

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
 Data File : VY022743.D
 Acq On : 19 Jun 2025 09:48
 Operator : SY/MD
 Sample : VY0619SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBL01

Quant Time: Jun 20 02:53:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

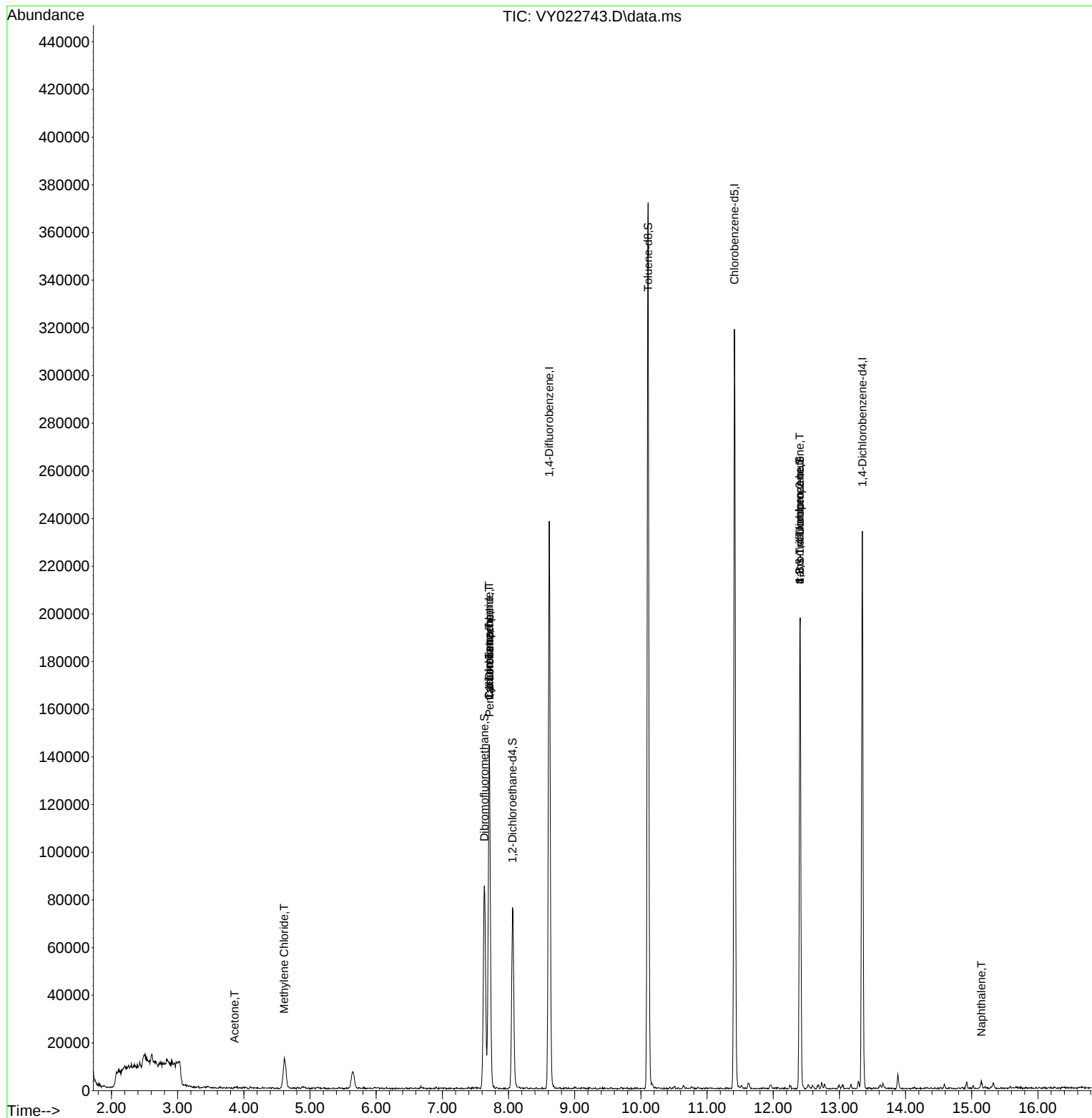
Internal Standards						
1) Pentafluorobenzene	7.713	168	102602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	191401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	154033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	52432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	57838	50.401	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.800%	
35) Dibromofluoromethane	7.634	113	58093	50.850	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.700%	
50) Toluene-d8	10.109	98	233273	50.534	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.060%	
62) 4-Bromofluorobenzene	12.402	95	55223	40.151	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 80.300%	
Target Compounds						
					Qvalue	
16) Acetone	3.860	43	621	2.665	ug/l #	77
20) Methylene Chloride	4.610	84	8700	6.572	ug/l	89
31) Cyclohexane	7.707	56	3235	1.467	ug/l #	50
36) 1,1-Dichloropropene	7.707	75	9332	5.033	ug/l #	51
38) Carbon Tetrachloride	7.707	117	11035	5.801	ug/l #	18
76) 1,2,3-Trichloropropane	12.402	75	33552	55.935	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	33552	135.079	ug/l #	10
95) Naphthalene	15.145	128	2688	1.644	ug/l	97

