

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052325\
 Data File : VY022408.D
 Acq On : 23 May 2025 15:26
 Operator : SY/MD
 Sample : VY0523SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBL01

Quant Time: May 23 23:20:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

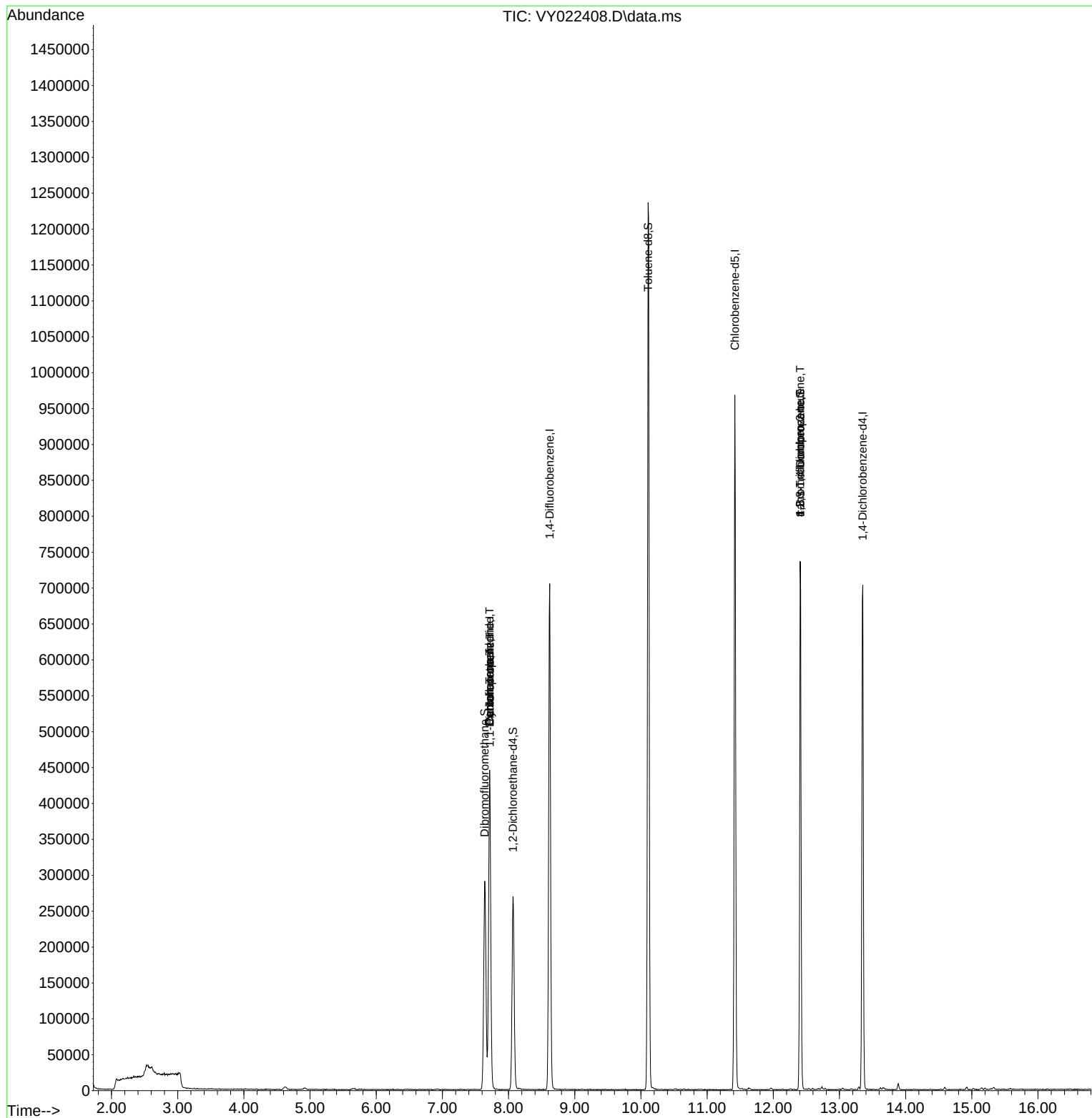
Internal Standards						
1) Pentafluorobenzene	7.713	168	328707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	590839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	465211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	167300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	201654	56.133	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.260%
35) Dibromofluoromethane	7.640	113	200071	56.734	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.460%
50) Toluene-d8	10.109	98	790680	54.745	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.500%
62) 4-Bromofluorobenzene	12.407	95	201473	44.010	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.020%
Target Compounds						Qvalue
31) Cyclohexane	7.713	56	9229	1.270	ug/l #	40
36) 1,1-Dichloropropene	7.719	75	27439	4.724	ug/l #	52
38) Carbon Tetrachloride	7.713	117	34666	5.766	ug/l #	17
76) 1,2,3-Trichloropropane	12.407	75	113856	67.175	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	113856	136.079	ug/l #	12

