

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100925\
 Data File : VY023418.D
 Acq On : 09 Oct 2025 13:21
 Operator : SY/MD
 Sample : Q3310-03
 Misc : 8.17g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-01-2-3

Quant Time: Oct 10 04:26:12 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)

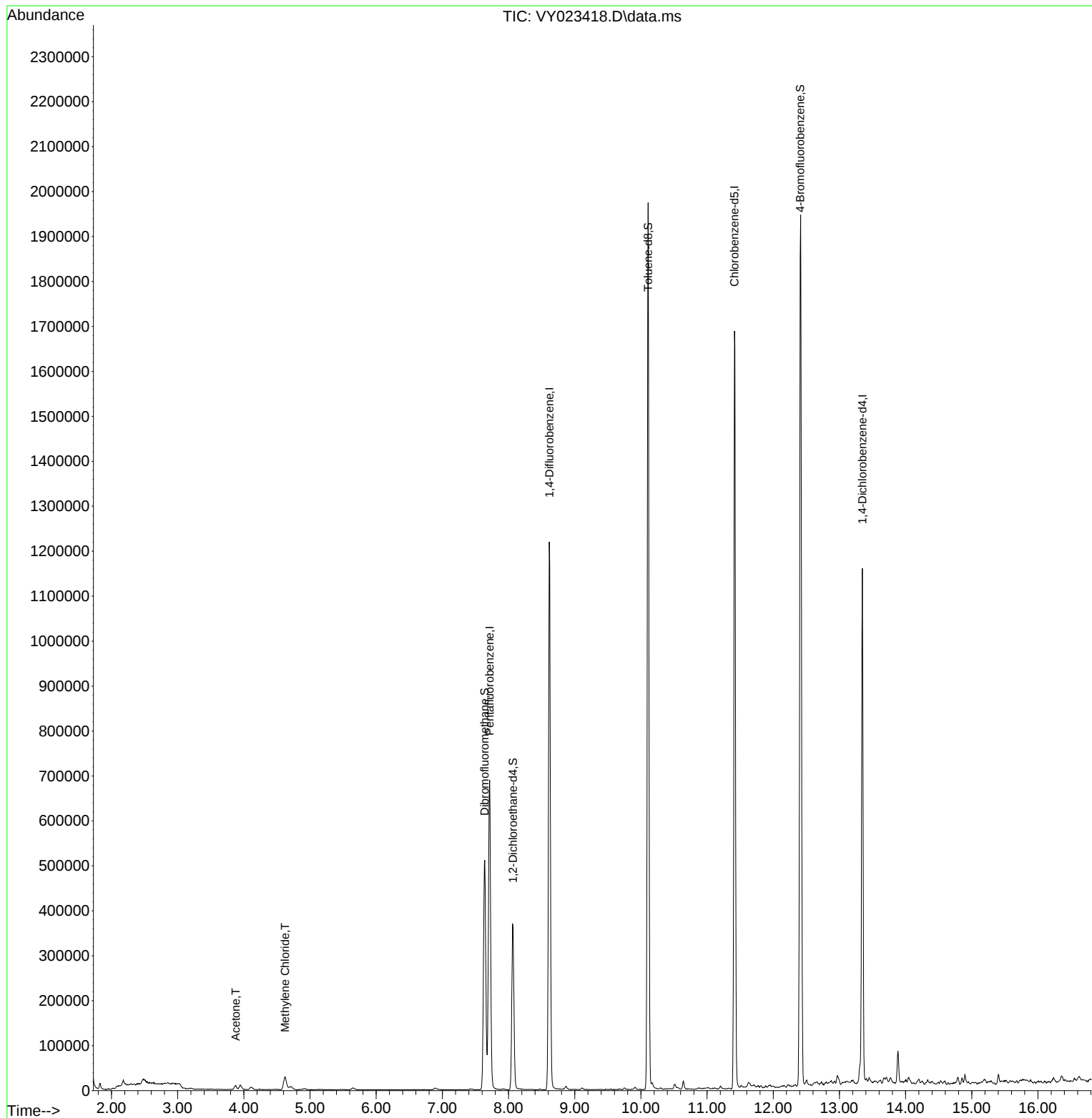
Internal Standards						
1) Pentafluorobenzene	7.713	168	579062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1100821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	963674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	310632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	289335	59.753	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.500%
35) Dibromofluoromethane	7.640	113	371361	54.902	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.800%
50) Toluene-d8	10.109	98	1309292	51.977	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.960%
62) 4-Bromofluorobenzene	12.408	95	352514	42.388	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.780%
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	14388	12.481	ug/l	99
20) Methylene Chloride	4.622	84	23323	3.742	ug/l	96

