

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032223\
 Data File : VY013049.D
 Acq On : 22 Mar 2023 15:08
 Operator : KP/MD
 Sample : 02023-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-12-TEST-PIT-ON-OCEAN

Quant Time: Mar 23 05:22:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

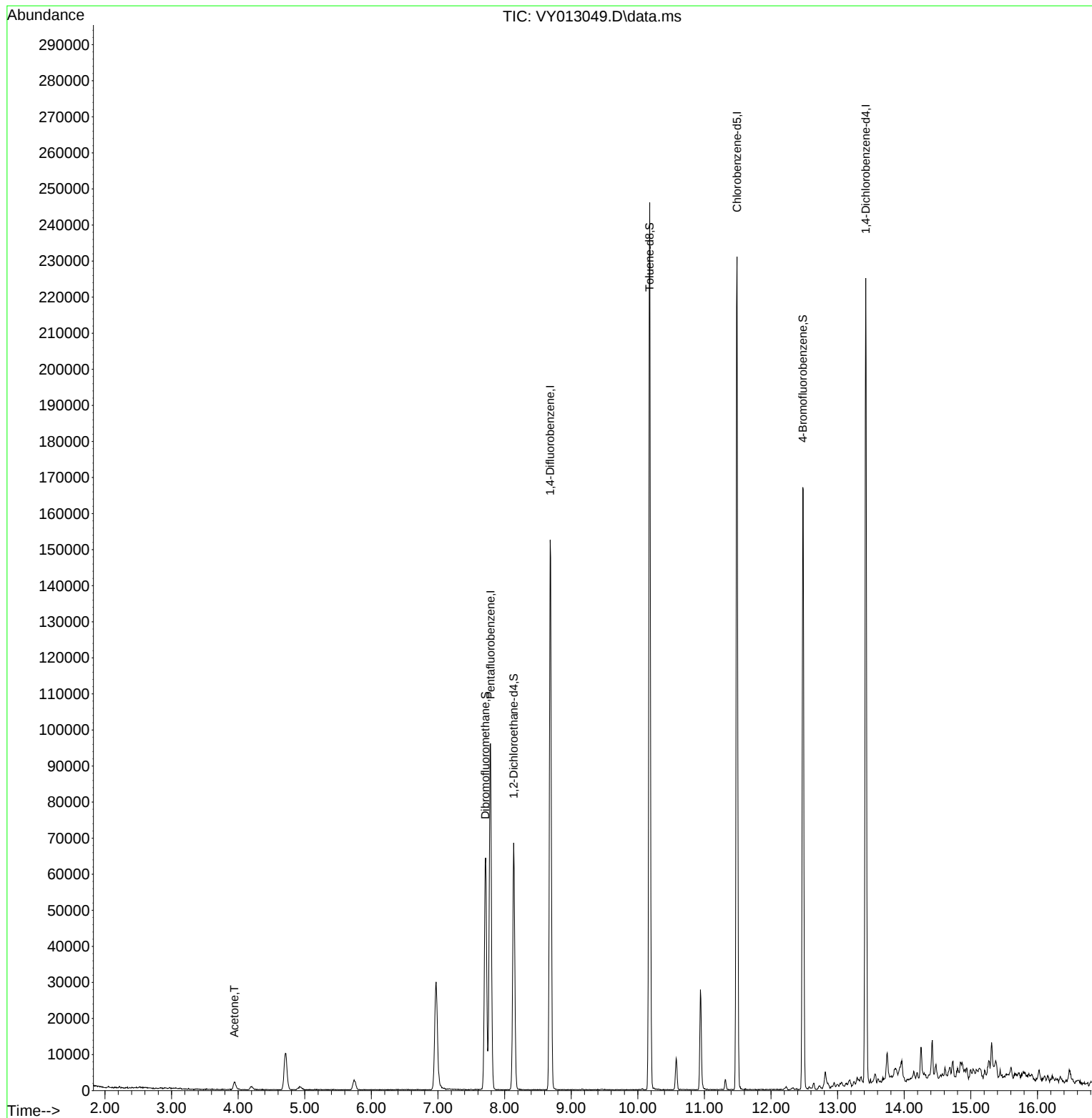
Internal Standards						
1) Pentafluorobenzene	7.789	168	74815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	128716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	123071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	50243	67.639	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.280%
35) Dibromofluoromethane	7.710	113	45516	58.594	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.180%
50) Toluene-d8	10.179	98	154373	54.360	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.720%
62) 4-Bromofluorobenzene	12.477	95	47244	49.289	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.580%
Target Compounds						
16) Acetone	3.942	43	4102	14.069	ug/l	Qvalue 96

