

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015250.D
 Acq On : 22 Aug 2023 17:26
 Operator : SY/MD
 Sample : 04090-07
 Misc : 5.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-L

Quant Time: Aug 23 00:51:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

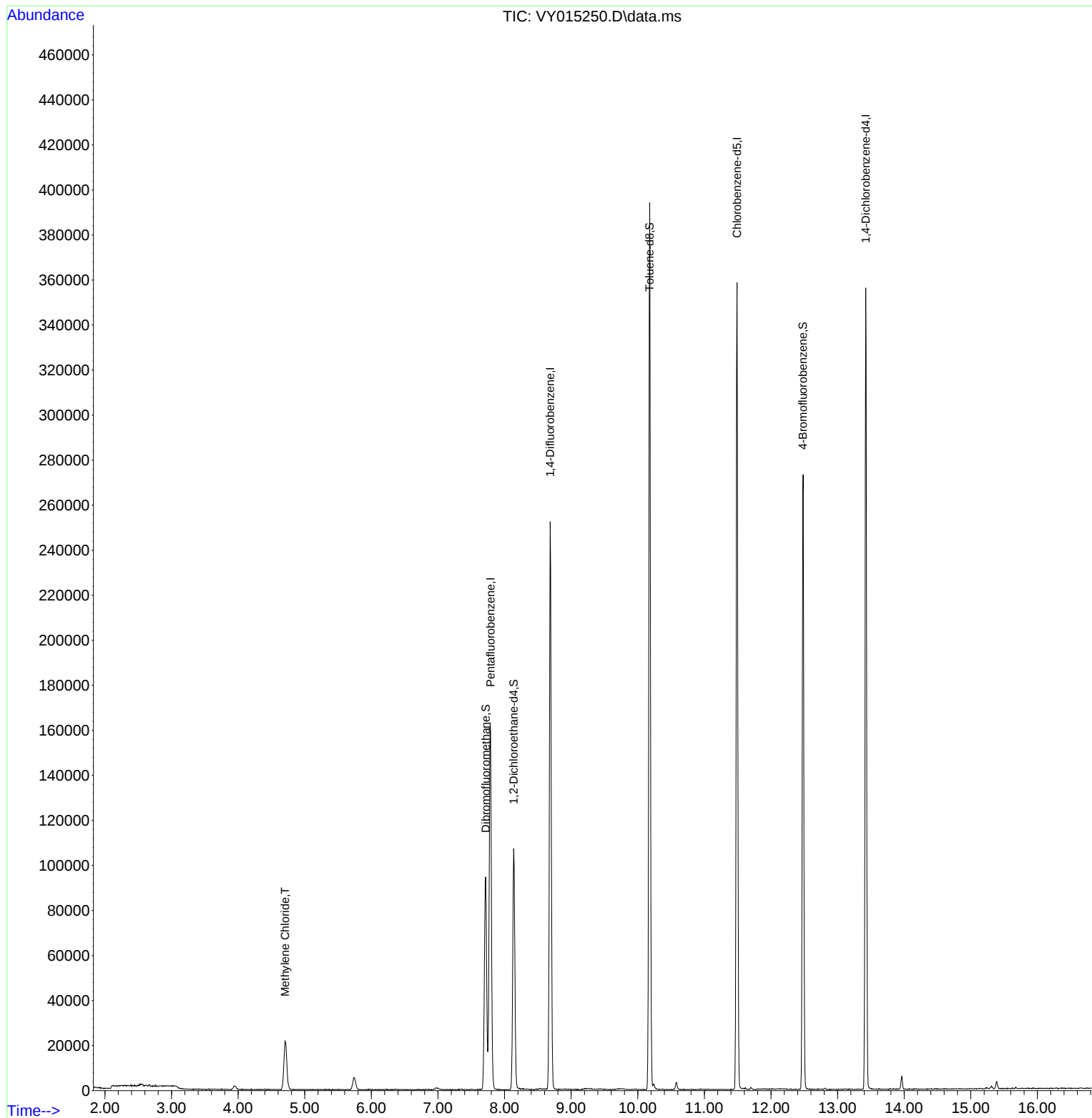
Internal Standards						
1) Pentafluorobenzene	7.789	168	128072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	210524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	191091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	82744	53.821	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.640%
35) Dibromofluoromethane	7.716	113	66105	48.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.620%
50) Toluene-d8	10.179	98	249543	49.495	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.000%
62) 4-Bromofluorobenzene	12.477	95	82355	44.722	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.440%
Target Compounds						
20) Methylene Chloride	4.704	84	16201	9.997	ug/l	Qvalue 92

