

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071924\
 Data File : VY018881.D
 Acq On : 19 Jul 2024 14:52
 Operator : SY/MD
 Sample : P3307-07
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-189-GW-938-940

Quant Time: Jul 19 23:05:10 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)

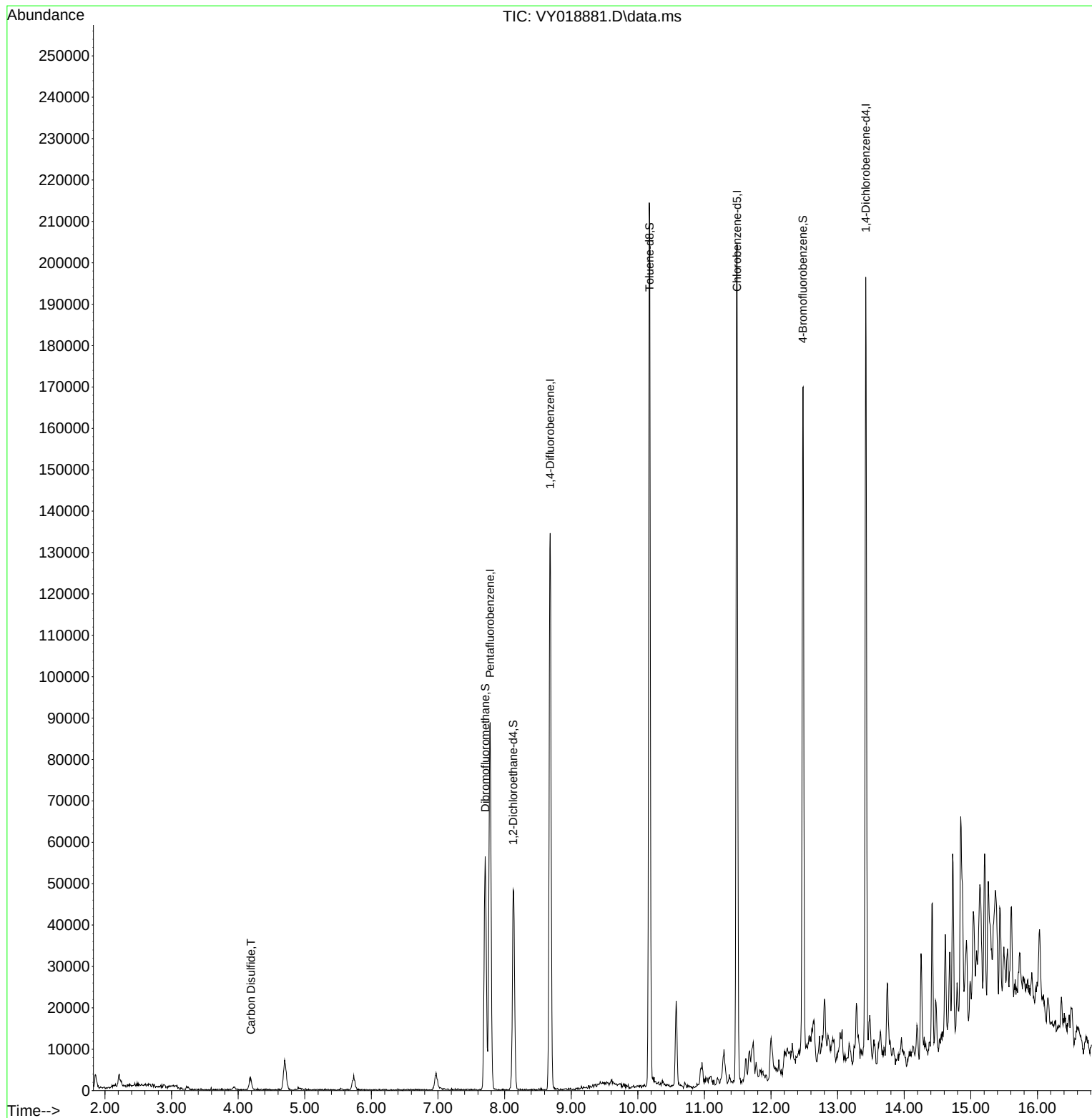
Internal Standards						
1) Pentafluorobenzene	7.783	168	70660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	120735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	114849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	38788	55.785	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.580%
35) Dibromofluoromethane	7.710	113	37745	49.915	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.820%
50) Toluene-d8	10.179	98	139647	48.744	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.480%
62) 4-Bromofluorobenzene	12.477	95	47303	48.349	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.700%
Target Compounds						
17) Carbon Disulfide	4.192	76	4718	2.468	ug/l	Qvalue 96

