

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013179.D
 Acq On : 03 Apr 2023 16:32
 Operator : KP/MD
 Sample : 02165-04
 Misc : 6.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4B

Quant Time: Apr 03 23:10:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

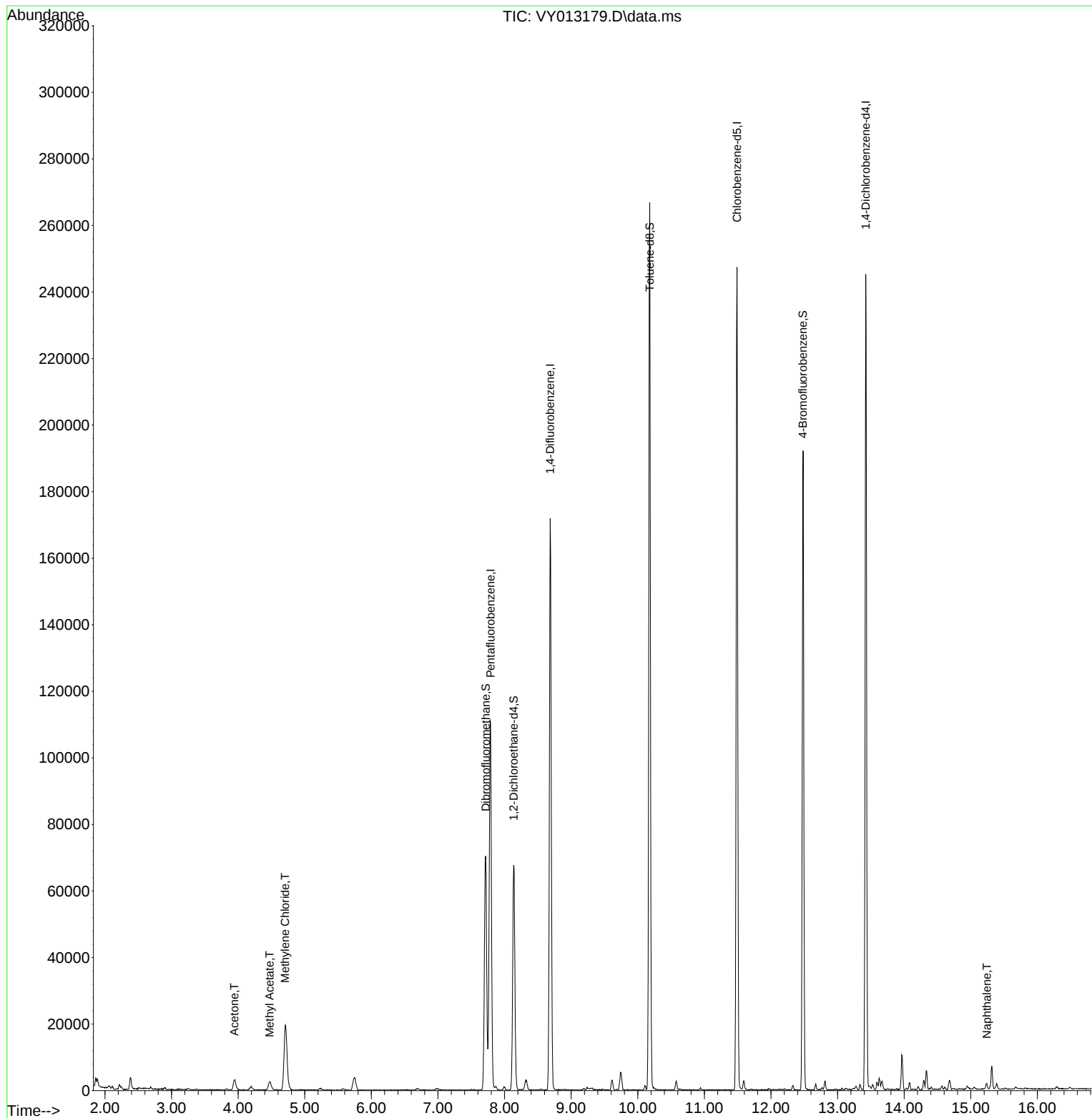
Internal Standards						
1) Pentafluorobenzene	7.789	168	92059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	147403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	136955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	54210	54.794	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.580%	
35) Dibromofluoromethane	7.716	113	49872	51.792	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.580%	
50) Toluene-d8	10.179	98	173955	47.853	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.700%	
62) 4-Bromofluorobenzene	12.477	95	55519	46.920	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.840%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	5776	19.093	ug/l #	88
18) Methyl Acetate	4.473	43	5039	5.286	ug/l #	88
20) Methylene Chloride	4.704	84	15242	10.334	ug/l	85
95) Naphthalene	15.239	128	1880	3.961	ug/l	98

