

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032923\
 Data File : VY013133.D
 Acq On : 29 Mar 2023 16:35
 Operator : KP/MD
 Sample : 02126-01
 Misc : 5.46g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RS-A

Quant Time: Mar 29 23:33:12 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)

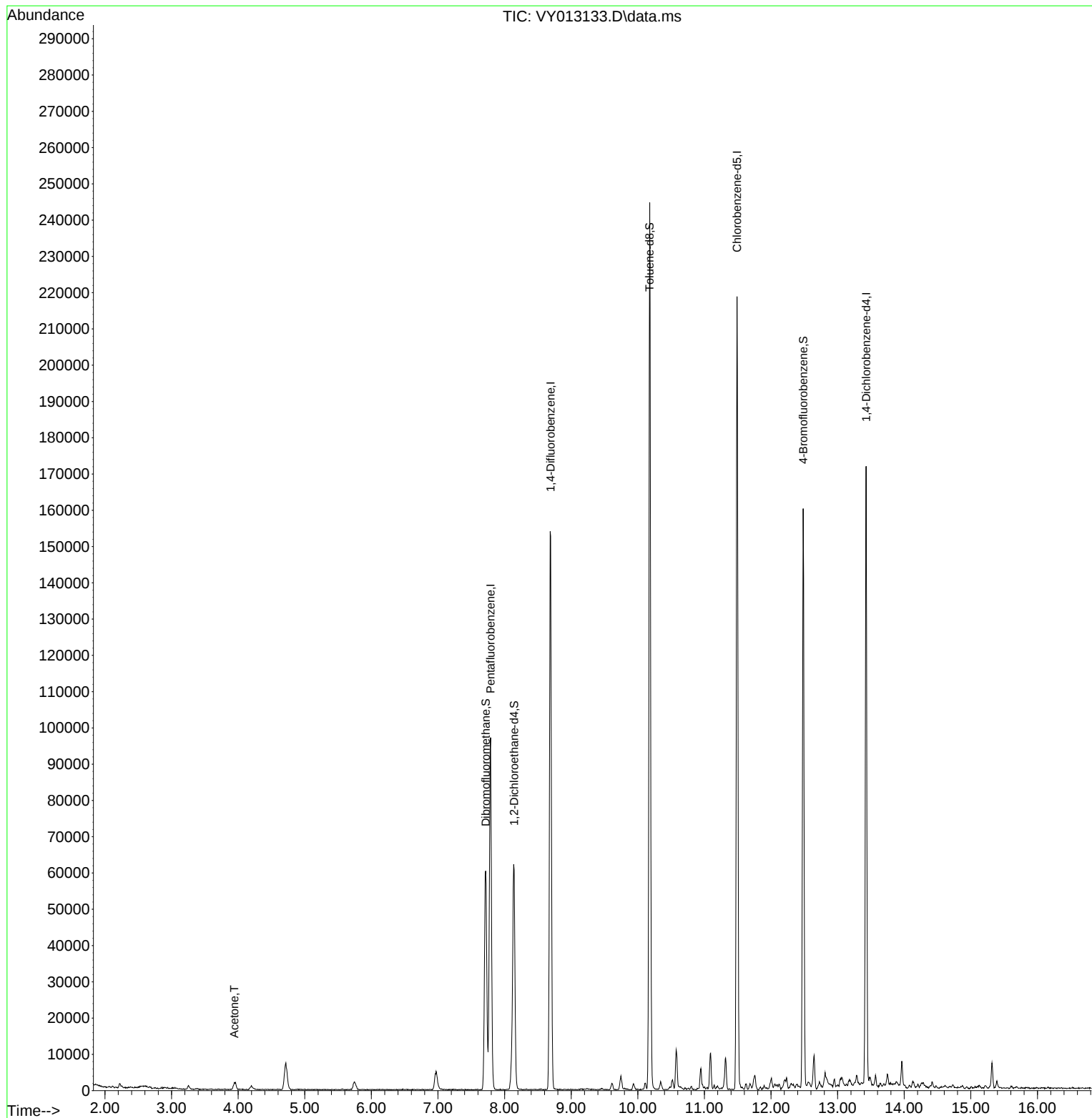
Internal Standards						
1) Pentafluorobenzene	7.789	168	71872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	126188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	115085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	42455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	46179	64.713	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.420%	
35) Dibromofluoromethane	7.716	113	43087	56.579	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.160%	
50) Toluene-d8	10.179	98	150539	54.072	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.140%	
62) 4-Bromofluorobenzene	12.483	95	42247	44.959	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.920%	
Target Compounds						
16) Acetone	3.942	43	3846	13.731	ug/l	Qvalue 89

