

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042424\
 Data File : VY018038.D
 Acq On : 24 Apr 2024 15:52
 Operator : SY/MD
 Sample : P2247-04
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-03-04232024

Quant Time: Apr 25 01:35:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

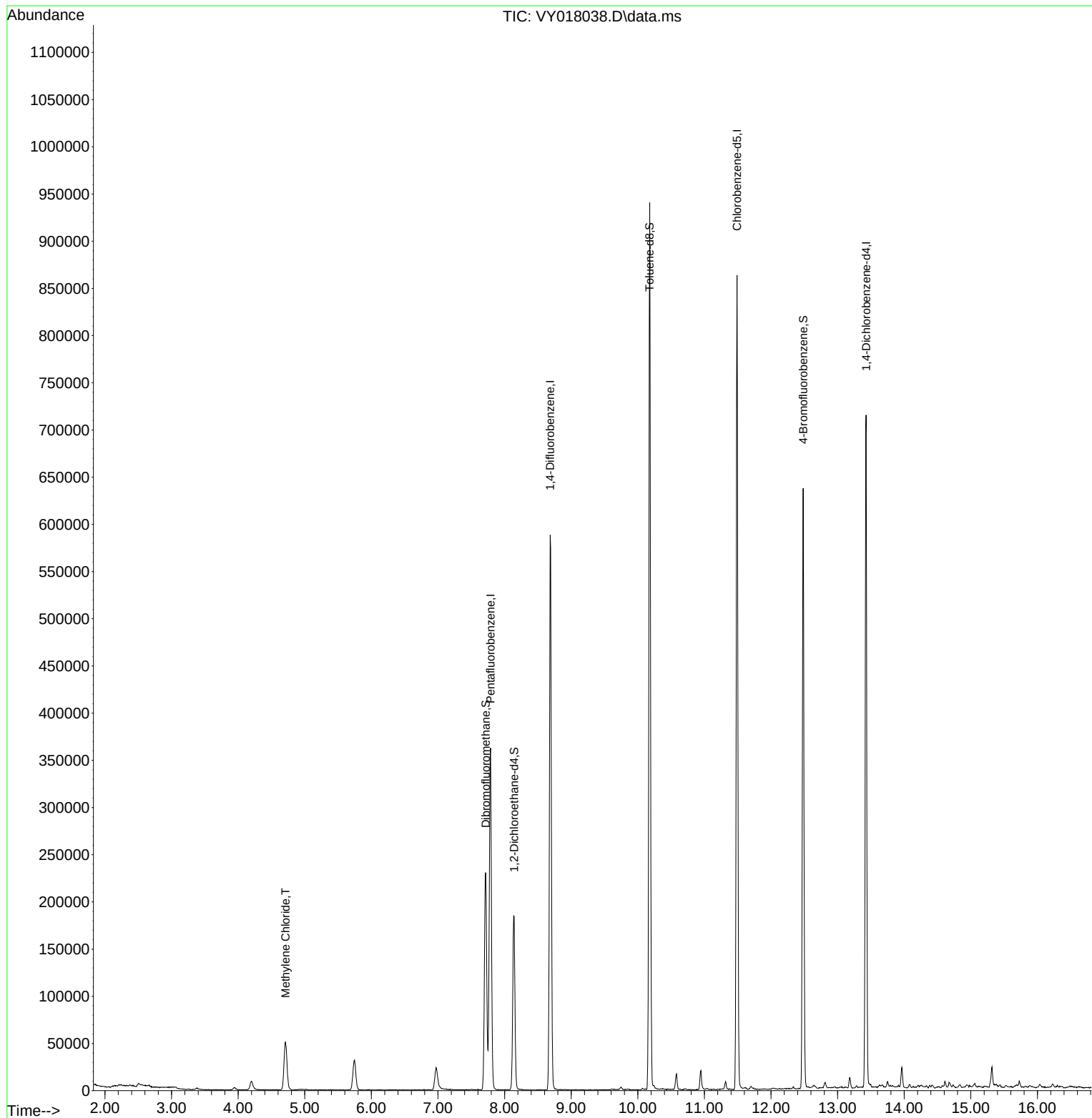
Internal Standards						
1) Pentafluorobenzene	7.789	168	308717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	537269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	500078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	198877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	141570	52.992	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.980%	
35) Dibromofluoromethane	7.716	113	171574	51.763	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.520%	
50) Toluene-d8	10.179	98	634455	50.444	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.880%	
62) 4-Bromofluorobenzene	12.483	95	184066	47.254	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.500%	
Target Compounds						
20) Methylene Chloride	4.710	84	43374	12.128	ug/l	Qvalue 97

