

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111025\
 Data File : VY023716.D
 Acq On : 10 Nov 2025 15:52
 Operator : SY/MD
 Sample : Q3580-01RE
 Misc : 5.92g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 346RE

Quant Time: Nov 10 17:29:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

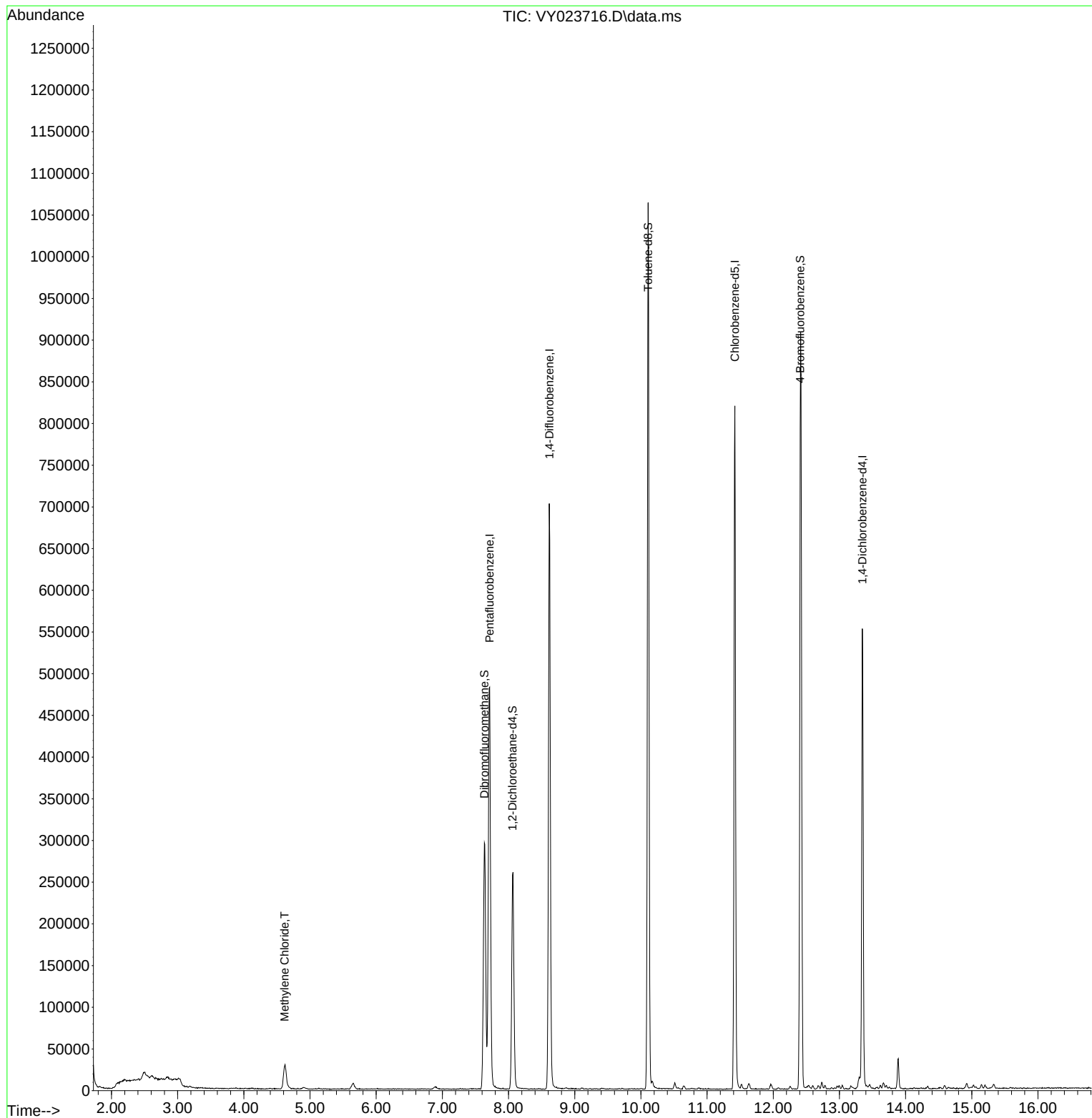
Internal Standards						
1) Pentafluorobenzene	7.713	168	397413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	620774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	464615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	146572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	204612	61.570	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.140%	
35) Dibromofluoromethane	7.634	113	214926	56.347	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.700%	
50) Toluene-d8	10.109	98	709315	49.934	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.860%	
62) 4-Bromofluorobenzene	12.408	95	162745	34.702	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 69.400%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.616	84	23362	5.461	ug/l	97

