

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050525\
 Data File : VY022160.D
 Acq On : 05 May 2025 15:31
 Operator : SY/MD
 Sample : Q1936-06
 Misc : 7.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SMALL-PILE-C

Quant Time: May 06 05:22:21 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)

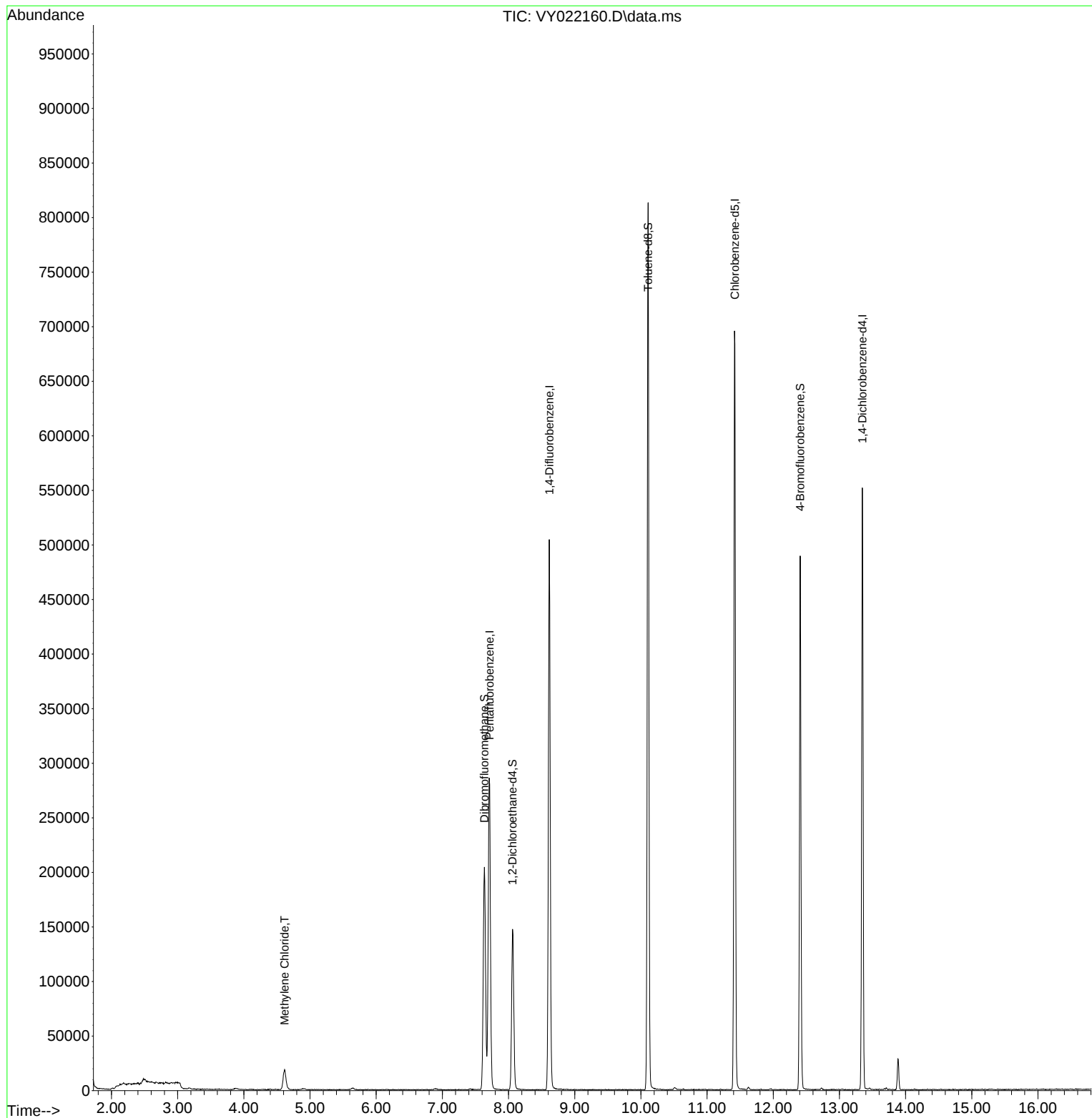
Internal Standards						
1) Pentafluorobenzene	7.713	168	226170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	437566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	386057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	139055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	118044	56.505	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.000%
35) Dibromofluoromethane	7.634	113	147191	50.917	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.840%
50) Toluene-d8	10.109	98	535484	49.135	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.260%
62) 4-Bromofluorobenzene	12.408	95	143263	39.049	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.100%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.616	84	14210	5.379	ug/l #	89

