

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018452.D
 Acq On : 03 Jun 2024 19:58
 Operator : SY/MD
 Sample : P2701-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CON-PAD-1

Quant Time: Jun 04 05:44:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 05:38:21 2024
 Response via : Initial Calibration

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

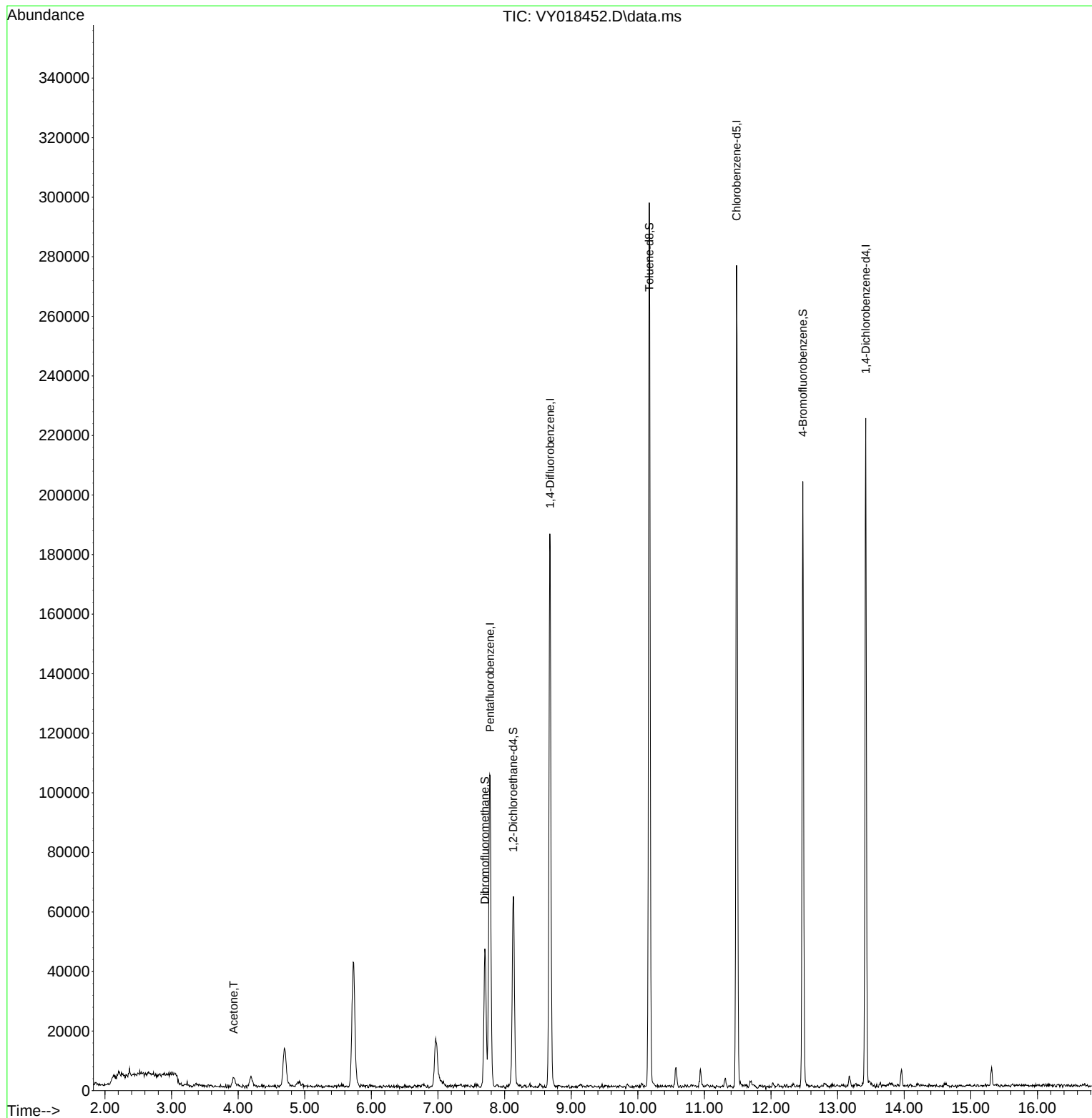
Internal Standards						
1) Pentafluorobenzene	7.783	168	76292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	154992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	142258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	52242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	47929	31.990	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	63.980%
35) Dibromofluoromethane	7.703	113	32225	16.396	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	32.800%#
50) Toluene-d8	10.172	98	189319	24.213	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	48.420%#
62) 4-Bromofluorobenzene	12.477	95	56393	23.165	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	46.320%
Target Compounds						
16) Acetone	3.930	43	5746	17.279	ug/l	Qvalue # 72

