

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012807.D
 Acq On : 03 Mar 2023 19:28
 Operator : KP/MD
 Sample : 01749-13
 Misc : 7.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
ClientSampleId :
 CF-15

Quant Time: Mar 04 01:27:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	115216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	190507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	158491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	75223	65.757	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.520%
35) Dibromofluoromethane	7.716	113	72858	63.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.740%
50) Toluene-d8	10.179	98	237512	56.509	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.020%
62) 4-Bromofluorobenzene	12.483	95	69292	48.844	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.680%

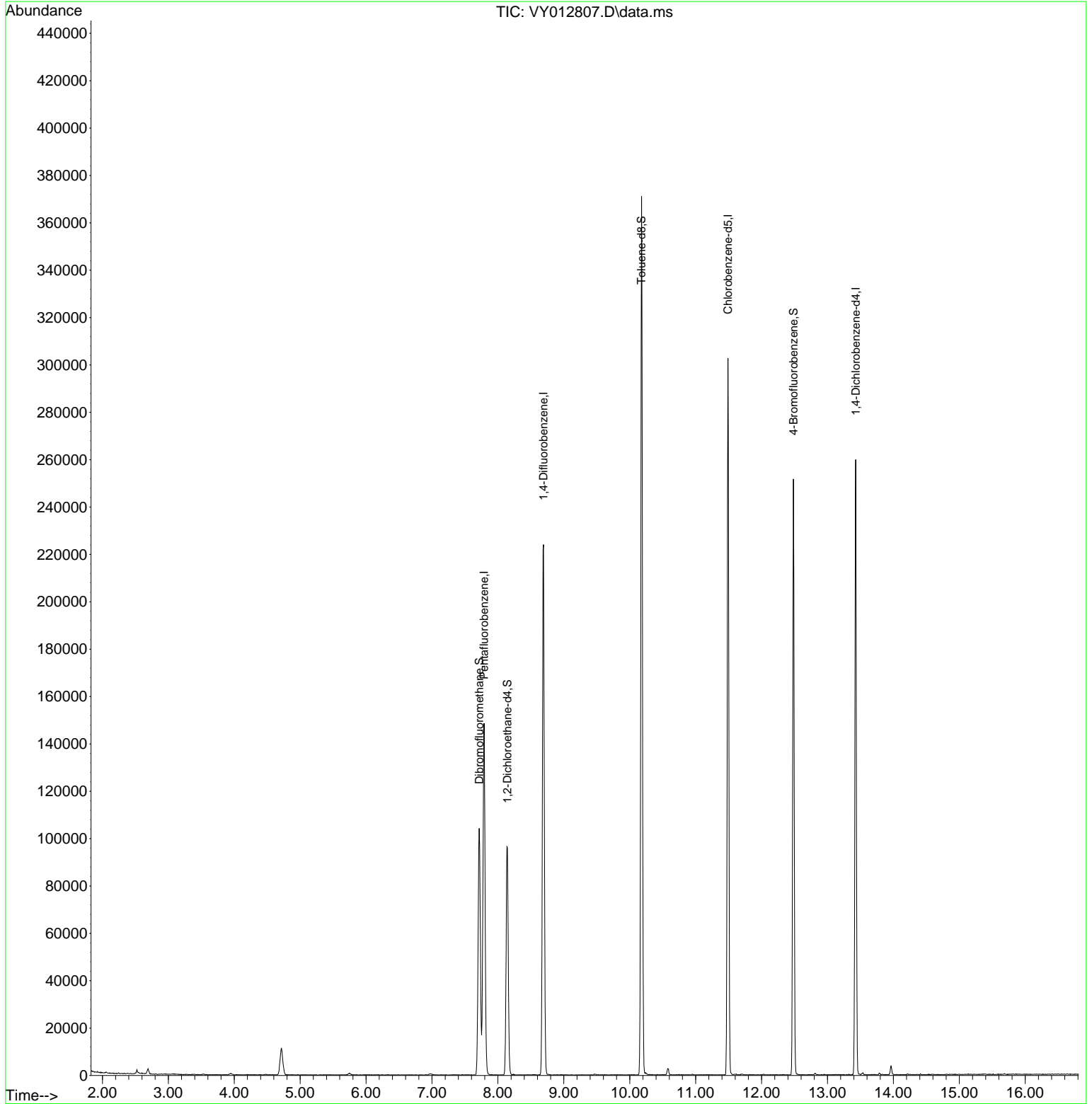
Target Compounds Qvalue

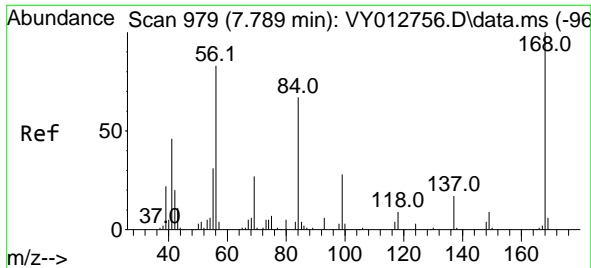
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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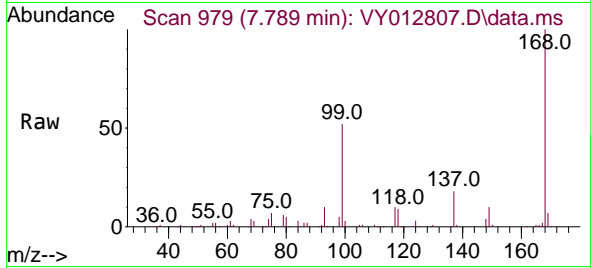
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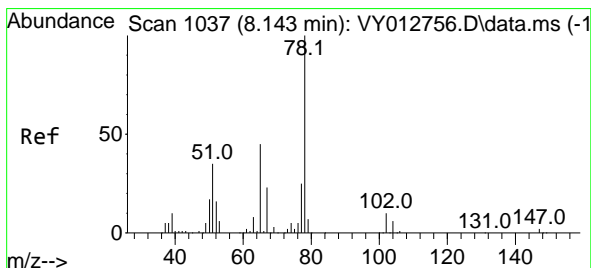
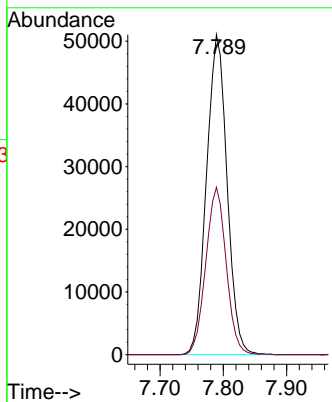
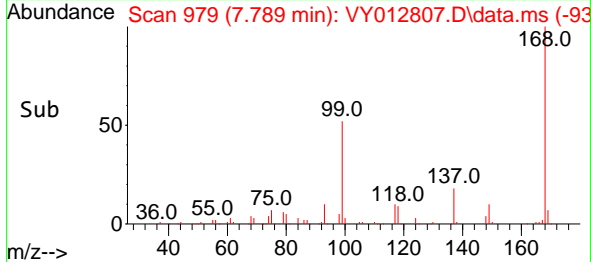


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY012807.D
 Acq: 03 Mar 2023 19:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-15

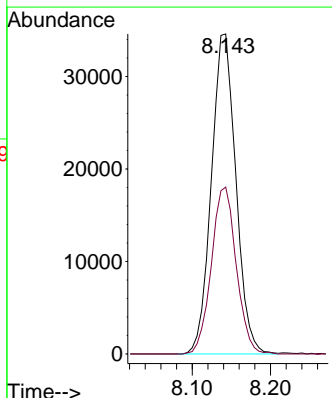
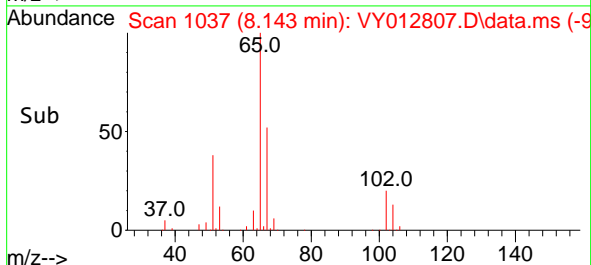
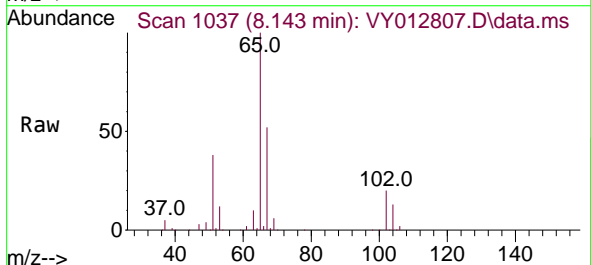