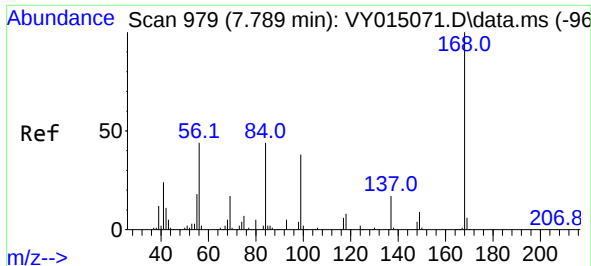
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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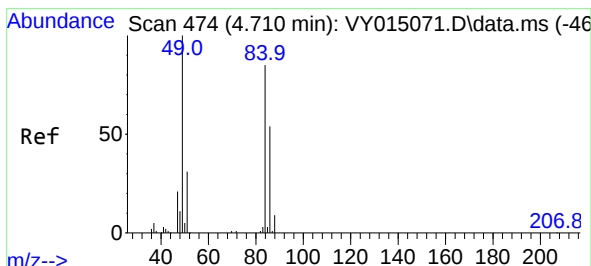
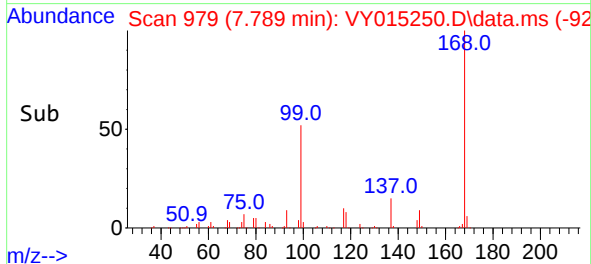
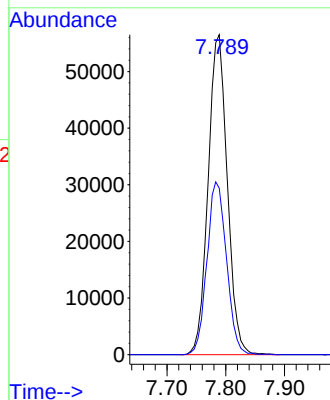
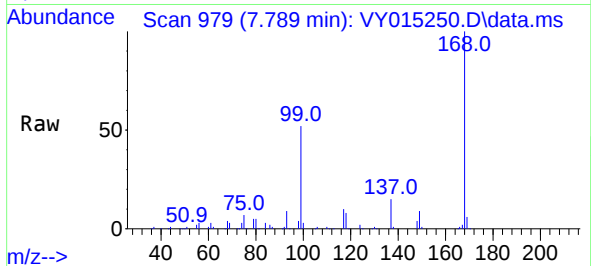




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015250.D
Acq: 22 Aug 2023 17:26

