

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
 Data File : VY020947.D
 Acq On : 27 Jan 2025 14:47
 Operator : SY/MD
 Sample : Q1194-02
 Misc : 5.72g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-110-SB02

Quant Time: Jan 28 01:13:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 01:12:18 2025
 Response via : Initial Calibration

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

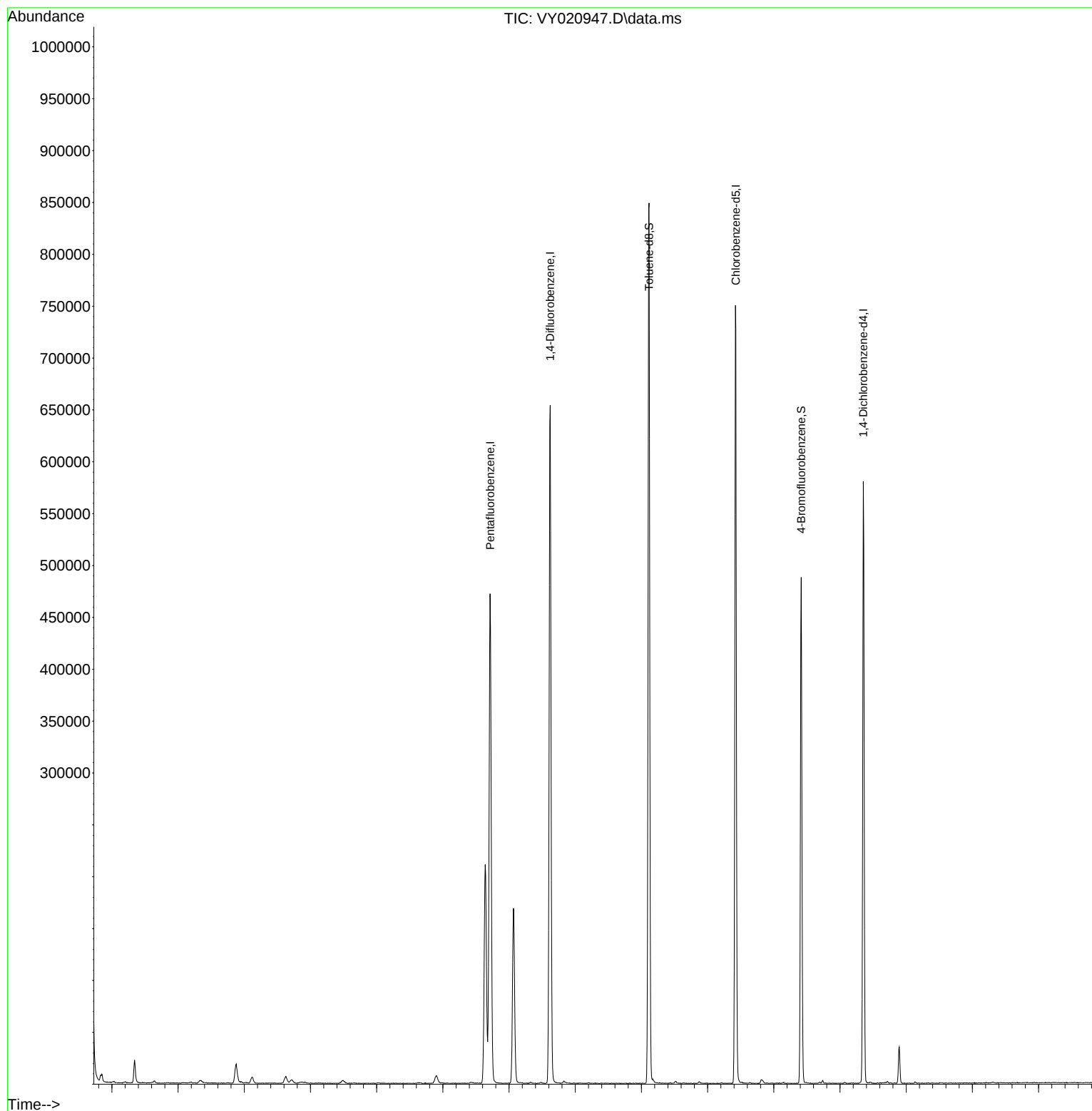
Internal Standards						
1) Pentafluorobenzene	7.713	168	382024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	583439	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	419826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	153323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	134752	44.240	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.480%
35) Dibromofluoromethane	7.640	113	153725	45.896	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.800%
50) Toluene-d8	10.115	98	578784	44.550	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.100%
62) 4-Bromofluorobenzene	12.414	95	146415	33.863	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	67.720%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	2528	10.751	ug/l #	86
16) Acetone	3.879	43	31891	77.277	ug/l	96
17) Carbon Disulfide	4.116	76	11967	1.250	ug/l	100

