

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013175.D
 Acq On : 03 Apr 2023 14:58
 Operator : KP/MD
 Sample : 02163-06
 Misc : 5.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6A

Quant Time: Apr 03 23:09:08 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)

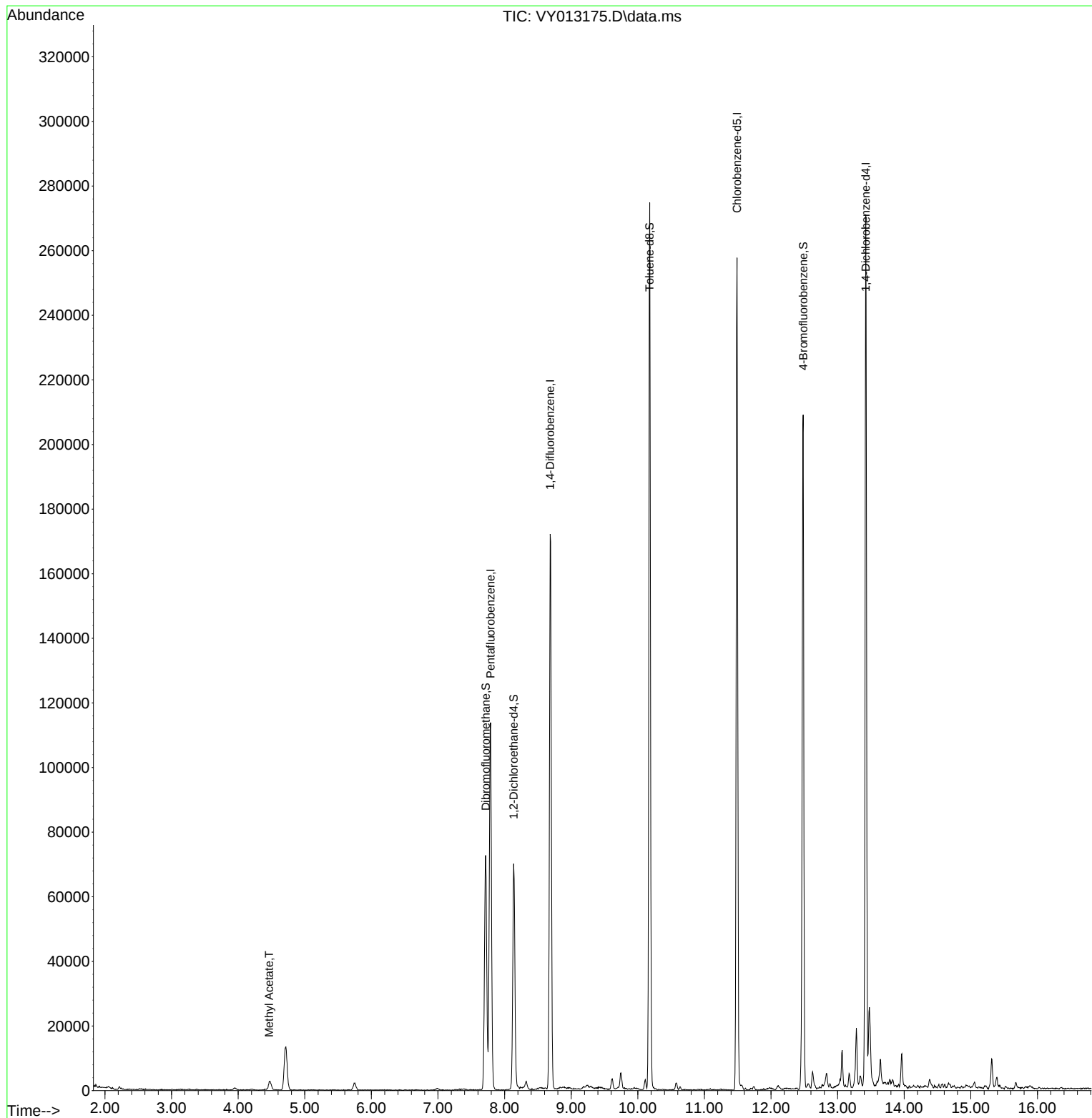
Internal Standards						
1) Pentafluorobenzene	7.789	168	92307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	149680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	141243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	70421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55139	55.583	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.160%	
35) Dibromofluoromethane	7.716	113	50238	51.378	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.760%	
50) Toluene-d8	10.179	98	177343	48.042	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.080%	
62) 4-Bromofluorobenzene	12.483	95	60187	50.091	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.180%	
Target Compounds						
18) Methyl Acetate	4.466	43	5671	5.933	ug/l	98

