

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060425\
 Data File : VY022553.D
 Acq On : 04 Jun 2025 16:11
 Operator : SY/MD
 Sample : Q2198-03
 Misc : 4.87g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-207-SB02

Quant Time: Jun 05 04:17:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

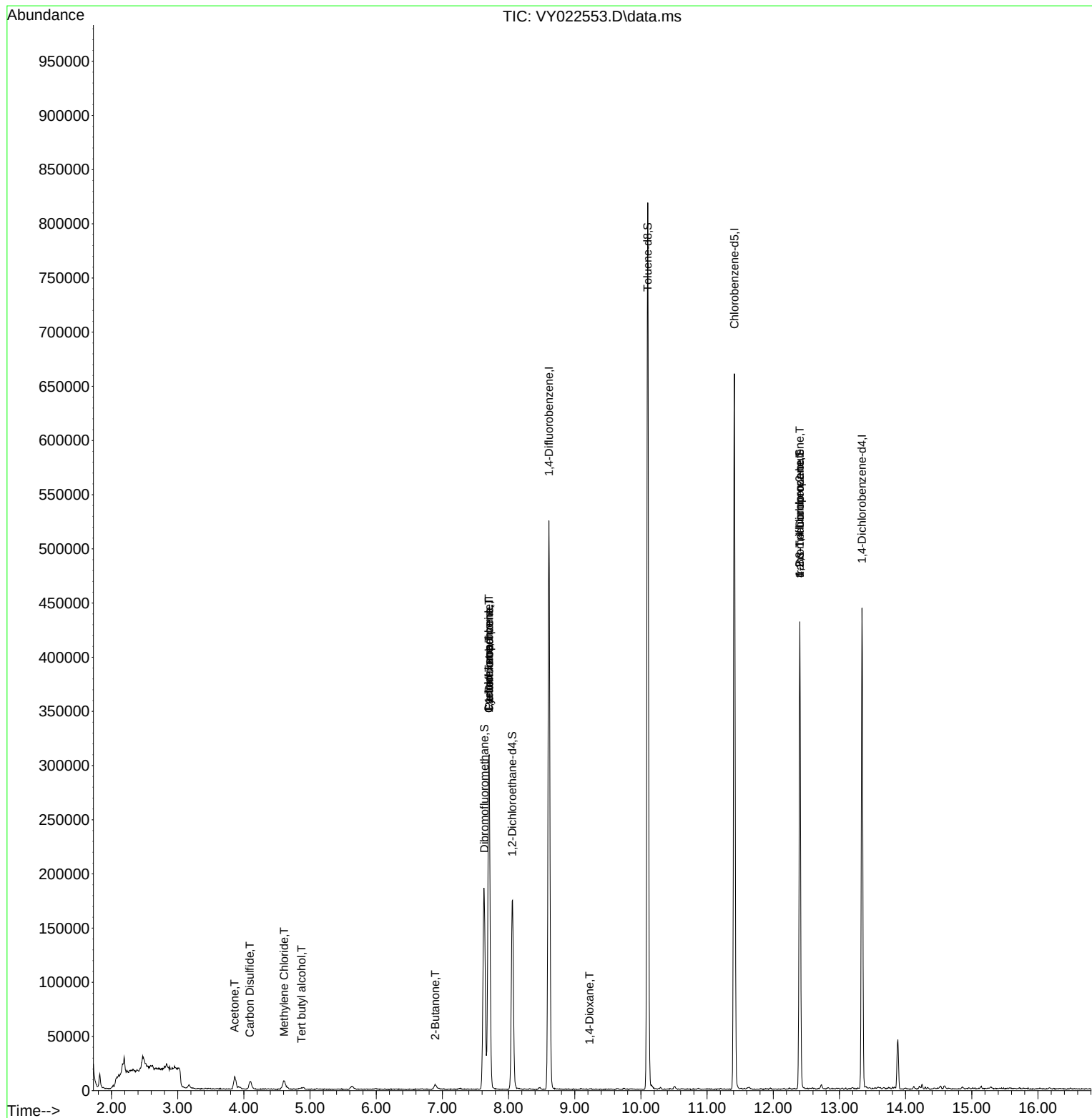
Internal Standards						
1) Pentafluorobenzene	7.707	168	231939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	422737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	324979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	101553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	133287	51.381	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.760%			
35) Dibromofluoromethane	7.634	113	127878	50.680	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.360%			
50) Toluene-d8	10.103	98	504897	49.522	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.040%			
62) 4-Bromofluorobenzene	12.401	95	114216	37.599	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 75.200%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.872	59	234	1.263	ug/l #	60
16) Acetone	3.860	43	19200	36.445	ug/l	100
17) Carbon Disulfide	4.092	76	13600	1.747	ug/l	95
20) Methylene Chloride	4.610	84	5333	1.782	ug/l #	93
25) 2-Butanone	6.890	43	5702	7.503	ug/l	90
31) Cyclohexane	7.701	56	6878	1.380	ug/l #	33
36) 1,1-Dichloropropene	7.701	75	21316	5.205	ug/l #	50
38) Carbon Tetrachloride	7.701	117	23536	5.602	ug/l #	17
49) 1,4-Dioxane	9.225	88	107	5.616	ug/l #	47
76) 1,2,3-Trichloropropane	12.401	75	67965	58.500	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	67965	141.273	ug/l #	10

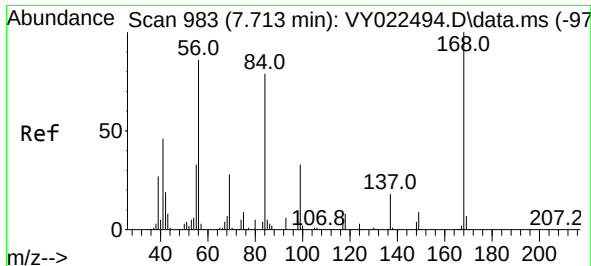
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060425\
Data File : VY022553.D
Acq On : 04 Jun 2025 16:11
Operator : SY/MD
Sample : Q2198-03
Misc : 4.87g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-207-SB02

