

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101822\
 Data File : VY010990.D
 Acq On : 18 Oct 2022 12:59
 Operator : KP/MD
 Sample : N5149-09
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-RW5-DUP-20221011

Quant Time: Oct 18 17:02:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

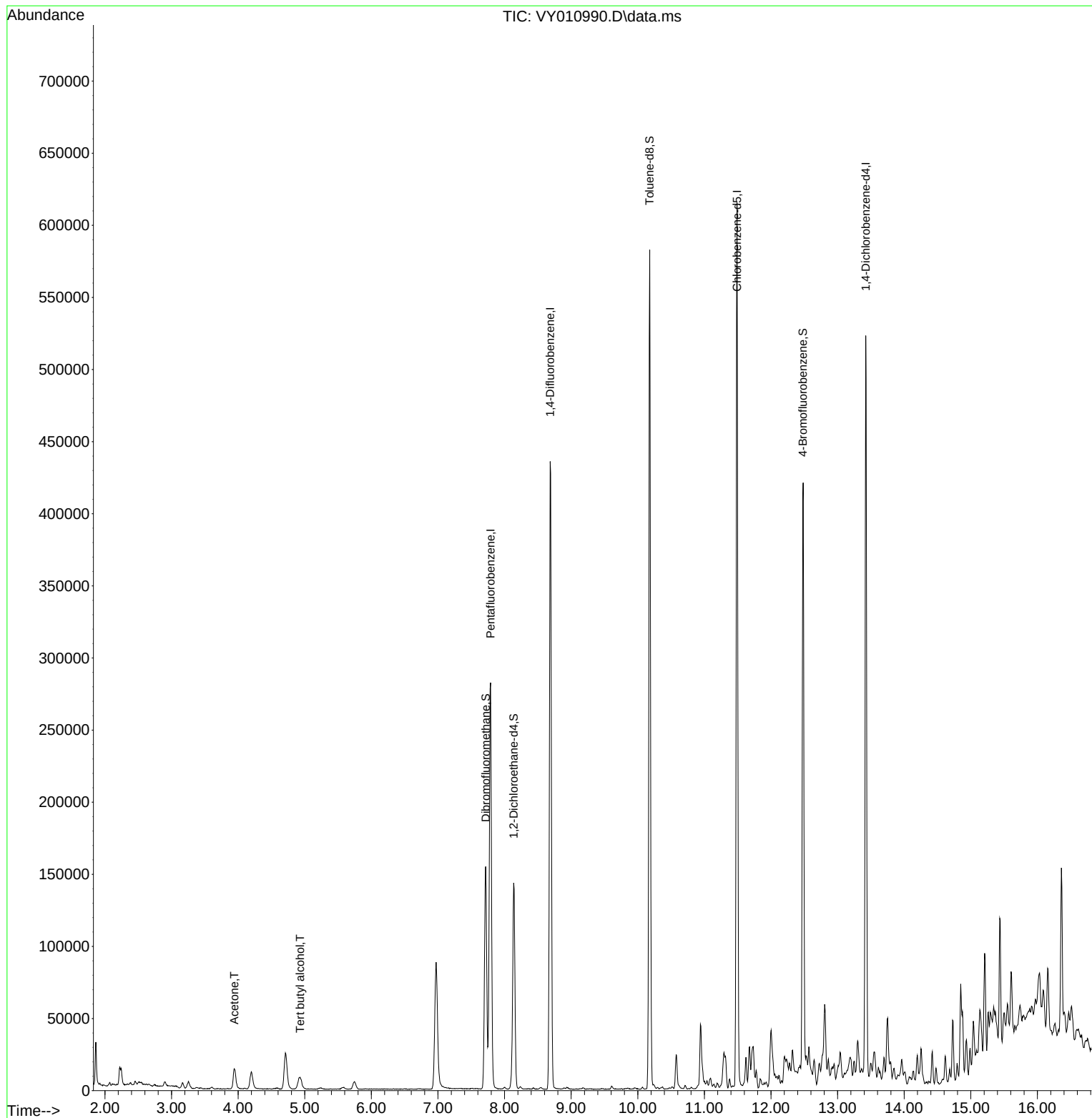
Internal Standards						
1) Pentafluorobenzene	7.789	168	221284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	383360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	334541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	107006	52.496	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.000%
35) Dibromofluoromethane	7.716	113	110613	51.841	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.680%
50) Toluene-d8	10.179	98	377478	47.158	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.320%
62) 4-Bromofluorobenzene	12.477	95	123787	43.242	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.480%
Target Compounds						Qvalue
11) Tert butyl alcohol	4.930	59	9617	22.132	ug/l #	84
16) Acetone	3.942	43	25596	43.241	ug/l #	81