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

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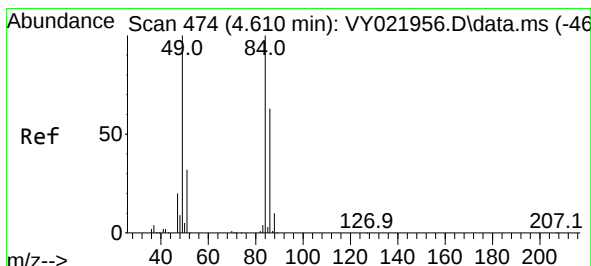
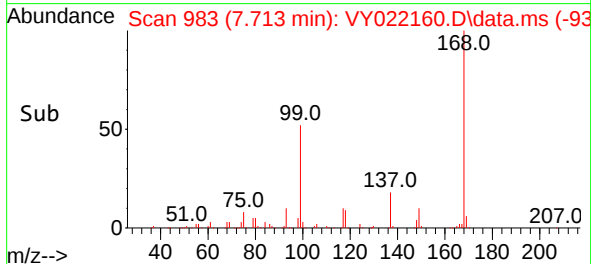
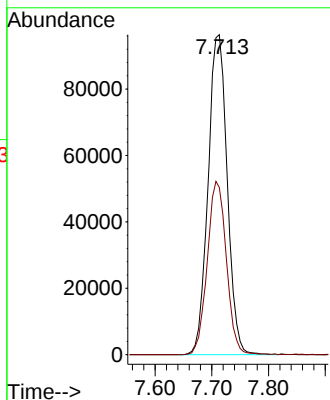
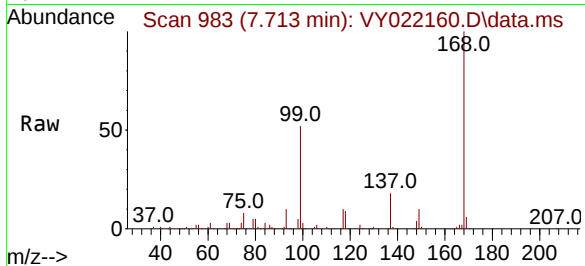




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022160.D
Acq: 05 May 2025 15:31

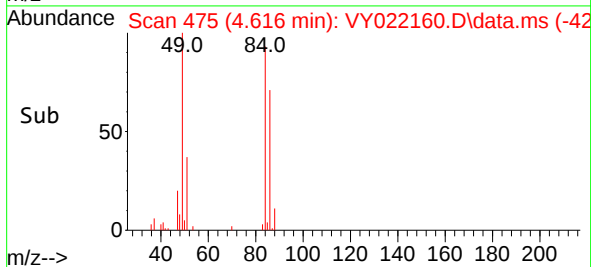
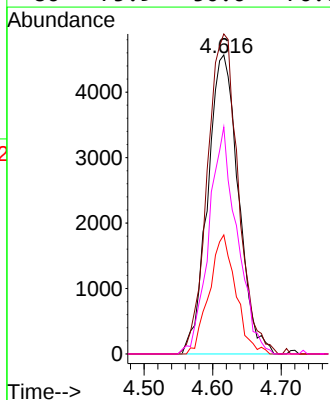
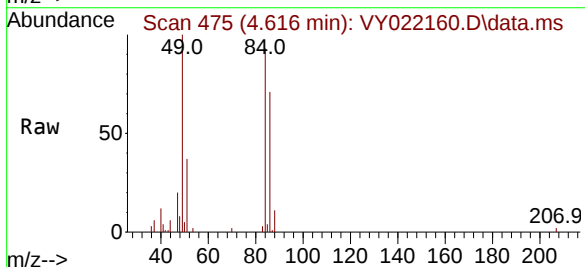
Instrument :
MSVOA_Y
ClientSampleId :
SMALL-PILE-C

