

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014848.D
 Acq On : 26 Jul 2023 14:42
 Operator : SY/MD
 Sample : 03717-04
 Misc : 5.91g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Jul 26 14:55:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

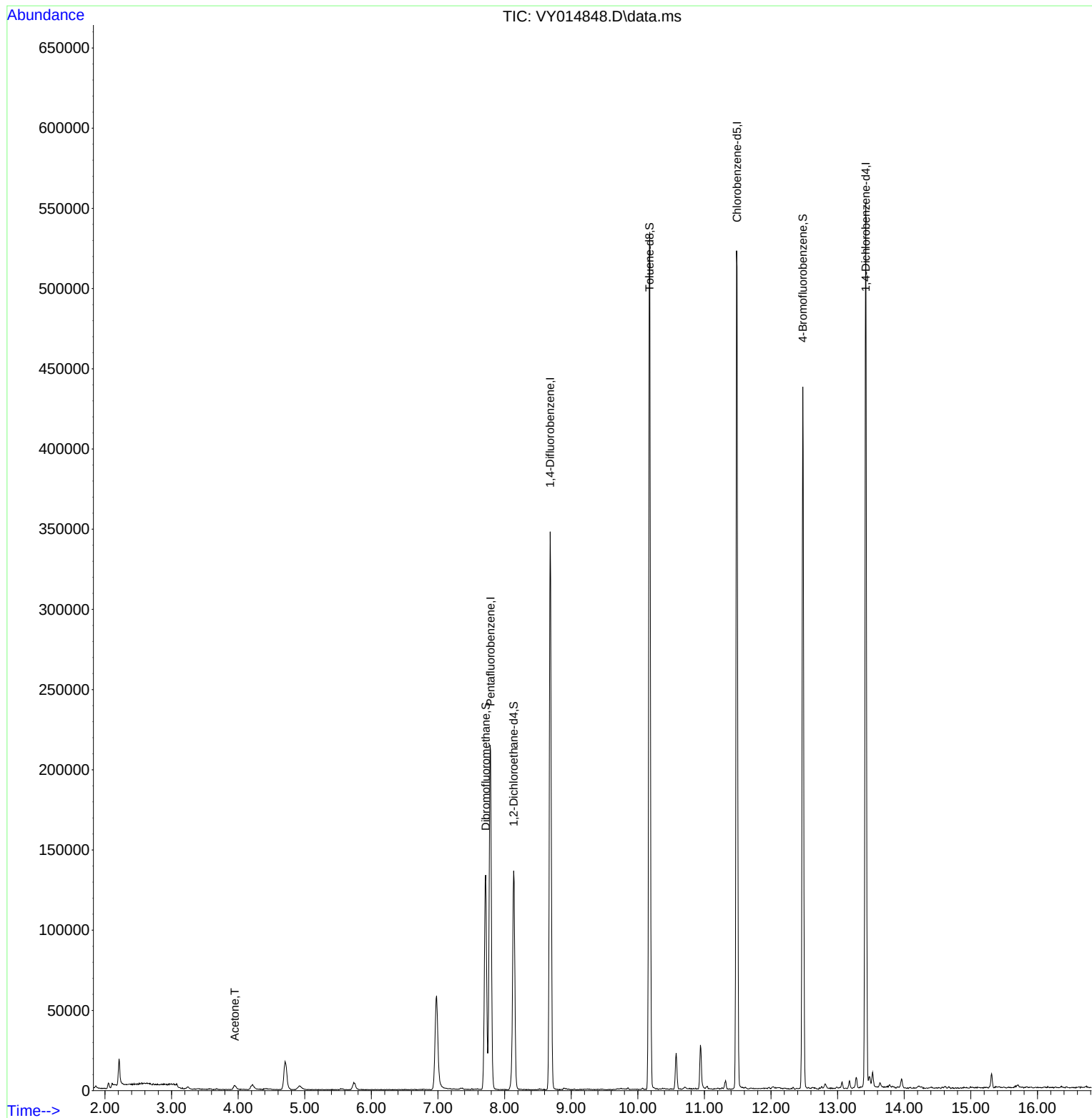
Internal Standards						
1) Pentafluorobenzene	7.789	168	169155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	300925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	287225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	136481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	105036	54.491	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.980%
35) Dibromofluoromethane	7.715	113	95257	49.727	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.460%
50) Toluene-d8	10.178	98	359349	50.882	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.760%
62) 4-Bromofluorobenzene	12.477	95	131003	48.376	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.760%
Target Compounds						Qvalue
16) Acetone	3.948	43	4792	7.845	ug/l	99