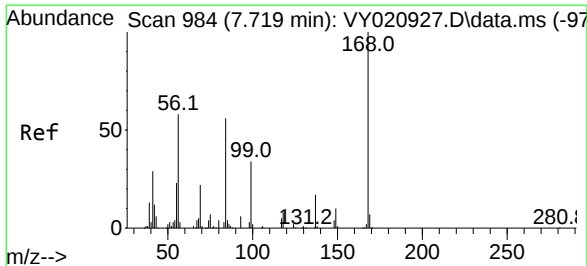
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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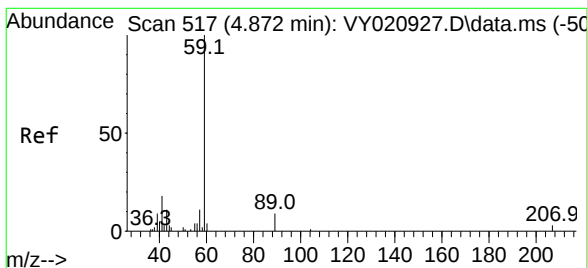
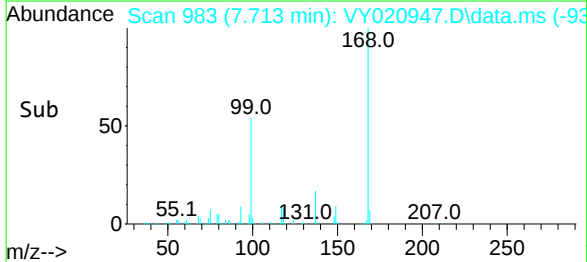
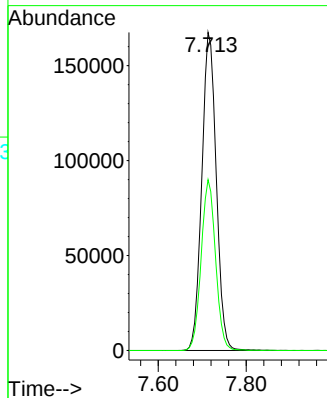
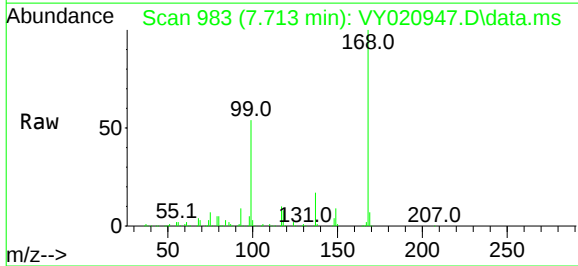




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020947.D
Acq: 27 Jan 2025 14:47

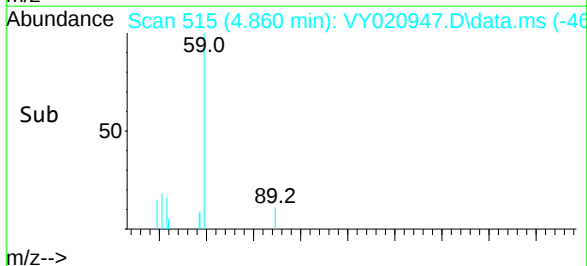
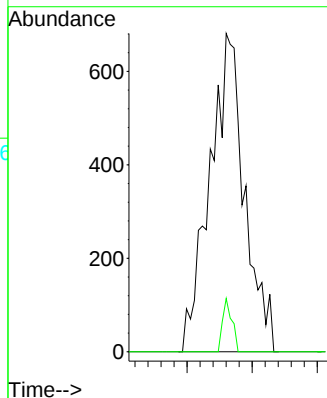
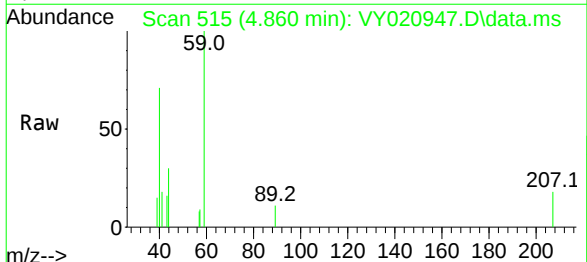
Instrument :
MSVOA_Y
ClientSampleId :
B-110-SB02

