

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071924\
 Data File : VY018882.D
 Acq On : 19 Jul 2024 15:16
 Operator : SY/MD
 Sample : P3307-06
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-189-GW-923-925

Quant Time: Jul 19 23:05:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

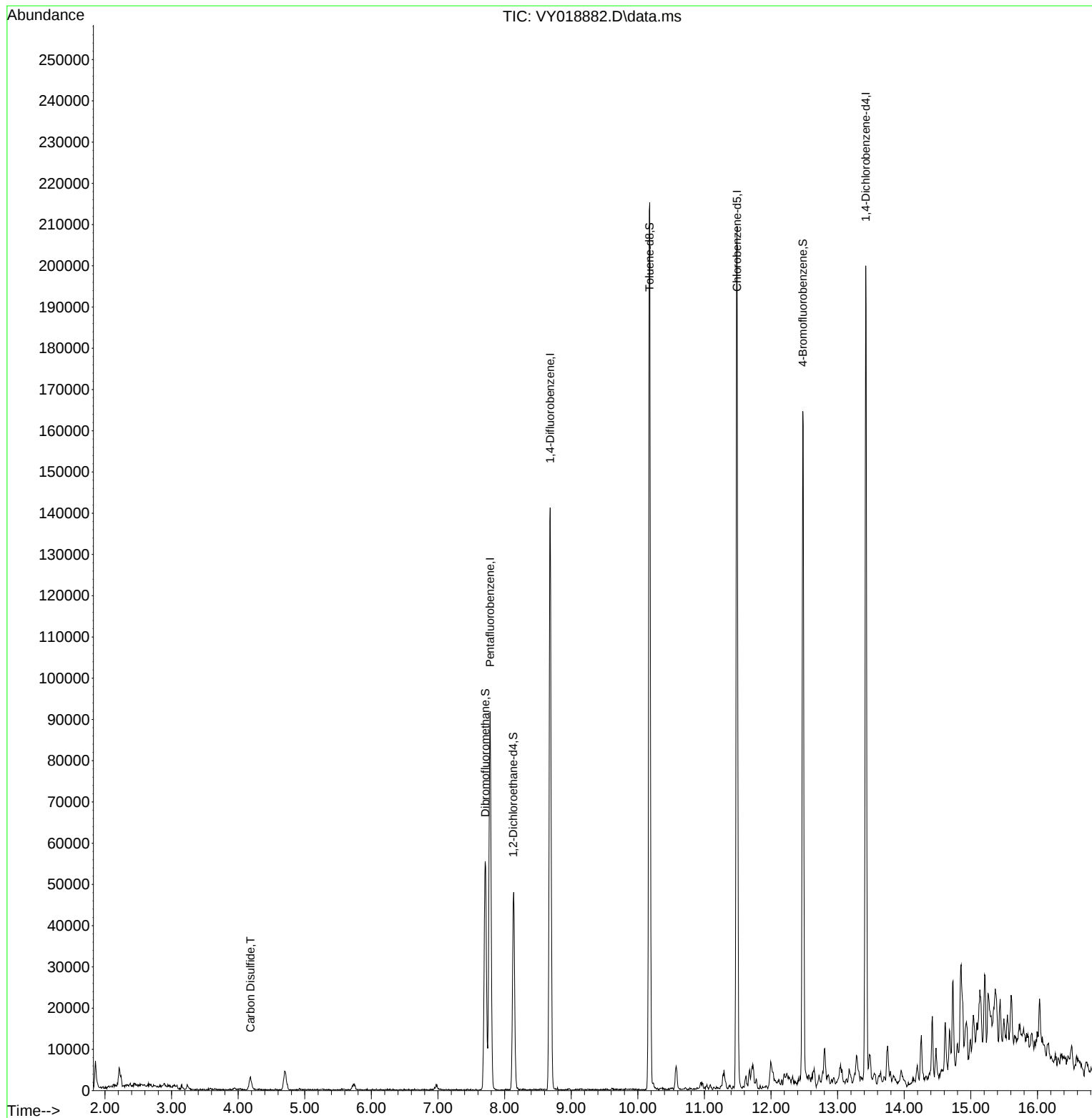
Internal Standards						
1) Pentafluorobenzene	7.783	168	71952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	124451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	115645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	50919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	36790	51.962	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.920%
35) Dibromofluoromethane	7.710	113	38703	49.653	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.300%
50) Toluene-d8	10.179	98	142106	48.121	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.240%
62) 4-Bromofluorobenzene	12.477	95	48166	47.761	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.520%
Target Compounds						
17) Carbon Disulfide	4.186	76	5825	2.993	ug/l	Qvalue # 87

