

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032125\
 Data File : VY021607.D
 Acq On : 21 Mar 2025 18:09
 Operator : SY/MD
 Sample : Q1607-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-031925

Quant Time: Mar 21 23:13:16 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)

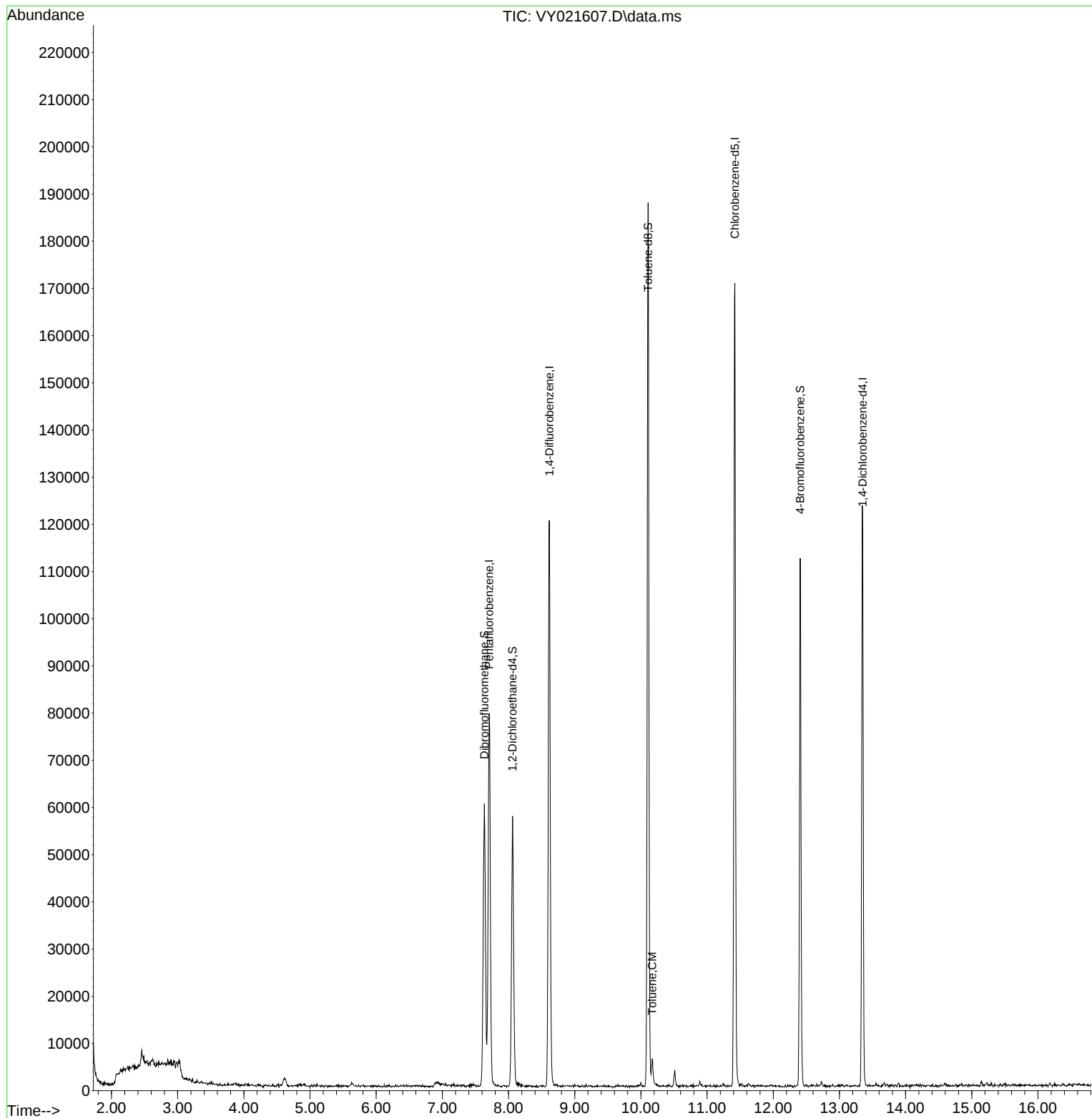
Internal Standards						
1) Pentafluorobenzene	7.707	168	57070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	100390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	91780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	30450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	43934	72.835	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.680%
35) Dibromofluoromethane	7.634	113	41414	62.760	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	125.520%
50) Toluene-d8	10.109	98	119984	48.022	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.040%
62) 4-Bromofluorobenzene	12.408	95	32500	38.240	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.480%
Target Compounds					Qvalue	
52) Toluene	10.170	92	2065	1.076	ug/l	93