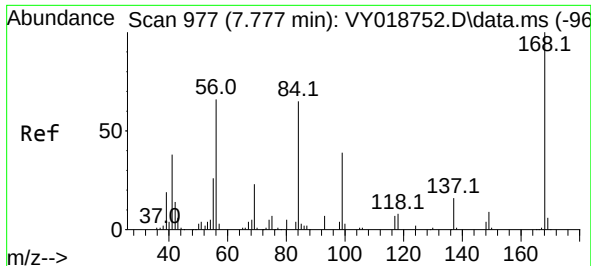
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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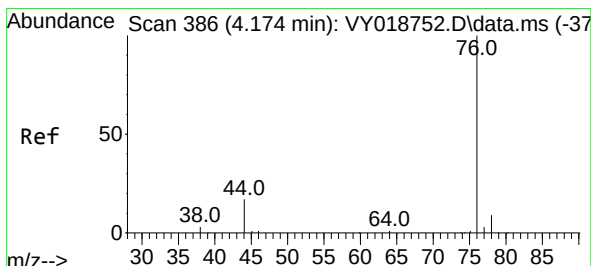
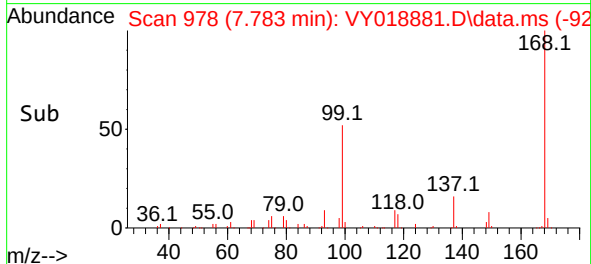
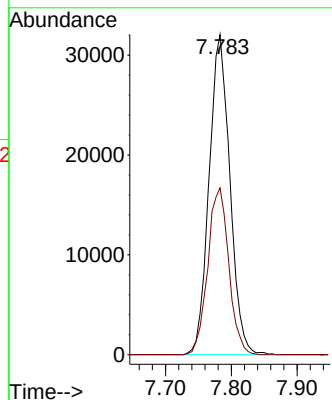
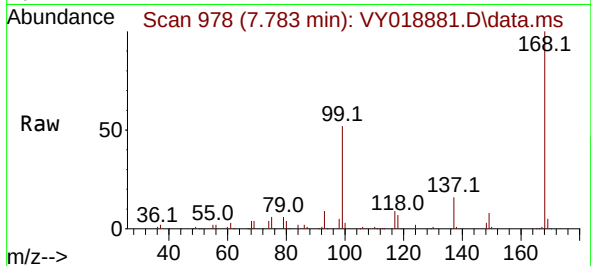




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018881.D
Acq: 19 Jul 2024 14:52

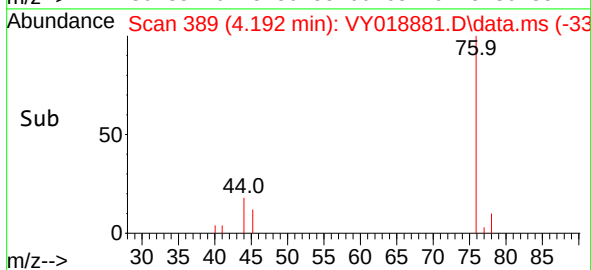
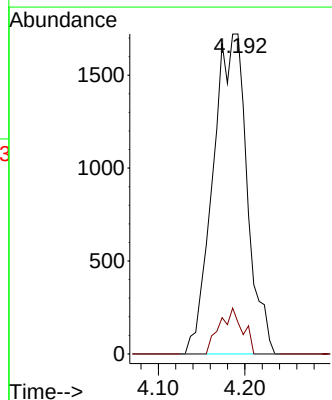
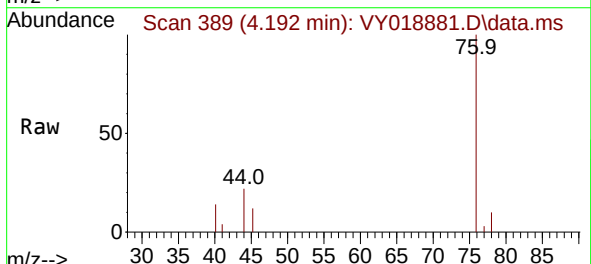
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-189-GW-938-940