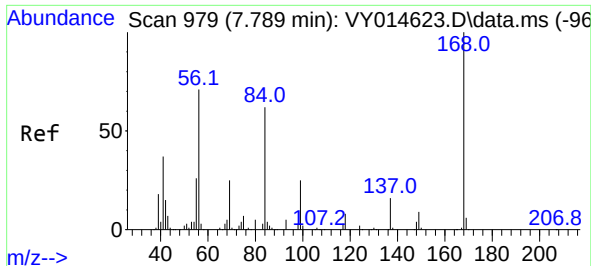
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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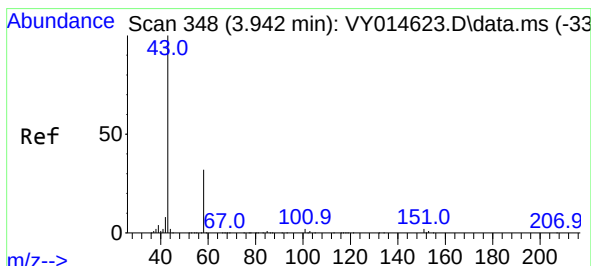
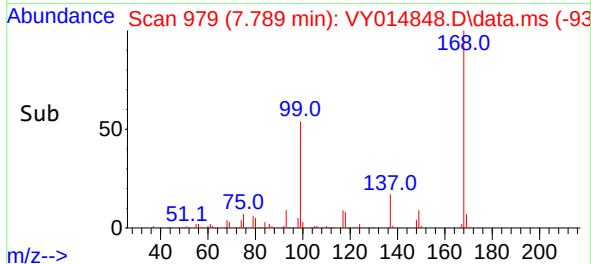
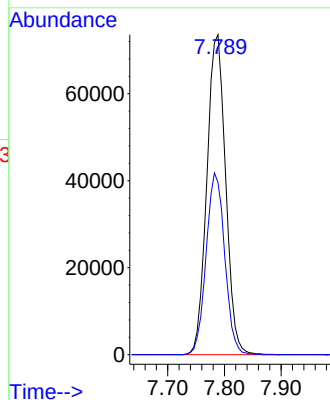
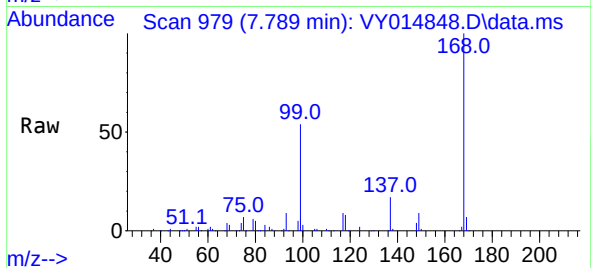




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014848.D
Acq: 26 Jul 2023 14:42

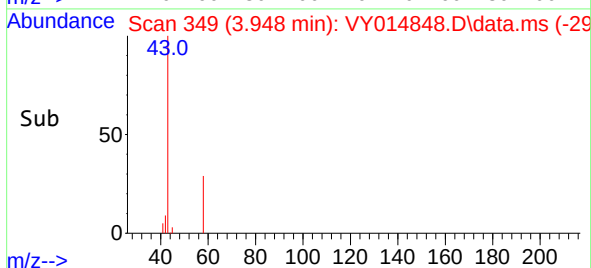
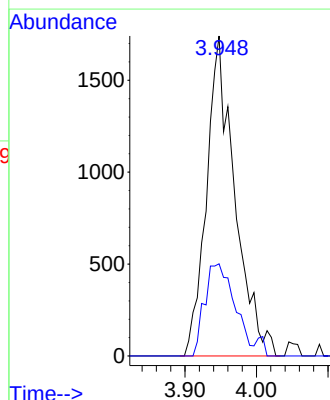
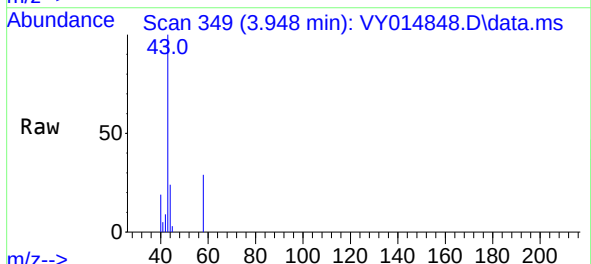
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