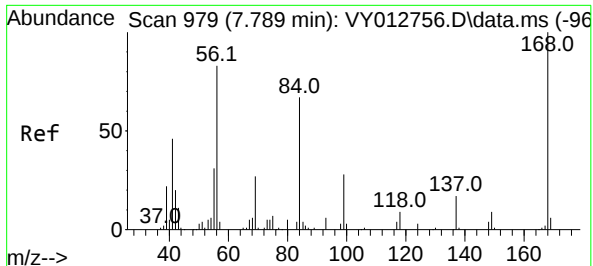
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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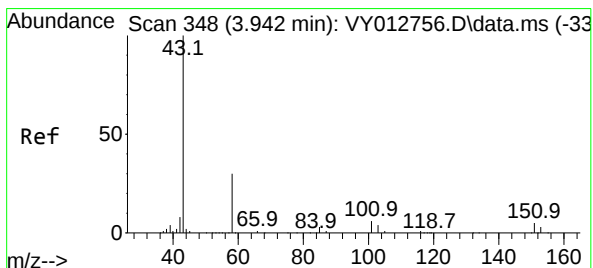
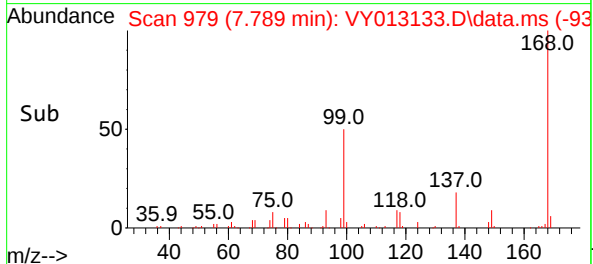
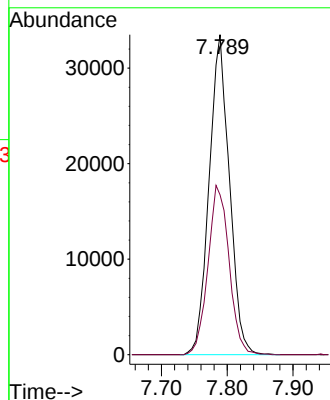
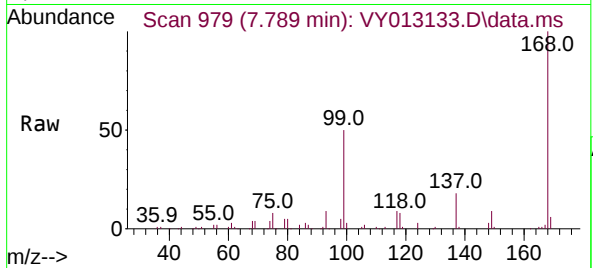




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013133.D
Acq: 29 Mar 2023 16:35

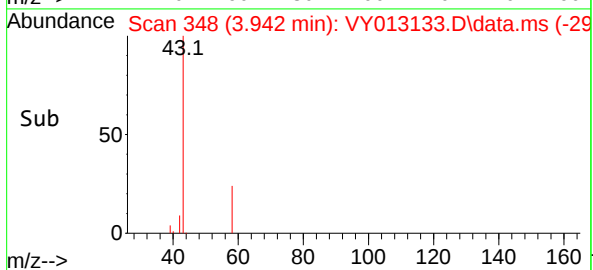
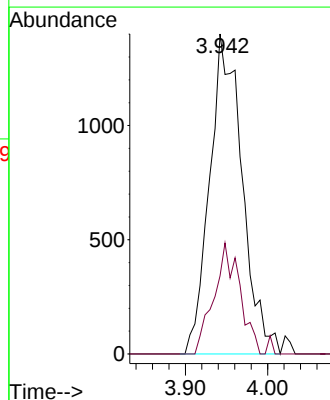
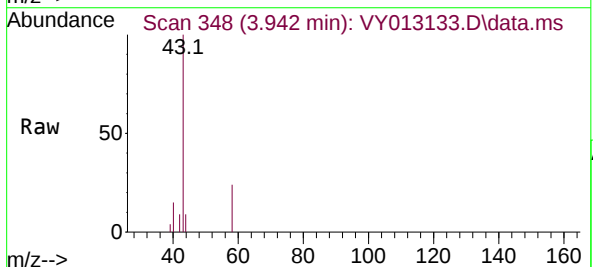
Instrument :
MSVOA_Y
ClientSampleId :
RS-A