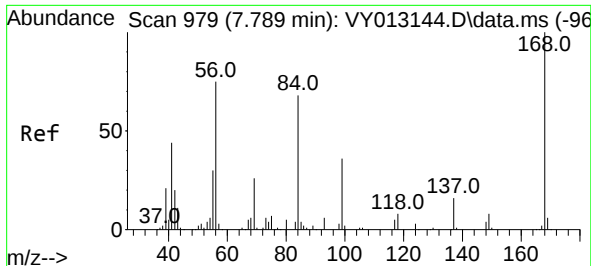
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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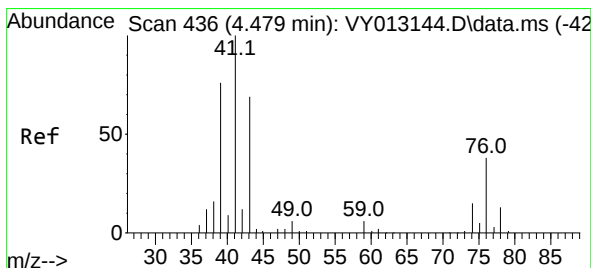
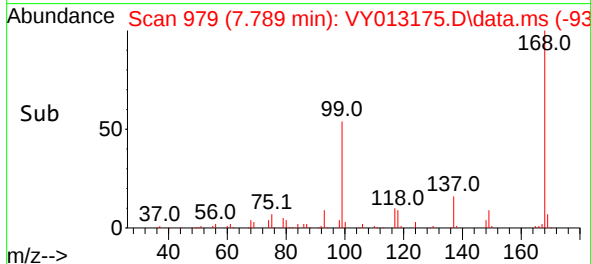
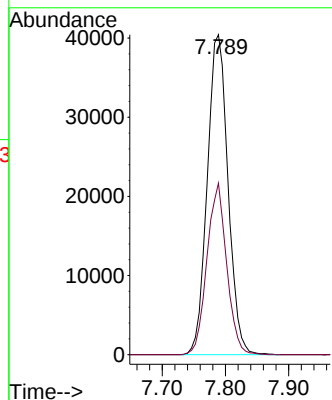
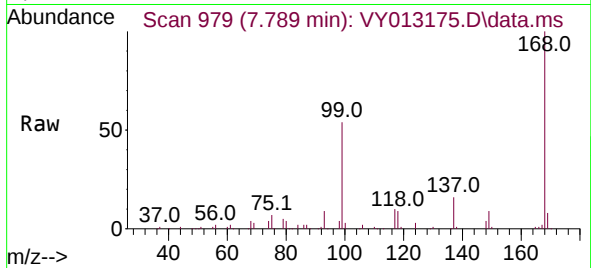




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013175.D
Acq: 03 Apr 2023 14:58

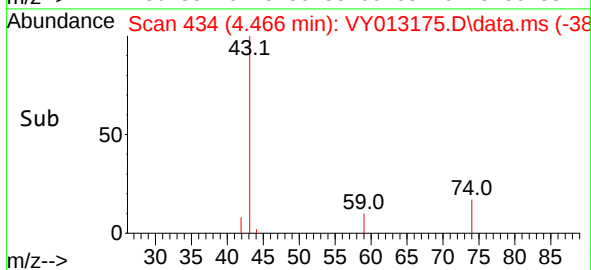
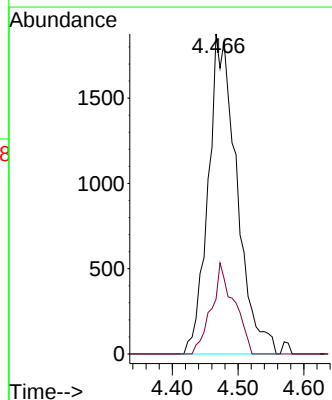
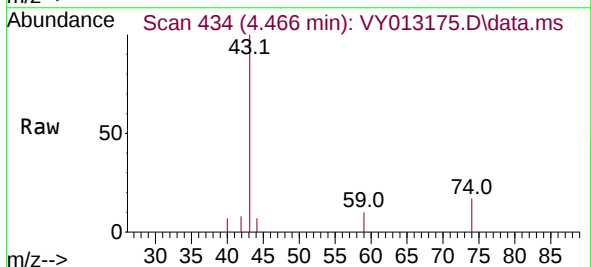
Instrument :
MSVOA_Y
ClientSampleId :
SB-6A