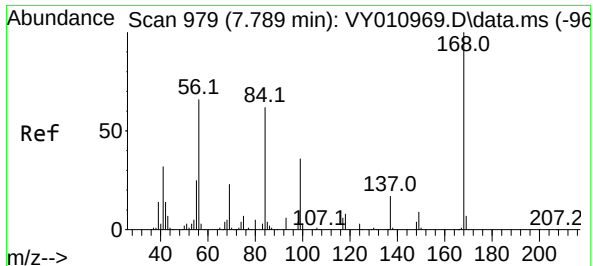
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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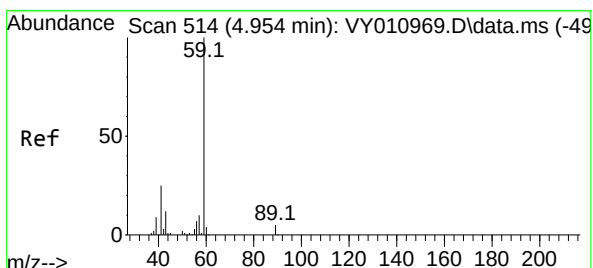
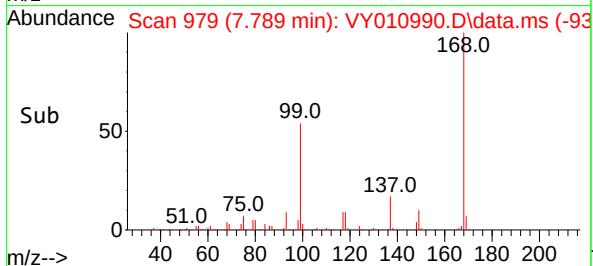
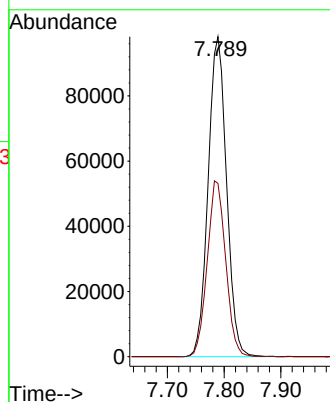
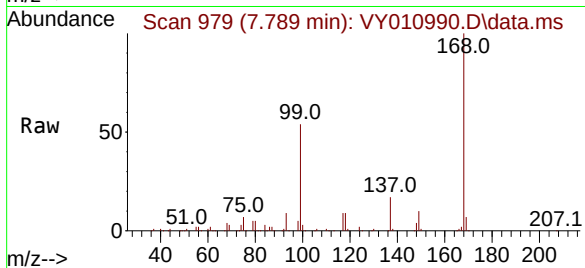




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010990.D
Acq: 18 Oct 2022 12:59

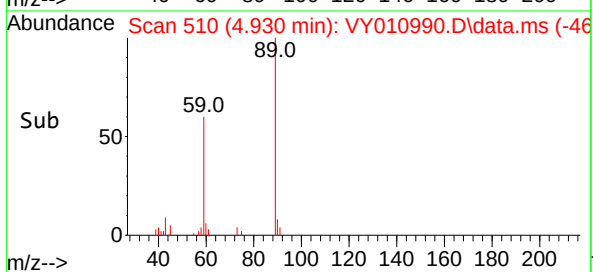
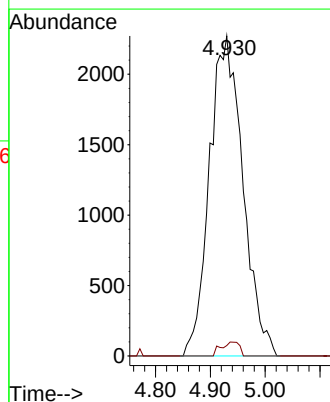
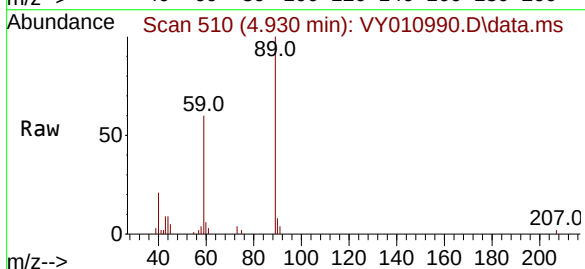
Instrument :
MSVOA_Y
ClientSampleId :
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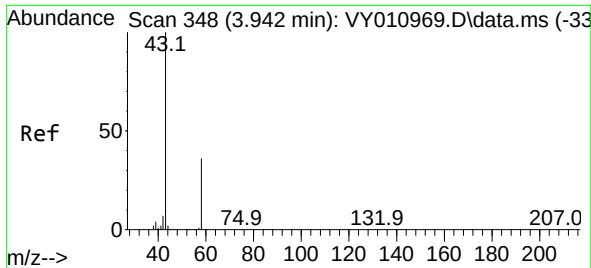
Tgt Ion:168 Resp: 221284
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#11
Tert butyl alcohol
Concen: 22.132 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.024 min
Lab File: VY010990.D
Acq: 18 Oct 2022 12:59