Quant Time: Jun 05 04:17:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

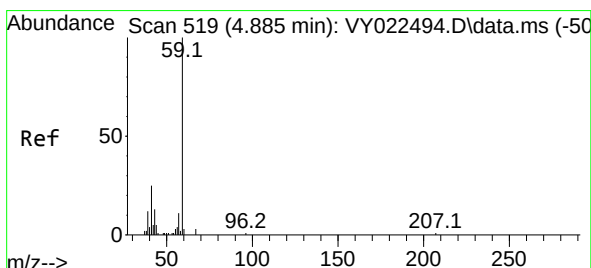
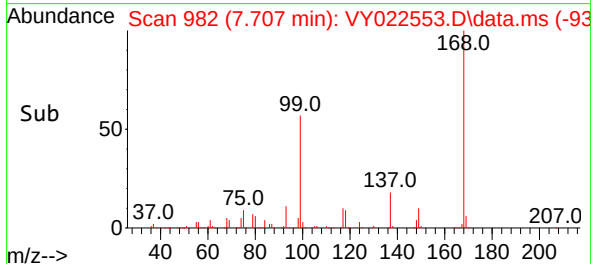
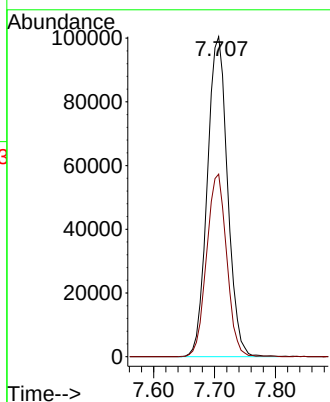
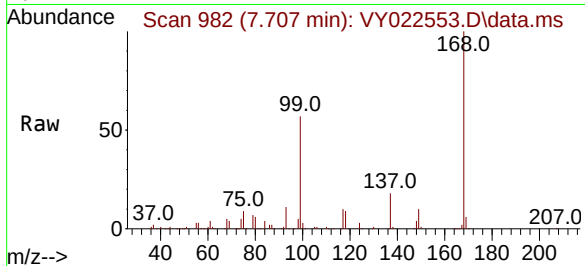




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022553.D
Acq: 04 Jun 2025 16:11

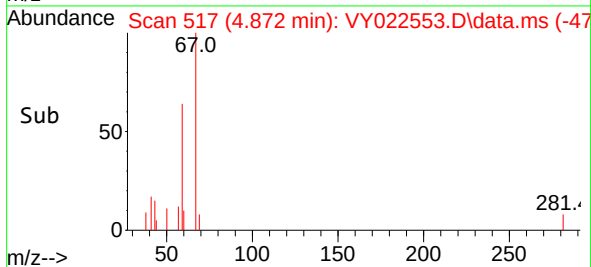
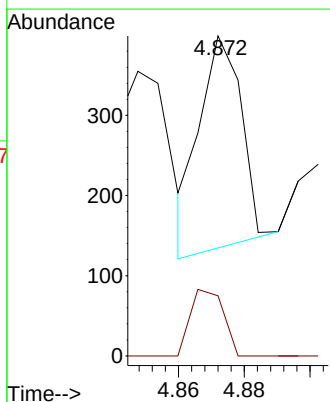
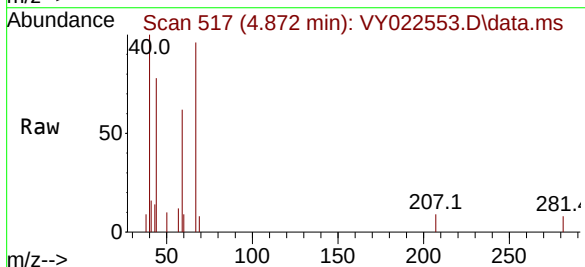
Instrument :
MSVOA_Y
ClientSampleId :
B-207-SB02

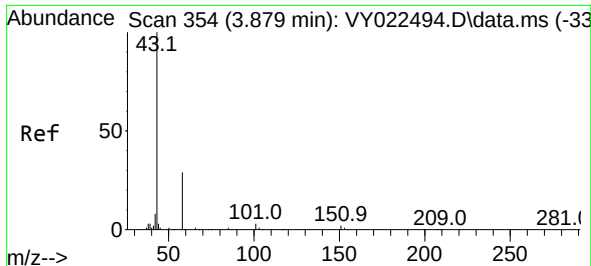
Tgt Ion:168 Resp: 231939
Ion Ratio Lower Upper
168 100
99 57.0 44.3 66.5



#11
Tert butyl alcohol
Concen: 1.263 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.013 min
Lab File: VY022553.D
Acq: 04 Jun 2025 16:11

Tgt Ion: 59 Resp: 234
Ion Ratio Lower Upper
59 100
57 24.8 8.0 12.0#

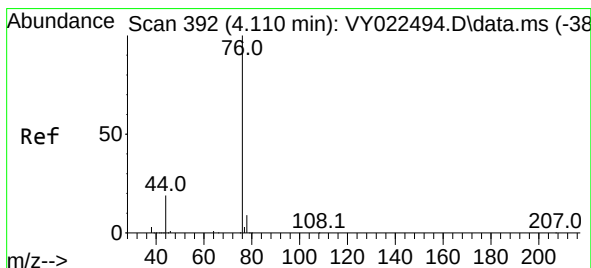
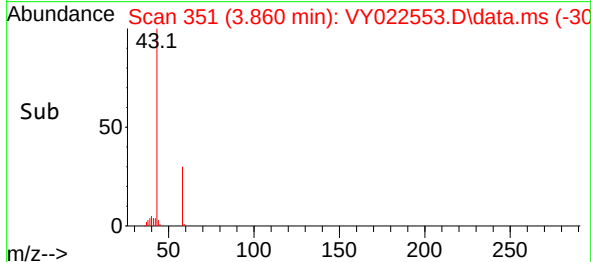
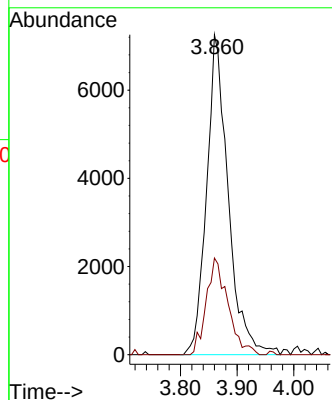
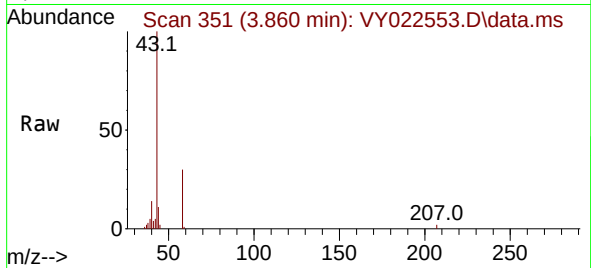