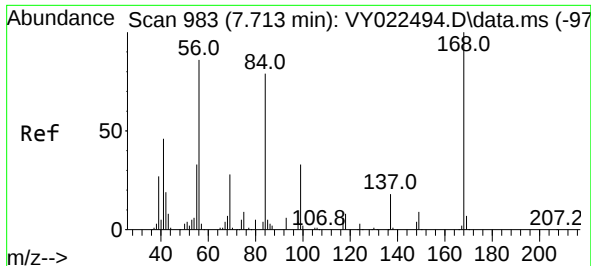
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL01

Quant Time: Jun 20 02:53:59 2025
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Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
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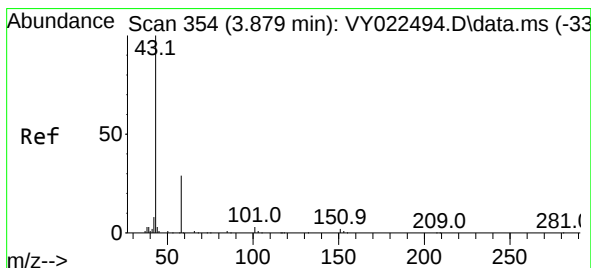
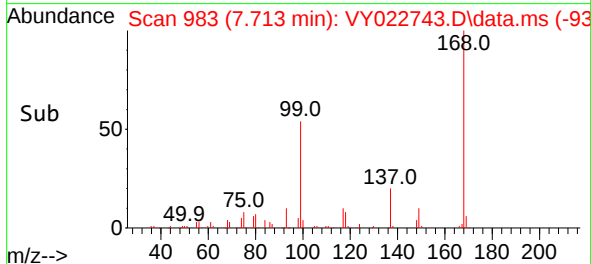
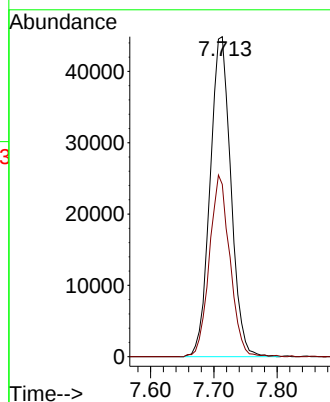
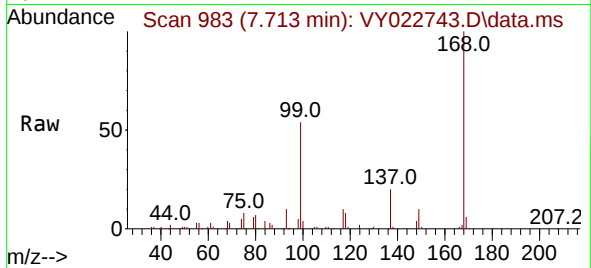




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

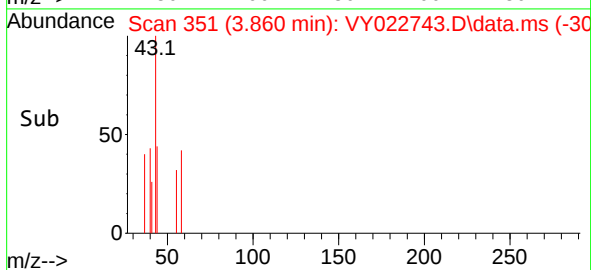
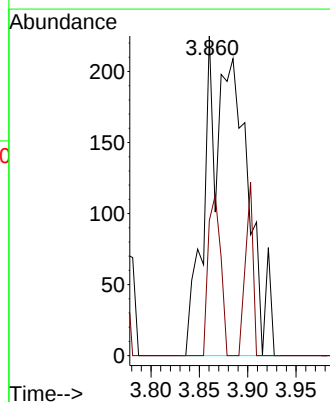
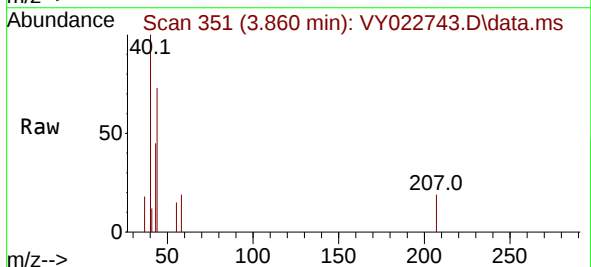
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL01

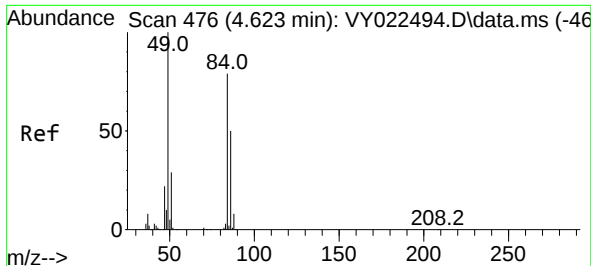
Tgt Ion:168 Resp: 102602
Ion Ratio Lower Upper
168 100
99 53.9 44.3 66.5