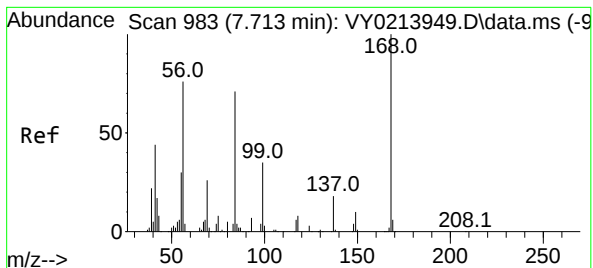
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY021607.D

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MSVOA_Y

ClientSampleId :

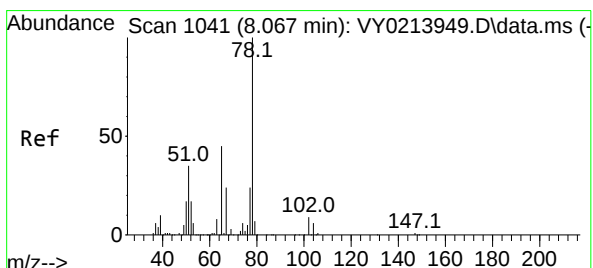
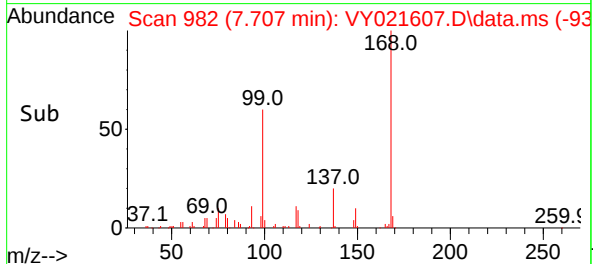
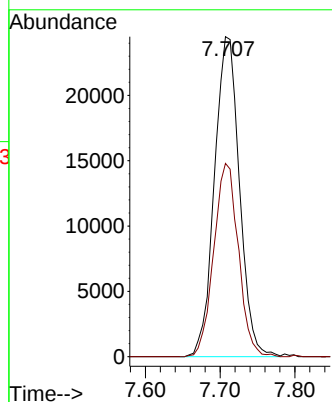
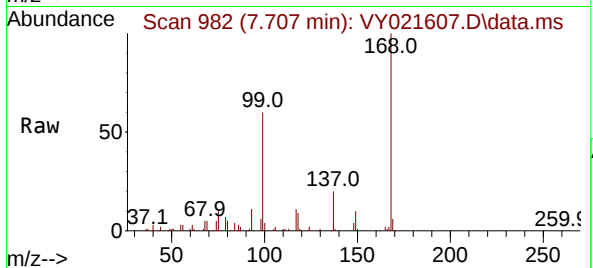
OR-03-031925