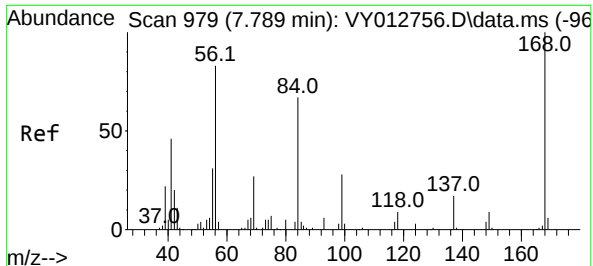
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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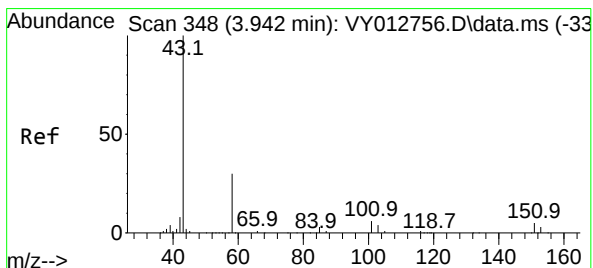
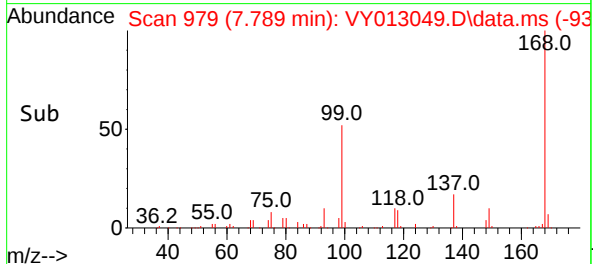
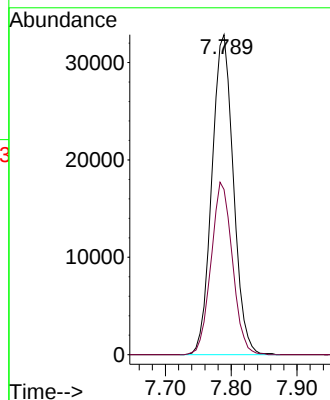
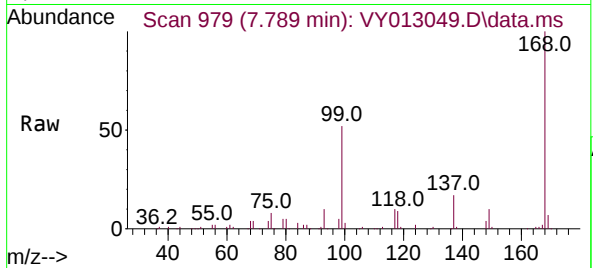




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013049.D
Acq: 22 Mar 2023 15:08

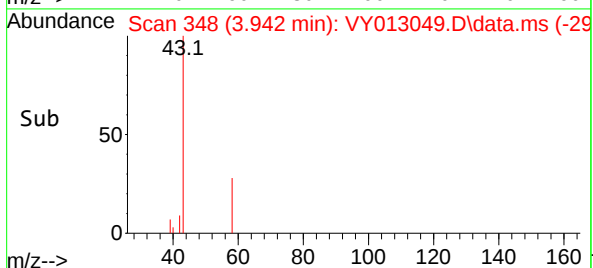
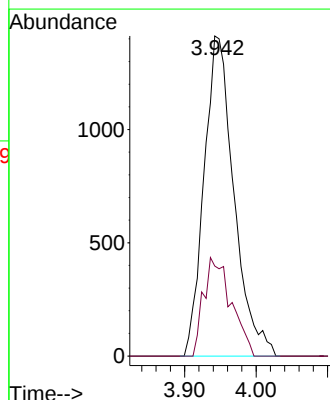
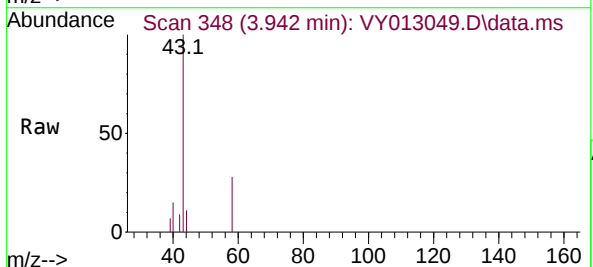
Instrument :
MSVOA_Y
ClientSampleId :
TP-12-TEST-PIT-ON-OCEAN

