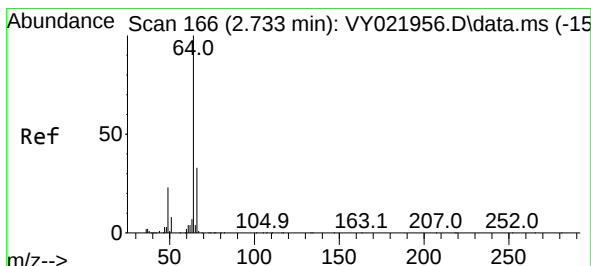
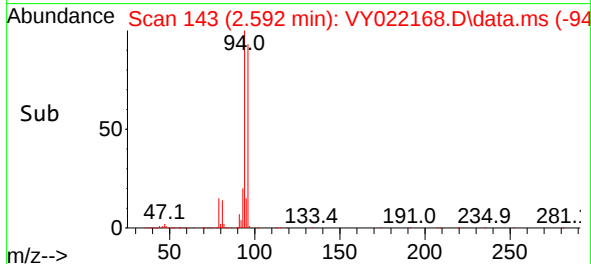
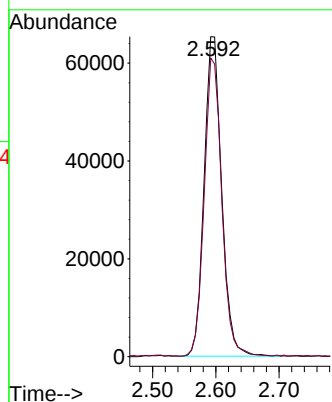
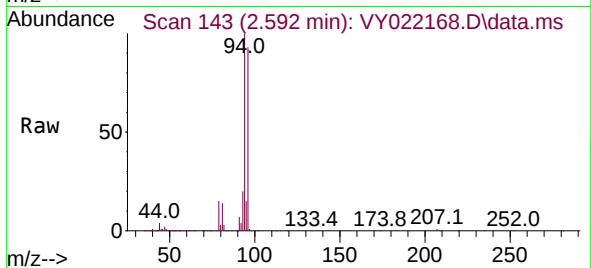




#5
Bromomethane
Concen: 45.368 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

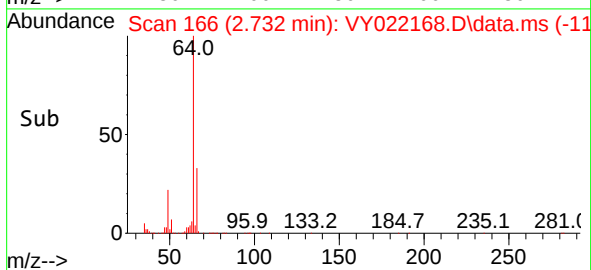
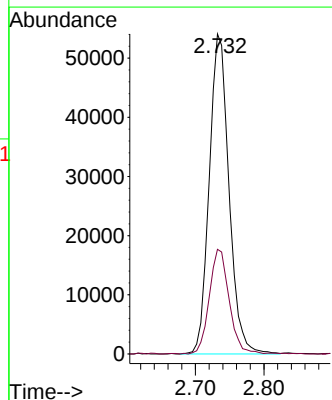
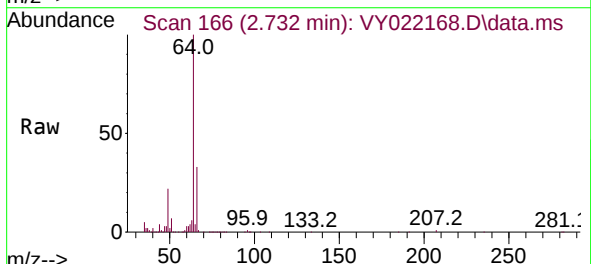
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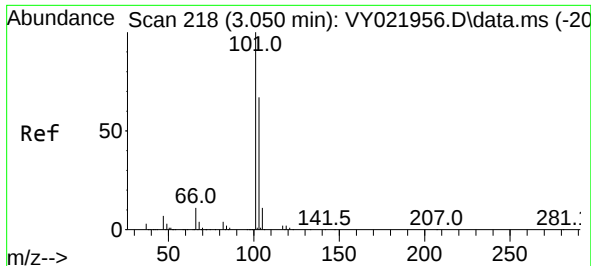
Tgt Ion: 94 Resp: 126547
Ion Ratio Lower Upper
94 100
96 93.3 74.6 111.8



#6
Chloroethane
Concen: 49.026 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

Tgt Ion: 64 Resp: 108101
Ion Ratio Lower Upper
64 100
66 32.7 26.2 39.4

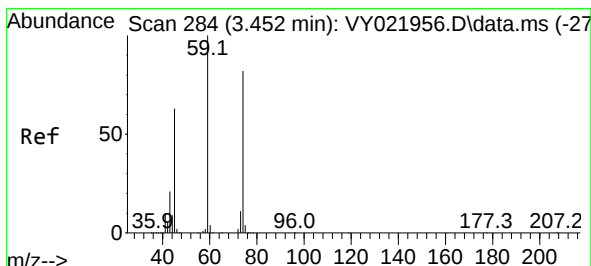
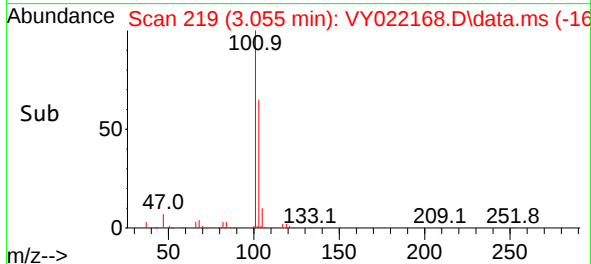
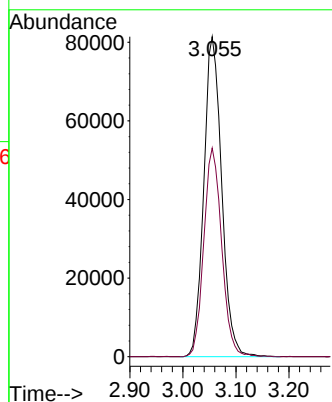
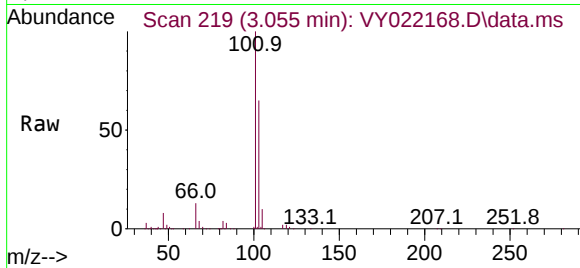




#7
 Trichlorofluoromethane
 Concen: 44.680 ug/l
 RT: 3.055 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY022168.D
 Acq: 05 May 2025 18:37

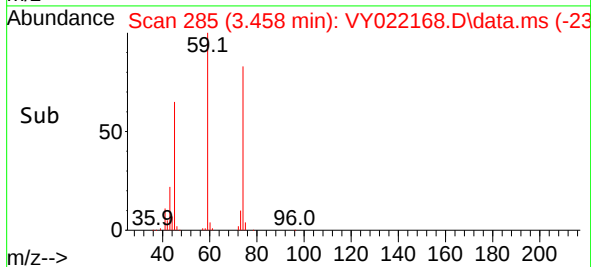
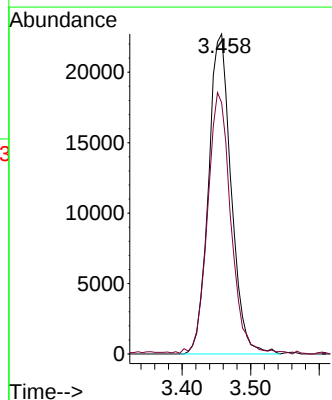
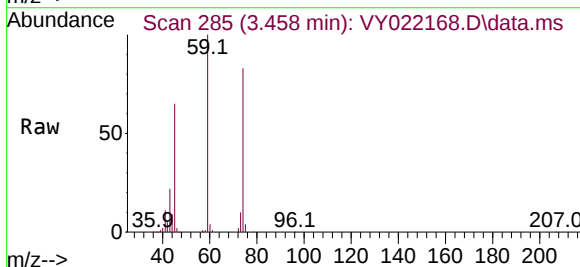
Instrument :
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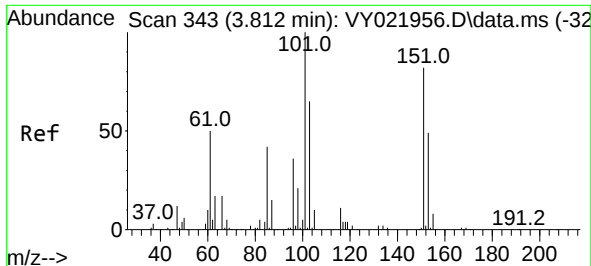
Tgt Ion:101 Resp: 190751
 Ion Ratio Lower Upper
 101 100
 103 65.2 53.6 80.4



#8
 Diethyl Ether
 Concen: 46.944 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY022168.D
 Acq: 05 May 2025 18:37

Tgt Ion: 74 Resp: 52164
 Ion Ratio Lower Upper
 74 100
 45 84.2 39.1 117.5

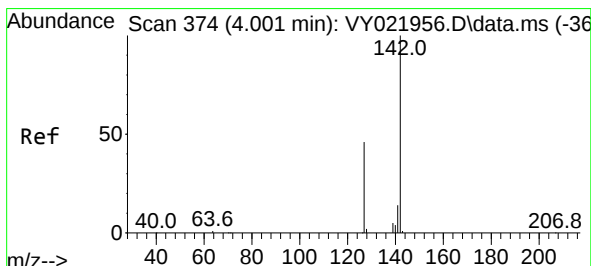
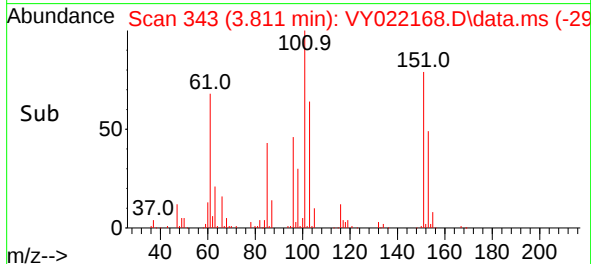
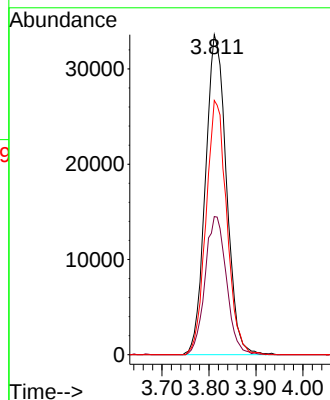
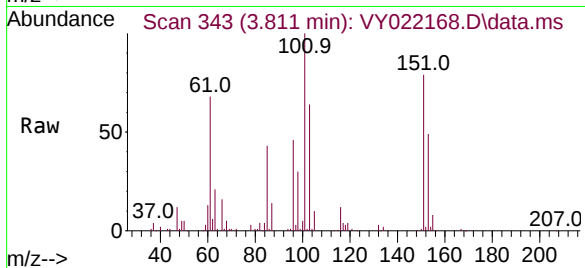




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.914 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022168.D
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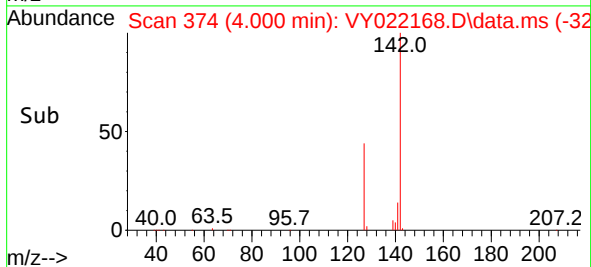
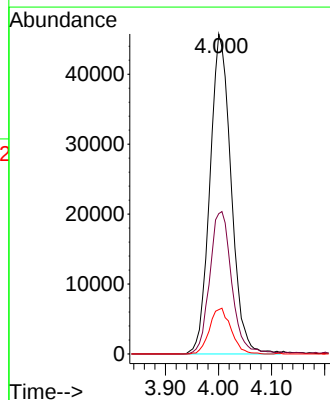
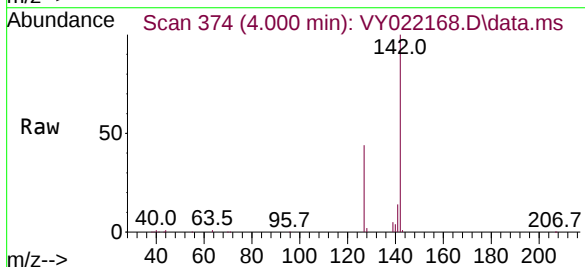
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

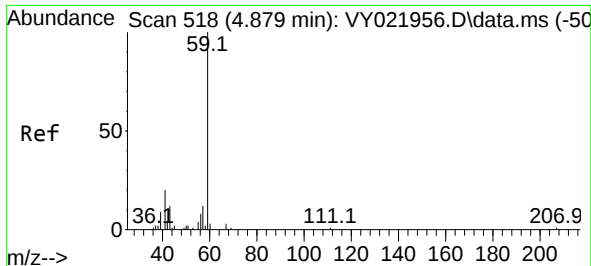
Tgt Ion:101 Resp: 104019
Ion Ratio Lower Upper
101 100
85 44.0 34.6 51.8
151 78.6 63.7 95.5



#10
Methyl Iodide
Concen: 47.435 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

Tgt Ion:142 Resp: 127191
Ion Ratio Lower Upper
142 100
127 46.1 36.2 54.2
141 14.4 11.7 17.5

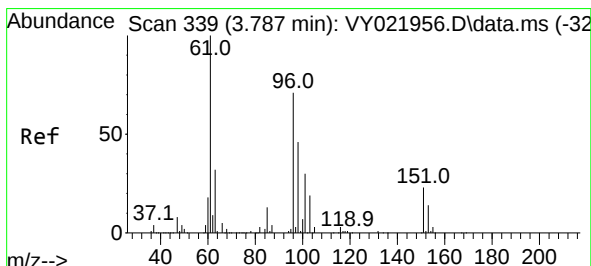
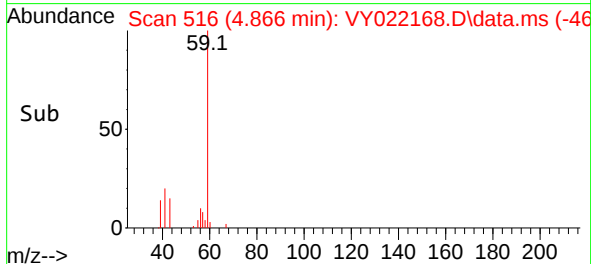
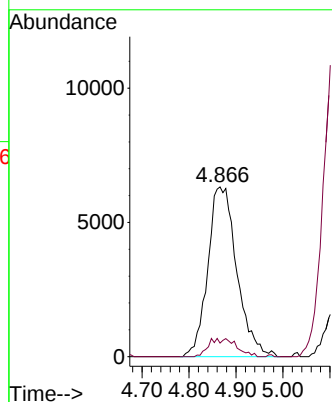
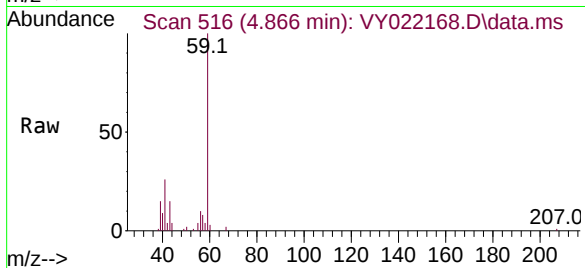




#11
Tert butyl alcohol
Concen: 246.381 ug/l
RT: 4.866 min Scan# 51
Delta R.T. -0.013 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

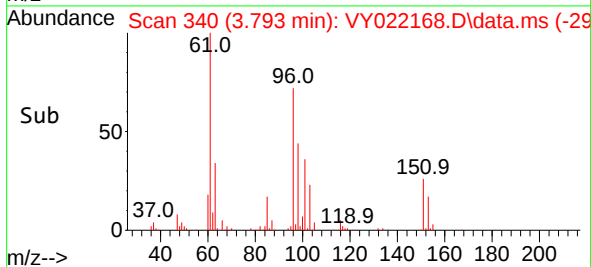
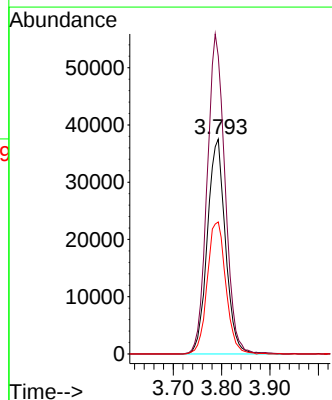
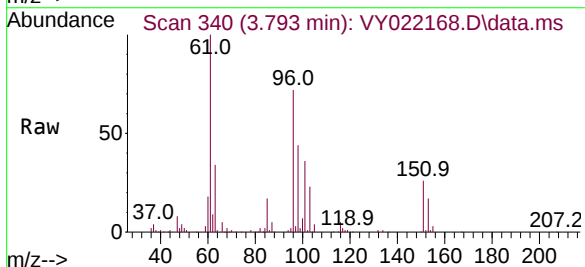
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

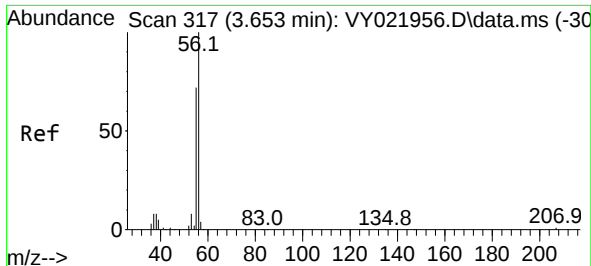
Tgt Ion: 59 Resp: 27130
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 45.079 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

Tgt Ion: 96 Resp: 97310
Ion Ratio Lower Upper
96 100
61 138.5 113.0 169.4
98 61.4 51.4 77.2

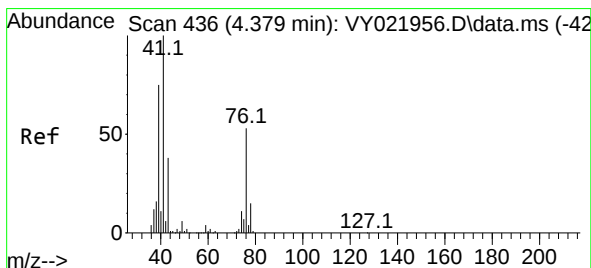
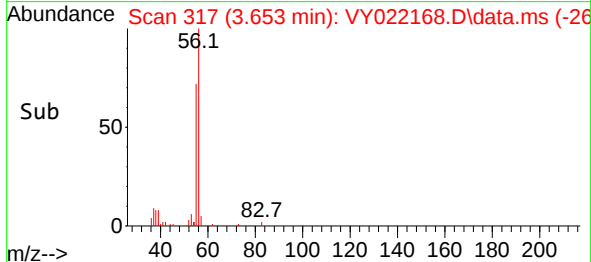
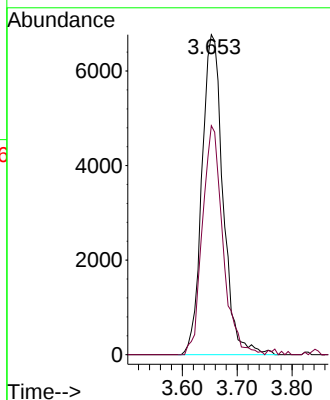
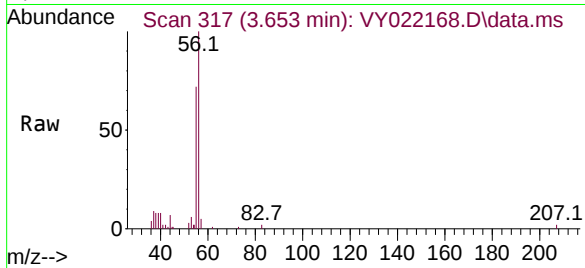




#13
Acrolein
Concen: 91.553 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

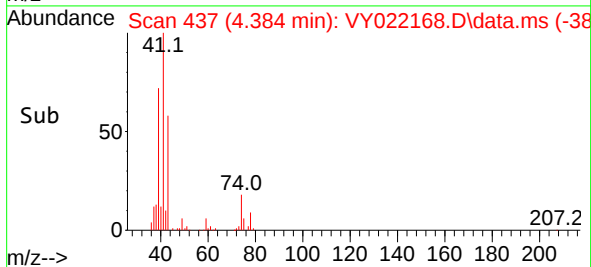
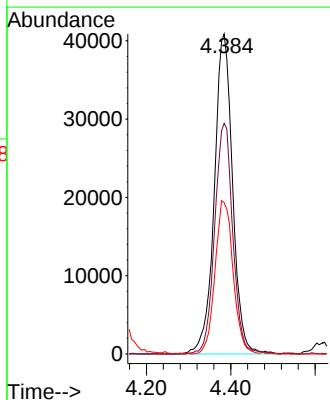
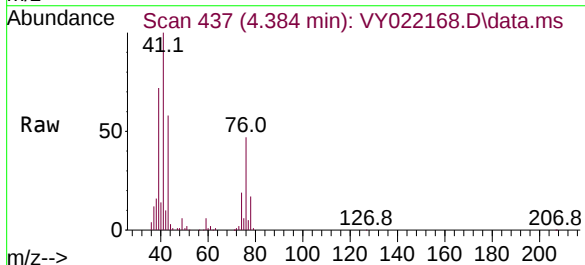
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

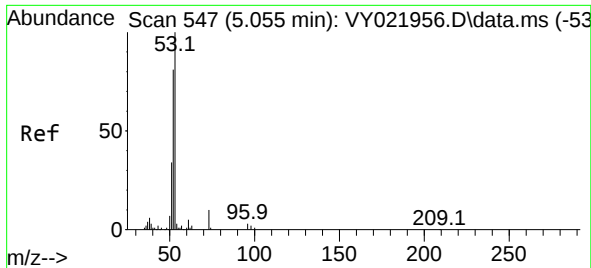
Tgt Ion: 56 Resp: 18094
Ion Ratio Lower Upper
56 100
55 69.2 57.4 86.0



#14
Allyl chloride
Concen: 48.841 ug/l
RT: 4.384 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

Tgt Ion: 41 Resp: 122763
Ion Ratio Lower Upper
41 100
39 71.2 57.2 85.8
76 47.3 39.7 59.5

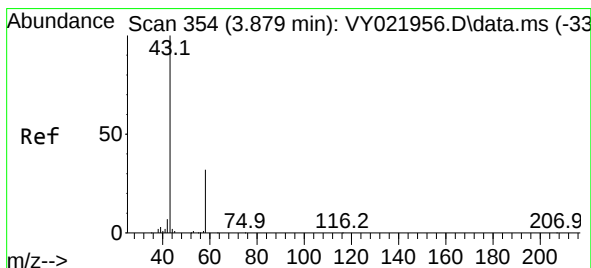
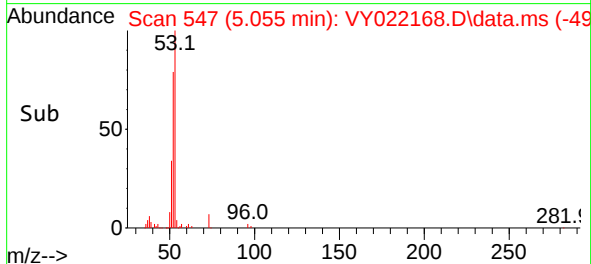
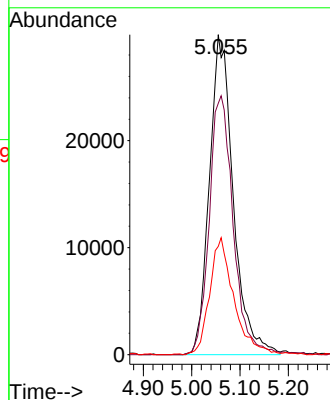
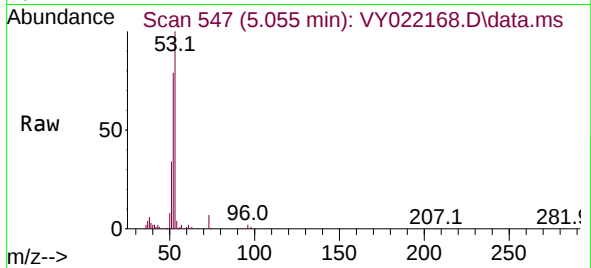




#15
Acrylonitrile
Concen: 251.398 ug/l
RT: 5.055 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