#16
Acetone
Concen: 36.445 ug/l
RT: 3.860 min Scan# 31
Delta R.T. -0.019 min
Lab File: VY022553.D
Acq: 04 Jun 2025 16:11

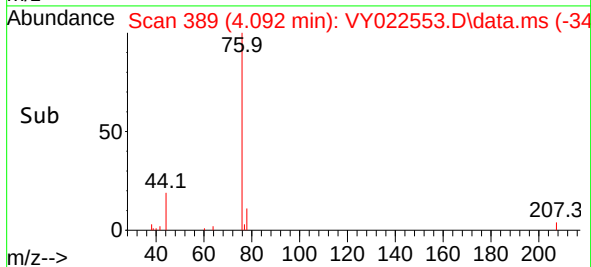
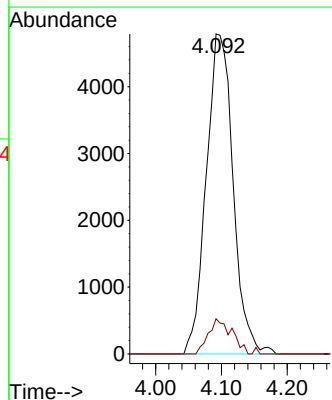
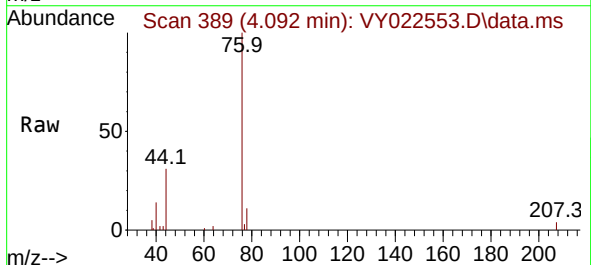
Instrument :
MSVOA_Y
ClientSampleId :
B-207-SB02

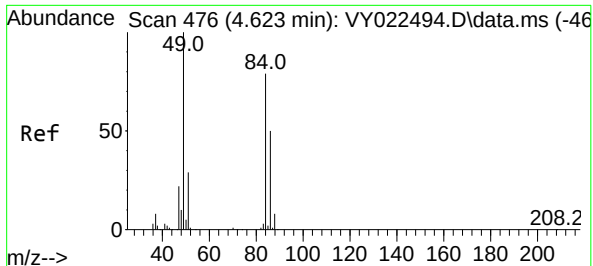
Tgt Ion: 43 Resp: 19200
Ion Ratio Lower Upper
43 100
58 30.2 24.0 36.0



#17
Carbon Disulfide
Concen: 1.747 ug/l
RT: 4.092 min Scan# 389
Delta R.T. -0.019 min
Lab File: VY022553.D
Acq: 04 Jun 2025 16:11

Tgt Ion: 76 Resp: 13600
Ion Ratio Lower Upper
76 100
78 11.0 7.4 11.2

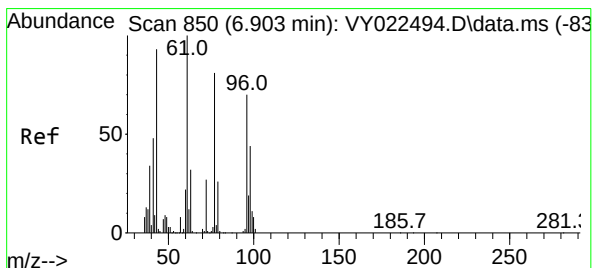
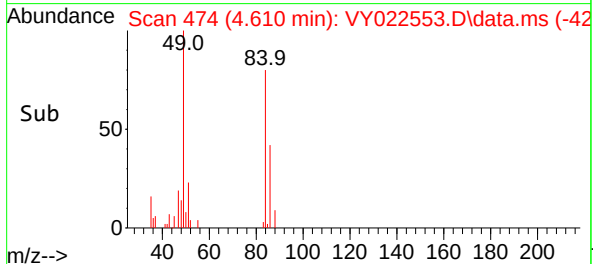
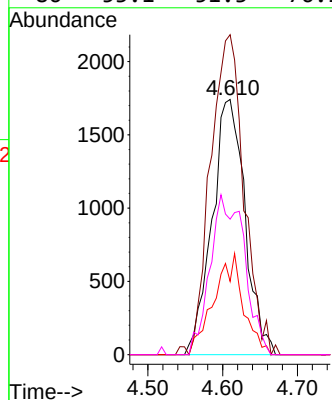
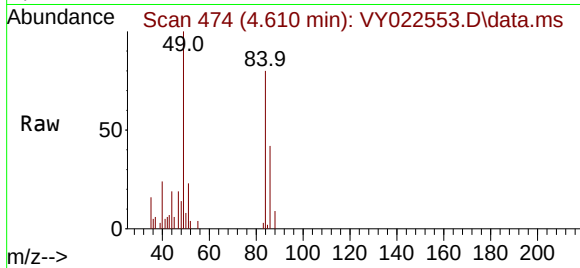




#20
Methylene Chloride
Concen: 1.782 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY022553.D
Acq: 04 Jun 2025 16:11

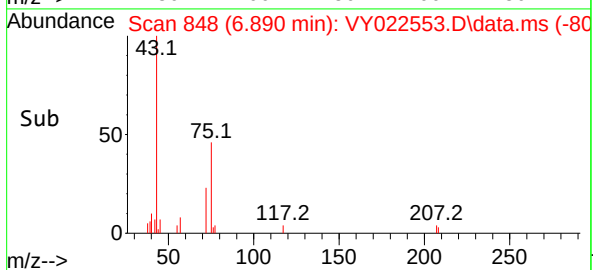
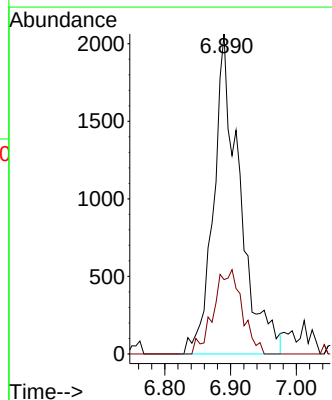
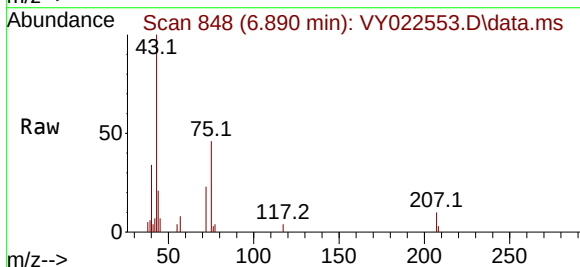
Instrument :
MSVOA_Y
ClientSampleId :
B-207-SB02