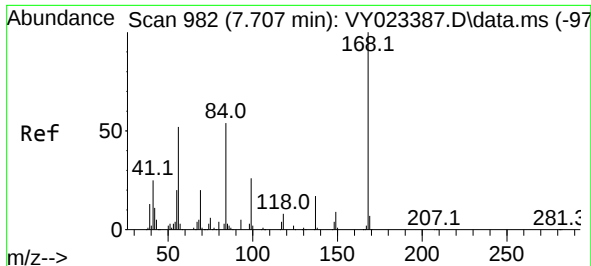
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100925\
Data File : VY023418.D
Acq On : 09 Oct 2025 13:21
Operator : SY/MD
Sample : Q3310-03
Misc : 8.17g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-01-2-3

Quant Time: Oct 10 04:26:12 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

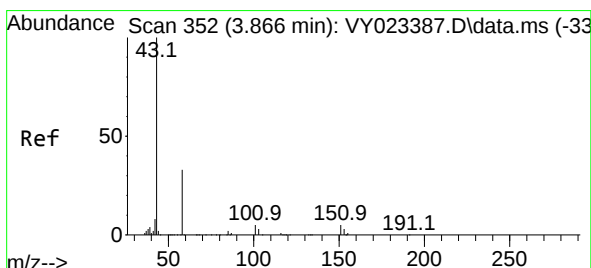
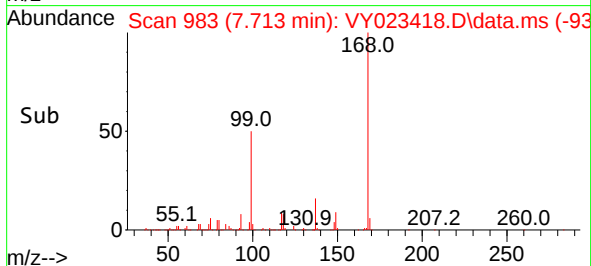
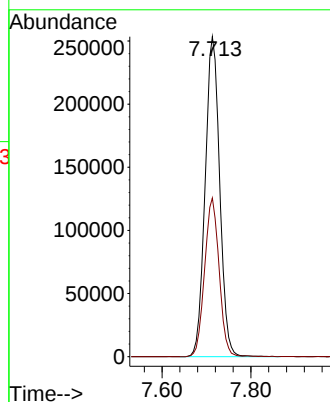
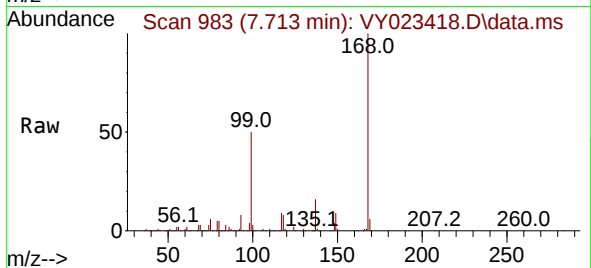




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023418.D
Acq: 09 Oct 2025 13:21

