

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
 Data File : VY013576.D
 Acq On : 03 May 2023 13:03
 Operator : KP/MD
 Sample : 02558-08
 Misc : 4.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-SS013-1218-01

Quant Time: May 03 15:40:48 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)

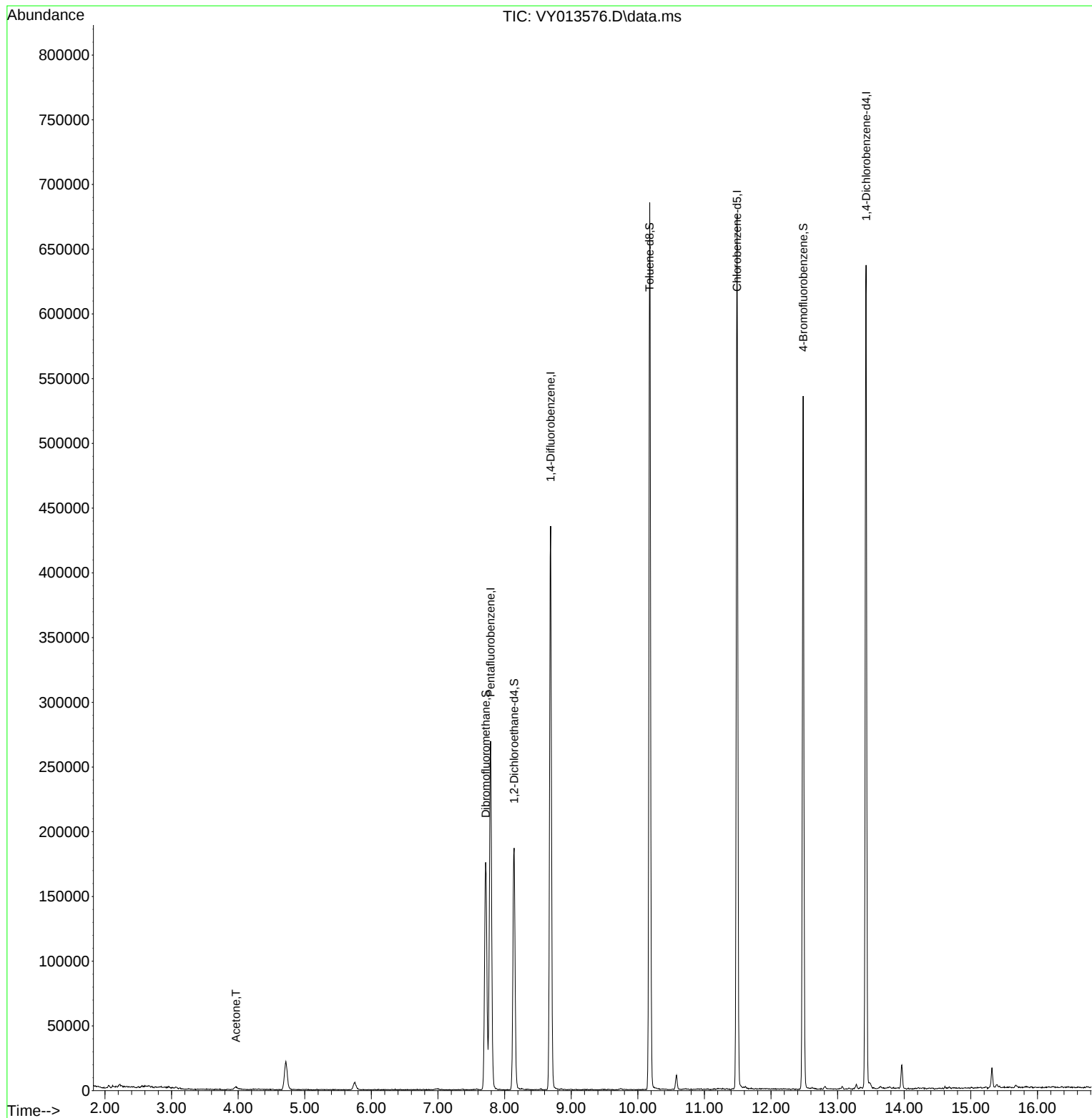
Internal Standards						
1) Pentafluorobenzene	7.789	168	212002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	360671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	355542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	153047	65.855	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.700%	
35) Dibromofluoromethane	7.715	113	123165	54.295	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.580%	
50) Toluene-d8	10.178	98	441353	54.692	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.380%	
62) 4-Bromofluorobenzene	12.483	95	144929	53.272	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.540%	
Target Compounds						
16) Acetone	3.966	43	5065	5.534	ug/l	Qvalue 97

