

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
 Data File : VY021527.D
 Acq On : 13 Mar 2025 16:05
 Operator : SY/MD
 Sample : Q1556-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-031225

Quant Time: Mar 14 14:56:56 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)

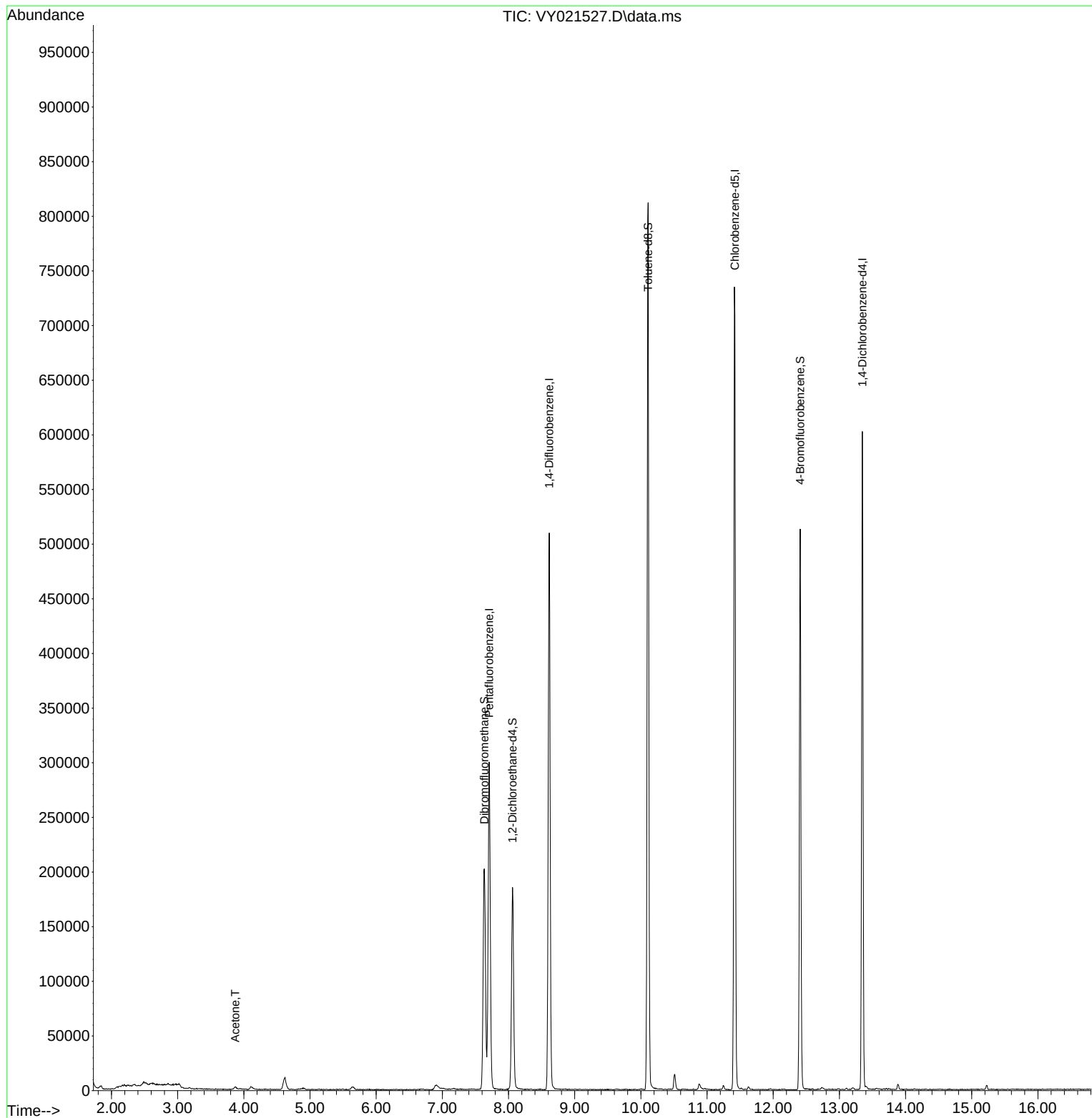
Internal Standards						
1) Pentafluorobenzene	7.707	168	215347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	418119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	371517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	141950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	144356	63.423	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.840%
35) Dibromofluoromethane	7.634	113	145360	52.890	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.780%
50) Toluene-d8	10.109	98	512685	49.267	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.540%
62) 4-Bromofluorobenzene	12.408	95	150673	42.566	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.140%
Target Compounds						
16) Acetone	3.872	43	3844	7.743	ug/l	Qvalue # 83