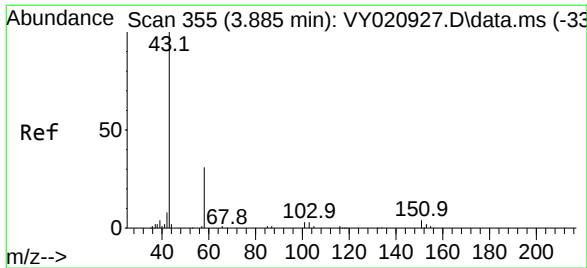
Tgt Ion:168 Resp: 382024
Ion Ratio Lower Upper
168 100
99 53.7 43.0 64.6



#11
Tert butyl alcohol
Concen: 10.751 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY020947.D
Acq: 27 Jan 2025 14:47

Tgt Ion: 59 Resp: 2528
Ion Ratio Lower Upper
59 100
57 4.5 7.7 11.5#





#16

Acetone

Concen: 77.277 ug/l

RT: 3.879 min Scan# 35

Delta R.T. -0.006 min

Lab File: VY020947.D

Acq: 27 Jan 2025 14:47

Instrument :

MSVOA_Y

ClientSampleId :

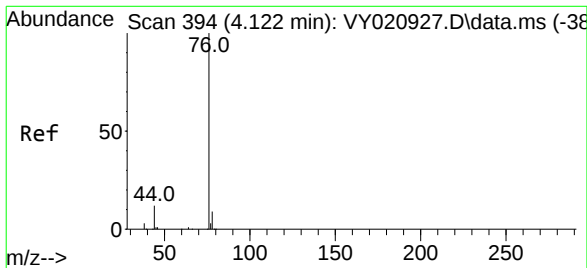
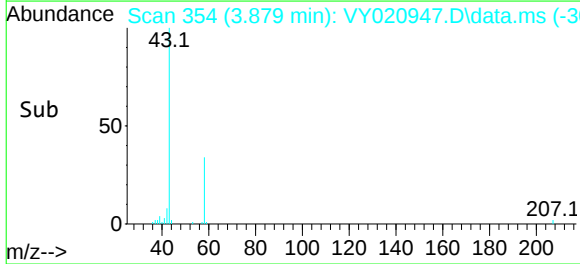
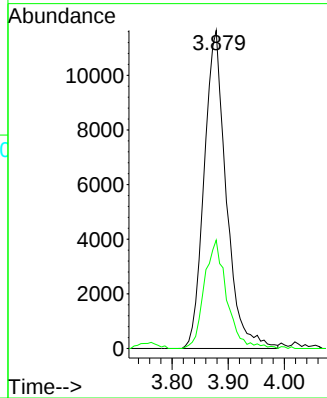
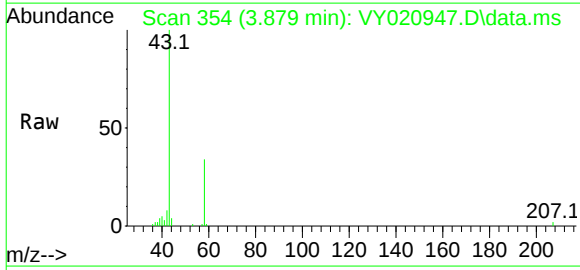
B-110-SB02