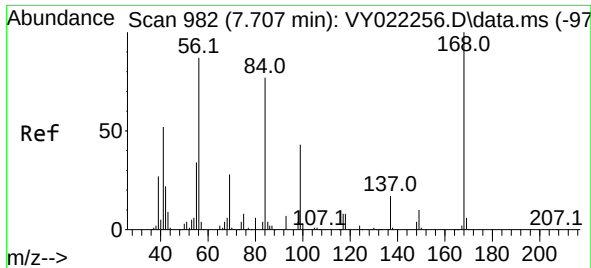
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052325\
Data File : VY022408.D
Acq On : 23 May 2025 15:26
Operator : SY/MD
Sample : VY0523SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBL01

Quant Time: May 23 23:20:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

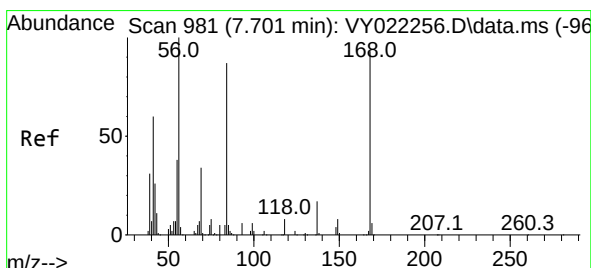
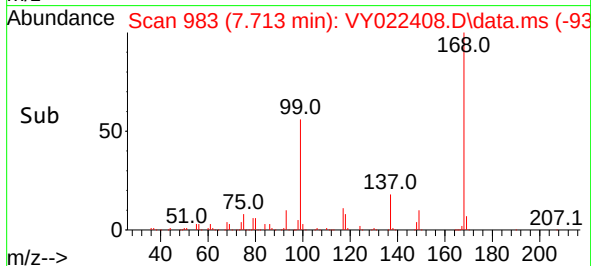
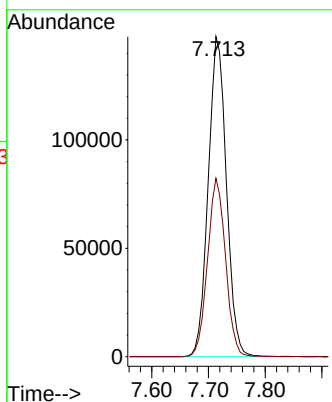
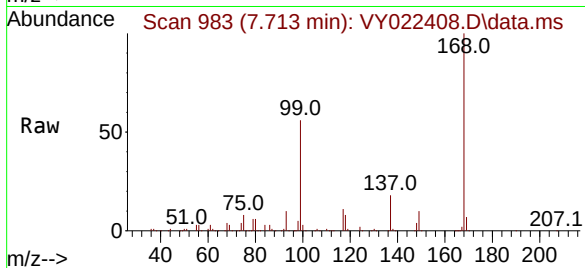




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY022408.D
Acq: 23 May 2025 15:26

