

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
 Data File : VY020949.D
 Acq On : 27 Jan 2025 15:32
 Operator : SY/MD
 Sample : Q1194-04
 Misc : 5.90g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-113-SB02

Quant Time: Jan 28 01:14:28 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)

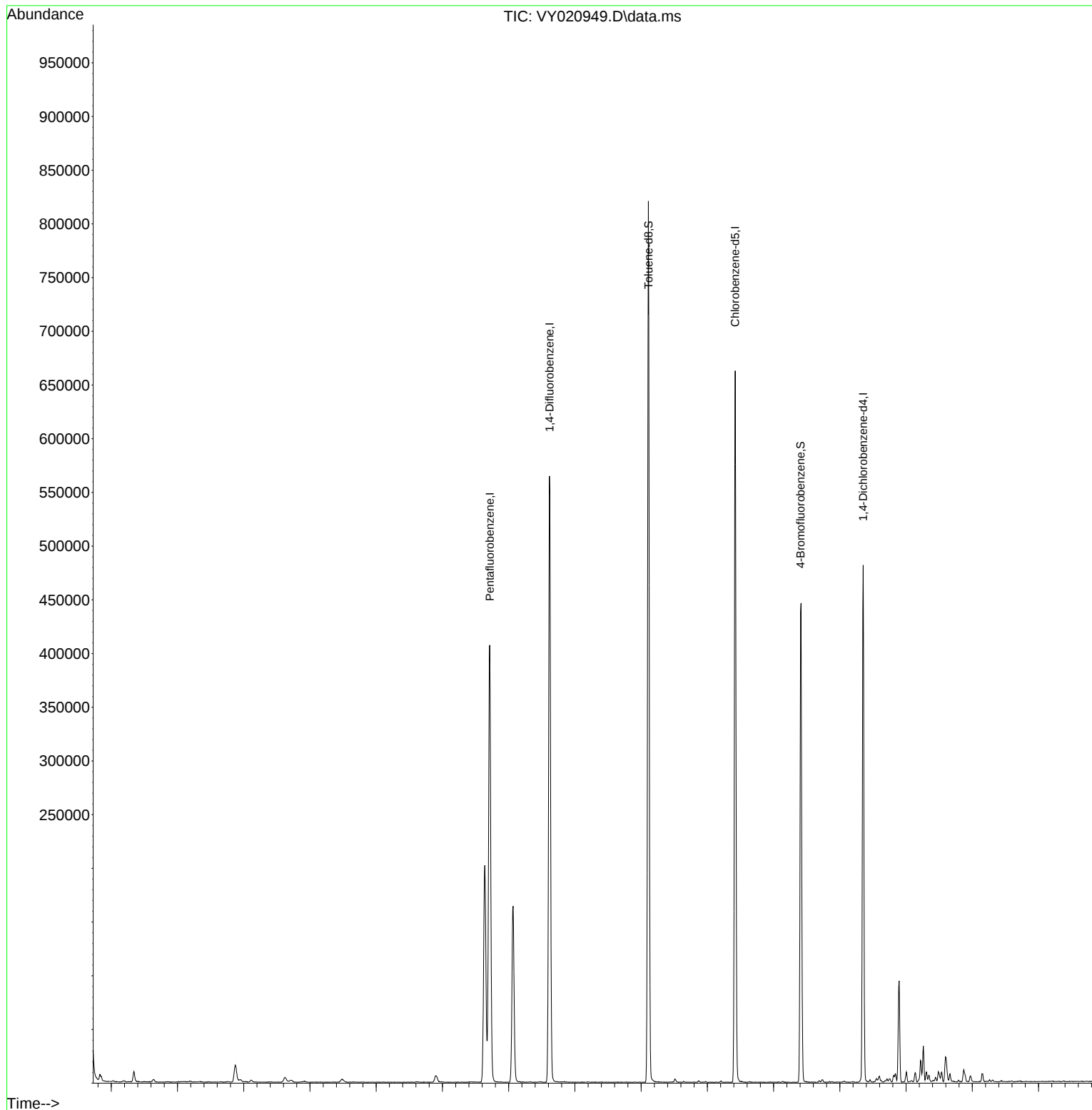
Internal Standards						
1) Pentafluorobenzene	7.713	168	331503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	506966	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	369514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	129163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	132803	50.245	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.500%
35) Dibromofluoromethane	7.640	113	147366	50.634	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.260%
50) Toluene-d8	10.109	98	537405	47.605	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.200%
62) 4-Bromofluorobenzene	12.408	95	137464	36.588	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	73.180%
Target Compounds						
16) Acetone	3.873	43	28315	79.068	ug/l	96
25) 2-Butanone	6.896	43	10509	17.324	ug/l	92