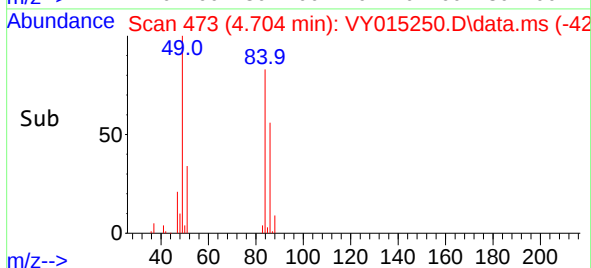
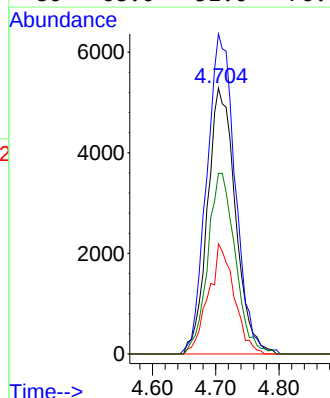
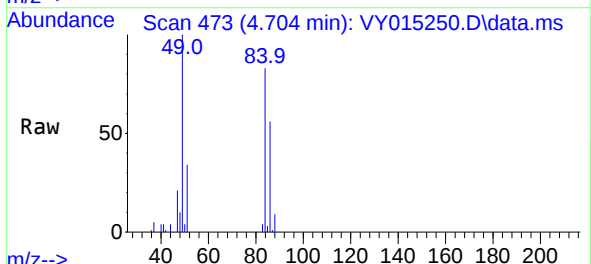
Instrument :
MSVOA_Y
ClientSampleId :
TP-L

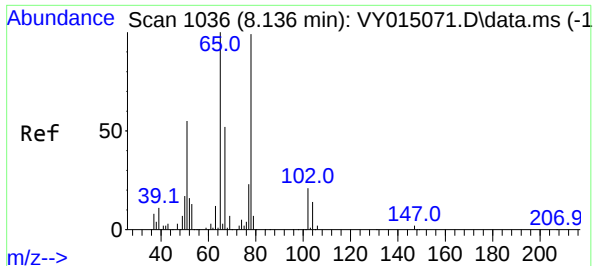
Tgt Ion:168 Resp: 128072
Ion Ratio Lower Upper
168 100
99 52.1 43.4 65.0



#20
Methylene Chloride
Concen: 9.997 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015250.D
Acq: 22 Aug 2023 17:26

Tgt Ion: 84 Resp: 16201
Ion Ratio Lower Upper
84 100
49 120.4 106.9 160.3
51 41.4 33.2 49.8
86 68.0 51.0 76.6

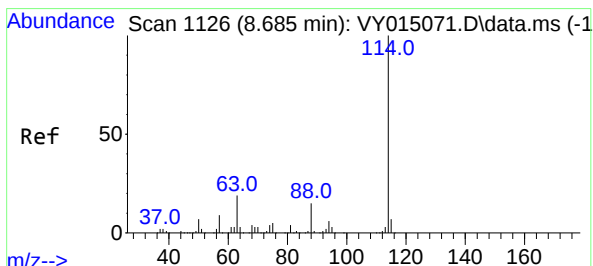
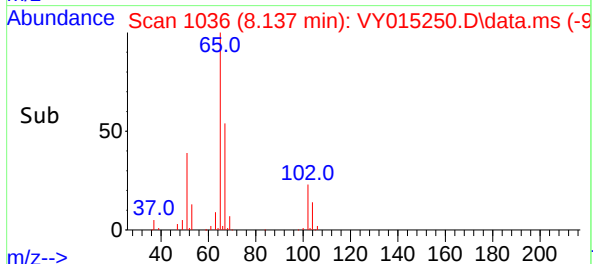
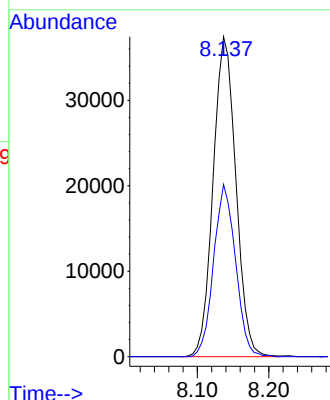
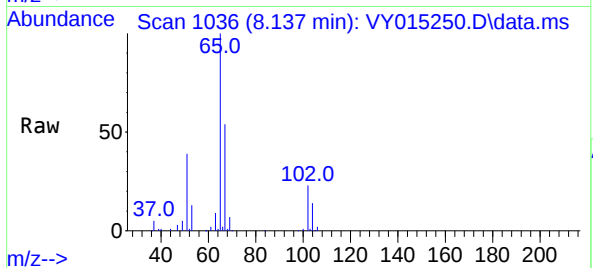