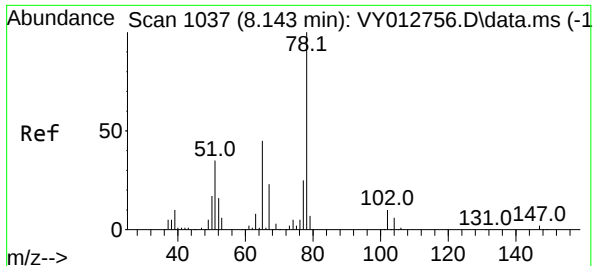
Tgt Ion:168 Resp: 74815
Ion Ratio Lower Upper
168 100
99 51.6 41.7 62.5



#16
Acetone
Concen: 14.069 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013049.D
Acq: 22 Mar 2023 15:08

Tgt Ion: 43 Resp: 4102
Ion Ratio Lower Upper
43 100
58 28.1 24.2 36.2





#33

1,2-Dichloroethane-d4

Concen: 67.639 ug/l

RT: 8.137 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY013049.D

Acq: 22 Mar 2023 15:08

Instrument :

MSVOA_Y

ClientSampleId :

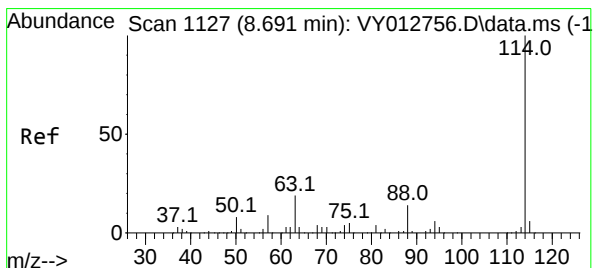
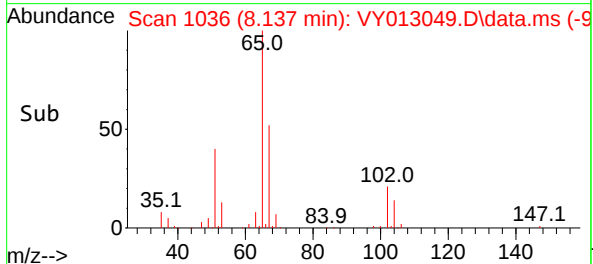
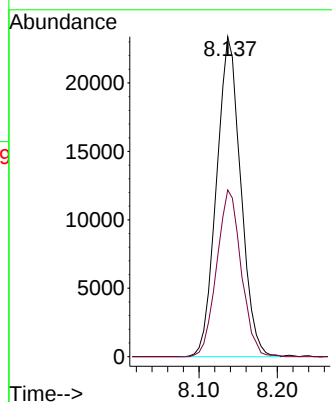
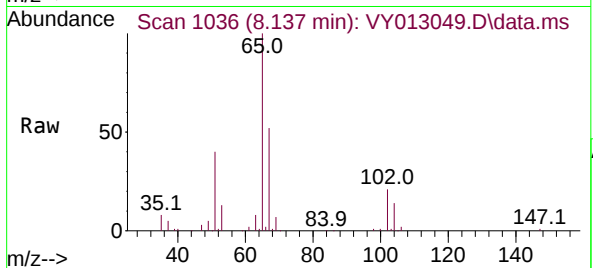
TP-12-TEST-PIT-ON-OCEAN