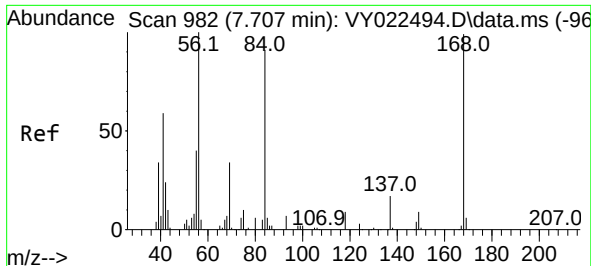
Tgt Ion:	84	Resp:	5333
Ion	Ratio	Lower	Upper
84	100		
49	125.4	101.9	152.9
51	28.7	29.8	44.8#
86	53.1	51.3	76.9



#25
2-Butanone
Concen: 7.503 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.013 min
Lab File: VY022553.D
Acq: 04 Jun 2025 16:11

Tgt Ion:	43	Resp:	5702
Ion	Ratio	Lower	Upper
43	100		
72	23.3	22.9	34.3

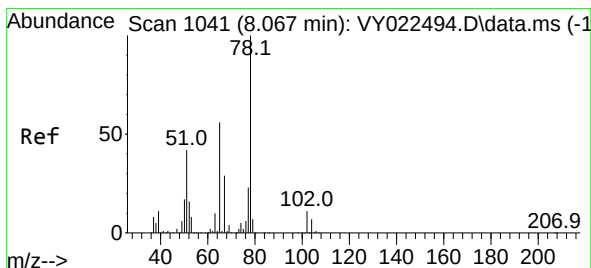
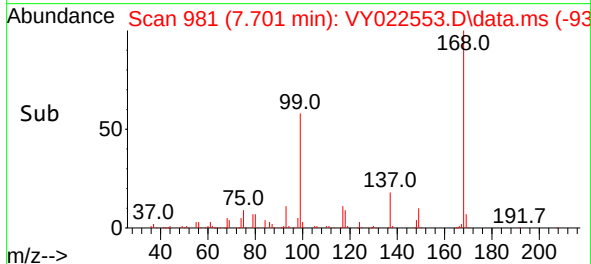
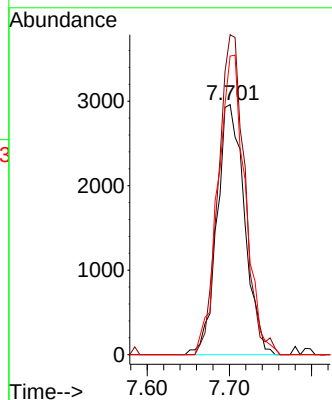
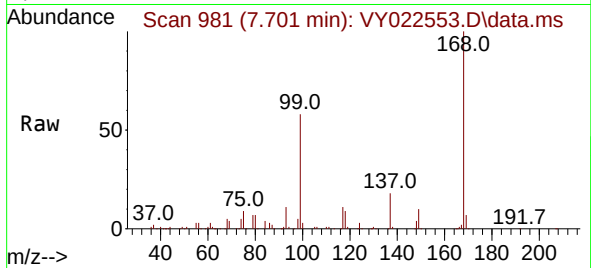




#31
Cyclohexane
Concen: 1.380 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY022553.D
Acq: 04 Jun 2025 16:11

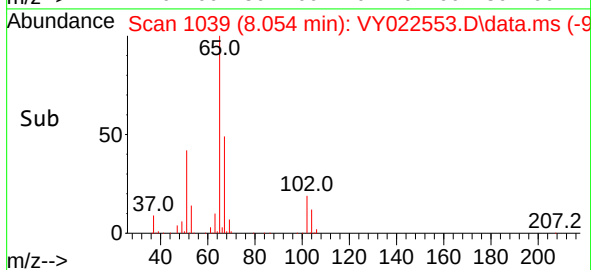
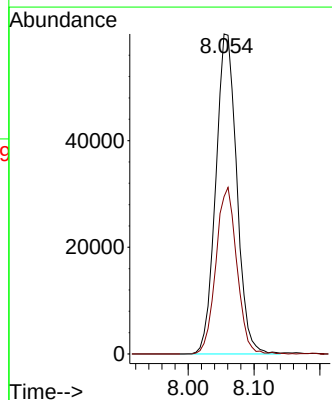
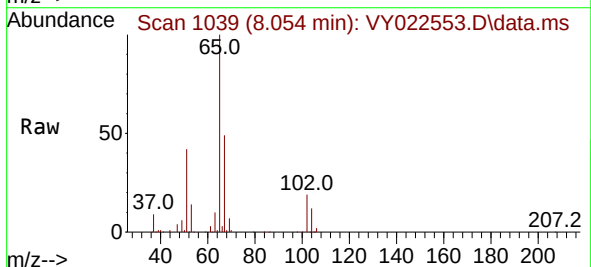
Instrument :
MSVOA_Y
ClientSampleId :
B-207-SB02

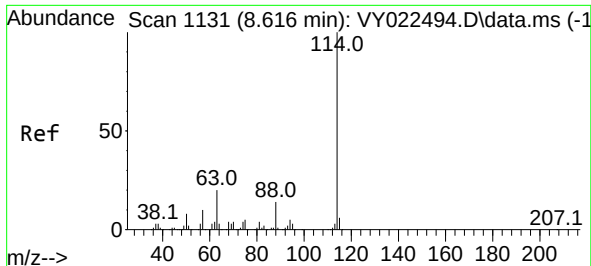
Tgt Ion: 56 Resp: 6878
Ion Ratio Lower Upper
56 100
69 128.0 27.0 40.6#
84 119.4 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 51.381 ug/l
RT: 8.054 min Scan# 1039
Delta R.T. -0.013 min
Lab File: VY022553.D
Acq: 04 Jun 2025 16:11