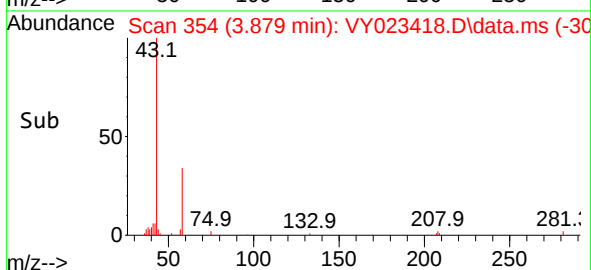
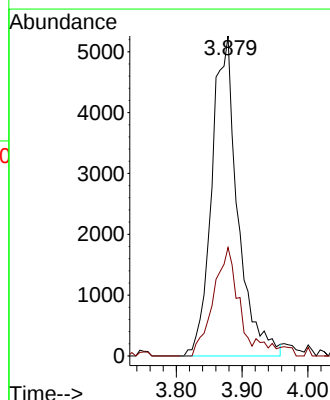
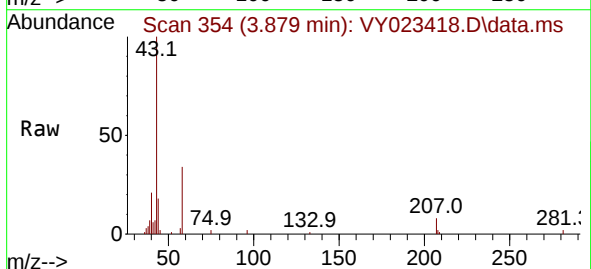
Instrument :
MSVOA_Y
ClientSampleId :
SS-01-2-3

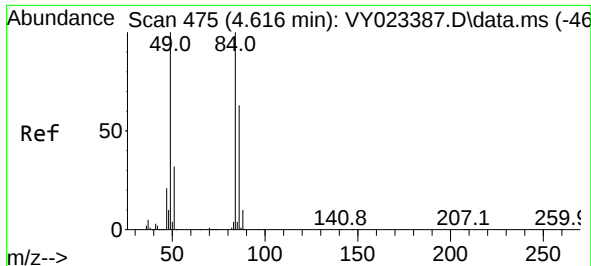
Tgt Ion:168 Resp: 579062
Ion Ratio Lower Upper
168 100
99 49.6 39.7 59.5



#16
Acetone
Concen: 12.481 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.012 min
Lab File: VY023418.D
Acq: 09 Oct 2025 13:21

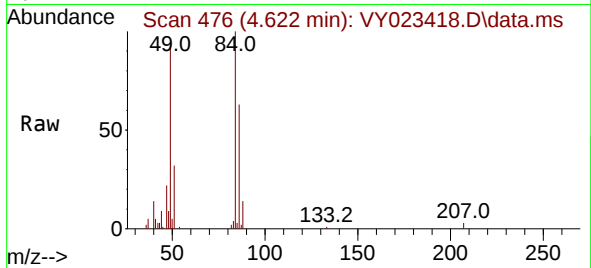
Tgt Ion: 43 Resp: 14388
Ion Ratio Lower Upper
43 100
58 33.9 27.7 41.5



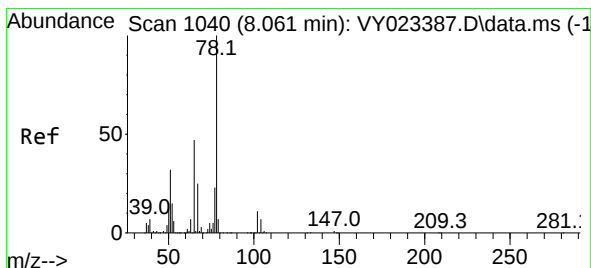
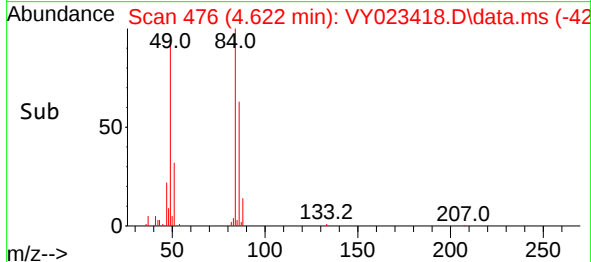
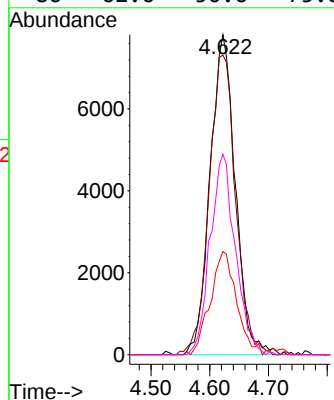