Tgt Ion: 65 Resp: 50243

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013049.D

Acq: 22 Mar 2023 15:08

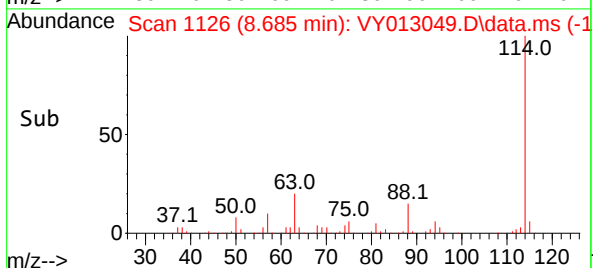
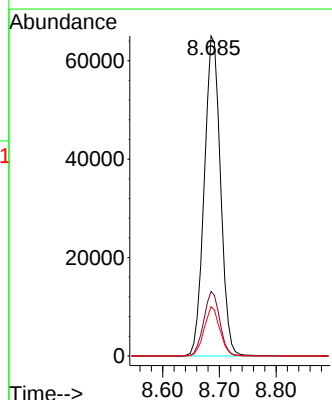
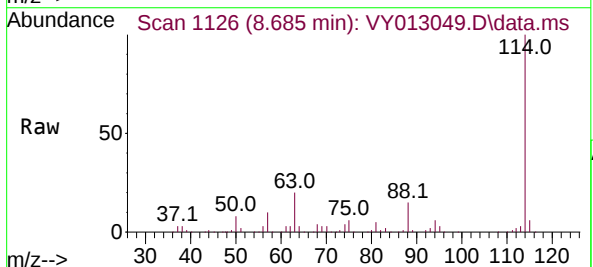
Tgt Ion: 114 Resp: 128716

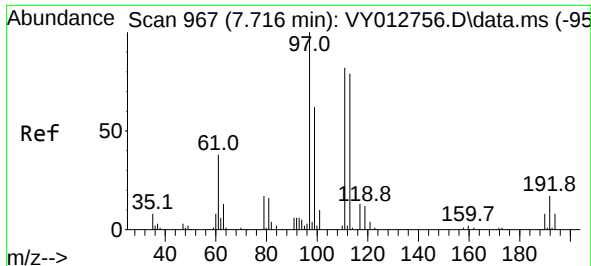
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 15.4 0.0 28.6

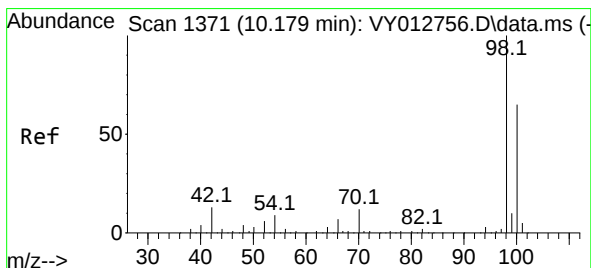
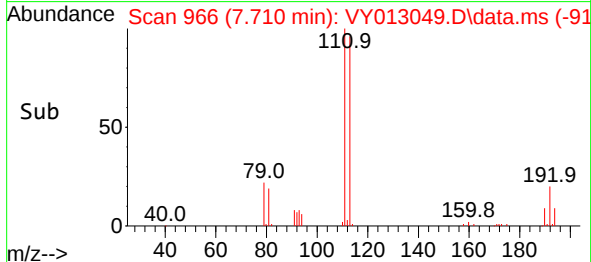
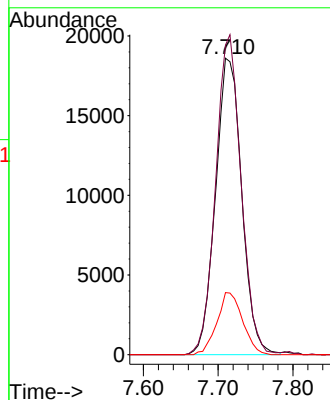
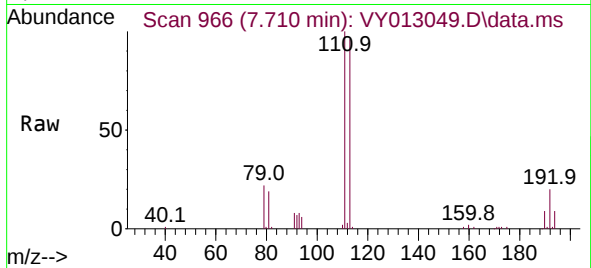