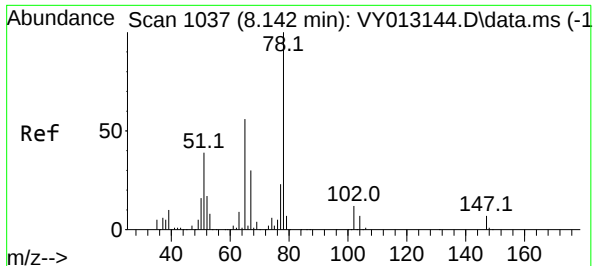
Tgt Ion:168 Resp: 92307
Ion Ratio Lower Upper
168 100
99 53.6 41.7 62.5



#18
Methyl Acetate
Concen: 5.933 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.013 min
Lab File: VY013175.D
Acq: 03 Apr 2023 14:58

Tgt Ion: 43 Resp: 5671
Ion Ratio Lower Upper
43 100
74 22.7 17.4 26.0





#33

1,2-Dichloroethane-d4

Concen: 55.583 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013175.D

Acq: 03 Apr 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

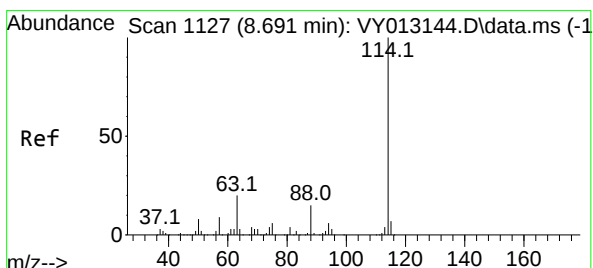
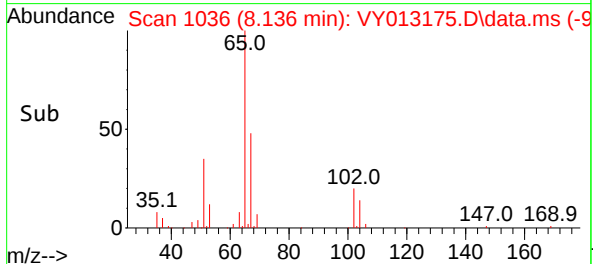
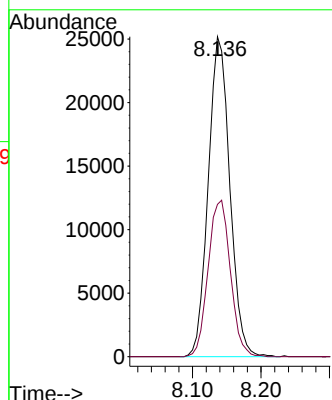
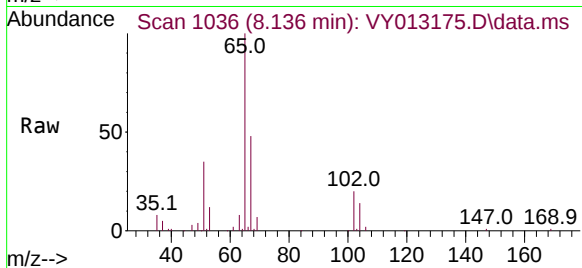
SB-6A