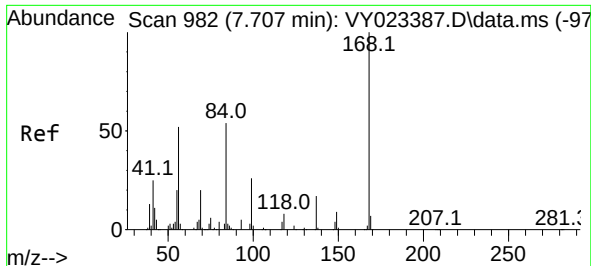
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111025\
Data File : VY023716.D
Acq On : 10 Nov 2025 15:52
Operator : SY/MD
Sample : Q3580-01RE
Misc : 5.92g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
346RE

Quant Time: Nov 10 17:29:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

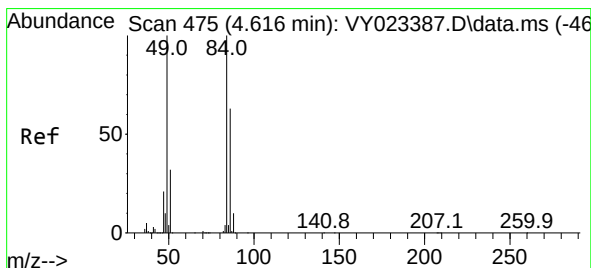
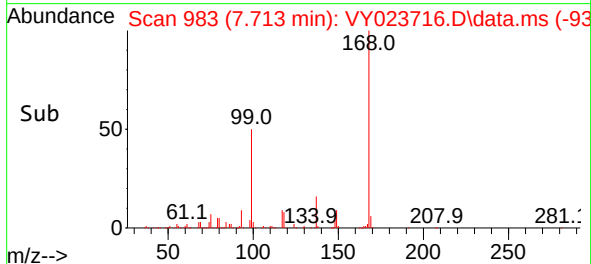
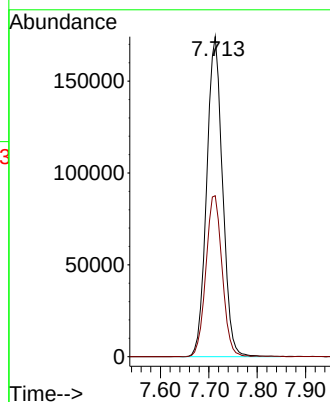
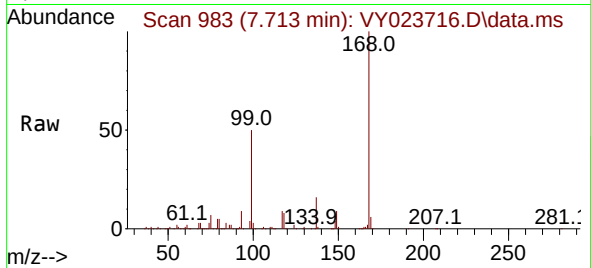




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023716.D
Acq: 10 Nov 2025 15:52