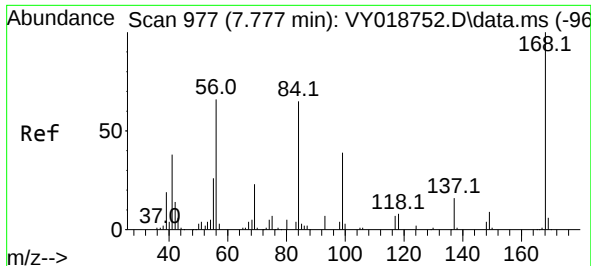
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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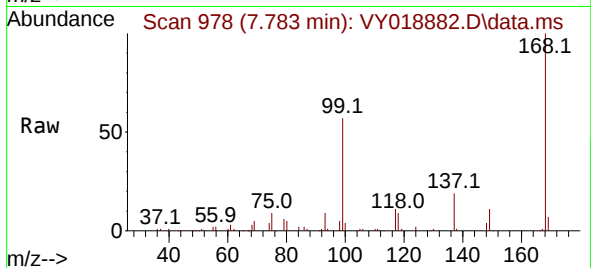
Quant Time: Jul 19 23:05:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
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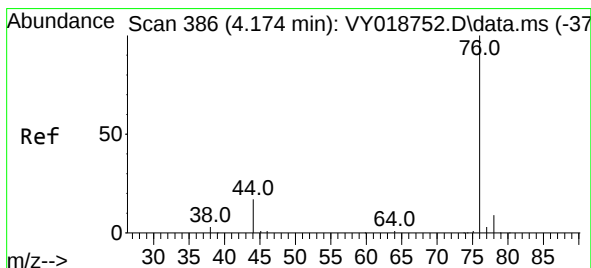
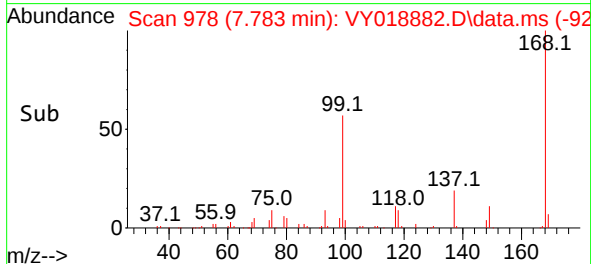
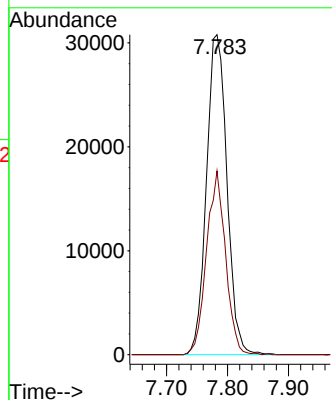


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018882.D
Acq: 19 Jul 2024 15:16

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-189-GW-923-925

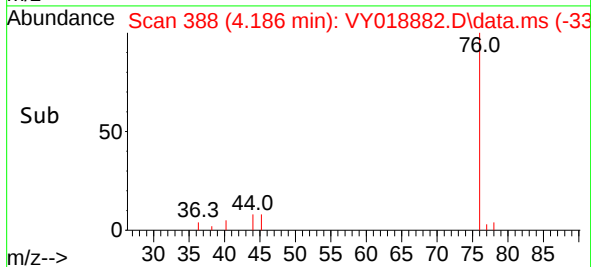
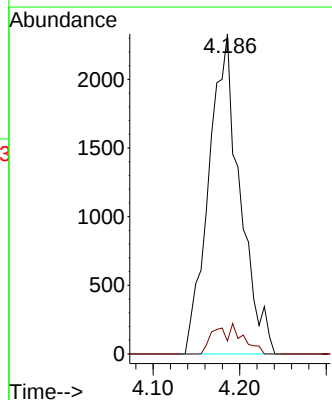
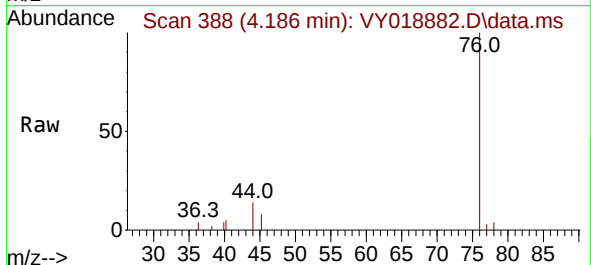