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

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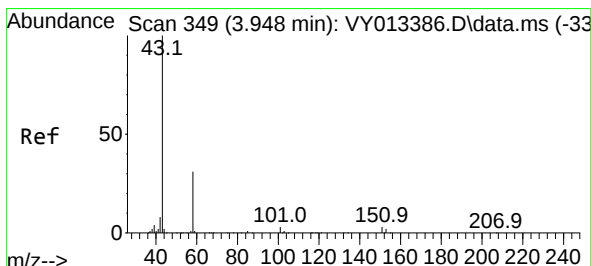
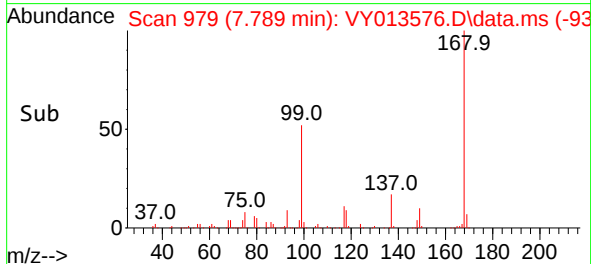
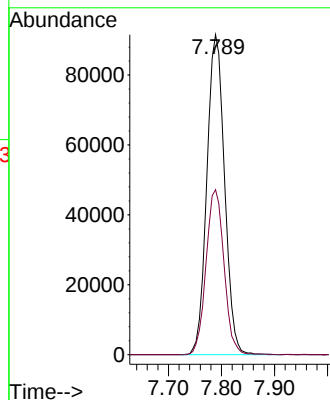
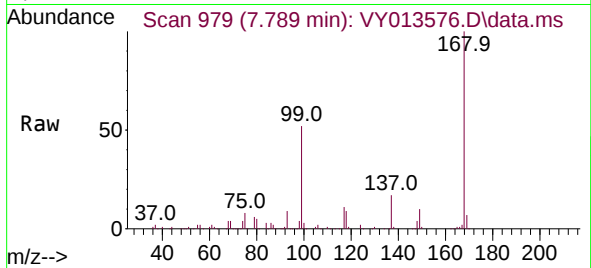




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013576.D
Acq: 03 May 2023 13:03

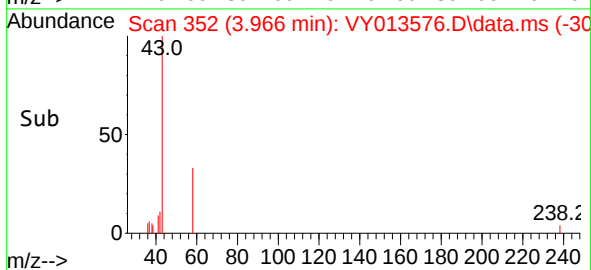
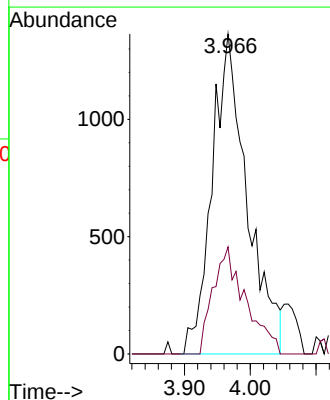
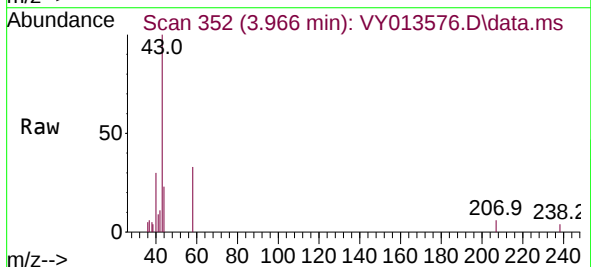
Instrument :
MSVOA_Y
ClientSampleId :
P001-SS013-1218-01

