

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
 Data File : VY021460.D
 Acq On : 07 Mar 2025 14:52
 Operator : SY/MD
 Sample : Q1488-09
 Misc : 5.92g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ENV-104-SB01

Quant Time: Mar 07 22:01:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

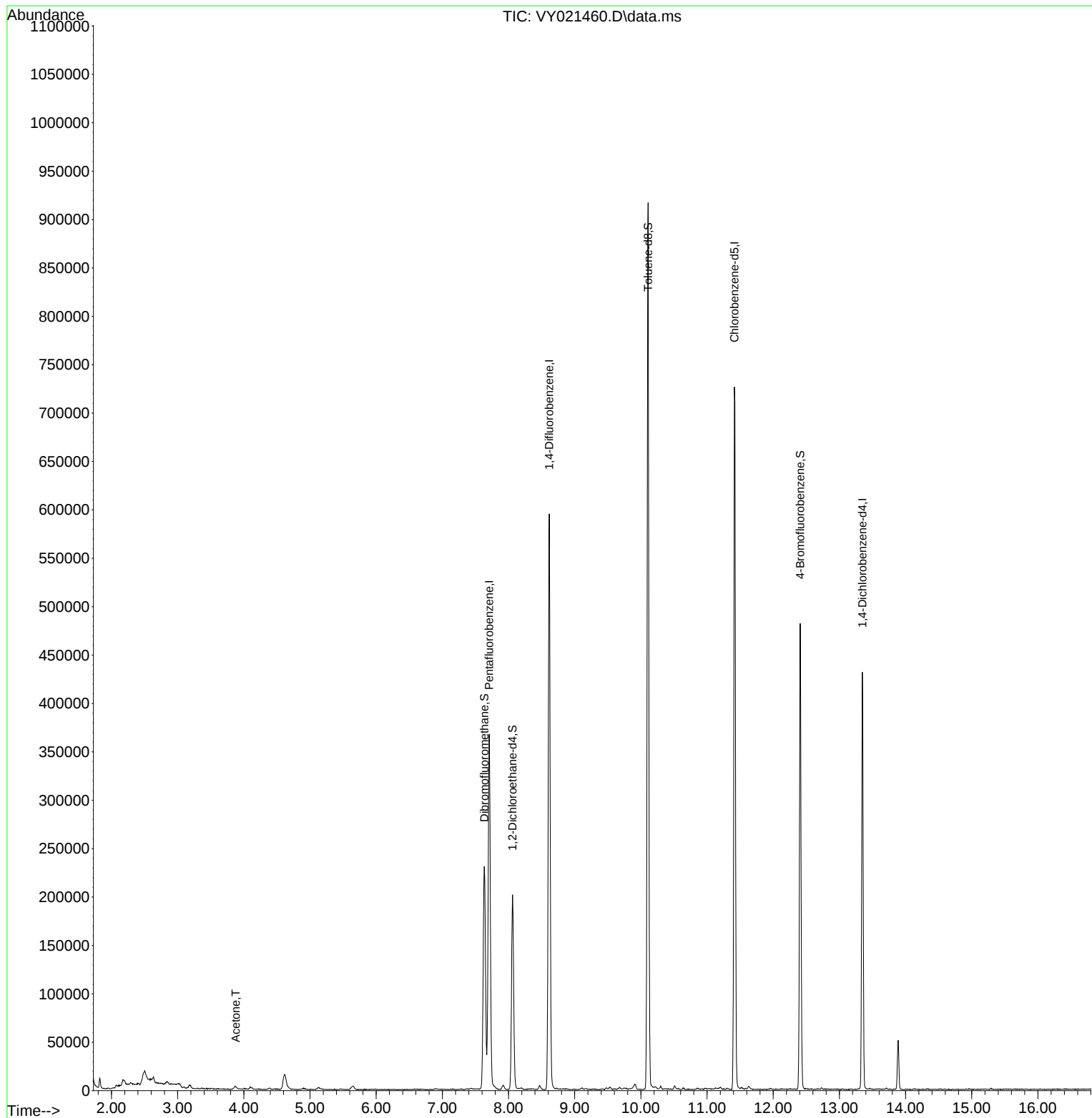
Internal Standards						
1) Pentafluorobenzene	7.707	168	272187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	479219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	375437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	106159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	160785	55.889	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.780%
35) Dibromofluoromethane	7.634	113	164592	52.252	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.500%
50) Toluene-d8	10.109	98	579055	48.551	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.408	95	133721	32.960	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.920%
Target Compounds						Qvalue
16) Acetone	3.879	43	5515	8.789	ug/l	93