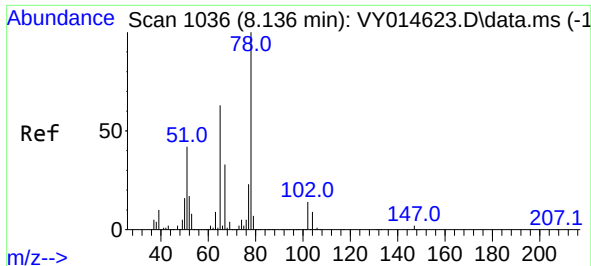
Tgt Ion:168 Resp: 169155
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#16
Acetone
Concen: 7.845 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014848.D
Acq: 26 Jul 2023 14:42

Tgt Ion: 43 Resp: 4792
Ion Ratio Lower Upper
43 100
58 28.8 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 54.491 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014848.D

Acq: 26 Jul 2023 14:42

Instrument :

MSVOA_Y

ClientSampleId :

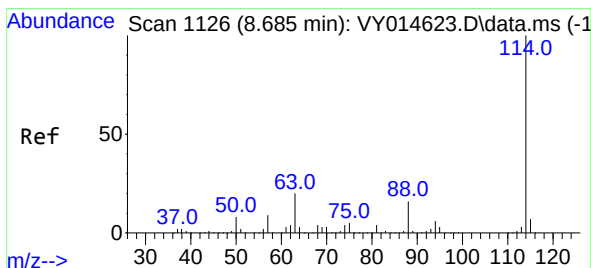
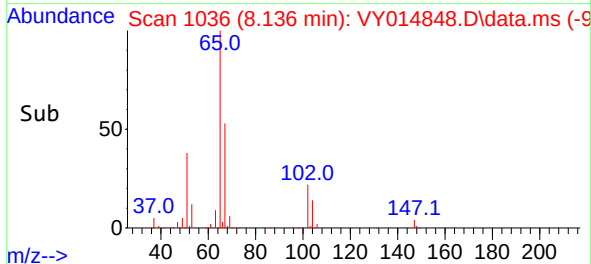
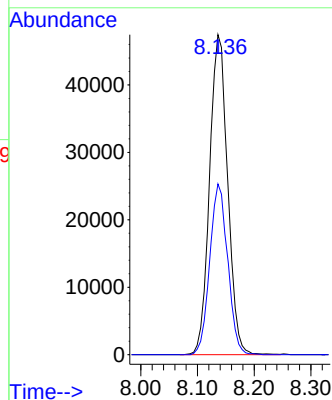
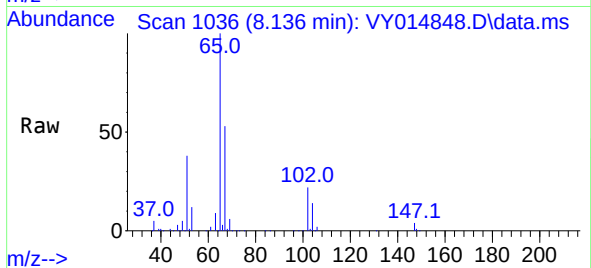
TP-2