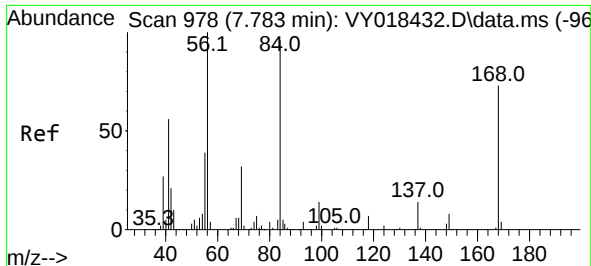
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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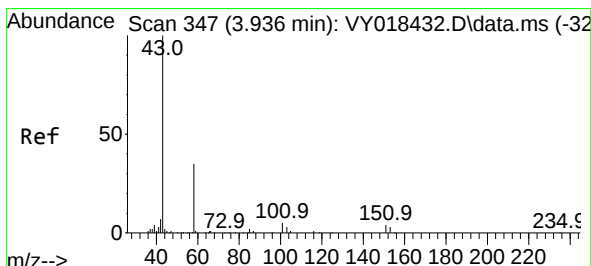
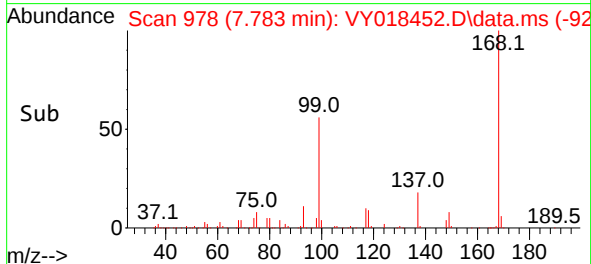
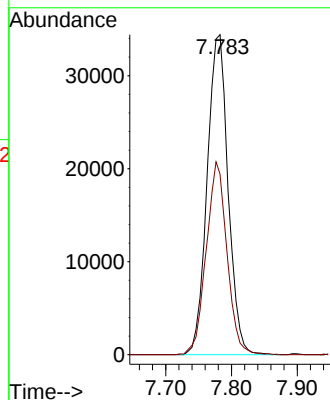
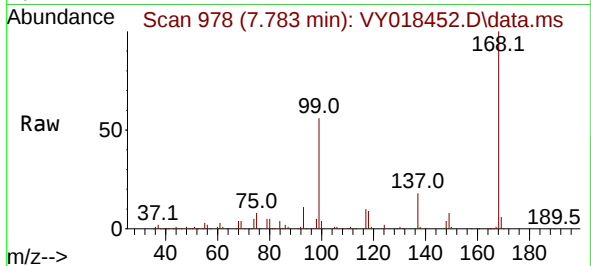




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018452.D
Acq: 03 Jun 2024 19:58

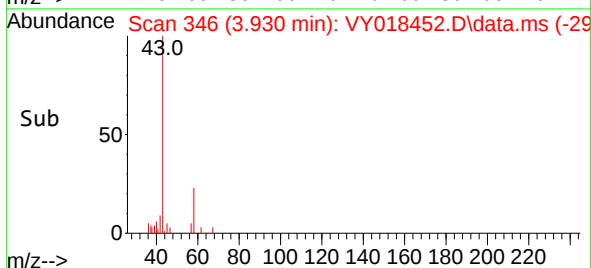
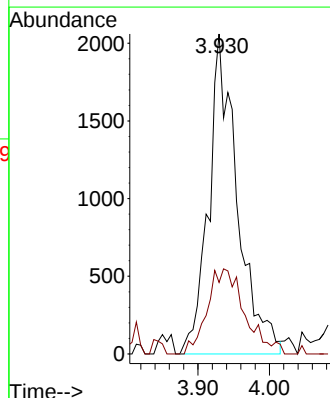
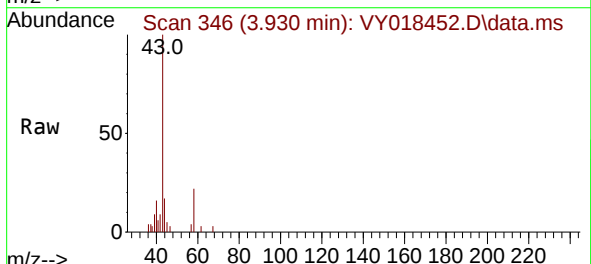
Instrument :
MSVOA_Y
ClientSampleId :
CON-PAD-1