Tgt Ion:168 Resp: 57070

Ion Ratio Lower Upper

168 100

99 60.4 46.0 69.0



#33

1,2-Dichloroethane-d4

Concen: 72.835 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY021607.D

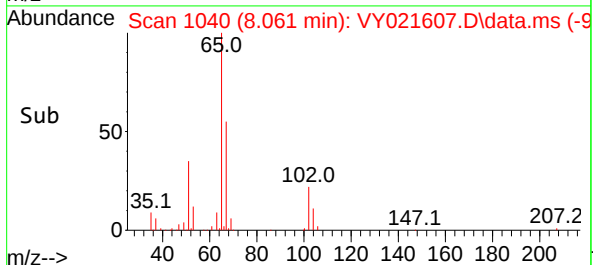
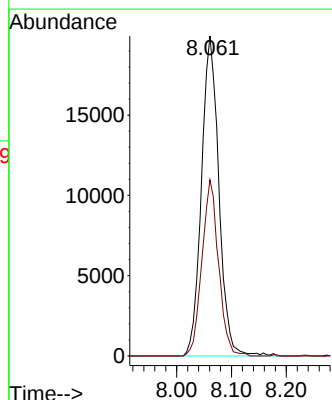
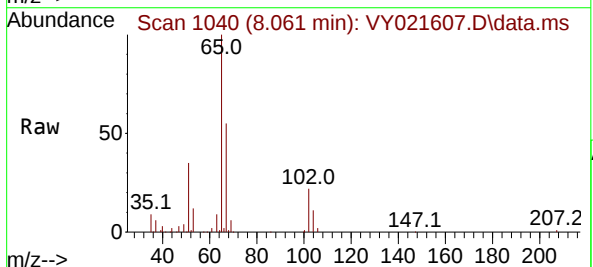
Acq: 21 Mar 2025 18:09

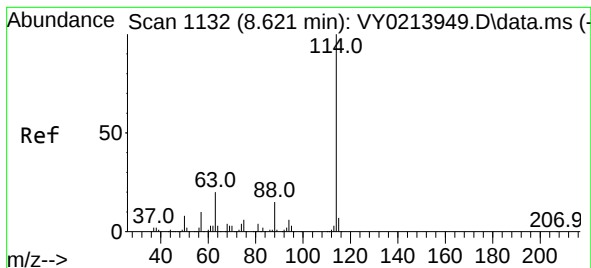
Tgt Ion: 65 Resp: 43934

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY021607.D

Acq: 21 Mar 2025 18:09

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-031925

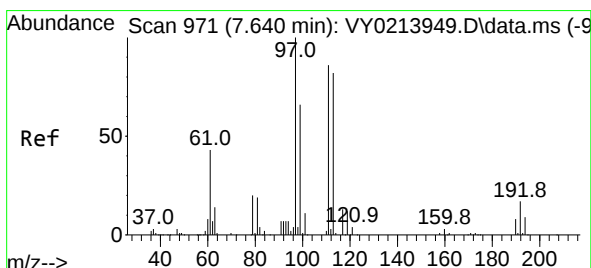
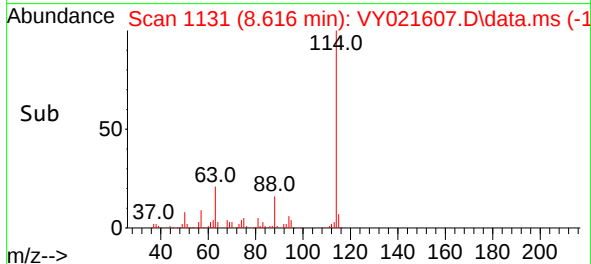
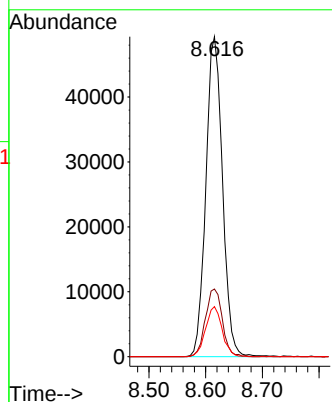
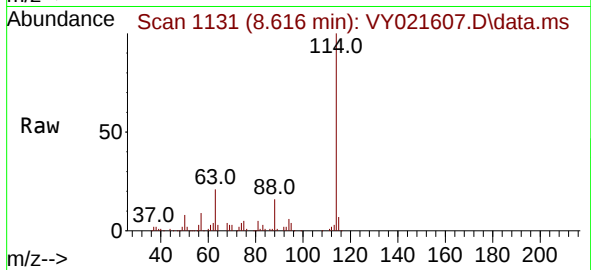
Tgt Ion:114 Resp: 100390