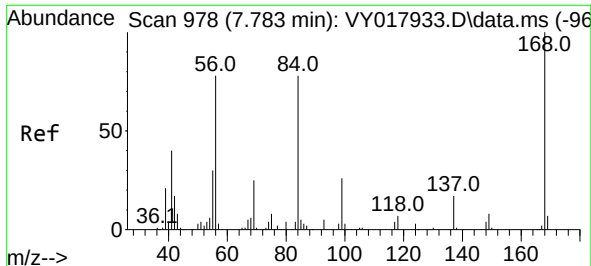
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042424\
Data File : VY018038.D
Acq On : 24 Apr 2024 15:52
Operator : SY/MD
Sample : P2247-04
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PL-03-04232024

Quant Time: Apr 25 01:35:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
Response via : Initial Calibration

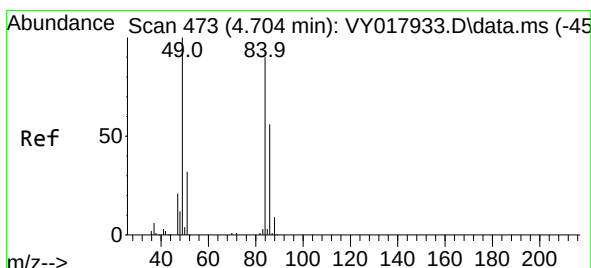
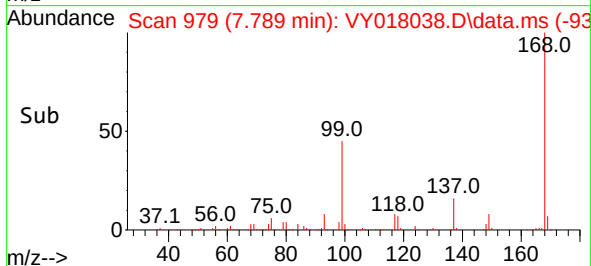
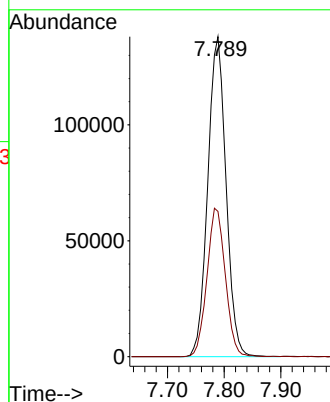
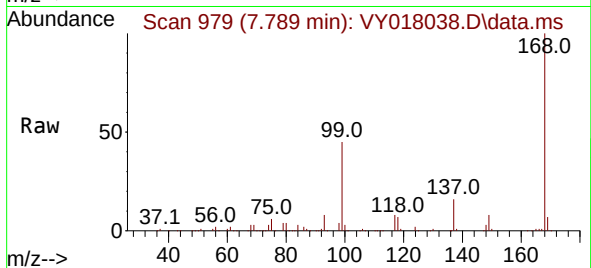




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018038.D
Acq: 24 Apr 2024 15:52