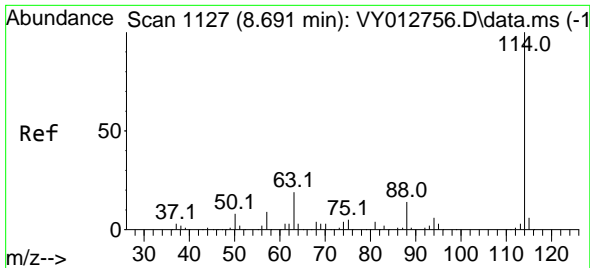
Tgt Ion:168 Resp: 115216
 Ion Ratio Lower Upper
 168 100
 99 52.3 41.7 62.5



#33
 1,2-Dichloroethane-d4
 Concen: 65.757 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY012807.D
 Acq: 03 Mar 2023 19:28

Tgt Ion: 65 Resp: 75223
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.0

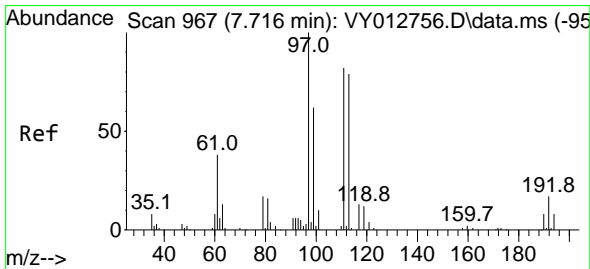
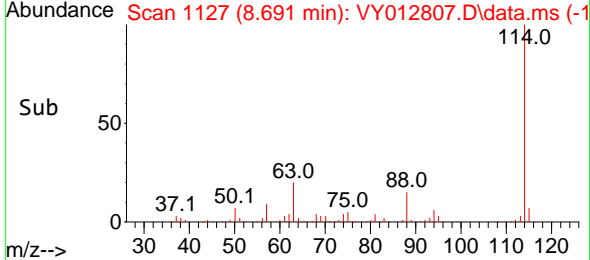
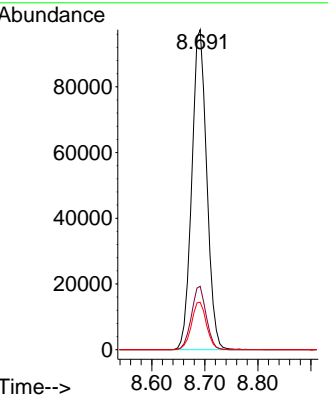
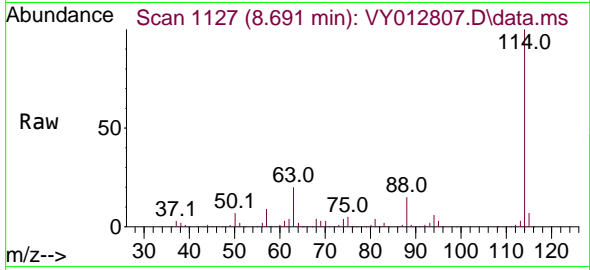




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012807.D
 Acq: 03 Mar 2023 19:28

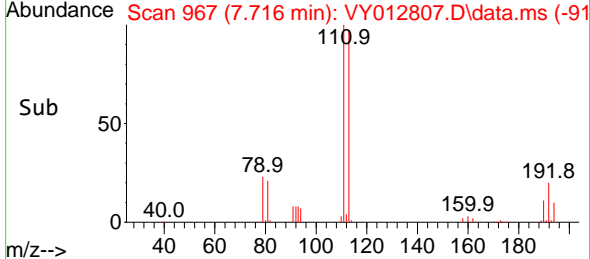
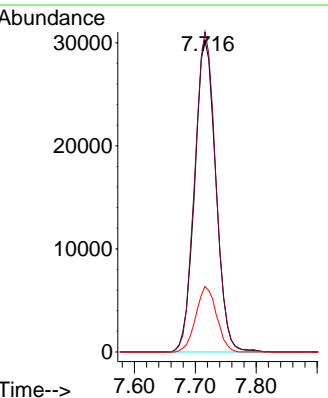
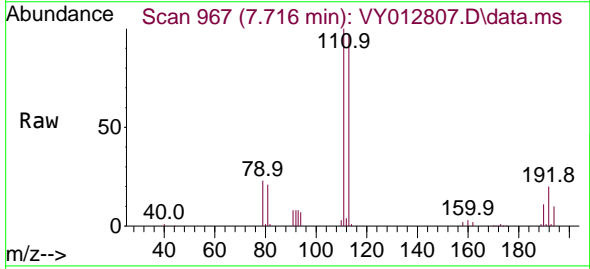
Instrument : MSVOA_Y
 ClientSampleId : VY012807.D
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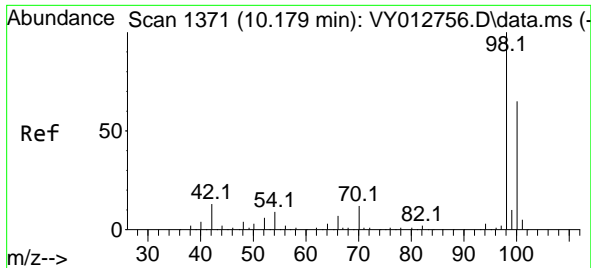
Tgt Ion	Resp	Lower	Upper
114	100		
63	19.8	0.0	37.4
88	14.8	0.0	28.6