#33
1,2-Dichloroethane-d4
Concen: 53.821 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015250.D
Acq: 22 Aug 2023 17:26

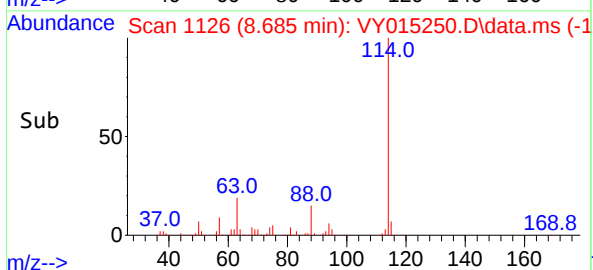
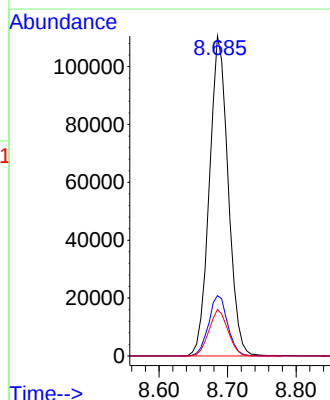
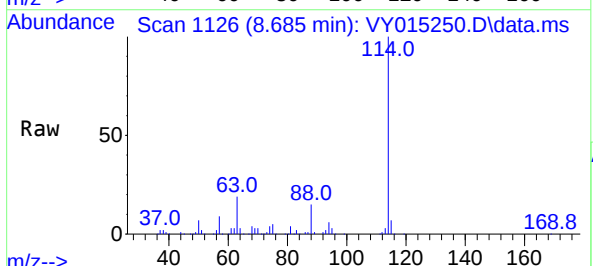
Instrument :
MSVOA_Y
ClientSampleId :
TP-L

Tgt Ion: 65 Resp: 82744
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015250.D
Acq: 22 Aug 2023 17:26

Tgt Ion: 114 Resp: 210524
Ion Ratio Lower Upper
114 100
63 18.9 0.0 42.4
88 14.6 0.0 30.6

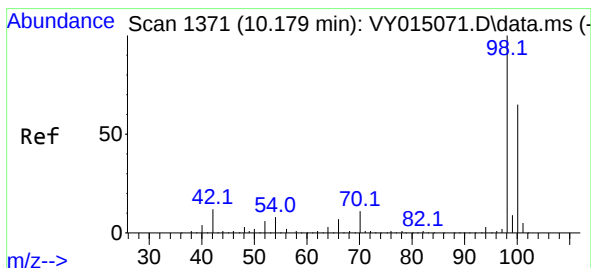
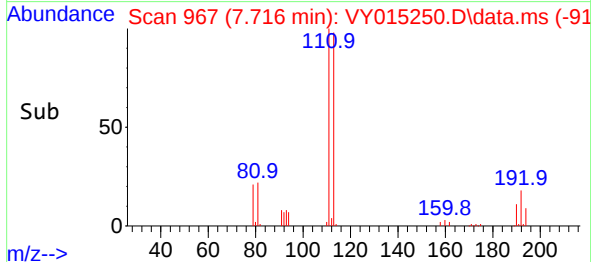
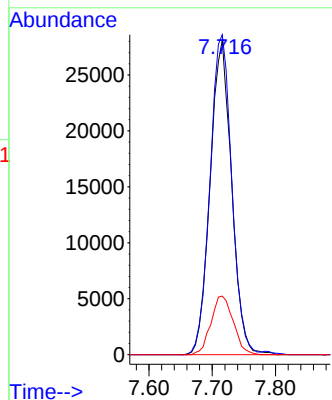
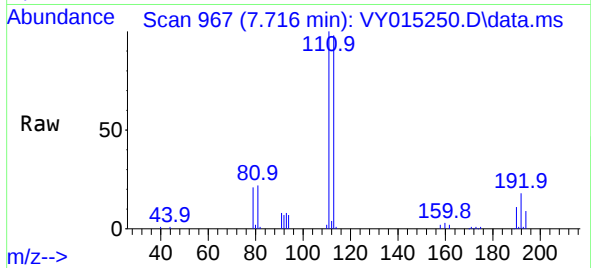