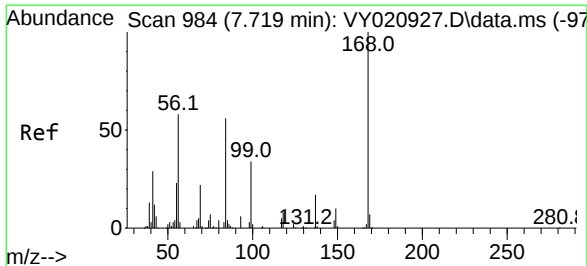
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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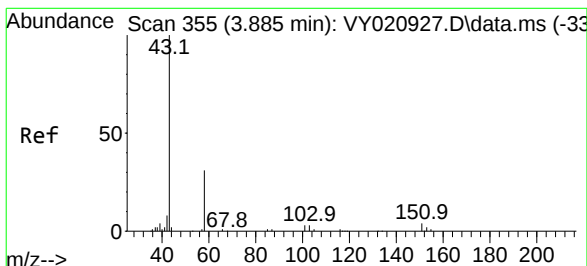
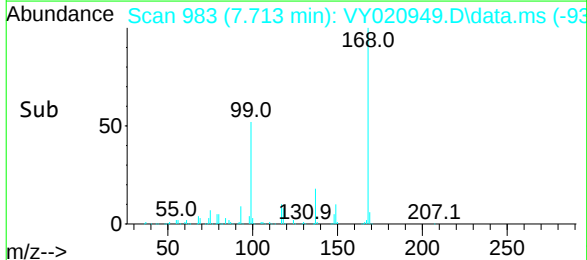
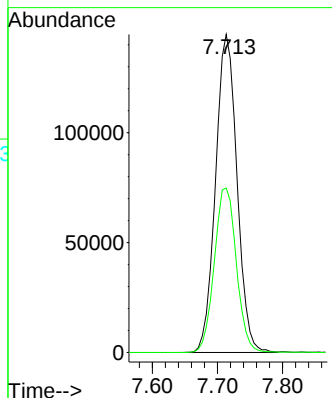
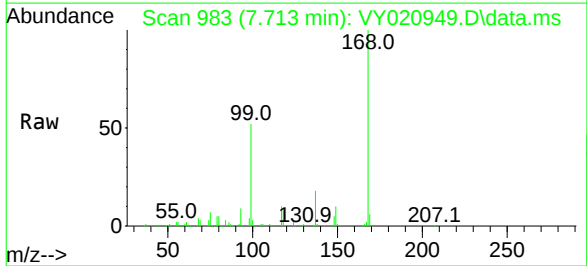




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020949.D
Acq: 27 Jan 2025 15:32

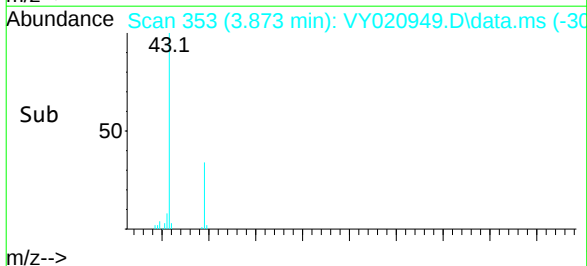
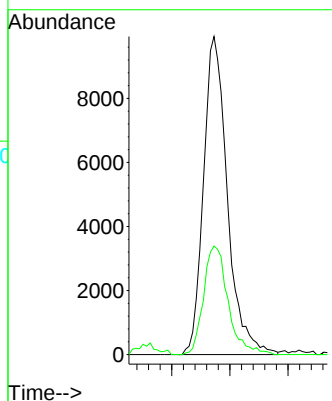
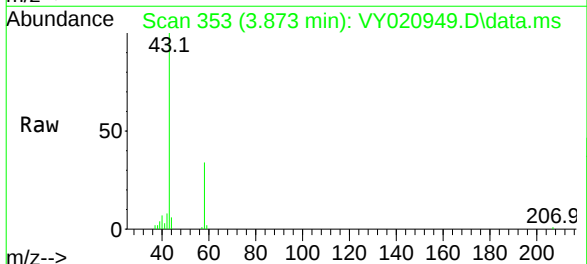
Instrument :
MSVOA_Y
ClientSampleId :
B-113-SB02