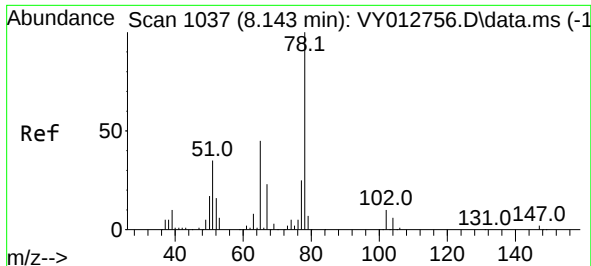
Tgt Ion:168 Resp: 71872
Ion Ratio Lower Upper
168 100
99 49.9 41.7 62.5



#16
Acetone
Concen: 13.731 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013133.D
Acq: 29 Mar 2023 16:35

Tgt Ion: 43 Resp: 3846
Ion Ratio Lower Upper
43 100
58 24.4 24.2 36.2





#33

1,2-Dichloroethane-d4

Concen: 64.713 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY013133.D

Acq: 29 Mar 2023 16:35

Instrument :

MSVOA_Y

ClientSampleId :

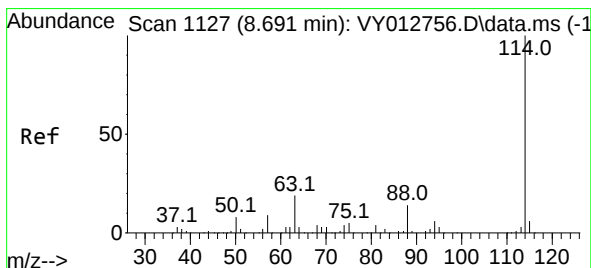
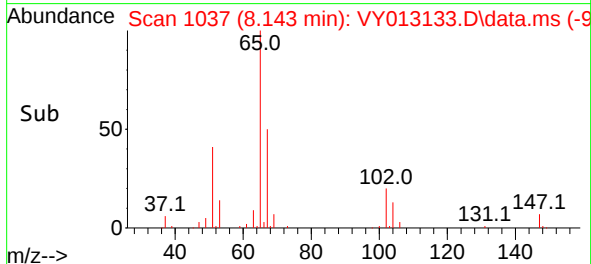
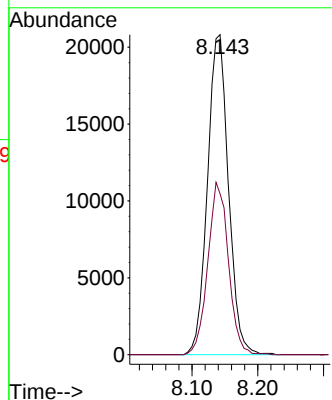
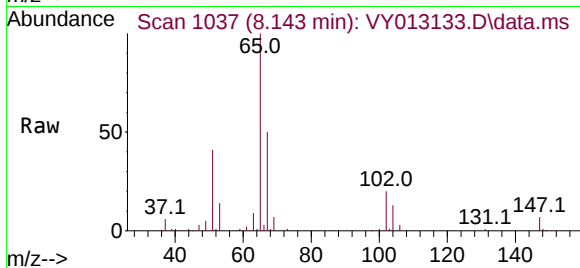
RS-A

Tgt Ion: 65 Resp: 46179

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY013133.D

Acq: 29 Mar 2023 16:35

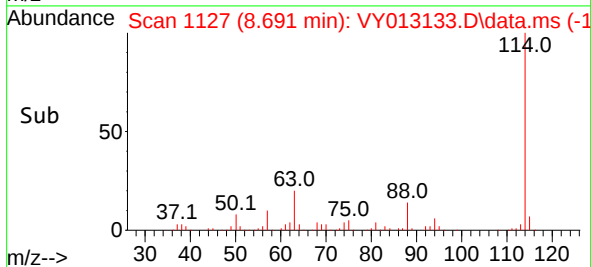
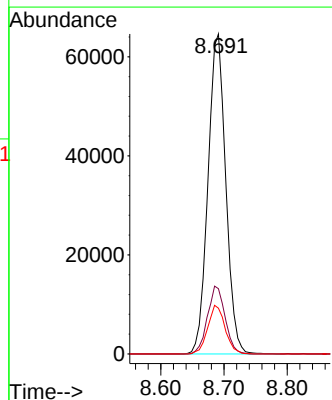
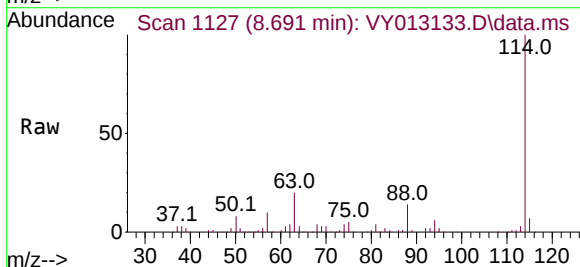
Tgt Ion: 114 Resp: 126188