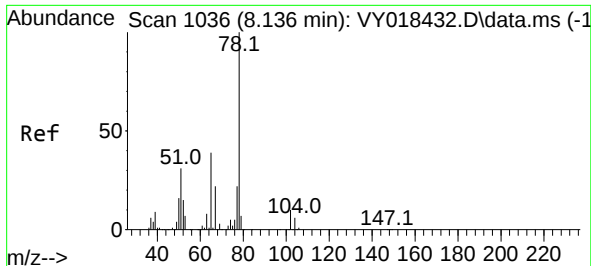
Tgt Ion:168 Resp: 76292
Ion Ratio Lower Upper
168 100
99 56.4 39.1 58.7



#16
Acetone
Concen: 17.279 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018452.D
Acq: 03 Jun 2024 19:58

Tgt Ion: 43 Resp: 5746
Ion Ratio Lower Upper
43 100
58 22.3 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 31.990 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018452.D

Acq: 03 Jun 2024 19:58

Instrument :

MSVOA_Y

ClientSampleId :

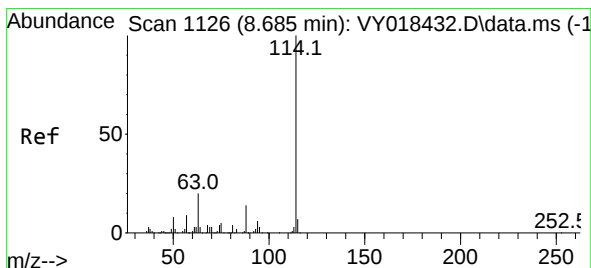
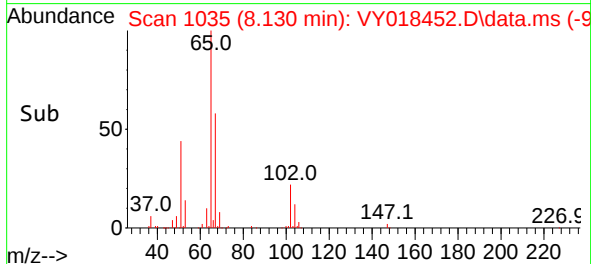
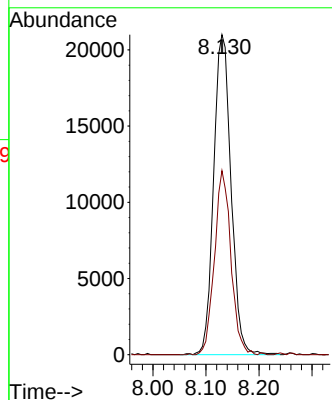
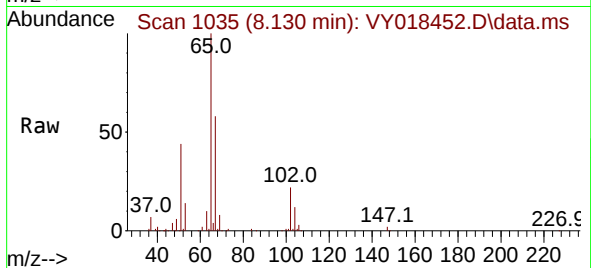
CON-PAD-1