#16
Acetone
Concen: 2.665 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

Tgt Ion: 43 Resp: 621
Ion Ratio Lower Upper
43 100
58 42.2 24.0 36.0#

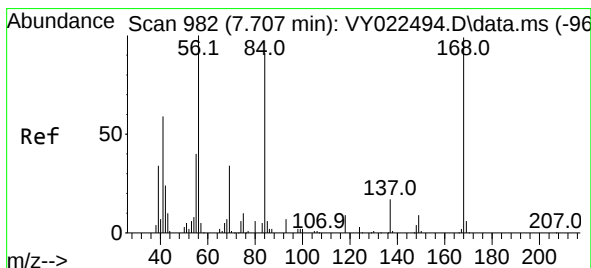
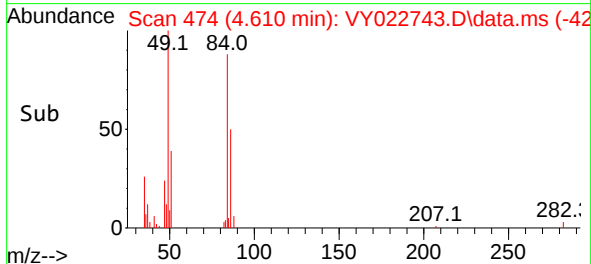
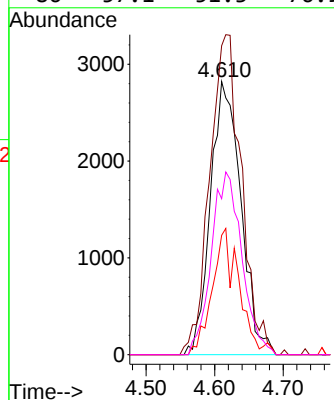
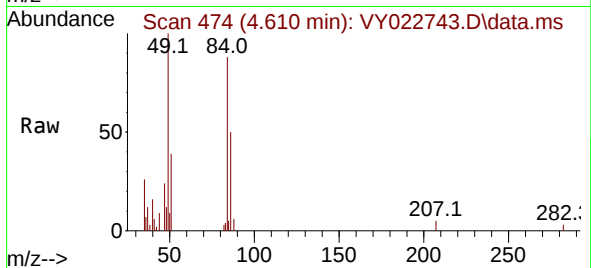




#20
Methylene Chloride
Concen: 6.572 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

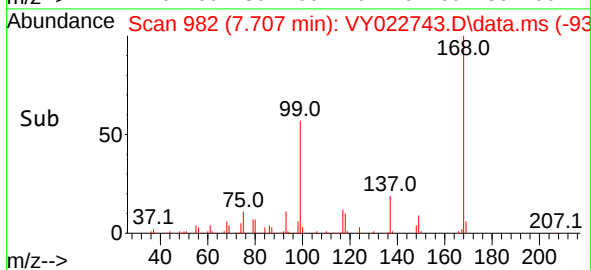
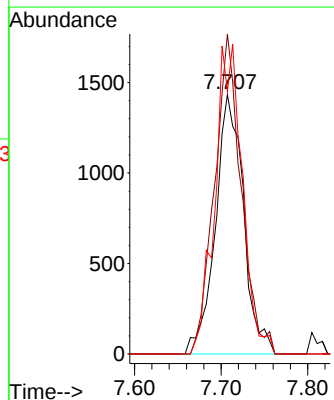
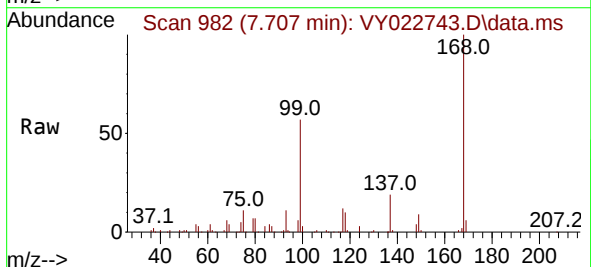
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL01

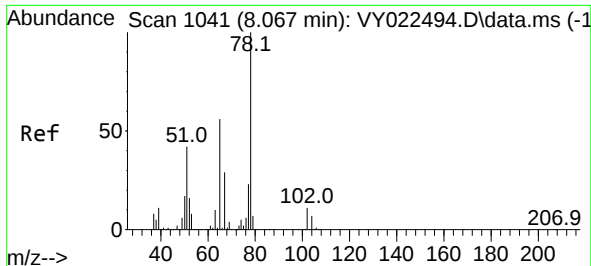
Tgt Ion:	84	Resp:	8700
Ion	Ratio	Lower	Upper
84	100		
49	113.1	101.9	152.9
51	43.7	29.8	44.8
86	57.1	51.3	76.9



#31
Cyclohexane
Concen: 1.467 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

Tgt Ion:	56	Resp:	3235
Ion	Ratio	Lower	Upper
56	100		
69	123.3	27.0	40.6#
84	101.1	72.6	109.0