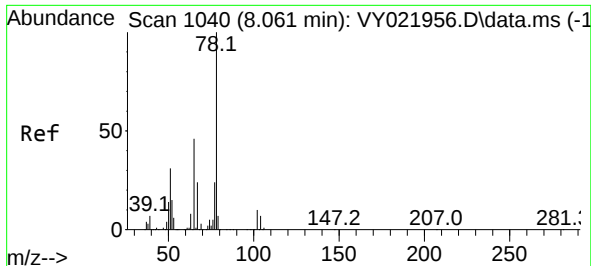
Tgt Ion:168 Resp: 226170
Ion Ratio Lower Upper
168 100
99 52.3 43.1 64.7



#20
Methylene Chloride
Concen: 5.379 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY022160.D
Acq: 05 May 2025 15:31

Tgt Ion: 84 Resp: 14210
Ion Ratio Lower Upper
84 100
49 107.0 79.9 119.9
51 39.8 25.4 38.0#
86 75.9 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 56.505 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY022160.D

Acq: 05 May 2025 15:31

Instrument :

MSVOA_Y

ClientSampleId :

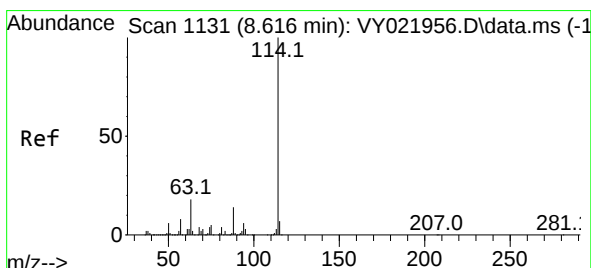
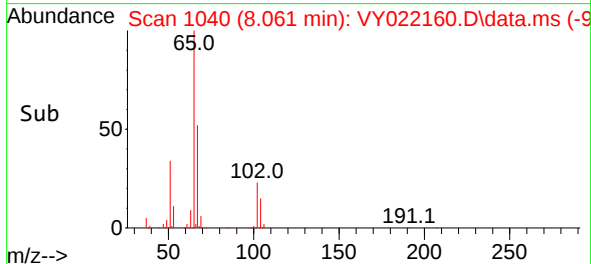
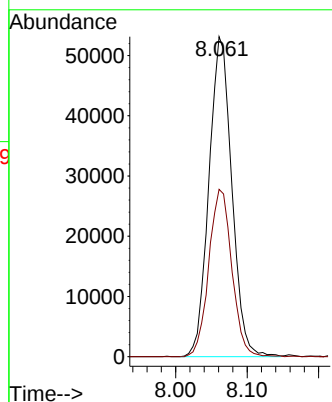
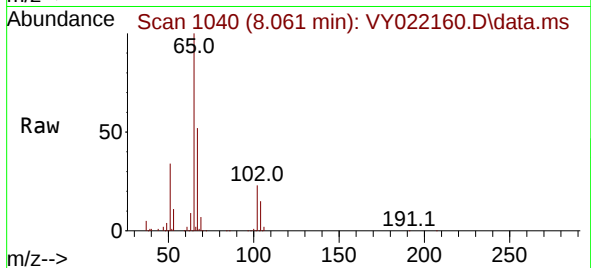
SMALL-PILE-C