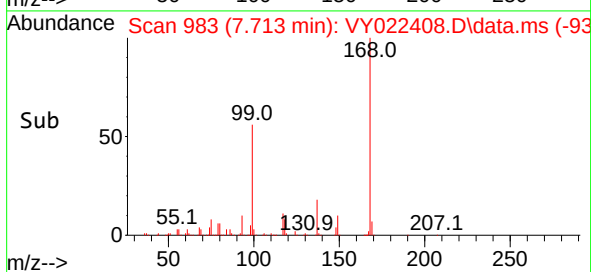
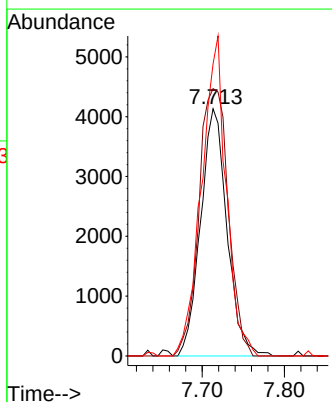
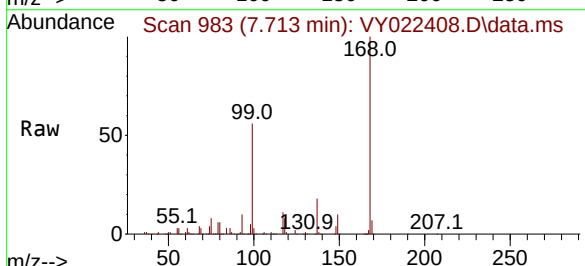
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBL01

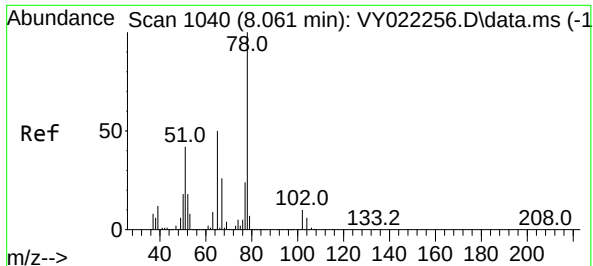
Tgt Ion:168 Resp: 328707
Ion Ratio Lower Upper
168 100
99 55.7 44.2 66.4



#31
Cyclohexane
Concen: 1.270 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY022408.D
Acq: 23 May 2025 15:26

Tgt Ion: 56 Resp: 9229
Ion Ratio Lower Upper
56 100
69 108.1 27.4 41.2#
84 118.1 70.0 105.0#





#33

1,2-Dichloroethane-d4

Concen: 56.133 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY022408.D

Acq: 23 May 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

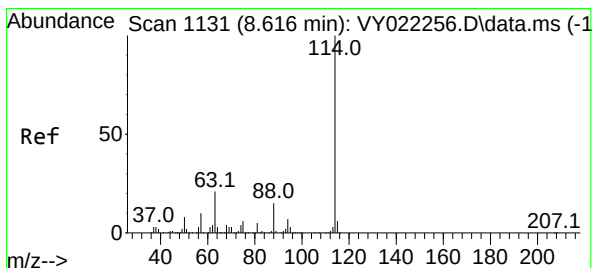
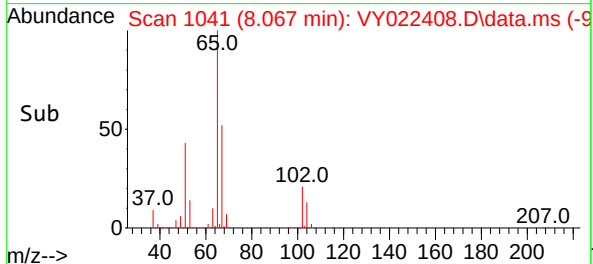
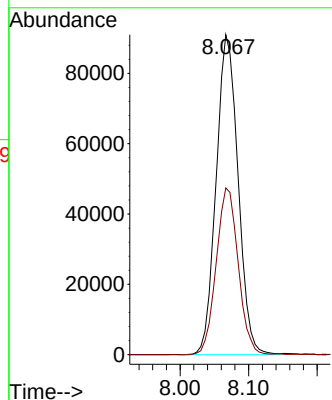
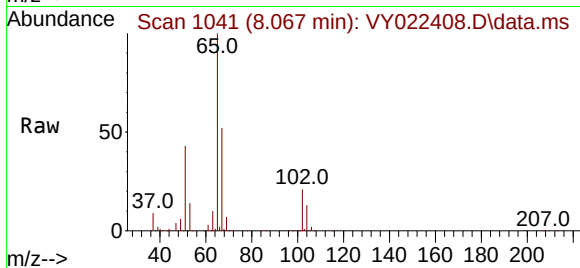
VY0523SBL01