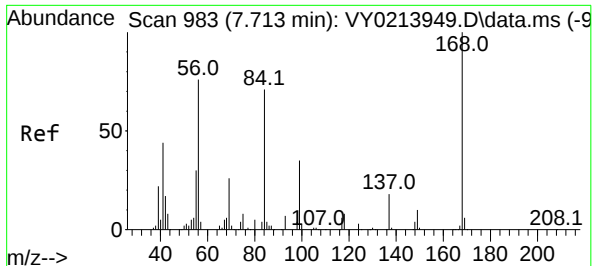
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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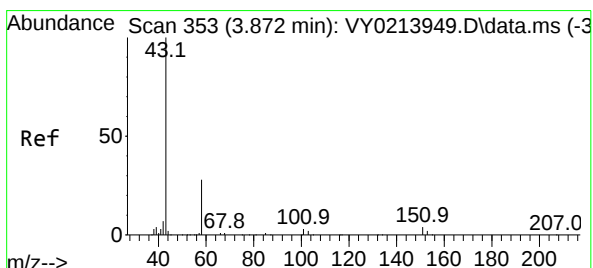
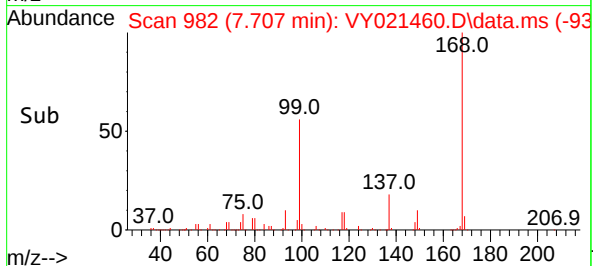
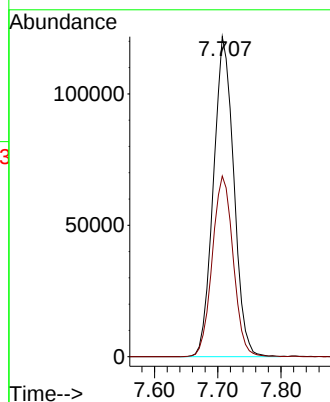
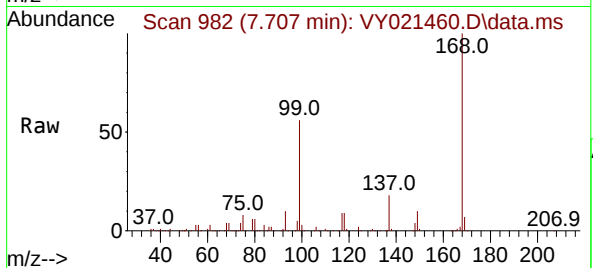




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021460.D
Acq: 07 Mar 2025 14:52

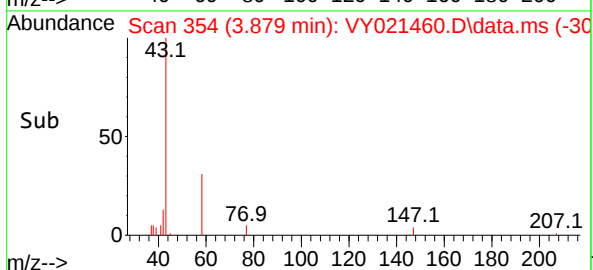
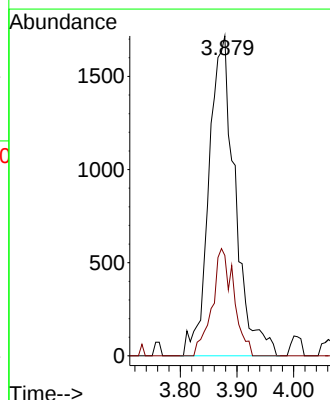
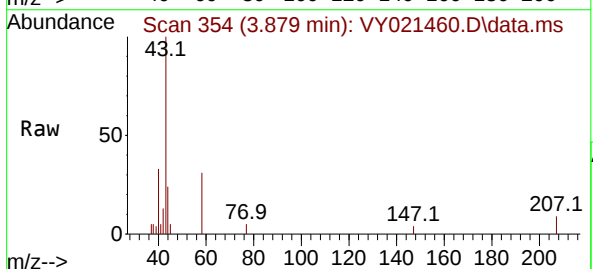
Instrument :
MSVOA_Y
ClientSampleId :
ENV-104-SB01