#35
 Dibromofluoromethane
 Concen: 63.371 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. 0.000 min
 Lab File: VY012807.D
 Acq: 03 Mar 2023 19:28

Tgt Ion	Resp	Lower	Upper
113	100		
111	102.3	82.2	123.2
192	20.7	16.8	25.2

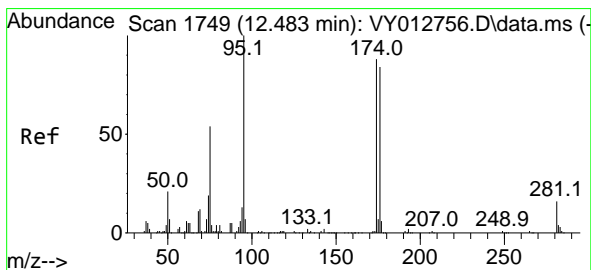
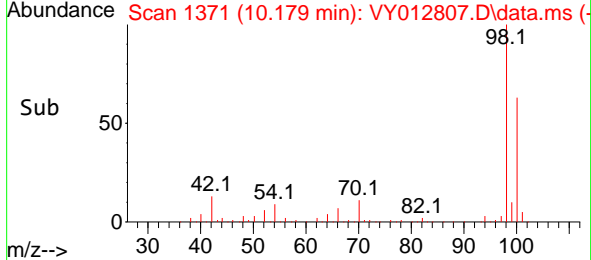
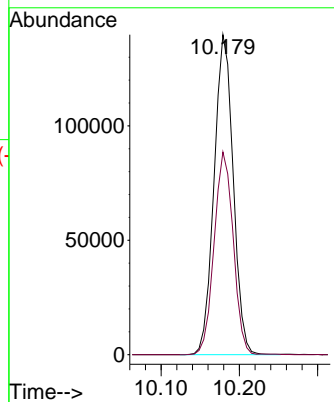
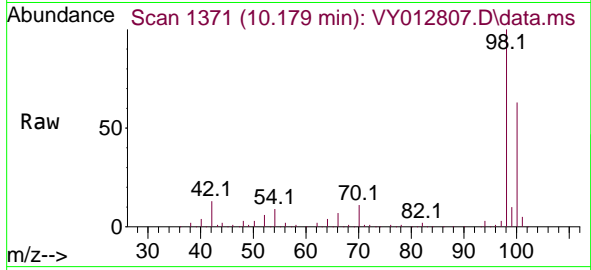




#50
 Toluene-d8
 Concen: 56.509 ug/l
 RT: 10.179 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY012807.D
 Acq: 03 Mar 2023 19:28

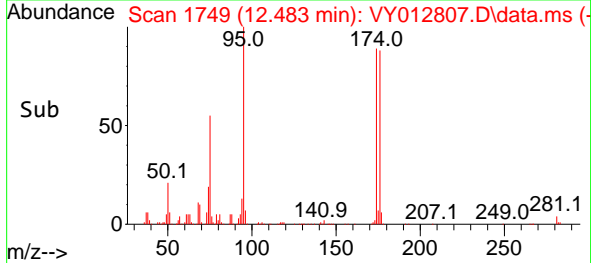
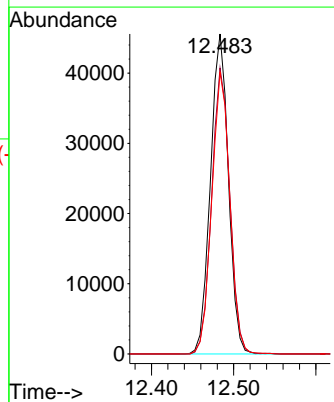
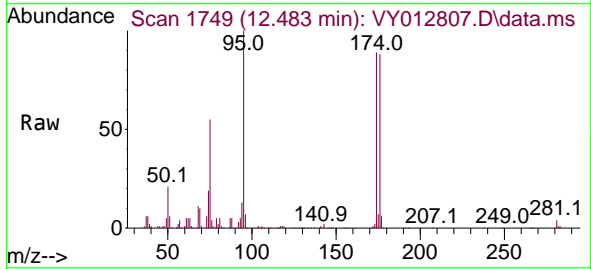
Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-15