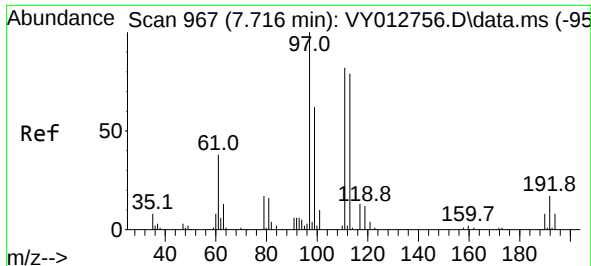
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 14.3 0.0 28.6

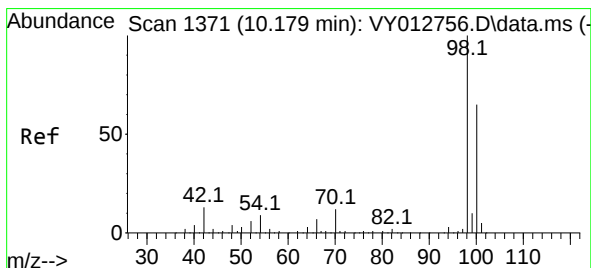
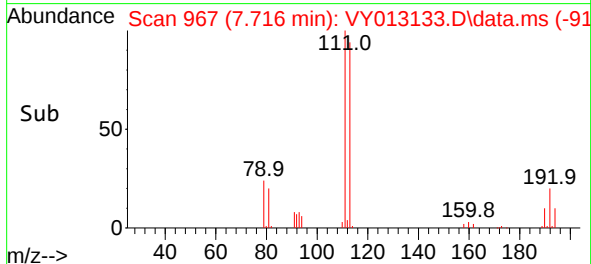
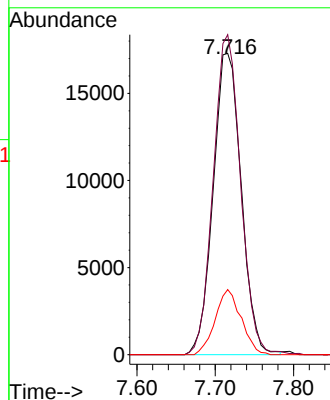
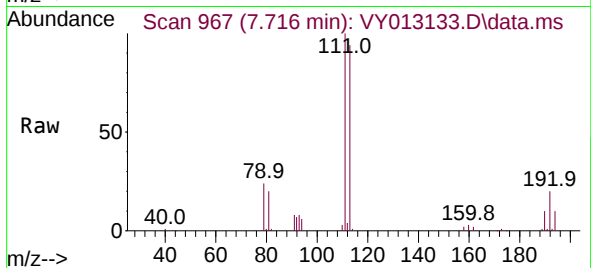




#35
Dibromofluoromethane
Concen: 56.579 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY013133.D
Acq: 29 Mar 2023 16:35

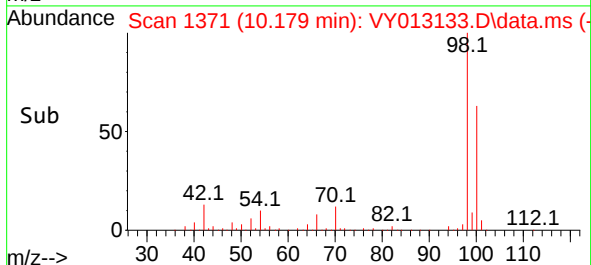
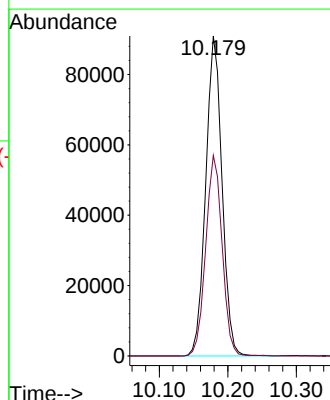
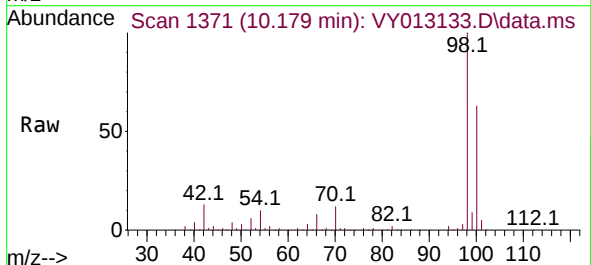
Instrument :
MSVOA_Y
ClientSampleId :
RS-A