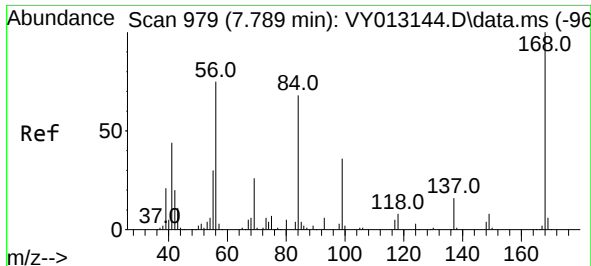
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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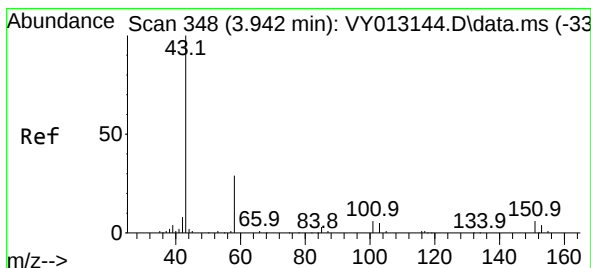
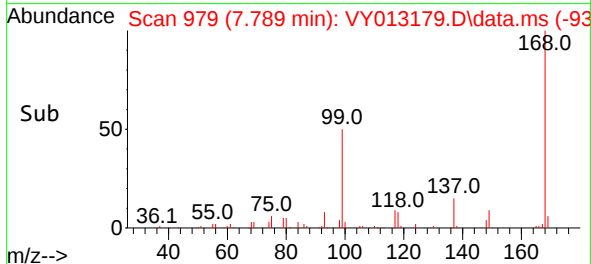
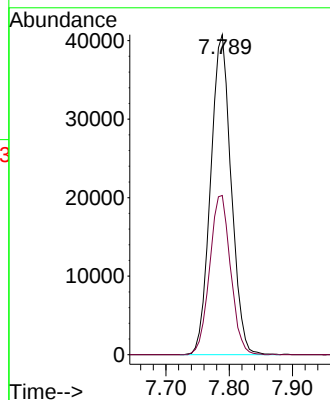
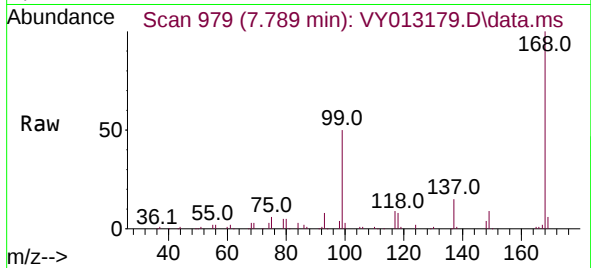




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013179.D
Acq: 03 Apr 2023 16:32