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.8

88 15.6 0.0 30.8



#35

Dibromofluoromethane

Concen: 62.760 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021607.D

Acq: 21 Mar 2025 18:09

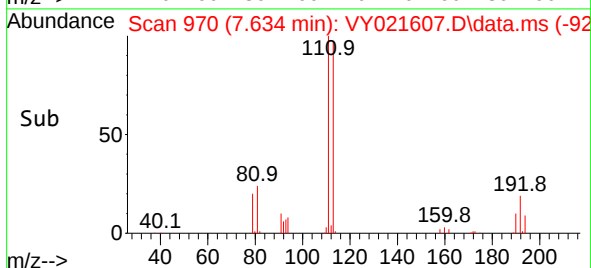
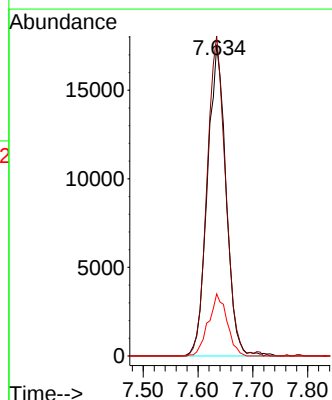
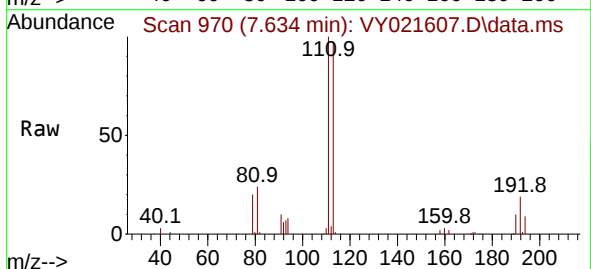
Tgt Ion:113 Resp: 41414

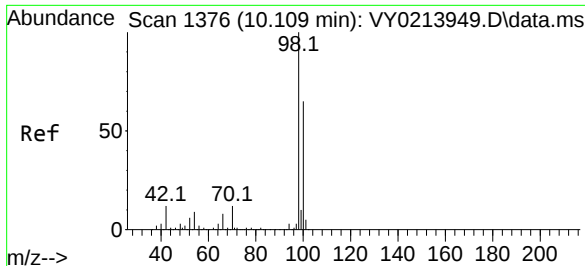
Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

192 19.9 15.9 23.9

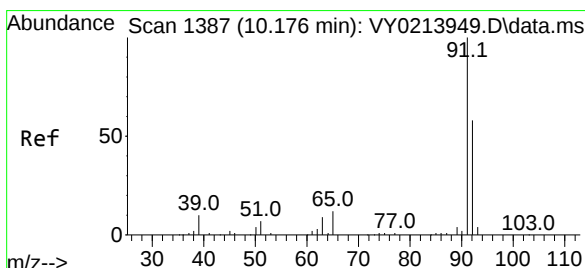
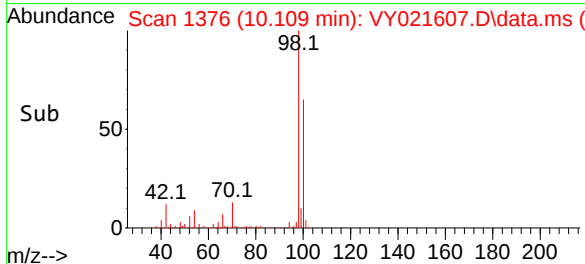
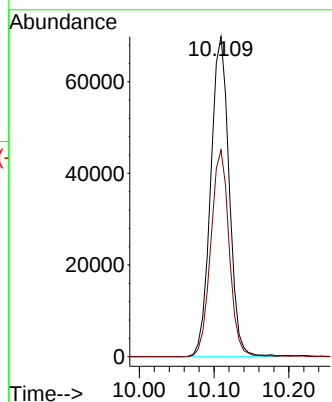
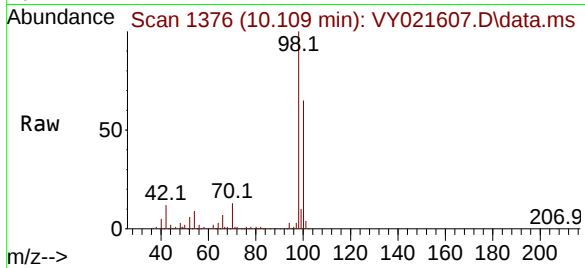