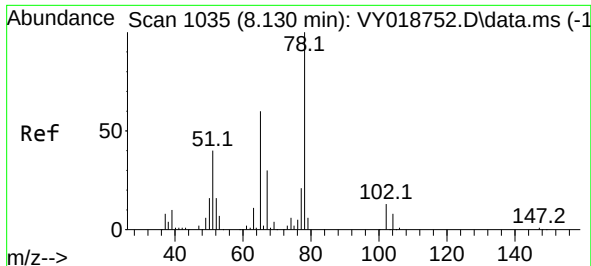
Tgt Ion:168 Resp: 70660
Ion Ratio Lower Upper
168 100
99 52.1 39.1 58.7



#17
Carbon Disulfide
Concen: 2.468 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.018 min
Lab File: VY018881.D
Acq: 19 Jul 2024 14:52

Tgt Ion: 76 Resp: 4718
Ion Ratio Lower Upper
76 100
78 9.8 6.8 10.2





#33

1,2-Dichloroethane-d4

Concen: 55.785 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VY018881.D

Acq: 19 Jul 2024 14:52

Instrument :

MSVOA_Y

ClientSampleId :

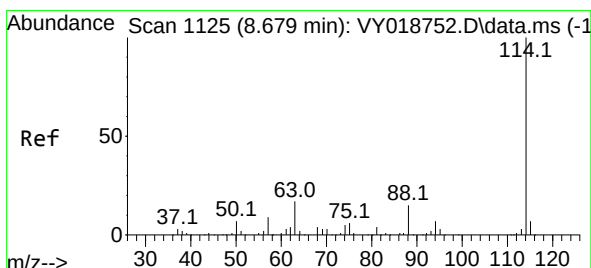
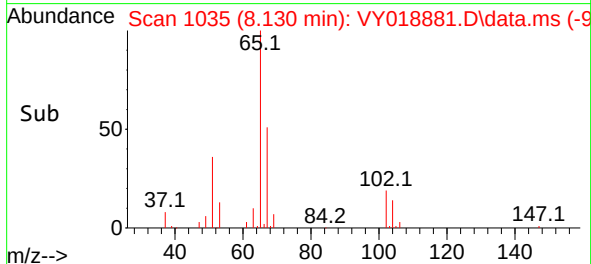
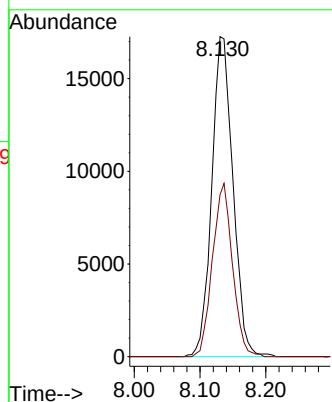
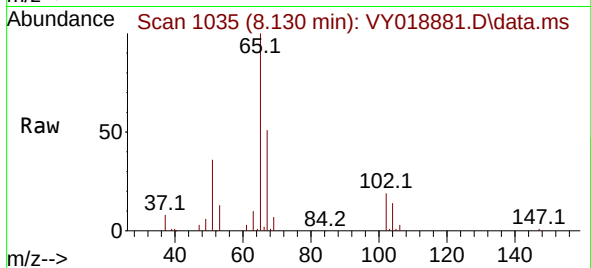
BP-VPB-189-GW-938-940