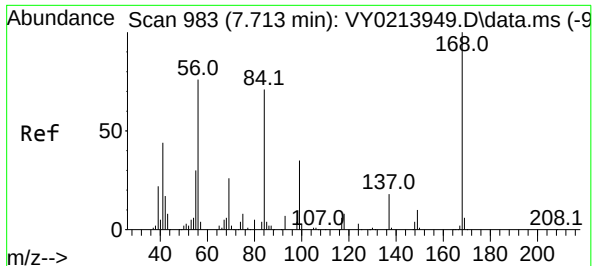
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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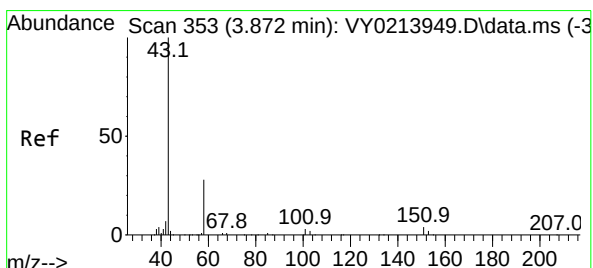
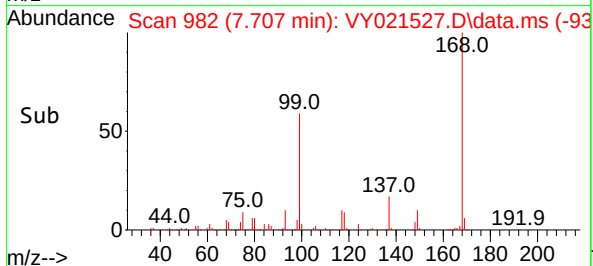
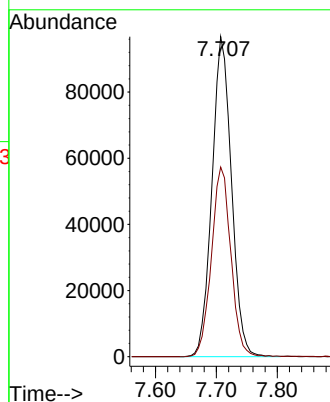
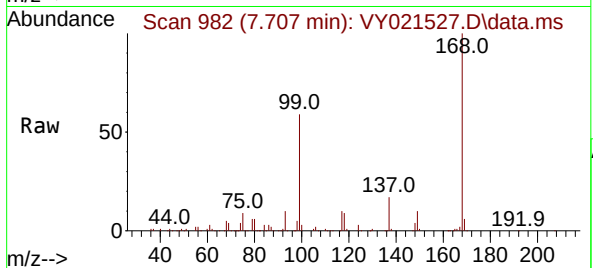




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021527.D
Acq: 13 Mar 2025 16:05

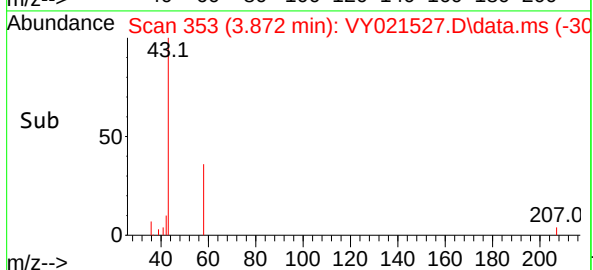
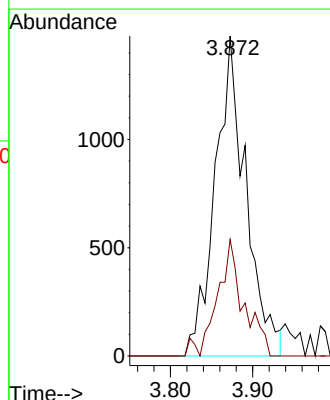
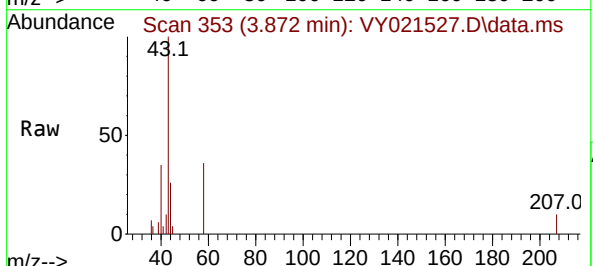
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-031225