#50
Toluene-d8
Concen: 48.022 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021607.D
Acq: 21 Mar 2025 18:09

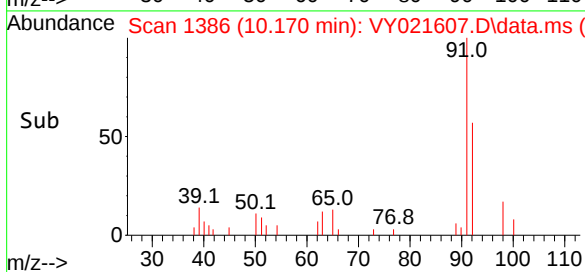
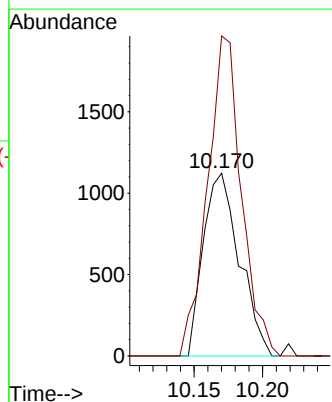
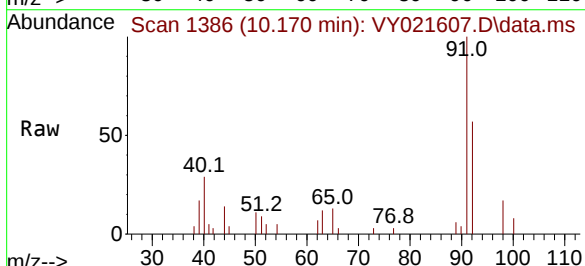
Instrument :
MSVOA_Y
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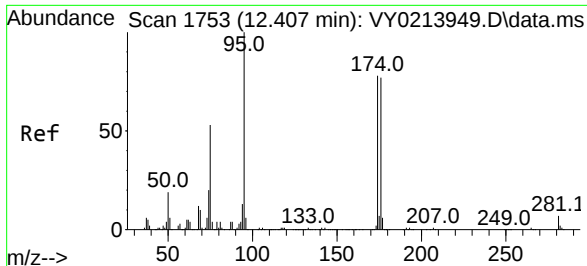
Tgt Ion: 98 Resp: 119984
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



#52
Toluene
Concen: 1.076 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021607.D
Acq: 21 Mar 2025 18:09

Tgt Ion: 92 Resp: 2065
Ion Ratio Lower Upper
92 100
91 163.6 138.2 207.2

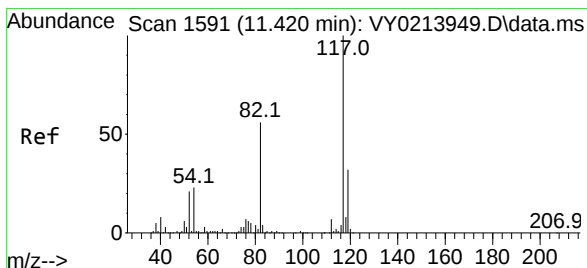
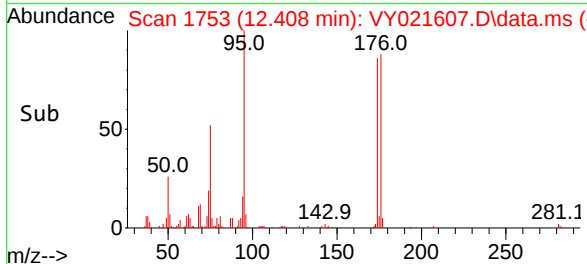
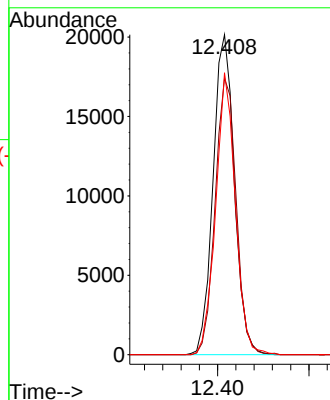
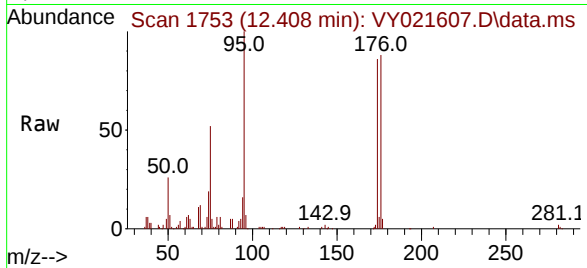