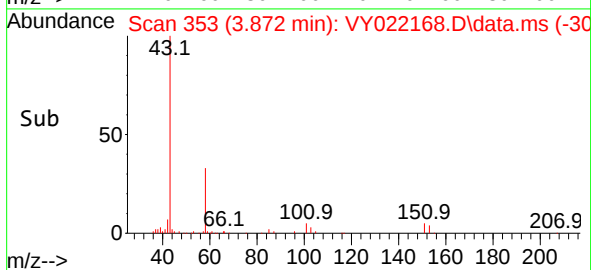
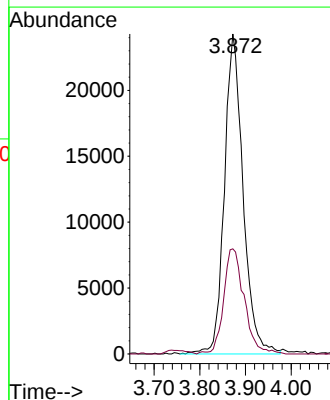
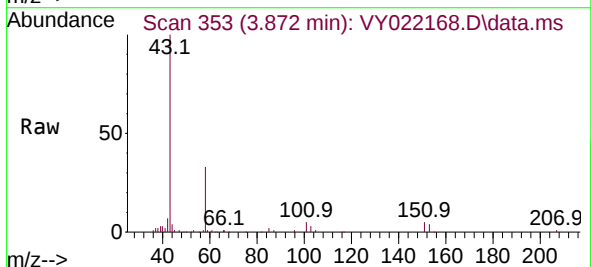
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

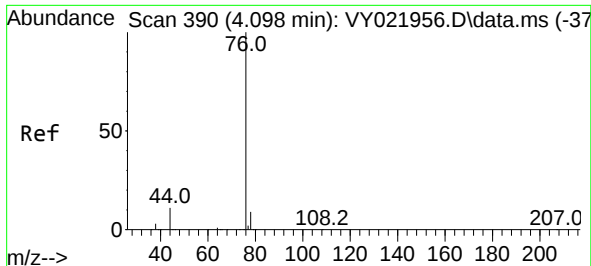
Tgt Ion: 53 Resp: 102268
Ion Ratio Lower Upper
53 100
52 81.9 65.0 97.6
51 37.2 28.9 43.3



#16
Acetone
Concen: 263.906 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.007 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

Tgt Ion: 43 Resp: 68973
Ion Ratio Lower Upper
43 100
58 32.4 27.0 40.4

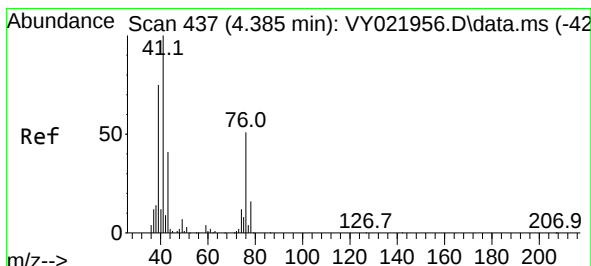
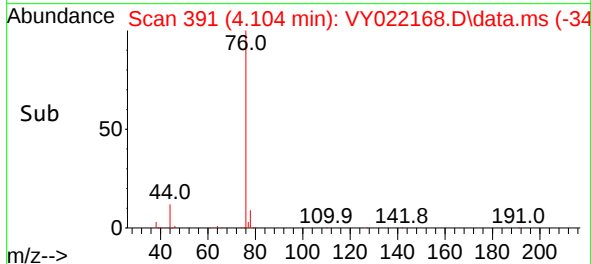
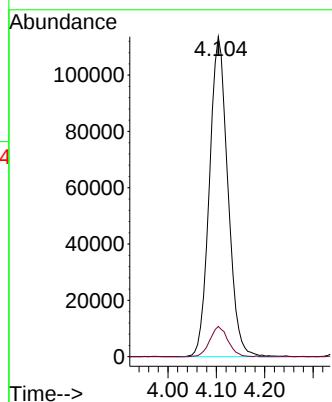
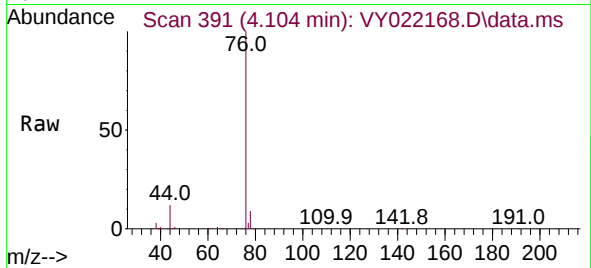




#17
Carbon Disulfide
Concen: 43.763 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

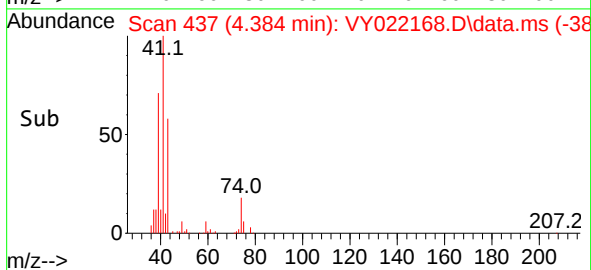
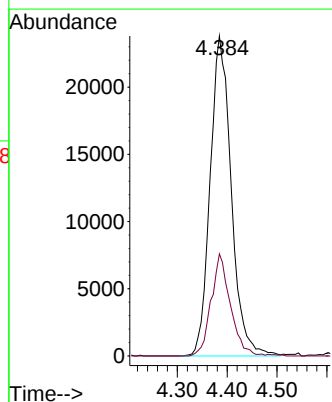
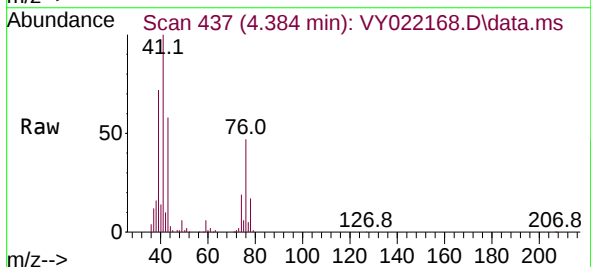
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 301214
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4



#18
Methyl Acetate
Concen: 74.739 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

Tgt Ion: 43 Resp: 70025
Ion Ratio Lower Upper
43 100
74 29.0 24.2 36.4

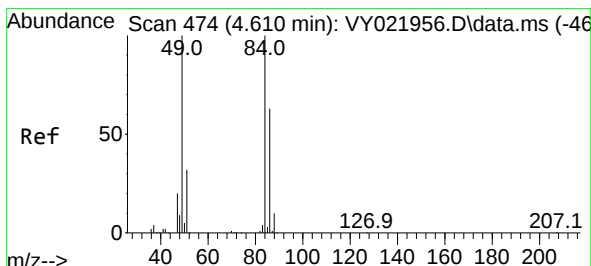
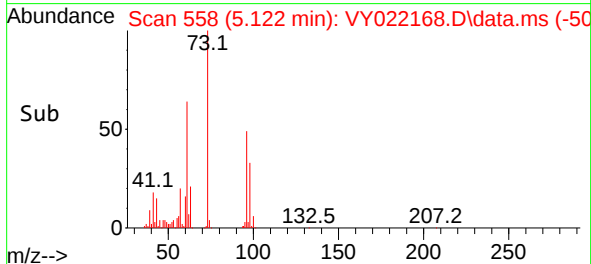
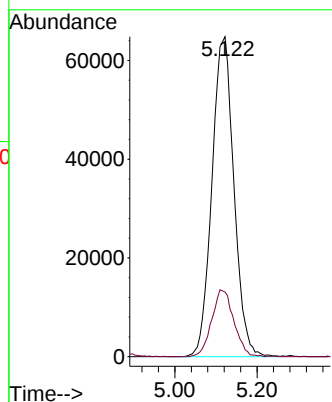
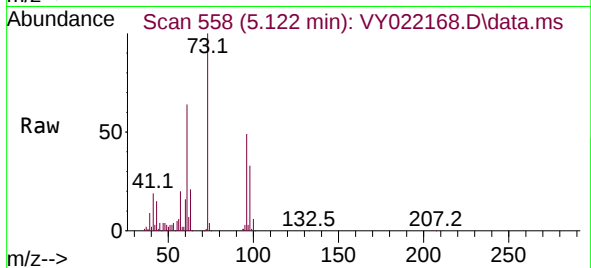




#19
Methyl tert-butyl Ether
Concen: 49.762 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

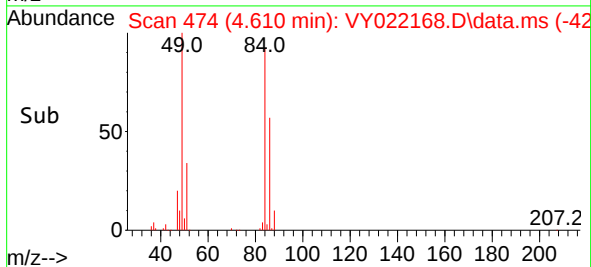
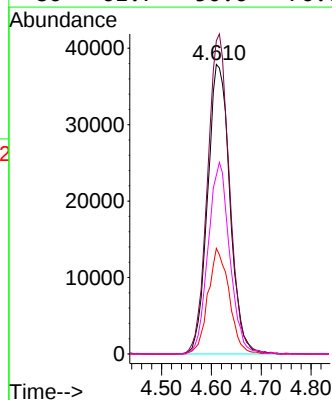
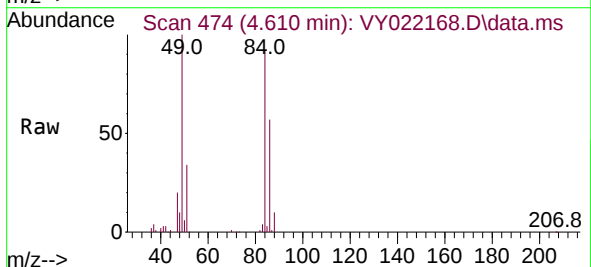
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

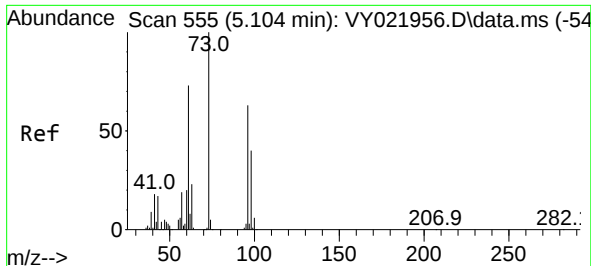
Tgt Ion: 73 Resp: 240426
Ion Ratio Lower Upper
73 100
57 20.2 16.9 25.3



#20
Methylene Chloride
Concen: 46.330 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

Tgt Ion: 84 Resp: 117503
Ion Ratio Lower Upper
84 100
49 108.2 79.9 119.9
51 36.5 25.4 38.0
86 61.7 50.6 76.0

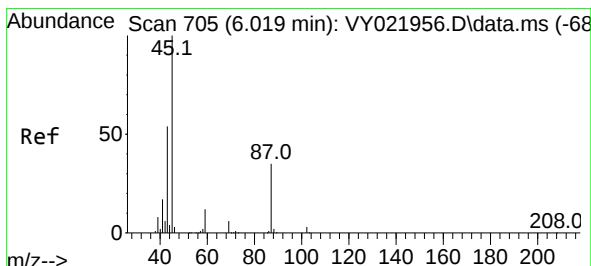
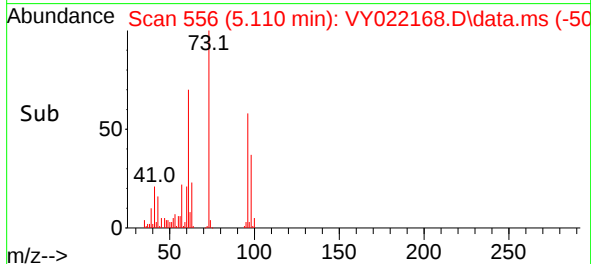
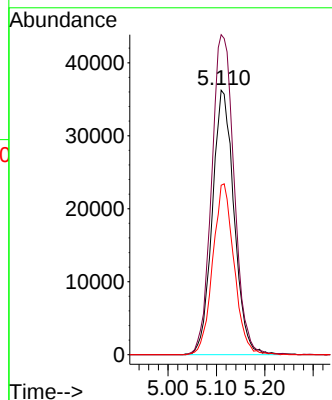
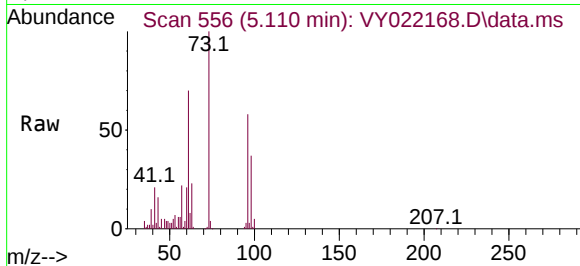




#21
trans-1,2-Dichloroethene
Concen: 46.764 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

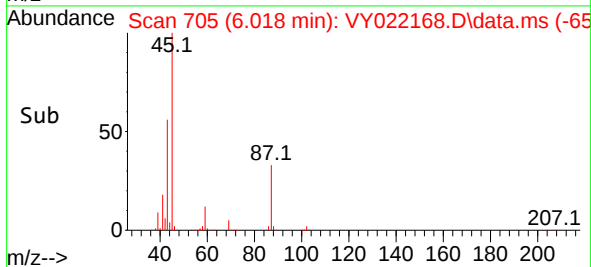
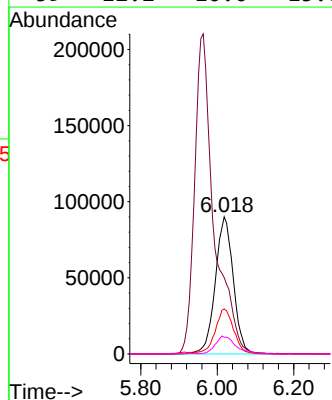
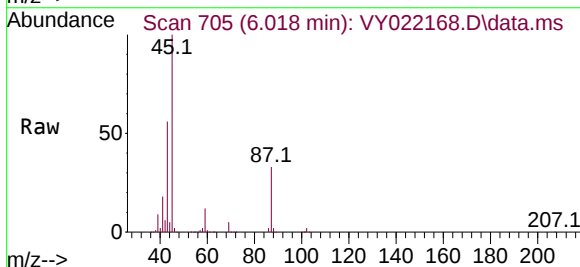
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

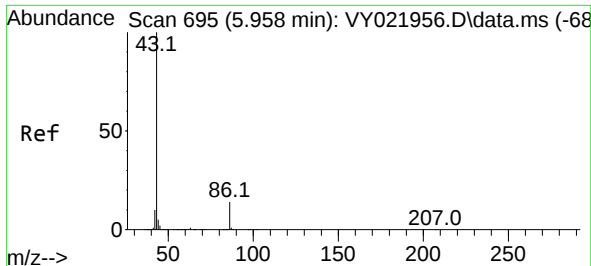
Tgt Ion: 96 Resp: 113055
Ion Ratio Lower Upper
96 100
61 121.0 92.6 138.8
98 64.1 50.2 75.4



#22
Diisopropyl ether
Concen: 52.695 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

Tgt Ion: 45 Resp: 294758
Ion Ratio Lower Upper
45 100
43 55.5 43.6 65.4
87 32.8 28.2 42.4
59 12.2 10.0 15.0

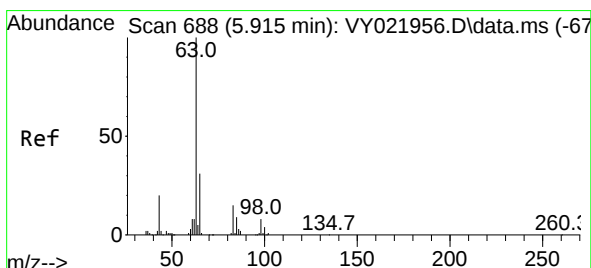
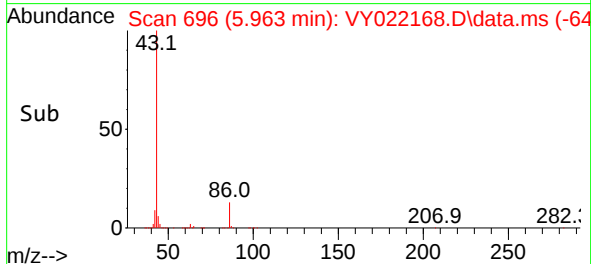
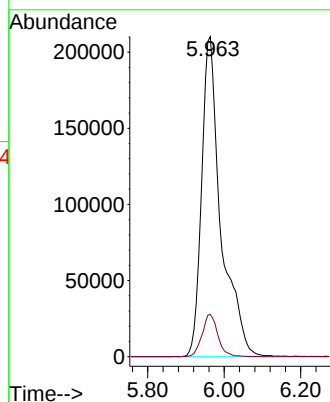
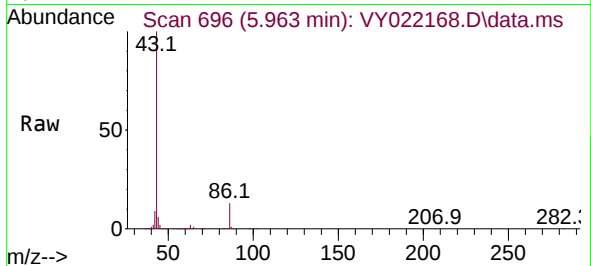




#23
 Vinyl Acetate
 Concen: 244.875 ug/l
 RT: 5.963 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY022168.D
 Acq: 05 May 2025 18:37

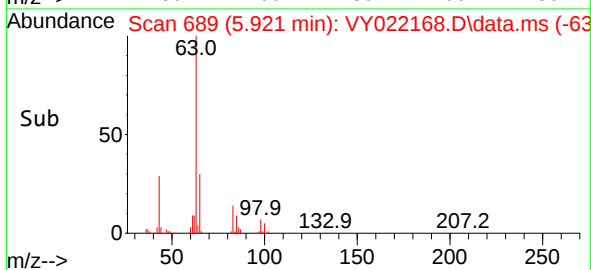
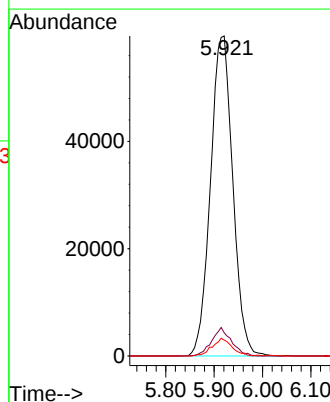
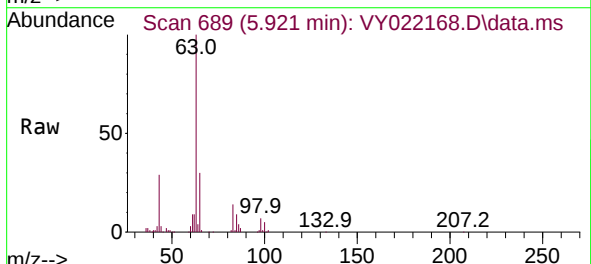
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

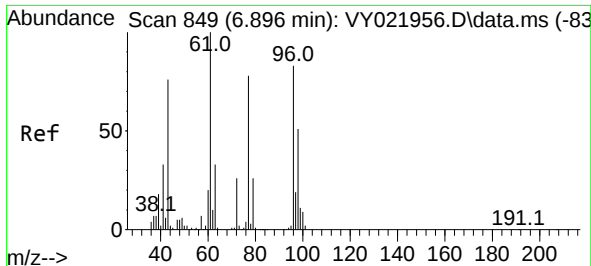
Tgt Ion: 43 Resp: 738196
 Ion Ratio Lower Upper
 43 100
 86 13.2 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 49.254 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY022168.D
 Acq: 05 May 2025 18:37

Tgt Ion: 63 Resp: 190970
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.0 11.9
 100 5.0 2.0 6.0





#25

2-Butanone

Concen: 257.410 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY022168.D

Acq: 05 May 2025 18:37

Instrument :

MSVOA_Y

ClientSampleId :

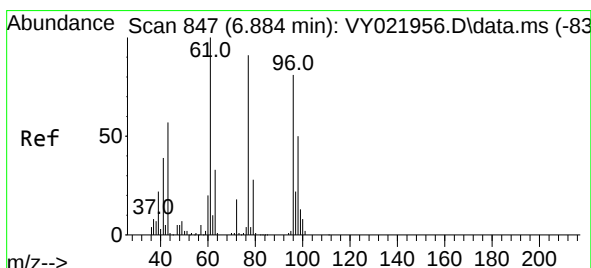
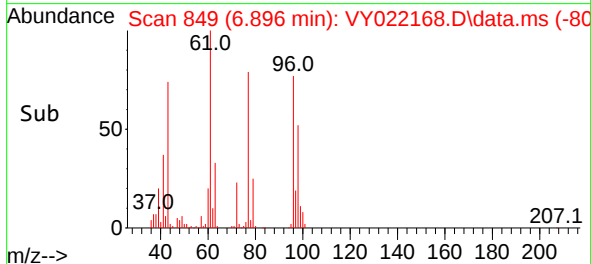
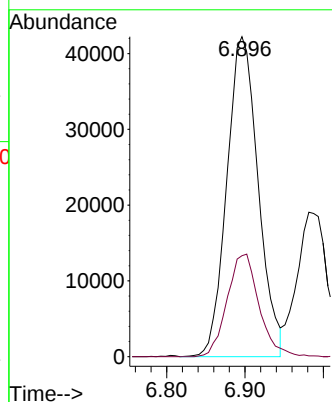
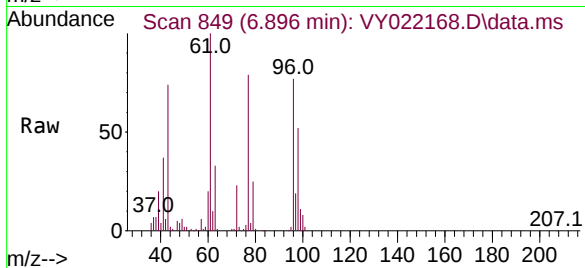
VSTDCCC050EC

Tgt Ion: 43 Resp: 117688

Ion Ratio Lower Upper

43 100

72 31.6 27.0 40.4



#26

2,2-Dichloropropane

Concen: 46.105 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY022168.D

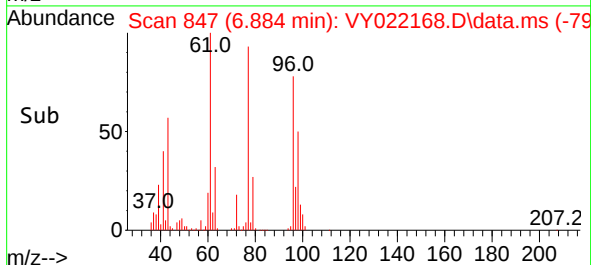
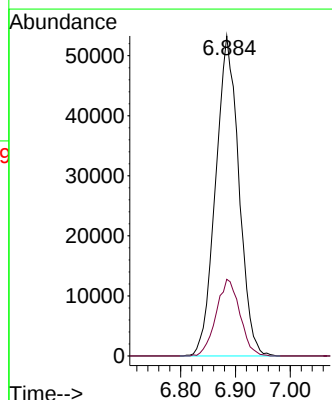
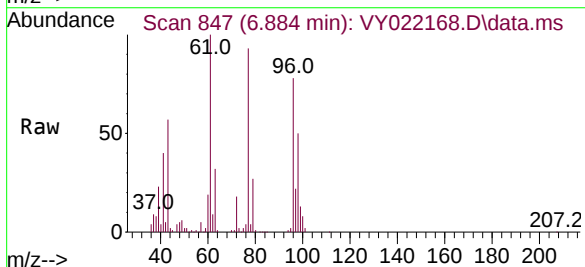
Acq: 05 May 2025 18:37

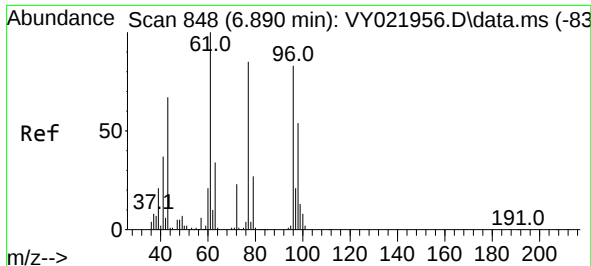
Tgt Ion: 77 Resp: 156677

Ion Ratio Lower Upper

77 100

97 24.4 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 48.527 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022168.D

Acq: 05 May 2025 18:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

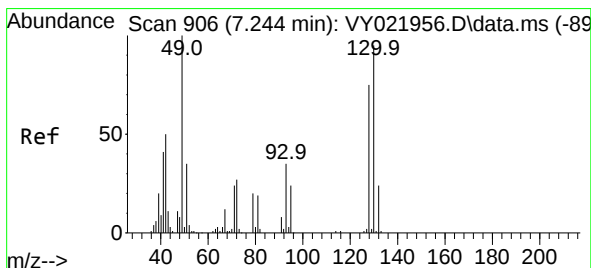
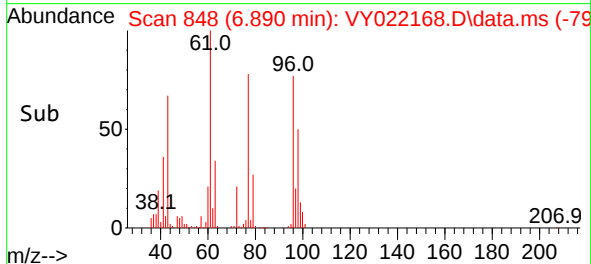
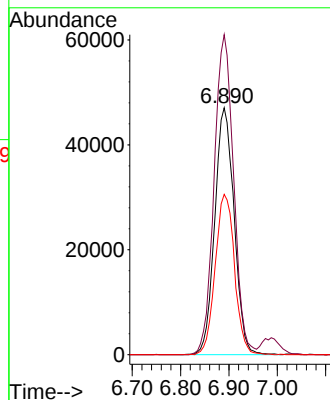
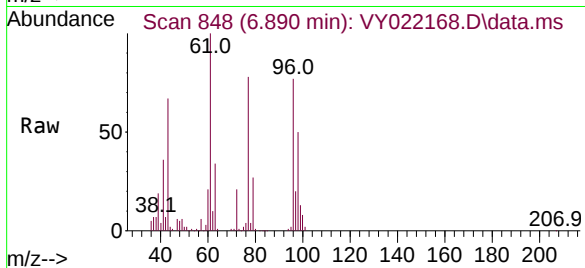
Tgt Ion: 96 Resp: 131177