Tgt Ion: 65 Resp: 118044

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022160.D

Acq: 05 May 2025 15:31

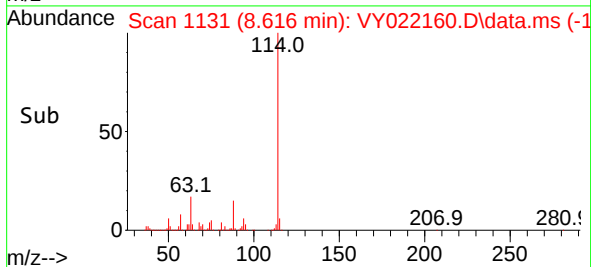
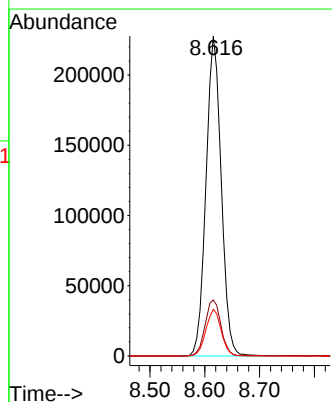
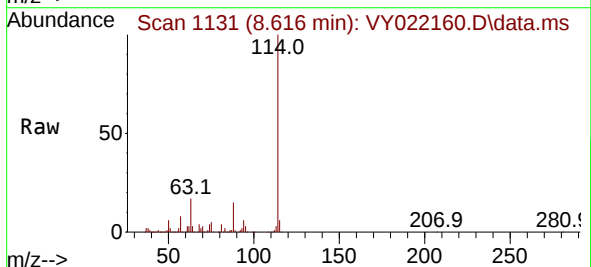
Tgt Ion:114 Resp: 437566

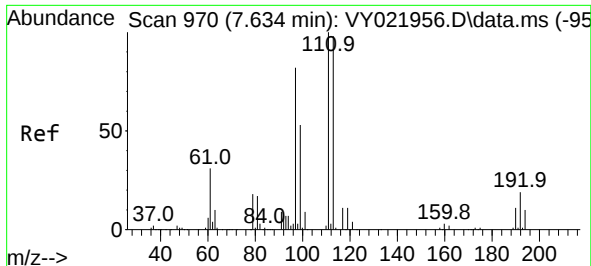
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.4

88 14.6 0.0 28.2

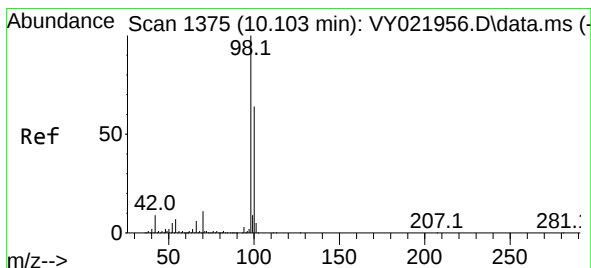
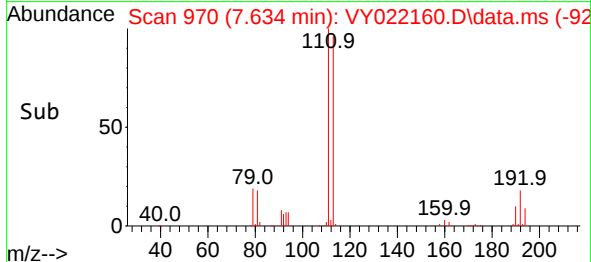
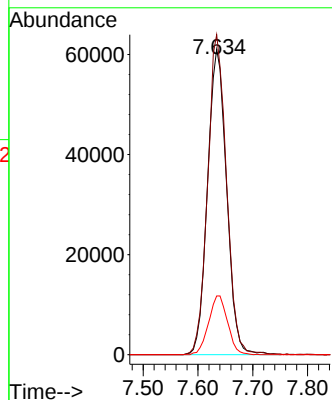
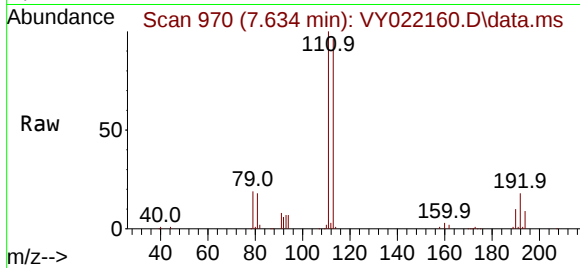