Tgt Ion: 65 Resp: 38788

Ion Ratio Lower Upper

65 100

67 51.1 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: VY018881.D

Acq: 19 Jul 2024 14:52

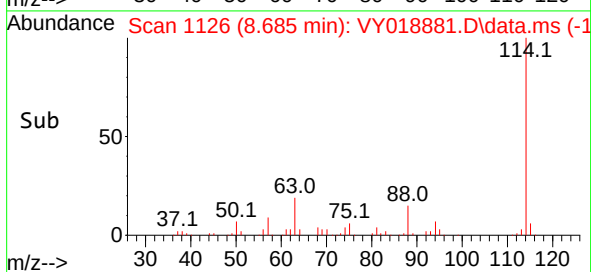
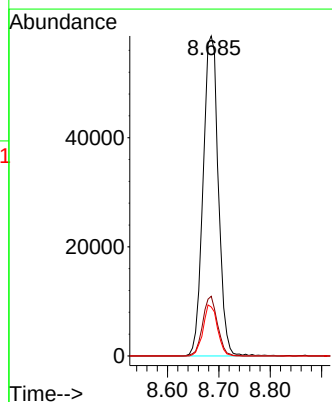
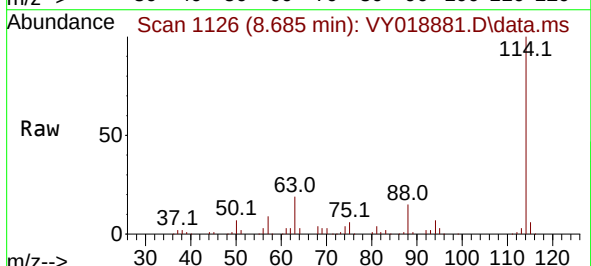
Tgt Ion: 114 Resp: 120735

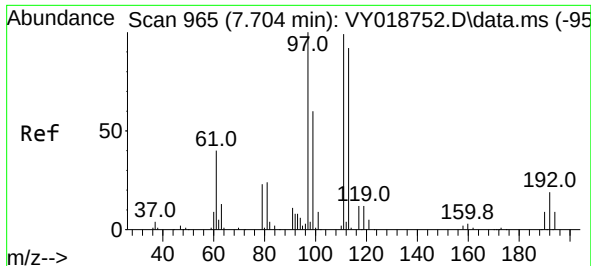
Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 15.3 0.0 27.2

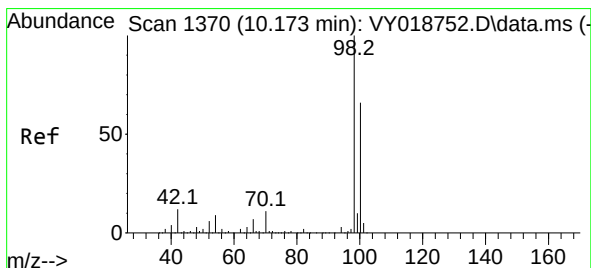
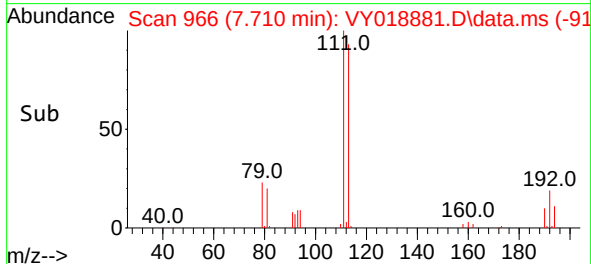
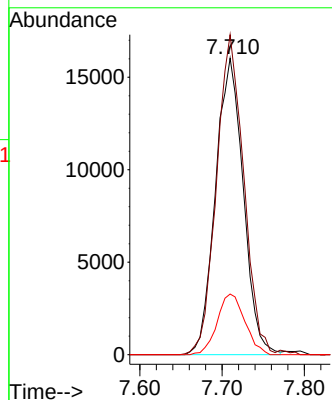
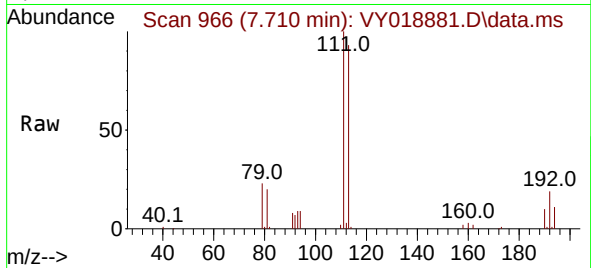