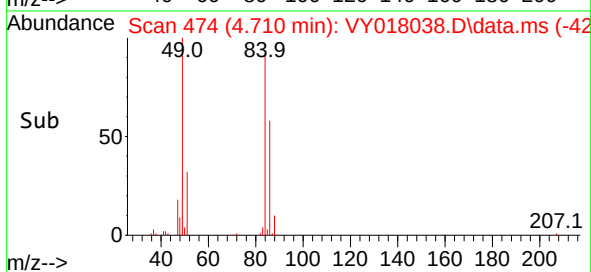
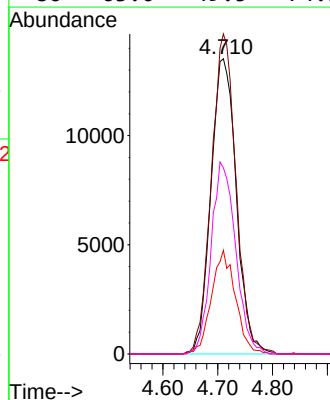
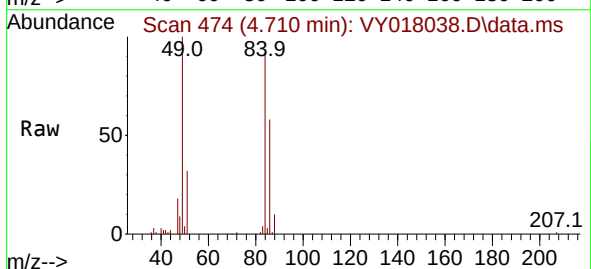
Instrument :
MSVOA_Y
ClientSampleId :
PL-03-04232024

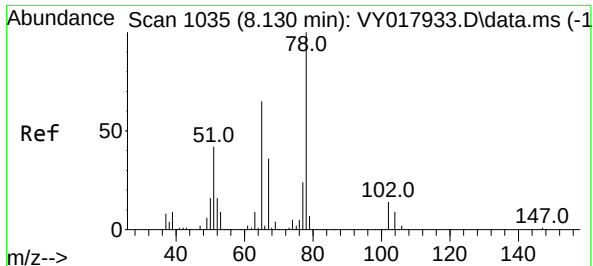
Tgt Ion:168 Resp: 308717
Ion Ratio Lower Upper
168 100
99 45.4 39.1 58.7



#20
Methylene Chloride
Concen: 12.128 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY018038.D
Acq: 24 Apr 2024 15:52

Tgt Ion: 84 Resp: 43374
Ion Ratio Lower Upper
84 100
49 108.4 84.4 126.6
51 35.1 26.0 39.0
86 63.0 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 52.992 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018038.D

Acq: 24 Apr 2024 15:52

Instrument :

MSVOA_Y

ClientSampleId :

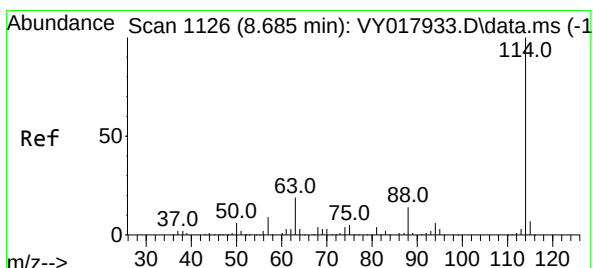
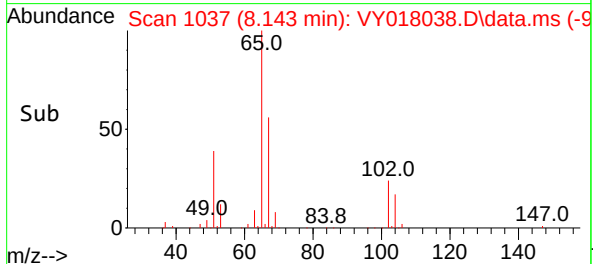
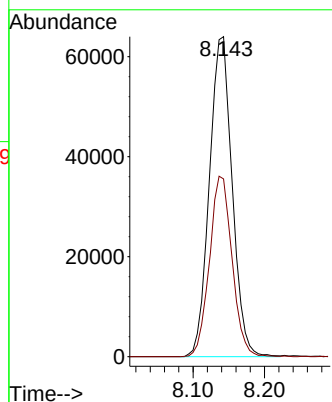
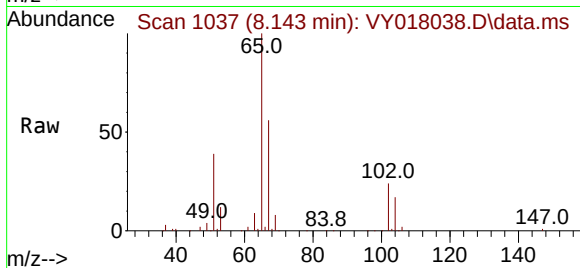
PL-03-04232024