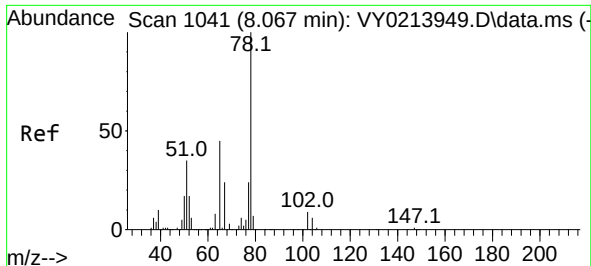
Tgt Ion:168 Resp: 215347
Ion Ratio Lower Upper
168 100
99 59.2 46.0 69.0



#16
Acetone
Concen: 7.743 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021527.D
Acq: 13 Mar 2025 16:05

Tgt Ion: 43 Resp: 3844
Ion Ratio Lower Upper
43 100
58 36.4 22.1 33.1#





#33

1,2-Dichloroethane-d4

Concen: 63.423 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021527.D

Acq: 13 Mar 2025 16:05

Instrument :

MSVOA_Y

ClientSampleId :

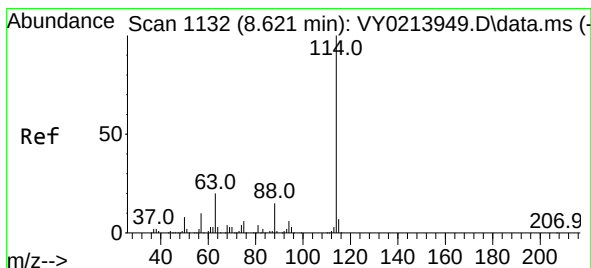
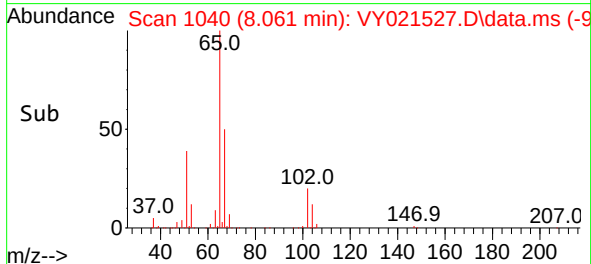
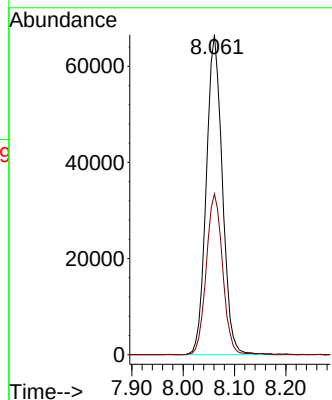
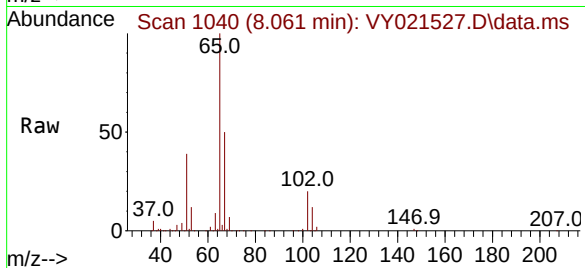
OR-02-031225