#35
Dibromofluoromethane
Concen: 49.915 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY018881.D
Acq: 19 Jul 2024 14:52

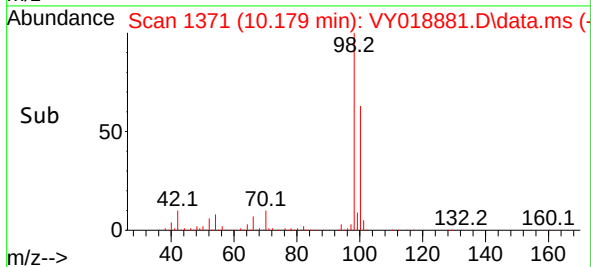
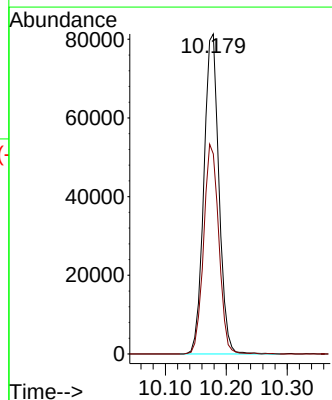
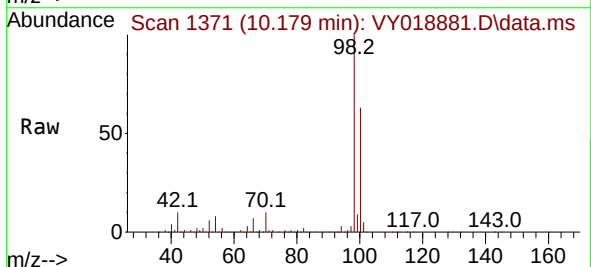
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-189-GW-938-940

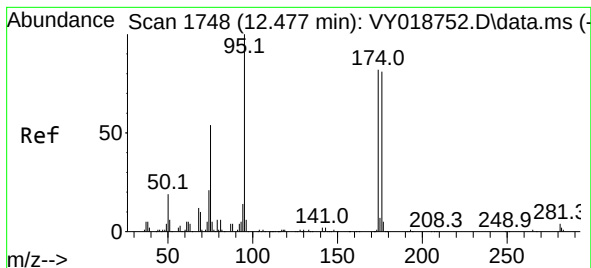
Tgt Ion:113 Resp: 37745
Ion Ratio Lower Upper
113 100
111 105.4 82.2 123.4
192 20.4 15.9 23.9



#50
Toluene-d8
Concen: 48.744 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY018881.D
Acq: 19 Jul 2024 14:52

Tgt Ion: 98 Resp: 139647
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 48.349 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018881.D

Acq: 19 Jul 2024 14:52

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-189-GW-938-940

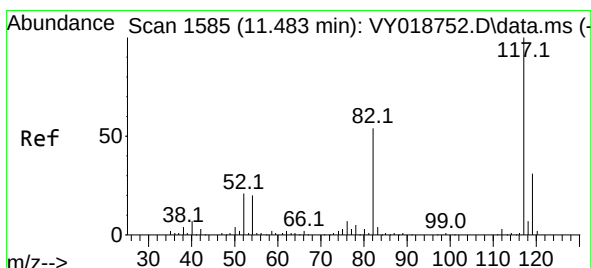
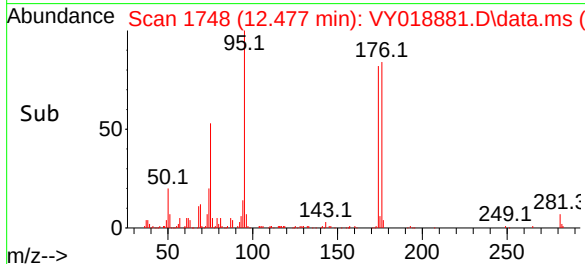
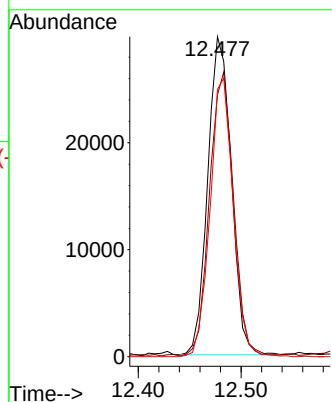
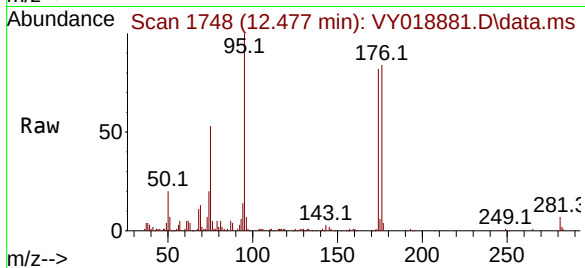
Tgt Ion: 95 Resp: 47303