Tgt Ion: 65 Resp: 47929

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018452.D

Acq: 03 Jun 2024 19:58

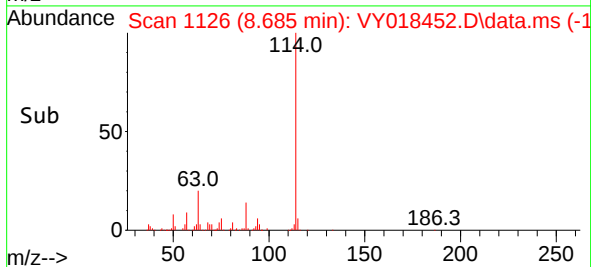
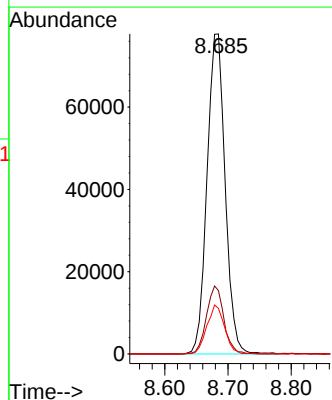
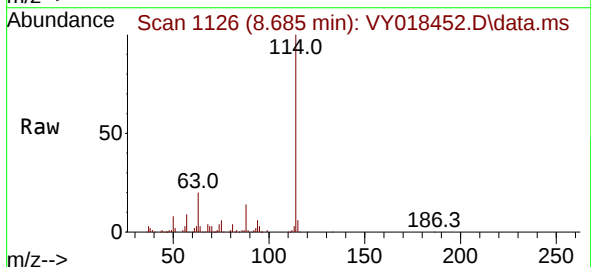
Tgt Ion: 114 Resp: 154992

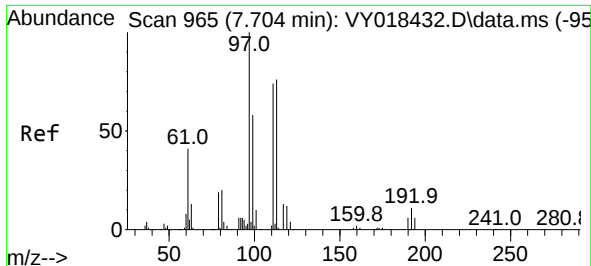
Ion Ratio Lower Upper

114 100

63 19.8 0.0 35.0

88 14.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 16.396 ug/l

RT: 7.703 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY018452.D

Acq: 03 Jun 2024 19:58

Instrument :

MSVOA_Y

ClientSampleId :

CON-PAD-1

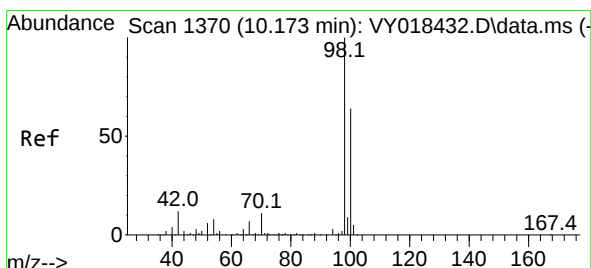
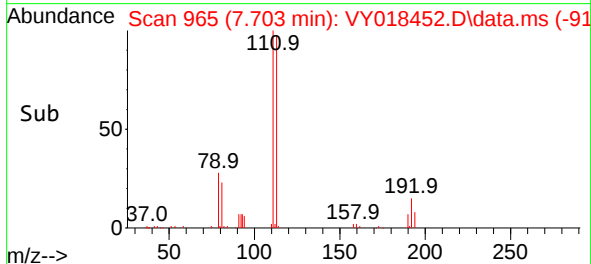
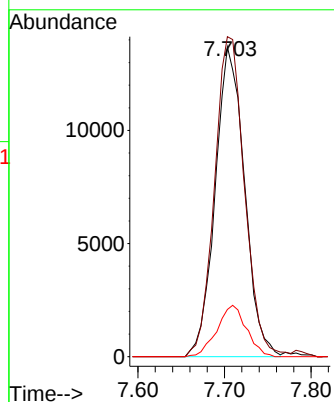
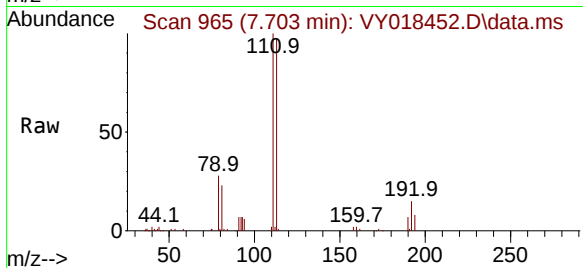
Tgt Ion:113 Resp: 32225