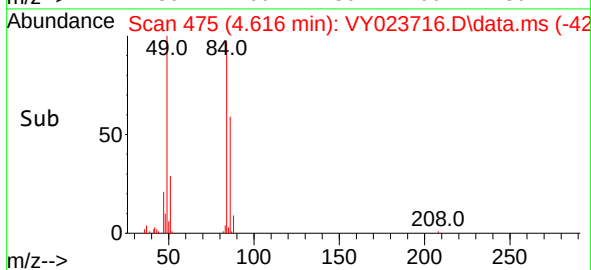
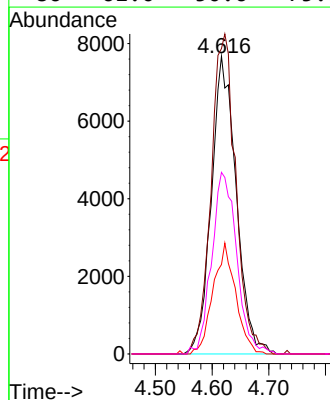
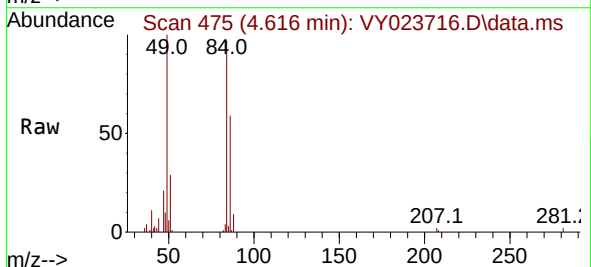
Instrument :
MSVOA_Y
ClientSampleId :
346RE

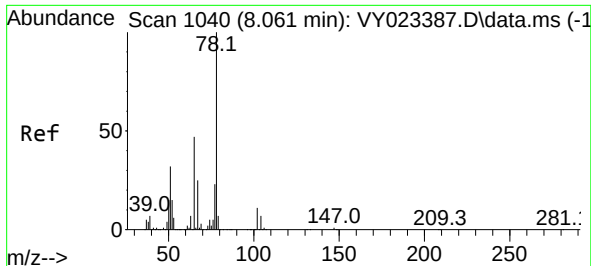
Tgt Ion:168 Resp: 397413
Ion Ratio Lower Upper
168 100
99 50.3 39.7 59.5



#20
Methylene Chloride
Concen: 5.461 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023716.D
Acq: 10 Nov 2025 15:52

Tgt Ion: 84 Resp: 23362
Ion Ratio Lower Upper
84 100
49 102.6 80.2 120.4
51 30.1 25.9 38.9
86 61.0 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 61.570 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. -0.000 min

Lab File: VY023716.D

Acq: 10 Nov 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

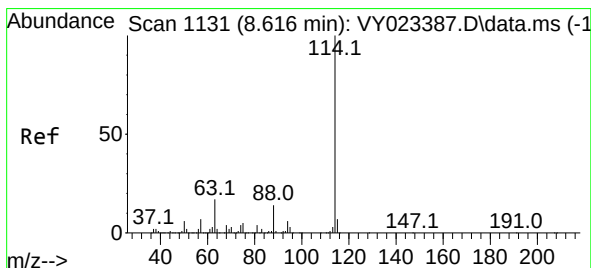
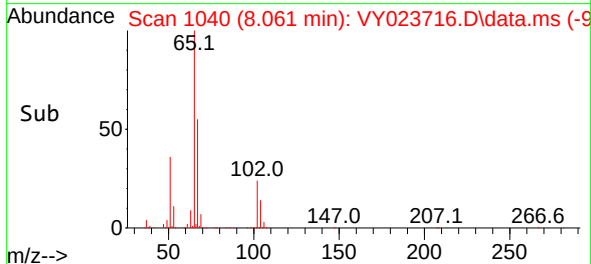
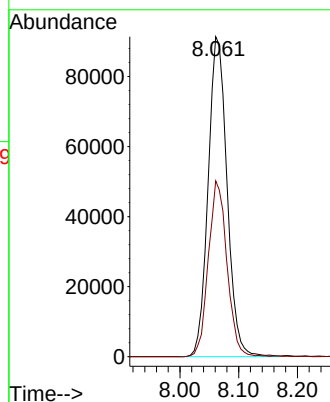
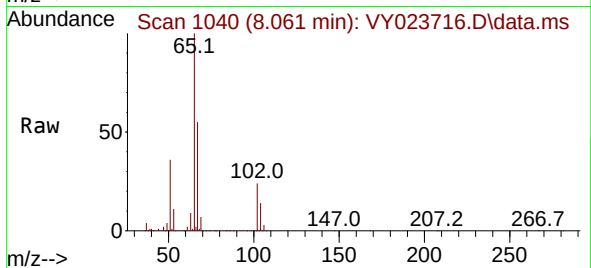
346RE