#35
Dibromofluoromethane
Concen: 48.809 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015250.D
Acq: 22 Aug 2023 17:26

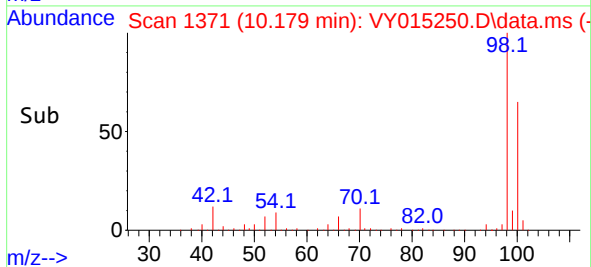
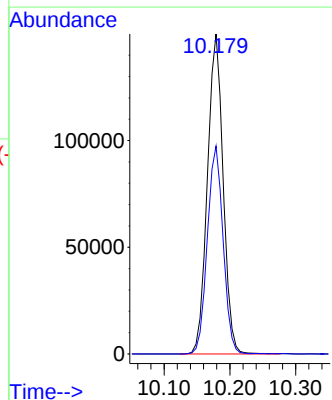
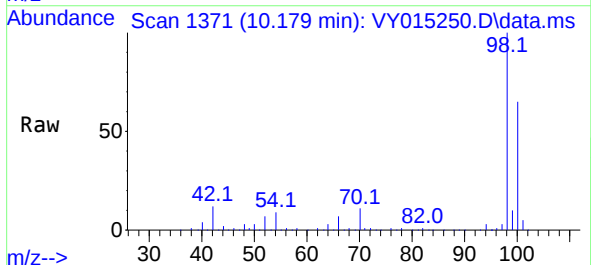
Instrument :
MSVOA_Y
ClientSampleId :
TP-L

Tgt Ion:113 Resp: 66105
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.4 16.9 25.3



#50
Toluene-d8
Concen: 49.495 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015250.D
Acq: 22 Aug 2023 17:26

Tgt Ion: 98 Resp: 249543
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

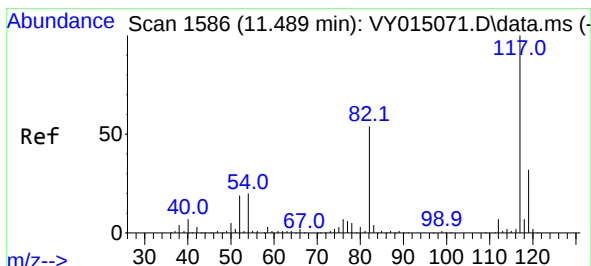
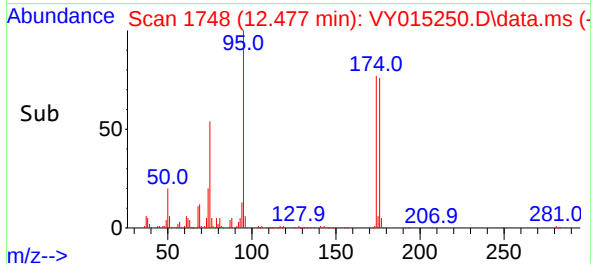
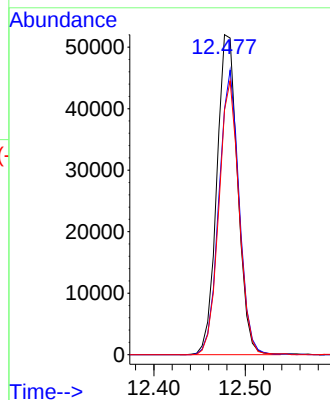
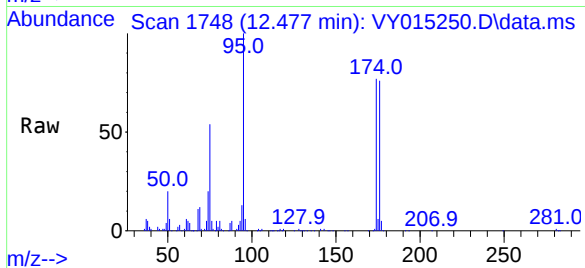