Tgt Ion: 43 Resp: 31891

Ion Ratio Lower Upper

43 100

58 34.1 25.6 38.4



#17

Carbon Disulfide

Concen: 1.250 ug/l

RT: 4.116 min Scan# 393

Delta R.T. -0.006 min

Lab File: VY020947.D

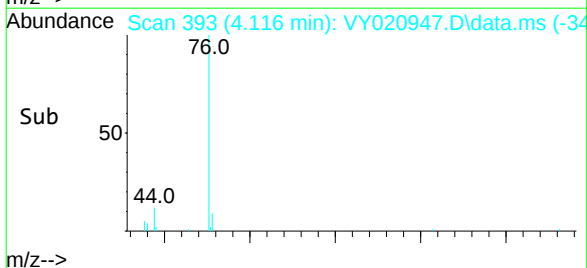
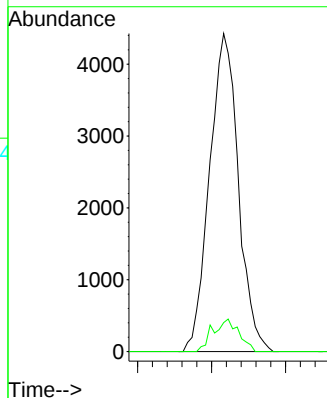
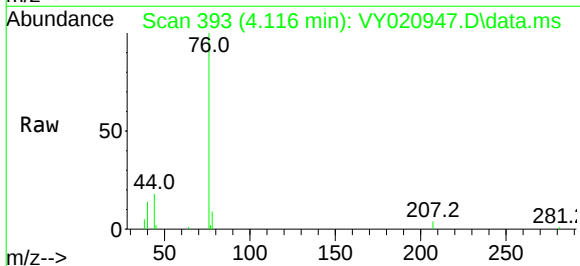
Acq: 27 Jan 2025 14:47

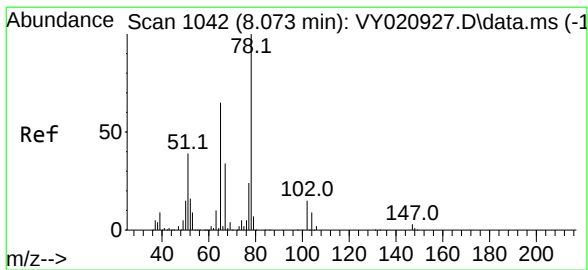
Tgt Ion: 76 Resp: 11967

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

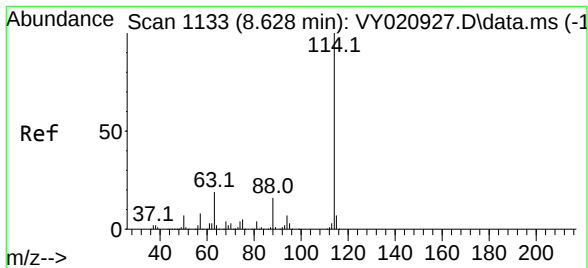
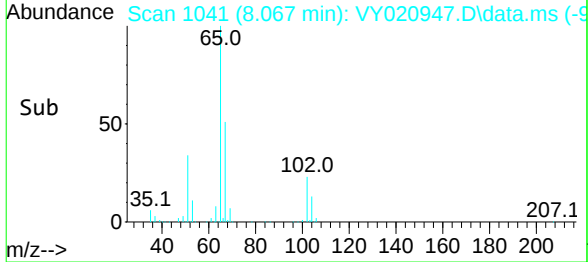
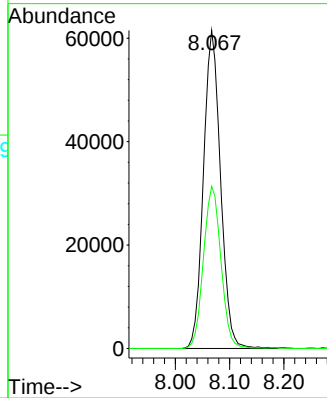
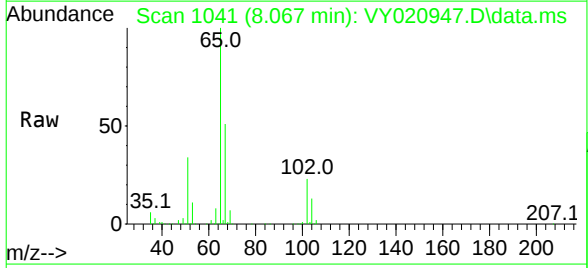




#33
1,2-Dichloroethane-d4
Concen: 44.240 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020947.D
Acq: 27 Jan 2025 14:47