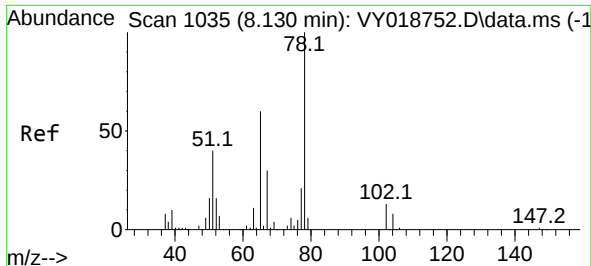
Tgt Ion:168 Resp: 71952
Ion Ratio Lower Upper
168 100
99 57.4 39.1 58.7



#17
Carbon Disulfide
Concen: 2.993 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.012 min
Lab File: VY018882.D
Acq: 19 Jul 2024 15:16

Tgt Ion: 76 Resp: 5825
Ion Ratio Lower Upper
76 100
78 4.0 6.8 10.2#





#33

1,2-Dichloroethane-d4

Concen: 51.962 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VY018882.D

Acq: 19 Jul 2024 15:16

Instrument :

MSVOA_Y

ClientSampleId :

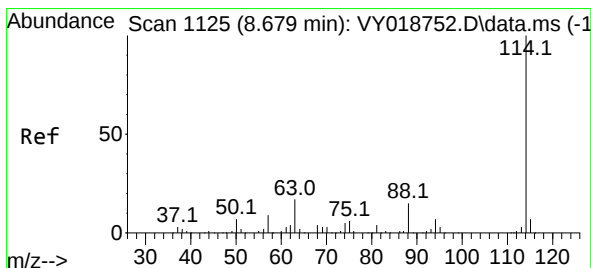
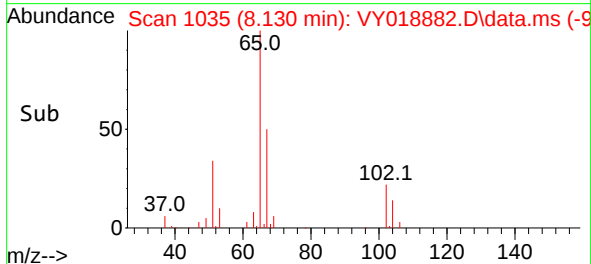
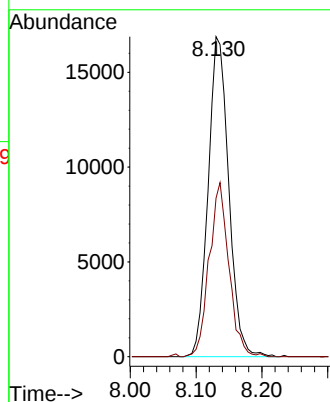
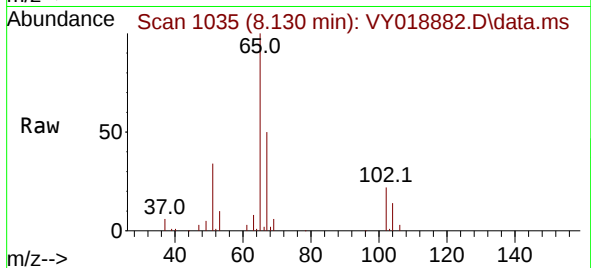
BP-VPB-189-GW-923-925