Tgt Ion: 59 Resp: 9617
Ion Ratio Lower Upper
59 100
57 2.4 6.4 9.6#

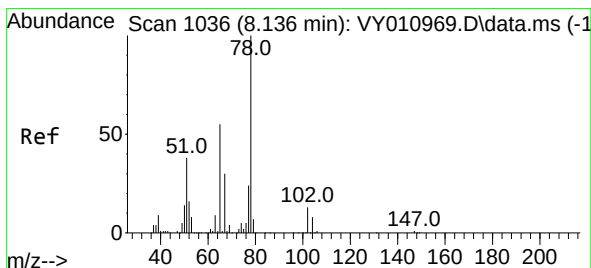
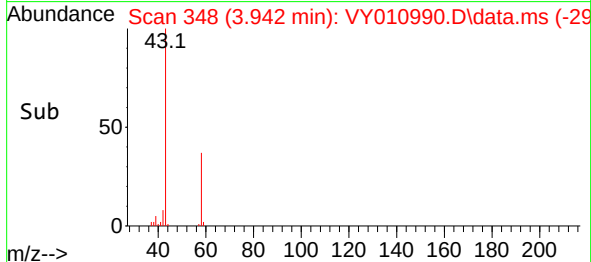
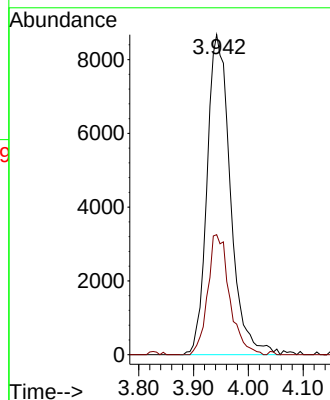
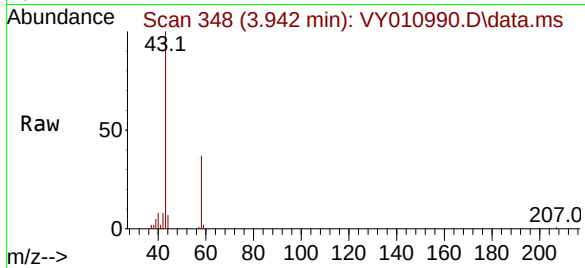




#16
Acetone
Concen: 43.241 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010990.D
Acq: 18 Oct 2022 12:59

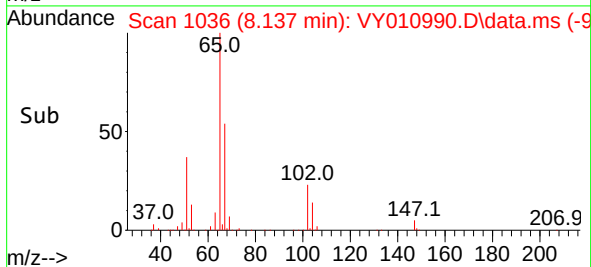
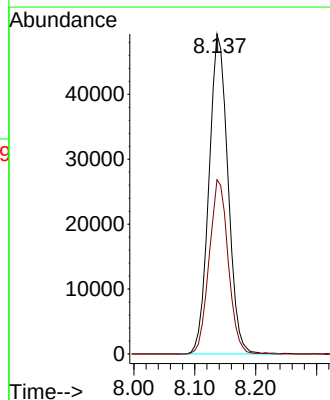
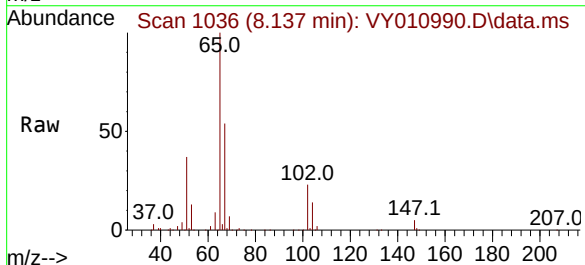
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW5-DUP-20221011