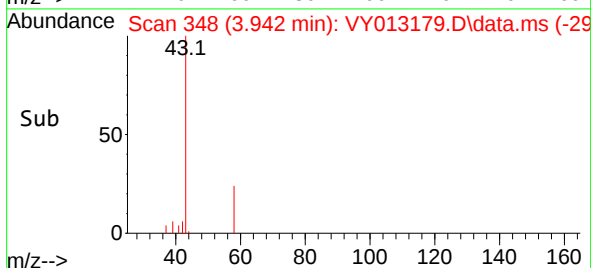
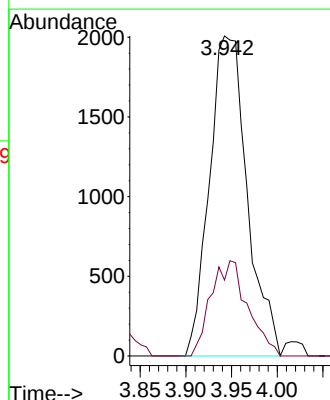
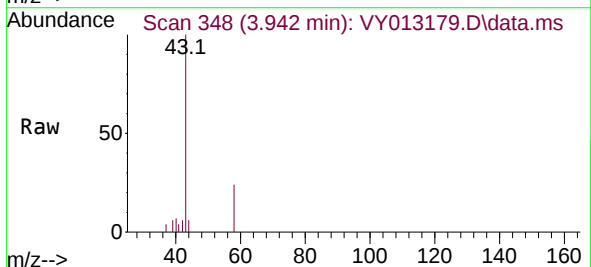
Instrument :
MSVOA_Y
ClientSampleId :
SB-4B

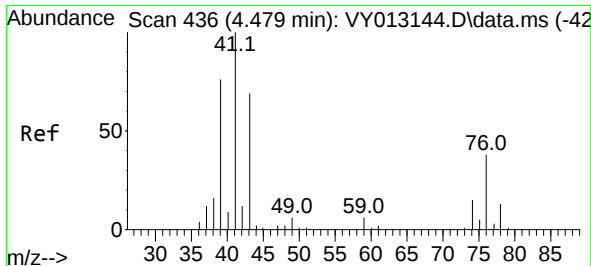
Tgt Ion:168 Resp: 92059
Ion Ratio Lower Upper
168 100
99 49.8 41.7 62.5



#16
Acetone
Concen: 19.093 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013179.D
Acq: 03 Apr 2023 16:32

Tgt Ion: 43 Resp: 5776
Ion Ratio Lower Upper
43 100
58 23.7 24.2 36.2#

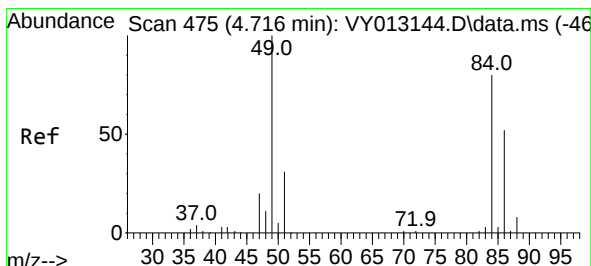
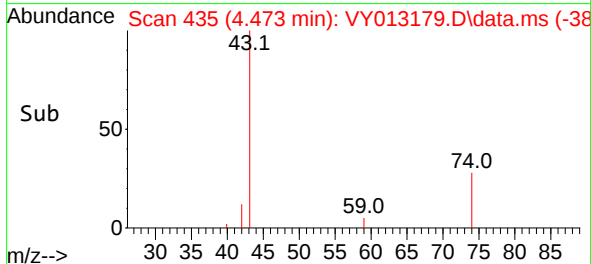
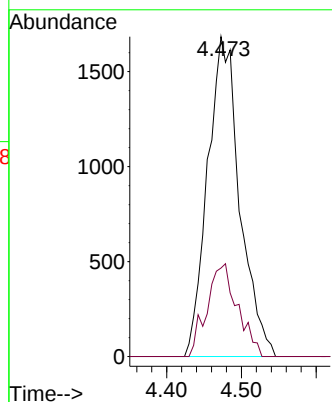
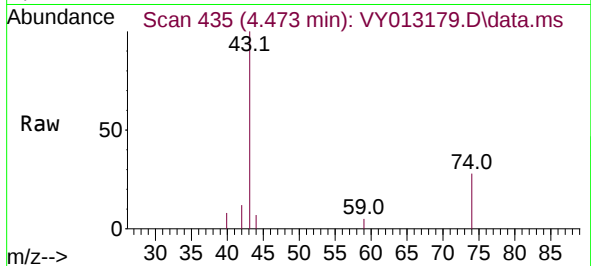