#20
Methylene Chloride
Concen: 3.742 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY023418.D
Acq: 09 Oct 2025 13:21

Instrument :
MSVOA_Y
ClientSampleId :
SS-01-2-3

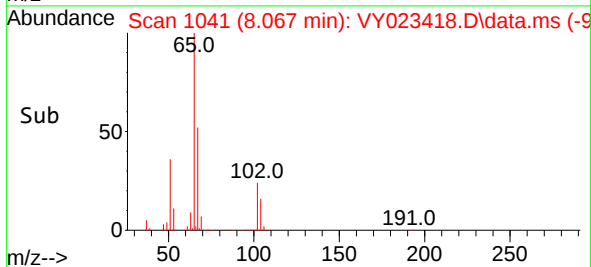
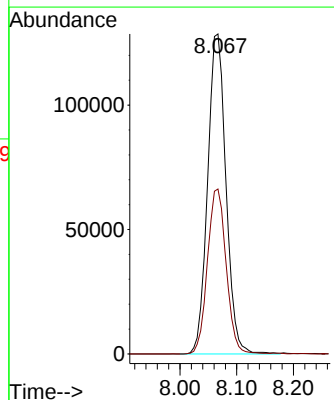
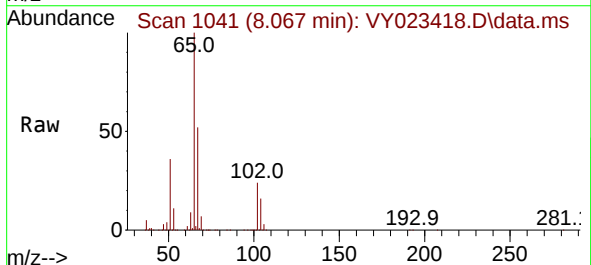


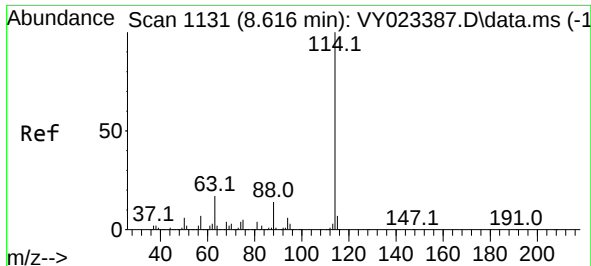
Tgt Ion:	84	Resp:	23323
Ion	Ratio	Lower	Upper
84	100		
49	93.6	80.2	120.4
51	32.3	25.9	38.9
86	62.6	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 59.753 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023418.D
Acq: 09 Oct 2025 13:21

Tgt Ion:	65	Resp:	289335
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	105.8