Tgt Ion: 65 Resp: 141570

Ion Ratio Lower Upper

65 100

67 56.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY018038.D

Acq: 24 Apr 2024 15:52

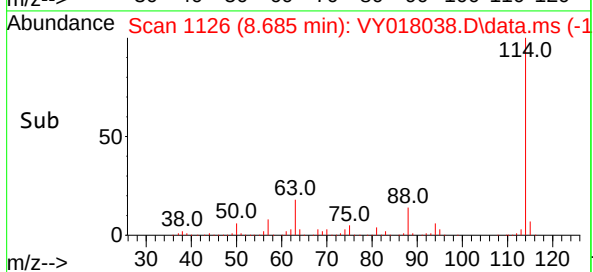
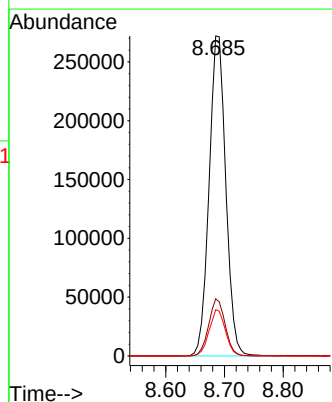
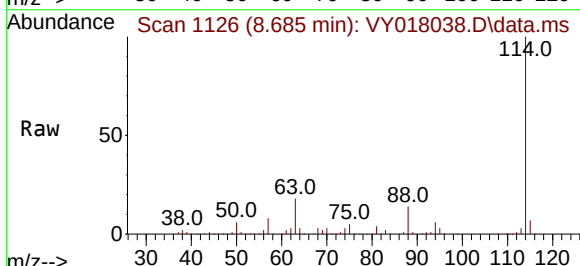
Tgt Ion: 114 Resp: 537269

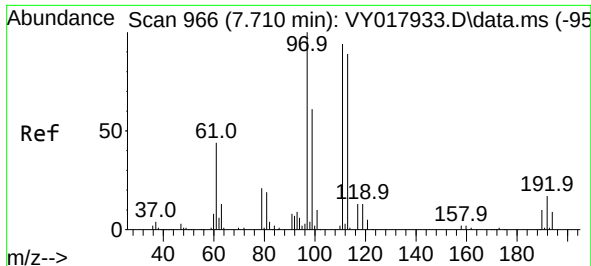
Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

88 14.5 0.0 27.2

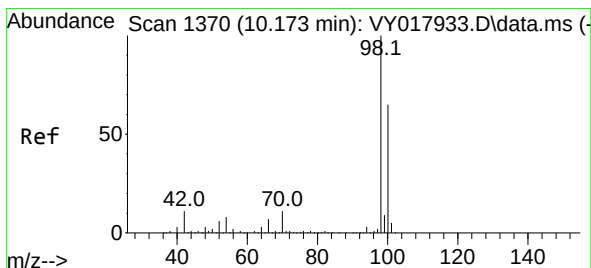
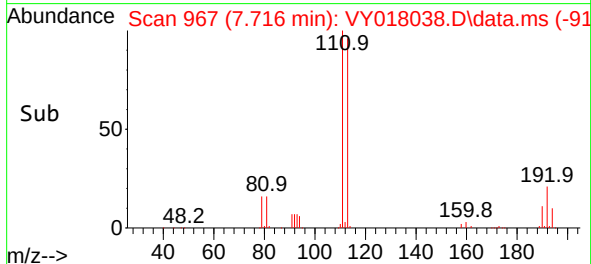
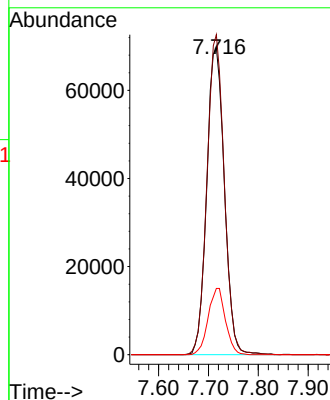
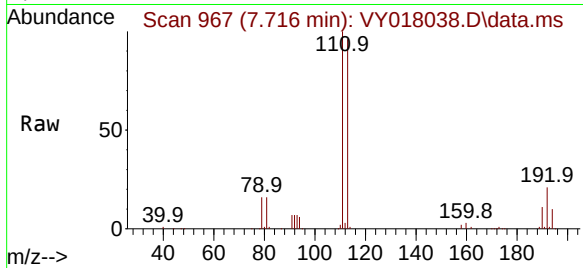