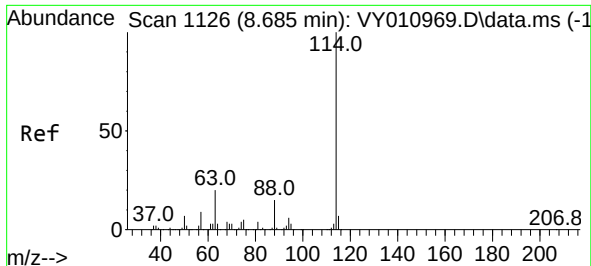
Tgt Ion: 43 Resp: 25596
Ion Ratio Lower Upper
43 100
58 37.5 22.0 33.0#



#33
1,2-Dichloroethane-d4
Concen: 52.496 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010990.D
Acq: 18 Oct 2022 12:59

Tgt Ion: 65 Resp: 107006
Ion Ratio Lower Upper
65 100
67 54.4 0.0 99.4

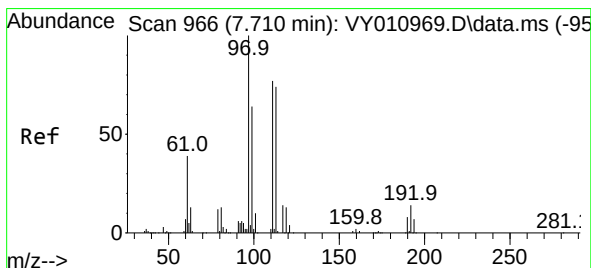
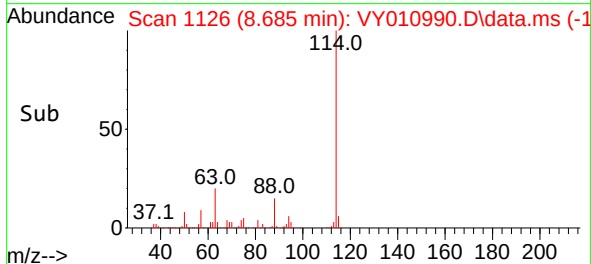
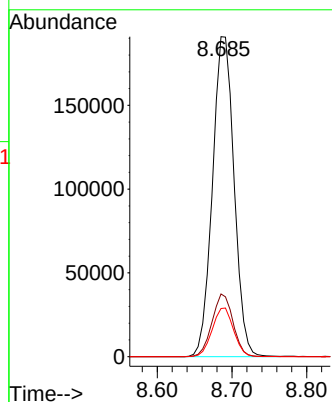
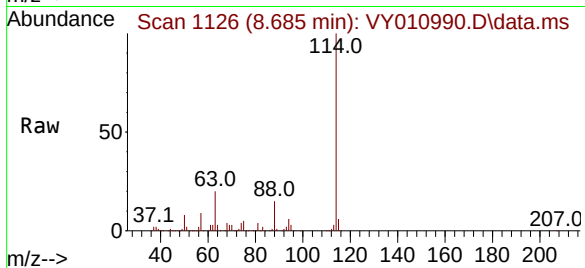




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010990.D
Acq: 18 Oct 2022 12:59