Tgt Ion: 65 Resp: 55139

Ion Ratio Lower Upper

65 100

67 50.5 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: VY013175.D

Acq: 03 Apr 2023 14:58

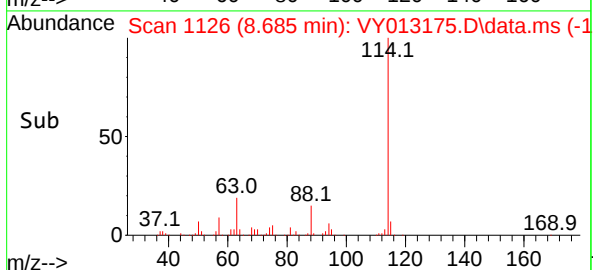
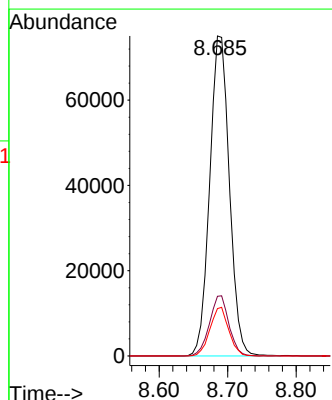
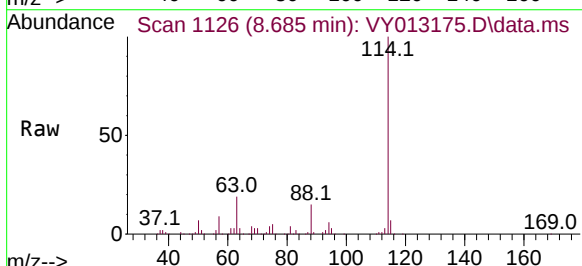
Tgt Ion: 114 Resp: 149680

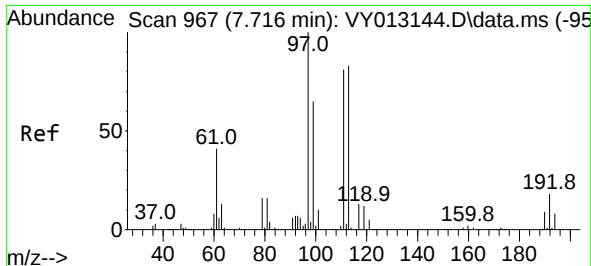
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

88 14.8 0.0 28.6

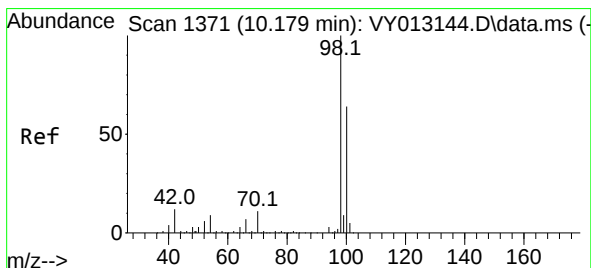
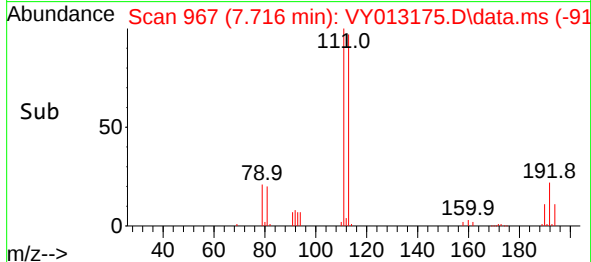
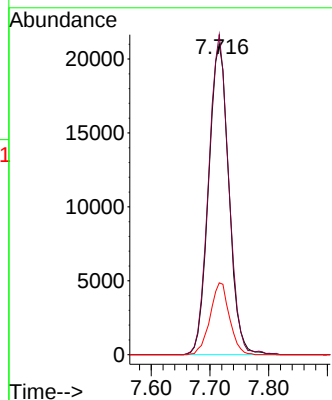
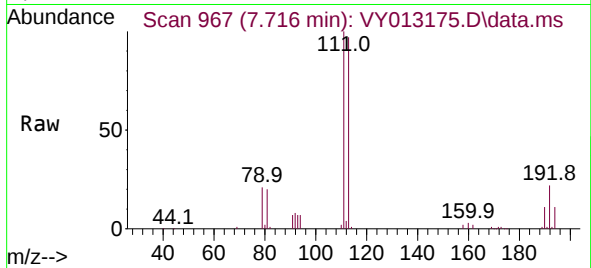