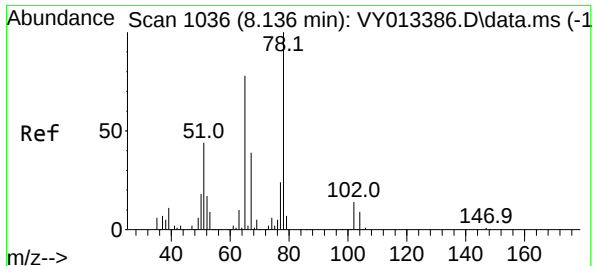
Tgt Ion:168 Resp: 212002
Ion Ratio Lower Upper
168 100
99 51.5 41.8 62.6



#16
Acetone
Concen: 5.534 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.018 min
Lab File: VY013576.D
Acq: 03 May 2023 13:03

Tgt Ion: 43 Resp: 5065
Ion Ratio Lower Upper
43 100
58 33.4 25.4 38.0





#33

1,2-Dichloroethane-d4

Concen: 65.855 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY013576.D

Acq: 03 May 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

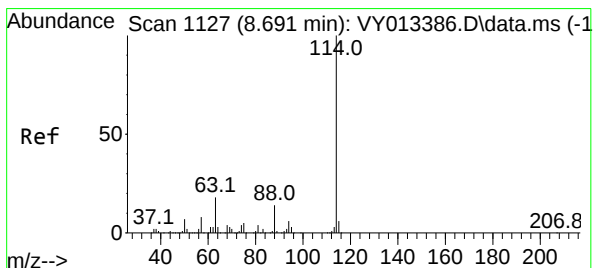
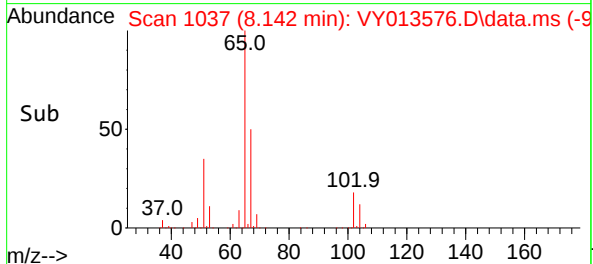
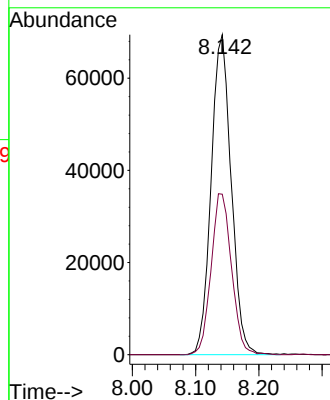
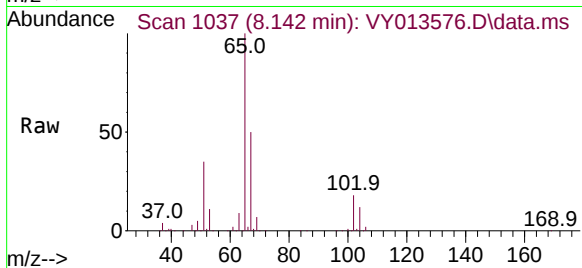
P001-SS013-1218-01