Tgt Ion: 65 Resp: 204612

Ion Ratio Lower Upper

65 100

67 54.0 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: VY023716.D

Acq: 10 Nov 2025 15:52

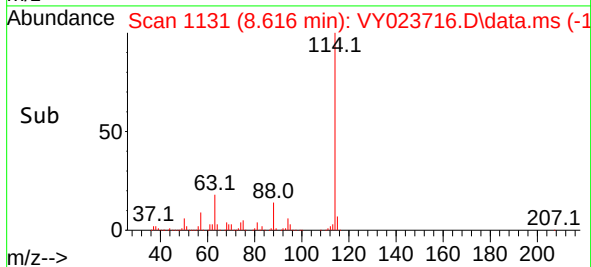
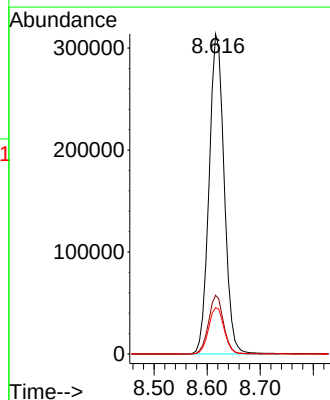
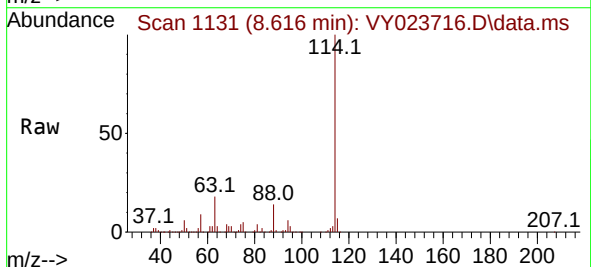
Tgt Ion: 114 Resp: 620774

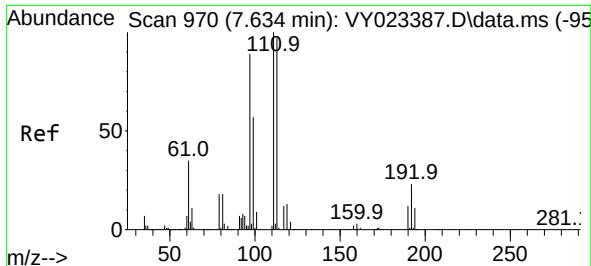
Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.2

88 14.5 0.0 28.4

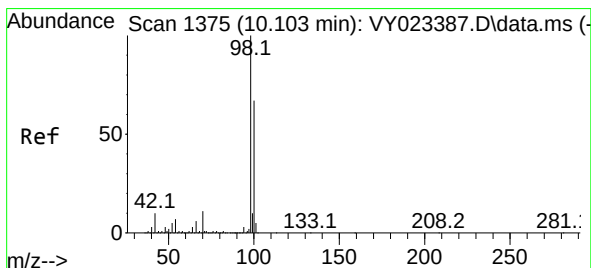
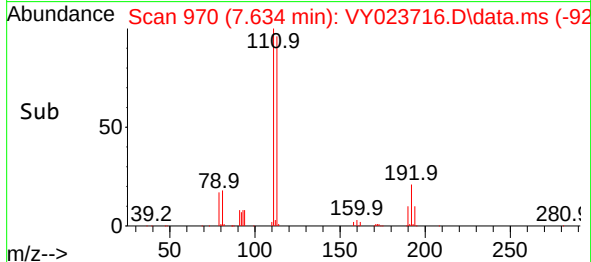
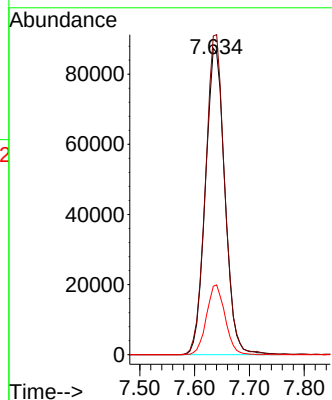
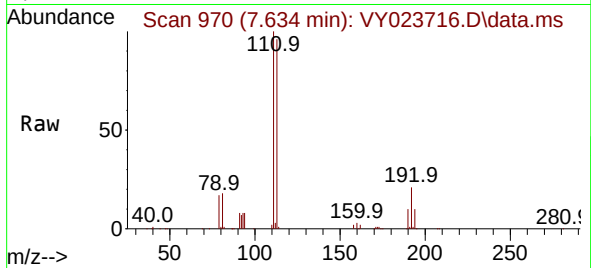