Ion Ratio Lower Upper

96 100

61 130.3 0.0 251.4

98 64.7 0.0 128.4



#28

Bromochloromethane

Concen: 53.541 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY022168.D

Acq: 05 May 2025 18:37

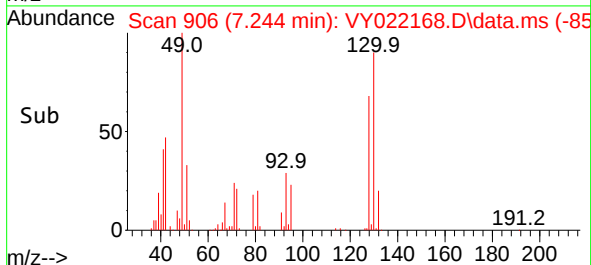
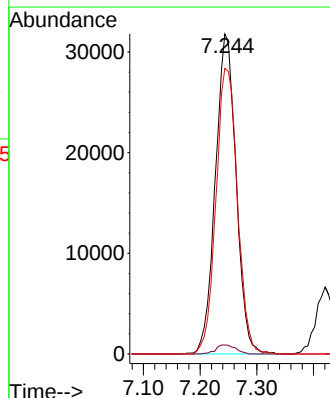
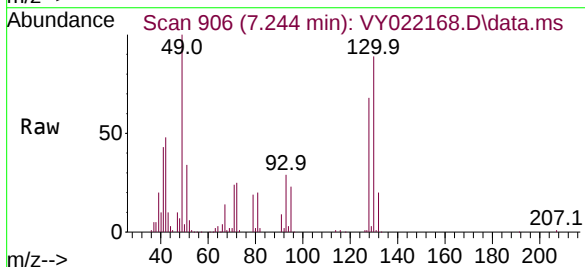
Tgt Ion: 49 Resp: 80633

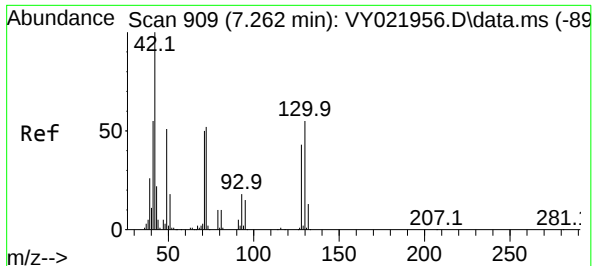
Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.0

130 92.6 78.2 117.4

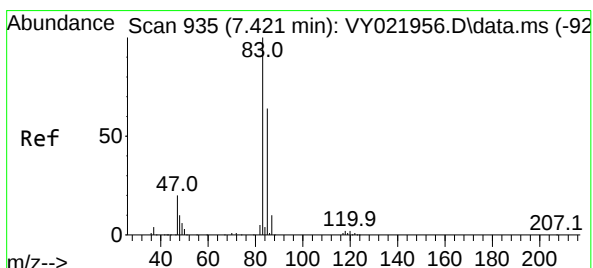
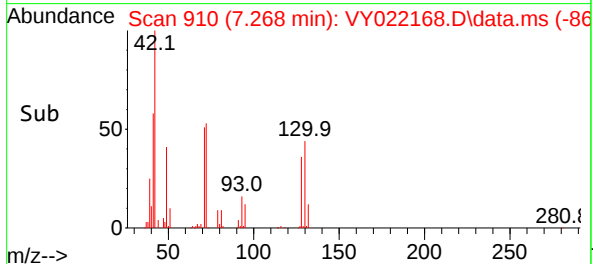
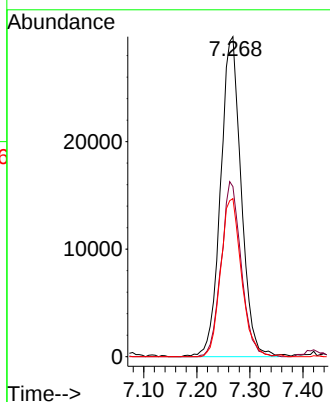
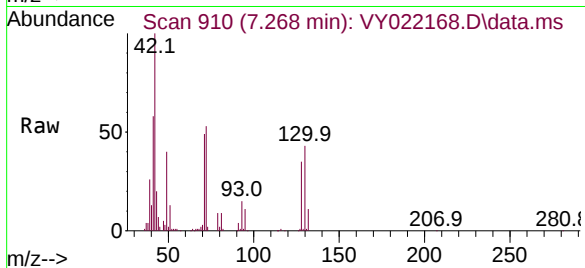




#29
Tetrahydrofuran
Concen: 270.536 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

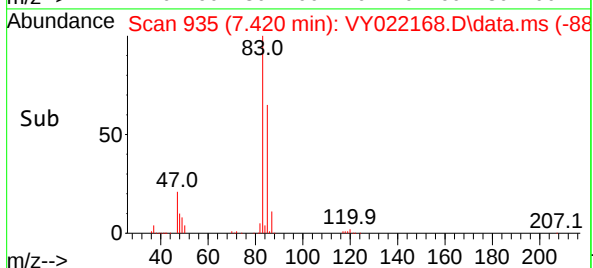
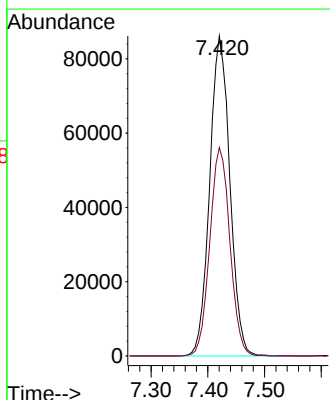
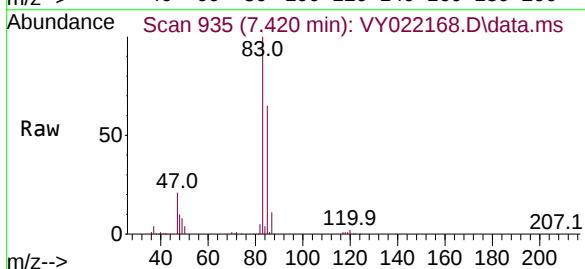
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 80334
Ion Ratio Lower Upper
42 100
72 53.2 42.6 63.8
71 49.7 40.6 61.0



#30
Chloroform
Concen: 49.454 ug/l
RT: 7.420 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

Tgt Ion: 83 Resp: 212689
Ion Ratio Lower Upper
83 100
85 65.1 51.3 76.9

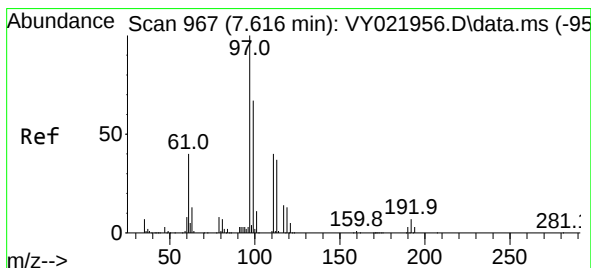
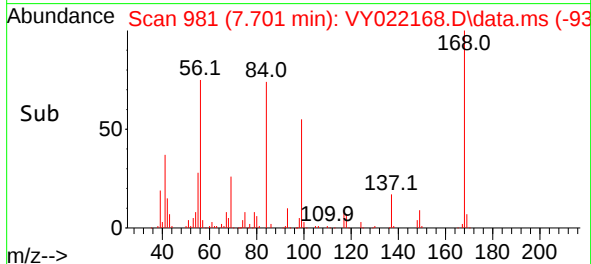
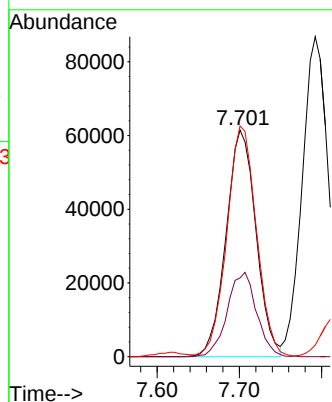
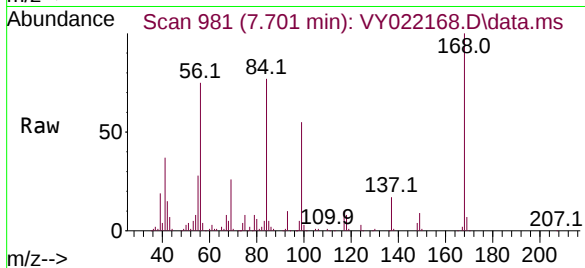




#31
Cyclohexane
Concen: 46.892 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

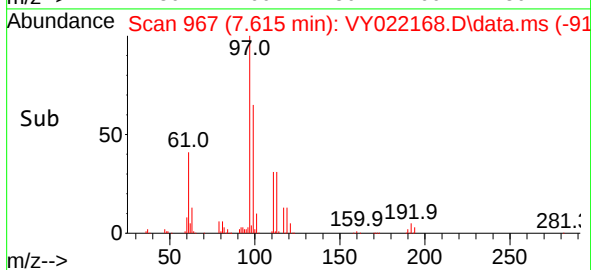
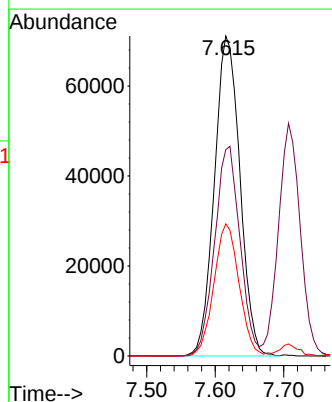
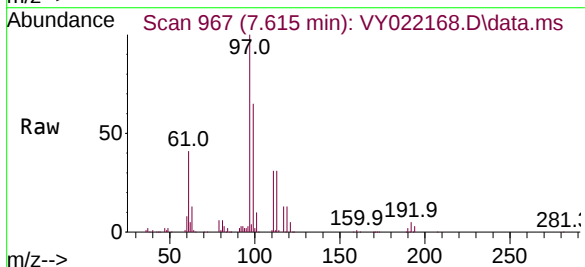
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 155478
Ion Ratio Lower Upper
56 100
69 34.8 29.4 44.2
84 100.5 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 47.267 ug/l
RT: 7.615 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

Tgt Ion: 97 Resp: 183913
Ion Ratio Lower Upper
97 100
99 65.1 51.4 77.2
61 40.6 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 52.175 ug/l

RT: 8.060 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY022168.D

Acq: 05 May 2025 18:37

Instrument :

MSVOA_Y

ClientSampleId :

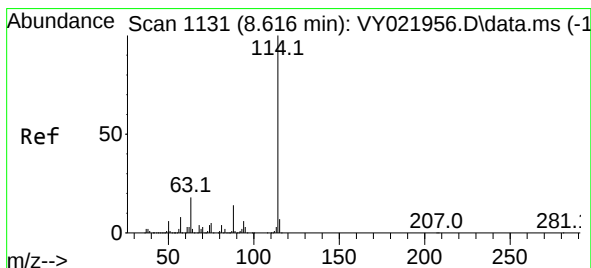
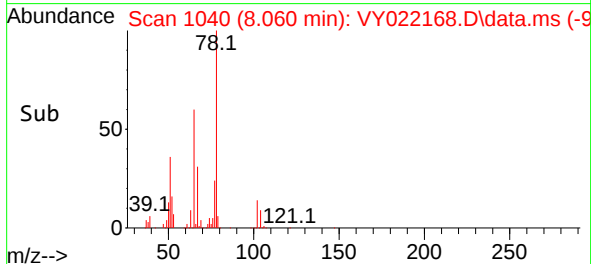
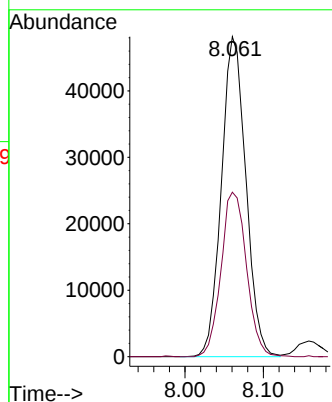
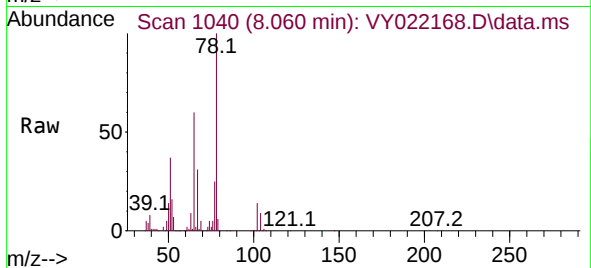
VSTDCCC050EC

Tgt Ion: 65 Resp: 104649

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022168.D

Acq: 05 May 2025 18:37

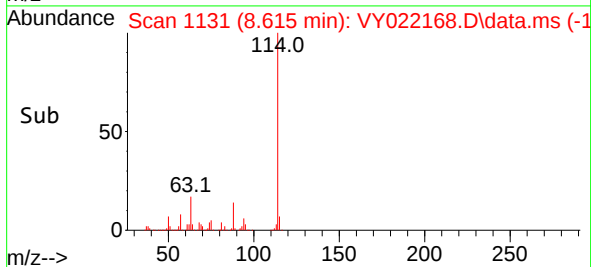
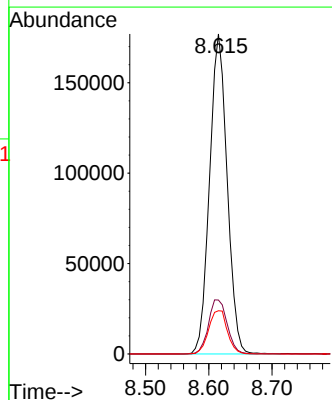
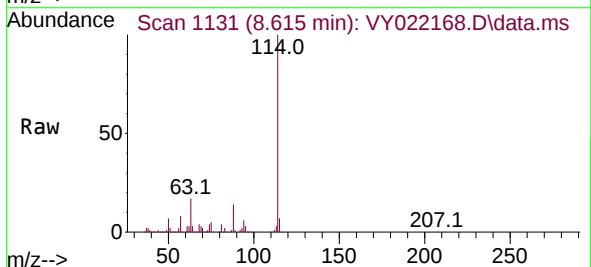
Tgt Ion: 114 Resp: 341688

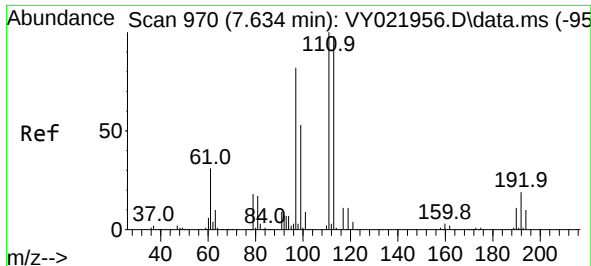
Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.4

88 13.5 0.0 28.2

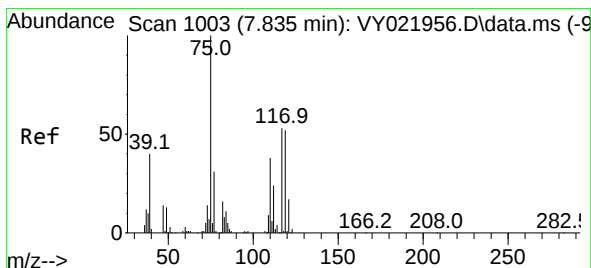
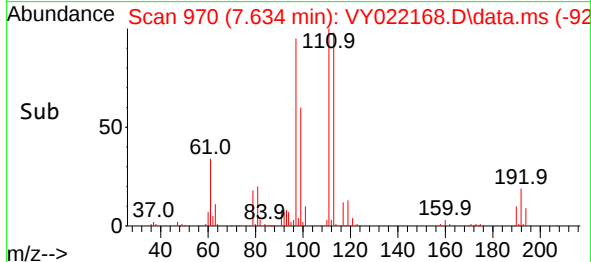
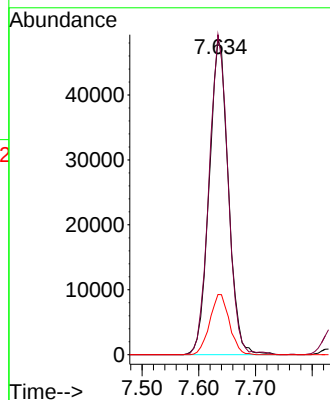
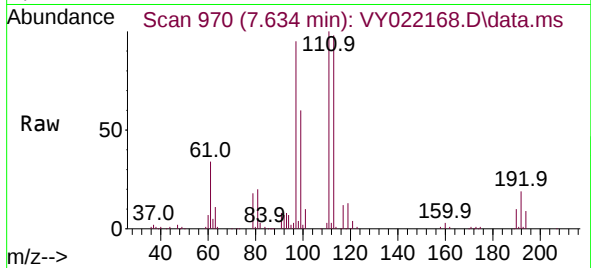




#35
Dibromofluoromethane
Concen: 50.537 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

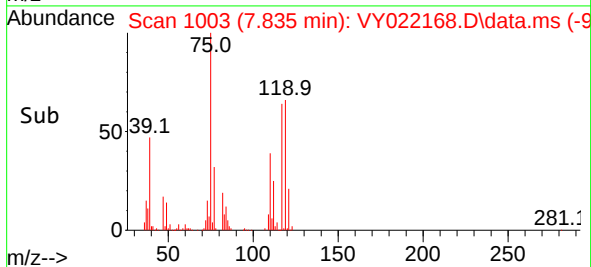
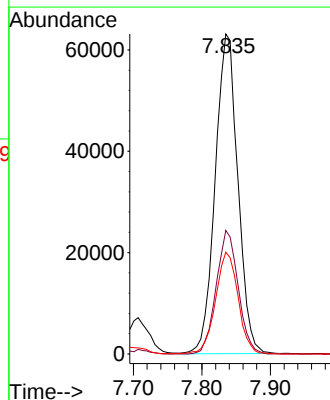
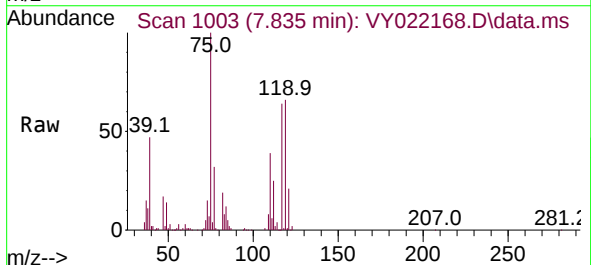
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

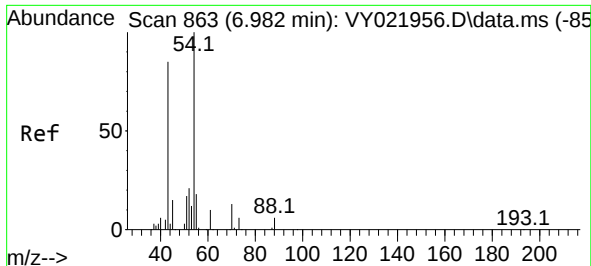
Tgt Ion:113 Resp: 114082
Ion Ratio Lower Upper
113 100
111 100.6 81.8 122.8
192 19.5 15.6 23.4



#36
1,1-Dichloropropene
Concen: 47.648 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

Tgt Ion: 75 Resp: 144480
Ion Ratio Lower Upper
75 100
110 37.4 19.1 57.3
77 31.8 25.5 38.3





#37

Ethyl Acetate

Concen: 48.577 ug/l

RT: 6.981 min Scan# 863

Delta R.T. -0.000 min

Lab File: VY022168.D

Acq: 05 May 2025 18:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

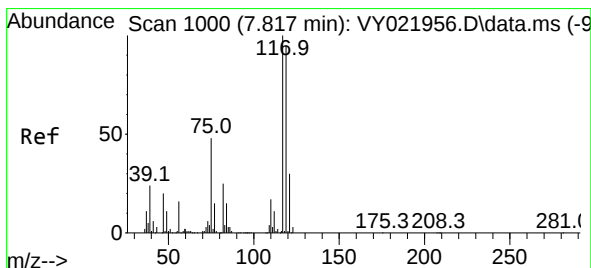
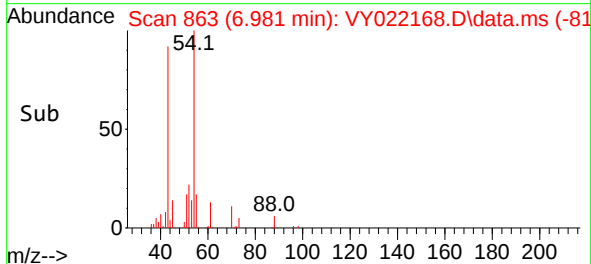
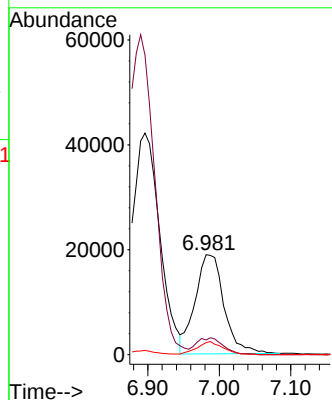
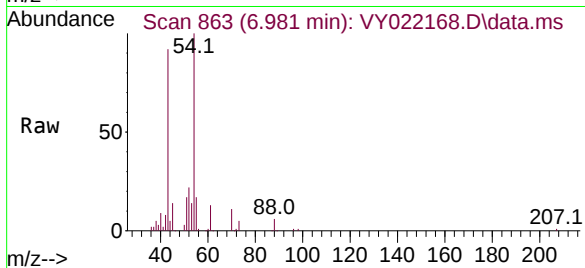
Tgt Ion: 43 Resp: 52902

Ion Ratio Lower Upper

43 100

61 15.9 13.8 20.6

70 12.1 9.2 13.8



#38

Carbon Tetrachloride

Concen: 46.910 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY022168.D

Acq: 05 May 2025 18:37

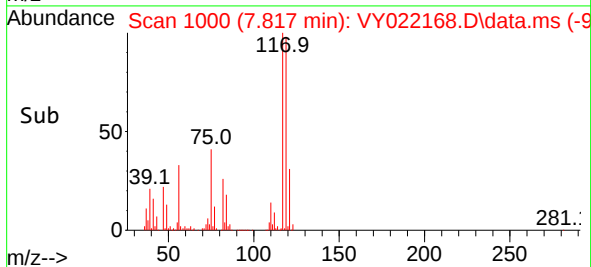
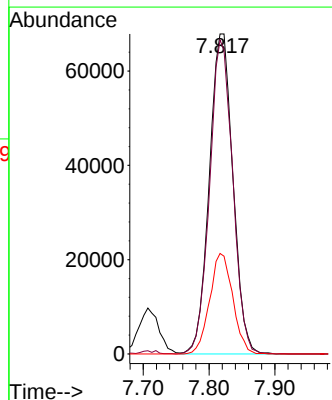
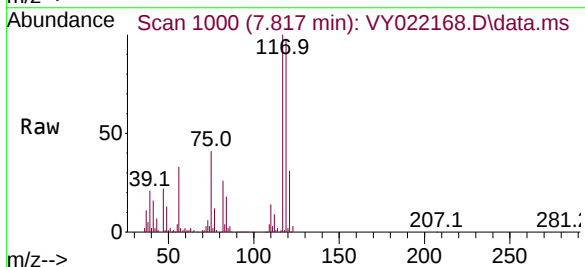
Tgt Ion: 117 Resp: 169970