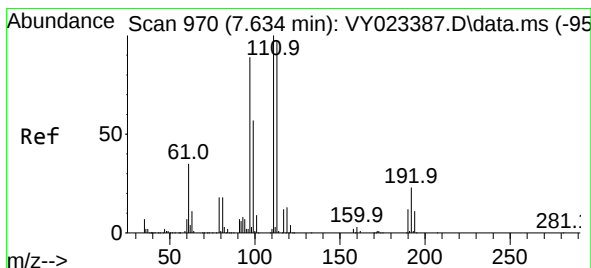
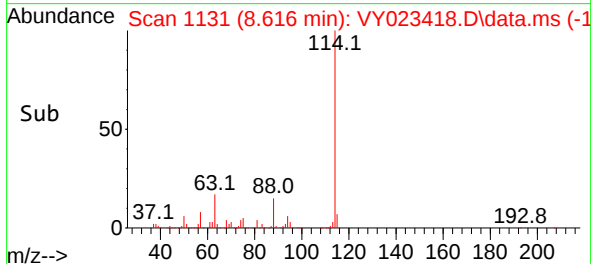
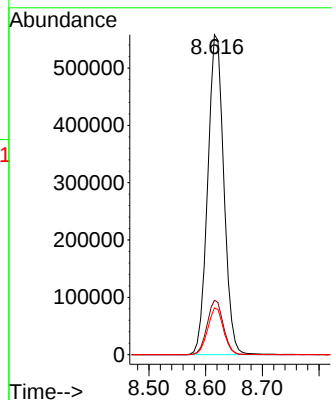
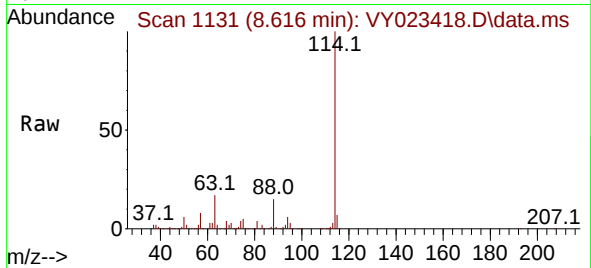




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023418.D
Acq: 09 Oct 2025 13:21

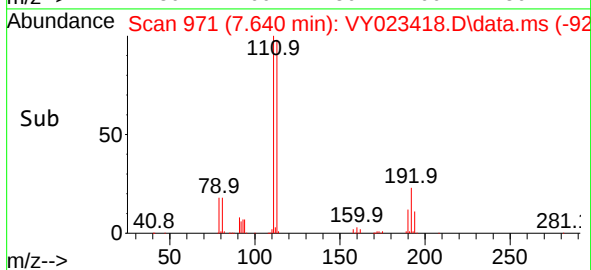
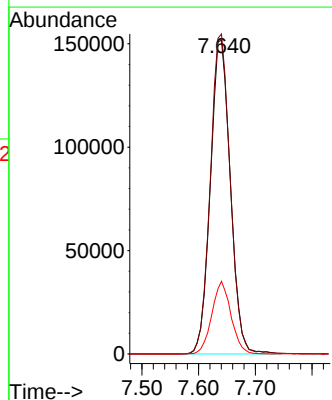
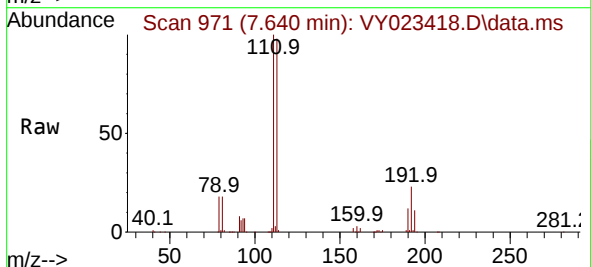
Instrument :
MSVOA_Y
ClientSampleId :
SS-01-2-3

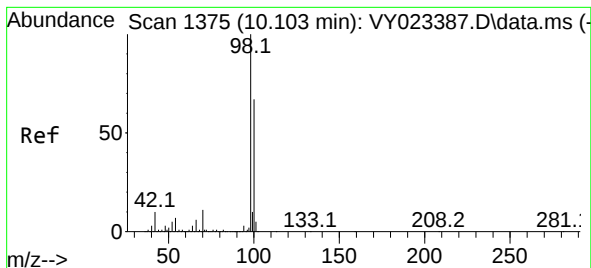
Tgt Ion:114 Resp: 1100821
Ion Ratio Lower Upper
114 100
63 17.0 0.0 34.2
88 14.6 0.0 28.4