#18
Methyl Acetate
Concen: 5.286 ug/l
RT: 4.473 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013179.D
Acq: 03 Apr 2023 16:32

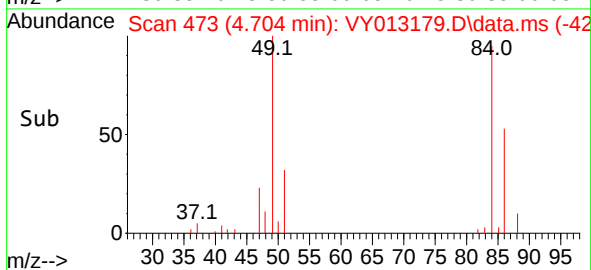
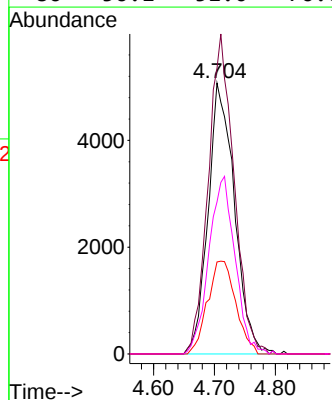
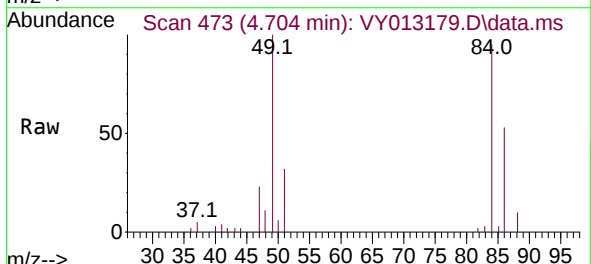
Instrument :
MSVOA_Y
ClientSampleId :
SB-4B

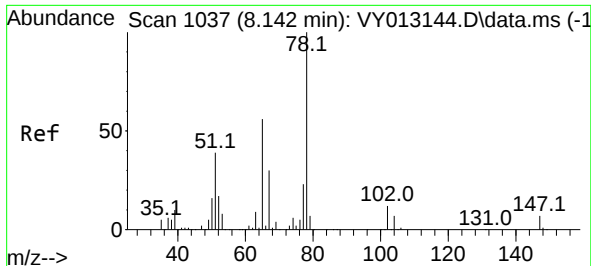
Tgt Ion: 43 Resp: 5039
Ion Ratio Lower Upper
43 100
74 27.5 17.4 26.0#



#20
Methylene Chloride
Concen: 10.334 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY013179.D
Acq: 03 Apr 2023 16:32

Tgt Ion: 84 Resp: 15242
Ion Ratio Lower Upper
84 100
49 105.5 102.6 154.0
51 34.0 31.9 47.9
86 56.1 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 54.794 ug/l

RT: 8.137 min Scan# 110

Delta R.T. -0.005 min

Lab File: VY013179.D

Acq: 03 Apr 2023 16:32

Instrument :

MSVOA_Y

ClientSampleId :

