

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013123\
 Data File : VY012426.D
 Acq On : 31 Jan 2023 17:32
 Operator : KP/MD
 Sample : 01371-03
 Misc : 7.32g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 3-RT-15-S

Quant Time: Feb 01 01:26:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

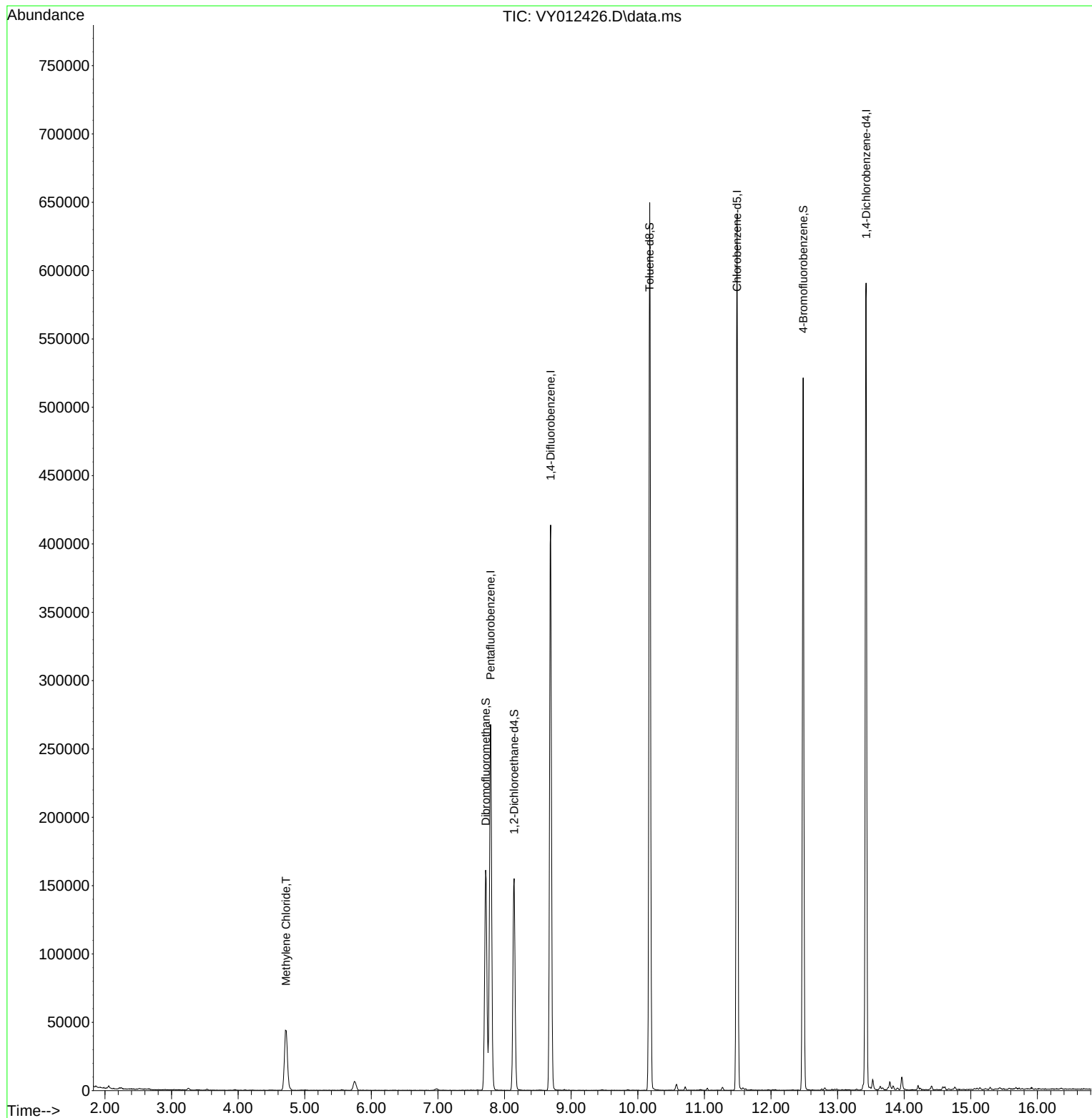
Internal Standards						
1) Pentafluorobenzene	7.789	168	217066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	367795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	356978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	164513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	128789	73.422	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 146.840%	
35) Dibromofluoromethane	7.716	113	112304	57.666	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.340%	
50) Toluene-d8	10.179	98	437062	66.174	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 132.340%	
62) 4-Bromofluorobenzene	12.483	95	149243	54.362	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.720%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	37435	8.143	ug/l	88