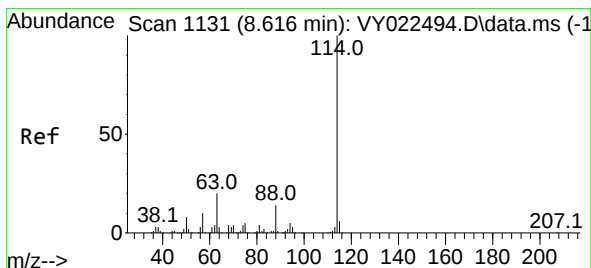
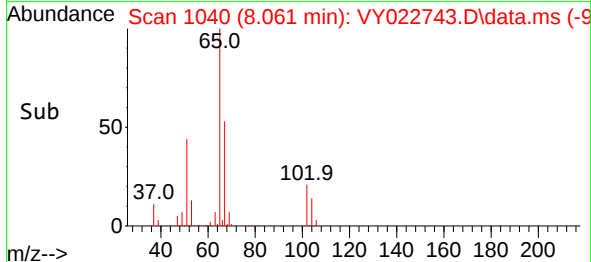
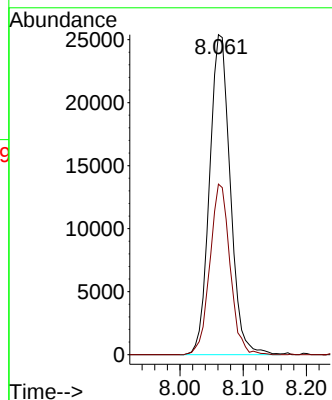
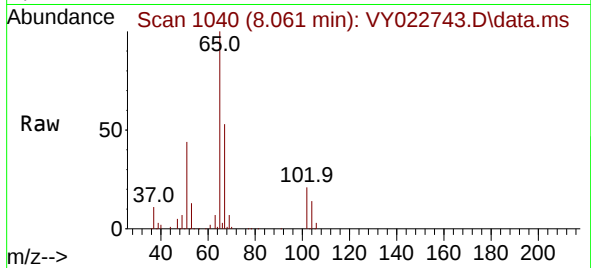




#33
 1,2-Dichloroethane-d4
 Concen: 50.401 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. -0.006 min
 Lab File: VY022743.D
 Acq: 19 Jun 2025 09:48

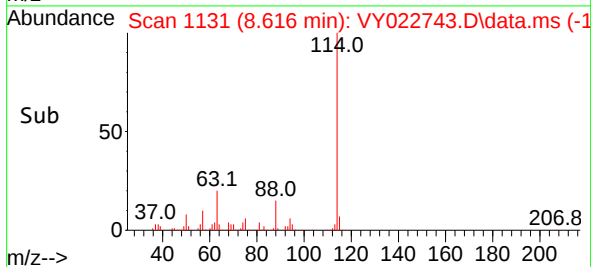
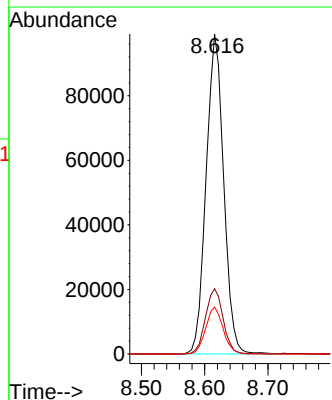
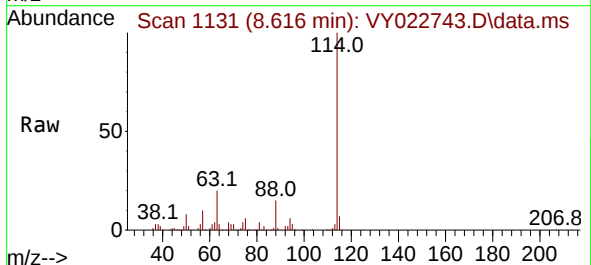
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBL01

Tgt Ion: 65 Resp: 57838
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY022743.D
 Acq: 19 Jun 2025 09:48

Tgt Ion: 114 Resp: 191401
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 14.7 0.0 27.8

