

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
 Data File : VY013577.D
 Acq On : 03 May 2023 13:26
 Operator : KP/MD
 Sample : 02558-06
 Misc : 3.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-SS013-0006-01

Quant Time: May 03 15:41:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

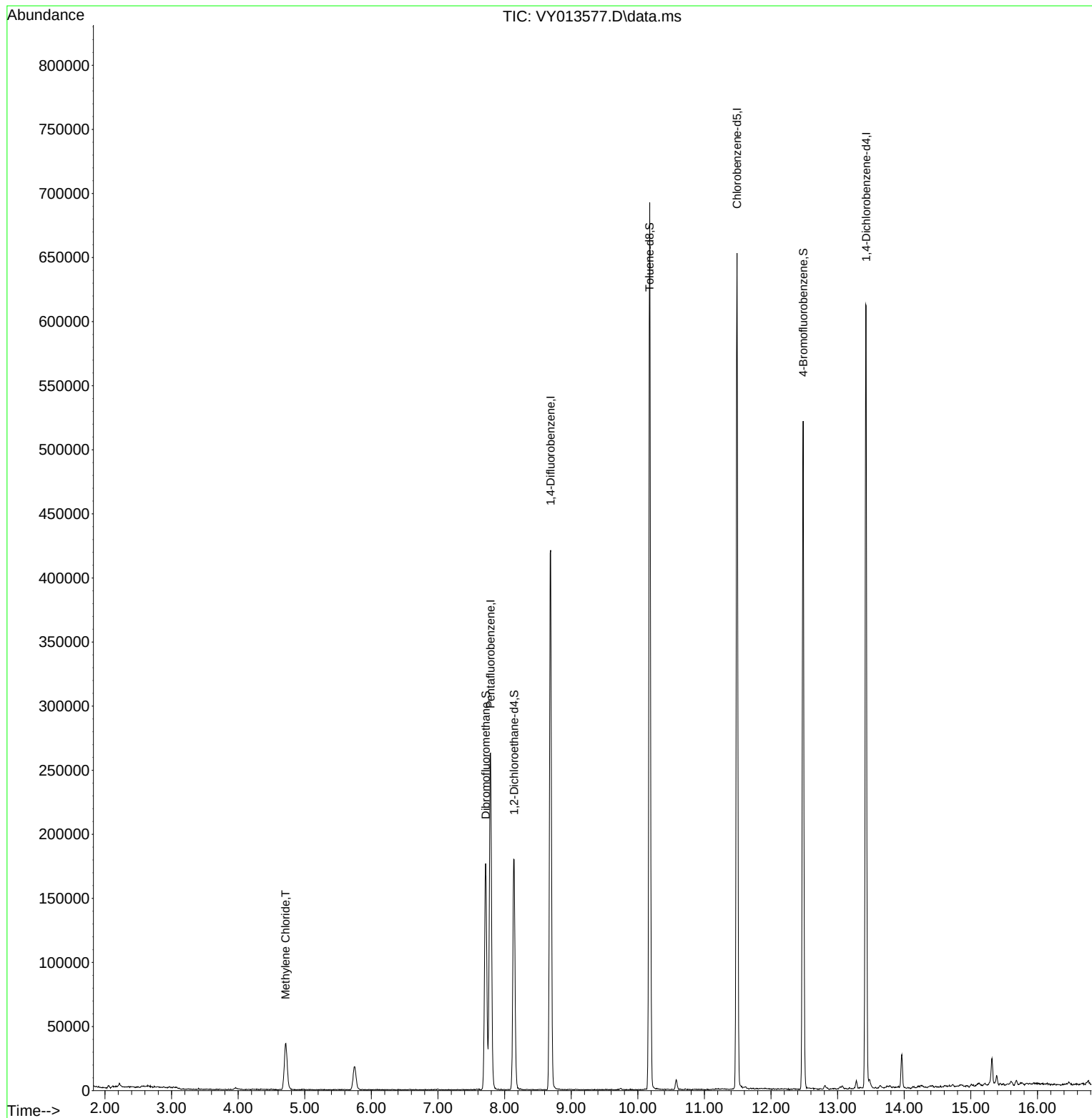
Internal Standards						
1) Pentafluorobenzene	7.789	168	210229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	357197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	344372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	151101	65.566	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.140%
35) Dibromofluoromethane	7.716	113	120922	53.824	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.640%
50) Toluene-d8	10.179	98	435410	54.480	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.960%
62) 4-Bromofluorobenzene	12.483	95	141582	52.548	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.100%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.710	84	26178	1.333	ug/l	95