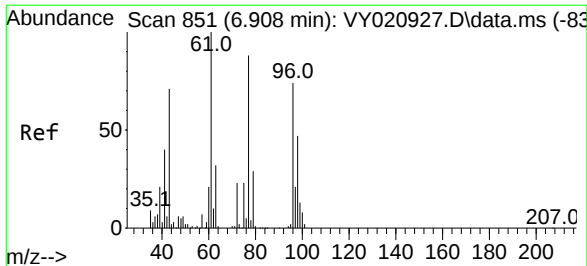
Tgt Ion:168 Resp: 331503
Ion Ratio Lower Upper
168 100
99 51.7 43.0 64.6



#16
Acetone
Concen: 79.068 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.012 min
Lab File: VY020949.D
Acq: 27 Jan 2025 15:32

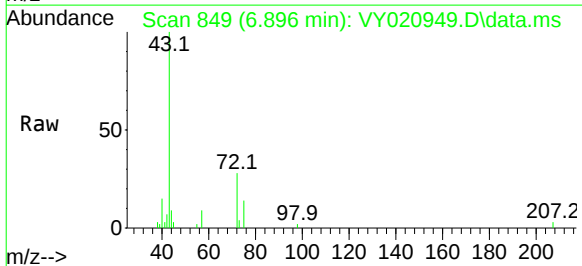
Tgt Ion: 43 Resp: 28315
Ion Ratio Lower Upper
43 100
58 34.1 25.6 38.4



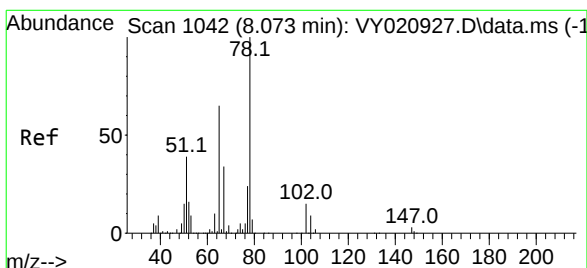
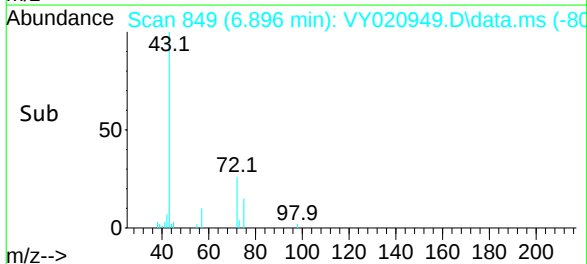
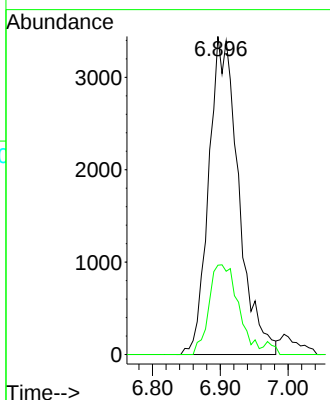


#25
2-Butanone
Concen: 17.324 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY020949.D
Acq: 27 Jan 2025 15:32

Instrument :
MSVOA_Y
ClientSampleId :
B-113-SB02

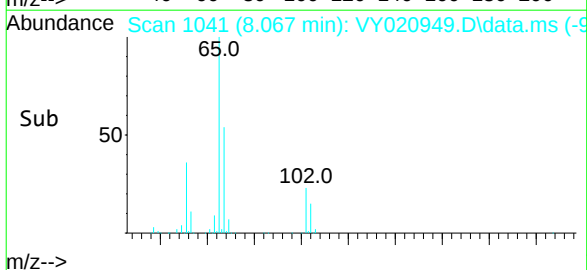
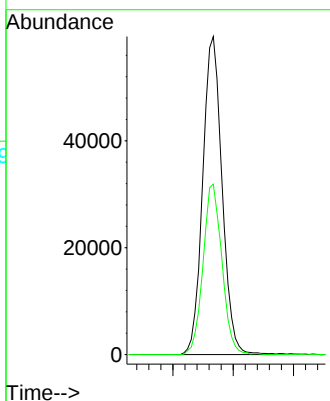
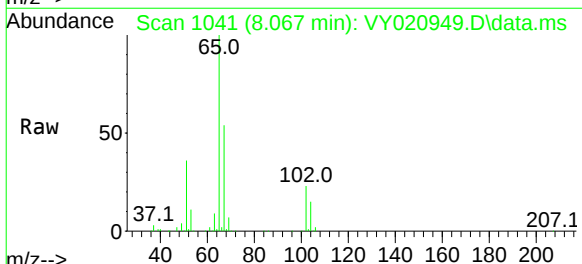