Tgt Ion: 65 Resp: 36790

Ion Ratio Lower Upper

65 100

67 52.1 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: VY018882.D

Acq: 19 Jul 2024 15:16

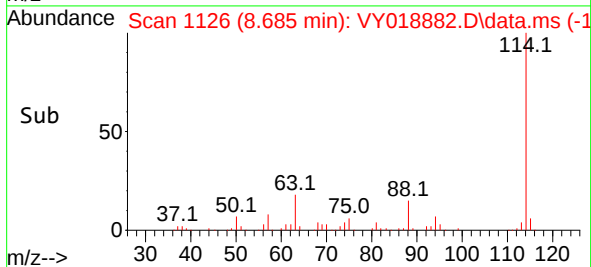
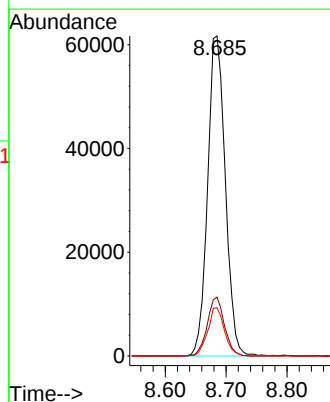
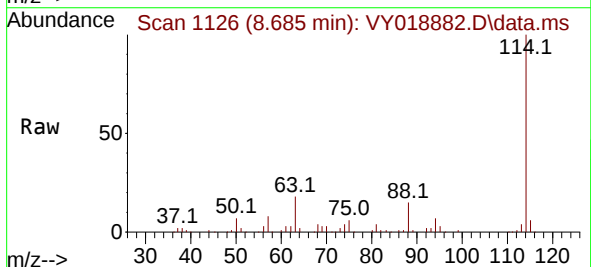
Tgt Ion: 114 Resp: 124451

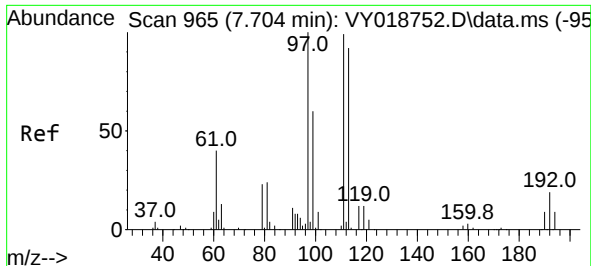
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 15.1 0.0 27.2

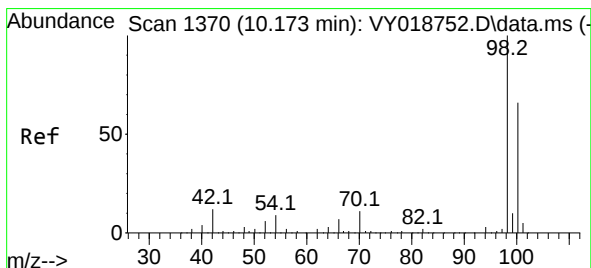
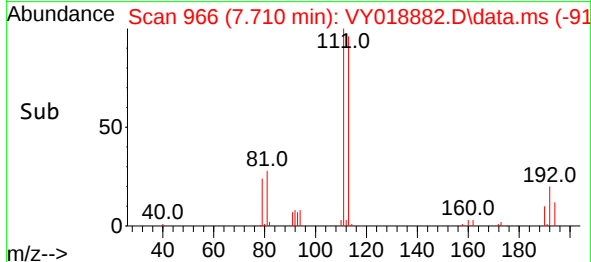
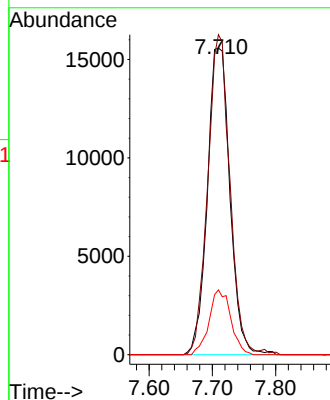
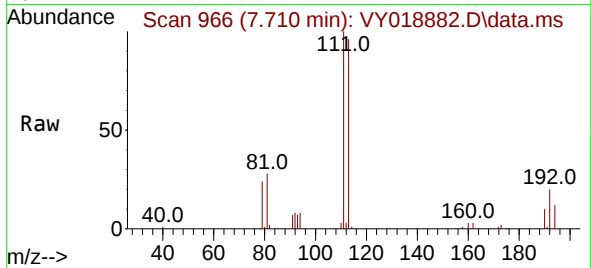