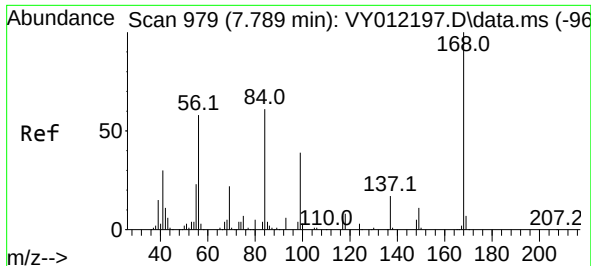
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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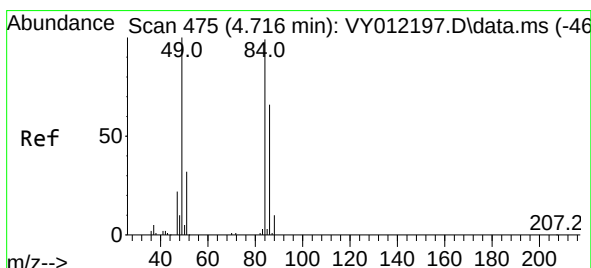
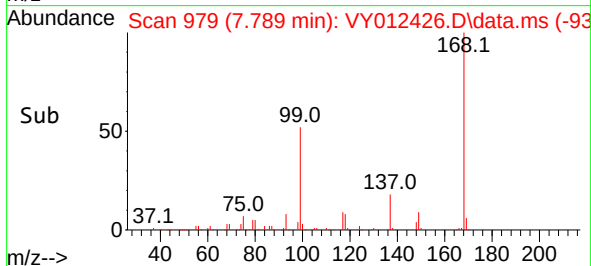
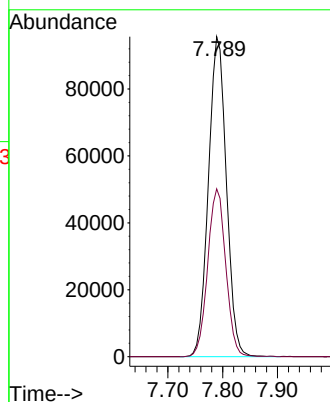
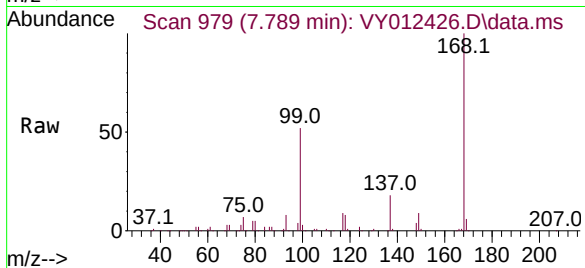




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012426.D
Acq: 31 Jan 2023 17:32

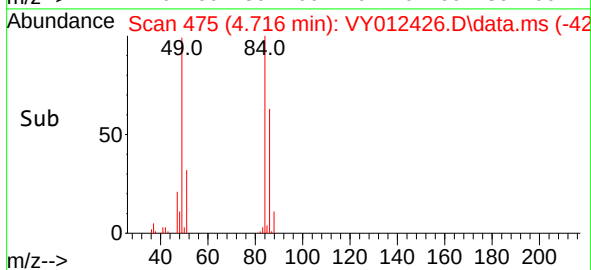
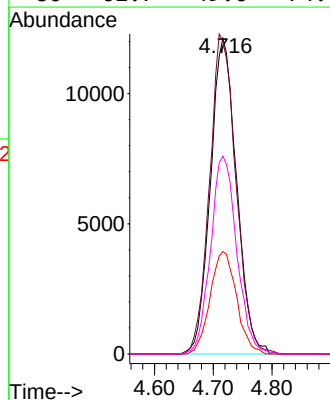
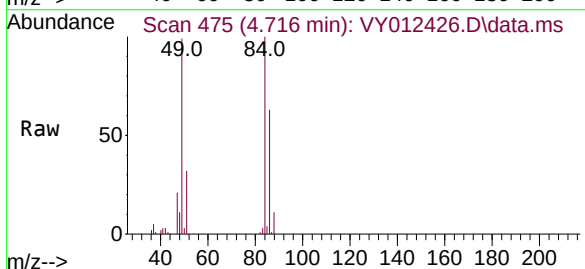
Instrument :
MSVOA_Y
ClientSampleId :
3-RT-15-S