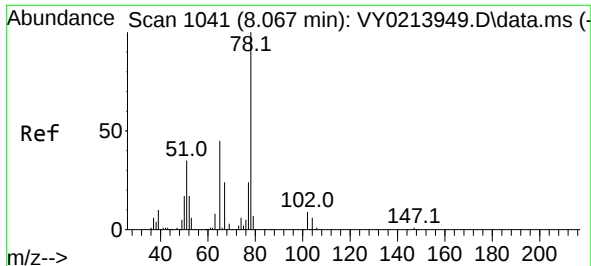
Tgt Ion:168 Resp: 272187
Ion Ratio Lower Upper
168 100
99 56.5 46.0 69.0



#16
Acetone
Concen: 8.789 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.007 min
Lab File: VY021460.D
Acq: 07 Mar 2025 14:52

Tgt Ion: 43 Resp: 5515
Ion Ratio Lower Upper
43 100
58 31.4 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 55.889 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021460.D

Acq: 07 Mar 2025 14:52

Instrument :

MSVOA_Y

ClientSampleId :

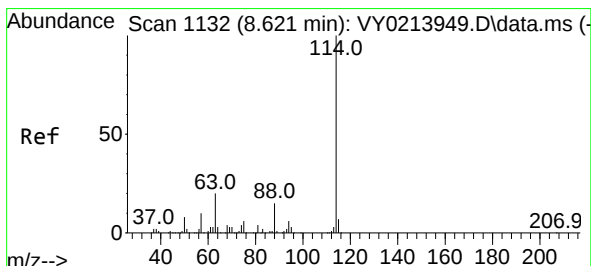
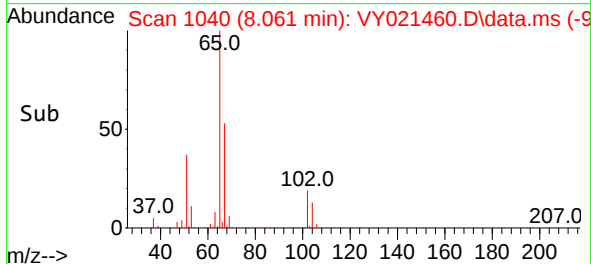
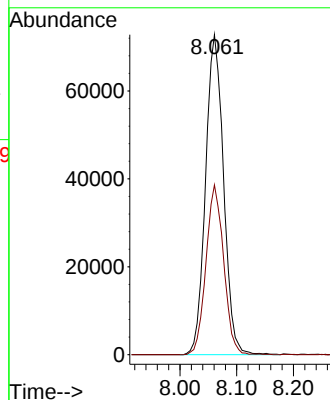
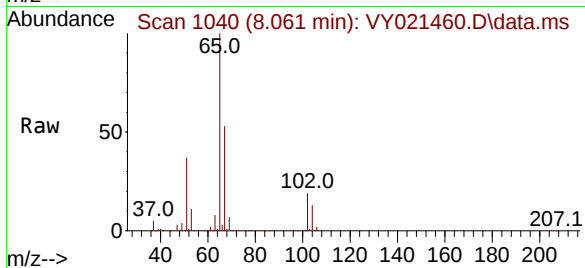
ENV-104-SB01