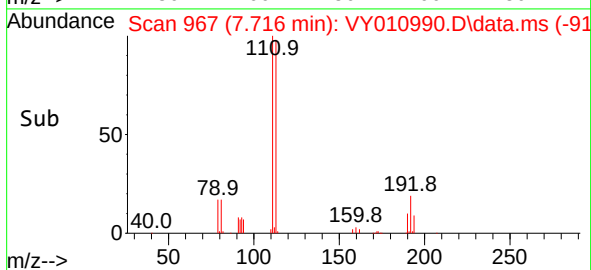
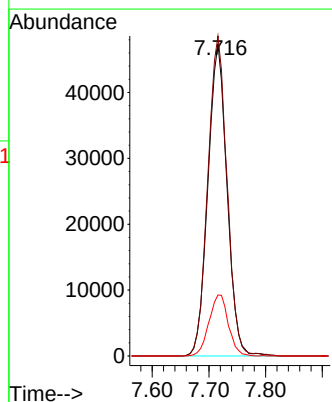
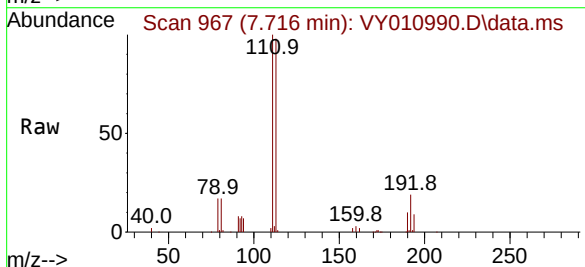
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW5-DUP-20221011

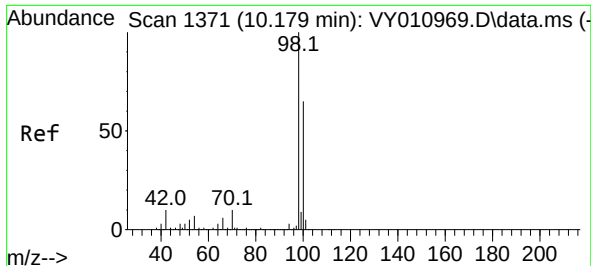
Tgt Ion:114 Resp: 383360
Ion Ratio Lower Upper
114 100
63 19.6 0.0 43.2
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.841 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010990.D
Acq: 18 Oct 2022 12:59

Tgt Ion:113 Resp: 110613
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 19.8 17.6 26.4

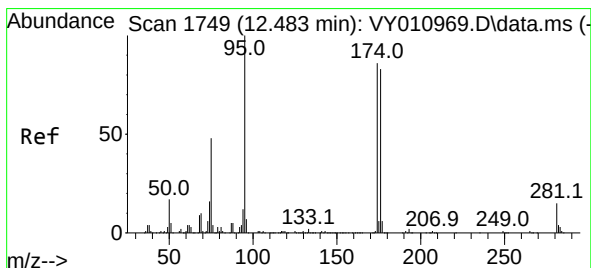
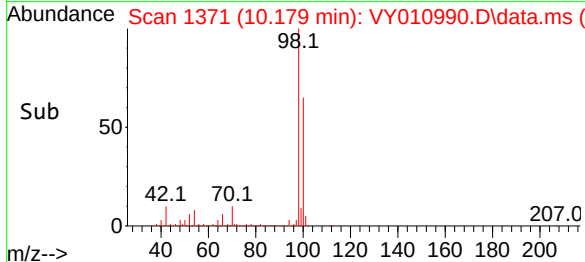
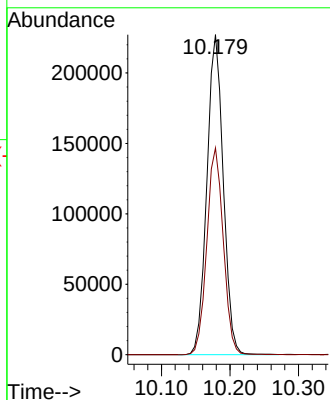
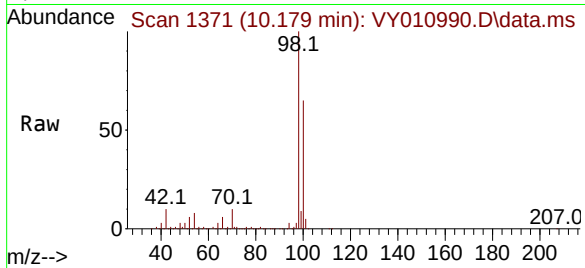




#50
Toluene-d8
Concen: 47.158 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010990.D
Acq: 18 Oct 2022 12:59