Tgt Ion: 65 Resp: 153047

Ion Ratio Lower Upper

65 100

67 51.2 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: VY013576.D

Acq: 03 May 2023 13:03

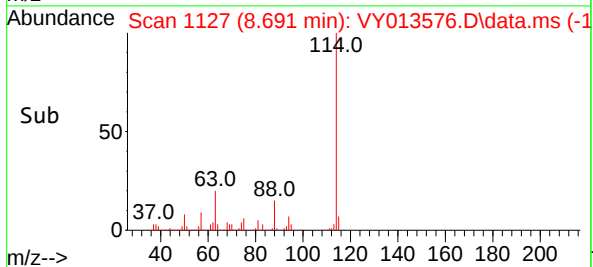
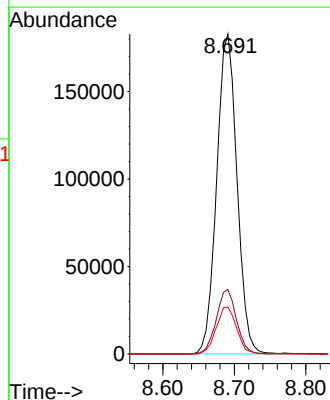
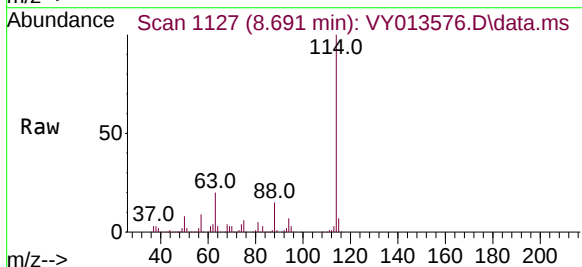
Tgt Ion: 114 Resp: 360671

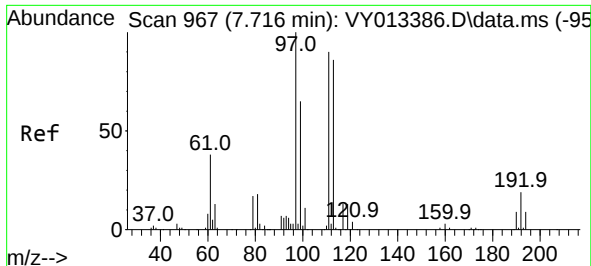
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.6

88 14.7 0.0 28.8

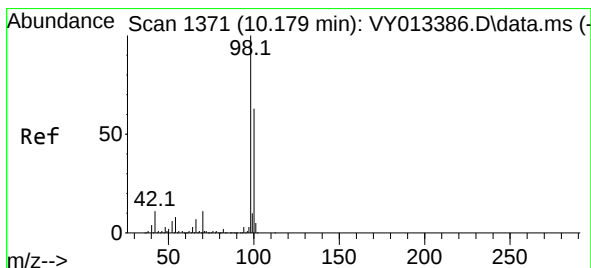
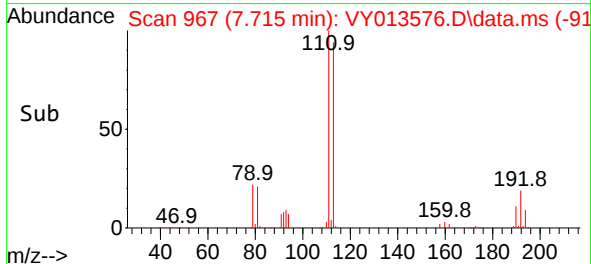
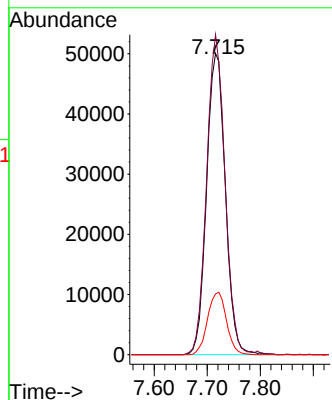
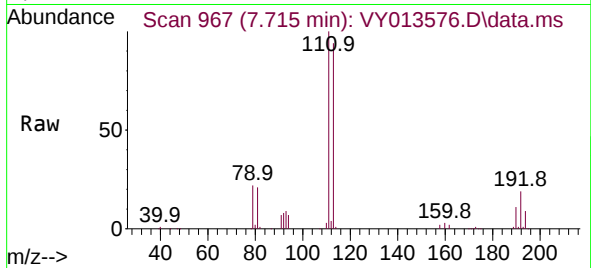