Tgt Ion: 65 Resp: 105036

Ion Ratio Lower Upper

65 100

67 52.9 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: VY014848.D

Acq: 26 Jul 2023 14:42

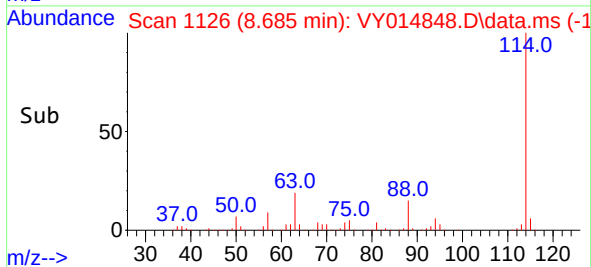
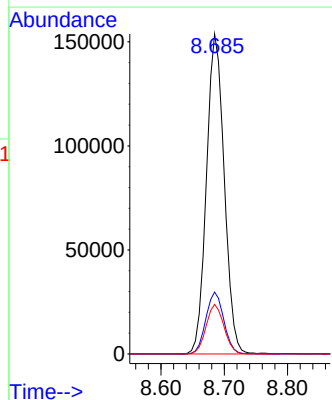
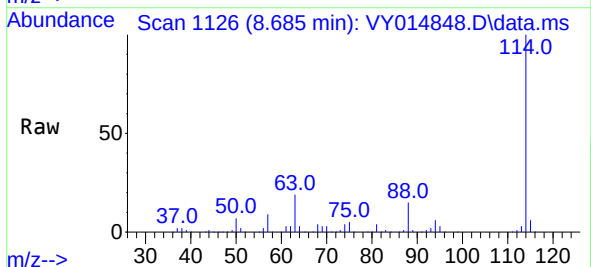
Tgt Ion: 114 Resp: 300925

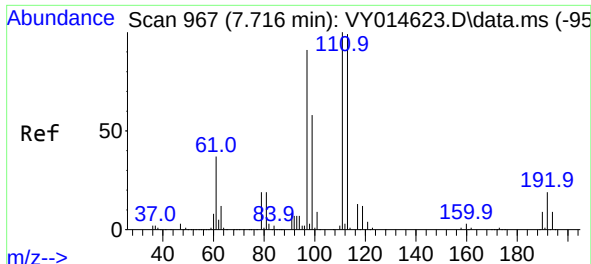
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.5 0.0 30.6

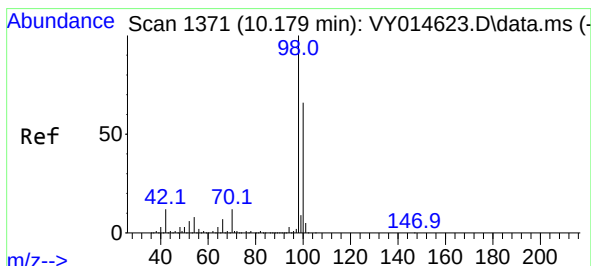
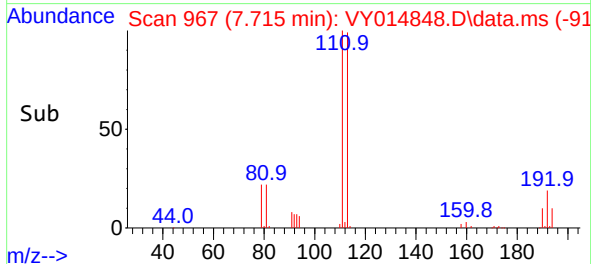
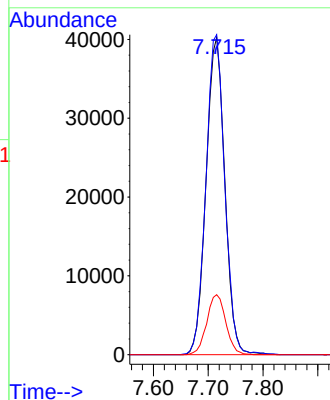
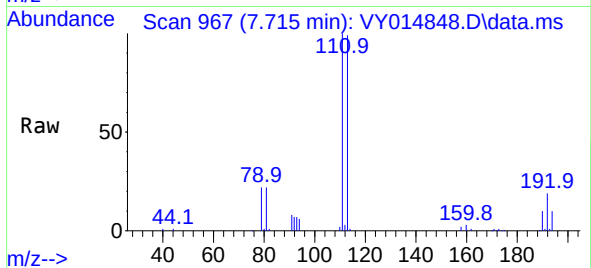