Tgt Ion: 65 Resp: 160785

Ion Ratio Lower Upper

65 100

67 52.0 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021460.D

Acq: 07 Mar 2025 14:52

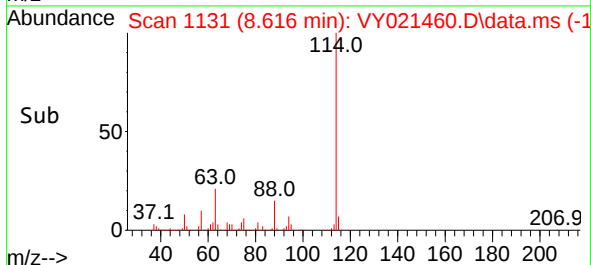
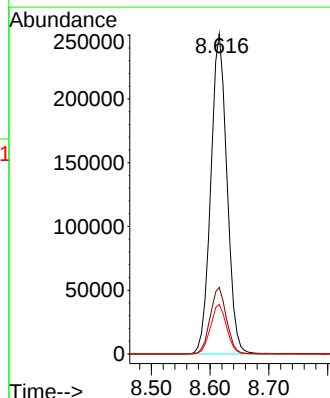
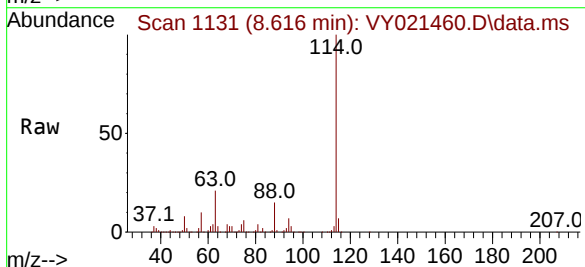
Tgt Ion: 114 Resp: 479219

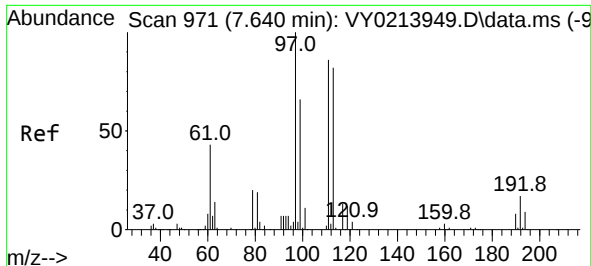
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 15.4 0.0 30.8

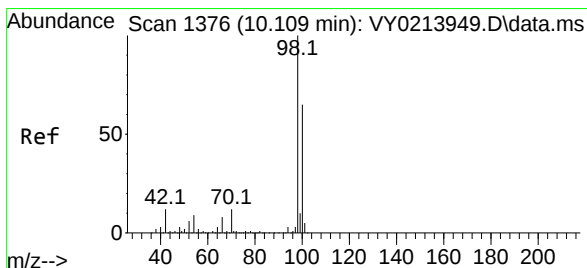
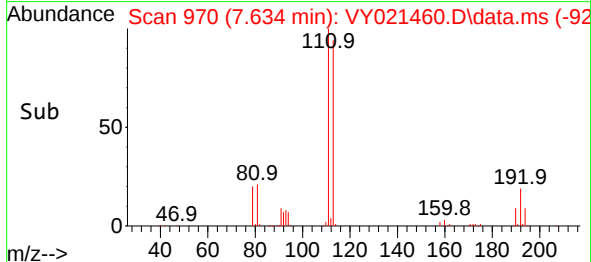
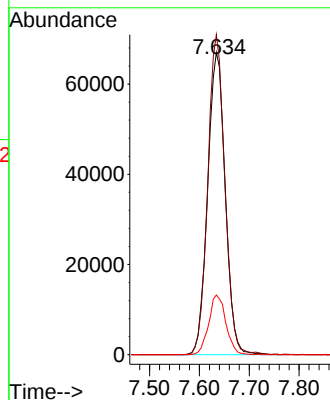
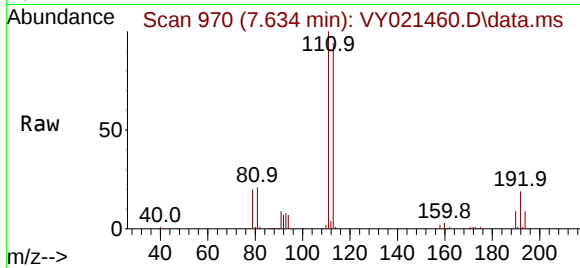