#35
Dibromofluoromethane
Concen: 54.295 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY013576.D
Acq: 03 May 2023 13:03

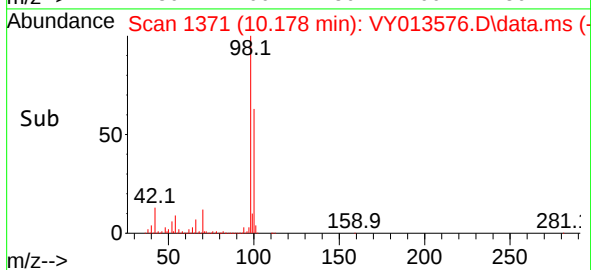
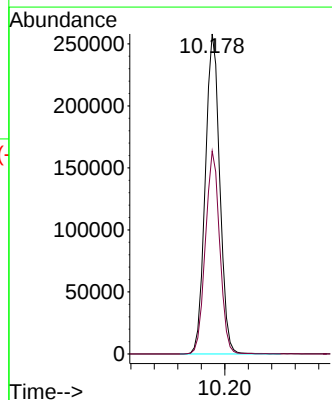
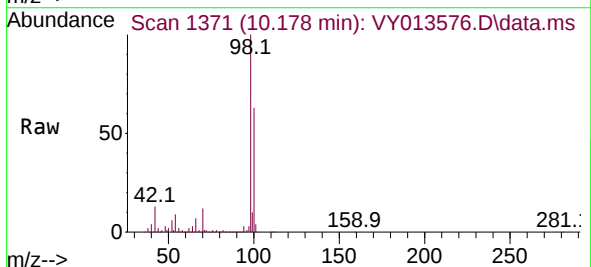
Instrument :
MSVOA_Y
ClientSampleId :
P001-SS013-1218-01

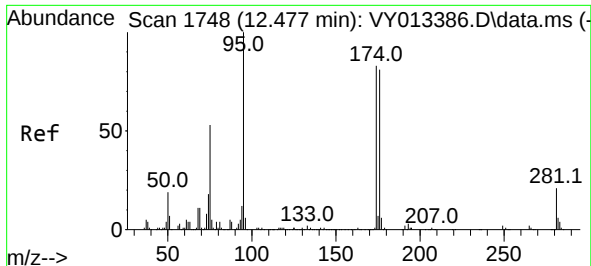
Tgt Ion:113 Resp: 123165
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.2
192 20.8 16.7 25.1



#50
Toluene-d8
Concen: 54.692 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY013576.D
Acq: 03 May 2023 13:03

Tgt Ion: 98 Resp: 441353
Ion Ratio Lower Upper
98 100
100 62.7 50.5 75.7

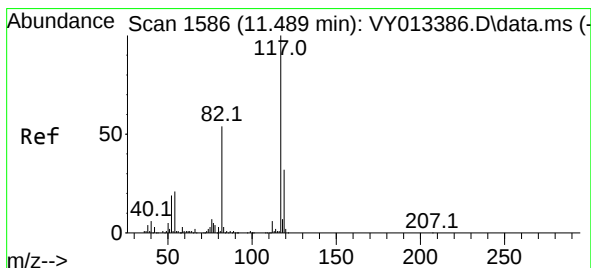
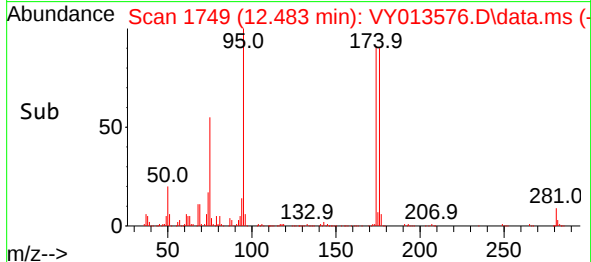
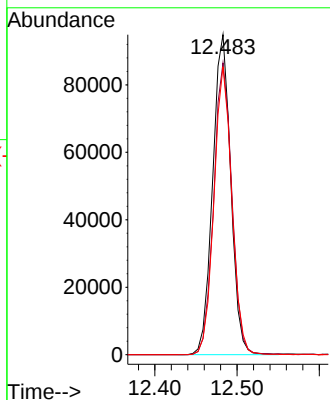
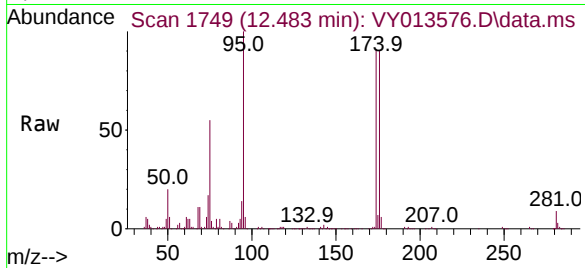