#35
Dibromofluoromethane
Concen: 54.902 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023418.D
Acq: 09 Oct 2025 13:21

Tgt Ion:113 Resp: 371361
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.6
192 22.3 18.0 27.0





#50

Toluene-d8

Concen: 51.977 ug/l

RT: 10.109 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023418.D

Acq: 09 Oct 2025 13:21

Instrument :

MSVOA_Y

ClientSampleId :

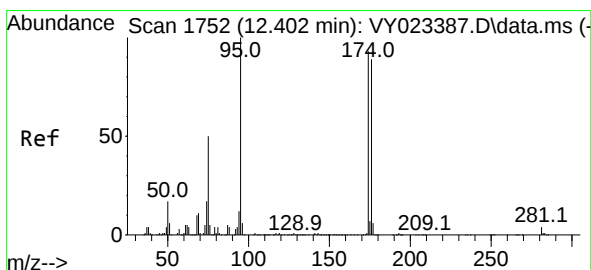
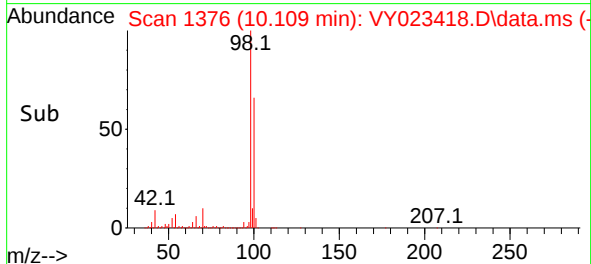
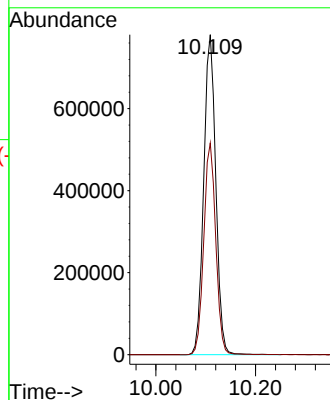
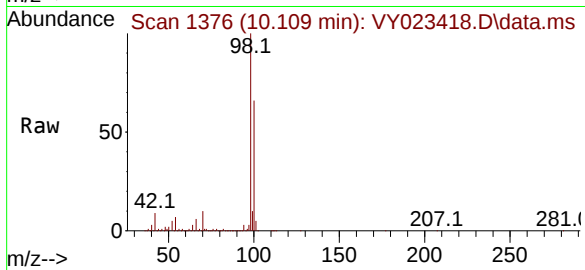
SS-01-2-3

Tgt Ion: 98 Resp: 1309292

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 42.388 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY023418.D

Acq: 09 Oct 2025 13:21

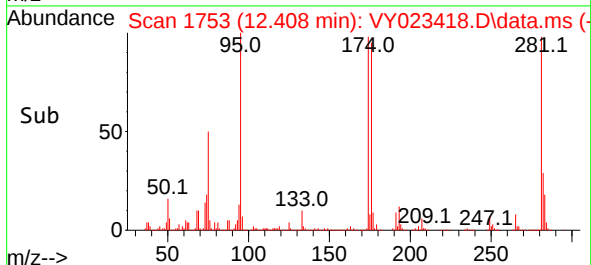
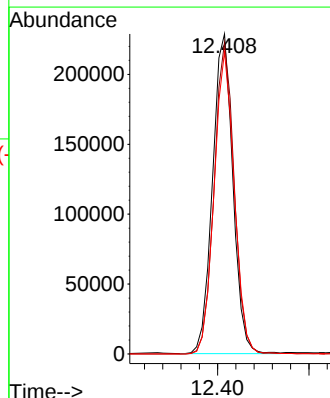
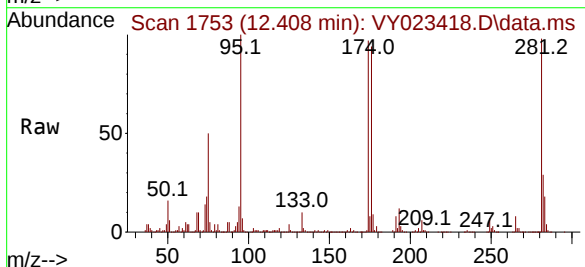
Tgt Ion: 95 Resp: 352514