Ion Ratio Lower Upper

117 100

119 98.0 76.2 114.4

121 31.4 24.0 36.0





#39

Methylcyclohexane

Concen: 46.849 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022168.D

Acq: 05 May 2025 18:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

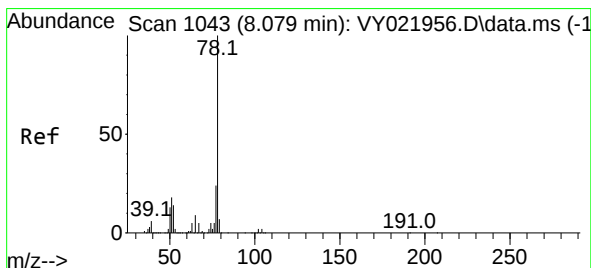
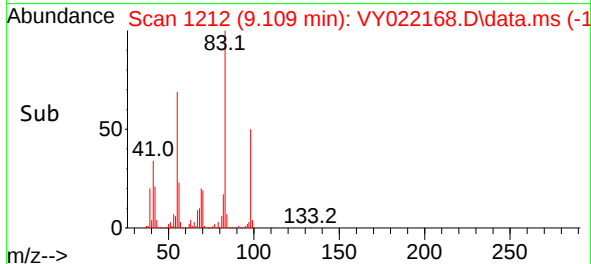
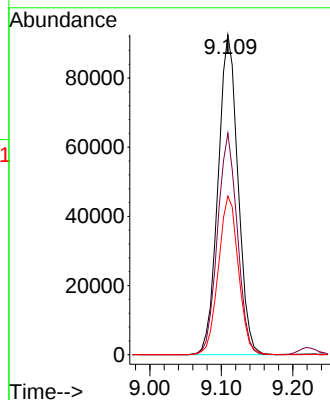
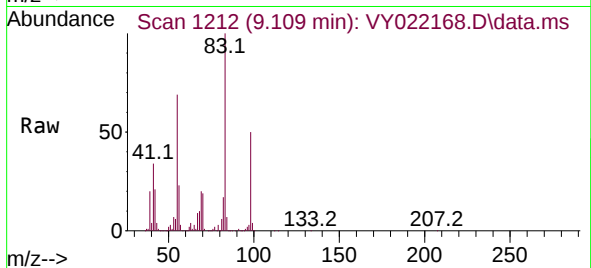
Tgt Ion: 83 Resp: 178774

Ion Ratio Lower Upper

83 100

55 69.2 50.6 75.8

98 49.6 38.6 58.0



#40

Benzene

Concen: 48.586 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022168.D

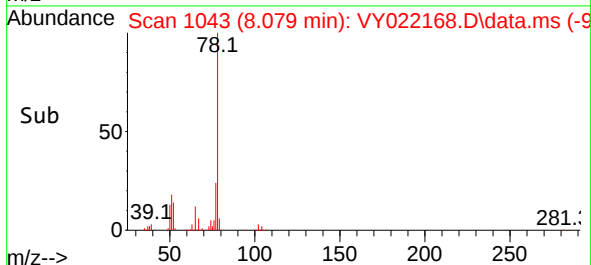
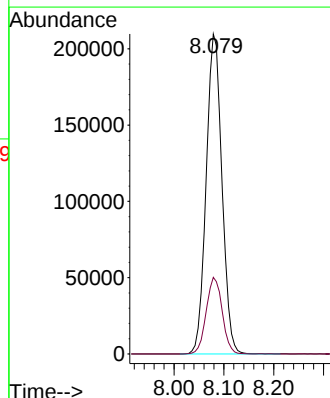
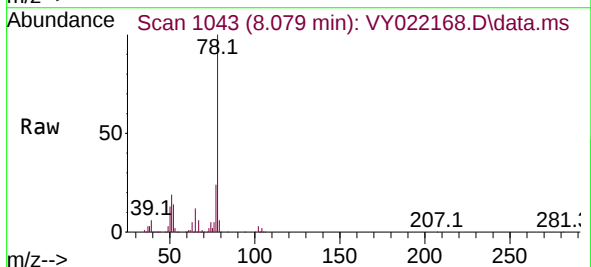
Acq: 05 May 2025 18:37

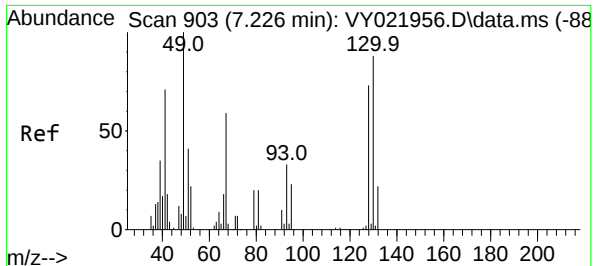
Tgt Ion: 78 Resp: 460531

Ion Ratio Lower Upper

78 100

77 24.0 19.3 28.9

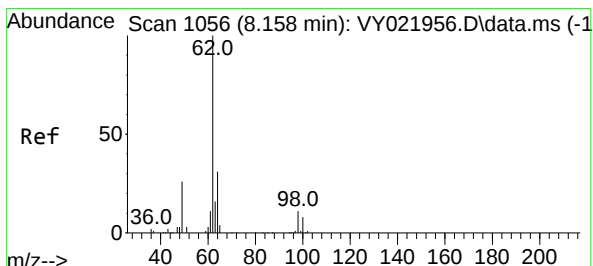
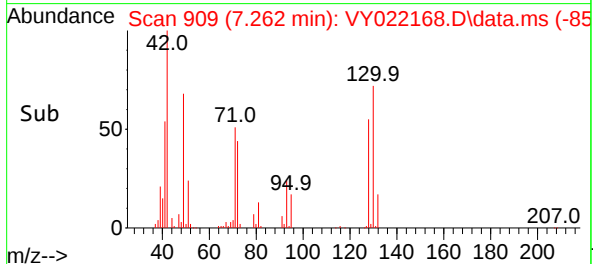
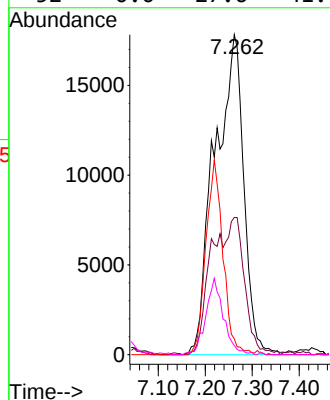
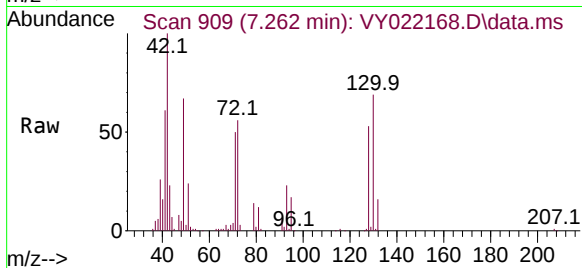




#41
Methacrylonitrile
Concen: 128.096 ug/l
RT: 7.262 min Scan# 903
Delta R.T. 0.036 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

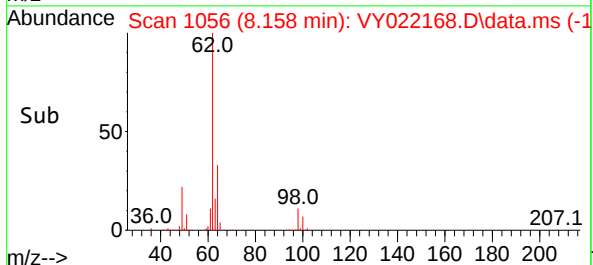
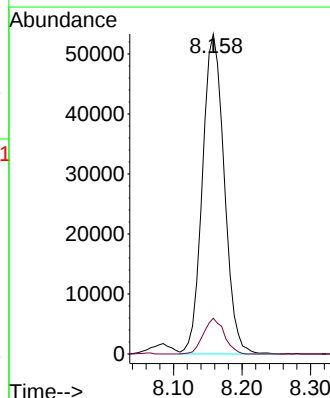
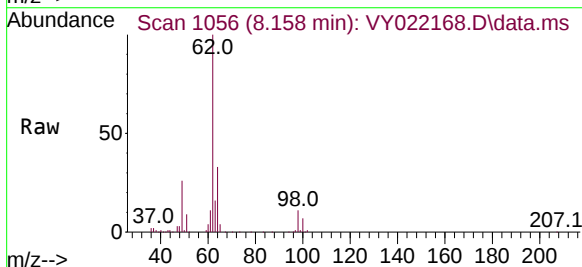
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

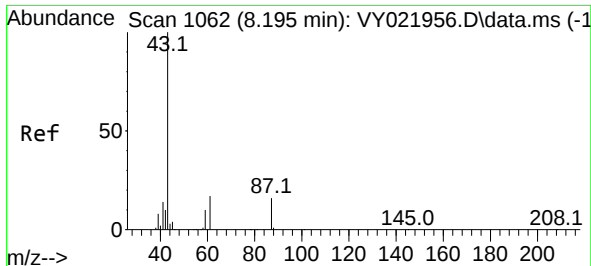
Tgt Ion: 41 Resp: 76259
Ion Ratio Lower Upper
41 100
39 0.0 36.6 55.0#
67 0.0 72.2 108.4#
52 0.0 27.6 41.4#



#42
1,2-Dichloroethane
Concen: 50.320 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

Tgt Ion: 62 Resp: 118092
Ion Ratio Lower Upper
62 100
98 10.6 0.0 22.0

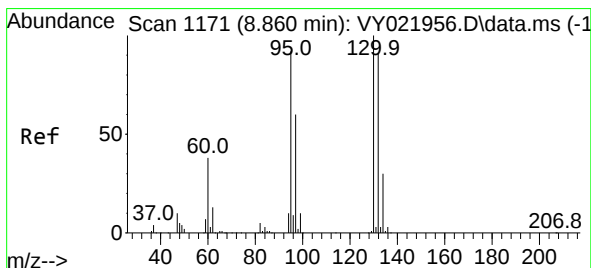
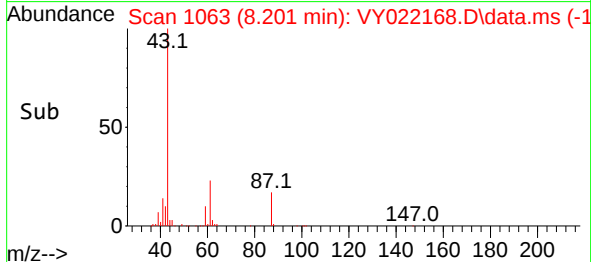
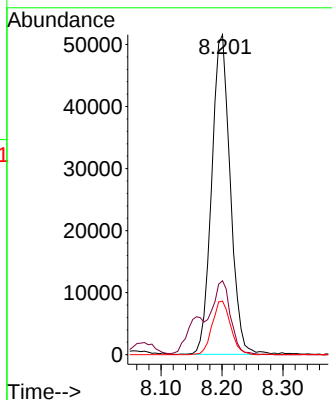
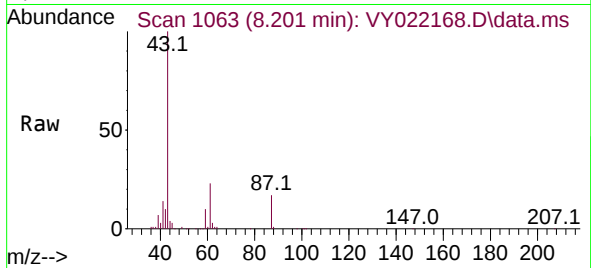




#43
Isopropyl Acetate
Concen: 52.086 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

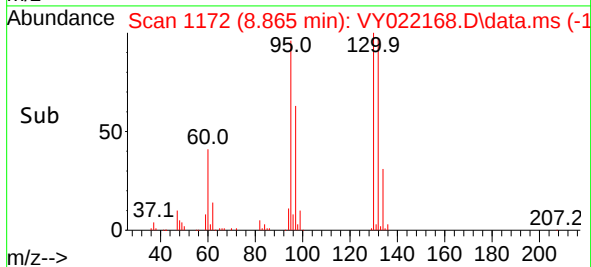
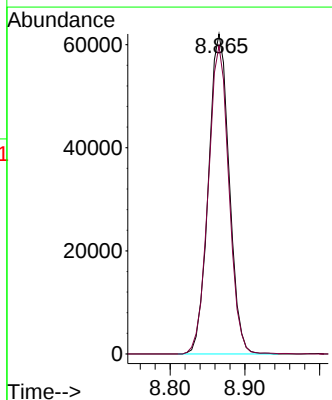
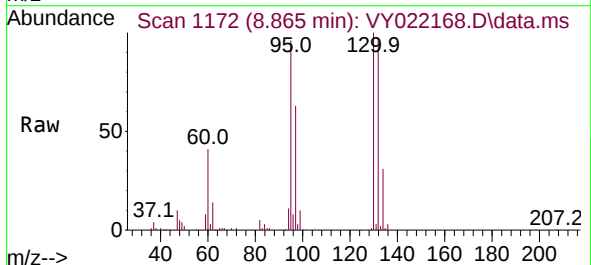
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 108934
Ion Ratio Lower Upper
43 100
61 23.4 18.9 28.3
87 16.6 13.7 20.5



#44
Trichloroethene
Concen: 45.632 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

Tgt Ion:130 Resp: 119805
Ion Ratio Lower Upper
130 100
95 96.2 0.0 183.2





#45

1,2-Dichloropropane

Concen: 50.574 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY022168.D

Acq: 05 May 2025 18:37

Instrument :

MSVOA_Y

ClientSampleId :

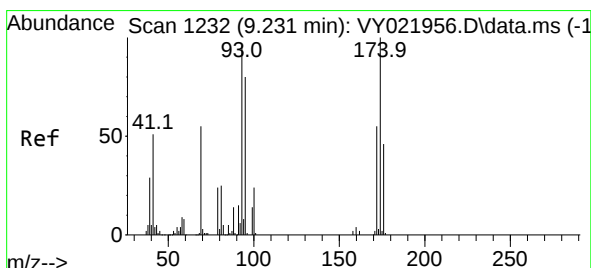
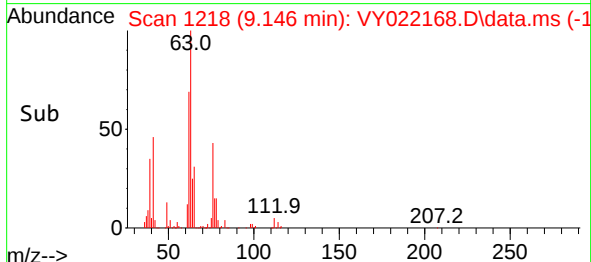
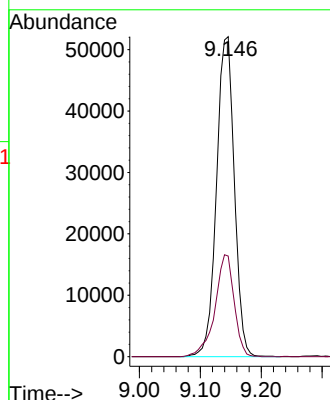
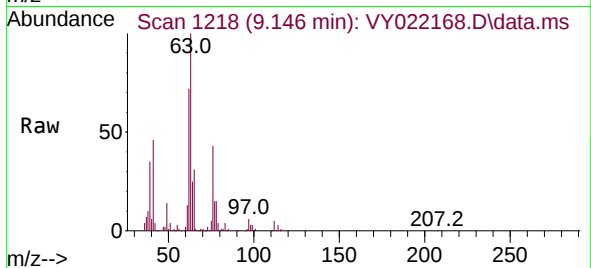
VSTDCCC050EC

Tgt Ion: 63 Resp: 106011

Ion Ratio Lower Upper

63 100

65 31.4 25.2 37.8



#46

Dibromomethane

Concen: 49.725 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022168.D

Acq: 05 May 2025 18:37

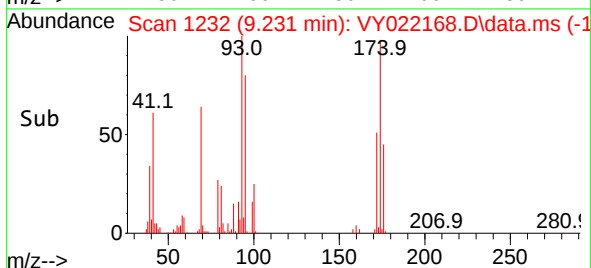
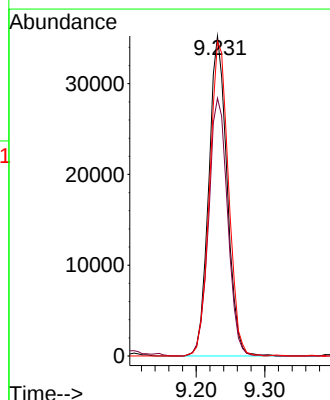
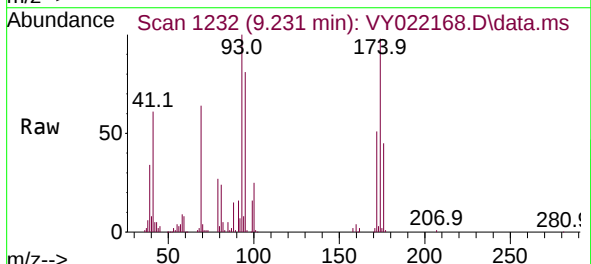
Tgt Ion: 93 Resp: 65249

Ion Ratio Lower Upper

93 100

95 83.7 66.7 100.1

174 101.4 84.6 127.0

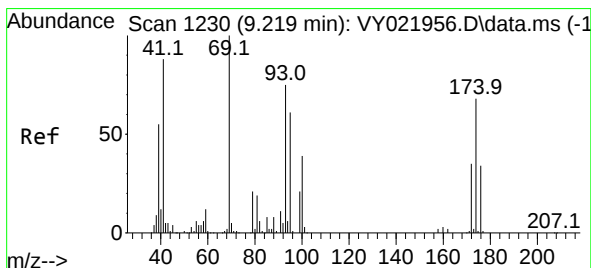
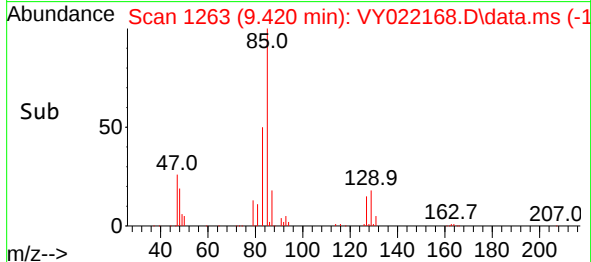
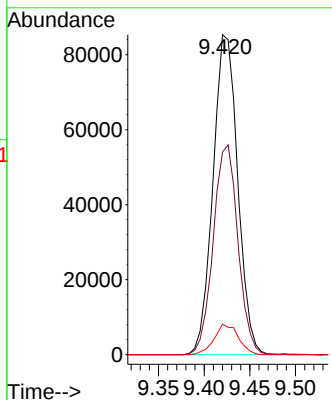
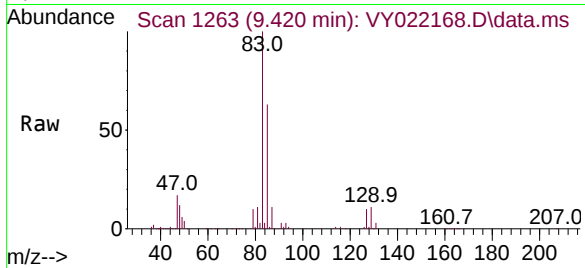




#47
Bromodichloromethane
Concen: 48.998 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

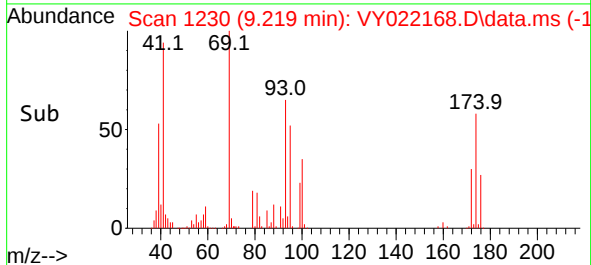
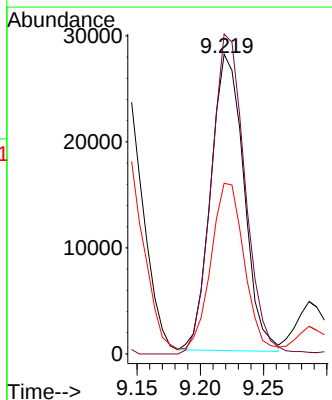
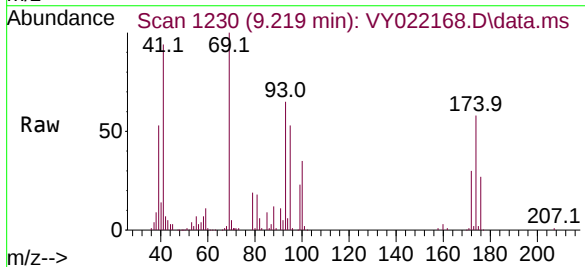
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

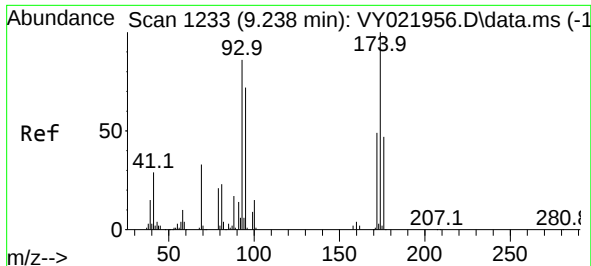
Tgt Ion: 83 Resp: 160617
Ion Ratio Lower Upper
83 100
85 63.3 51.8 77.8
127 9.5 7.0 10.6



#48
Methyl methacrylate
Concen: 52.655 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

Tgt Ion: 41 Resp: 50908
Ion Ratio Lower Upper
41 100
69 110.0 85.5 128.3
39 55.9 46.2 69.4





#49

1,4-Dioxane

Concen: 979.999 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.013 min

Lab File: VY022168.D

Acq: 05 May 2025 18:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

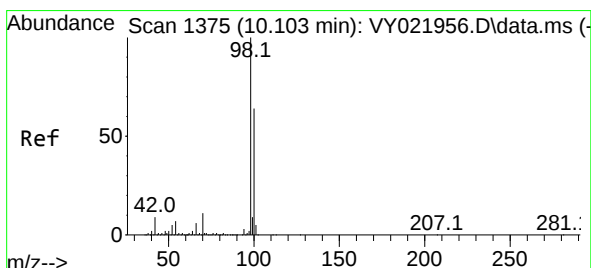
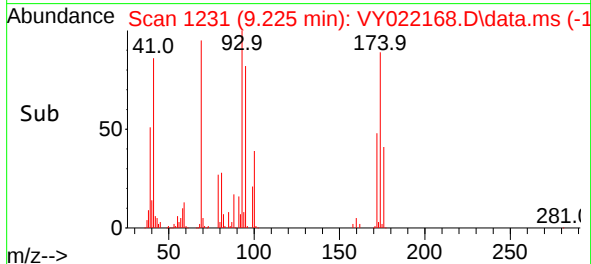
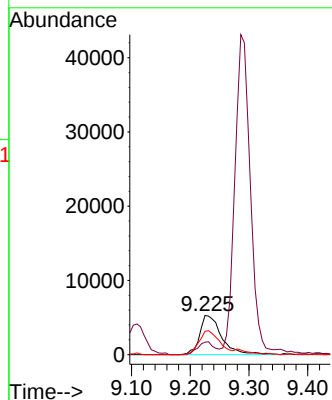
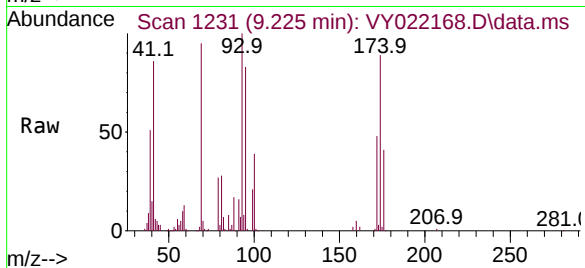
Tgt Ion: 88 Resp: 13706

Ion Ratio Lower Upper

88 100

43 25.7 21.3 31.9

58 57.6 50.5 75.7



#50

Toluene-d8

Concen: 51.841 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022168.D

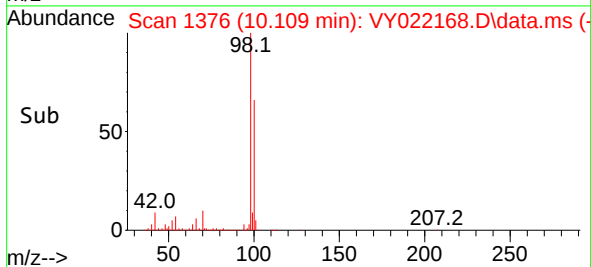
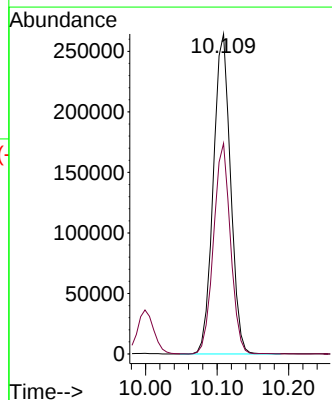
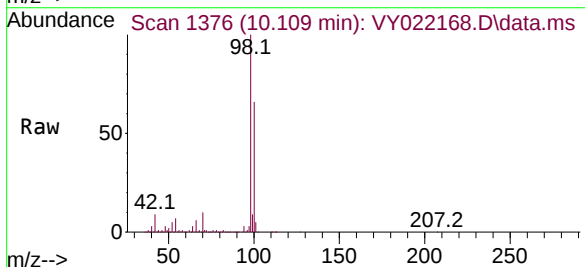
Acq: 05 May 2025 18:37