#35
Dibromofluoromethane
Concen: 51.763 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY018038.D
Acq: 24 Apr 2024 15:52

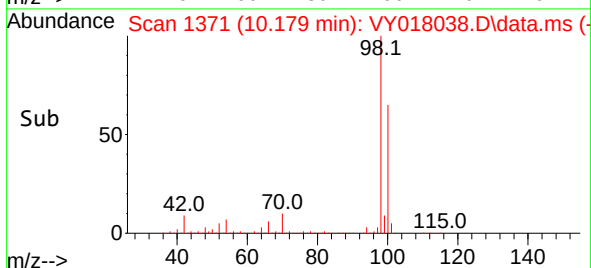
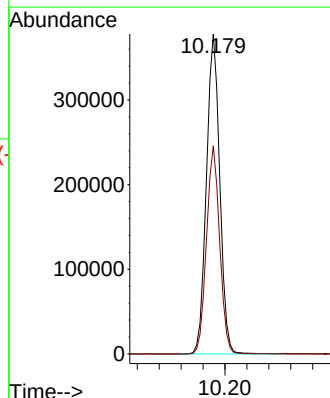
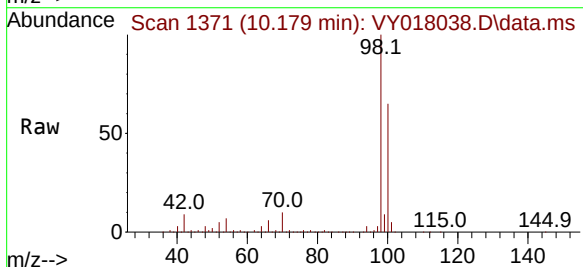
Instrument :
MSVOA_Y
ClientSampleId :
PL-03-04232024

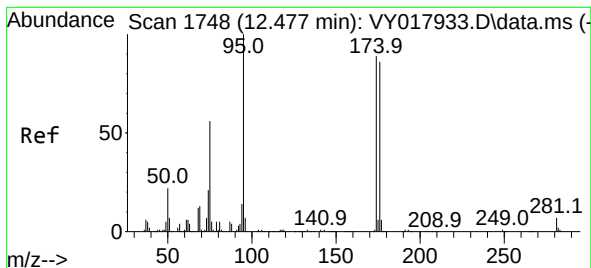
Tgt Ion:113 Resp: 171574
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 21.1 15.9 23.9



#50
Toluene-d8
Concen: 50.444 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018038.D
Acq: 24 Apr 2024 15:52

Tgt Ion: 98 Resp: 634455
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

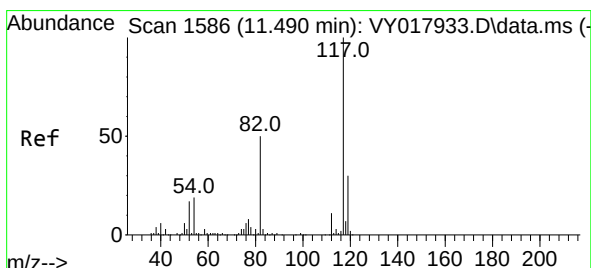
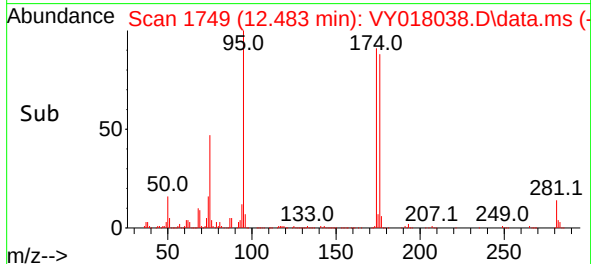
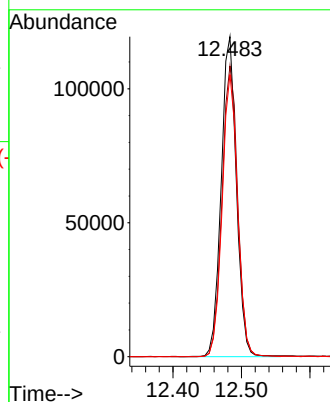
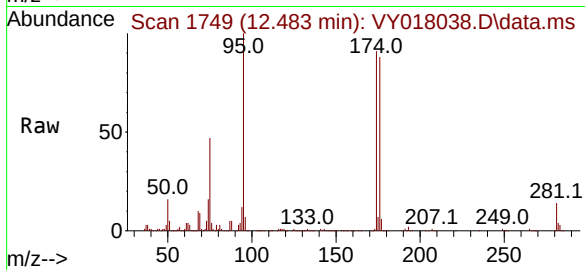