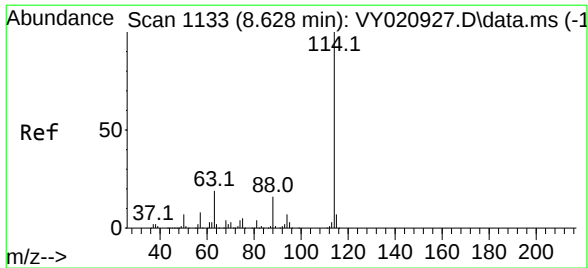
Tgt Ion: 43 Resp: 10509
Ion Ratio Lower Upper
43 100
72 28.1 25.8 38.8



#33
1,2-Dichloroethane-d4
Concen: 50.245 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020949.D
Acq: 27 Jan 2025 15:32

Tgt Ion: 65 Resp: 132803
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.8

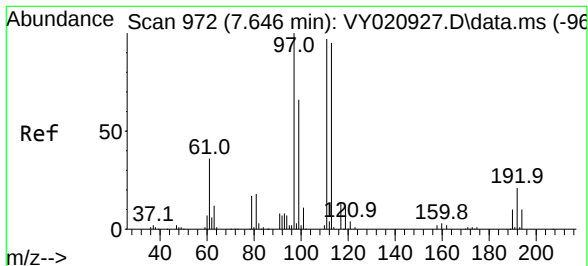
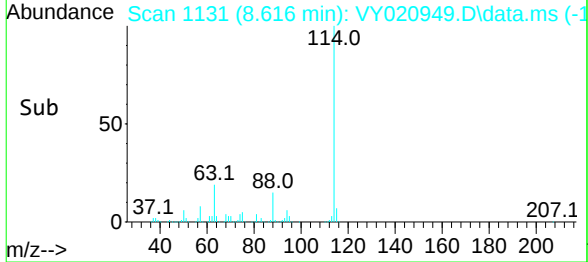
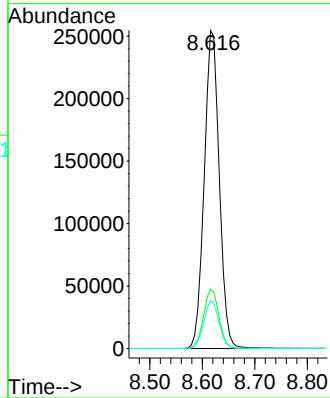
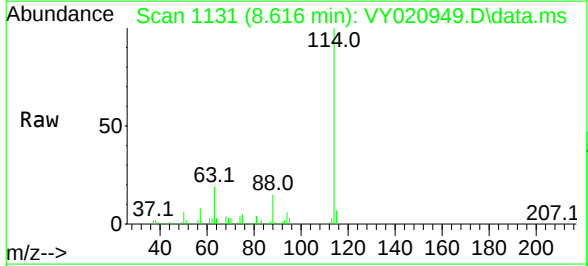




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 111
Delta R.T. -0.012 min
Lab File: VY020949.D
Acq: 27 Jan 2025 15:32

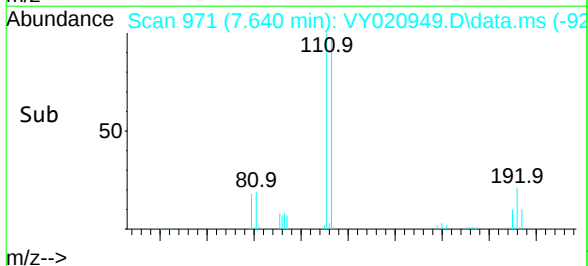
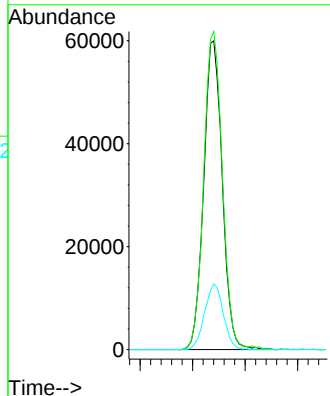
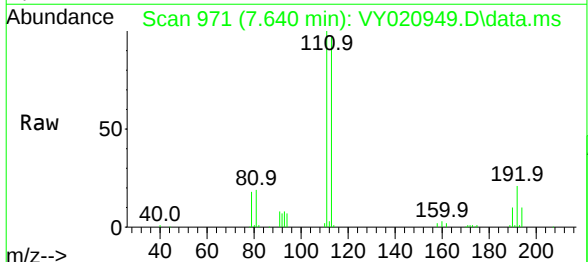
Instrument :
MSVOA_Y
ClientSampleId :
B-113-SB02