#35
Dibromofluoromethane
Concen: 49.653 ug/l
RT: 7.710 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018882.D
Acq: 19 Jul 2024 15:16

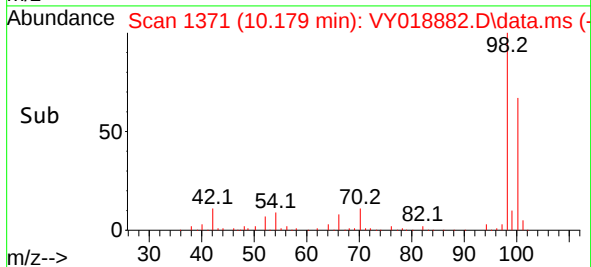
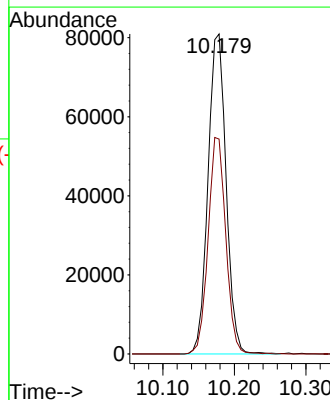
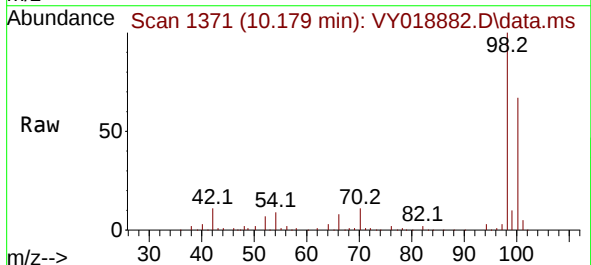
Instrument :
MSVOA_Y
ClientSampleId :
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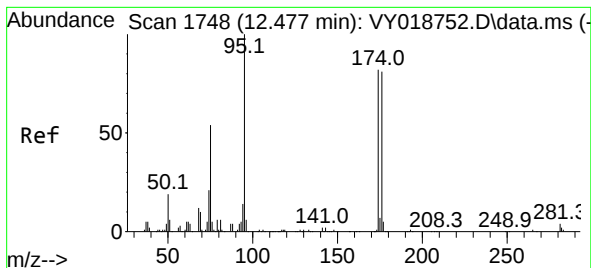
Tgt Ion:113 Resp: 38703
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 20.3 15.9 23.9



#50
Toluene-d8
Concen: 48.121 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY018882.D
Acq: 19 Jul 2024 15:16

Tgt Ion: 98 Resp: 142106
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 47.761 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018882.D

Acq: 19 Jul 2024 15:16

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-189-GW-923-925

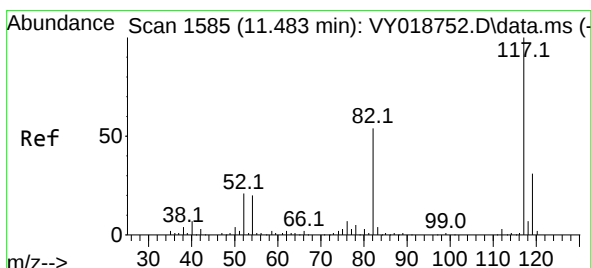
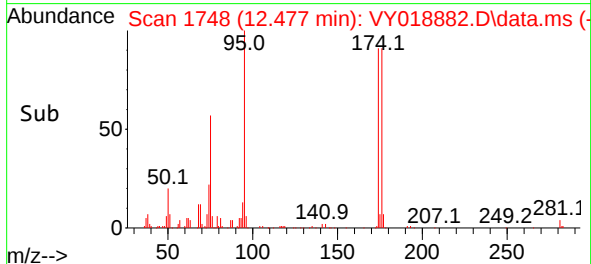
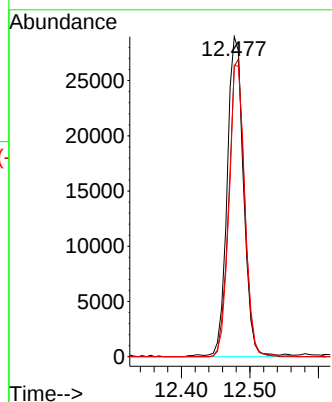
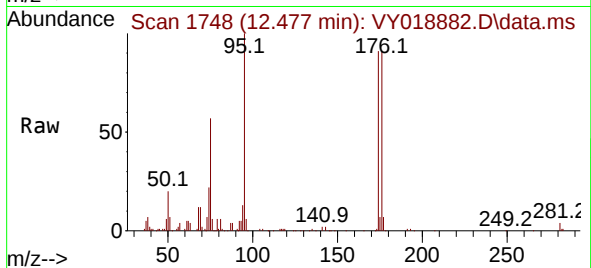
Tgt Ion: 95 Resp: 48166