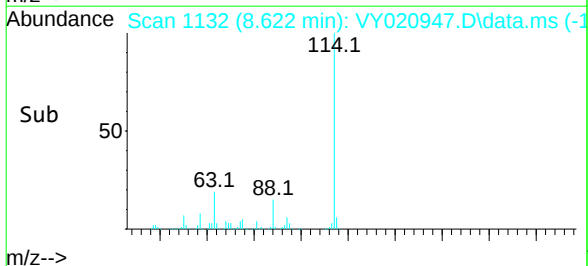
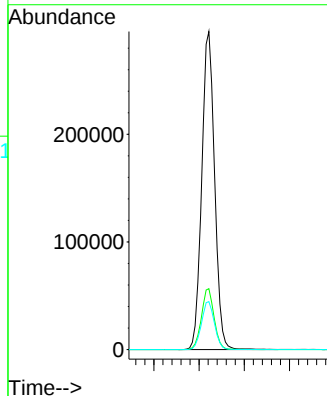
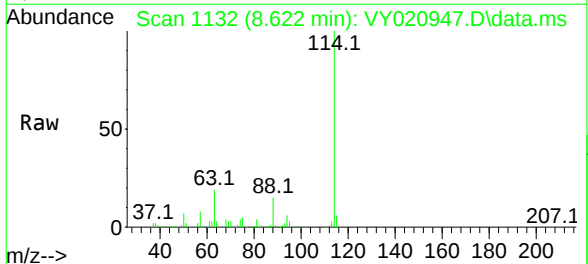
Instrument :
MSVOA_Y
ClientSampleId :
B-110-SB02

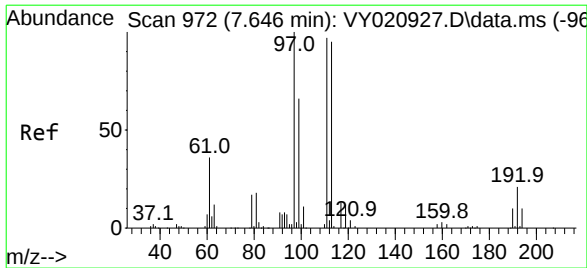
Tgt Ion: 65 Resp: 134752
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY020947.D
Acq: 27 Jan 2025 14:47

Tgt Ion: 114 Resp: 583439
Ion Ratio Lower Upper
114 100
63 19.2 0.0 38.4
88 15.1 0.0 31.6

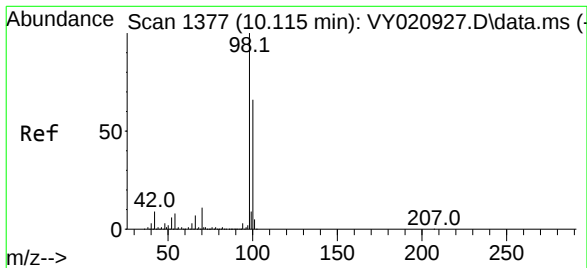
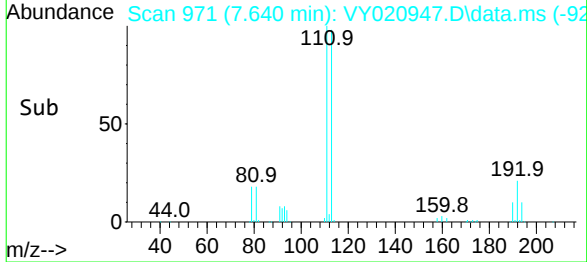
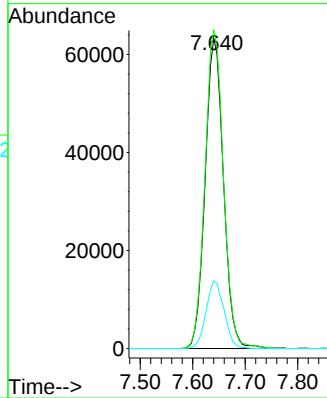
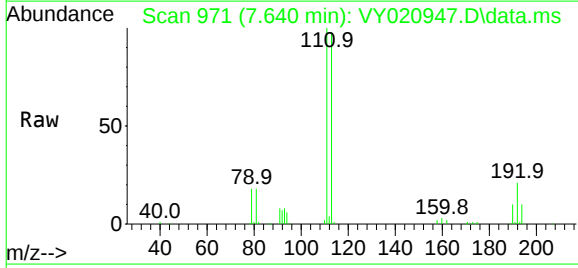