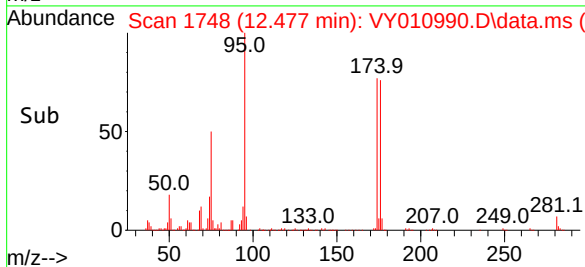
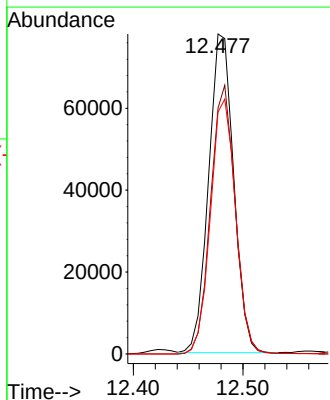
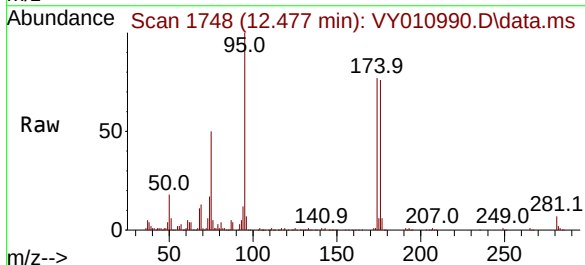
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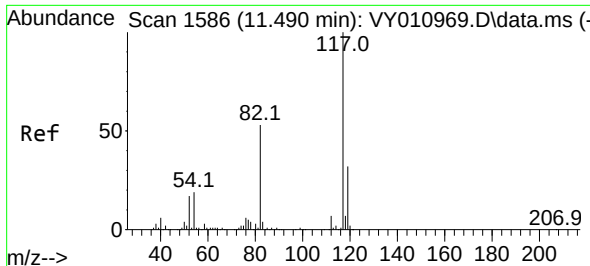
Tgt Ion: 98 Resp: 377478
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.242 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010990.D
Acq: 18 Oct 2022 12:59

Tgt Ion: 95 Resp: 123787
Ion Ratio Lower Upper
95 100
174 83.1 0.0 177.0
176 80.4 0.0 175.8

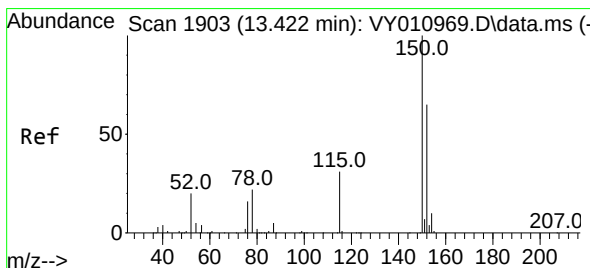
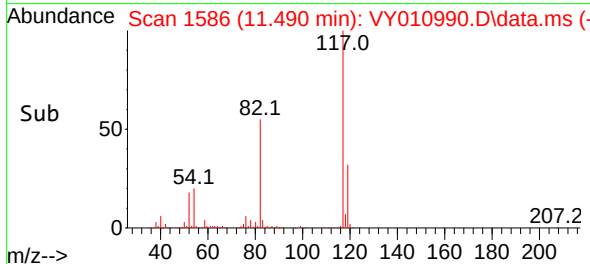
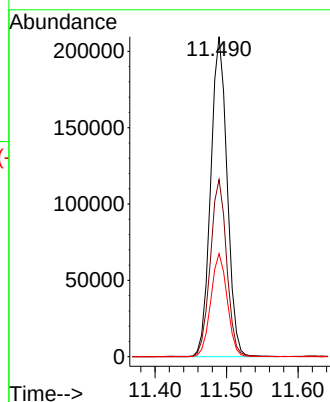
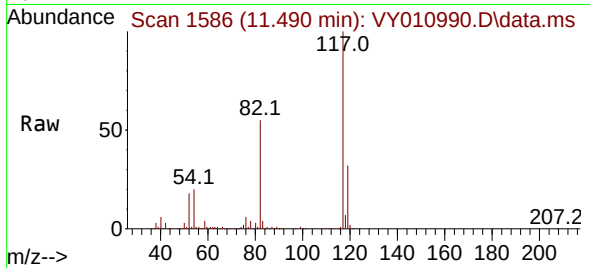




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010990.D
Acq: 18 Oct 2022 12:59

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW5-DUP-20221011

Tgt Ion:117 Resp: 334541
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010990.D
Acq: 18 Oct 2022 12:59

Tgt Ion:152 Resp: 133660
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 157.1 0.0 347.6