#35
Dibromofluoromethane
Concen: 58.594 ug/l
RT: 7.710 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY013049.D
Acq: 22 Mar 2023 15:08

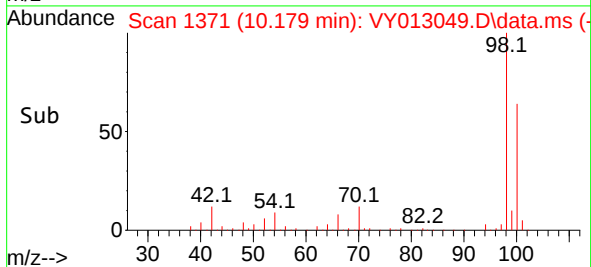
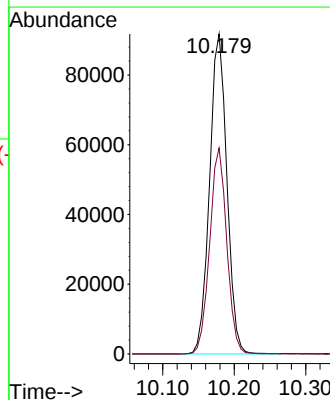
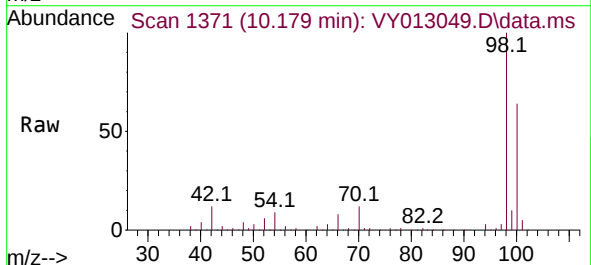
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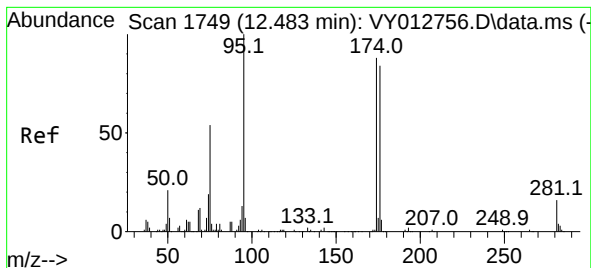
Tgt Ion:113 Resp: 45516
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 20.5 16.8 25.2



#50
Toluene-d8
Concen: 54.360 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013049.D
Acq: 22 Mar 2023 15:08

Tgt Ion: 98 Resp: 154373
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3

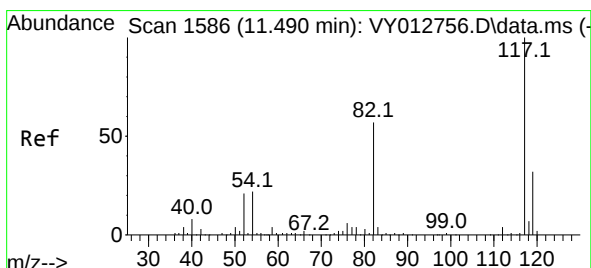
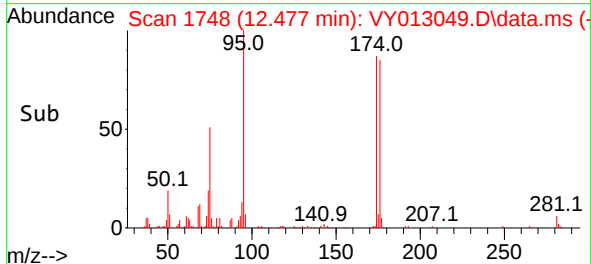
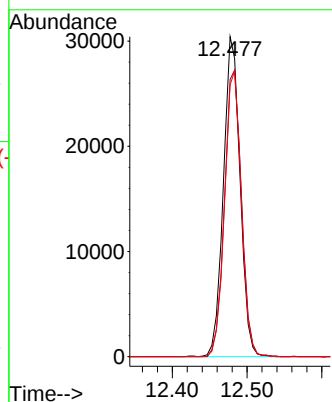
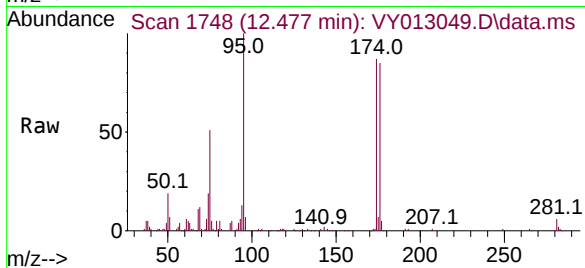