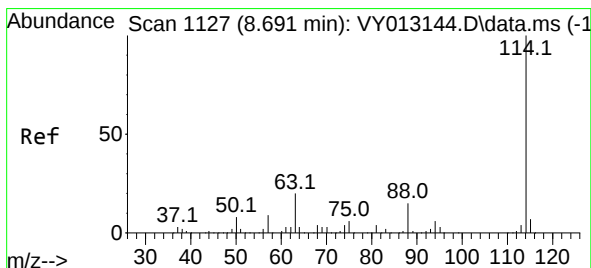
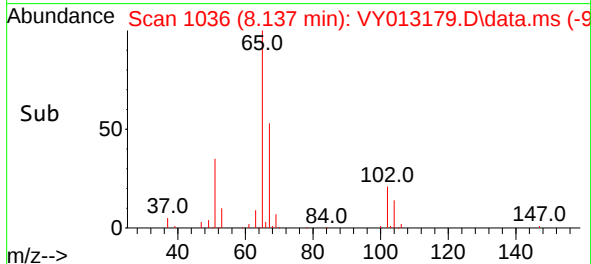
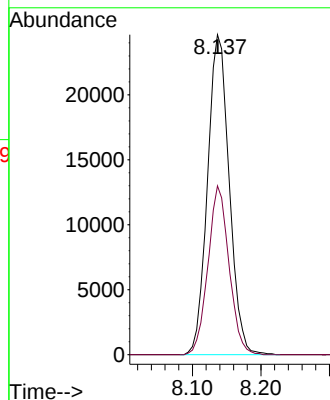
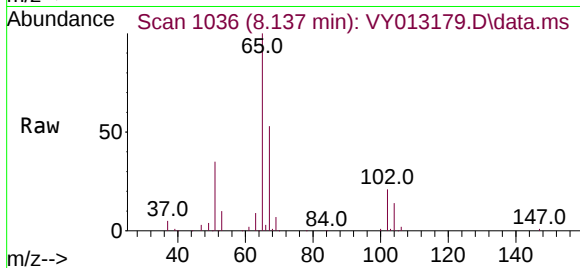
SB-4B

Tgt Ion: 65 Resp: 54210

Ion Ratio Lower Upper

65 100

67 51.2 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: VY013179.D

Acq: 03 Apr 2023 16:32

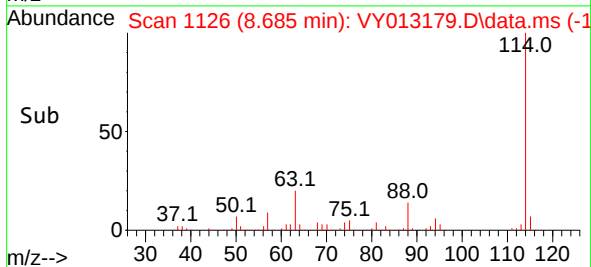
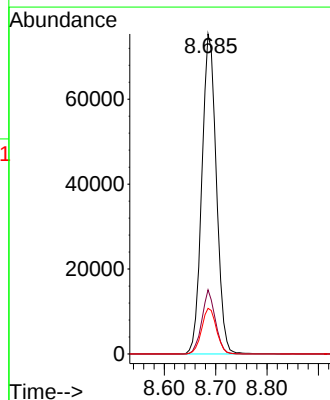
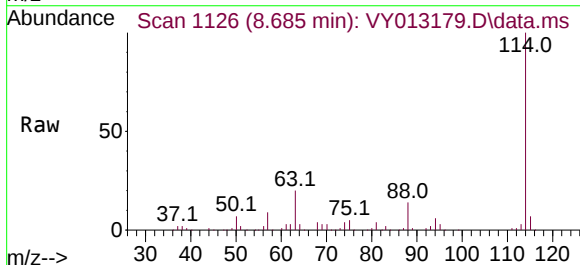
Tgt Ion: 114 Resp: 147403

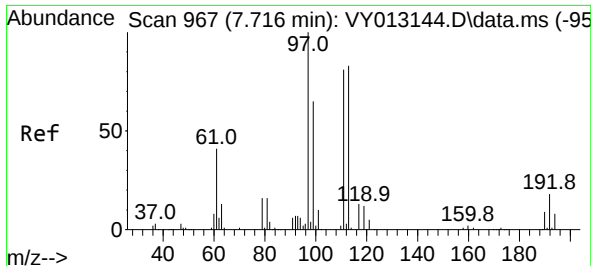
Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 14.3 0.0 28.6