Tgt Ion: 65 Resp: 133287
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4

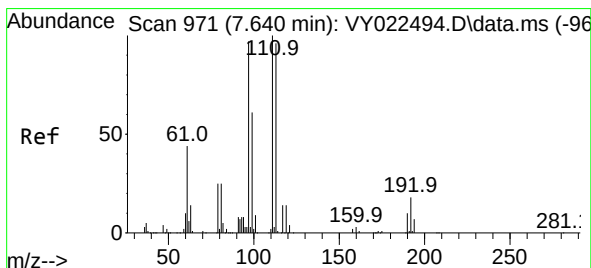
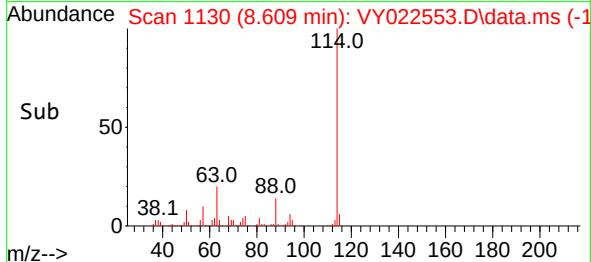
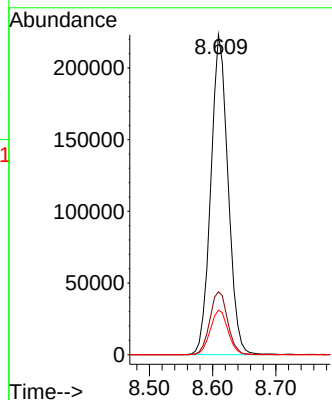
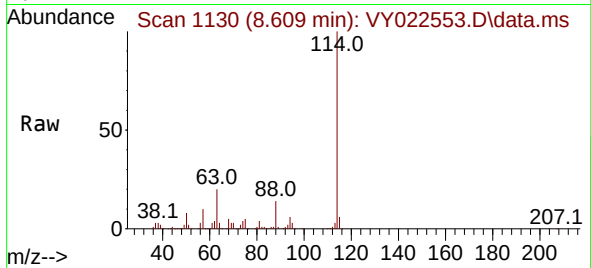




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1131
Delta R.T. -0.007 min
Lab File: VY022553.D
Acq: 04 Jun 2025 16:11

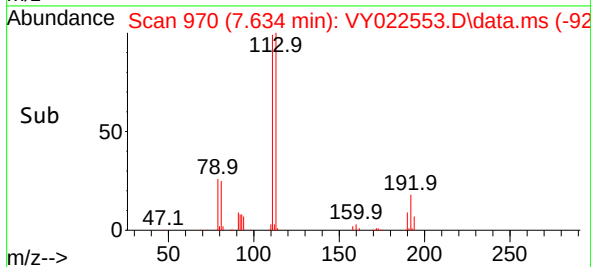
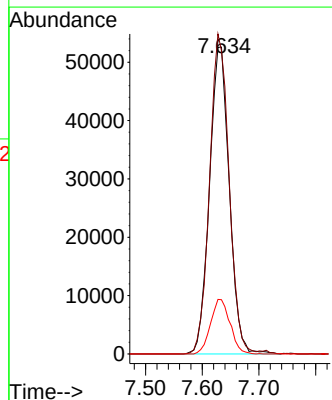
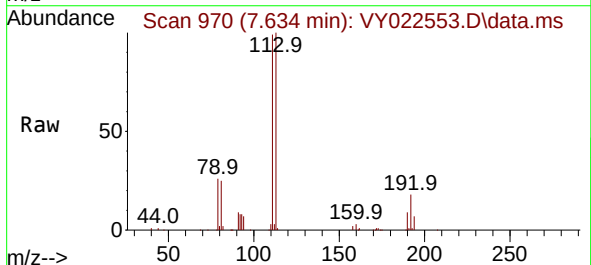
Instrument :
MSVOA_Y
ClientSampleId :
B-207-SB02

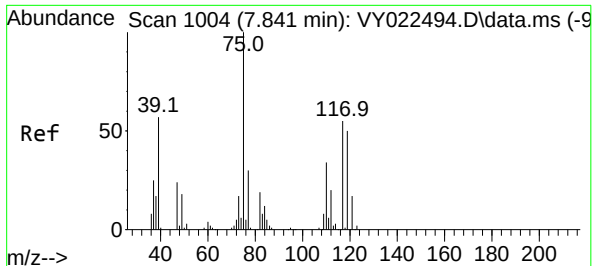
Tgt Ion:114 Resp: 422737
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.8
88 13.9 0.0 27.8



#35
Dibromofluoromethane
Concen: 50.680 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.007 min
Lab File: VY022553.D
Acq: 04 Jun 2025 16:11

Tgt Ion:113 Resp: 127878
Ion Ratio Lower Upper
113 100
111 102.1 81.1 121.7
192 17.4 14.2 21.2

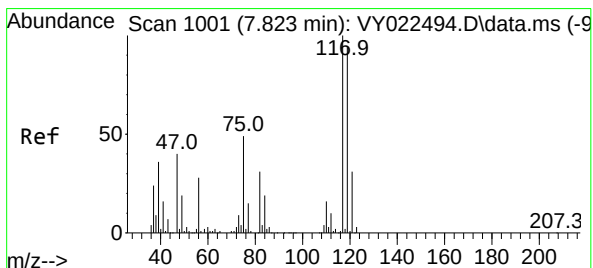
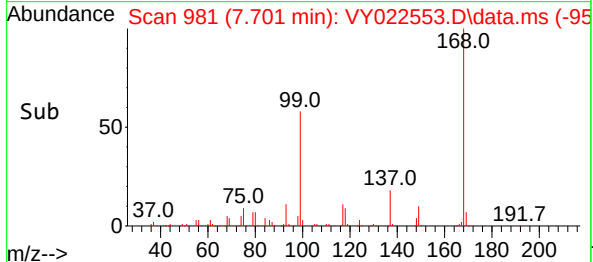
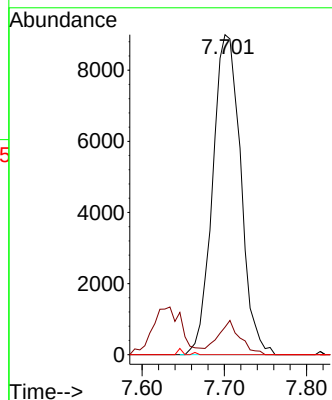
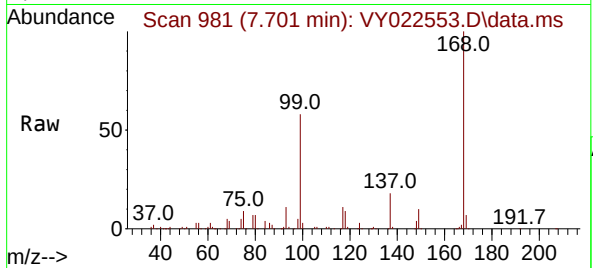