Tgt Ion: 65 Resp: 201654

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022408.D

Acq: 23 May 2025 15:26

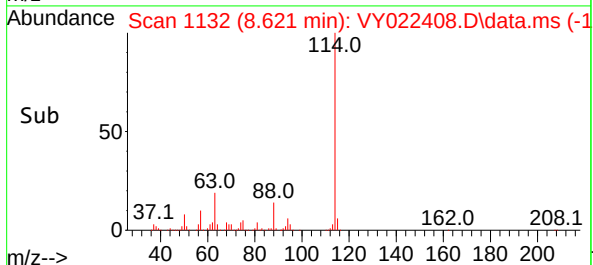
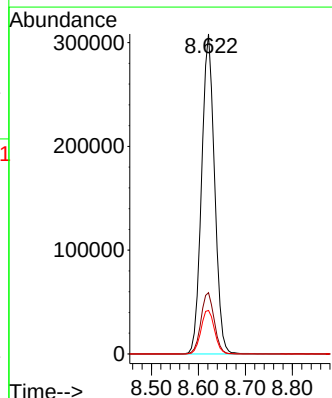
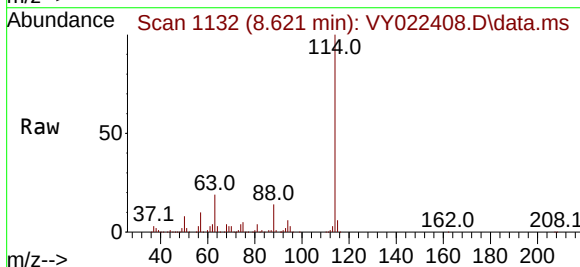
Tgt Ion: 114 Resp: 590839

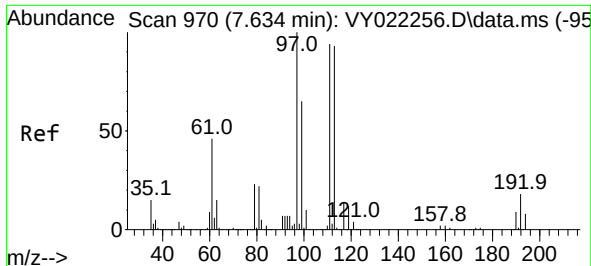
Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.0

88 13.6 0.0 29.4

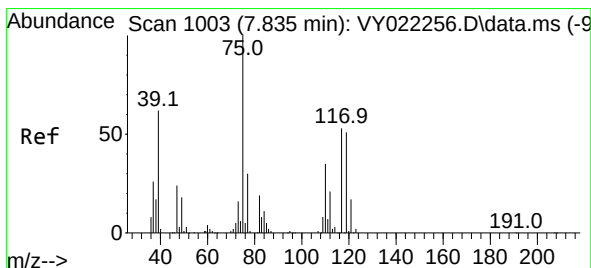
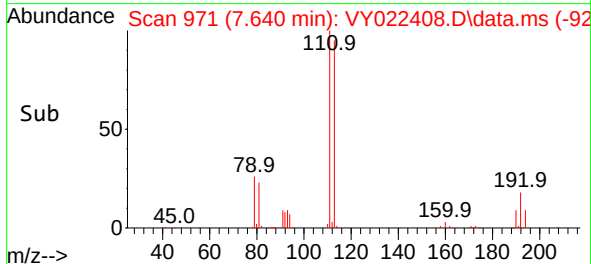
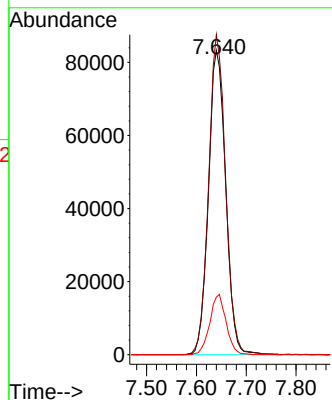
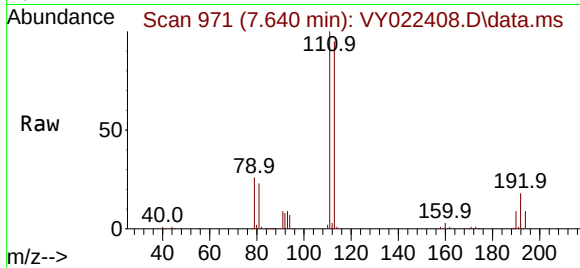