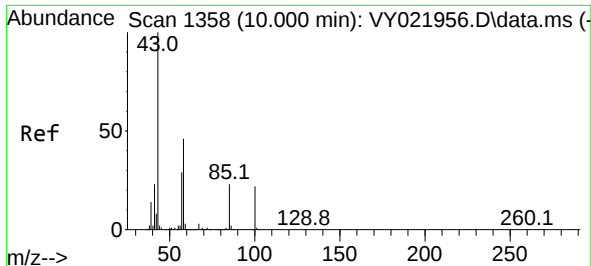
Tgt Ion: 98 Resp: 441178

Ion Ratio Lower Upper

98 100

100 64.8 51.6 77.4

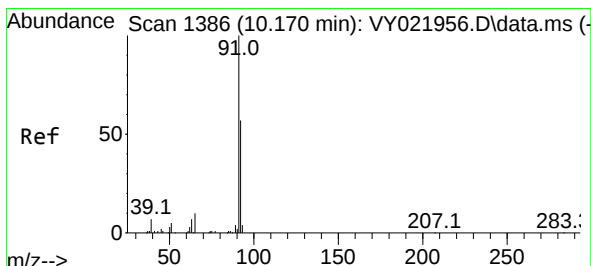
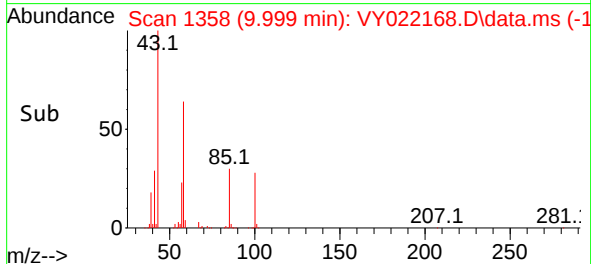
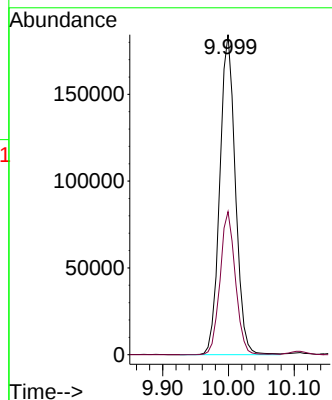
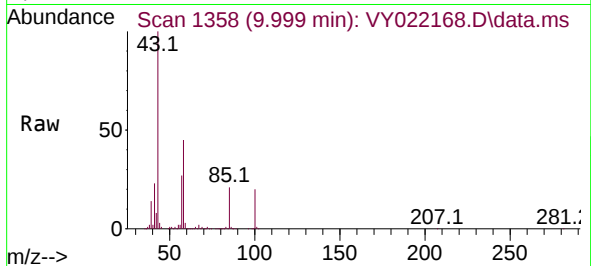




#51
4-Methyl-2-Pentanone
Concen: 277.484 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

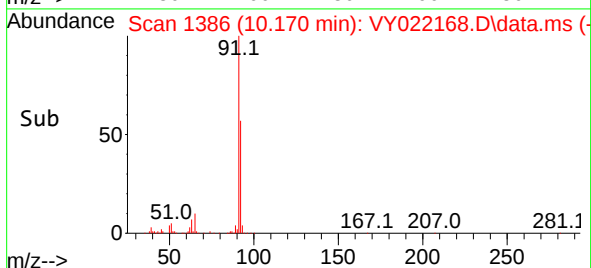
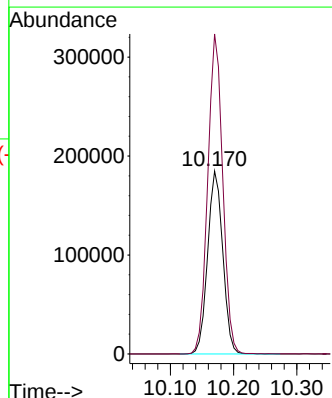
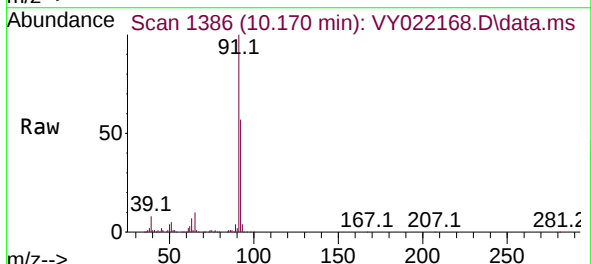
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

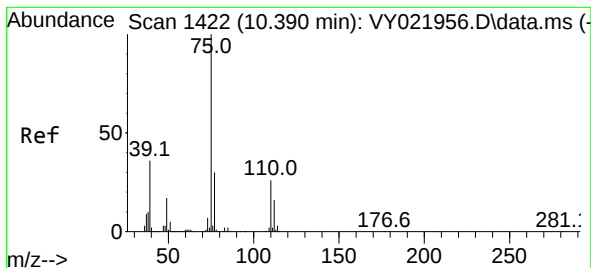
Tgt Ion: 43 Resp: 304217
Ion Ratio Lower Upper
43 100
58 44.0 36.6 55.0



#52
Toluene
Concen: 50.183 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

Tgt Ion: 92 Resp: 307906
Ion Ratio Lower Upper
92 100
91 173.3 138.6 207.8

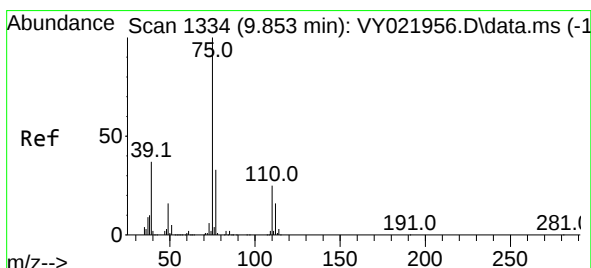
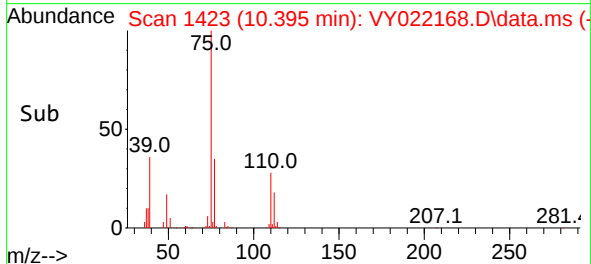
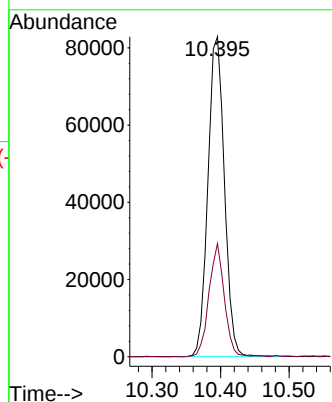
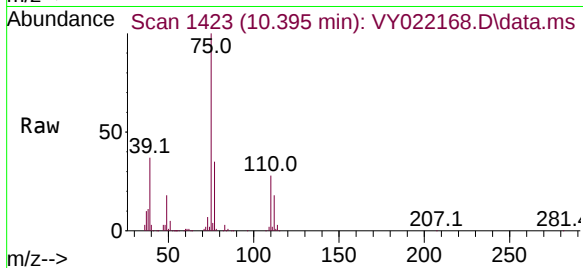




#53
 t-1,3-Dichloropropene
 Concen: 49.348 ug/l
 RT: 10.395 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022168.D
 Acq: 05 May 2025 18:37

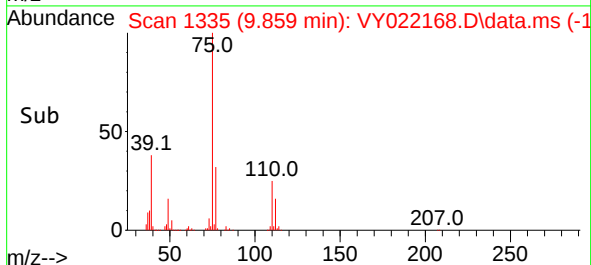
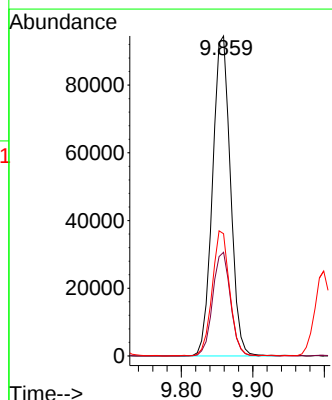
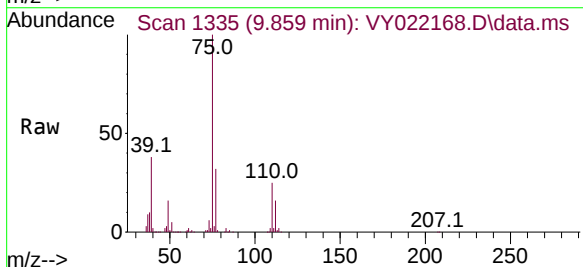
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 138752
 Ion Ratio Lower Upper
 75 100
 77 35.4 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 49.139 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY022168.D
 Acq: 05 May 2025 18:37

Tgt Ion: 75 Resp: 164239
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.6 40.0
 39 38.1 29.6 44.4

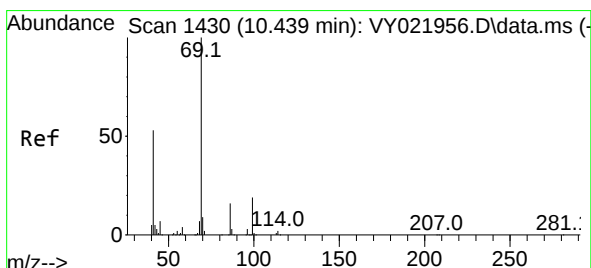
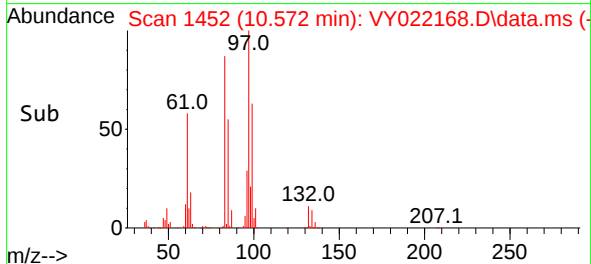
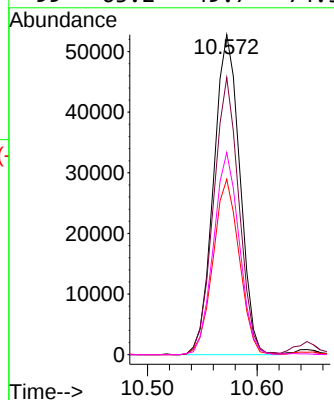
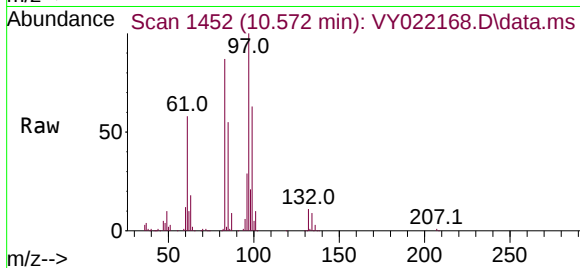




#55
1,1,2-Trichloroethane
Concen: 50.153 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

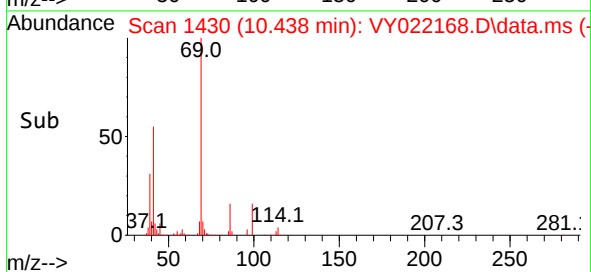
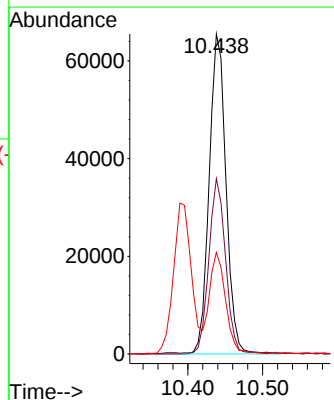
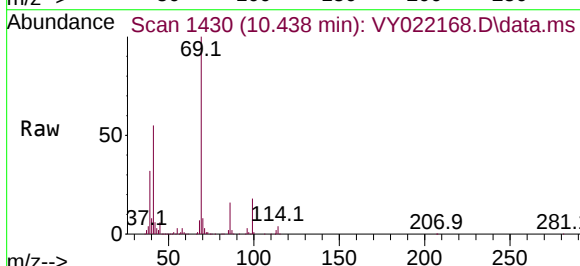
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

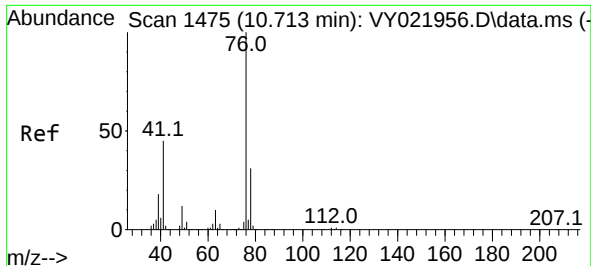
Tgt Ion:	97	Resp:	87906
Ion	Ratio	Lower	Upper
97	100		
83	86.6	66.7	100.1
85	54.8	42.6	64.0
99	63.2	49.7	74.5



#56
Ethyl methacrylate
Concen: 51.135 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

Tgt Ion:	69	Resp:	102496
Ion	Ratio	Lower	Upper
69	100		
41	54.0	40.7	61.1
39	29.8	23.3	34.9





#57

1,3-Dichloropropane

Concen: 51.247 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022168.D

Acq: 05 May 2025 18:37

Instrument :

MSVOA_Y

ClientSampleId :

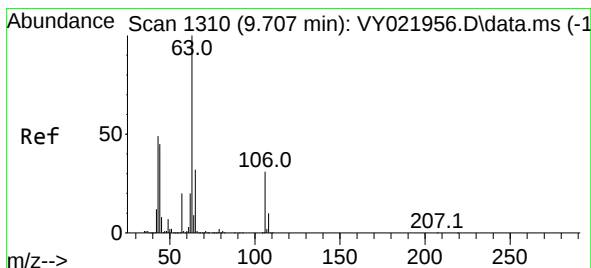
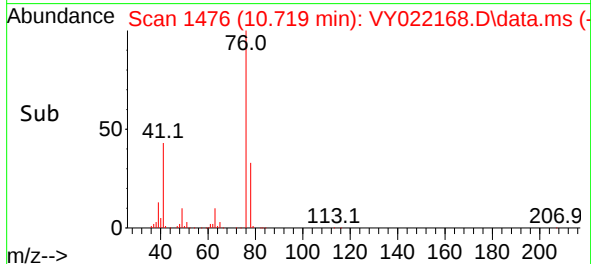
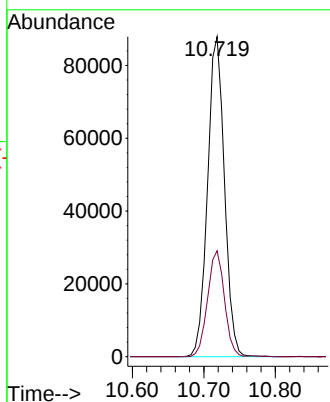
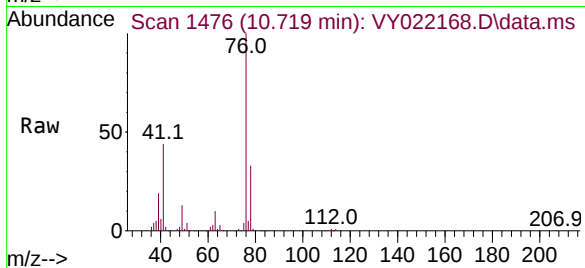
VSTDCCC050EC

Tgt Ion: 76 Resp: 144000

Ion Ratio Lower Upper

76 100

78 33.1 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 283.528 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022168.D

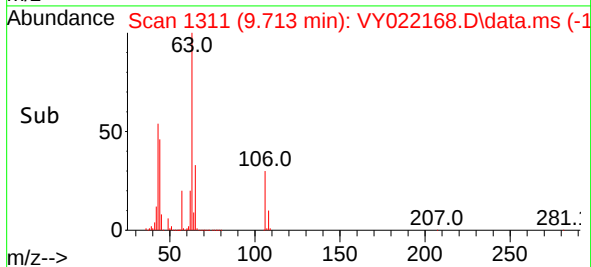
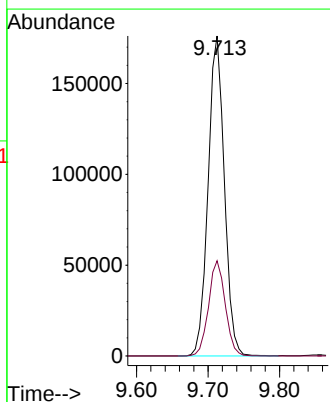
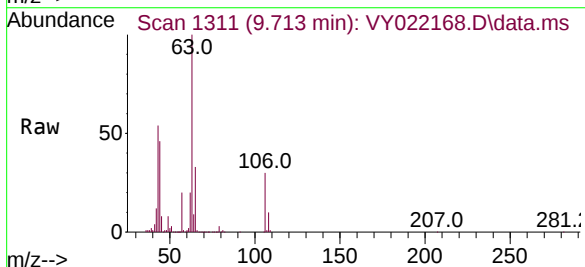
Acq: 05 May 2025 18:37

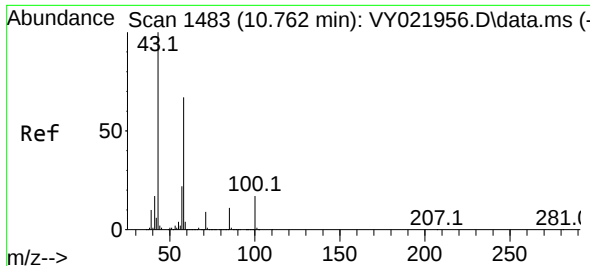
Tgt Ion: 63 Resp: 277862

Ion Ratio Lower Upper

63 100

106 30.5 25.3 37.9

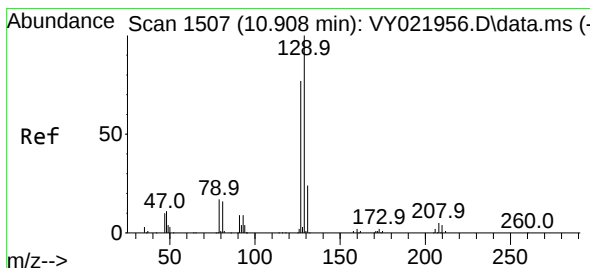
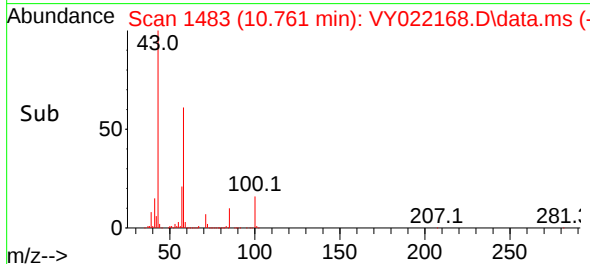
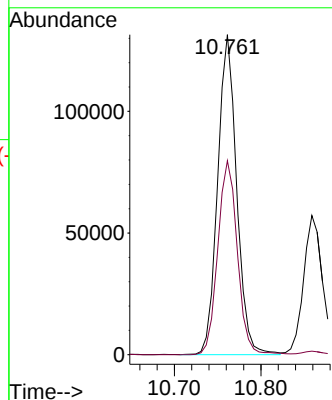
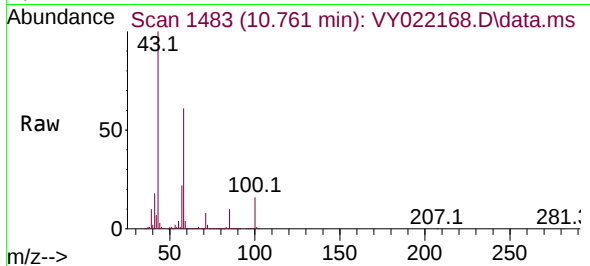




#59
2-Hexanone
Concen: 277.284 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

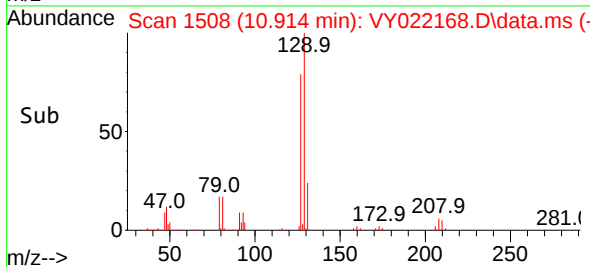
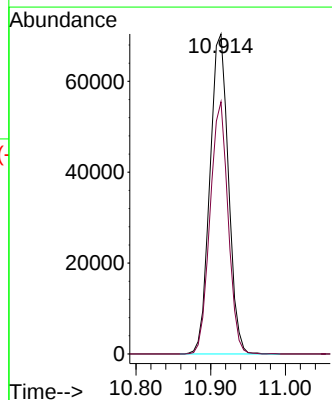
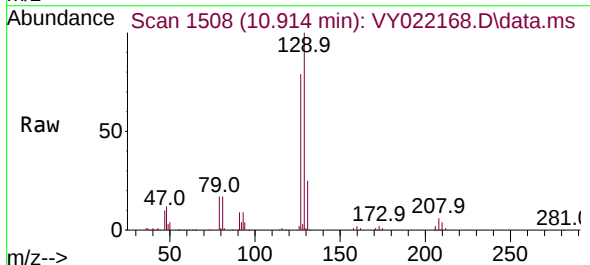
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

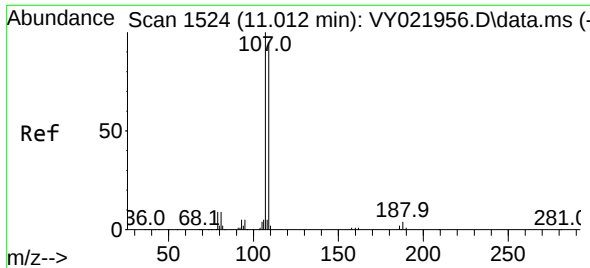
Tgt Ion: 43 Resp: 200512
Ion Ratio Lower Upper
43 100
58 62.3 32.0 96.0



#60
Dibromochloromethane
Concen: 50.002 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

Tgt Ion:129 Resp: 121340
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.3

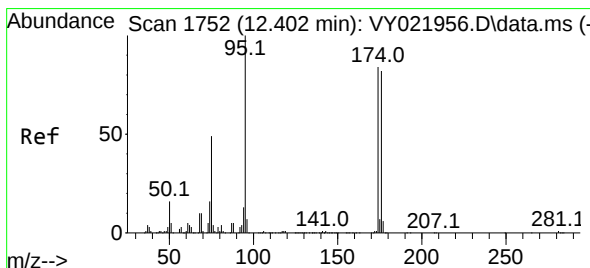
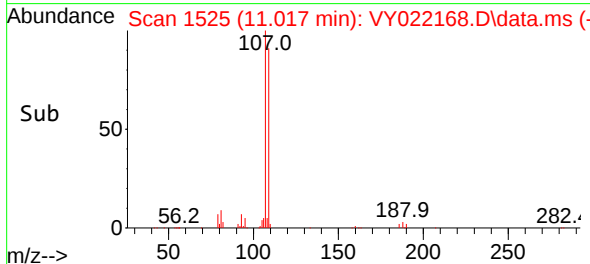
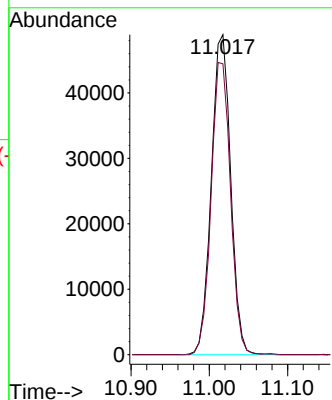
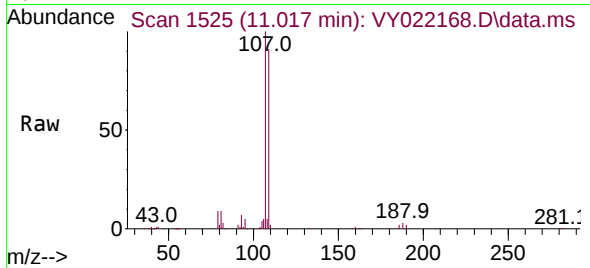




#61
1,2-Dibromoethane
Concen: 50.718 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

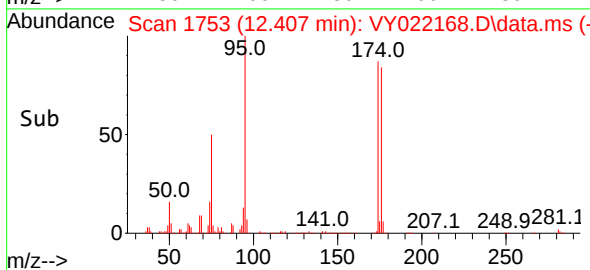
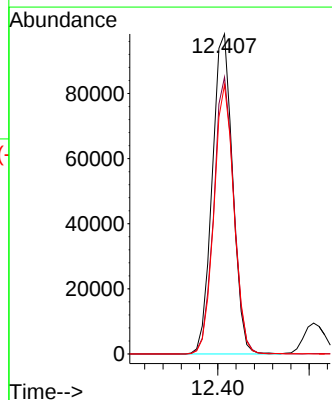
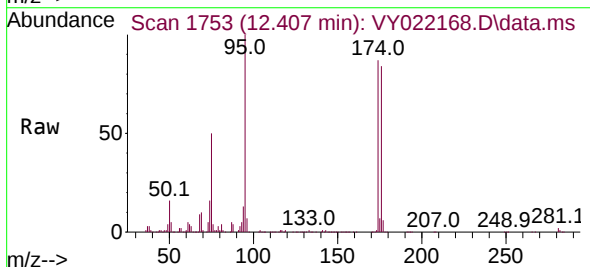
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