#35
Dibromofluoromethane
Concen: 45.896 ug/l
RT: 7.640 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY020947.D
Acq: 27 Jan 2025 14:47

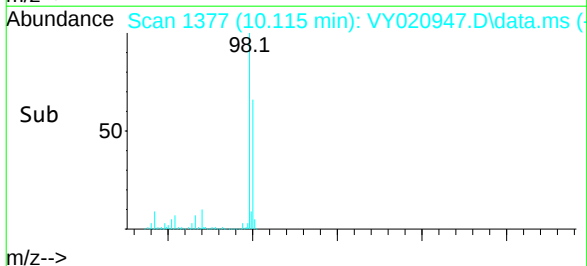
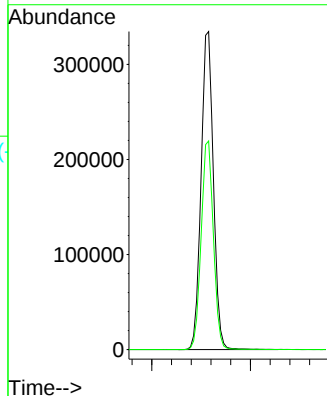
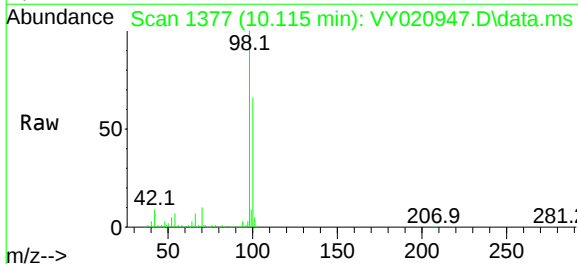
Instrument :
MSVOA_Y
ClientSampleId :
B-110-SB02

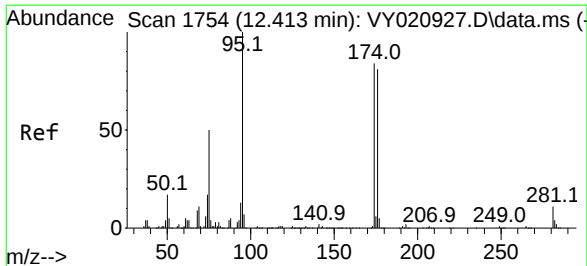
Tgt Ion: 113 Resp: 153725
Ion Ratio Lower Upper
113 100
111 103.8 82.3 123.5
192 21.3 17.4 26.2



#50
Toluene-d8
Concen: 44.550 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VY020947.D
Acq: 27 Jan 2025 14:47

Tgt Ion: 98 Resp: 578784
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 33.863 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.000 min

Lab File: VY020947.D

Acq: 27 Jan 2025 14:47

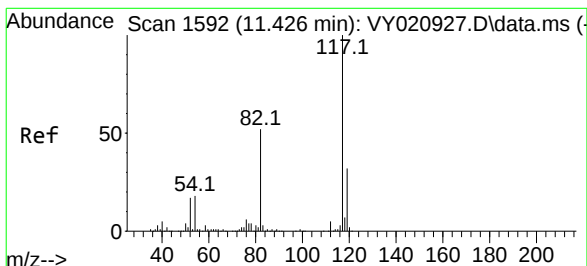
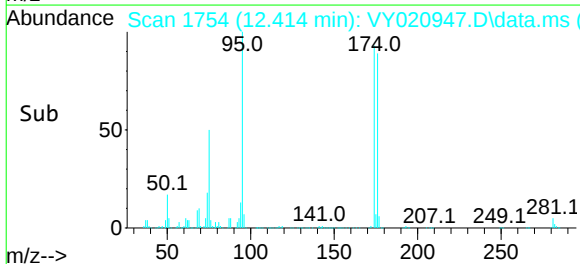
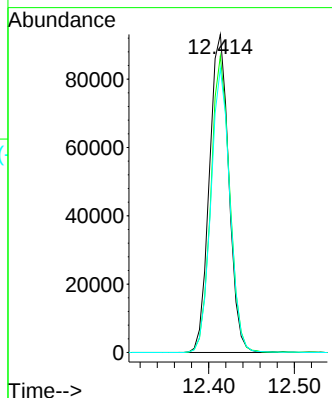
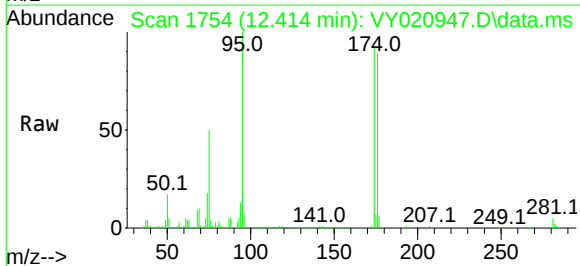
Instrument :

