

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008899.D
 Acq On : 20 May 2022 04:35
 Operator : KP/MD
 Sample : N2868-09
 Misc : 3.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P017-SS005-0006-01

Quant Time: May 20 05:41:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	127880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	228364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	213376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	80341	67.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.440%	
35) Dibromofluoromethane	7.716	113	74593	55.905	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.820%	
50) Toluene-d8	10.179	98	289562	48.898	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.800%	
62) 4-Bromofluorobenzene	12.483	95	84730	40.728	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.460%	

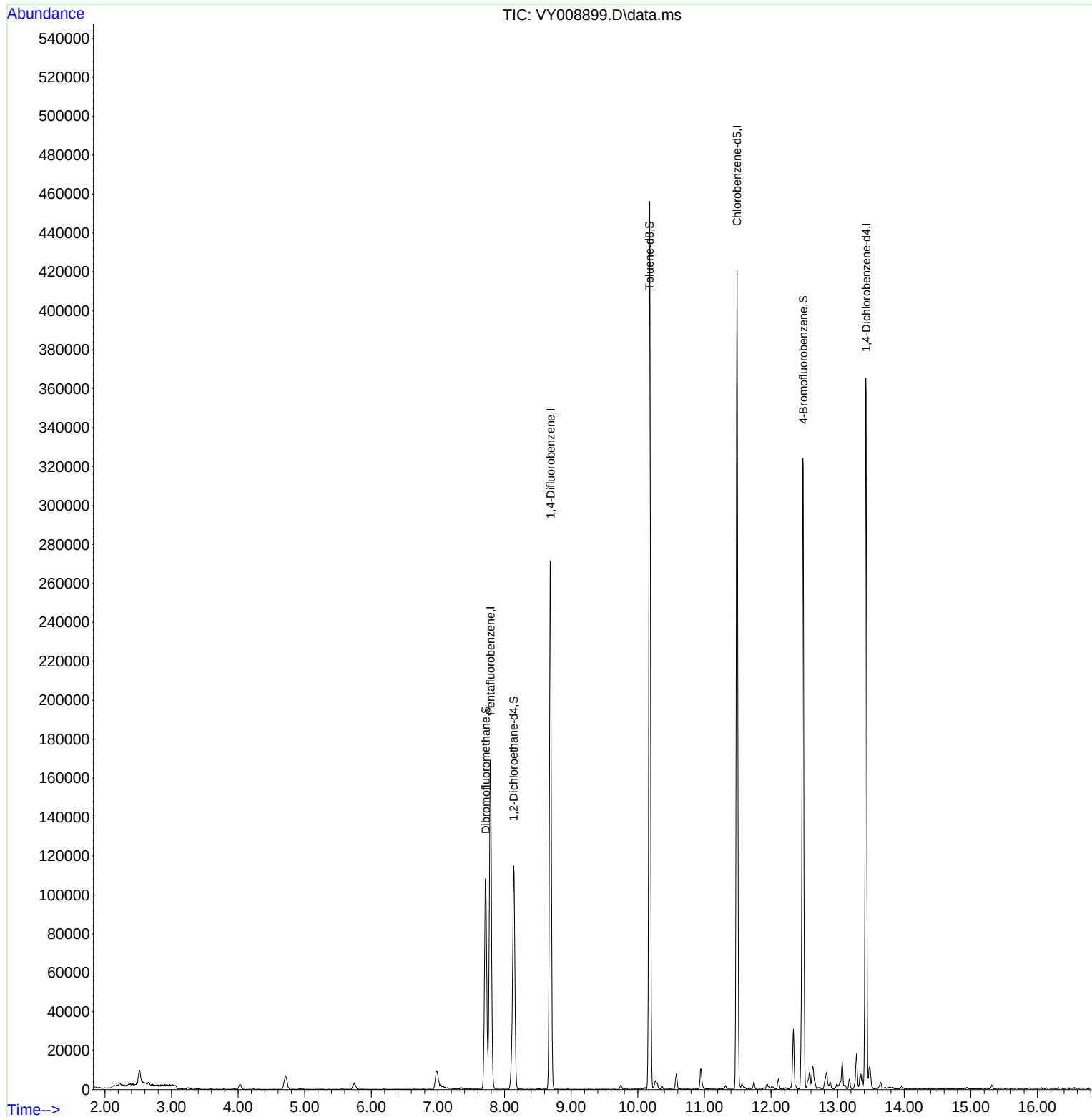