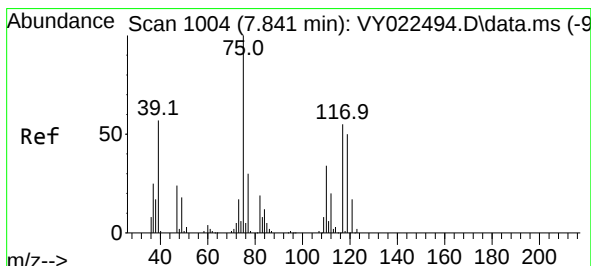
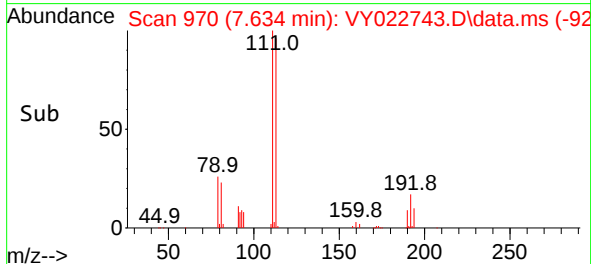
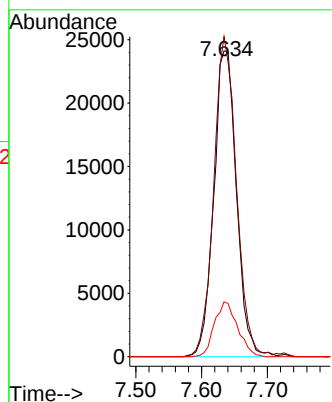
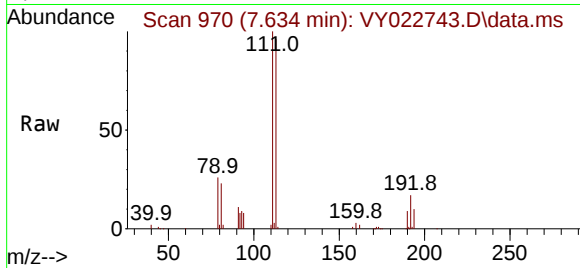




#35
Dibromofluoromethane
Concen: 50.850 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

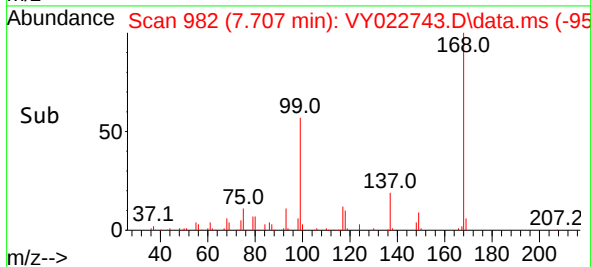
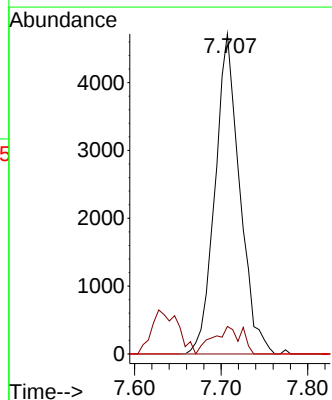
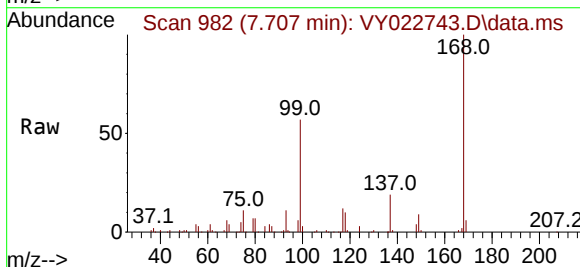
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL01

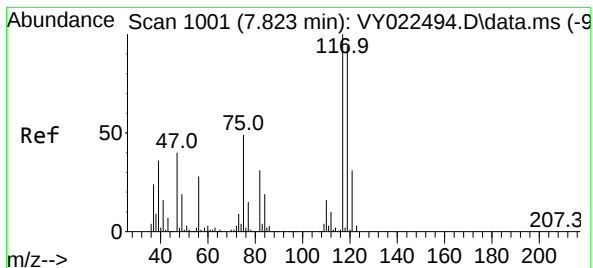
Tgt Ion:113 Resp: 58093
Ion Ratio Lower Upper
113 100
111 103.9 81.1 121.7
192 18.3 14.2 21.2



#36
1,1-Dichloropropene
Concen: 5.033 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

Tgt Ion: 75 Resp: 9332
Ion Ratio Lower Upper
75 100
110 9.9 16.9 50.7#
77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 5.801 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.116 min

Lab File: VY022743.D

Acq: 19 Jun 2025 09:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBL01

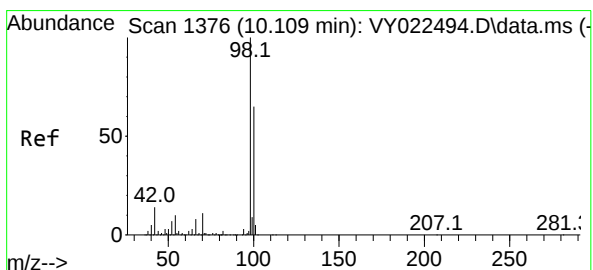
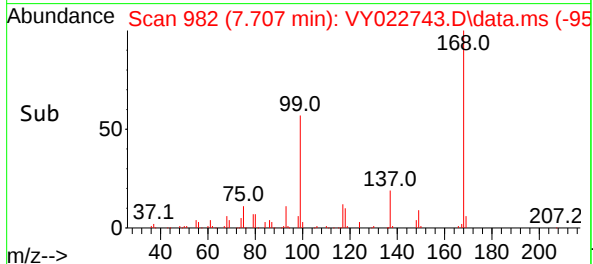
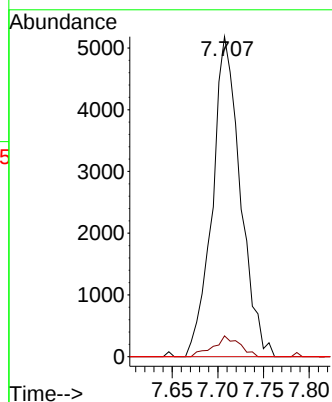
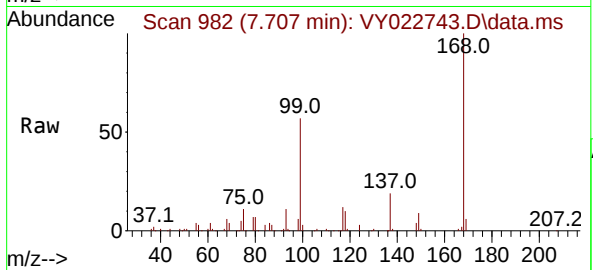
Tgt Ion:117 Resp: 11035