Ion Ratio Lower Upper

95 100

174 88.8 0.0 175.6

176 87.7 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.006 min

Lab File: VY018882.D

Acq: 19 Jul 2024 15:16

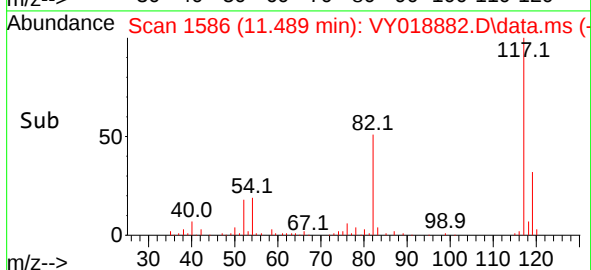
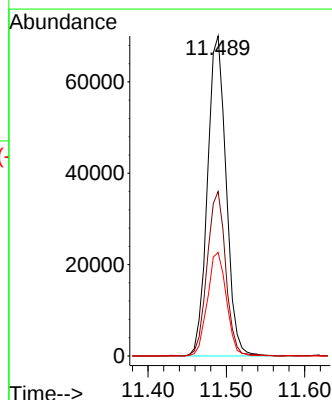
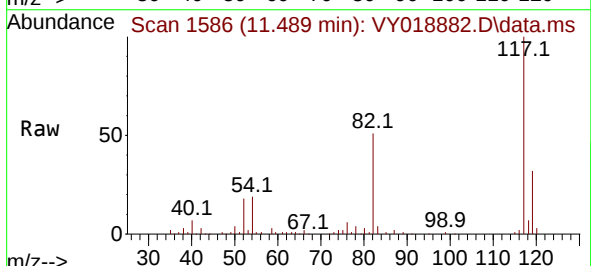
Tgt Ion: 117 Resp: 115645

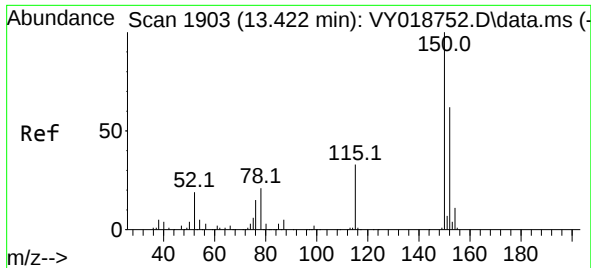
Ion Ratio Lower Upper

117 100

82 51.4 42.4 63.6

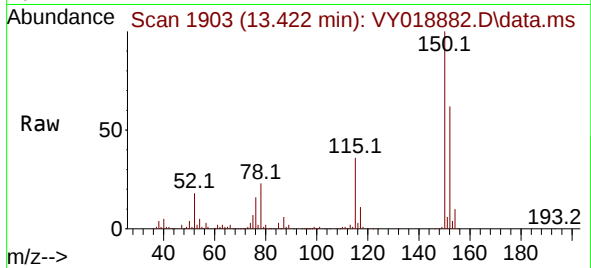
119 32.4 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY018882.D
 Acq: 19 Jul 2024 15:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-189-GW-923-925



Tgt Ion:	152	Resp:	50919
Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.2	84.7
150	158.3	0.0	345.6