Target Compounds	Qvalue

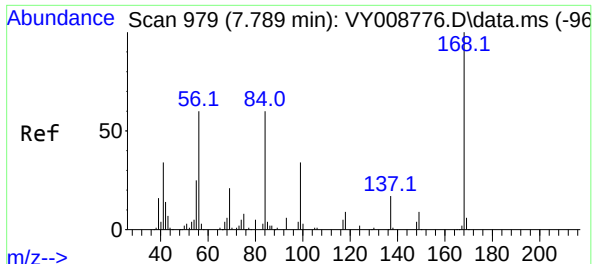
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
Data File : VY008899.D
Acq On : 20 May 2022 04:35
Operator : KP/MD
Sample : N2868-09
Misc : 3.82g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P017-SS005-0006-01

Quant Time: May 20 05:41:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 07:32:50 2022
Response via : Initial Calibration

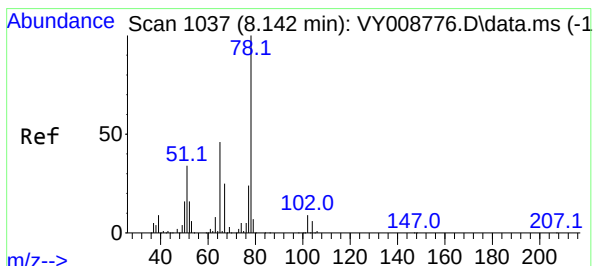
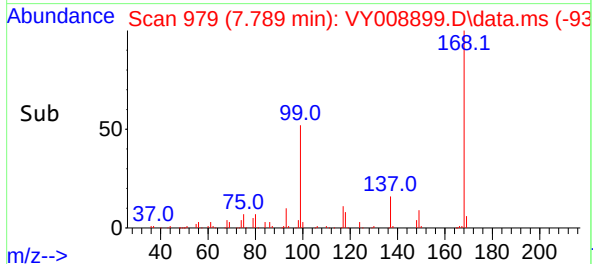
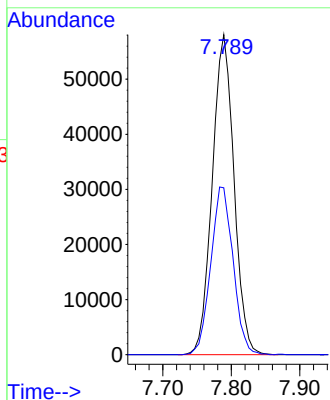
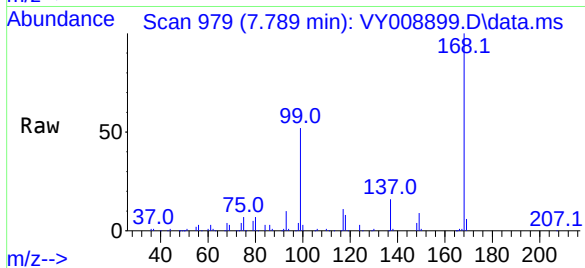




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008899.D
Acq: 20 May 2022 04:35

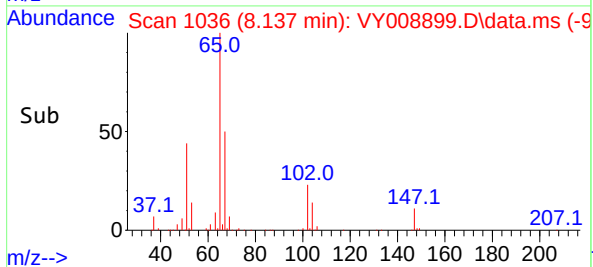
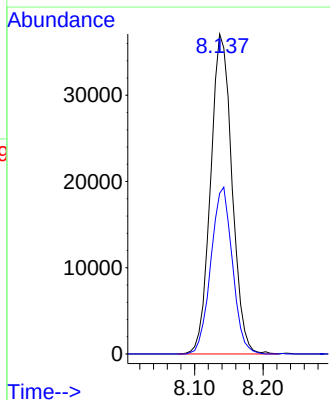
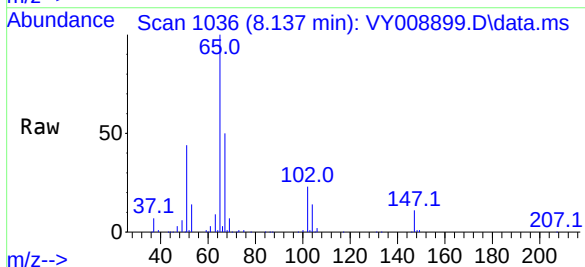
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS005-0006-01