Ion Ratio Lower Upper

117 100

119 6.5 75.0 112.6#

121 0.0 25.0 37.4#



#50

Toluene-d8

Concen: 50.534 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY022743.D

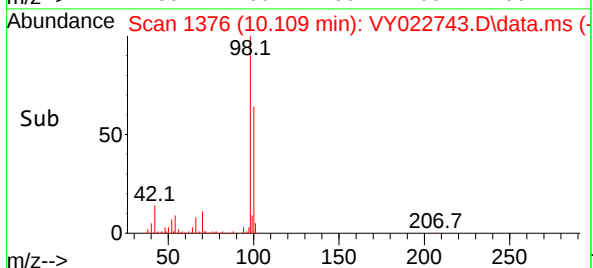
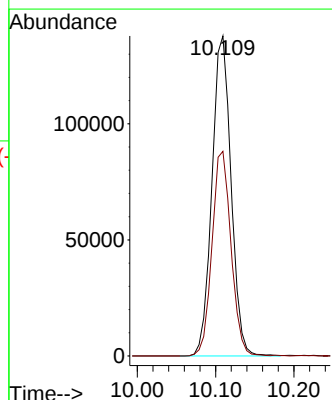
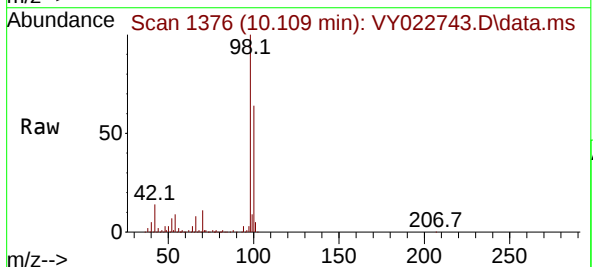
Acq: 19 Jun 2025 09:48

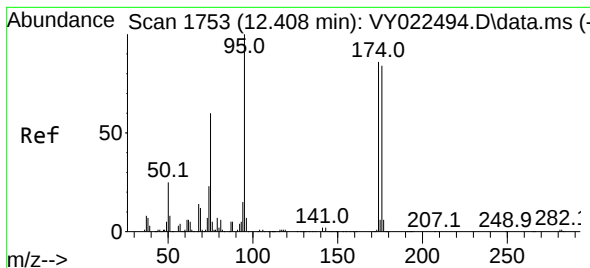
Tgt Ion: 98 Resp: 233273

Ion Ratio Lower Upper

98 100

100 63.7 51.4 77.0

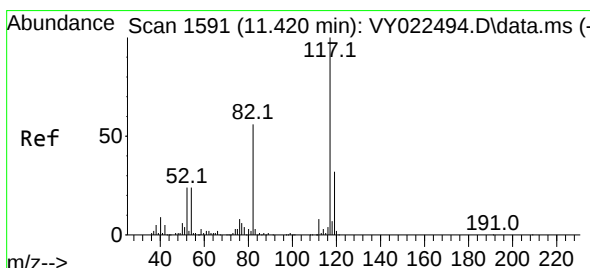
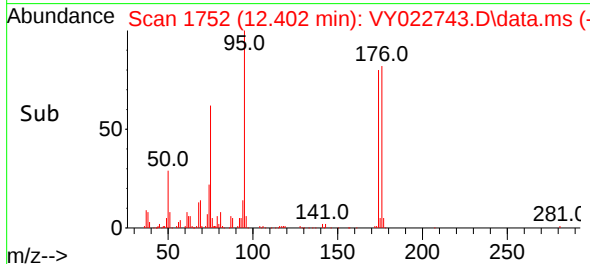
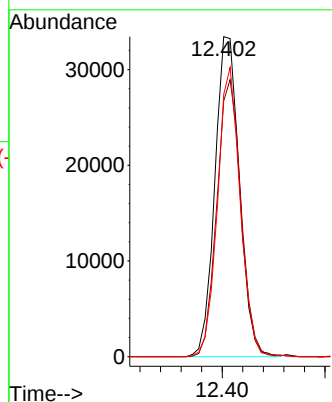
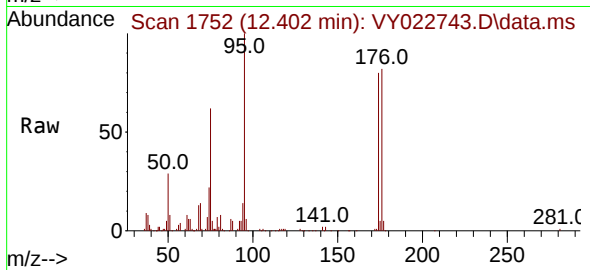