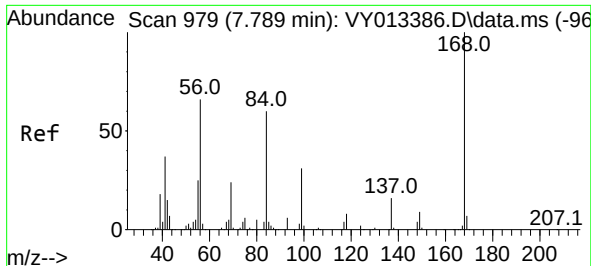
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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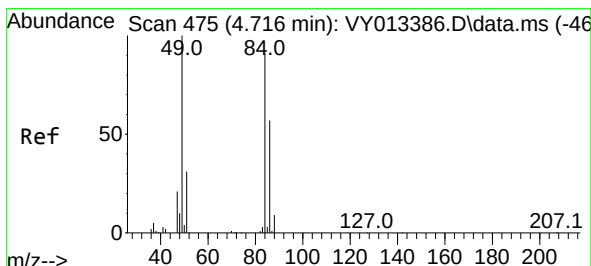
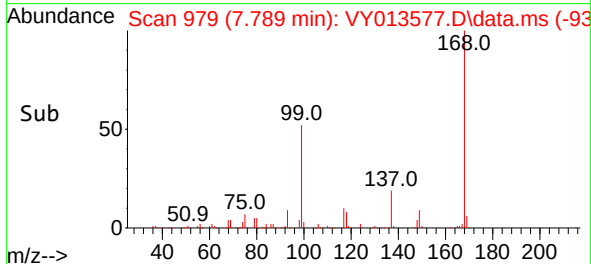
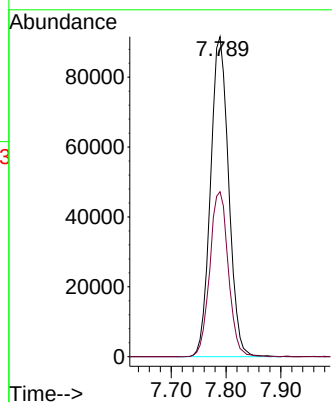
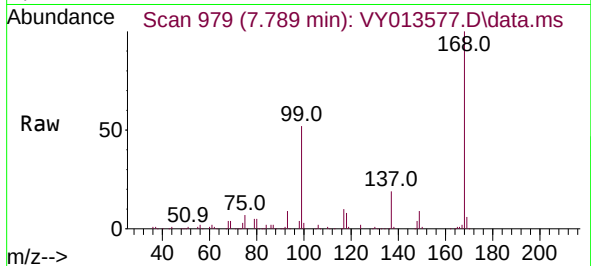




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013577.D
Acq: 03 May 2023 13:26

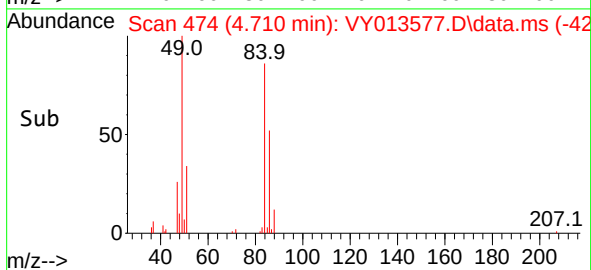
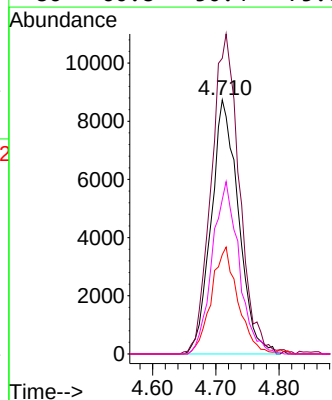
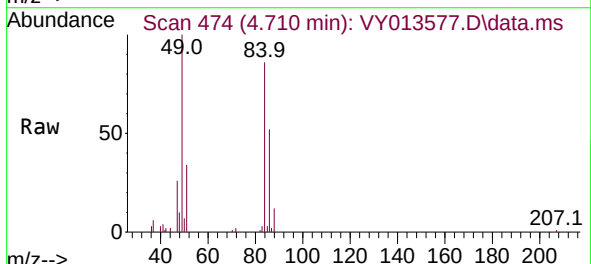
Instrument :
MSVOA_Y
ClientSampleId :
P001-SS013-0006-01