#36
1,1-Dichloropropene
Concen: 5.205 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.141 min
Lab File: VY022553.D
Acq: 04 Jun 2025 16:11

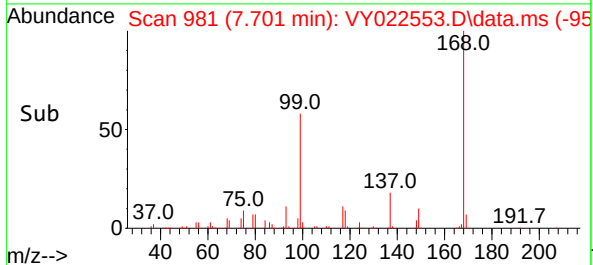
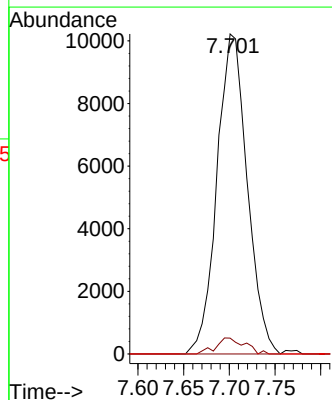
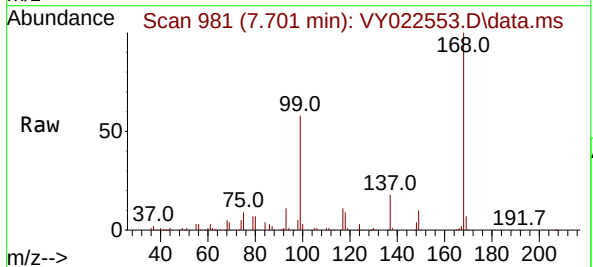
Instrument :
MSVOA_Y
ClientSampleId :
B-207-SB02

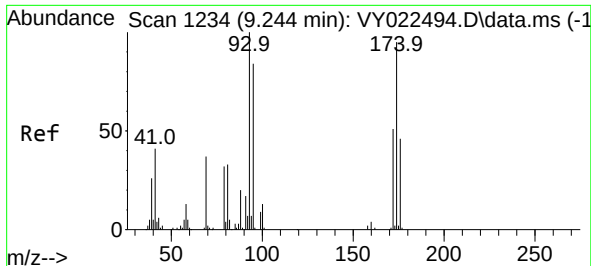
Tgt Ion: 75 Resp: 21316
Ion Ratio Lower Upper
75 100
110 8.3 16.9 50.7#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.602 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY022553.D
Acq: 04 Jun 2025 16:11

Tgt Ion: 117 Resp: 23536
Ion Ratio Lower Upper
117 100
119 5.0 75.0 112.6#
121 0.0 25.0 37.4#





#49

1,4-Dioxane

Concen: 5.616 ug/l

RT: 9.225 min Scan# 1

Delta R.T. -0.019 min

Lab File: VY022553.D

Acq: 04 Jun 2025 16:11

Instrument :

MSVOA_Y

ClientSampleId :

B-207-SB02

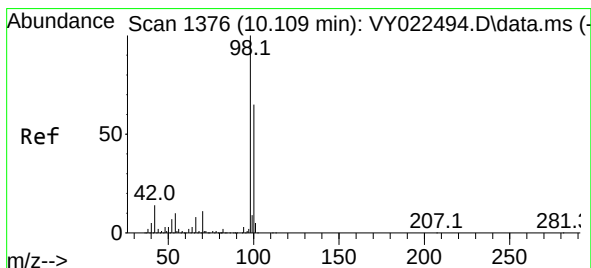
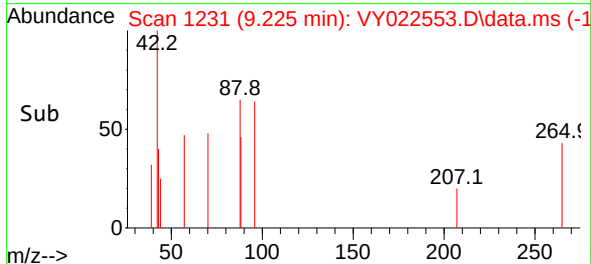
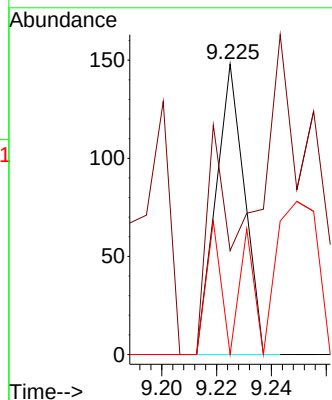
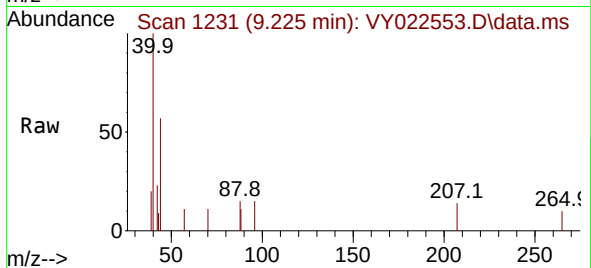
Tgt Ion: 88 Resp: 107