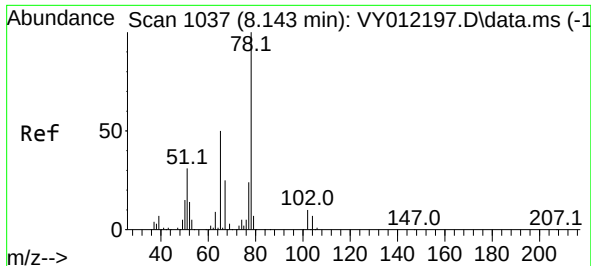
Tgt Ion:168 Resp: 217066
Ion Ratio Lower Upper
168 100
99 52.4 44.0 66.0



#20
Methylene Chloride
Concen: 8.143 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012426.D
Acq: 31 Jan 2023 17:32

Tgt Ion: 84 Resp: 37435
Ion Ratio Lower Upper
84 100
49 99.0 95.4 143.2
51 32.5 29.9 44.9
86 62.7 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 73.422 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY012426.D

Acq: 31 Jan 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

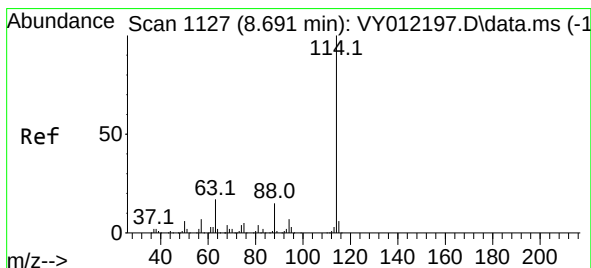
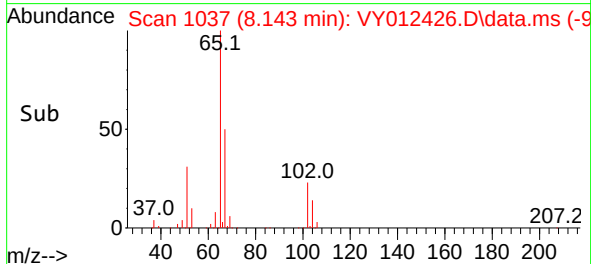
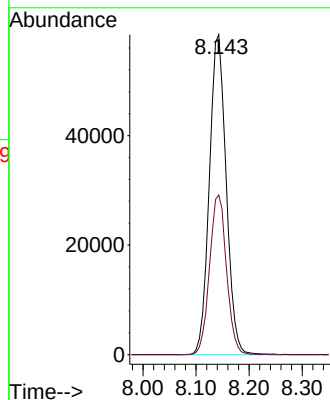
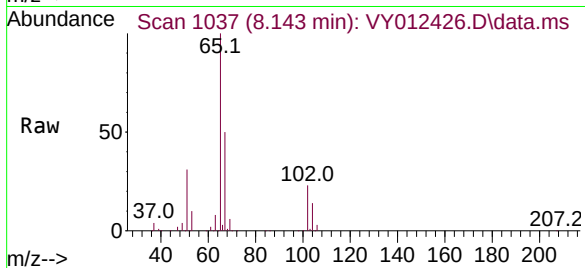
3-RT-15-S