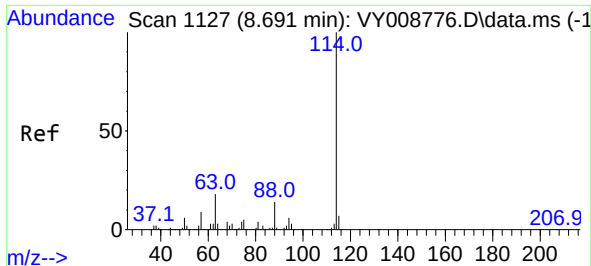
Tgt Ion:168 Resp: 127880
Ion Ratio Lower Upper
168 100
99 52.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.721 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008899.D
Acq: 20 May 2022 04:35

Tgt Ion: 65 Resp: 80341
Ion Ratio Lower Upper
65 100
67 52.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008899.D

Acq: 20 May 2022 04:35

Instrument :

MSVOA_Y

ClientSampleId :

P017-SS005-0006-01

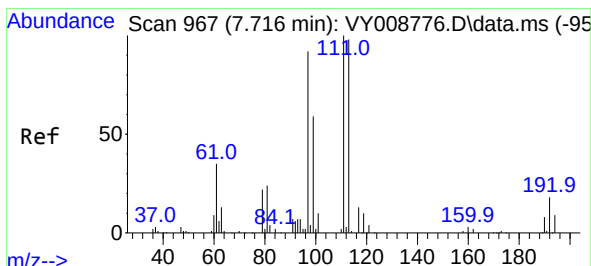
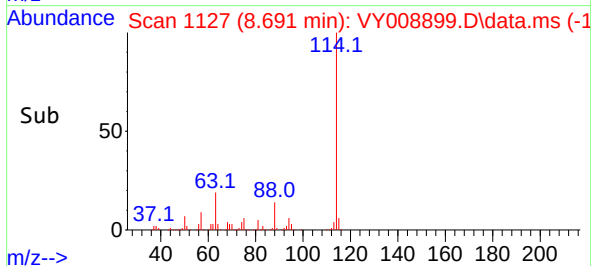
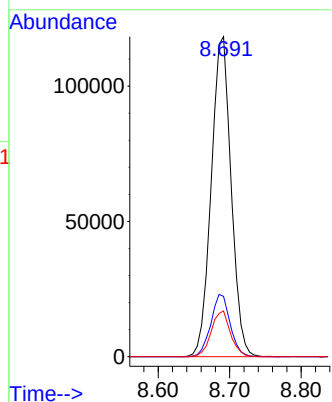
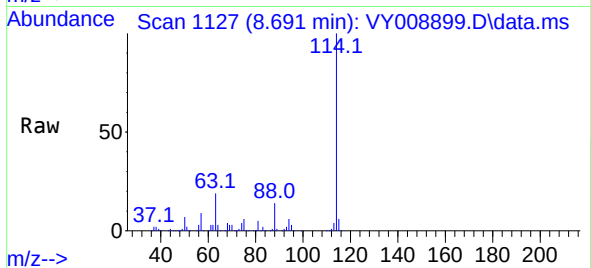
Tgt Ion:114 Resp: 228364

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.905 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008899.D