#35
Dibromofluoromethane
Concen: 56.347 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023716.D
Acq: 10 Nov 2025 15:52

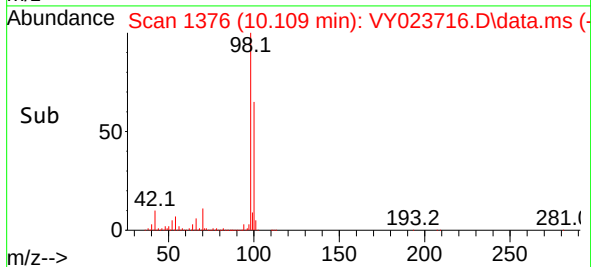
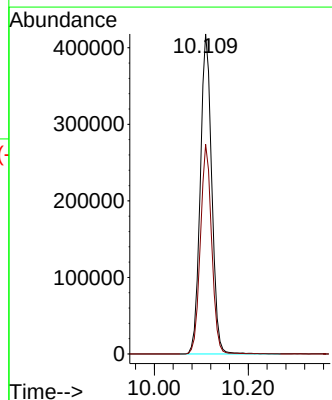
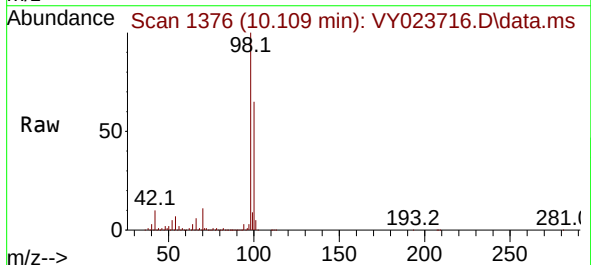
Instrument :
MSVOA_Y
ClientSampleId :
346RE

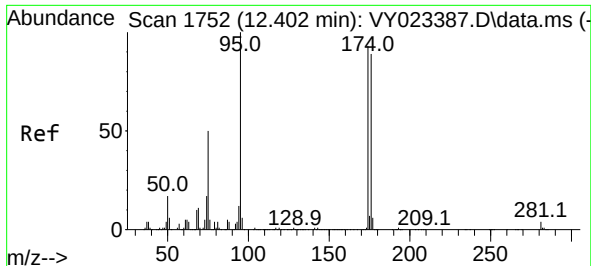
Tgt Ion:113 Resp: 214926
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.6
192 21.7 18.0 27.0



#50
Toluene-d8
Concen: 49.934 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023716.D
Acq: 10 Nov 2025 15:52

Tgt Ion: 98 Resp: 709315
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4

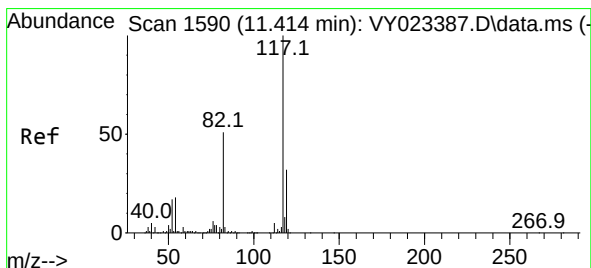
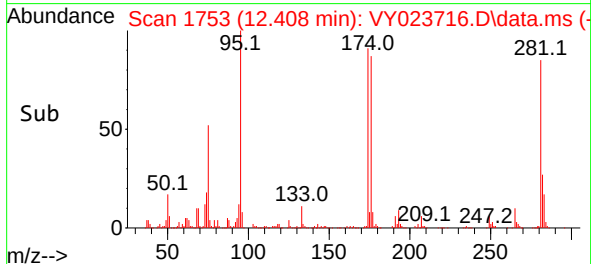
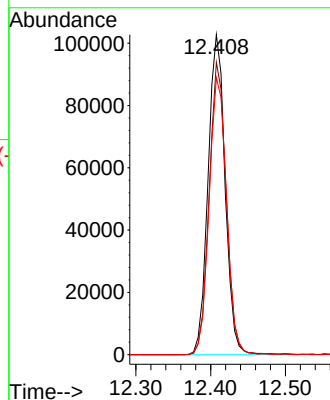
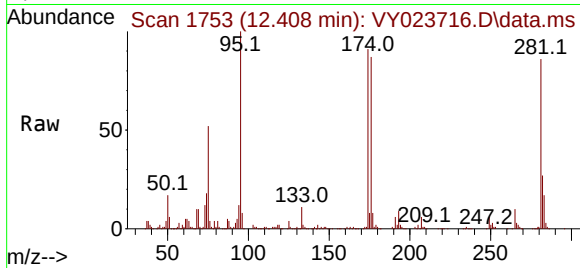