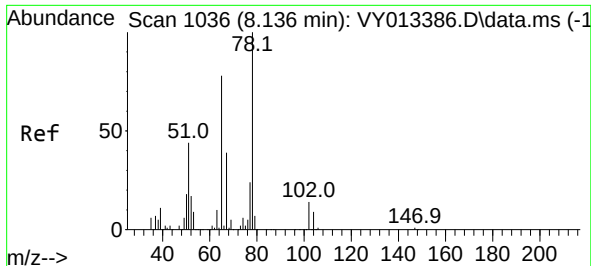
Tgt Ion:168 Resp: 210229
Ion Ratio Lower Upper
168 100
99 51.5 41.8 62.6



#20
Methylene Chloride
Concen: 1.333 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013577.D
Acq: 03 May 2023 13:26

Tgt Ion: 84 Resp: 26178
Ion Ratio Lower Upper
84 100
49 116.4 88.0 132.0
51 39.1 27.4 41.0
86 60.8 50.4 75.6





#33

1,2-Dichloroethane-d4

Concen: 65.566 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY013577.D

Acq: 03 May 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

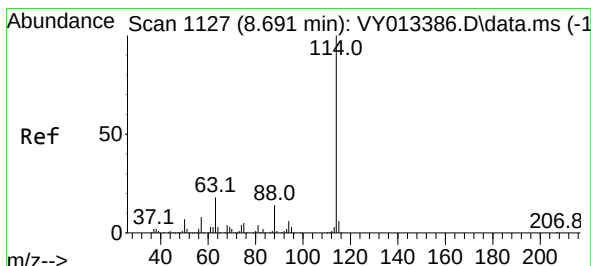
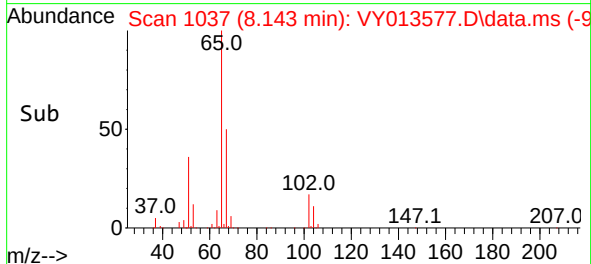
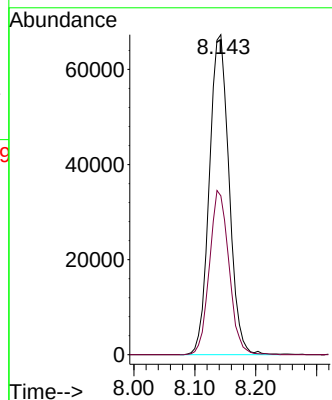
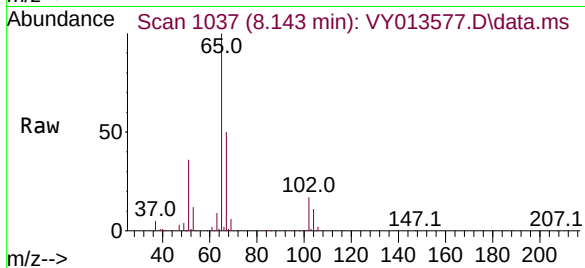
P001-SS013-0006-01