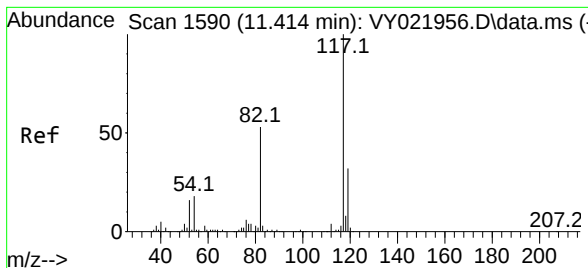
Tgt Ion:107 Resp: 83925
Ion Ratio Lower Upper
107 100
109 91.5 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 53.325 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

Tgt Ion: 95 Resp: 152772
Ion Ratio Lower Upper
95 100
174 85.1 0.0 179.0
176 82.2 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022168.D

Acq: 05 May 2025 18:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

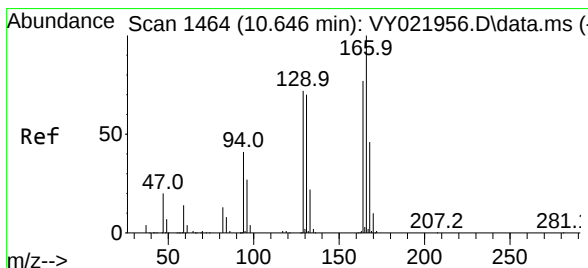
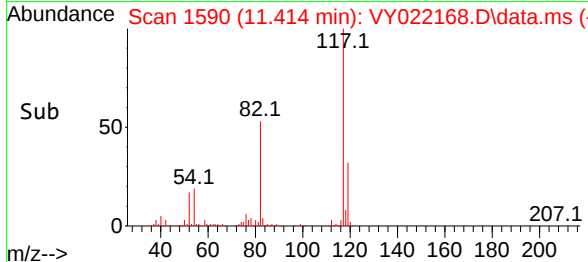
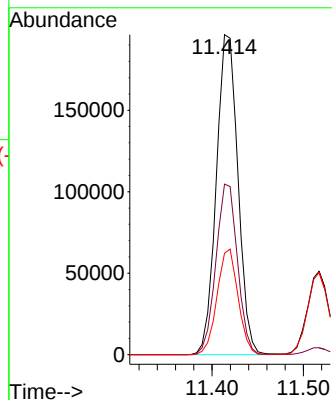
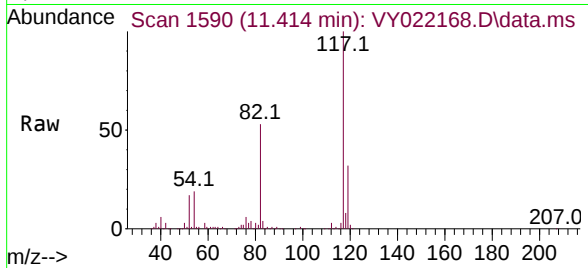
Tgt Ion:117 Resp: 323650

Ion Ratio Lower Upper

117 100

82 53.3 42.1 63.1

119 31.7 25.7 38.5



#64

Tetrachloroethene

Concen: 43.441 ug/l

RT: 10.645 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY022168.D

Acq: 05 May 2025 18:37

Tgt Ion:164 Resp: 132633

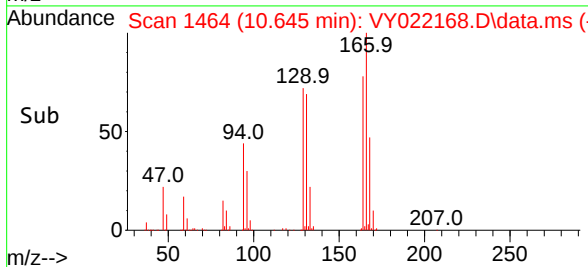
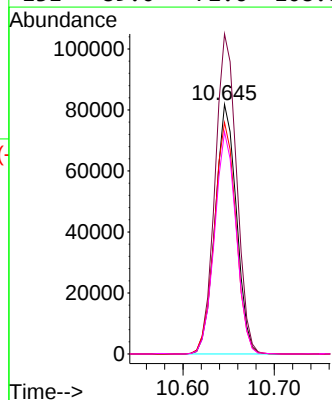
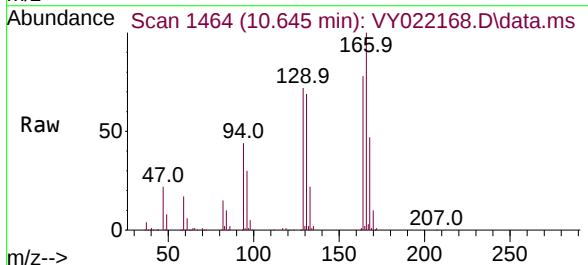
Ion Ratio Lower Upper

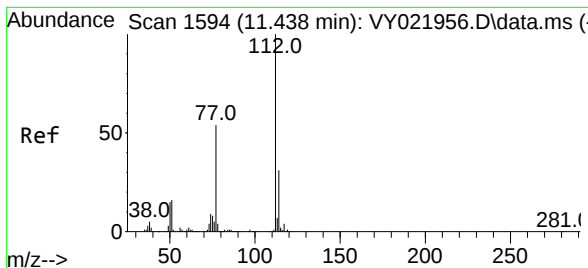
164 100

166 128.2 103.6 155.4

129 92.8 74.2 111.4

131 89.0 72.6 108.8

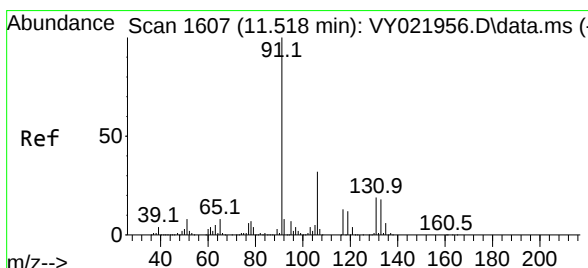
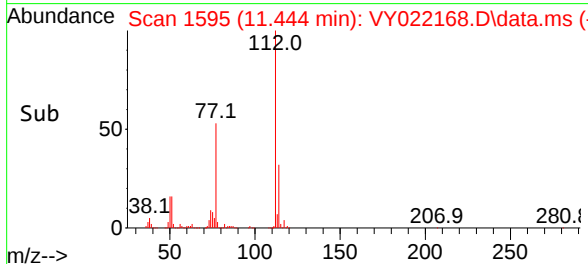
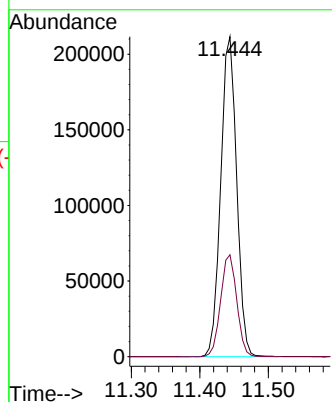
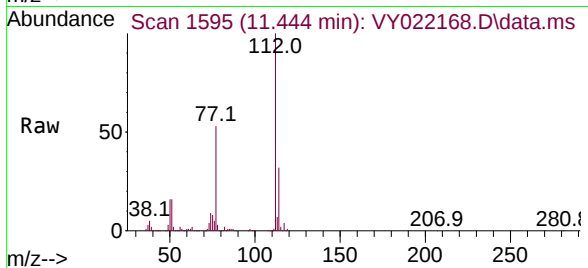




#65
Chlorobenzene
Concen: 47.013 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

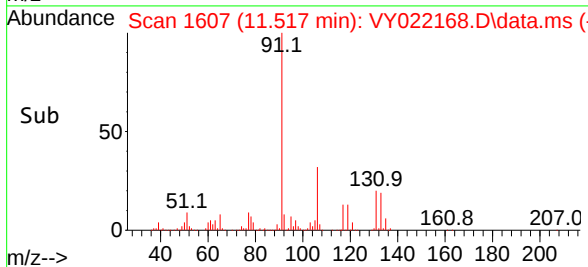
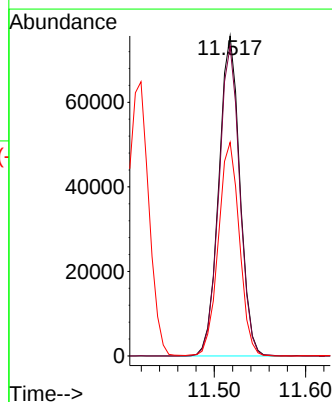
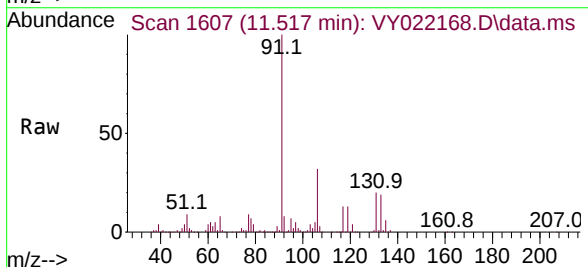
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

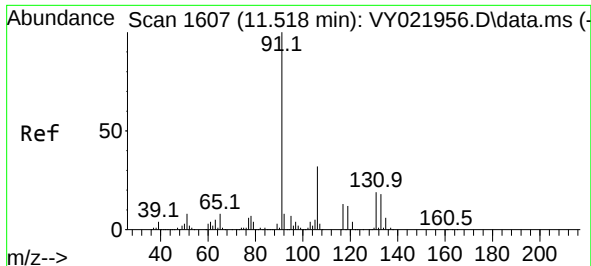
Tgt Ion:112 Resp: 340265
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 47.490 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

Tgt Ion:131 Resp: 121008
Ion Ratio Lower Upper
131 100
133 96.2 47.8 143.3
119 66.9 32.4 97.0





#67

Ethyl Benzene

Concen: 49.439 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022168.D

Acq: 05 May 2025 18:37

Instrument :

MSVOA_Y

ClientSampleId :

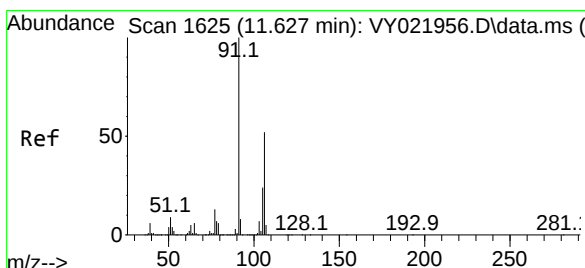
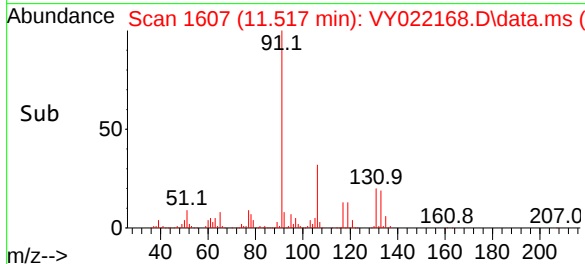
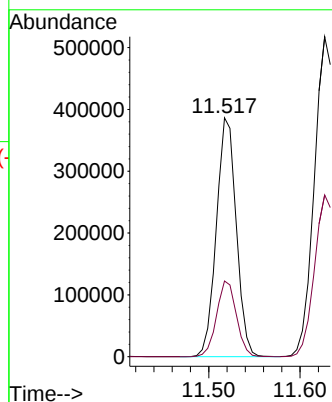
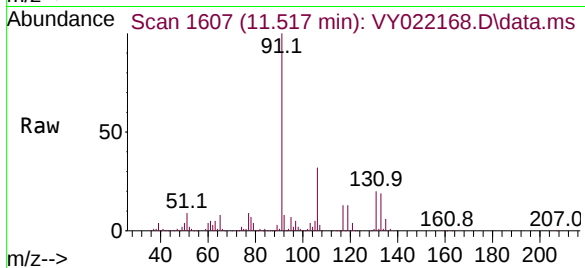
VSTDCCC050EC

Tgt Ion: 91 Resp: 585337

Ion Ratio Lower Upper

91 100

106 31.7 25.9 38.9



#68

m/p-Xylenes

Concen: 98.163 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY022168.D

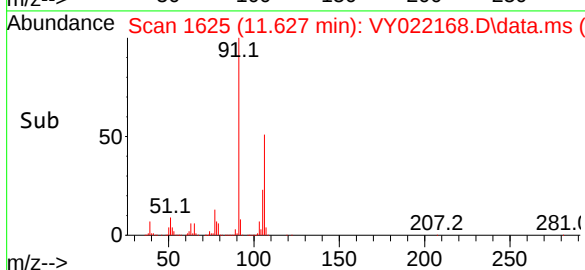
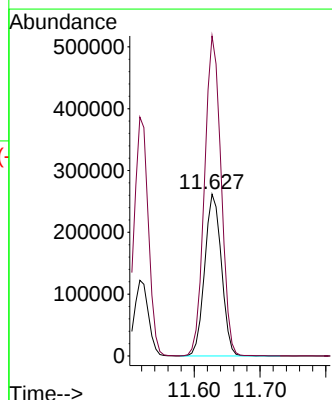
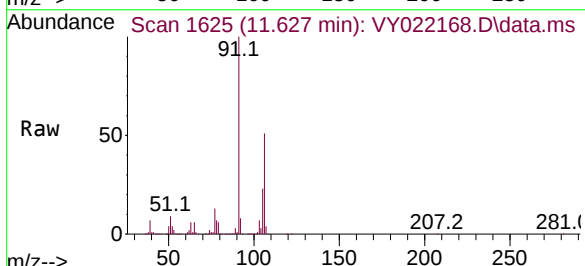
Acq: 05 May 2025 18:37

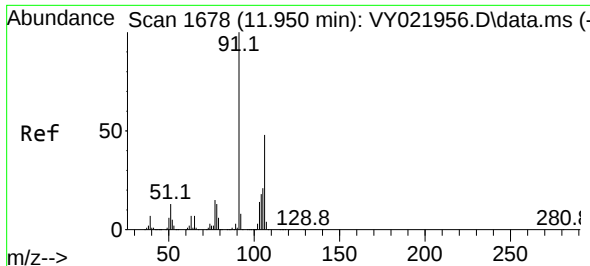
Tgt Ion:106 Resp: 462468

Ion Ratio Lower Upper

106 100

91 195.8 156.2 234.2

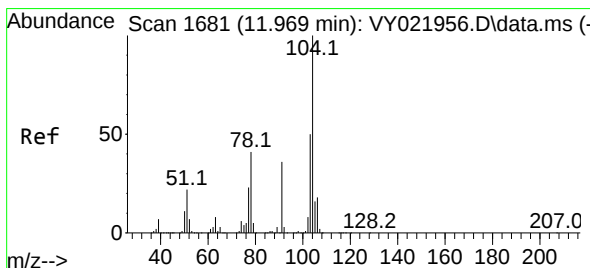
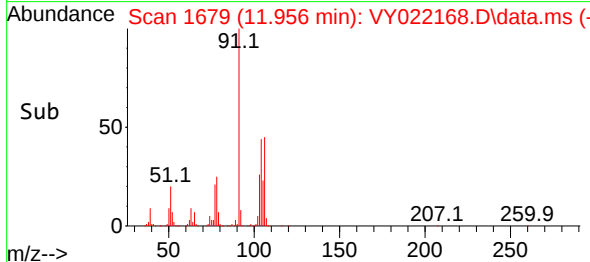
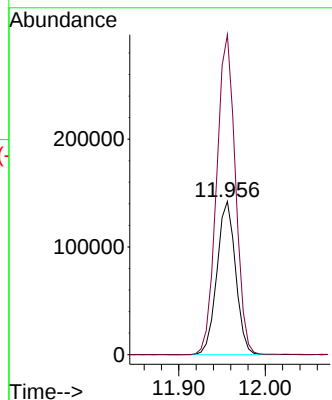
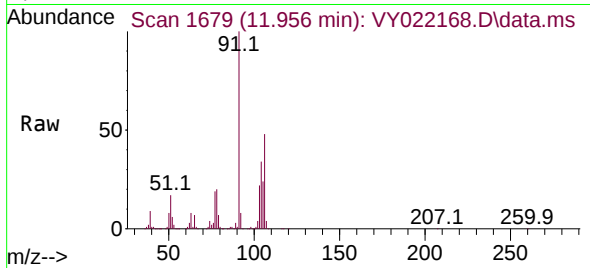




#69
o-Xylene
Concen: 49.049 ug/l
RT: 11.956 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

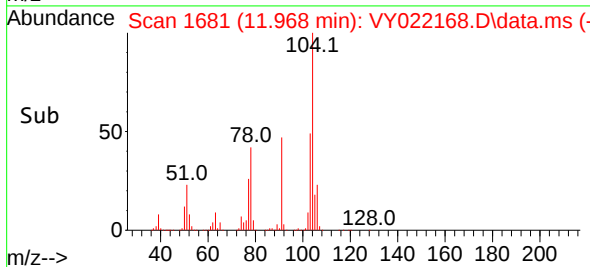
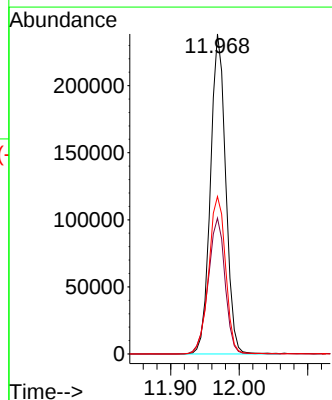
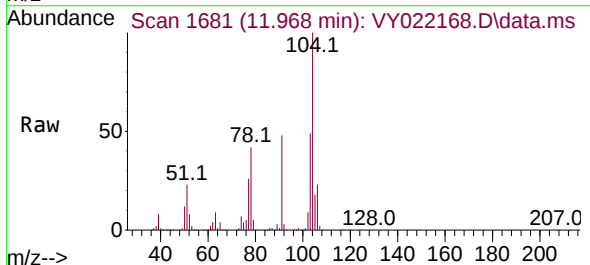
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

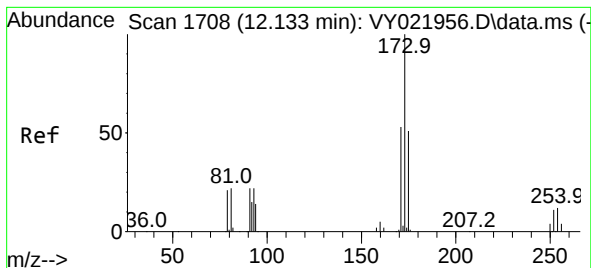
Tgt Ion:106 Resp: 212986
Ion Ratio Lower Upper
106 100
91 210.8 103.0 308.9



#70
Styrene
Concen: 50.838 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

Tgt Ion:104 Resp: 370652
Ion Ratio Lower Upper
104 100
78 46.7 36.6 54.8
103 54.2 43.8 65.8





#71

Bromoform

Concen: 48.443 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022168.D

Acq: 05 May 2025 18:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

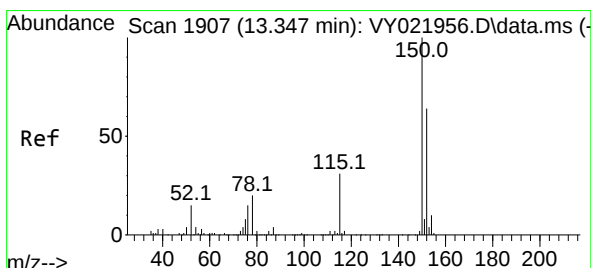
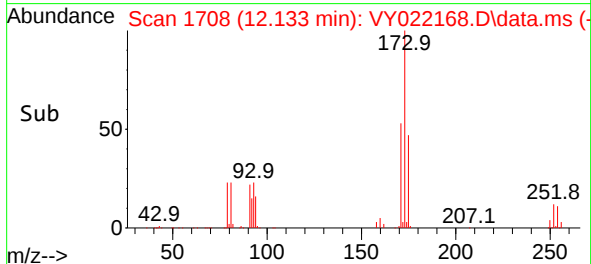
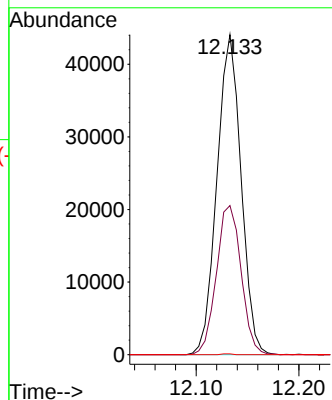
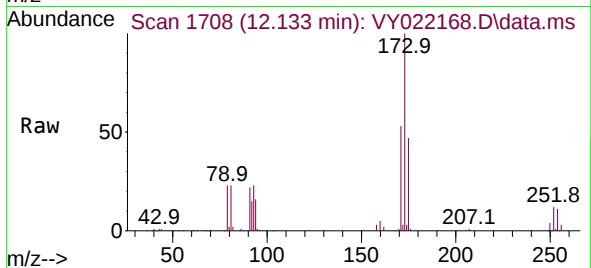
Tgt Ion:173 Resp: 71764

Ion Ratio Lower Upper

173 100

175 47.8 24.3 72.8

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022168.D

Acq: 05 May 2025 18:37

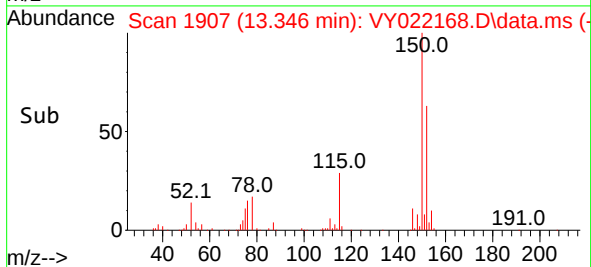
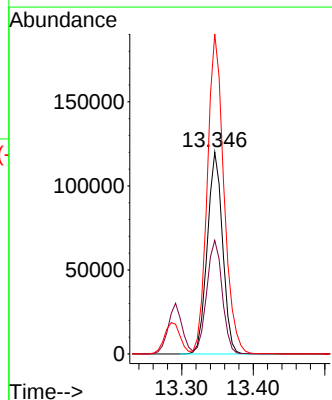
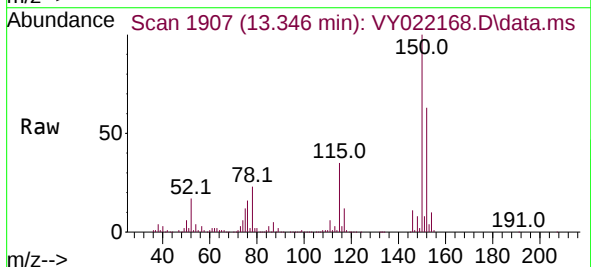
Tgt Ion:152 Resp: 178080

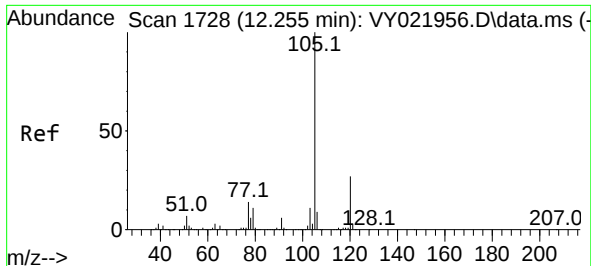
Ion Ratio Lower Upper

152 100

115 56.9 28.0 84.0

150 172.4 0.0 345.6

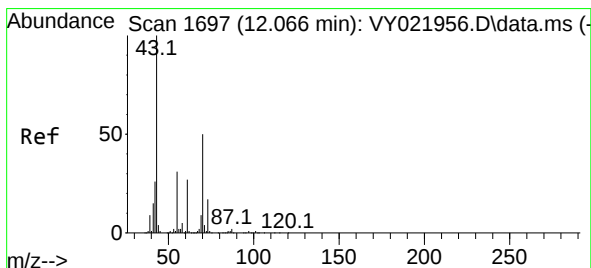
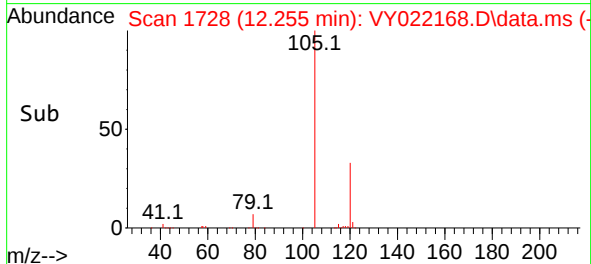
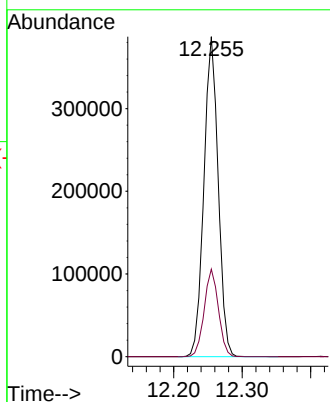
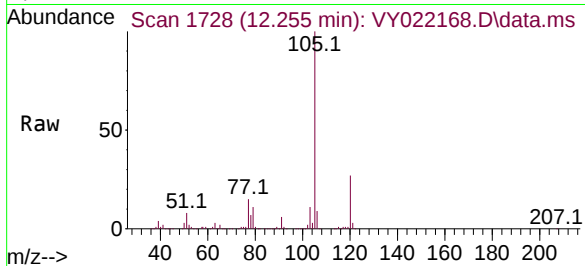