#62
4-Bromofluorobenzene
Concen: 40.151 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

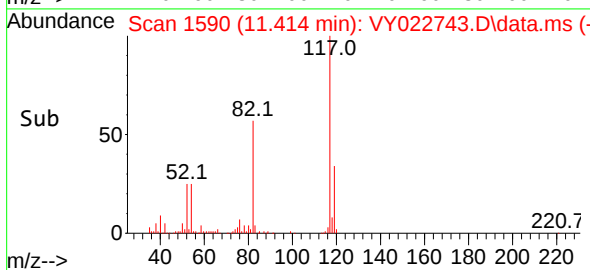
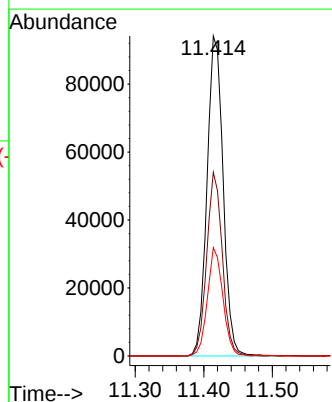
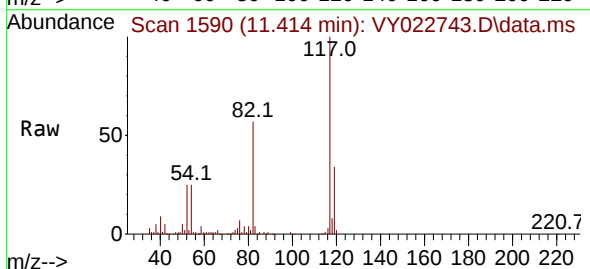
Instrument :
MSVOA_Y
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VY0619SBL01

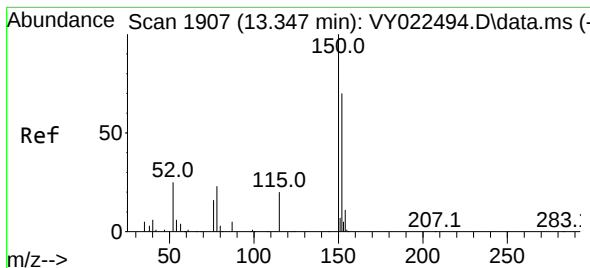
Tgt Ion: 95 Resp: 55223
Ion Ratio Lower Upper
95 100
174 85.5 0.0 170.0
176 83.8 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

Tgt Ion: 117 Resp: 154033
Ion Ratio Lower Upper
117 100
82 57.4 44.6 66.8
119 33.9 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022743.D

Acq: 19 Jun 2025 09:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBL01

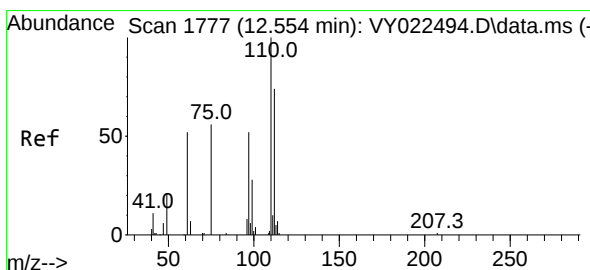
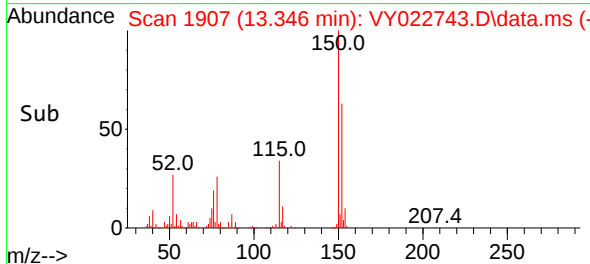
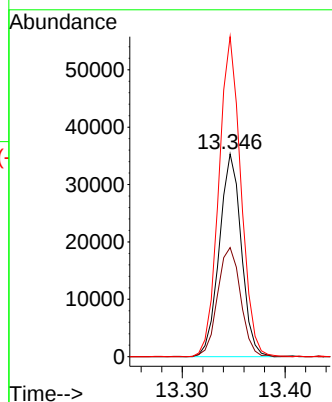
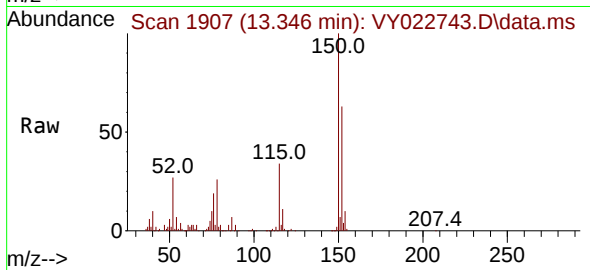
Tgt Ion:152 Resp: 52432