Tgt Ion: 65 Resp: 151101

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013577.D

Acq: 03 May 2023 13:26

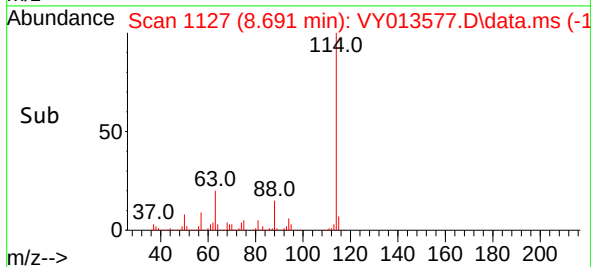
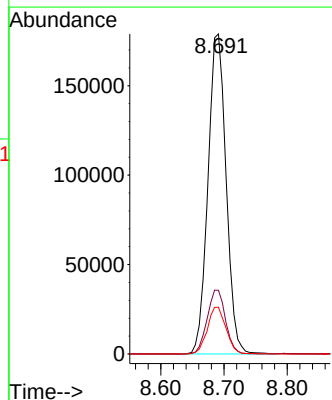
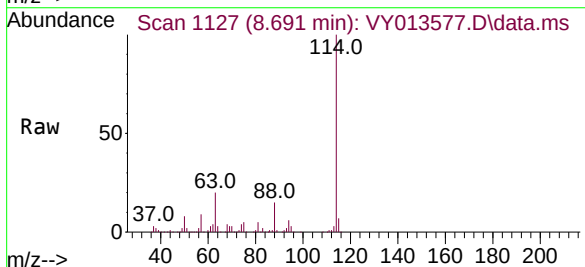
Tgt Ion: 114 Resp: 357197

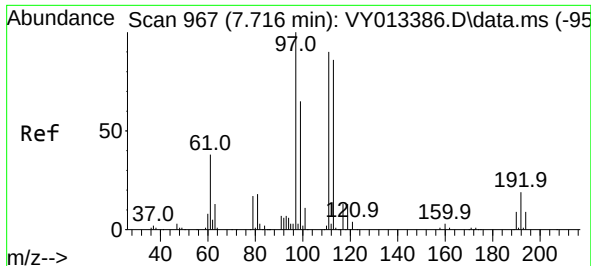
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.6

88 14.6 0.0 28.8

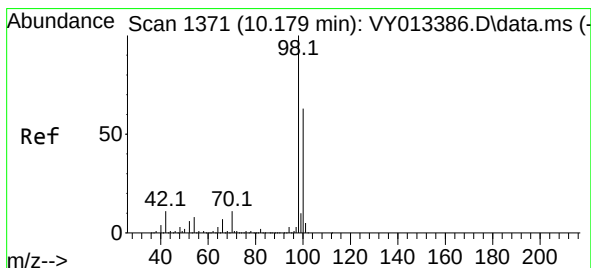
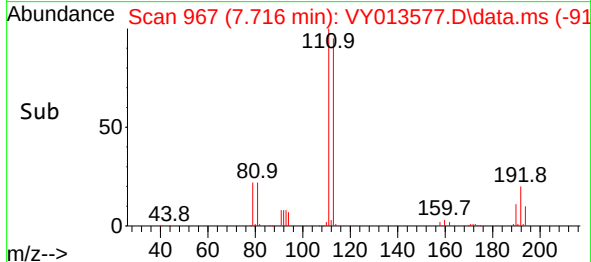
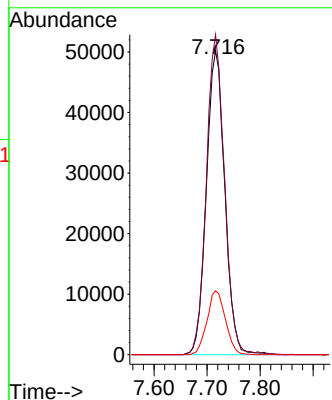
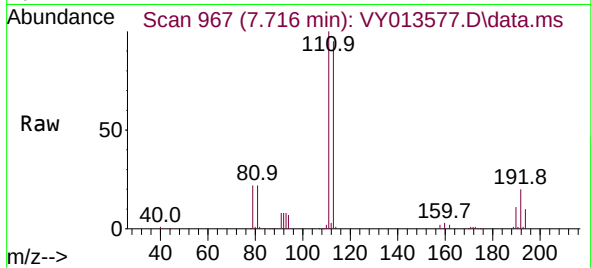