MSVOA_Y

ClientSampleId :

B-110-SB02

Tgt Ion:	95	Resp:	146415
Ion Ratio	Lower	Upper	
95	100		
174	90.4	0.0	177.4
176	87.4	0.0	172.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

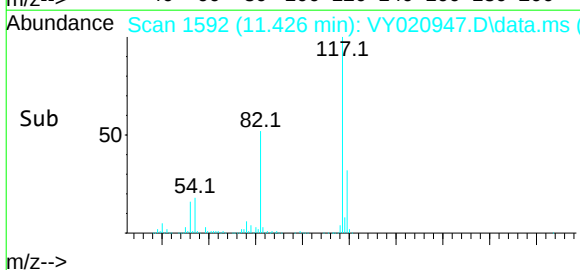
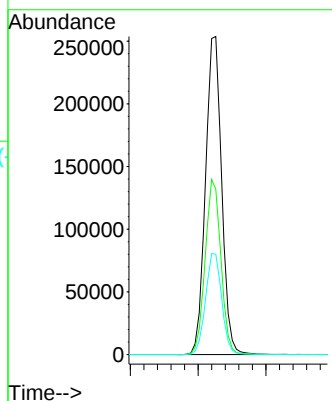
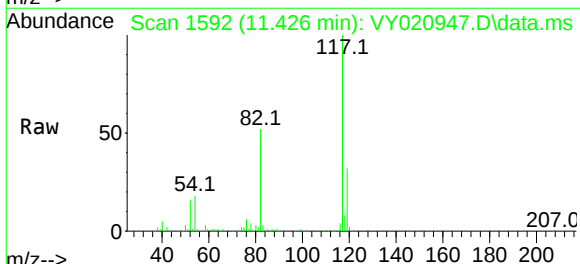
RT: 11.426 min Scan# 1592

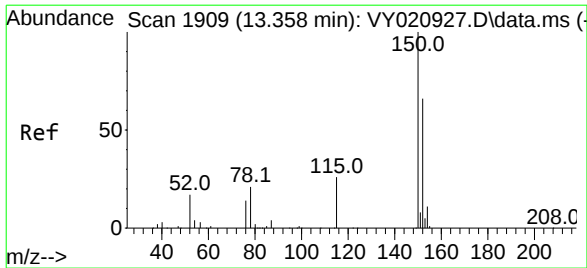
Delta R.T. 0.000 min

Lab File: VY020947.D

Acq: 27 Jan 2025 14:47

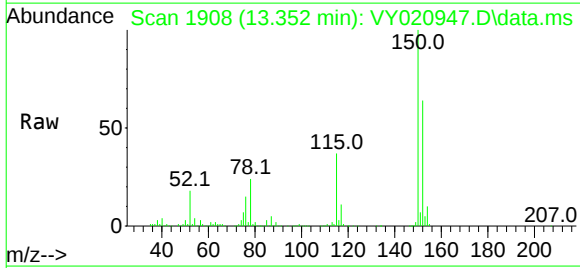
Tgt Ion:	117	Resp:	419826
Ion Ratio	Lower	Upper	
117	100		
82	51.9	41.8	62.8
119	31.6	26.0	39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 19
 Delta R.T. -0.006 min
 Lab File: VY020947.D
 Acq: 27 Jan 2025 14:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-110-SB02



Tgt Ion:152 Resp: 153323
 Ion Ratio Lower Upper
 152 100
 115 57.1 29.0 87.0
 150 157.6 0.0 347.6