Ion Ratio Lower Upper

88 100

43 57.9 25.4 38.2#

58 23.4 54.9 82.3#



#50

Toluene-d8

Concen: 49.522 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.007 min

Lab File: VY022553.D

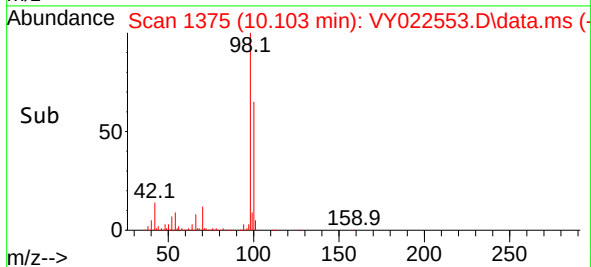
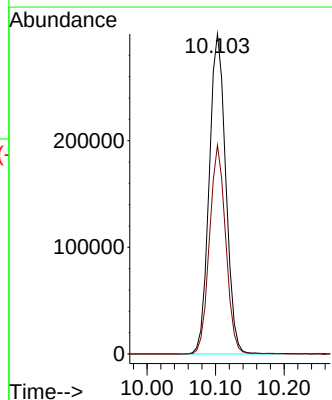
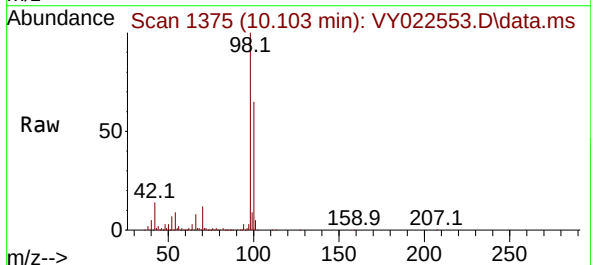
Acq: 04 Jun 2025 16:11

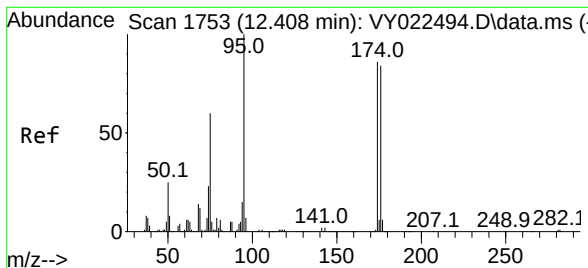
Tgt Ion: 98 Resp: 504897

Ion Ratio Lower Upper

98 100

100 63.8 51.4 77.0

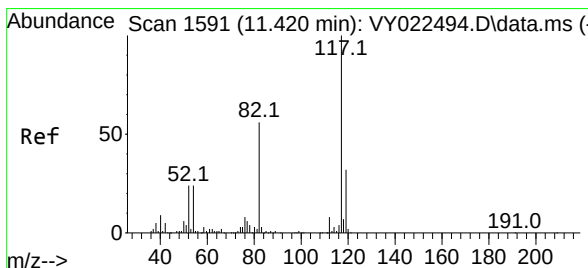
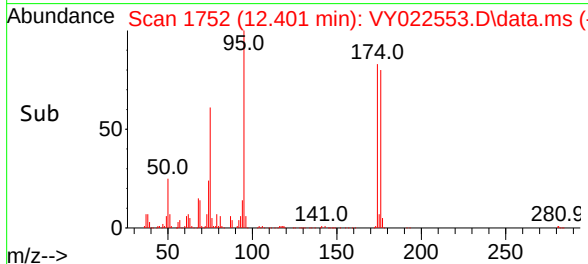
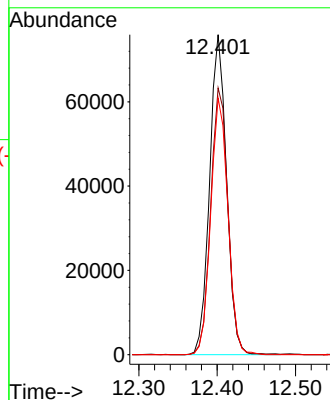
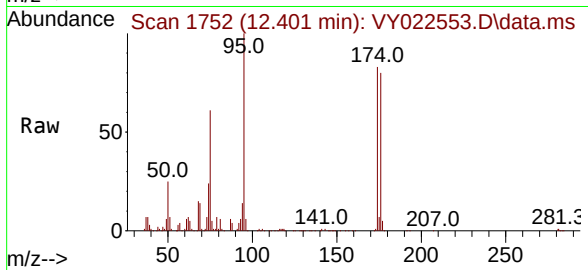




#62
4-Bromofluorobenzene
Concen: 37.599 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY022553.D
Acq: 04 Jun 2025 16:11

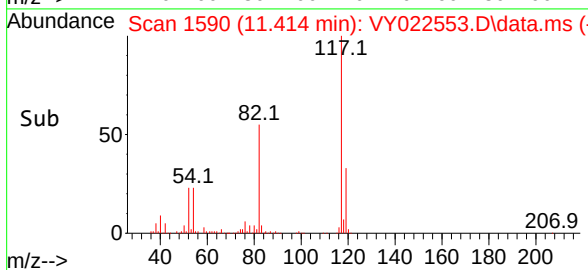
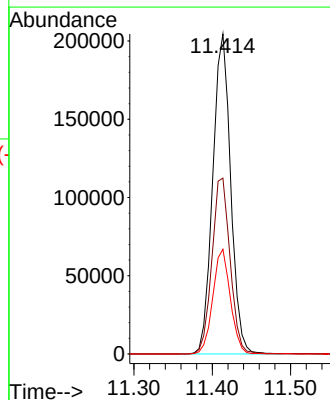
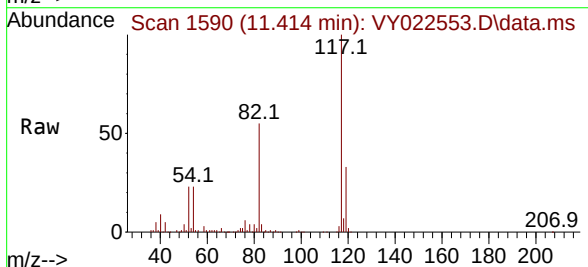
Instrument :
MSVOA_Y
ClientSampleId :
B-207-SB02