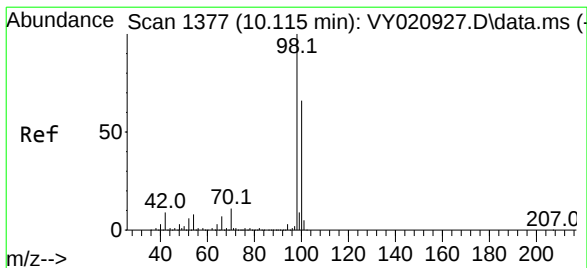
Tgt Ion:	114	Resp:	506966
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	38.4
88	15.0	0.0	31.6



#35
Dibromofluoromethane
Concen: 50.634 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.006 min
Lab File: VY020949.D
Acq: 27 Jan 2025 15:32

Tgt Ion:	113	Resp:	147366
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.3	123.5
192	21.4	17.4	26.2





#50

Toluene-d8

Concen: 47.605 ug/l

RT: 10.109 min Scan# 13

Delta R.T. -0.006 min

Lab File: VY020949.D

Acq: 27 Jan 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :

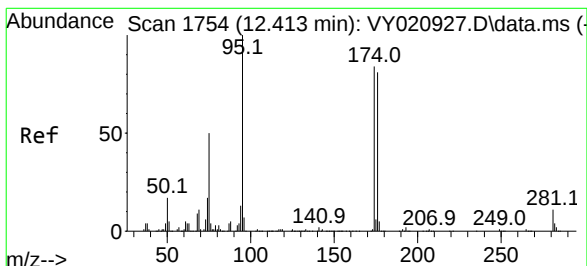
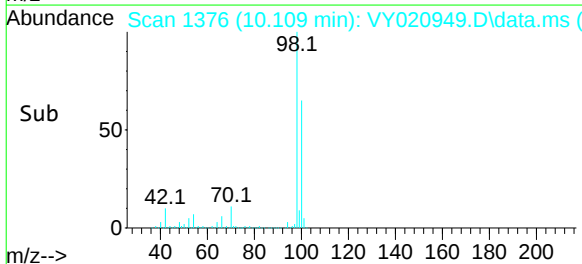
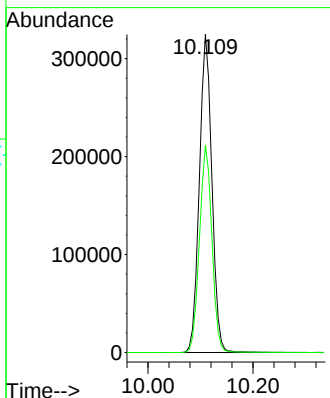
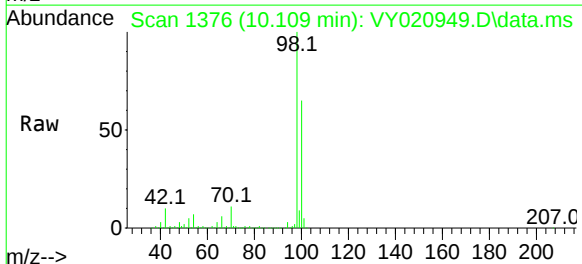
B-113-SB02

Tgt Ion: 98 Resp: 537405

Ion Ratio Lower Upper

98 100

100 64.9 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 36.588 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020949.D