#62
4-Bromofluorobenzene
Concen: 38.240 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021607.D
Acq: 21 Mar 2025 18:09

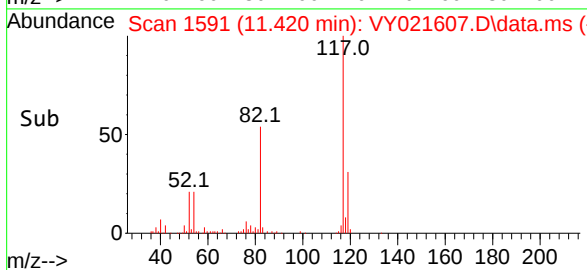
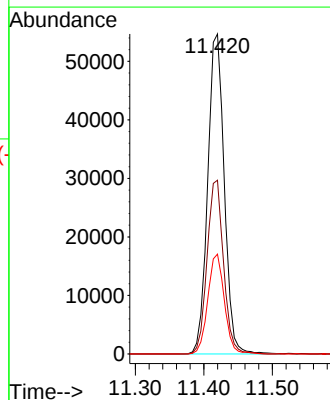
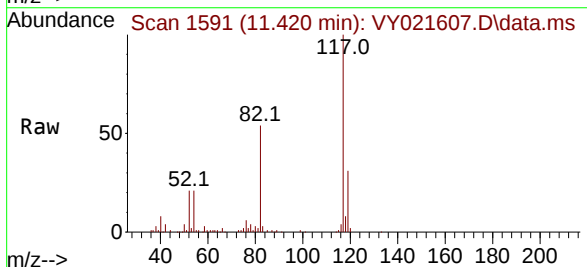
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-031925

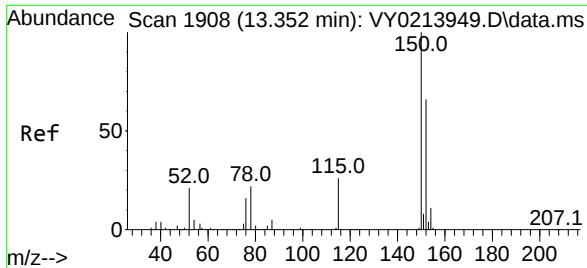
Tgt Ion:	95	Resp:	32500
Ion	Ratio	Lower	Upper
95	100		
174	85.6	0.0	165.0
176	81.7	0.0	160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021607.D
Acq: 21 Mar 2025 18:09

Tgt Ion:	117	Resp:	91780
Ion	Ratio	Lower	Upper
117	100		
82	54.3	44.6	67.0
119	31.2	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY021607.D

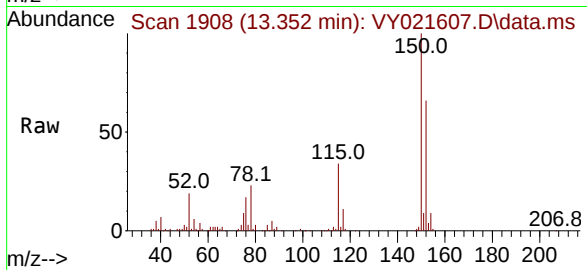
Acq: 21 Mar 2025 18:09

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-031925



Tgt Ion:152 Resp: 30450

Ion Ratio Lower Upper

152 100

115 57.7 29.0 87.0

150 159.6 0.0 347.2