#62
4-Bromofluorobenzene
Concen: 34.702 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023716.D
Acq: 10 Nov 2025 15:52

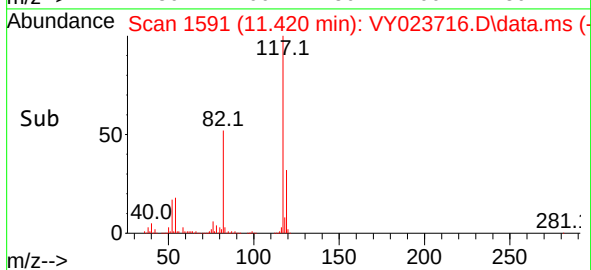
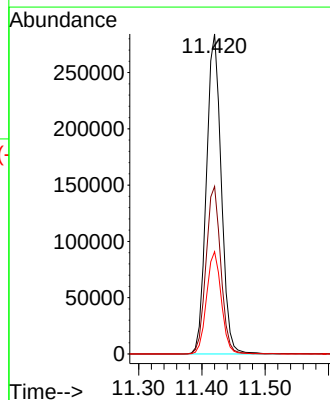
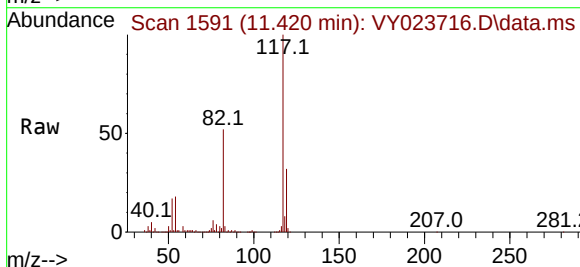
Instrument :
MSVOA_Y
ClientSampleId :
346RE

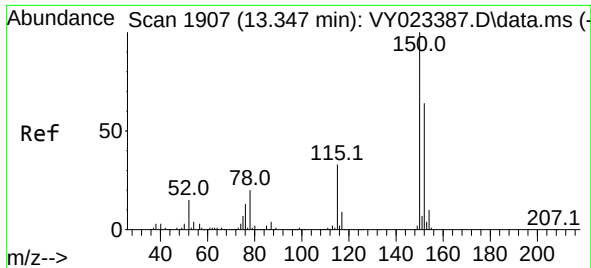
Tgt Ion: 95 Resp: 162745
Ion Ratio Lower Upper
95 100
174 91.5 0.0 192.8
176 88.6 0.0 187.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY023716.D
Acq: 10 Nov 2025 15:52

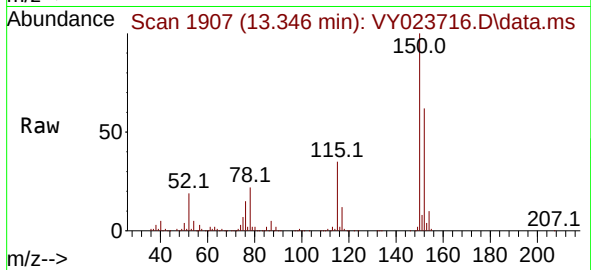
Tgt Ion: 117 Resp: 464615
Ion Ratio Lower Upper
117 100
82 52.4 41.0 61.4
119 31.9 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY023716.D
 Acq: 10 Nov 2025 15:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 346RE



Tgt Ion:152 Resp: 146572
 Ion Ratio Lower Upper
 152 100
 115 56.4 27.1 81.2
 150 158.1 0.0 347.4