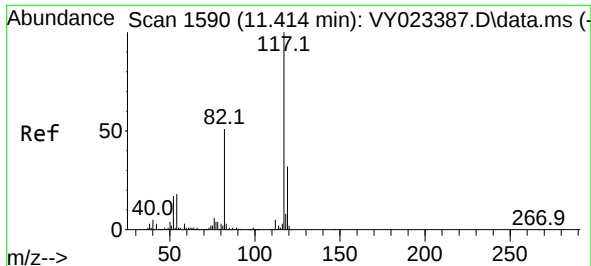
Ion Ratio Lower Upper

95 100

174 96.5 0.0 192.8

176 93.8 0.0 187.6

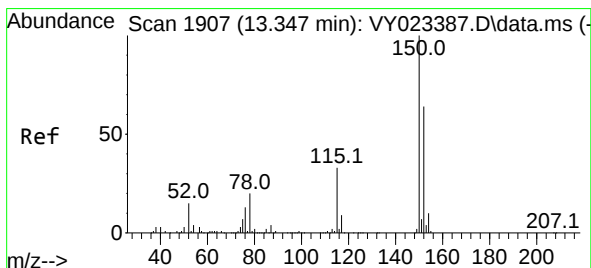
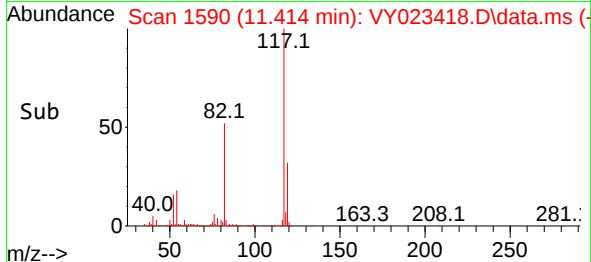
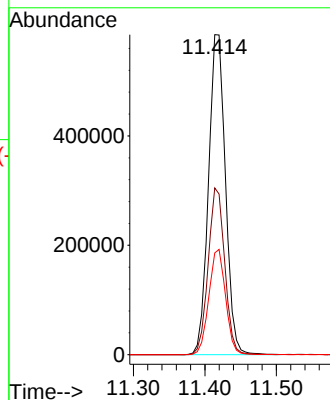
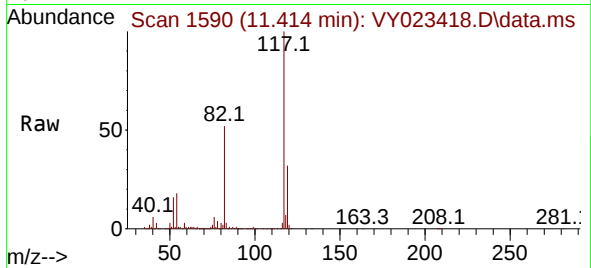




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023418.D
Acq: 09 Oct 2025 13:21

Instrument :
MSVOA_Y
ClientSampleId :
SS-01-2-3

Tgt Ion:117 Resp: 963674
Ion Ratio Lower Upper
117 100
82 52.1 41.0 61.4
119 31.8 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: VY023418.D
Acq: 09 Oct 2025 13:21

Tgt Ion:152 Resp: 310632
Ion Ratio Lower Upper
152 100
115 53.3 27.1 81.2
150 154.5 0.0 347.4