#35
Dibromofluoromethane
Concen: 56.734 ug/l
RT: 7.640 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY022408.D
Acq: 23 May 2025 15:26

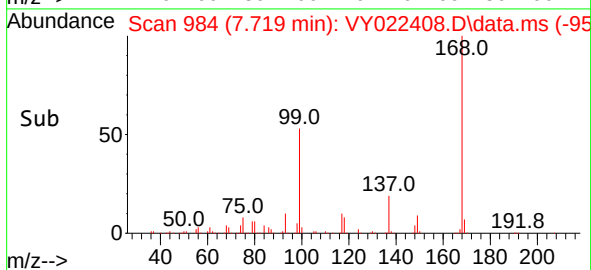
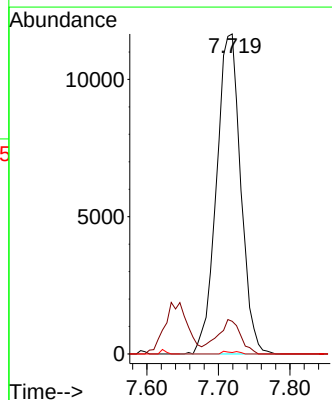
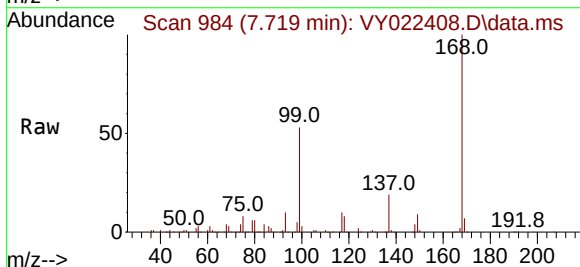
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBL01

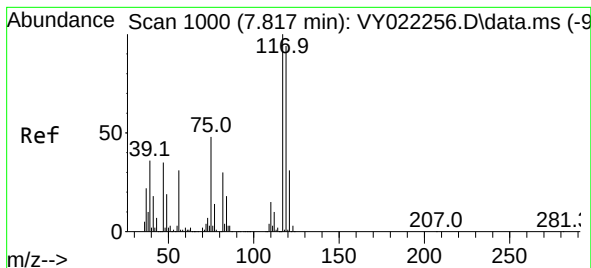
Tgt Ion:113 Resp: 200071
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 18.7 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.724 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.116 min
Lab File: VY022408.D
Acq: 23 May 2025 15:26

Tgt Ion: 75 Resp: 27439
Ion Ratio Lower Upper
75 100
110 10.3 16.6 49.8#
77 0.5 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.766 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.104 min

Lab File: VY022408.D

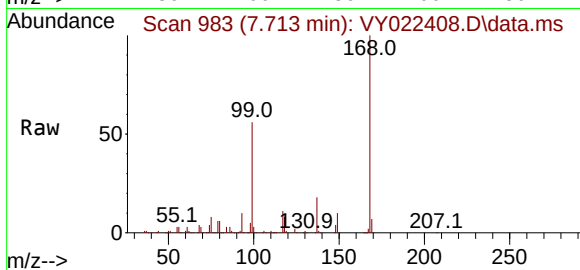
Acq: 23 May 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBL01



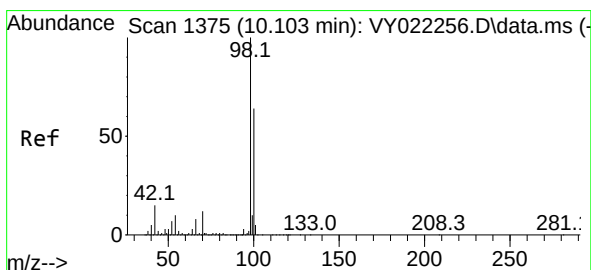
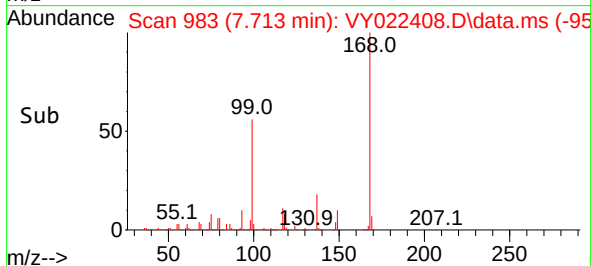
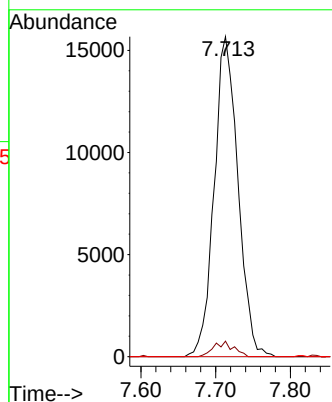
Tgt Ion:117 Resp: 34666