Tgt Ion: 65 Resp: 144356

Ion Ratio Lower Upper

65 100

67 51.3 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: VY021527.D

Acq: 13 Mar 2025 16:05

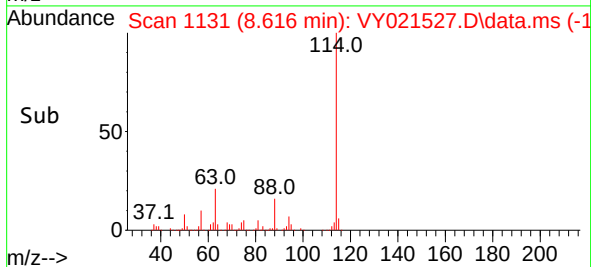
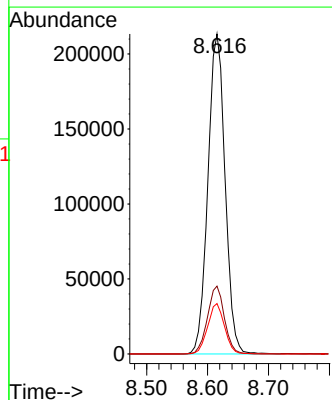
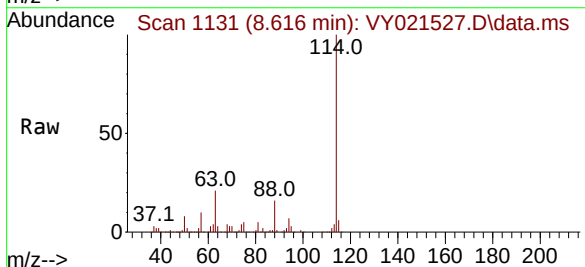
Tgt Ion: 114 Resp: 418119

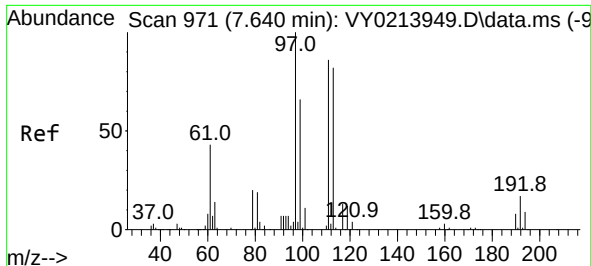
Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.8

88 15.8 0.0 30.8

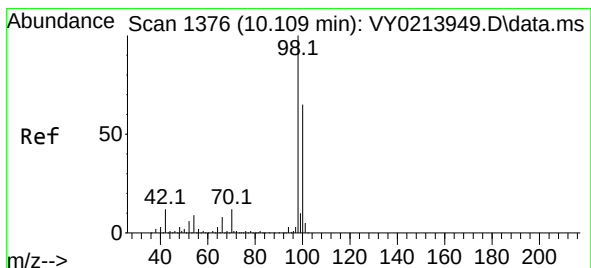
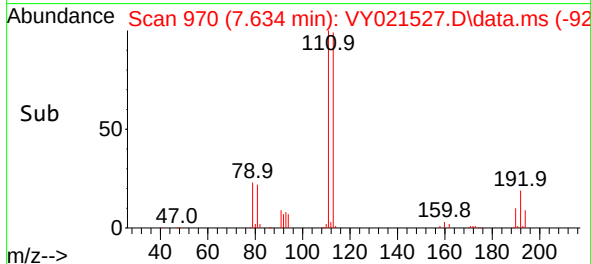
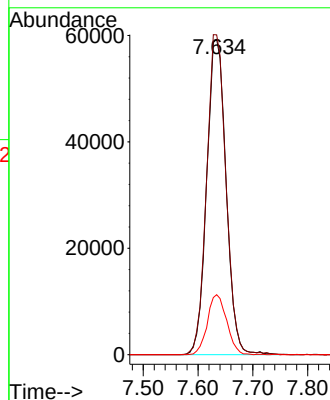
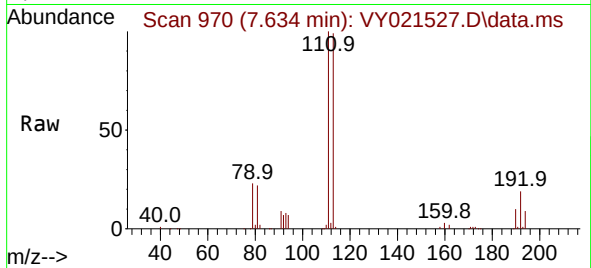