#35
 Dibromofluoromethane
 Concen: 52.252 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY021460.D
 Acq: 07 Mar 2025 14:52

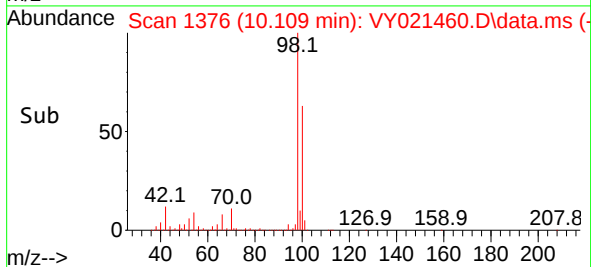
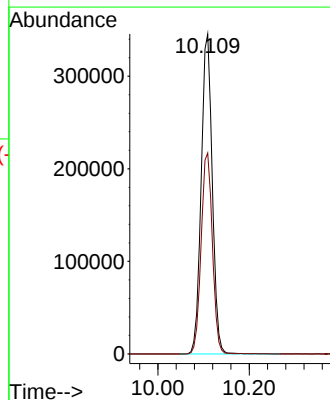
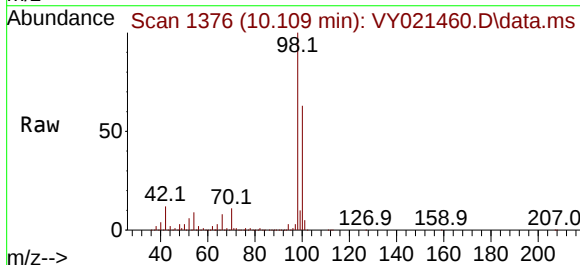
Instrument :
 MSVOA_Y
 ClientSampleId :
 ENV-104-SB01

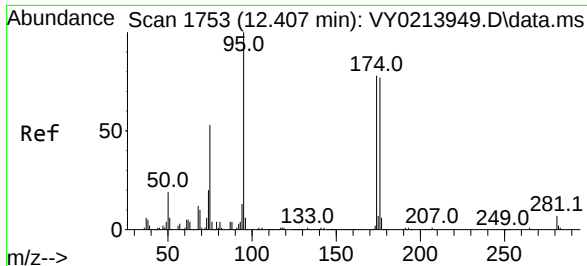
Tgt Ion:113 Resp: 164592
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.0 123.0
 192 19.3 15.9 23.9



#50
 Toluene-d8
 Concen: 48.551 ug/l
 RT: 10.109 min Scan# 1376
 Delta R.T. 0.000 min
 Lab File: VY021460.D
 Acq: 07 Mar 2025 14:52

Tgt Ion: 98 Resp: 579055
 Ion Ratio Lower Upper
 98 100
 100 63.8 52.1 78.1

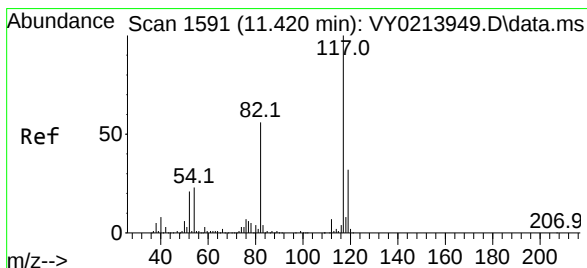
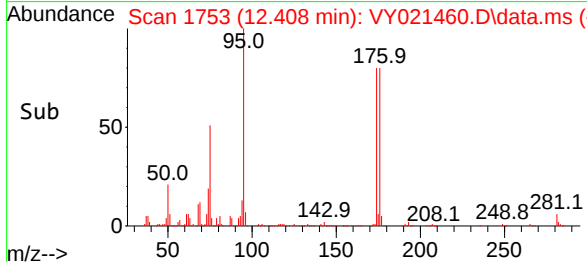
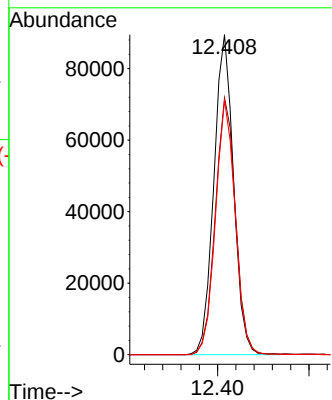
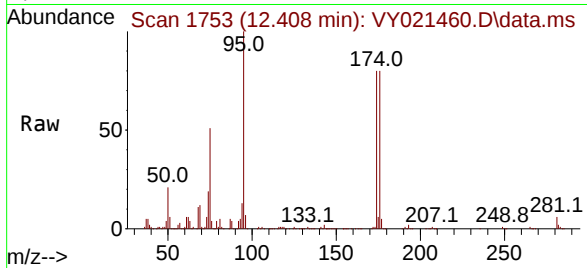