Ion Ratio Lower Upper

117 100

119 4.8 75.3 112.9#

121 0.0 24.7 37.1#



#50

Toluene-d8

Concen: 54.745 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022408.D

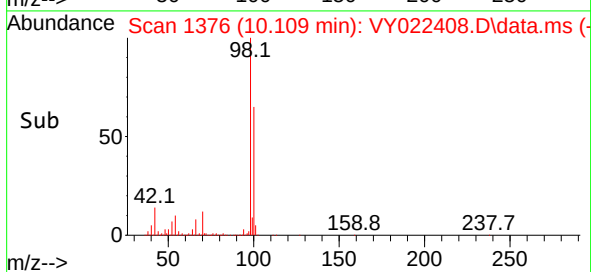
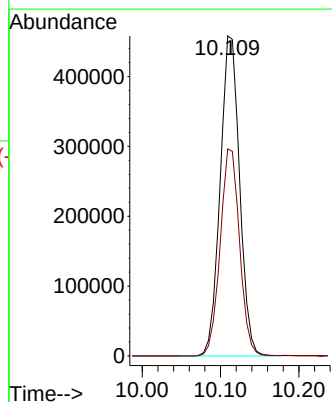
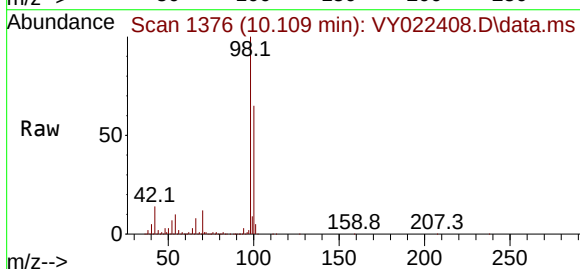
Acq: 23 May 2025 15:26

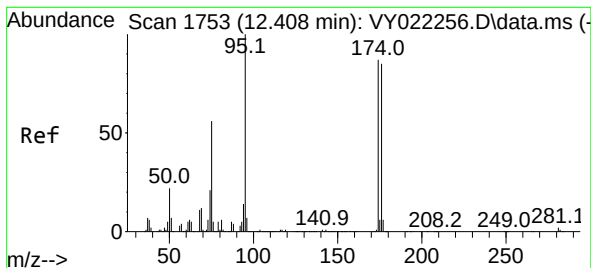
Tgt Ion: 98 Resp: 790680

Ion Ratio Lower Upper

98 100

100 64.7 51.8 77.8

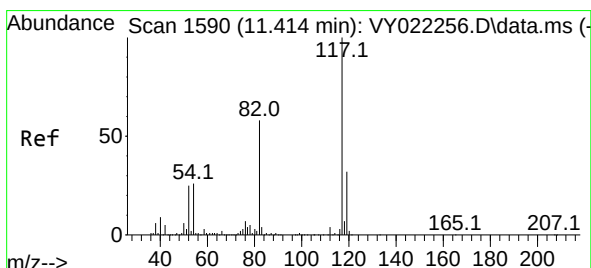
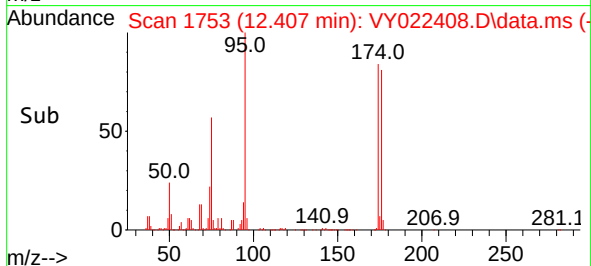
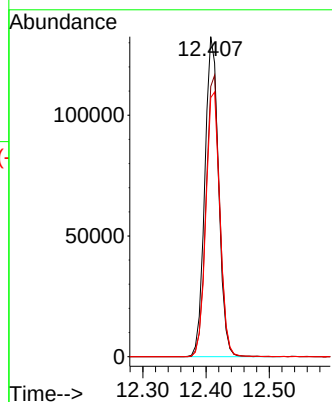
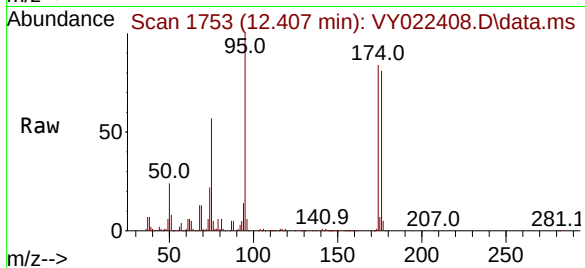