#35
Dibromofluoromethane
Concen: 52.890 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021527.D
Acq: 13 Mar 2025 16:05

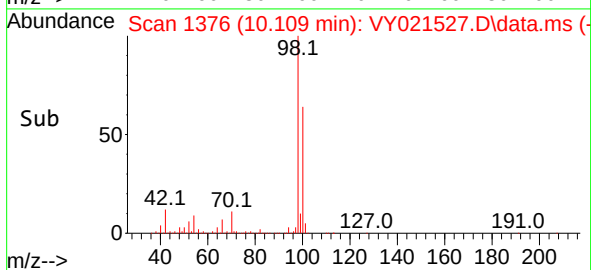
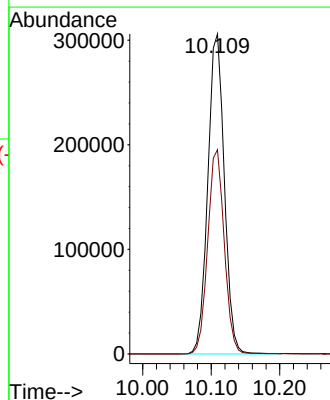
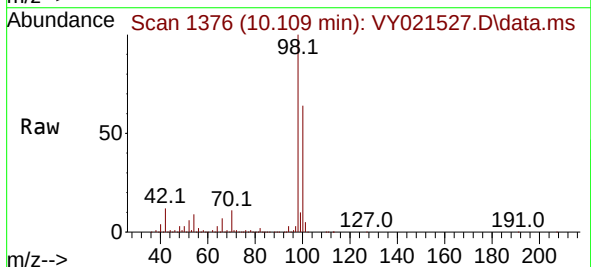
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-031225

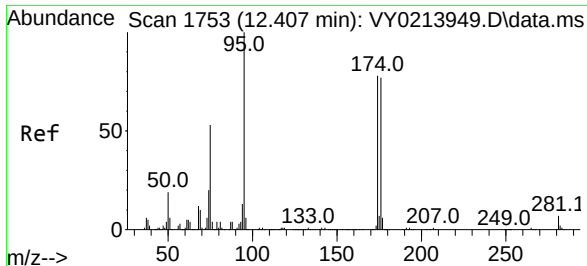
Tgt Ion:113 Resp: 145360
Ion Ratio Lower Upper
113 100
111 101.5 82.0 123.0
192 18.9 15.9 23.9



#50
Toluene-d8
Concen: 49.267 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021527.D
Acq: 13 Mar 2025 16:05

Tgt Ion: 98 Resp: 512685
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 42.566 ug/l

RT: 12.408 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021527.D

Acq: 13 Mar 2025 16:05

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-031225

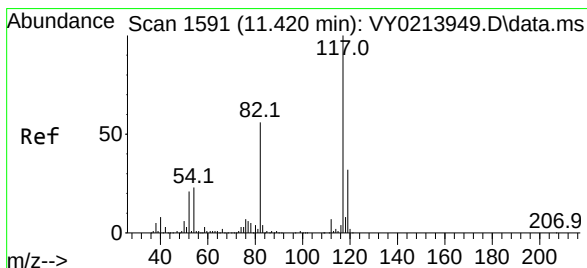
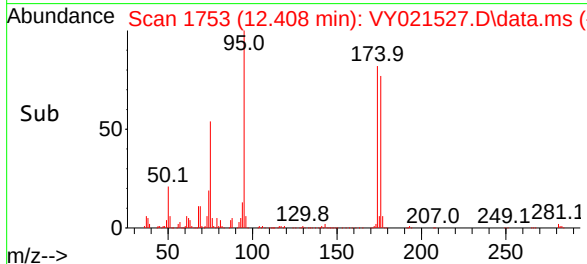
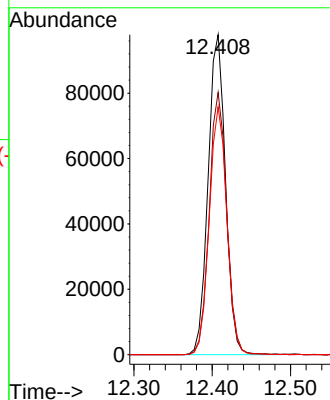
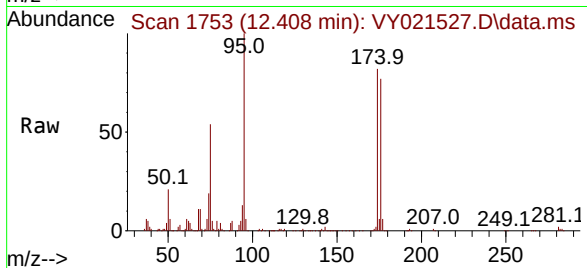
Tgt Ion: 95 Resp: 150673