#35
Dibromofluoromethane
Concen: 53.824 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013577.D
Acq: 03 May 2023 13:26

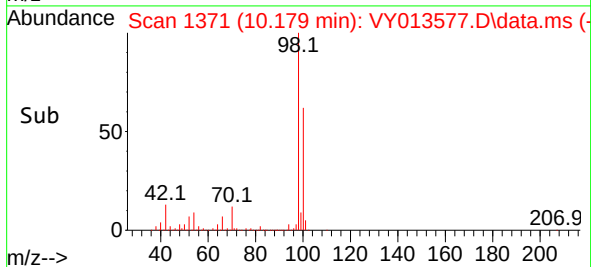
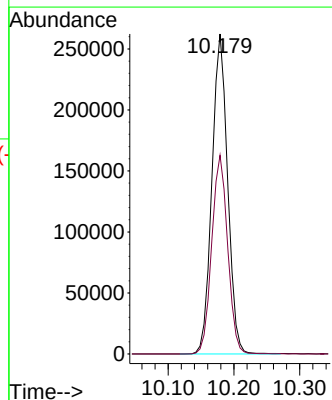
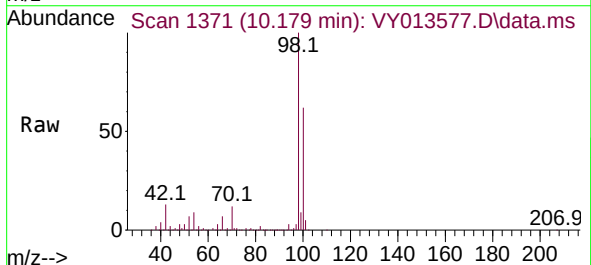
Instrument :
MSVOA_Y
ClientSampleId :
P001-SS013-0006-01

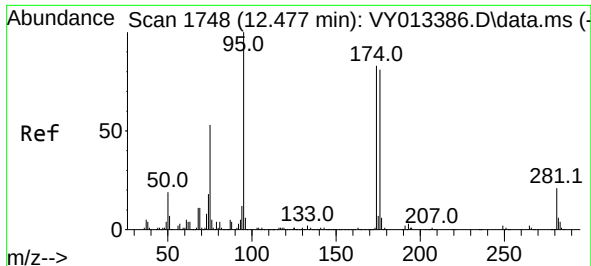
Tgt Ion:113 Resp: 120922
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.2
192 21.0 16.7 25.1



#50
Toluene-d8
Concen: 54.480 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013577.D
Acq: 03 May 2023 13:26

Tgt Ion: 98 Resp: 435410
Ion Ratio Lower Upper
98 100
100 63.0 50.5 75.7

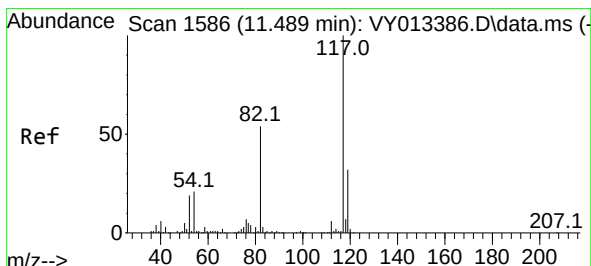
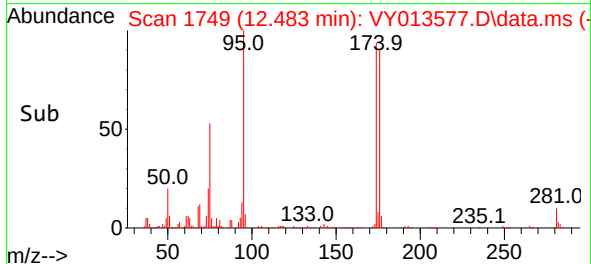
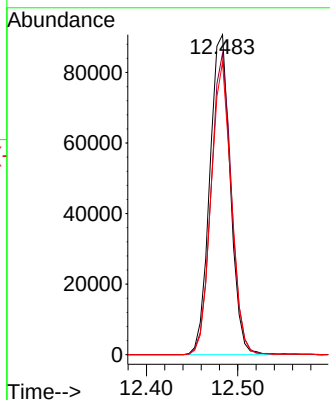
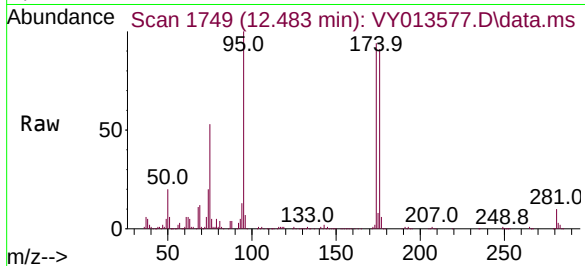