Ion Ratio Lower Upper

152 100

115 56.5 28.9 86.7

150 158.8 0.0 349.6



#76

1,2,3-Trichloropropane

Concen: 55.935 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.153 min

Lab File: VY022743.D

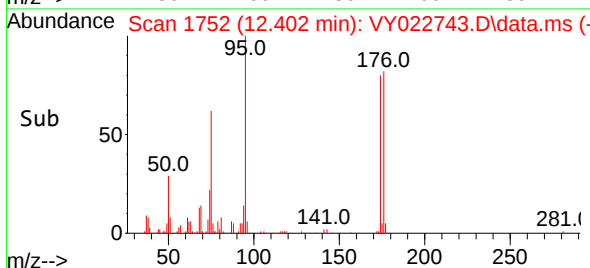
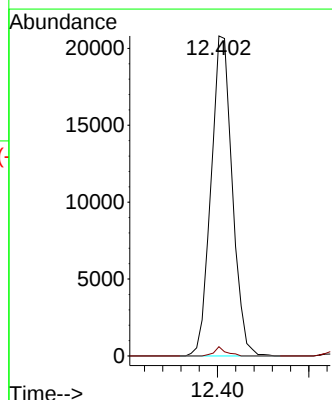
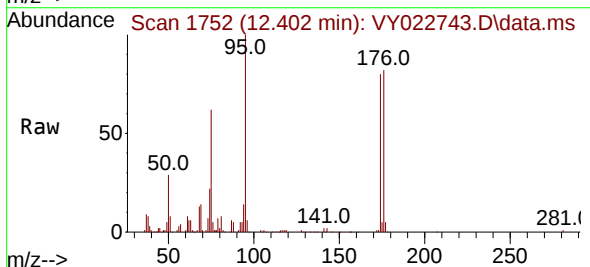
Acq: 19 Jun 2025 09:48

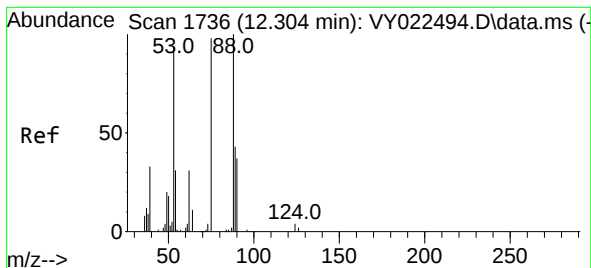
Tgt Ion: 75 Resp: 33552

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#

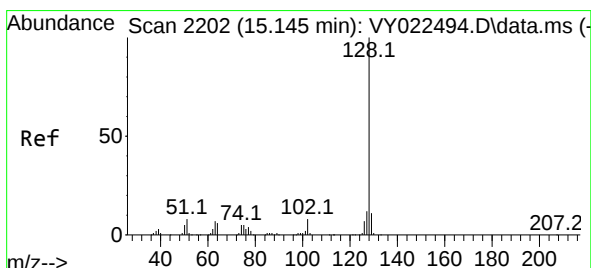
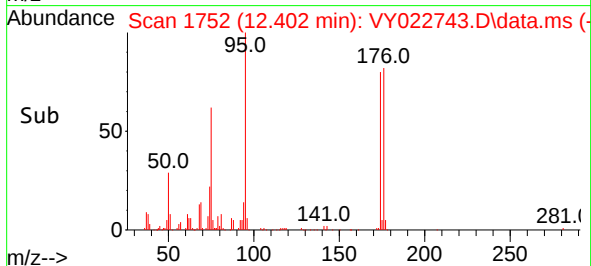
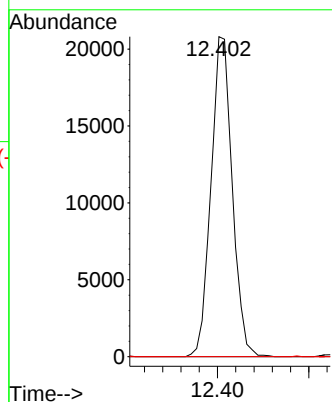
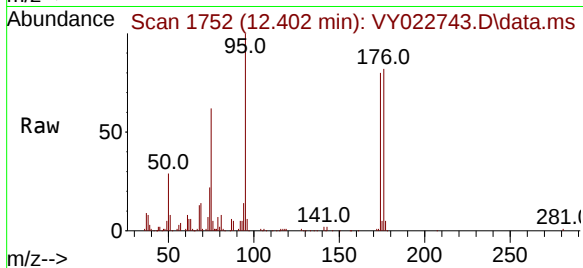




#81
trans-1,4-Dichloro-2-butene
Concen: 135.079 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.097 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL01

Tgt Ion: 75 Resp: 33552
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 1.644 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

Tgt Ion: 128 Resp: 2688
Ion Ratio Lower Upper
128 100
127 13.8 10.4 15.6
129 12.8 8.9 13.3