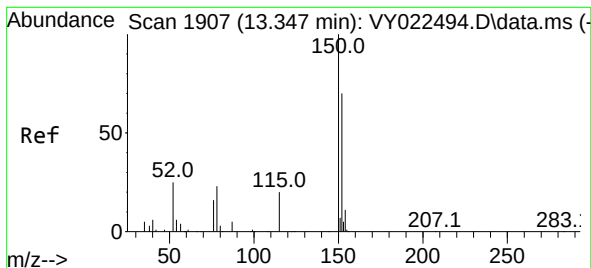
Tgt Ion: 95 Resp: 114216
Ion Ratio Lower Upper
95 100
174 84.7 0.0 170.0
176 81.4 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.007 min
Lab File: VY022553.D
Acq: 04 Jun 2025 16:11

Tgt Ion: 117 Resp: 324979
Ion Ratio Lower Upper
117 100
82 54.9 44.6 66.8
119 32.7 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1907

Delta R.T. -0.007 min

Lab File: VY022553.D

Acq: 04 Jun 2025 16:11

Instrument :

MSVOA_Y

ClientSampleId :

B-207-SB02

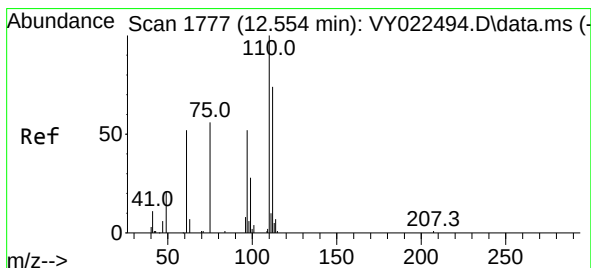
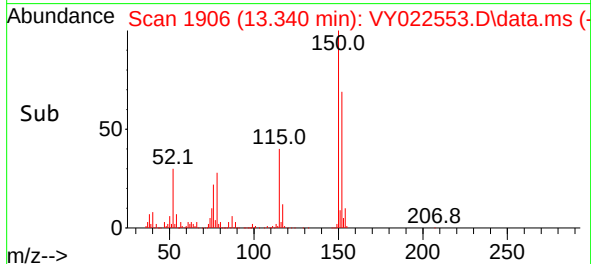
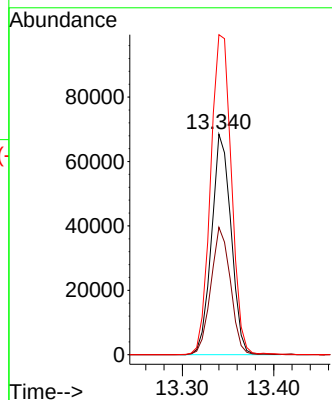
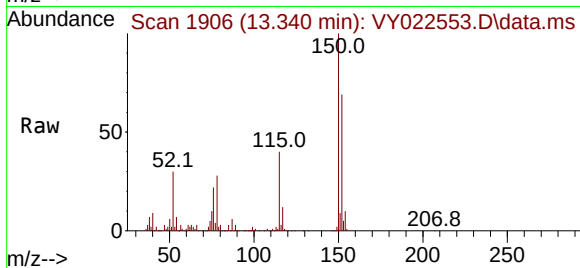
Tgt Ion:152 Resp: 101553

Ion Ratio Lower Upper

152 100

115 57.8 28.9 86.7

150 154.8 0.0 349.6



#76

1,2,3-Trichloropropane

Concen: 58.500 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.153 min

Lab File: VY022553.D

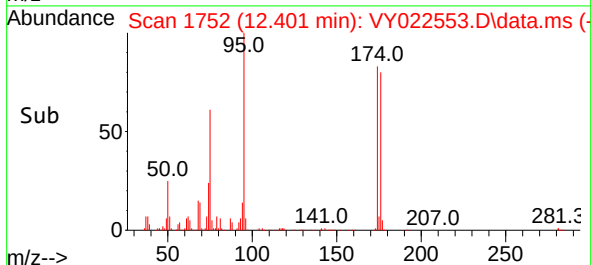
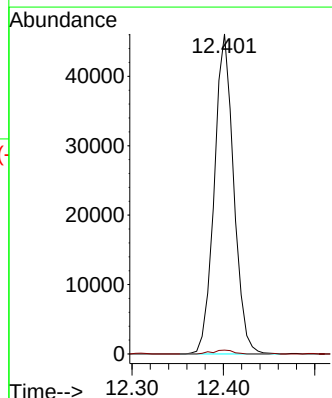
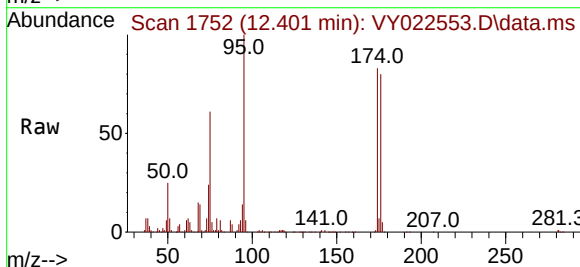
Acq: 04 Jun 2025 16:11

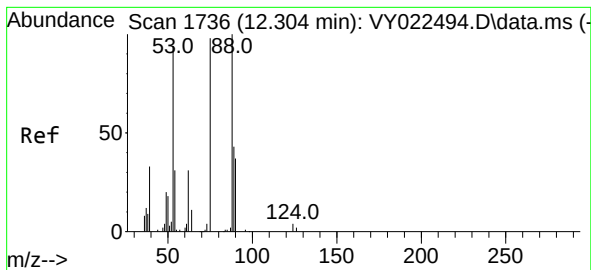
Tgt Ion: 75 Resp: 67965

Ion Ratio Lower Upper

75 100

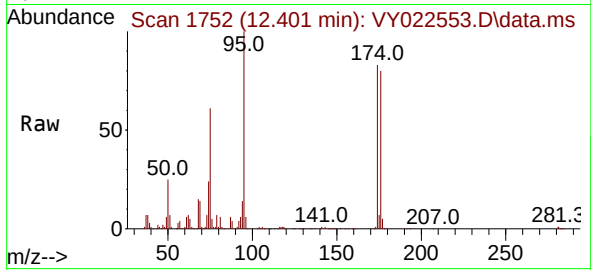
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.273 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY022553.D
 Acq: 04 Jun 2025 16:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-207-SB02



Tgt Ion: 75 Resp: 67965
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 35.7 53.5#