#62
4-Bromofluorobenzene
Concen: 52.548 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013577.D
Acq: 03 May 2023 13:26

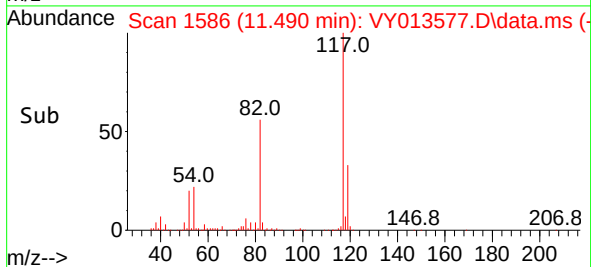
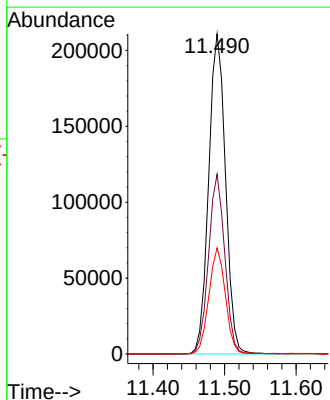
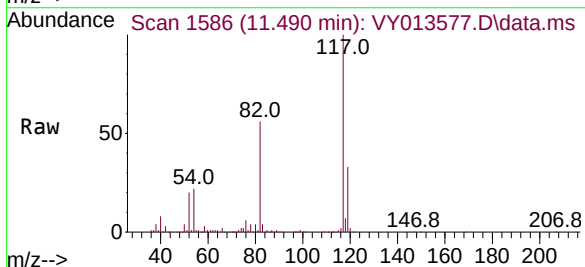
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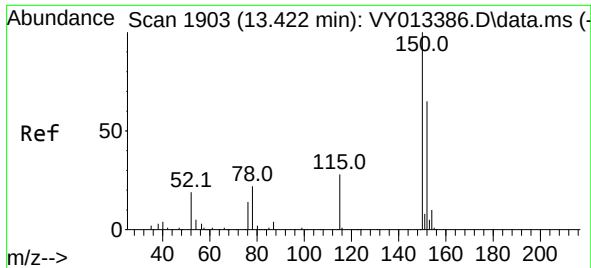
Tgt Ion: 95 Resp: 141582
Ion Ratio Lower Upper
95 100
174 93.1 0.0 182.0
176 90.1 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013577.D
Acq: 03 May 2023 13:26

Tgt Ion: 117 Resp: 344372
Ion Ratio Lower Upper
117 100
82 56.2 43.0 64.6
119 33.1 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013577.D

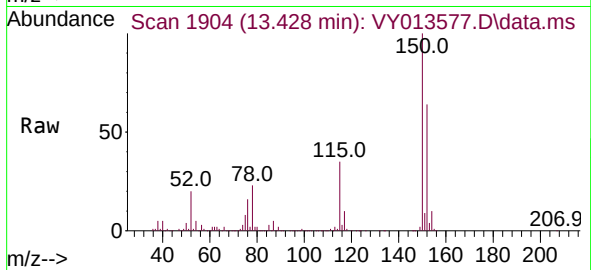
Acq: 03 May 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

P001-SS013-0006-01



Tgt Ion:152 Resp: 159159

Ion Ratio Lower Upper

152 100

115 56.5 28.1 84.2

150 156.6 0.0 352.0