#62
4-Bromofluorobenzene
Concen: 44.722 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015250.D
Acq: 22 Aug 2023 17:26

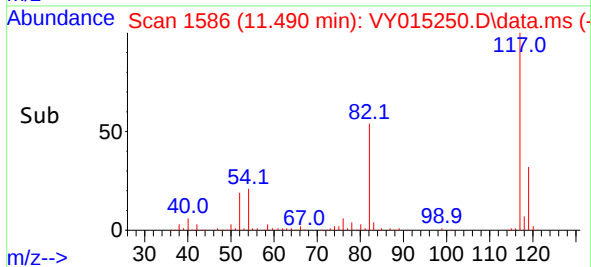
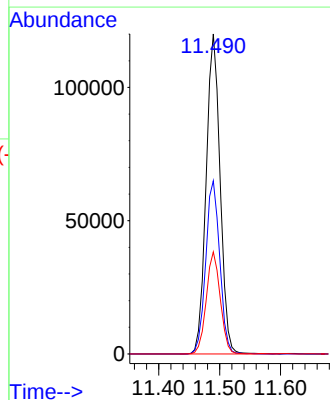
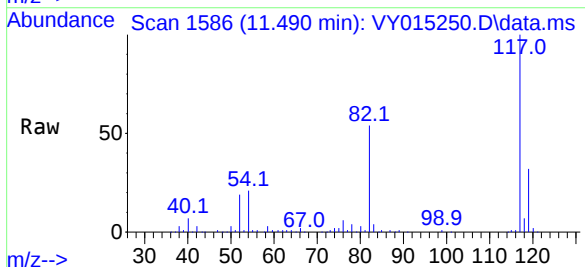
Instrument :
MSVOA_Y
ClientSampleId :
TP-L

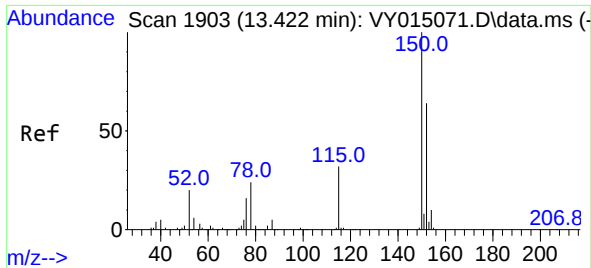
Tgt Ion: 95 Resp: 82355
Ion Ratio Lower Upper
95 100
174 86.3 0.0 178.2
176 82.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015250.D
Acq: 22 Aug 2023 17:26

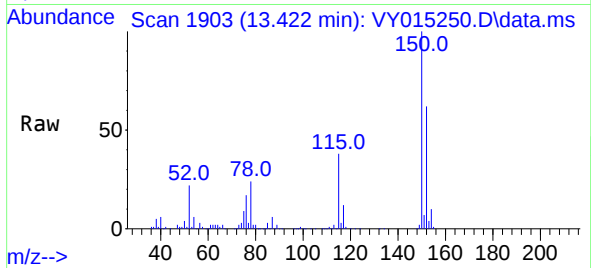
Tgt Ion: 117 Resp: 191091
Ion Ratio Lower Upper
117 100
82 54.1 43.4 65.0
119 31.9 26.3 39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015250.D
Acq: 22 Aug 2023 17:26

Instrument :
MSVOA_Y
ClientSampleId :
TP-L



Tgt Ion:152 Resp: 90943
Ion Ratio Lower Upper
152 100
115 58.4 28.8 86.5
150 156.0 0.0 348.8