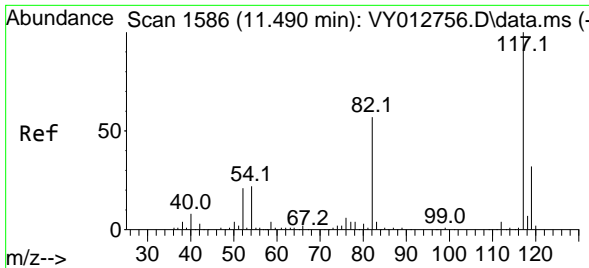
Tgt Ion: 98 Resp: 237512
 Ion Ratio Lower Upper
 98 100
 100 63.3 50.9 76.3



#62
 4-Bromofluorobenzene
 Concen: 48.844 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VY012807.D
 Acq: 03 Mar 2023 19:28

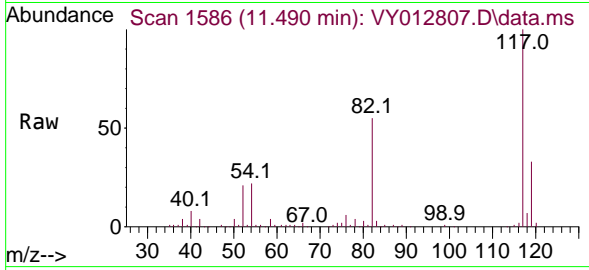
Tgt Ion: 95 Resp: 69292
 Ion Ratio Lower Upper
 95 100
 174 90.1 0.0 176.6
 176 88.3 0.0 170.2



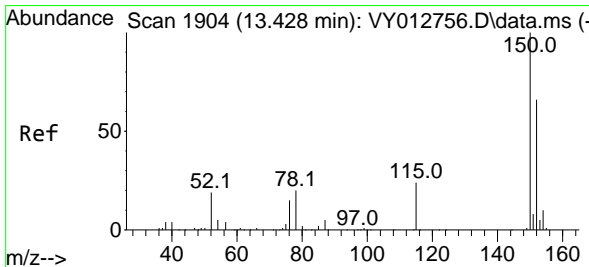
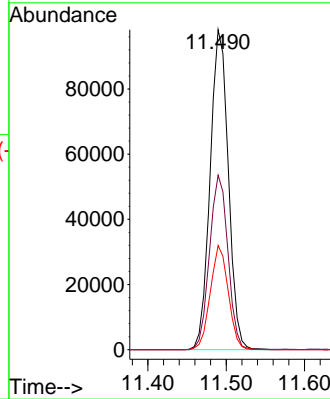
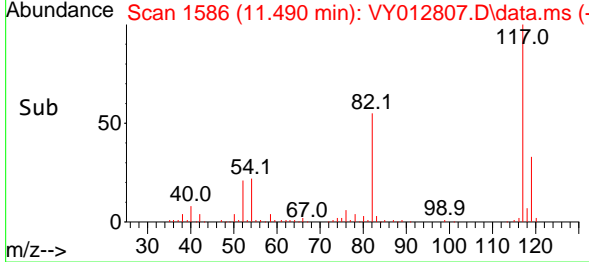


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.490 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY012807.D
 Acq: 03 Mar 2023 19:28

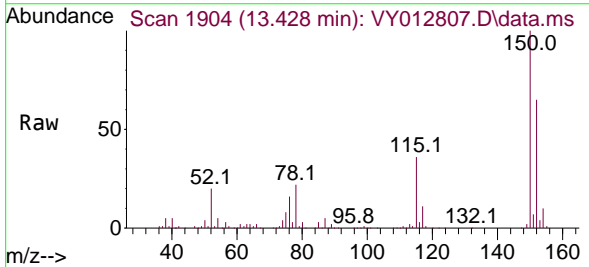
Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-15



Tgt Ion:117 Resp: 158491
 Ion Ratio Lower Upper
 117 100
 82 54.5 45.4 68.0
 119 32.5 25.6 38.4



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY012807.D
 Acq: 03 Mar 2023 19:28



Tgt Ion:152 Resp: 65738
 Ion Ratio Lower Upper
 152 100
 115 54.8 27.1 81.3
 150 156.8 0.0 347.8