Acq: 20 May 2022 04:35

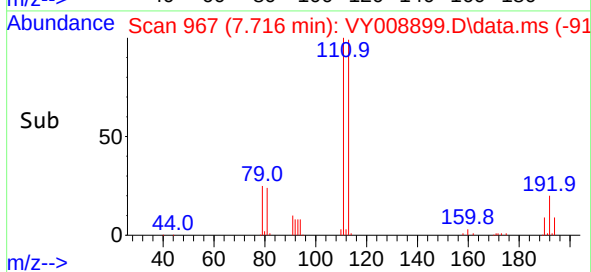
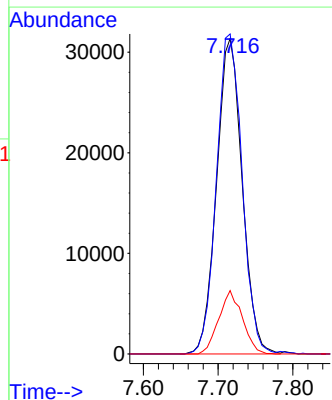
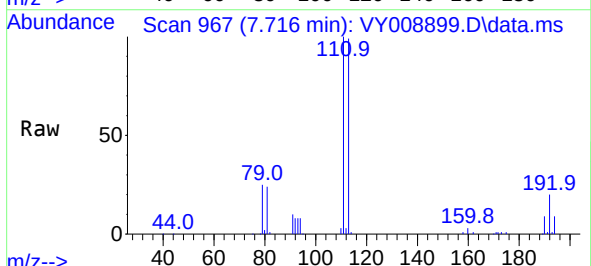
Tgt Ion:113 Resp: 74593

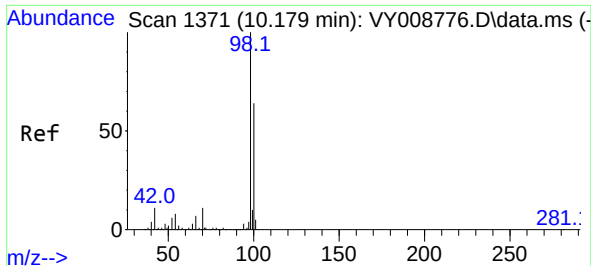
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 18.6 17.6 26.4

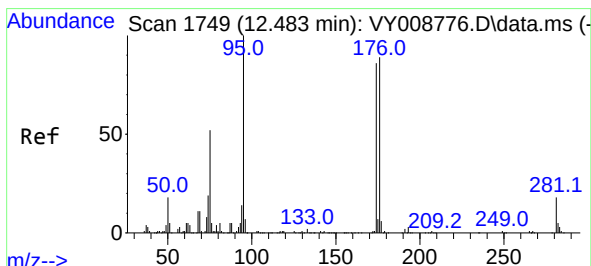
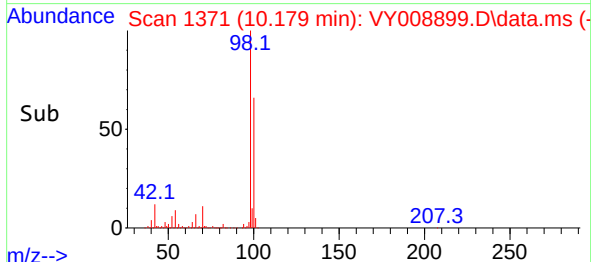
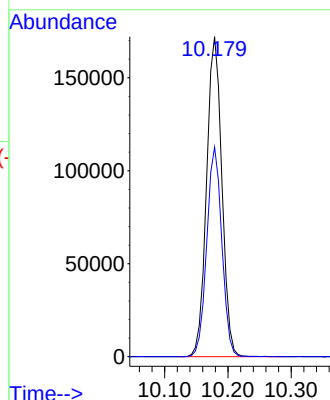
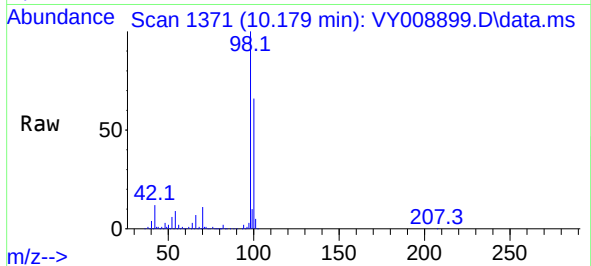




#50
Toluene-d8
Concen: 48.898 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008899.D
Acq: 20 May 2022 04:35