#73
Isopropylbenzene
Concen: 47.251 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

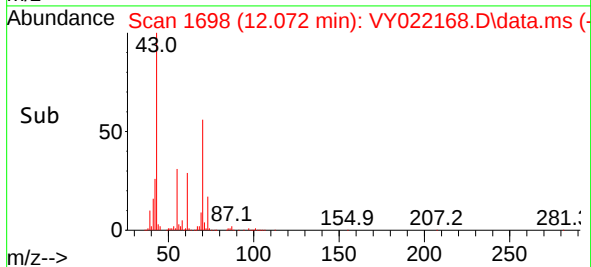
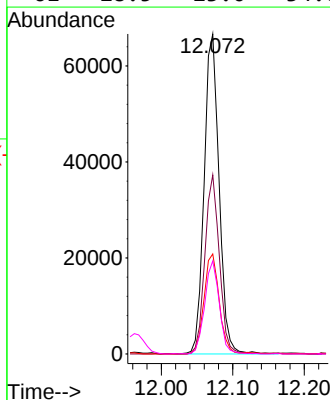
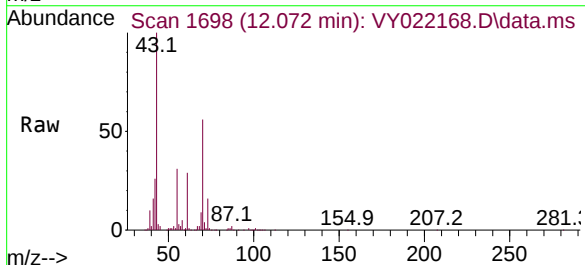
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

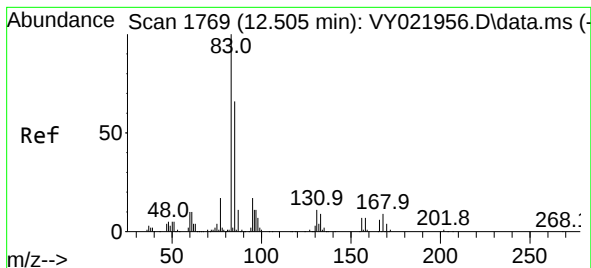
Tgt Ion:105 Resp: 562175
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.5



#74
N-ethyl acetate
Concen: 47.439 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

Tgt Ion: 43 Resp: 96972
Ion Ratio Lower Upper
43 100
70 54.1 43.2 64.8
55 31.7 25.7 38.5
61 28.5 23.0 34.6

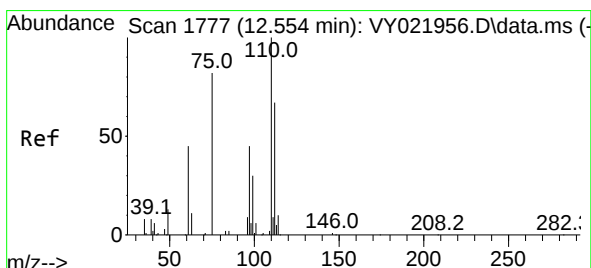
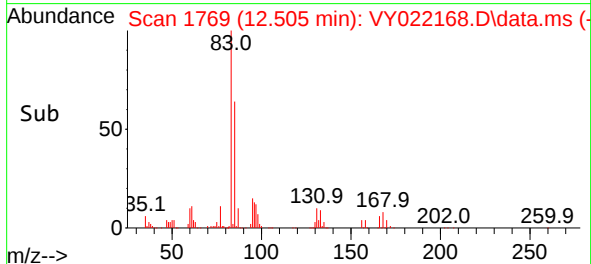
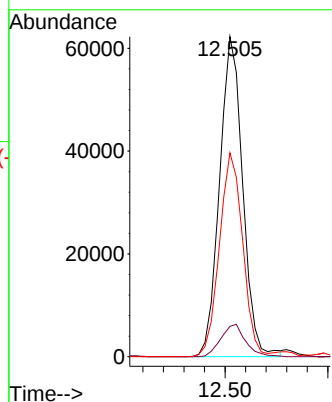
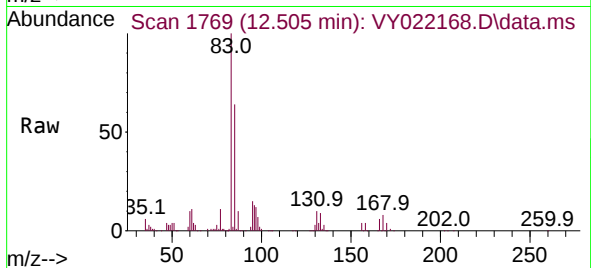




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.471 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022168.D
 Acq: 05 May 2025 18:37

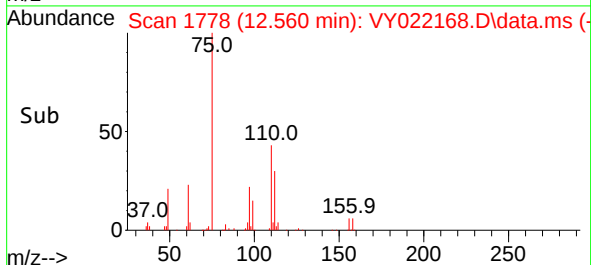
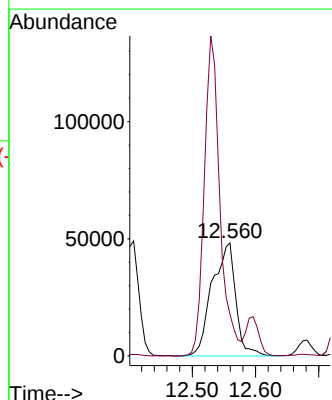
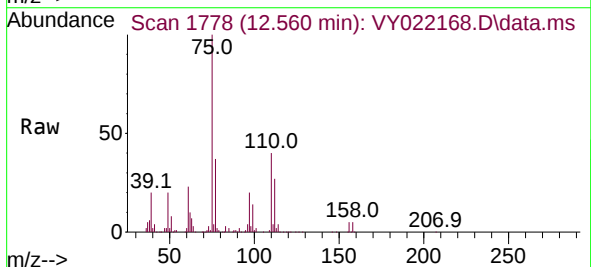
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

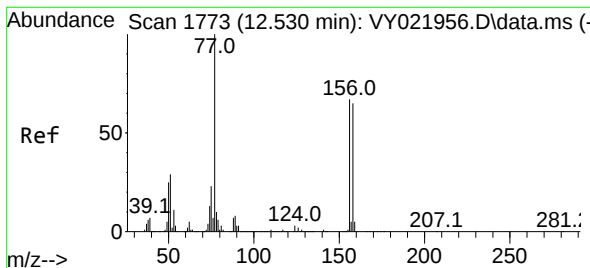
Tgt Ion: 83 Resp: 97229
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.5 16.4
 85 63.9 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 81.943 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY022168.D
 Acq: 05 May 2025 18:37

Tgt Ion: 75 Resp: 124991
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.522 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY022168.D

Acq: 05 May 2025 18:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

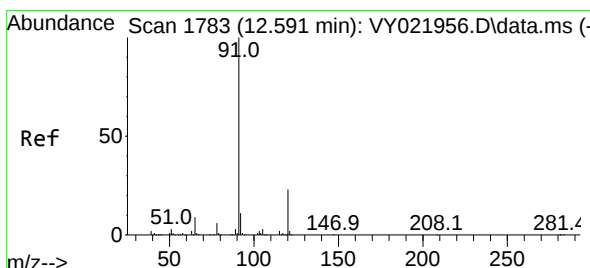
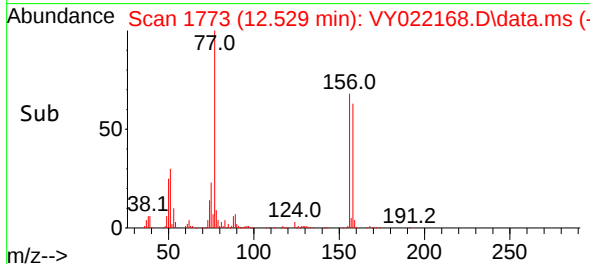
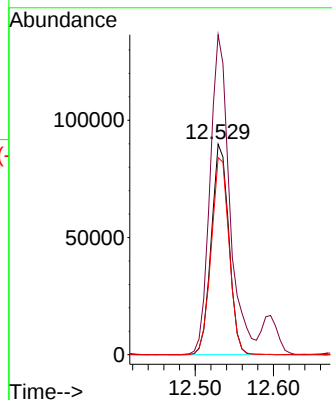
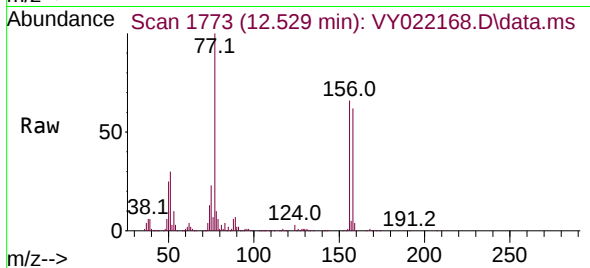
Tgt Ion:156 Resp: 139863

Ion Ratio Lower Upper

156 100

77 170.1 82.7 248.1

158 95.2 48.1 144.4



#78

n-propylbenzene

Concen: 47.320 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY022168.D

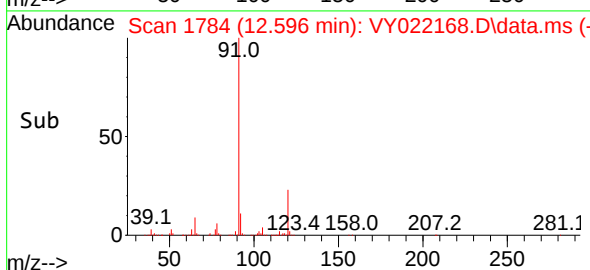
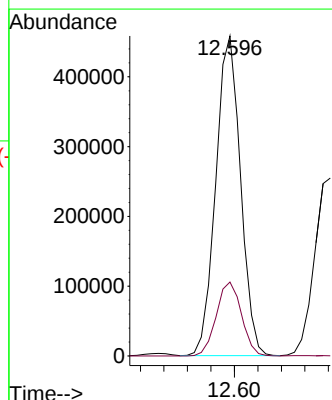
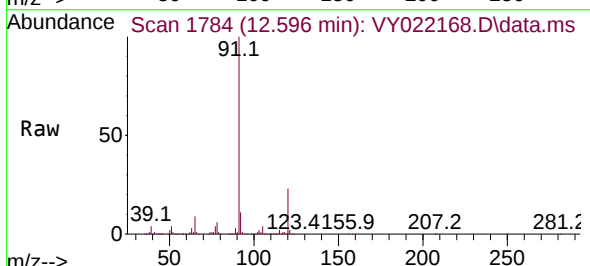
Acq: 05 May 2025 18:37

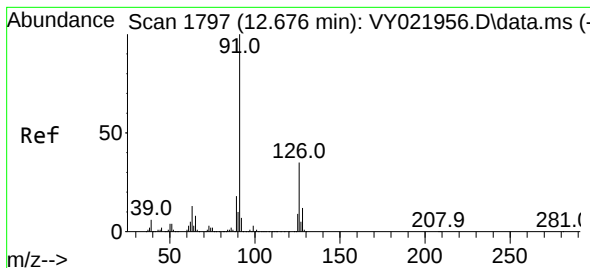
Tgt Ion: 91 Resp: 670469

Ion Ratio Lower Upper

91 100

120 23.5 11.9 35.5

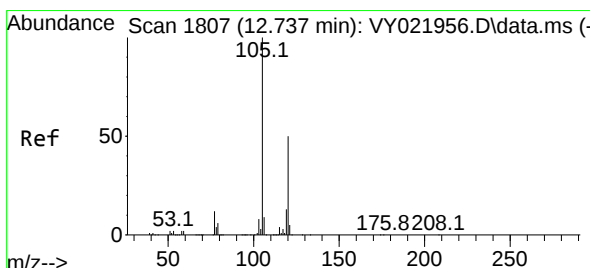
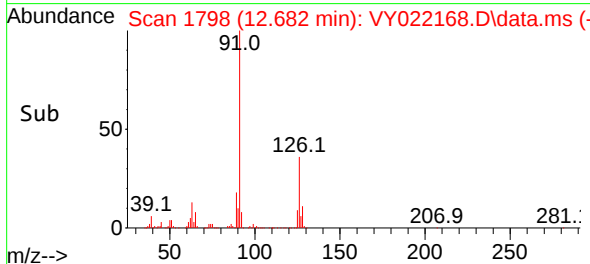
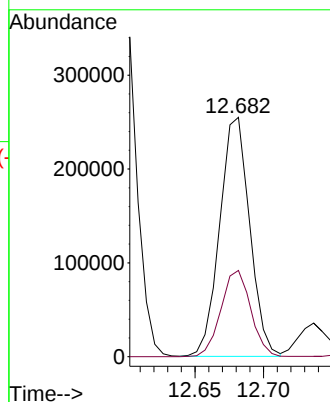
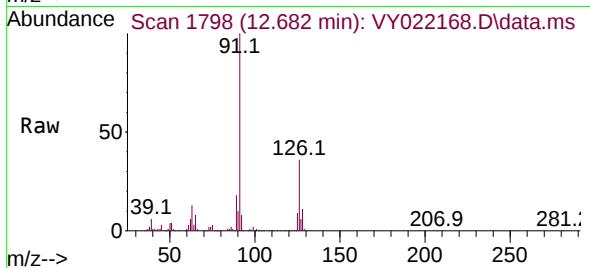




#79
2-Chlorotoluene
Concen: 47.124 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

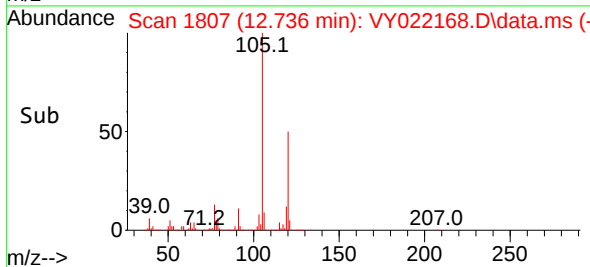
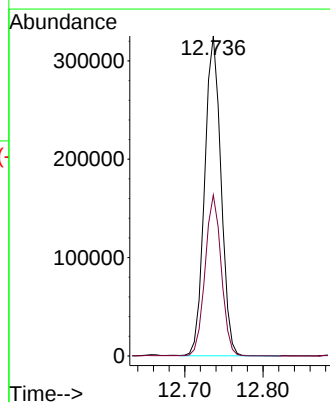
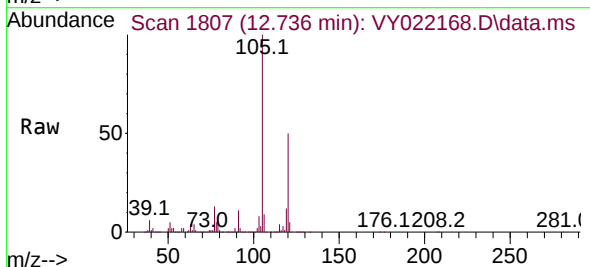
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

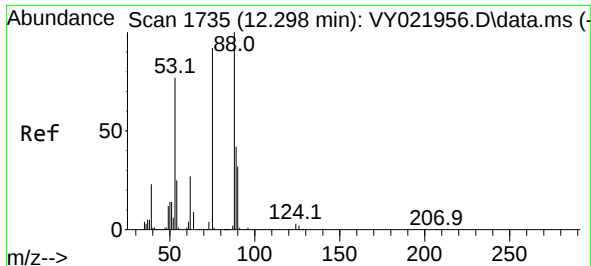
Tgt Ion: 91 Resp: 388305
Ion Ratio Lower Upper
91 100
126 35.8 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 47.991 ug/l
RT: 12.736 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

Tgt Ion: 105 Resp: 470455
Ion Ratio Lower Upper
105 100
120 49.6 25.0 75.0

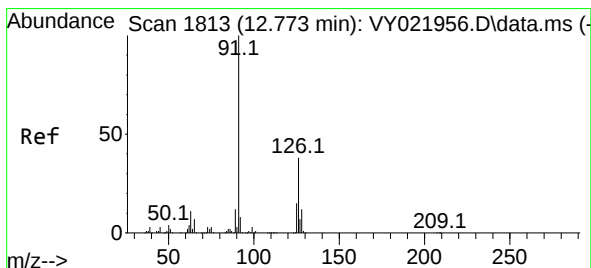
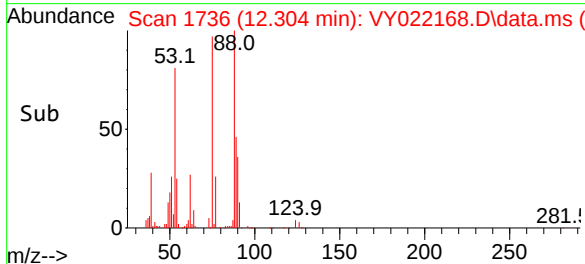
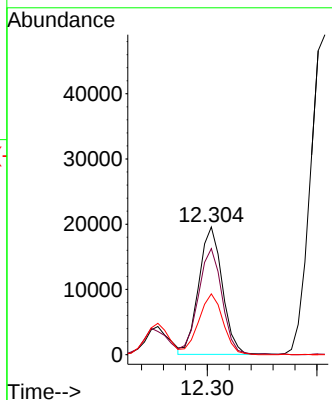
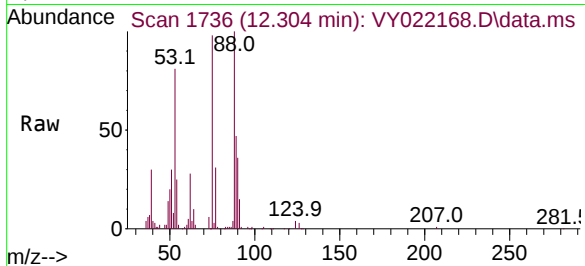




#81
trans-1,4-Dichloro-2-butene
Concen: 45.975 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

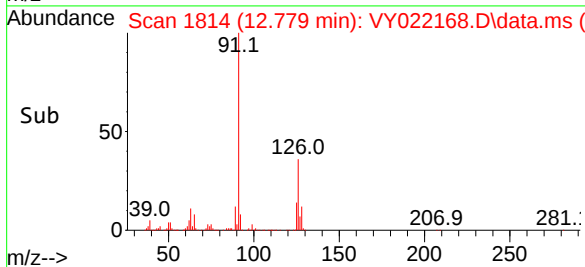
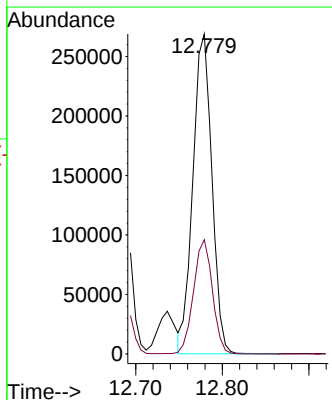
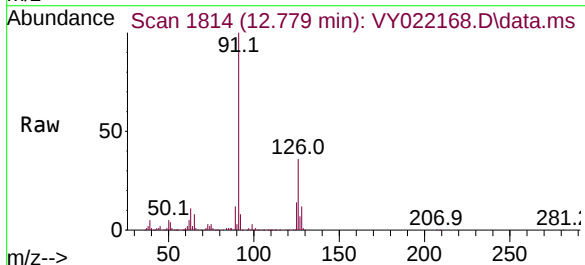
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

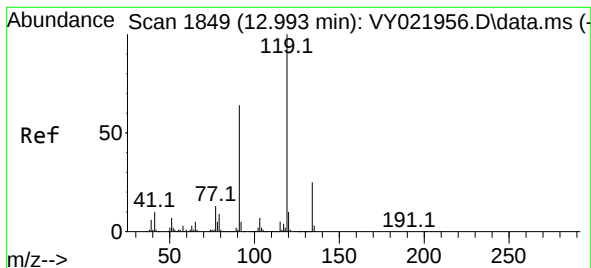
Tgt Ion: 75 Resp: 29121
Ion Ratio Lower Upper
75 100
53 83.1 66.0 99.0
89 49.7 37.2 55.8



#82
4-Chlorotoluene
Concen: 47.817 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

Tgt Ion: 91 Resp: 409587
Ion Ratio Lower Upper
91 100
126 35.6 17.9 53.8

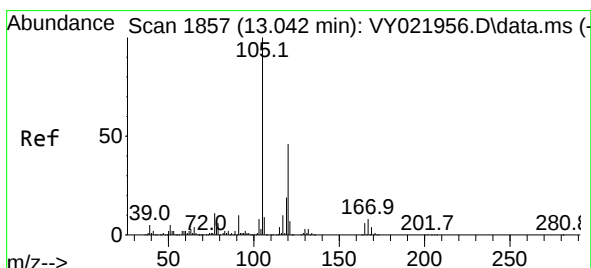
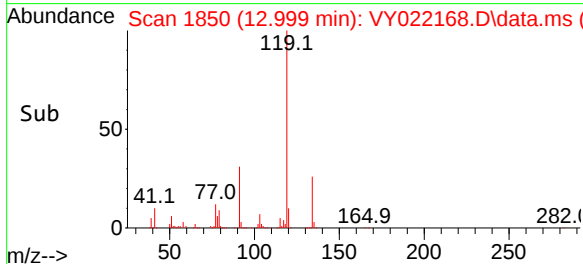
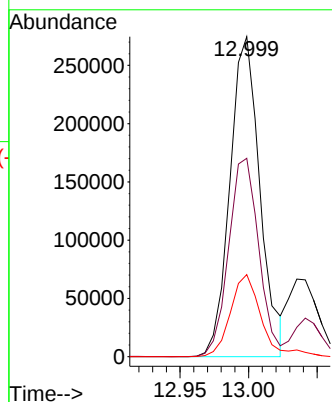
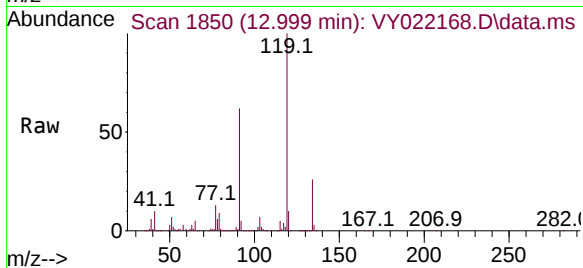




#83
tert-Butylbenzene
Concen: 47.656 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

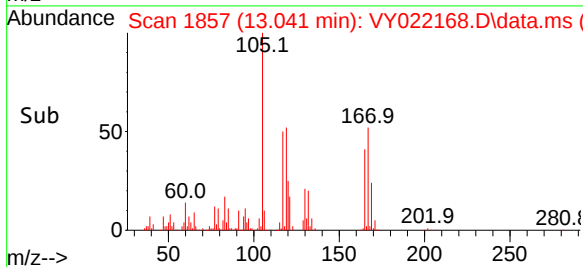
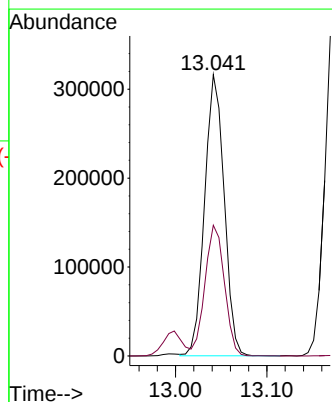
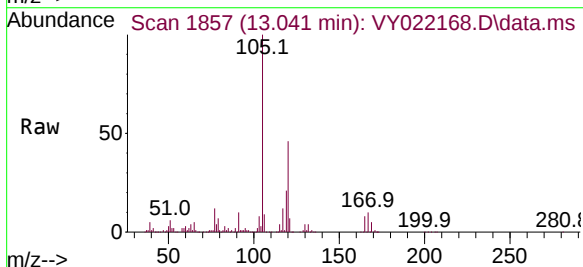
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

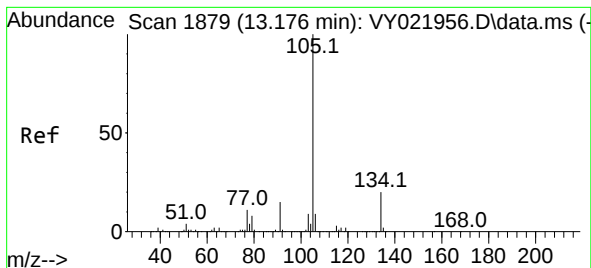
Tgt Ion:119 Resp: 418984
Ion Ratio Lower Upper
119 100
91 62.3 30.3 90.9
134 26.4 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 47.823 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

Tgt Ion:105 Resp: 468919
Ion Ratio Lower Upper
105 100
120 46.2 23.4 70.0





#85

sec-Butylbenzene

Concen: 47.812 ug/l

RT: 13.175 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022168.D

Acq: 05 May 2025 18:37

Instrument :