Ion Ratio Lower Upper

95 100

174 82.5 0.0 165.0

176 78.1 0.0 160.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY021527.D

Acq: 13 Mar 2025 16:05

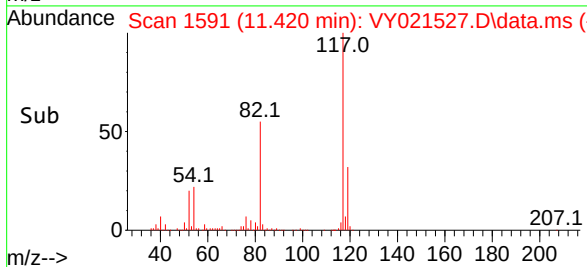
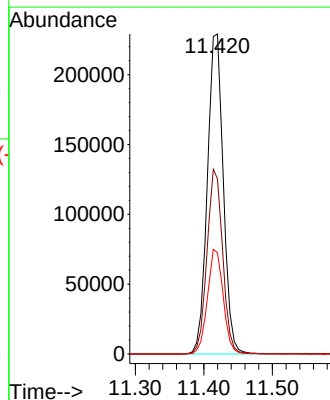
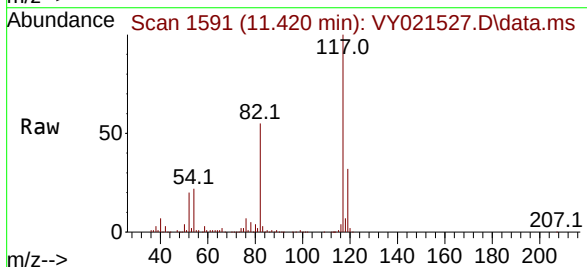
Tgt Ion: 117 Resp: 371517

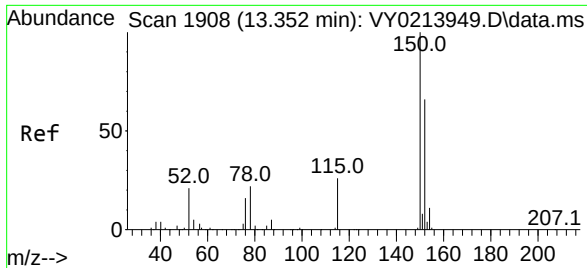
Ion Ratio Lower Upper

117 100

82 54.7 44.6 67.0

119 31.6 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: VY021527.D

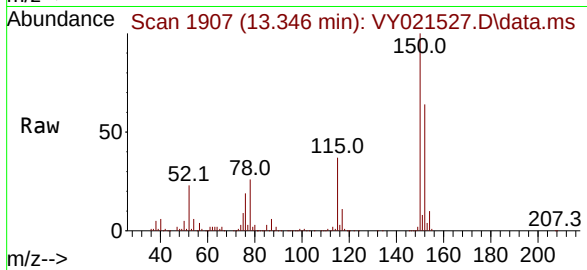
Acq: 13 Mar 2025 16:05

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-031225



Tgt Ion:152 Resp: 141950

Ion Ratio Lower Upper

152 100

115 59.6 29.0 87.0

150 156.9 0.0 347.2