Tgt Ion: 65 Resp: 128789

Ion Ratio Lower Upper

65 100

67 50.2 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012426.D

Acq: 31 Jan 2023 17:32

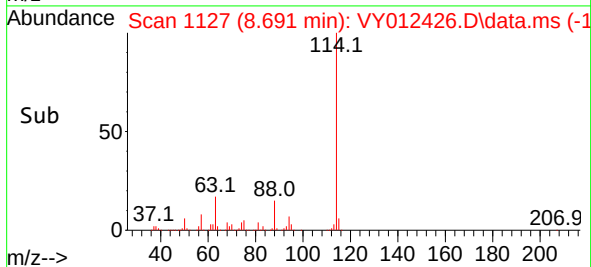
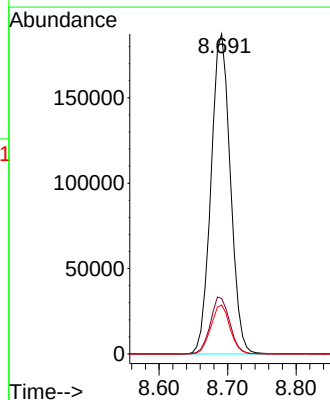
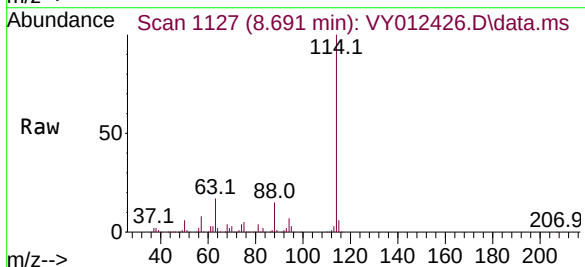
Tgt Ion: 114 Resp: 367795

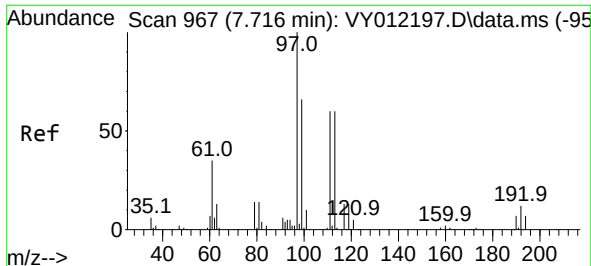
Ion Ratio Lower Upper

114 100

63 17.4 0.0 39.6

88 15.3 0.0 32.2

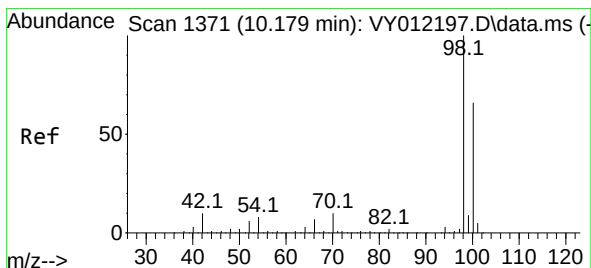
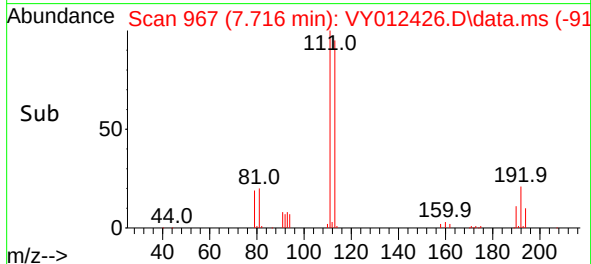
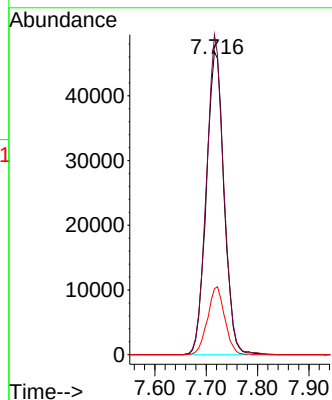
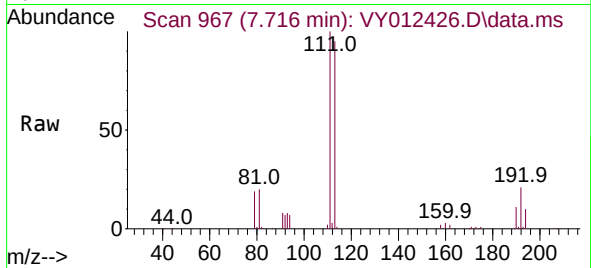