MSVOA_Y

ClientSampleId :

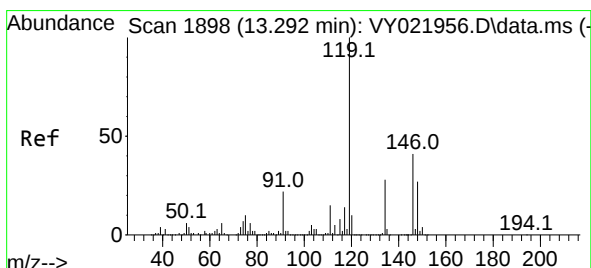
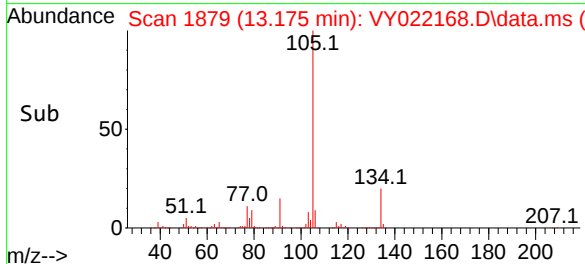
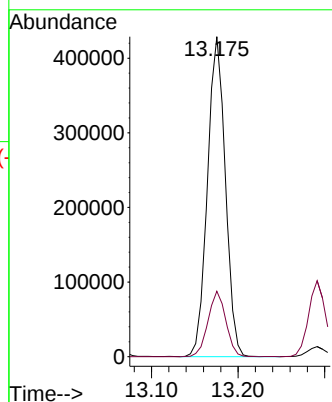
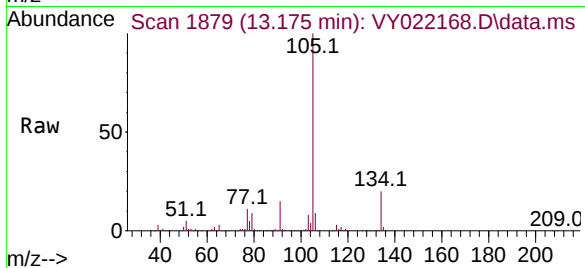
VSTDCCC050EC

Tgt Ion:105 Resp: 615110

Ion Ratio Lower Upper

105 100

134 20.4 10.3 30.9



#86

p-Isopropyltoluene

Concen: 47.462 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022168.D

Acq: 05 May 2025 18:37

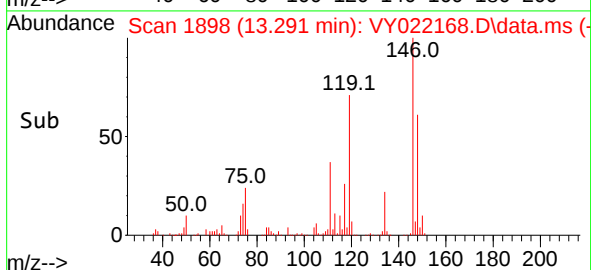
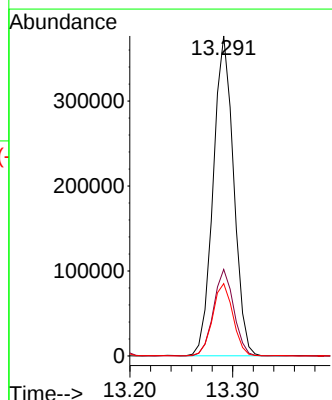
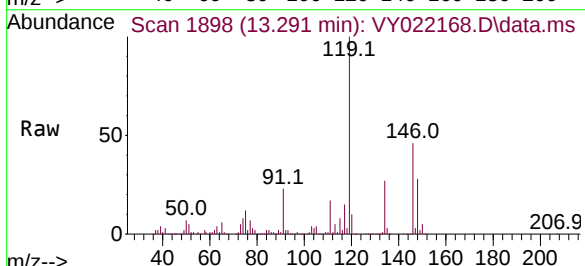
Tgt Ion:119 Resp: 518498

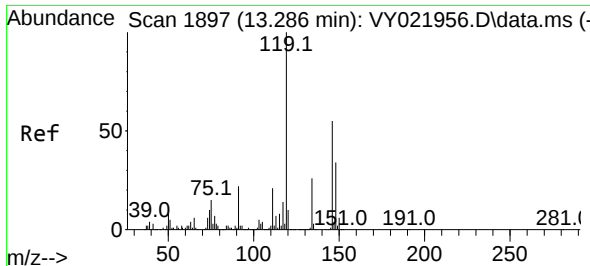
Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.7

91 22.6 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 45.473 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY022168.D

Acq: 05 May 2025 18:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

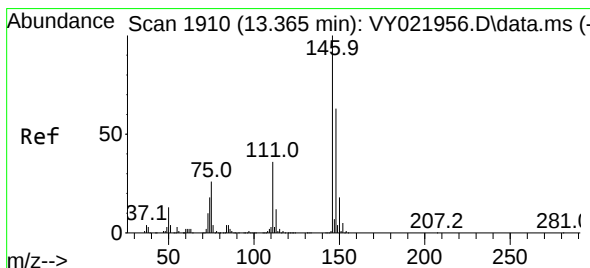
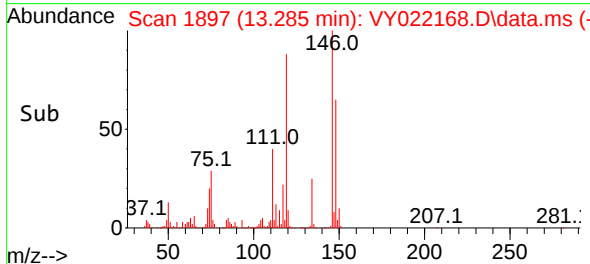
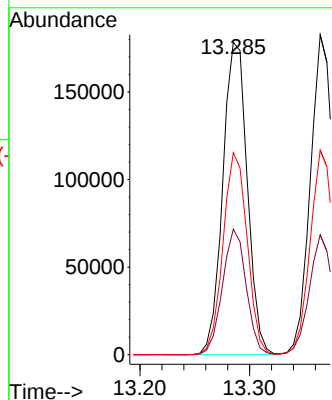
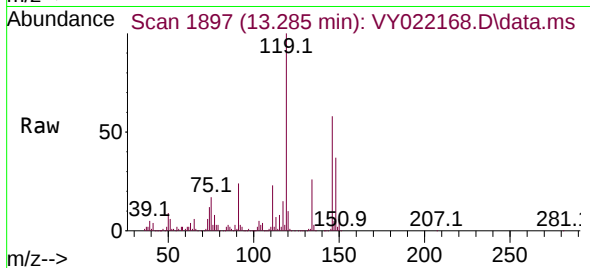
Tgt Ion:146 Resp: 277657

Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.5

148 63.6 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 45.233 ug/l

RT: 13.364 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY022168.D

Acq: 05 May 2025 18:37

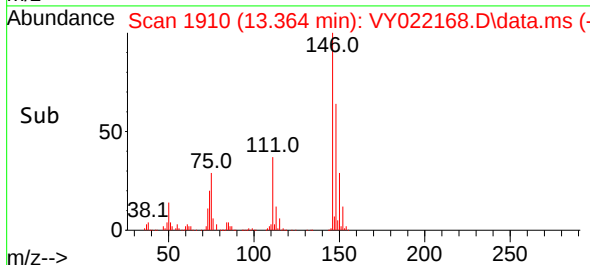
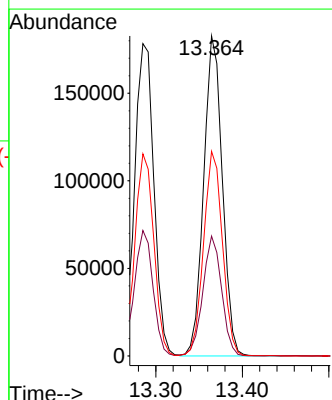
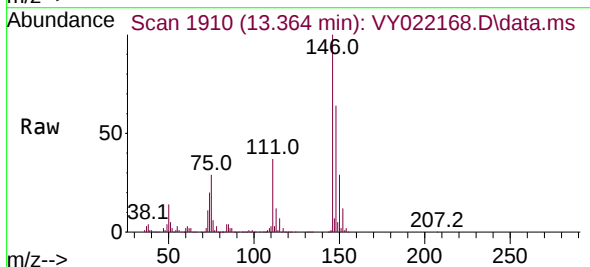
Tgt Ion:146 Resp: 273541

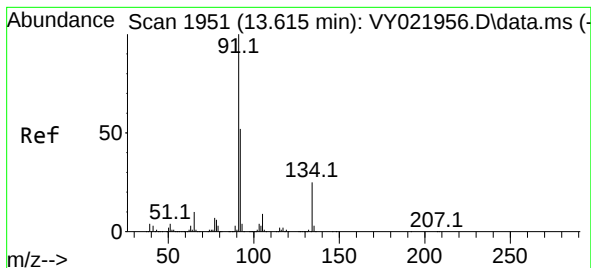
Ion Ratio Lower Upper

146 100

111 37.6 19.2 57.6

148 64.7 32.0 96.0





#89

n-Butylbenzene

Concen: 47.103 ug/l

RT: 13.614 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY022168.D

Acq: 05 May 2025 18:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

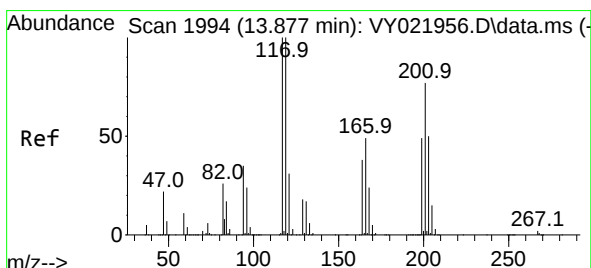
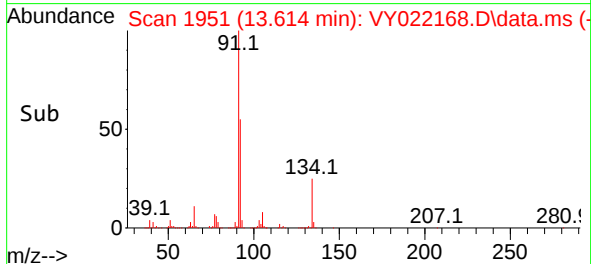
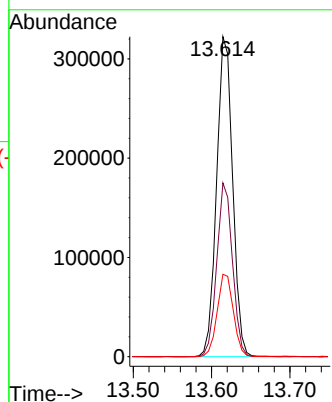
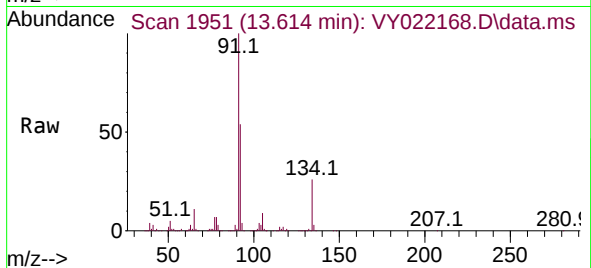
Tgt Ion: 91 Resp: 459947

Ion Ratio Lower Upper

91 100

92 53.1 26.5 79.5

134 26.0 13.4 40.1



#90

Hexachloroethane

Concen: 46.068 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY022168.D

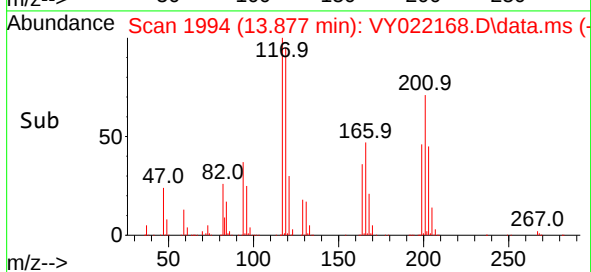
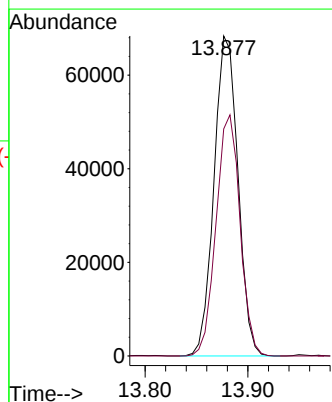
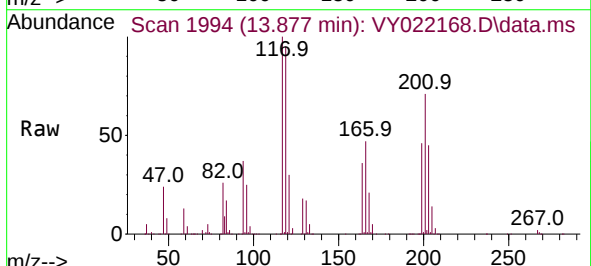
Acq: 05 May 2025 18:37

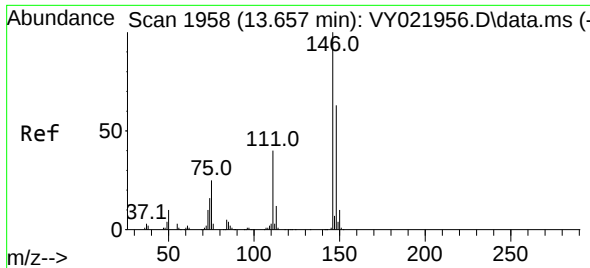
Tgt Ion: 117 Resp: 110572

Ion Ratio Lower Upper

117 100

201 75.4 38.7 116.1

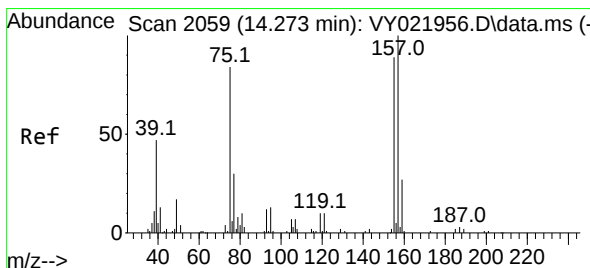
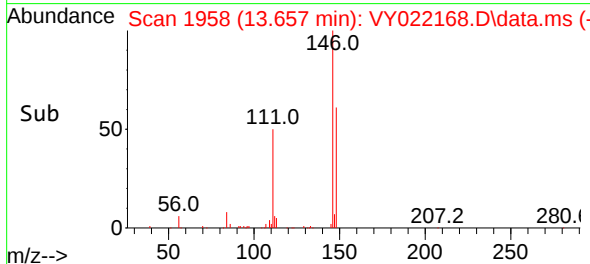
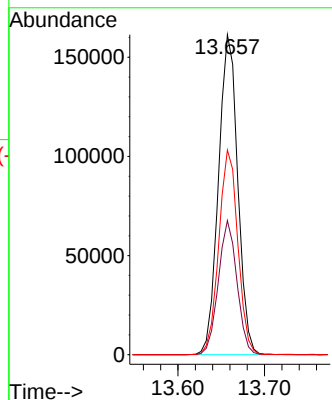
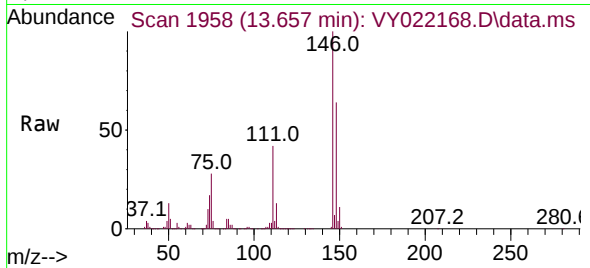




#91
 1,2-Dichlorobenzene
 Concen: 46.803 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY022168.D
 Acq: 05 May 2025 18:37

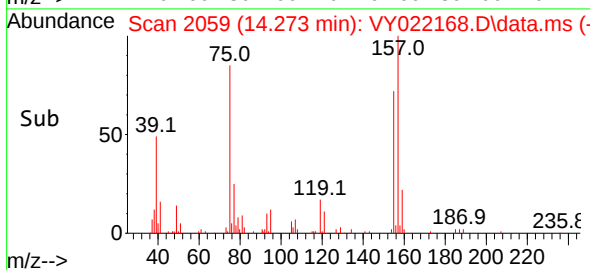
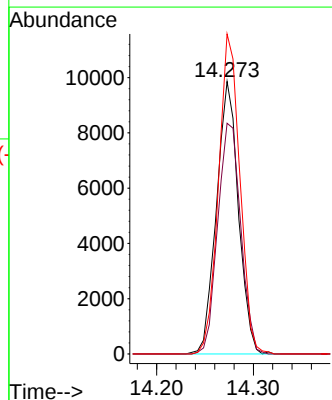
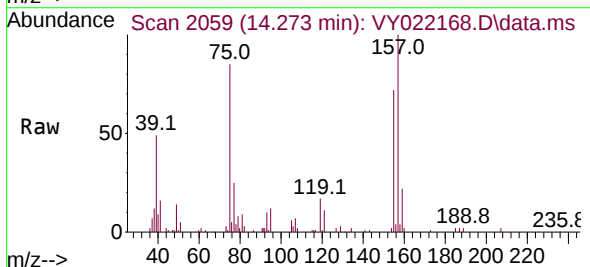
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

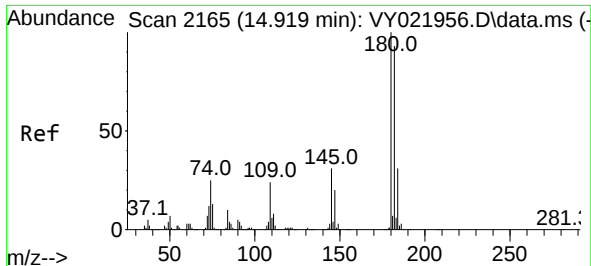
Tgt Ion:146 Resp: 249255
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.7 59.1
 148 63.3 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.506 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY022168.D
 Acq: 05 May 2025 18:37

Tgt Ion: 75 Resp: 15480
 Ion Ratio Lower Upper
 75 100
 155 88.7 50.7 152.3
 157 114.2 62.6 187.8

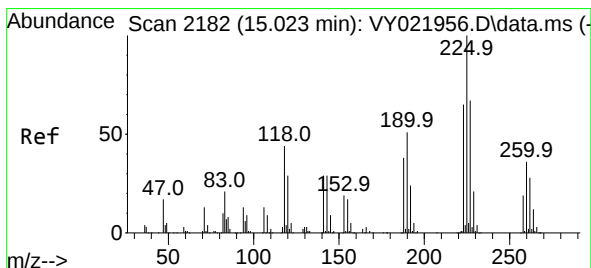
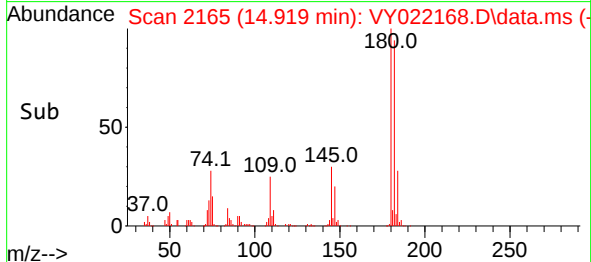
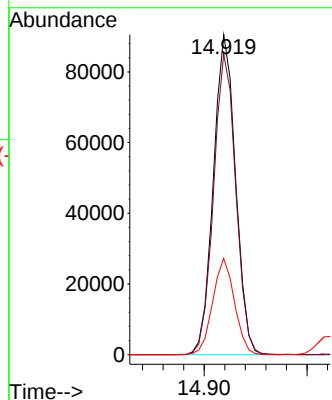
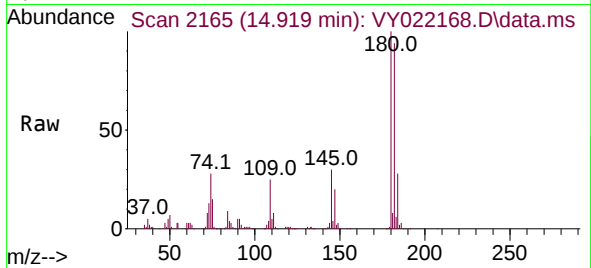




#93
1,2,4-Trichlorobenzene
Concen: 44.918 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

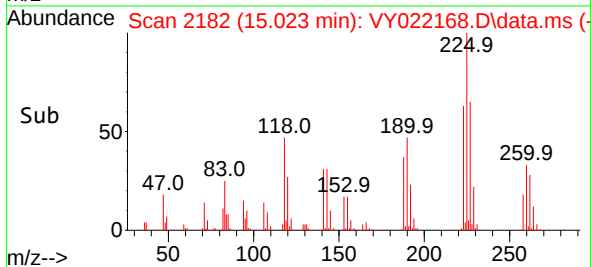
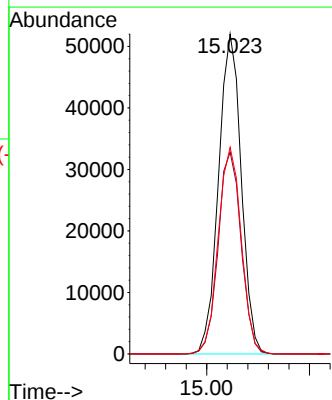
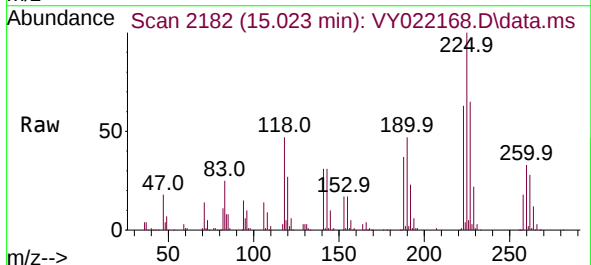
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

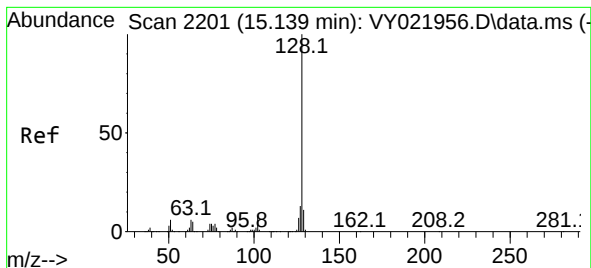
Tgt Ion:180 Resp: 135559
Ion Ratio Lower Upper
180 100
182 94.0 47.1 141.4
145 29.5 15.0 45.0



#94
Hexachlorobutadiene
Concen: 42.942 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022168.D
Acq: 05 May 2025 18:37

Tgt Ion:225 Resp: 79735
Ion Ratio Lower Upper
225 100
223 63.7 31.9 95.5
227 65.6 32.3 96.9





#95

Naphthalene

Concen: 47.354 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY022168.D

Acq: 05 May 2025 18:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

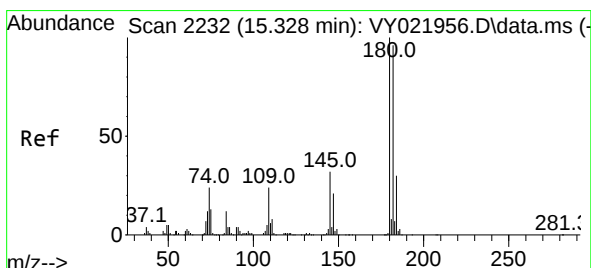
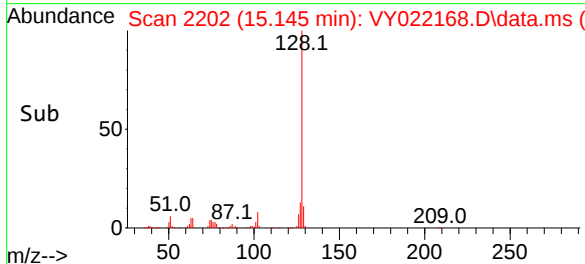
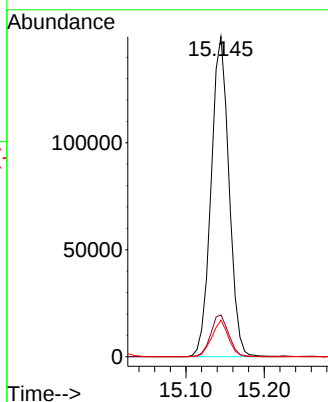
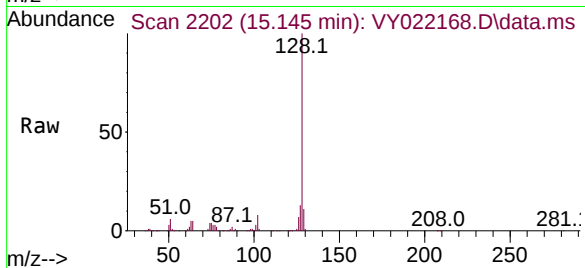
Tgt Ion:128 Resp: 237399

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.6 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 45.321 ug/l

RT: 15.327 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022168.D

Acq: 05 May 2025 18:37

Tgt Ion:180 Resp: 118065

Ion Ratio Lower Upper

180 100

182 94.5 48.1 144.4

145 32.2 16.0 48.0