#62
4-Bromofluorobenzene
Concen: 44.010 ug/l
RT: 12.407 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022408.D
Acq: 23 May 2025 15:26

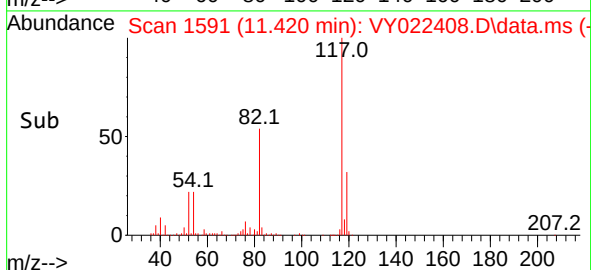
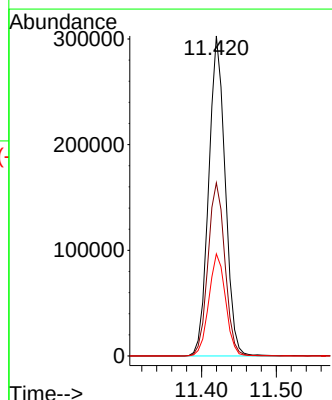
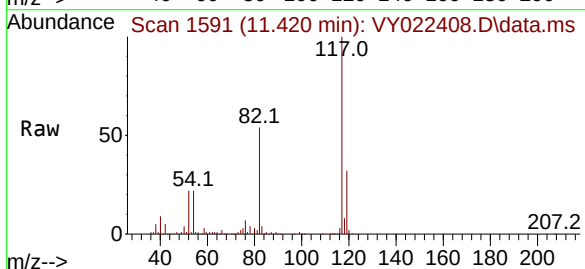
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBL01

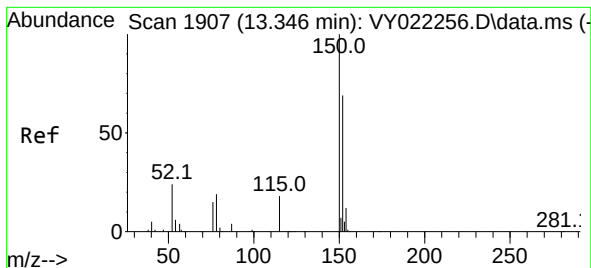
Tgt Ion: 95 Resp: 201473
Ion Ratio Lower Upper
95 100
174 87.0 0.0 166.8
176 84.0 0.0 160.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY022408.D
Acq: 23 May 2025 15:26

Tgt Ion: 117 Resp: 465211
Ion Ratio Lower Upper
117 100
82 54.1 46.6 70.0
119 31.9 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY022408.D