#35
Dibromofluoromethane
Concen: 49.727 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY014848.D
Acq: 26 Jul 2023 14:42

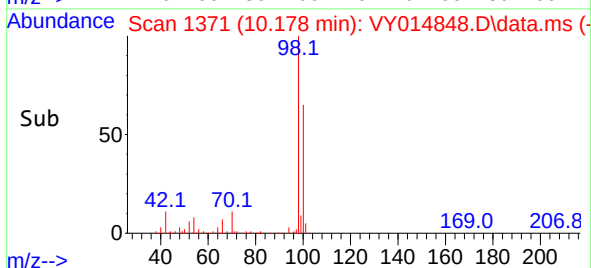
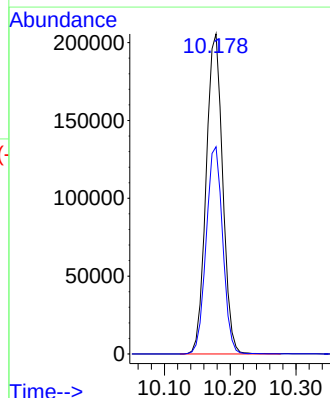
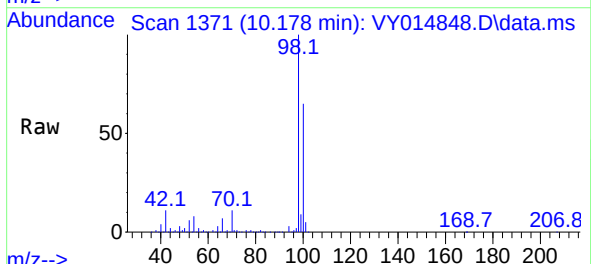
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

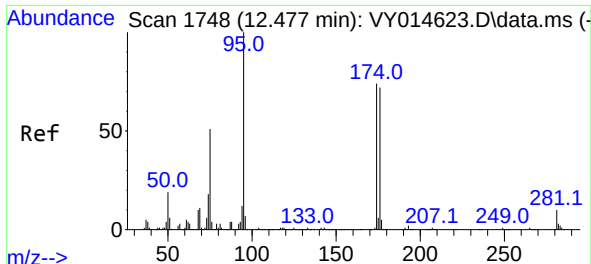
Tgt Ion:113 Resp: 95257
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 50.882 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY014848.D
Acq: 26 Jul 2023 14:42

Tgt Ion: 98 Resp: 359349
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

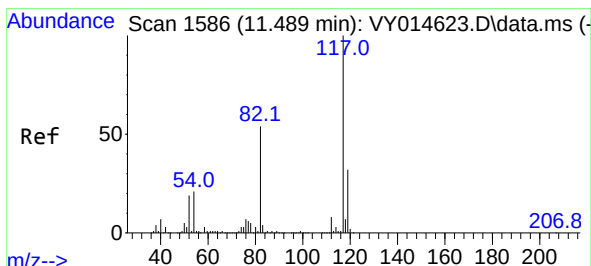
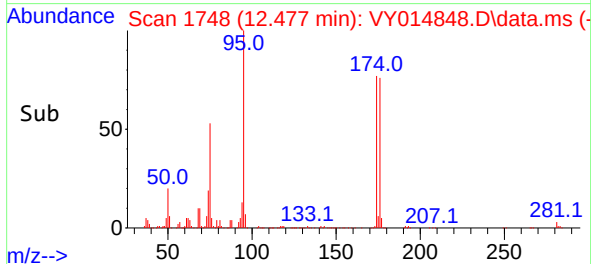
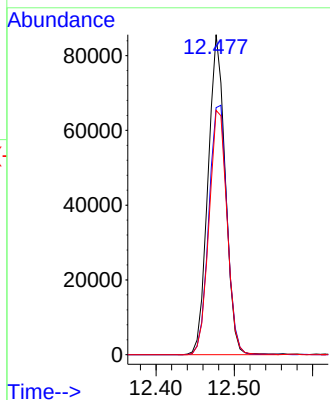
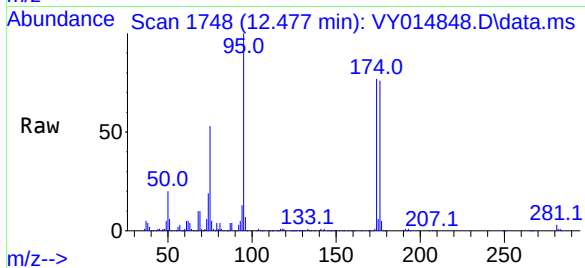