#62
4-Bromofluorobenzene
Concen: 47.254 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018038.D
Acq: 24 Apr 2024 15:52

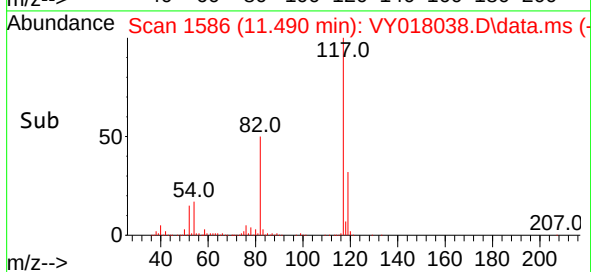
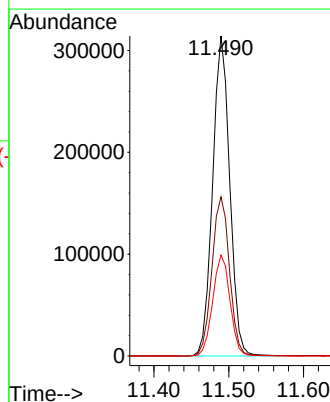
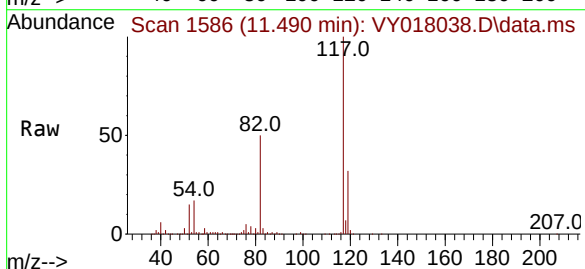
Instrument :
MSVOA_Y
ClientSampleId :
PL-03-04232024

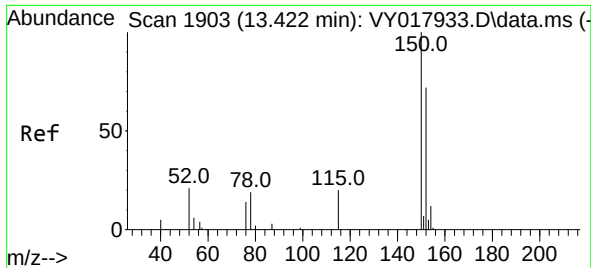
Tgt Ion: 95 Resp: 184066
Ion Ratio Lower Upper
95 100
174 93.5 0.0 175.6
176 89.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018038.D
Acq: 24 Apr 2024 15:52

Tgt Ion: 117 Resp: 500078
Ion Ratio Lower Upper
117 100
82 49.7 42.4 63.6
119 31.5 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY018038.D

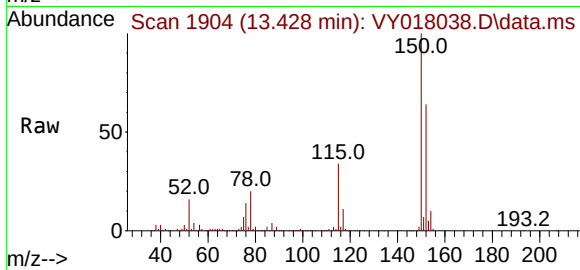
Acq: 24 Apr 2024 15:52

Instrument :

MSVOA_Y

ClientSampleId :

PL-03-04232024



Tgt Ion:152 Resp: 198877

Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

150 158.0 0.0 345.6