Ion Ratio Lower Upper

113 100

111 105.3 82.2 123.4

192 16.7 15.9 23.9



#50

Toluene-d8

Concen: 24.213 ug/l

RT: 10.172 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018452.D

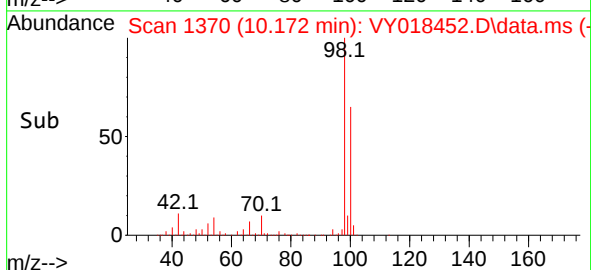
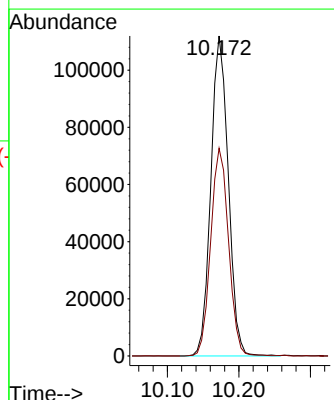
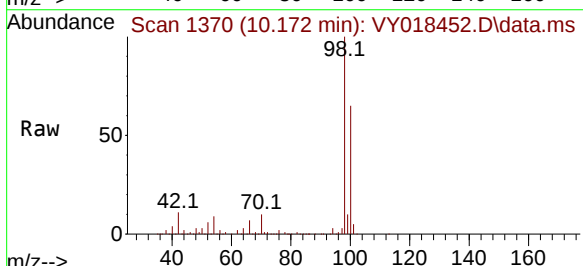
Acq: 03 Jun 2024 19:58

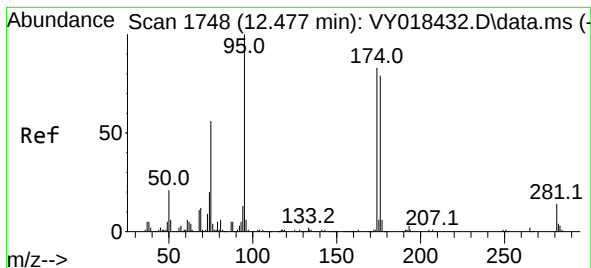
Tgt Ion: 98 Resp: 189319

Ion Ratio Lower Upper

98 100

100 66.5 52.0 78.0

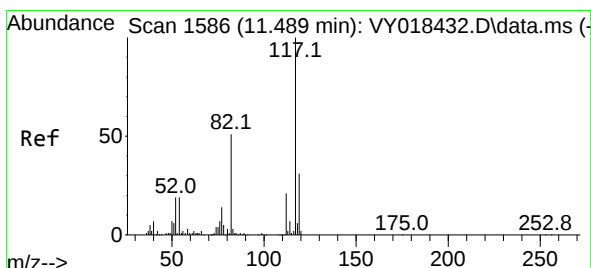
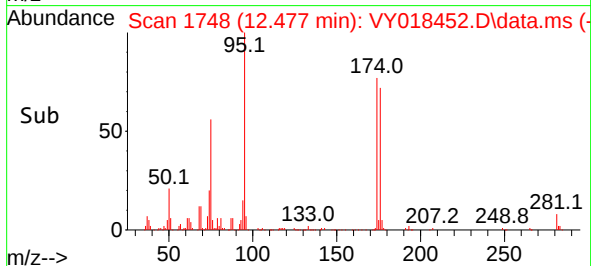
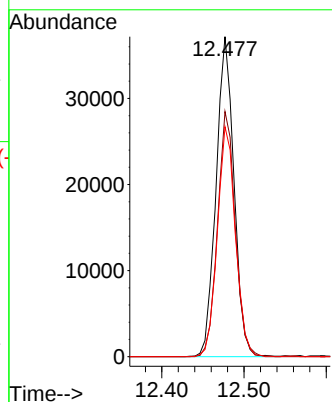
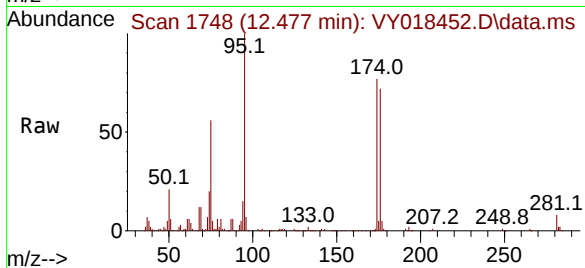