#62
4-Bromofluorobenzene
Concen: 49.289 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013049.D
Acq: 22 Mar 2023 15:08

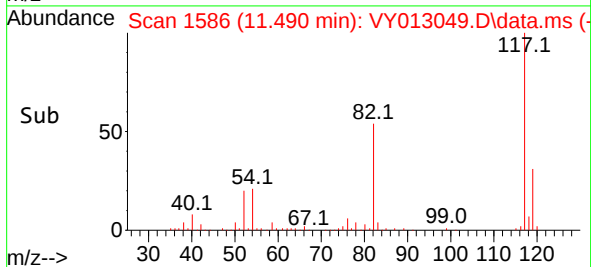
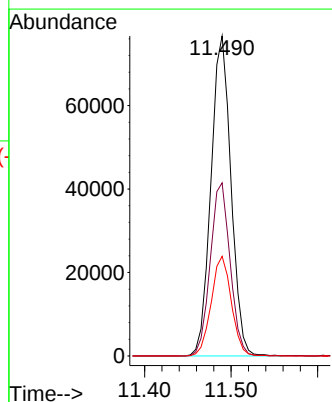
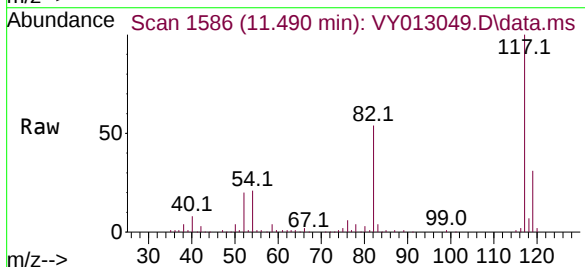
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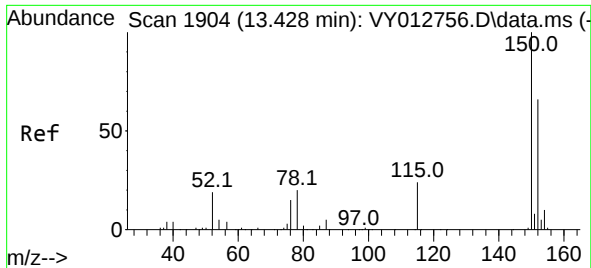
Tgt Ion: 95 Resp: 47244
Ion Ratio Lower Upper
95 100
174 91.2 0.0 176.6
176 89.3 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013049.D
Acq: 22 Mar 2023 15:08

Tgt Ion: 117 Resp: 123071
Ion Ratio Lower Upper
117 100
82 54.1 45.4 68.0
119 31.2 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013049.D

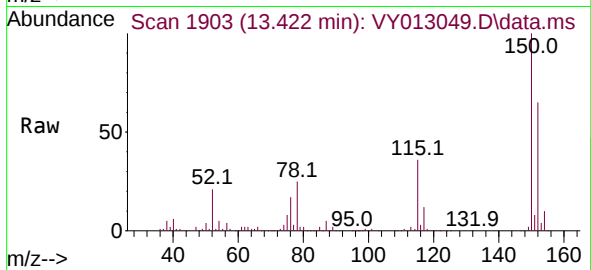
Acq: 22 Mar 2023 15:08

Instrument :

MSVOA_Y

ClientSampleId :

TP-12-TEST-PIT-ON-OCEAN



Tgt Ion:152 Resp: 57158

Ion Ratio Lower Upper

152 100

115 56.3 27.1 81.3

150 158.4 0.0 347.8