#62
4-Bromofluorobenzene
Concen: 53.272 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013576.D
Acq: 03 May 2023 13:03

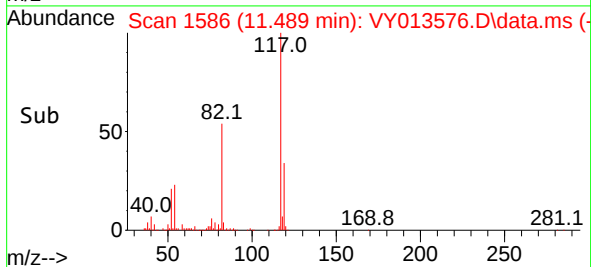
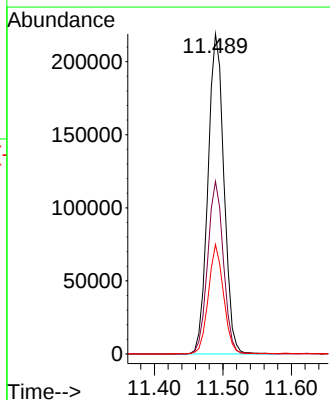
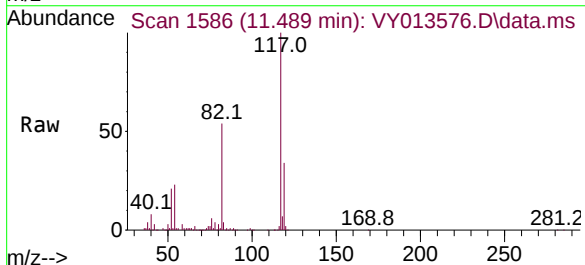
Instrument :
MSVOA_Y
ClientSampleId :
P001-SS013-1218-01

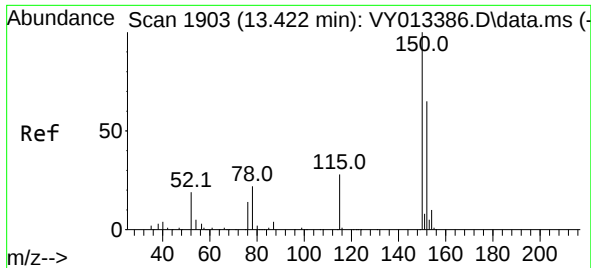
Tgt Ion: 95 Resp: 144929
Ion Ratio Lower Upper
95 100
174 91.8 0.0 182.0
176 89.0 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013576.D
Acq: 03 May 2023 13:03

Tgt Ion: 117 Resp: 355542
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.6
119 34.1 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: VY013576.D

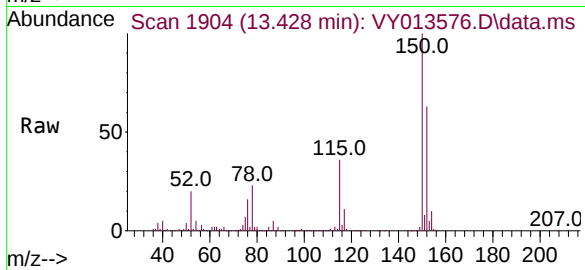
Acq: 03 May 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

P001-SS013-1218-01



Tgt Ion:152 Resp: 165095

Ion Ratio Lower Upper

152 100

115 56.2 28.1 84.2

150 155.8 0.0 352.0