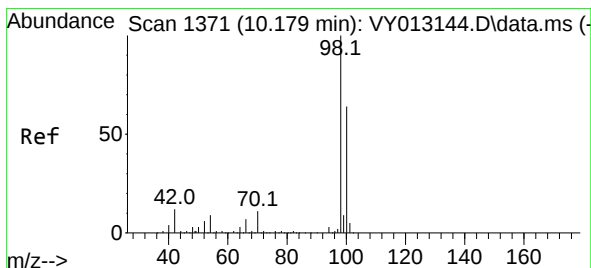
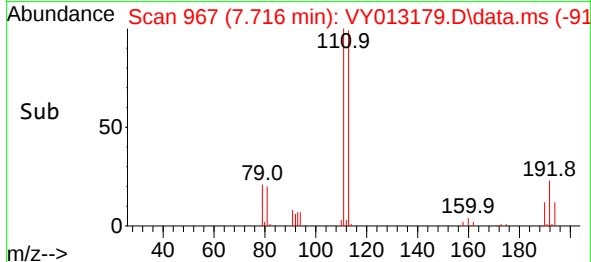
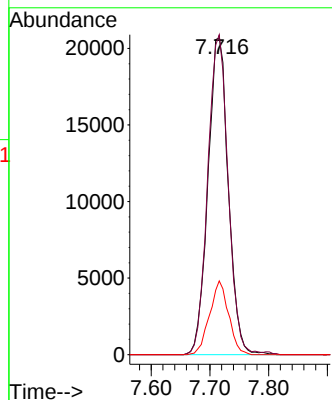
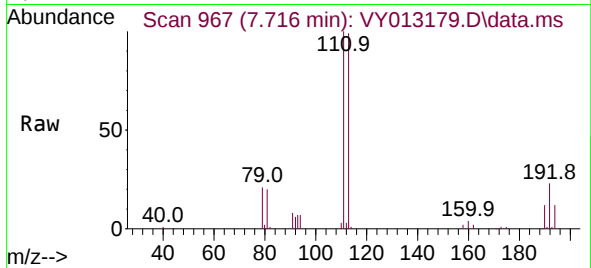




#35
Dibromofluoromethane
Concen: 51.792 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013179.D
Acq: 03 Apr 2023 16:32

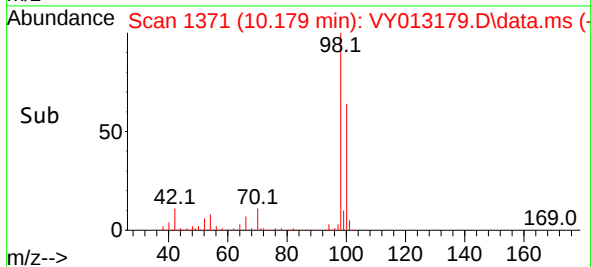
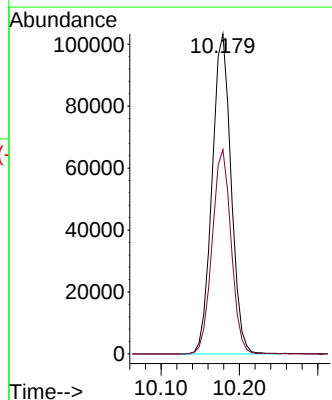
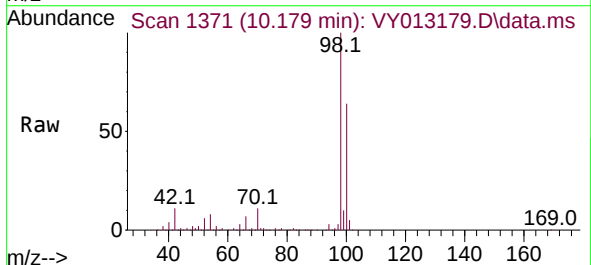
Instrument :
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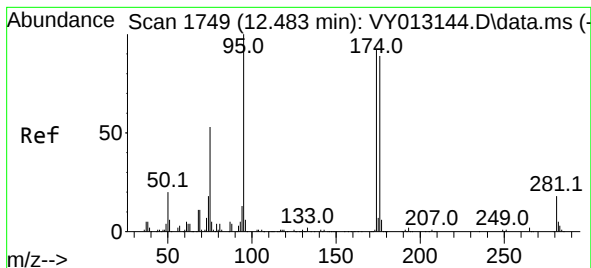
Tgt Ion:113 Resp: 49872
Ion Ratio Lower Upper
113 100
111 100.8 82.2 123.2
192 21.7 16.8 25.2