#35
Dibromofluoromethane
Concen: 51.378 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013175.D
Acq: 03 Apr 2023 14:58

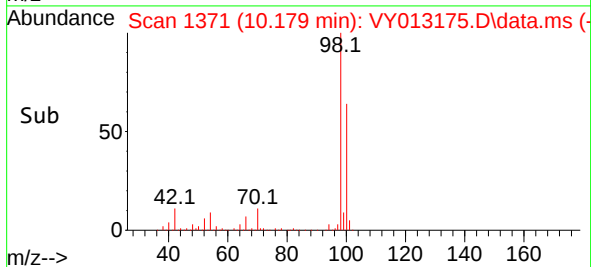
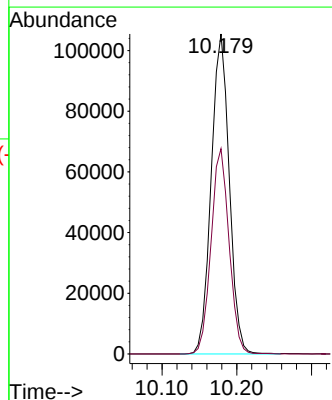
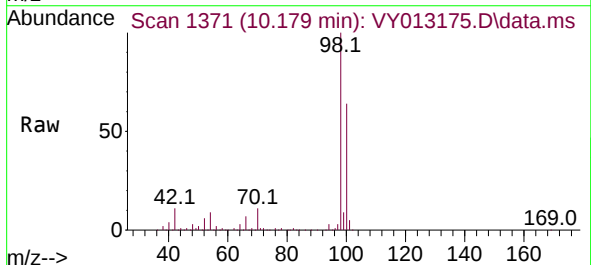
Instrument :
MSVOA_Y
ClientSampleId :
SB-6A

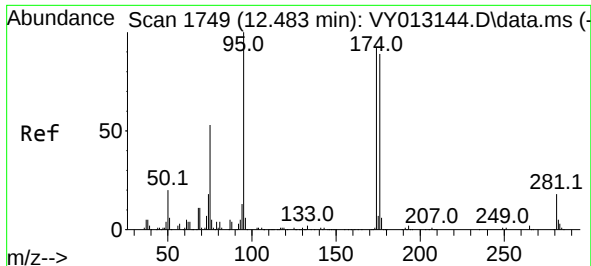
Tgt Ion:113 Resp: 50238
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 22.1 16.8 25.2



#50
Toluene-d8
Concen: 48.042 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013175.D
Acq: 03 Apr 2023 14:58

Tgt Ion: 98 Resp: 177343
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3

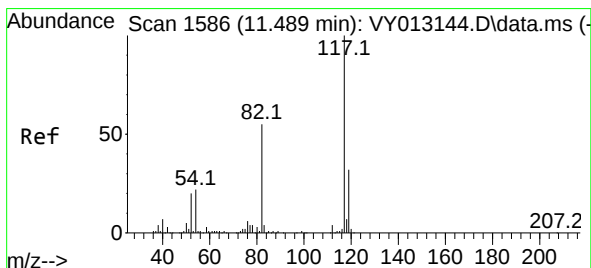
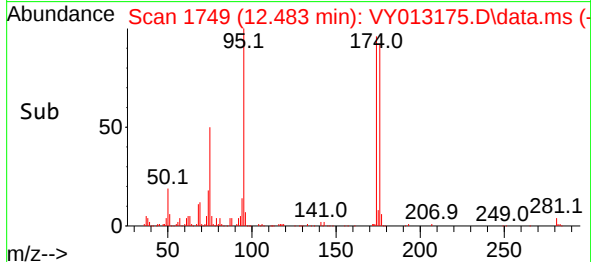
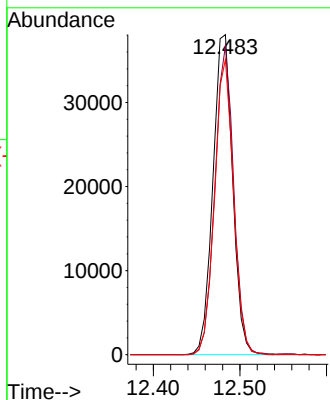
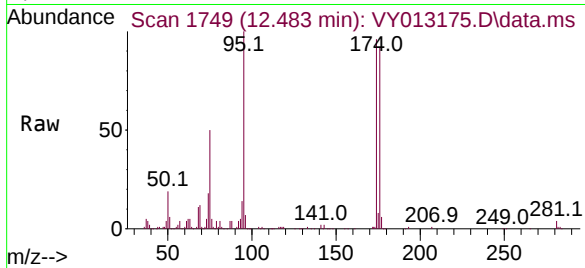