#35
Dibromofluoromethane
Concen: 50.917 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022160.D
Acq: 05 May 2025 15:31

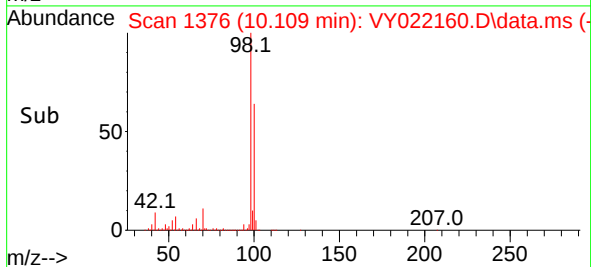
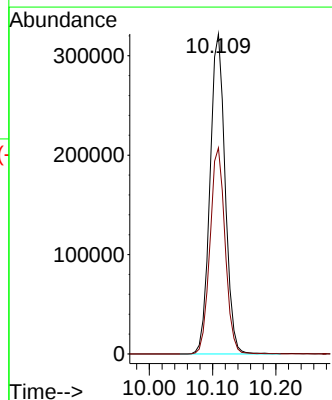
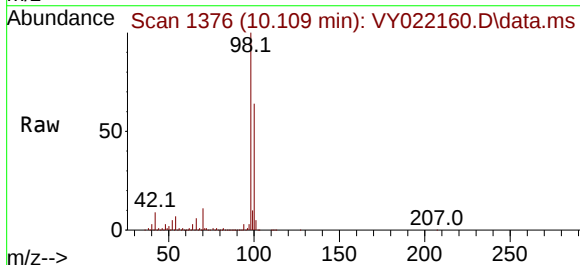
Instrument :
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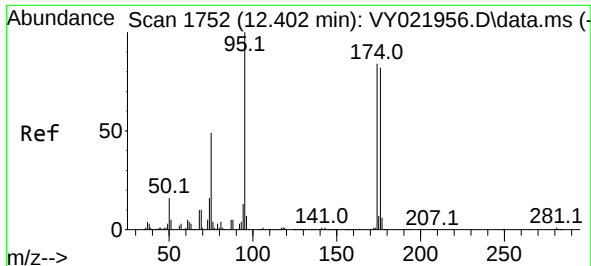
Tgt Ion:113 Resp: 147191
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.8
192 19.2 15.6 23.4



#50
Toluene-d8
Concen: 49.135 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022160.D
Acq: 05 May 2025 15:31

Tgt Ion: 98 Resp: 535484
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4

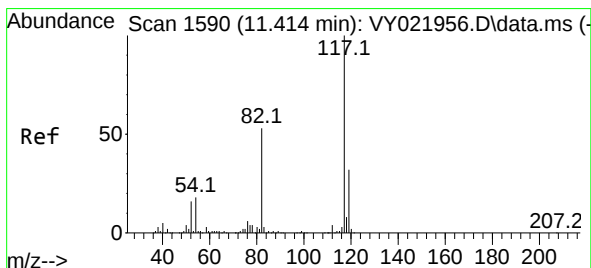
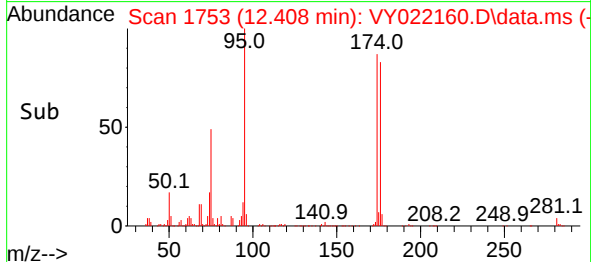
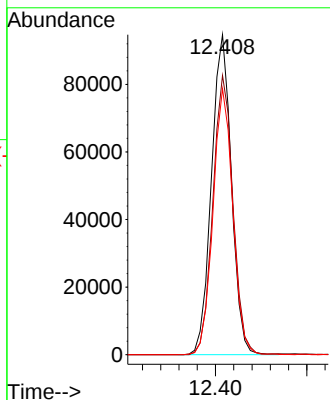
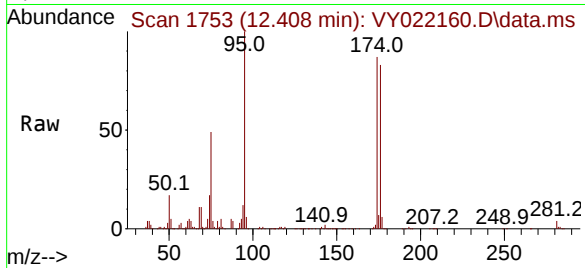