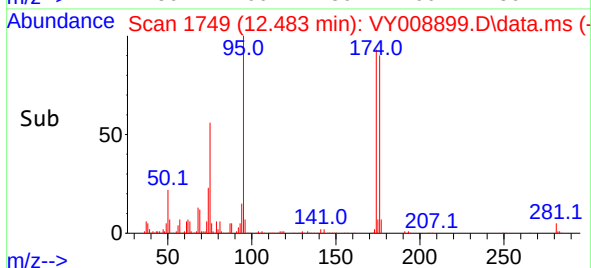
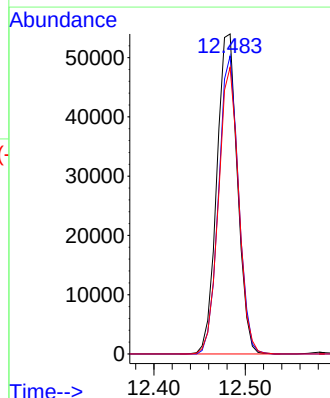
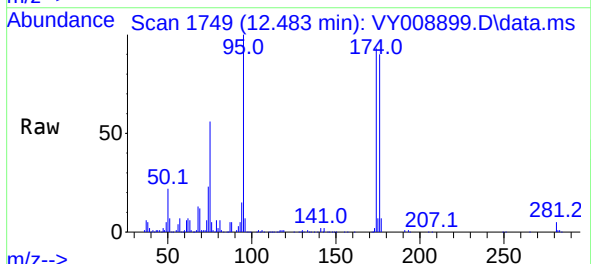
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS005-0006-01

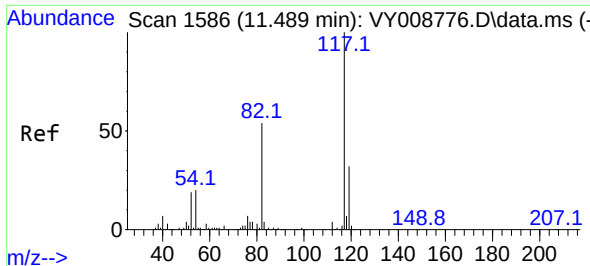
Tgt Ion: 98 Resp: 289562
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.728 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008899.D
Acq: 20 May 2022 04:35

Tgt Ion: 95 Resp: 84730
Ion Ratio Lower Upper
95 100
174 89.6 0.0 177.0
176 87.5 0.0 175.8

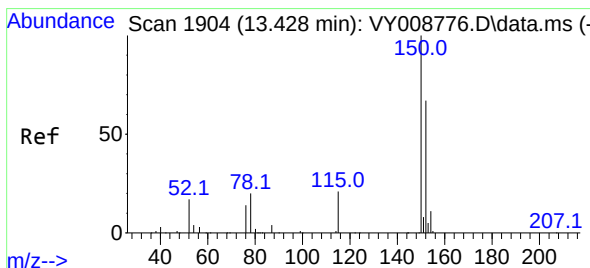
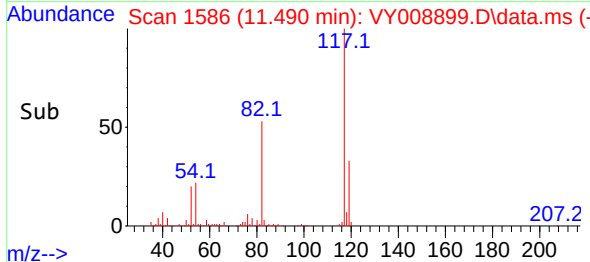
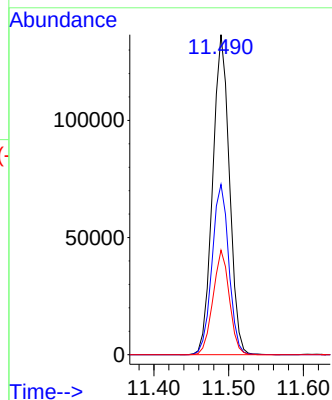
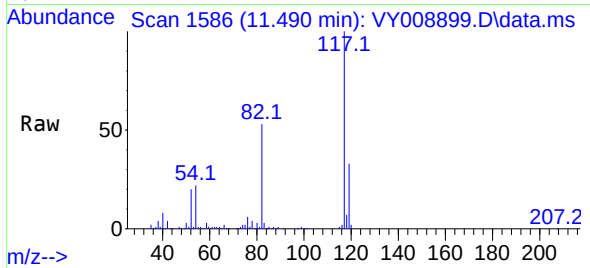




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008899.D
Acq: 20 May 2022 04:35

Instrument :
MSVOA_Y
ClientSampleId :
P017-SS005-0006-01

Tgt Ion:117 Resp: 213376
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008899.D
Acq: 20 May 2022 04:35

Tgt Ion:152 Resp: 88522
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.7
150 158.7 0.0 347.6