Ion Ratio Lower Upper

95 100

174 90.9 0.0 175.6

176 86.3 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: VY018881.D

Acq: 19 Jul 2024 14:52

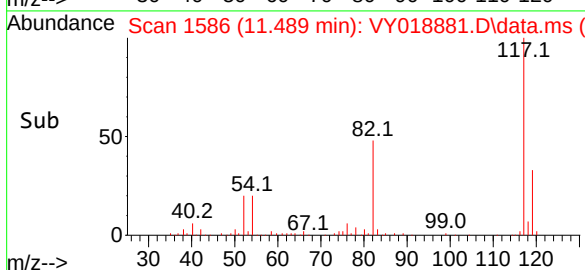
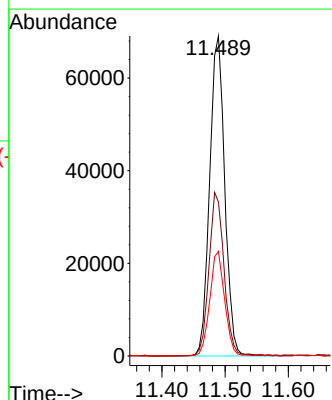
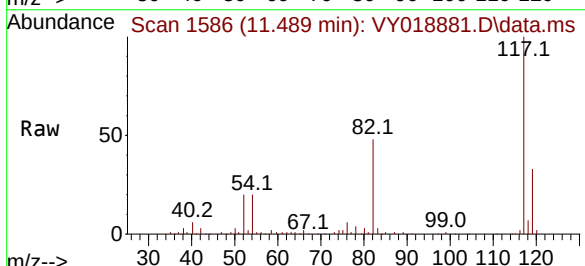
Tgt Ion: 117 Resp: 114849

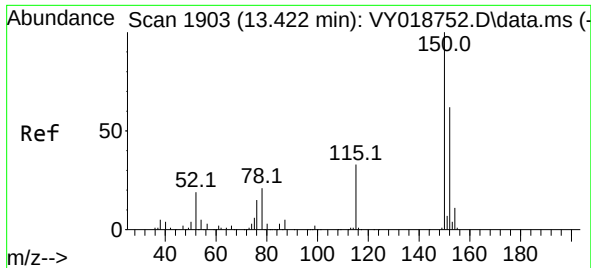
Ion Ratio Lower Upper

117 100

82 48.1 42.4 63.6

119 32.7 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: VY018881.D

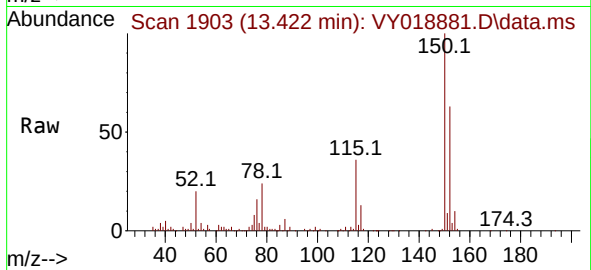
Acq: 19 Jul 2024 14:52

Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:152 Resp: 48255

Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 157.6 0.0 345.6