#35
Dibromofluoromethane
Concen: 57.666 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012426.D
Acq: 31 Jan 2023 17:32

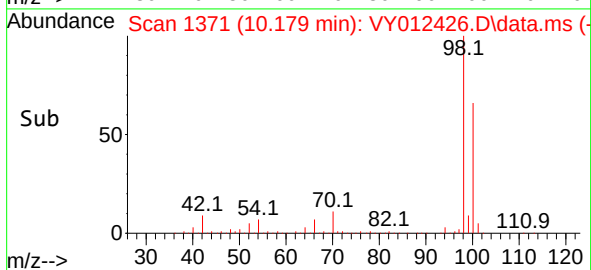
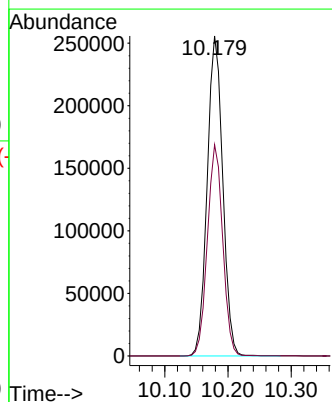
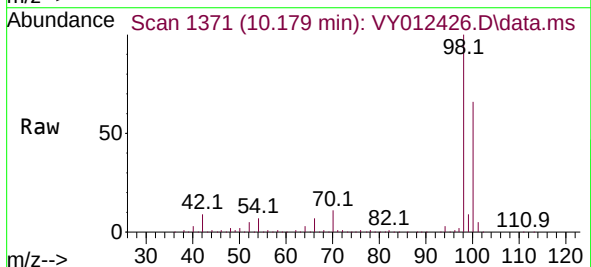
Instrument :
MSVOA_Y
ClientSampleId :
3-RT-15-S

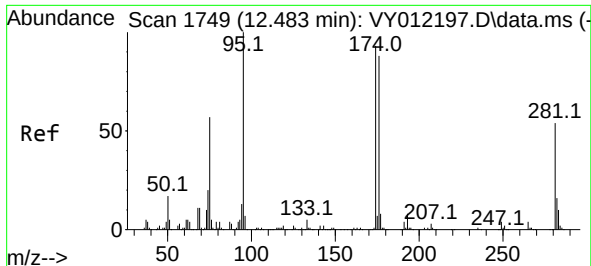
Tgt Ion:113 Resp: 112304
Ion Ratio Lower Upper
113 100
111 102.8 83.0 124.4
192 21.8 16.0 24.0



#50
Toluene-d8
Concen: 66.174 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012426.D
Acq: 31 Jan 2023 17:32

Tgt Ion: 98 Resp: 437062
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

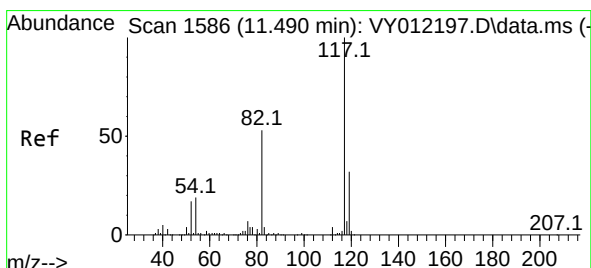
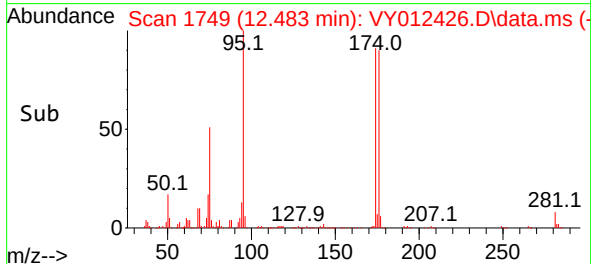
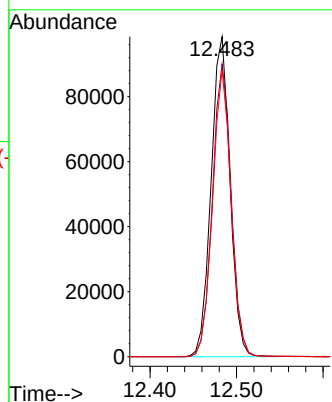
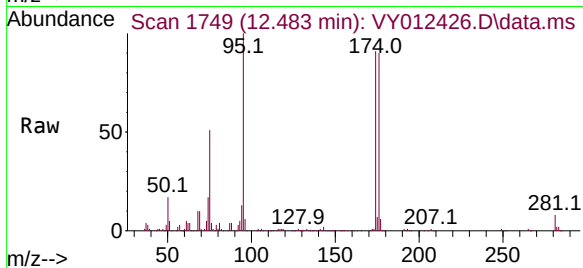