Acq: 23 May 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBL01

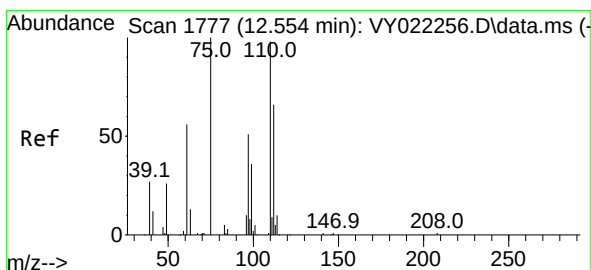
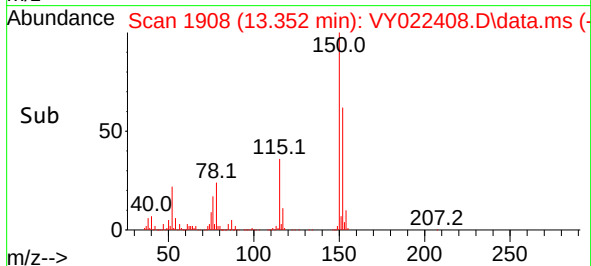
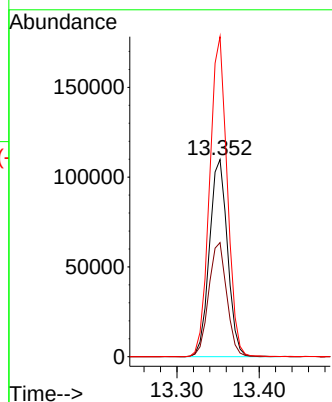
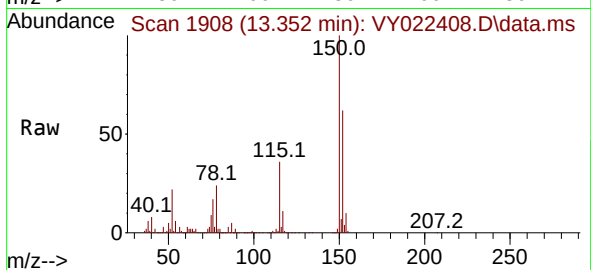
Tgt Ion:152 Resp: 167300

Ion Ratio Lower Upper

152 100

115 58.0 29.4 88.2

150 158.2 0.0 353.8



#76

1,2,3-Trichloropropane

Concen: 67.175 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY022408.D

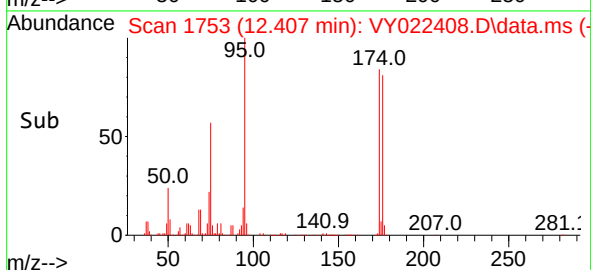
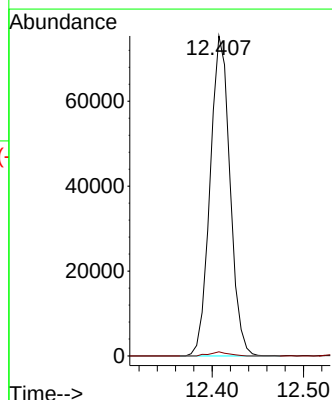
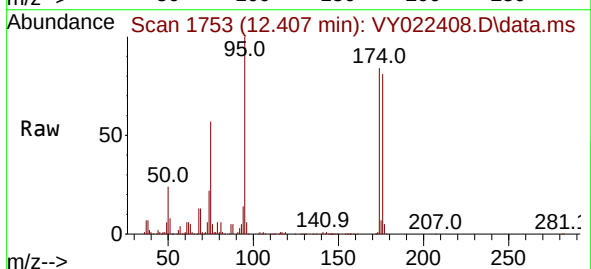
Acq: 23 May 2025 15:26

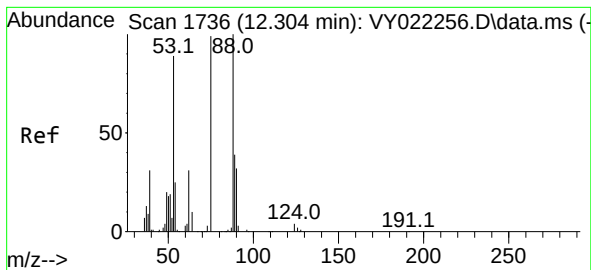
Tgt Ion: 75 Resp: 113856

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.079 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY022408.D
 Acq: 23 May 2025 15:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBL01

Tgt Ion: 75 Resp: 113856
 Ion Ratio Lower Upper
 75 100
 53 0.1 75.8 113.8#
 89 0.0 36.2 54.2#