Acq: 27 Jan 2025 15:32

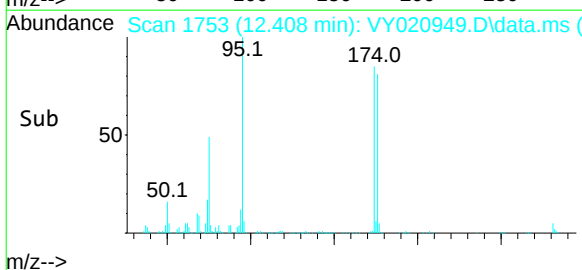
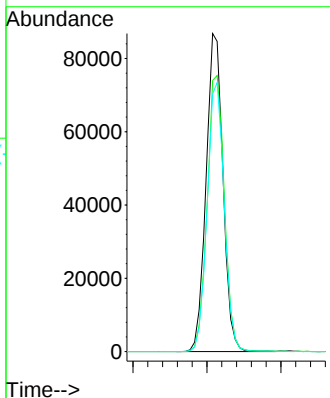
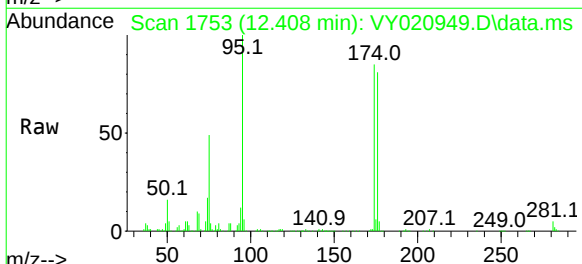
Tgt Ion: 95 Resp: 137464

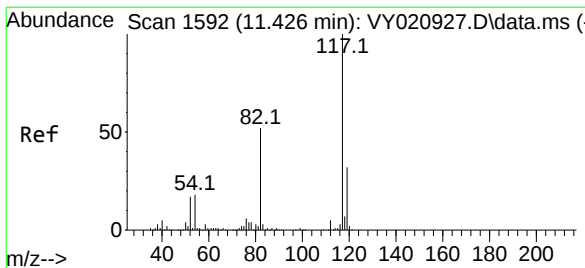
Ion Ratio Lower Upper

95 100

174 88.8 0.0 177.4

176 85.1 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY020949.D

Acq: 27 Jan 2025 15:32

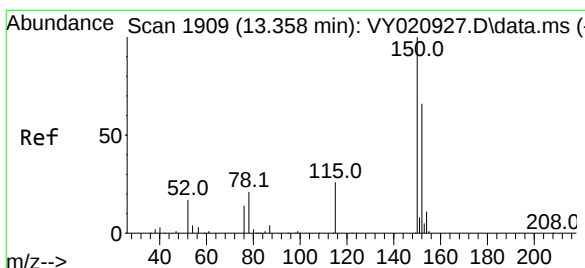
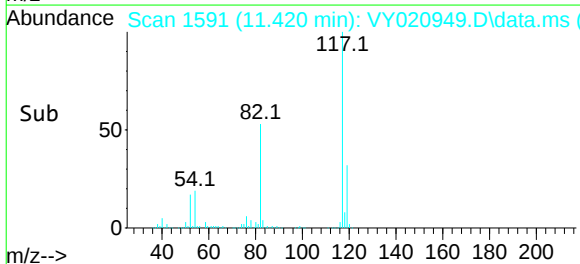
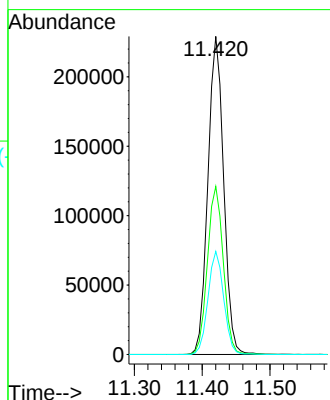
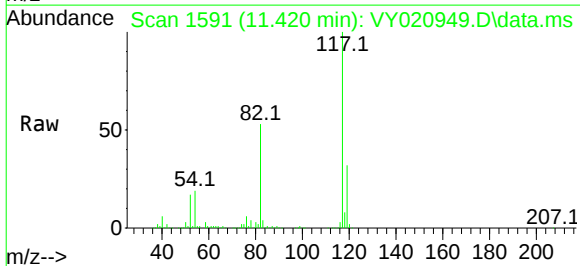
Instrument :

MSVOA_Y

ClientSampleId :

B-113-SB02

Tgt Ion:	117	Resp:	369514
Ion	Ratio	Lower	Upper
117	100		
82	52.8	41.8	62.8
119	32.4	26.0	39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VY020949.D

Acq: 27 Jan 2025 15:32

Tgt Ion:	152	Resp:	129163
Ion	Ratio	Lower	Upper
152	100		
115	56.2	29.0	87.0
150	157.5	0.0	347.6