#50
Toluene-d8
Concen: 47.853 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013179.D
Acq: 03 Apr 2023 16:32

Tgt Ion: 98 Resp: 173955
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3

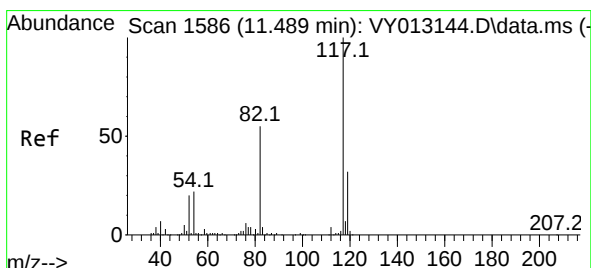
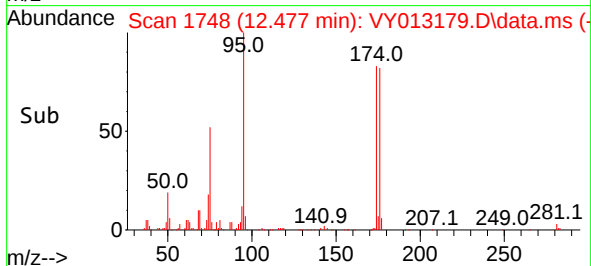
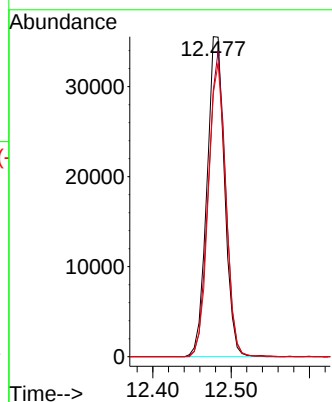
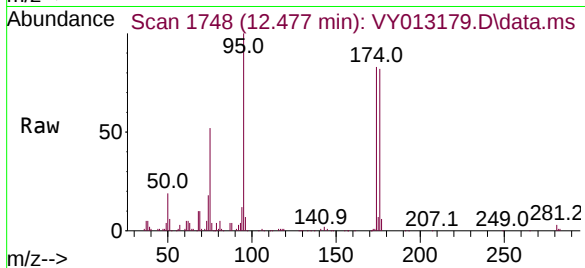




#62
4-Bromofluorobenzene
Concen: 46.920 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013179.D
Acq: 03 Apr 2023 16:32

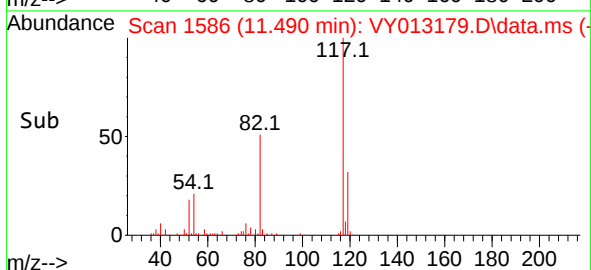
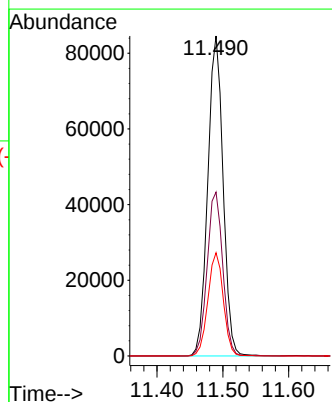
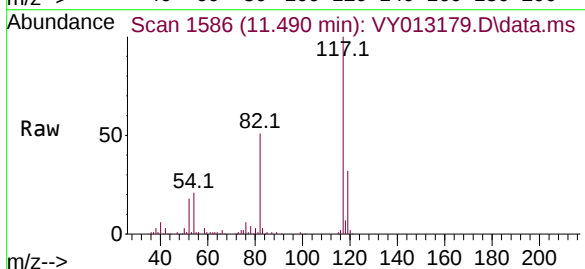
Instrument :
MSVOA_Y
ClientSampleId :
SB-4B