#62
4-Bromofluorobenzene
Concen: 32.960 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021460.D
Acq: 07 Mar 2025 14:52

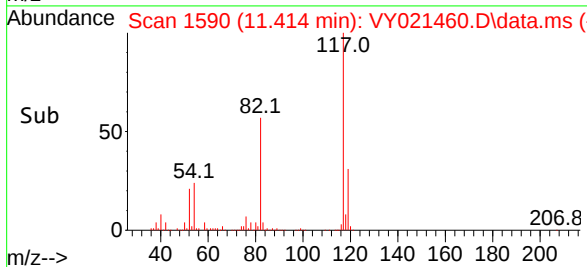
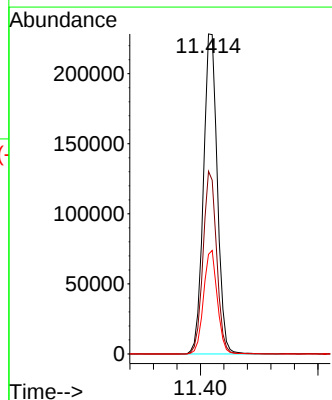
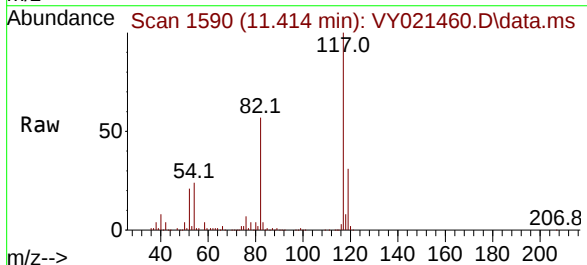
Instrument :
MSVOA_Y
ClientSampleId :
ENV-104-SB01

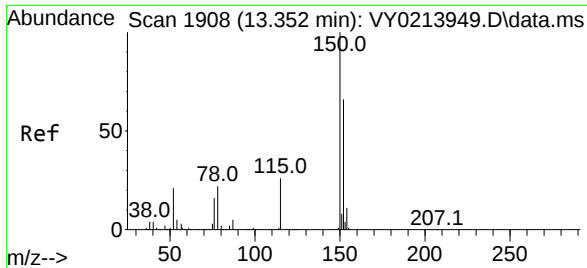
Tgt Ion: 95 Resp: 133721
Ion Ratio Lower Upper
95 100
174 82.6 0.0 165.0
176 79.6 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021460.D
Acq: 07 Mar 2025 14:52

Tgt Ion: 117 Resp: 375437
Ion Ratio Lower Upper
117 100
82 57.1 44.6 67.0
119 31.2 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021460.D

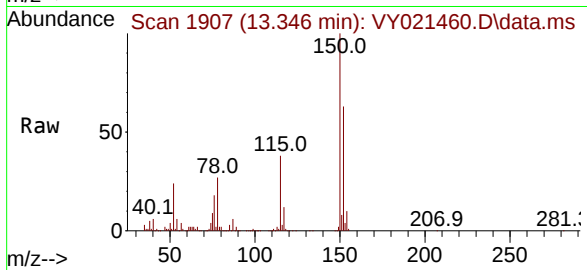
Acq: 07 Mar 2025 14:52

Instrument :

MSVOA_Y

ClientSampleId :

ENV-104-SB01



Tgt Ion:152 Resp: 106159

Ion Ratio Lower Upper

152 100

115 57.7 29.0 87.0

150 155.8 0.0 347.2