#62
4-Bromofluorobenzene
Concen: 50.091 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013175.D
Acq: 03 Apr 2023 14:58

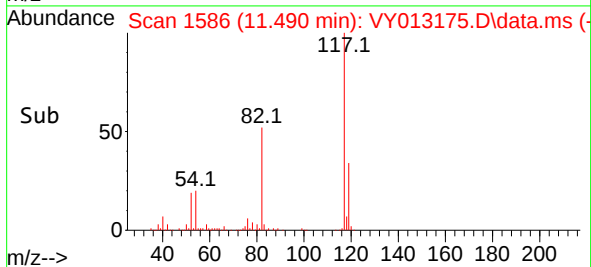
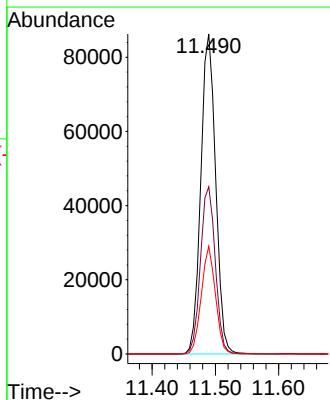
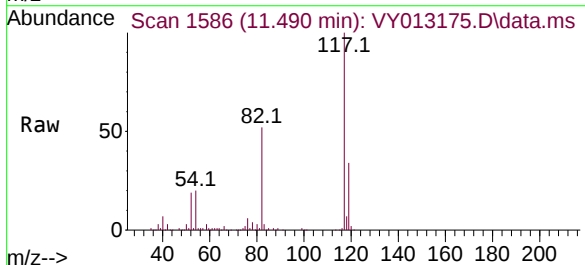
Instrument :
MSVOA_Y
ClientSampleId :
SB-6A

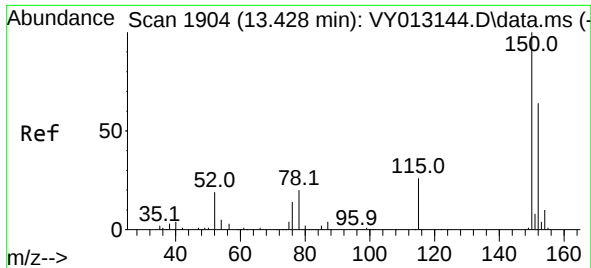
Tgt Ion: 95 Resp: 60187
Ion Ratio Lower Upper
95 100
174 92.2 0.0 176.6
176 88.7 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013175.D
Acq: 03 Apr 2023 14:58

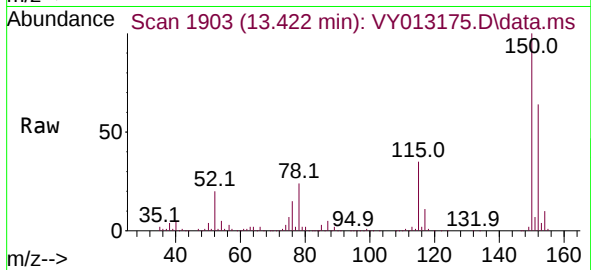
Tgt Ion: 117 Resp: 141243
Ion Ratio Lower Upper
117 100
82 52.2 45.4 68.0
119 33.7 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY013175.D
 Acq: 03 Apr 2023 14:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6A



Tgt Ion:152 Resp: 70421
 Ion Ratio Lower Upper
 152 100
 115 55.4 27.1 81.3
 150 157.6 0.0 347.8