#62
4-Bromofluorobenzene
Concen: 54.362 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012426.D
Acq: 31 Jan 2023 17:32

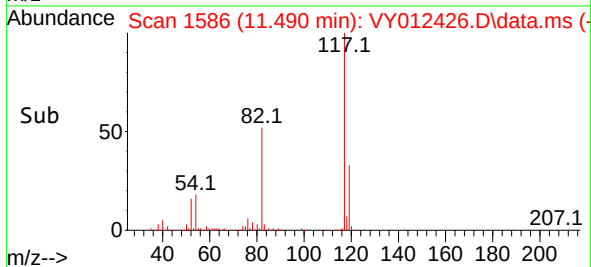
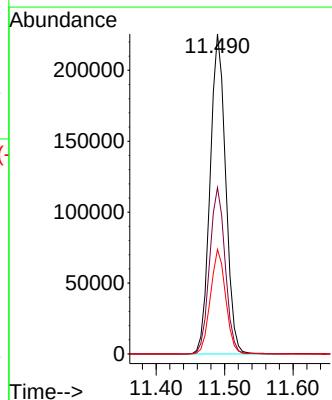
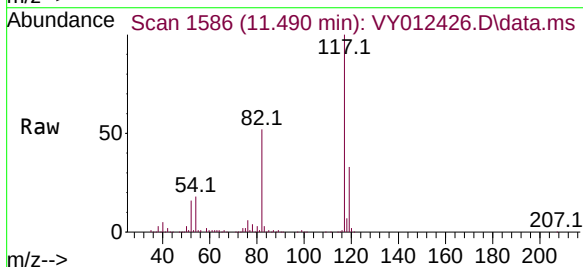
Instrument :
MSVOA_Y
ClientSampleId :
3-RT-15-S

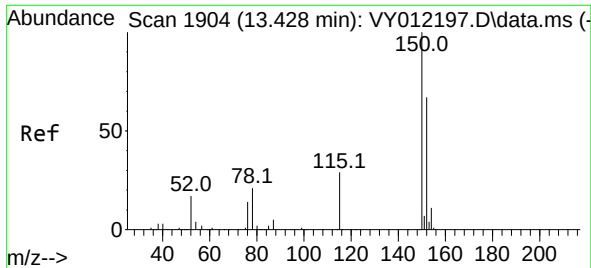
Tgt Ion: 95 Resp: 149243
Ion Ratio Lower Upper
95 100
174 91.4 0.0 172.0
176 87.8 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012426.D
Acq: 31 Jan 2023 17:32

Tgt Ion: 117 Resp: 356978
Ion Ratio Lower Upper
117 100
82 52.0 44.8 67.2
119 32.7 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012426.D

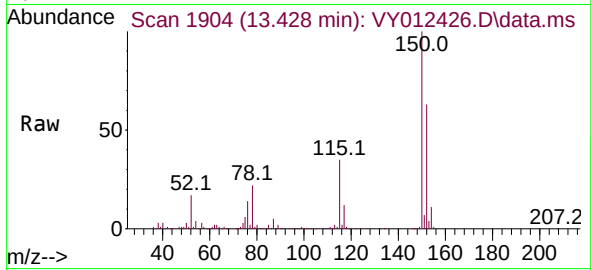
Acq: 31 Jan 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

3-RT-15-S



Tgt Ion:152 Resp: 164513

Ion Ratio Lower Upper

152 100

115 56.4 29.1 87.3

150 157.1 0.0 342.6