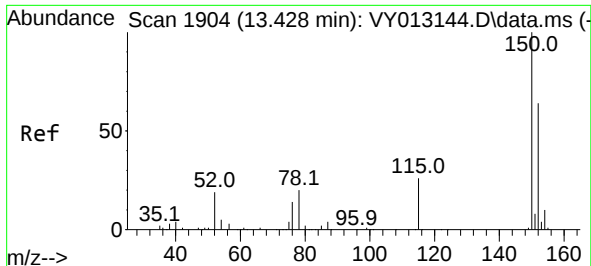
Tgt Ion: 95 Resp: 55519
Ion Ratio Lower Upper
95 100
174 93.8 0.0 176.6
176 91.0 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013179.D
Acq: 03 Apr 2023 16:32

Tgt Ion: 117 Resp: 136955
Ion Ratio Lower Upper
117 100
82 51.2 45.4 68.0
119 32.3 25.6 38.4

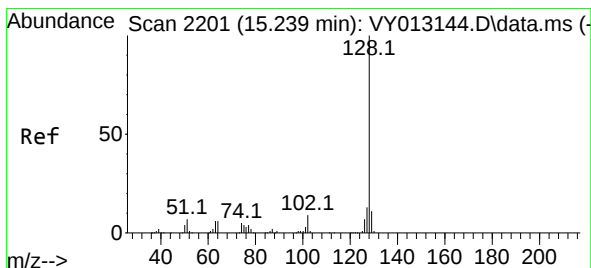
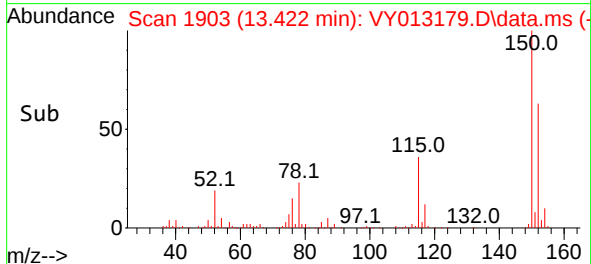
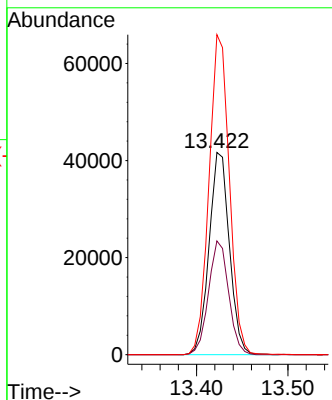
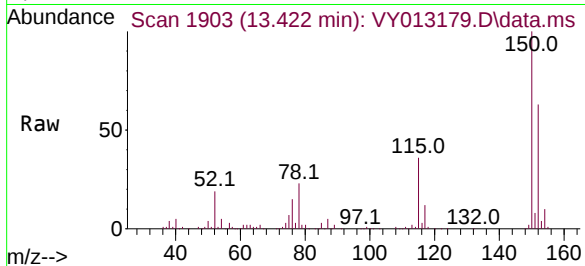




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY013179.D
Acq: 03 Apr 2023 16:32

Instrument :
MSVOA_Y
ClientSampleId :
SB-4B

Tgt Ion:152 Resp: 64417
Ion Ratio Lower Upper
152 100
115 55.8 27.1 81.3
150 158.6 0.0 347.8



#95
Naphthalene
Concen: 3.961 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY013179.D
Acq: 03 Apr 2023 16:32

Tgt Ion:128 Resp: 1880
Ion Ratio Lower Upper
128 100
127 13.8 10.3 15.5
129 11.4 8.6 13.0