#62
4-Bromofluorobenzene
Concen: 39.049 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022160.D
Acq: 05 May 2025 15:31

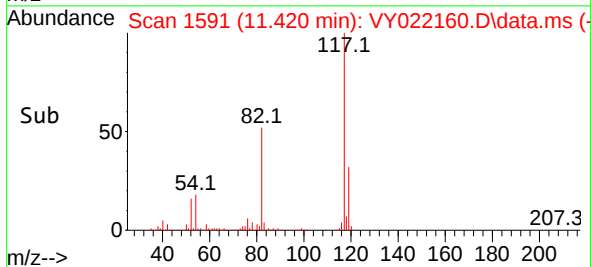
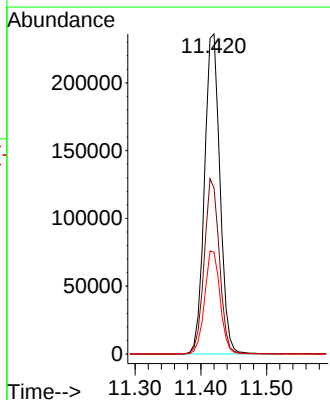
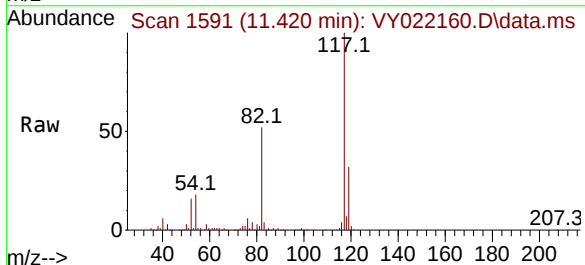
Instrument :
MSVOA_Y
ClientSampleId :
SMALL-PILE-C

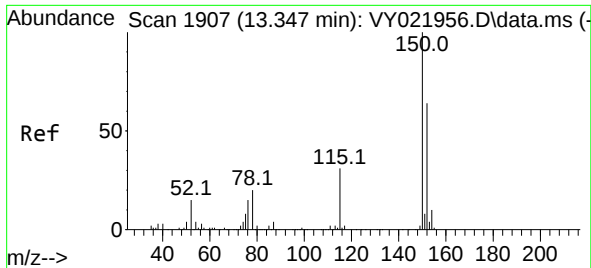
Tgt Ion: 95 Resp: 143263
Ion Ratio Lower Upper
95 100
174 88.0 0.0 179.0
176 82.8 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY022160.D
Acq: 05 May 2025 15:31

Tgt Ion: 117 Resp: 386057
Ion Ratio Lower Upper
117 100
82 51.9 42.1 63.1
119 31.8 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022160.D

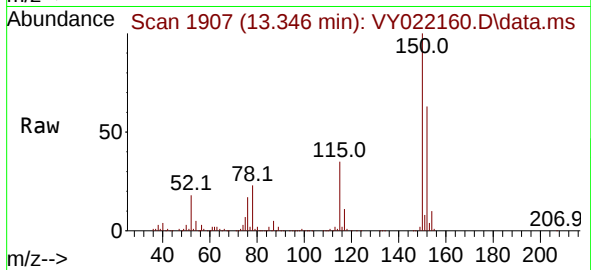
Acq: 05 May 2025 15:31

Instrument :

MSVOA_Y

ClientSampleId :

SMALL-PILE-C



Tgt Ion:152 Resp: 139055

Ion Ratio Lower Upper

152 100

115 56.9 28.0 84.0

150 159.0 0.0 345.6