#62
4-Bromofluorobenzene
Concen: 23.165 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018452.D
Acq: 03 Jun 2024 19:58

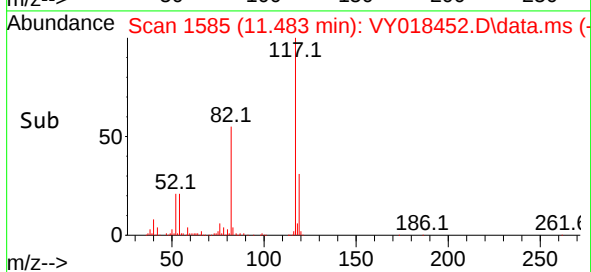
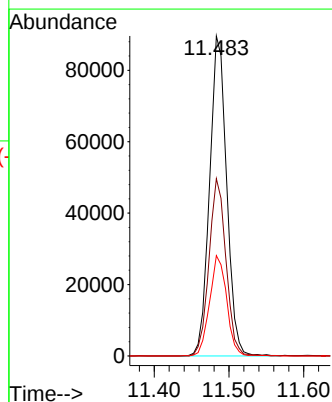
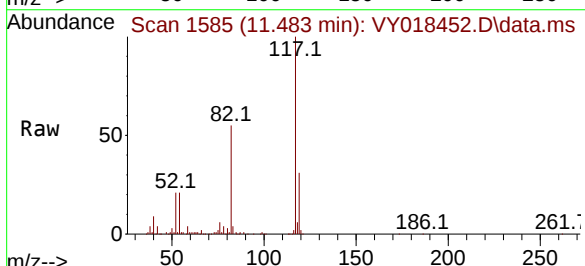
Instrument :
MSVOA_Y
ClientSampleId :
CON-PAD-1

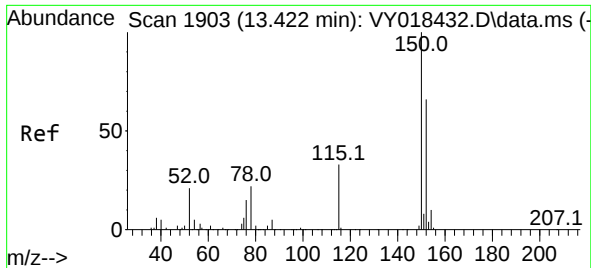
Tgt Ion: 95 Resp: 56393
Ion Ratio Lower Upper
95 100
174 75.7 0.0 175.6
176 72.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY018452.D
Acq: 03 Jun 2024 19:58

Tgt Ion: 117 Resp: 142258
Ion Ratio Lower Upper
117 100
82 55.4 42.4 63.6
119 31.4 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018452.D

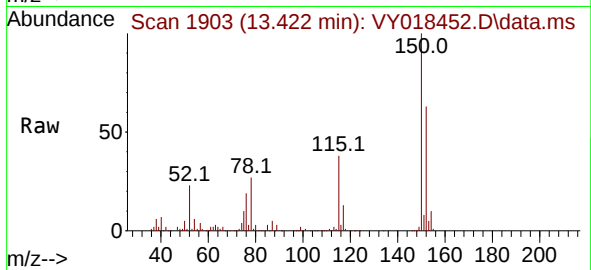
Acq: 03 Jun 2024 19:58

Instrument :

MSVOA_Y

ClientSampleId :

CON-PAD-1



Tgt Ion:152 Resp: 52242

Ion Ratio Lower Upper

152 100

115 60.8 28.2 84.7

150 154.5 0.0 345.6