#62
4-Bromofluorobenzene
Concen: 48.376 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014848.D
Acq: 26 Jul 2023 14:42

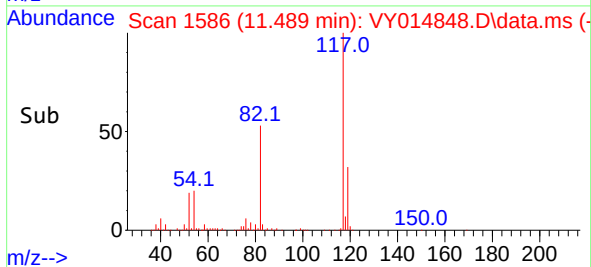
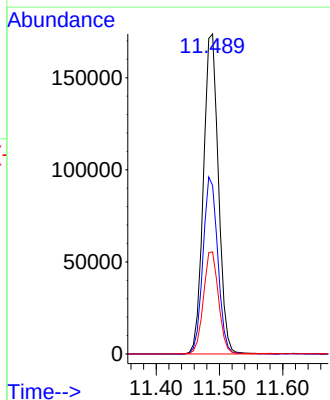
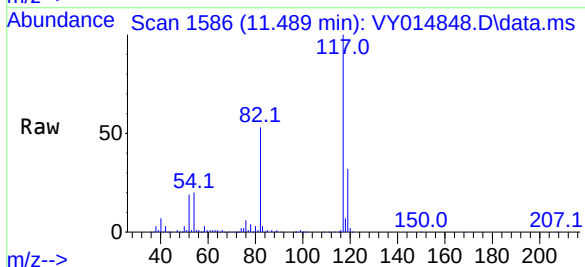
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

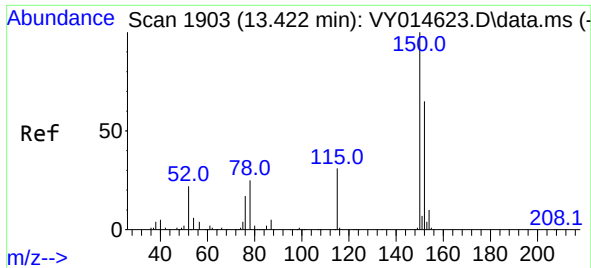
Tgt Ion: 95 Resp: 131003
Ion Ratio Lower Upper
95 100
174 82.7 0.0 178.2
176 79.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014848.D
Acq: 26 Jul 2023 14:42

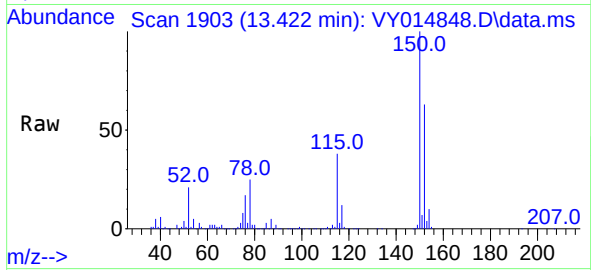
Tgt Ion: 117 Resp: 287225
Ion Ratio Lower Upper
117 100
82 52.6 43.4 65.0
119 31.8 26.3 39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY014848.D
Acq: 26 Jul 2023 14:42

Instrument :
MSVOA_Y
ClientSampleId :
TP-2



Tgt Ion:152 Resp: 136481
Ion Ratio Lower Upper
152 100
115 59.4 28.8 86.5
150 158.5 0.0 348.8