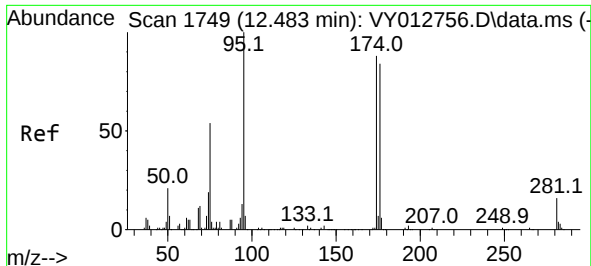
Tgt Ion:113 Resp: 43087
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 20.0 16.8 25.2



#50
Toluene-d8
Concen: 54.072 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013133.D
Acq: 29 Mar 2023 16:35

Tgt Ion: 98 Resp: 150539
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3

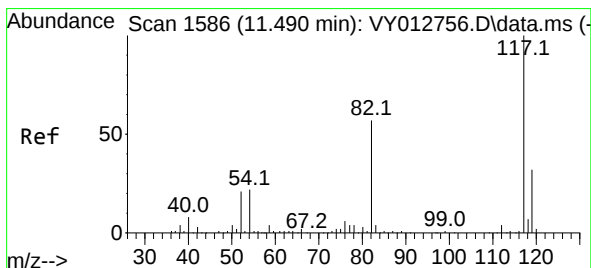
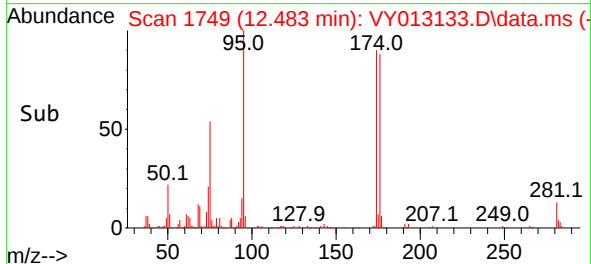
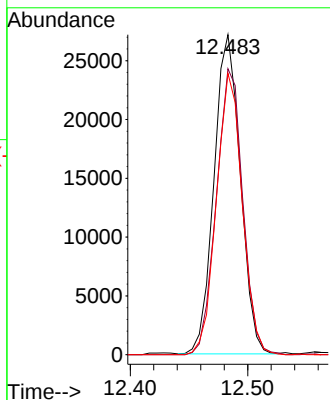
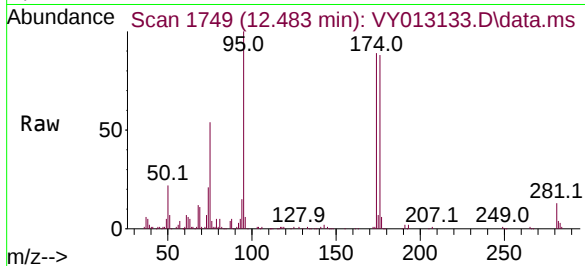




#62
4-Bromofluorobenzene
Concen: 44.959 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013133.D
Acq: 29 Mar 2023 16:35

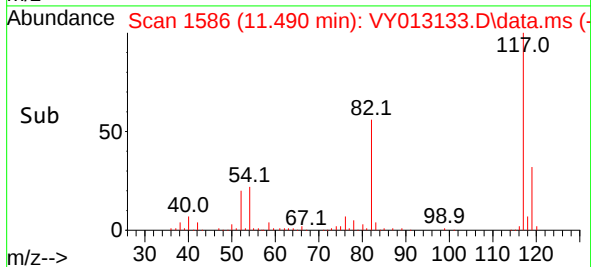
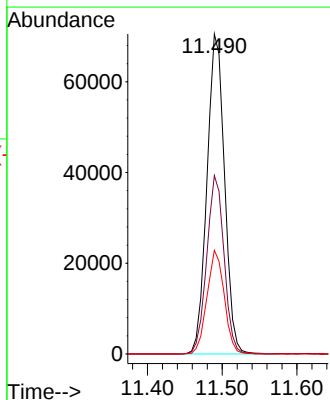
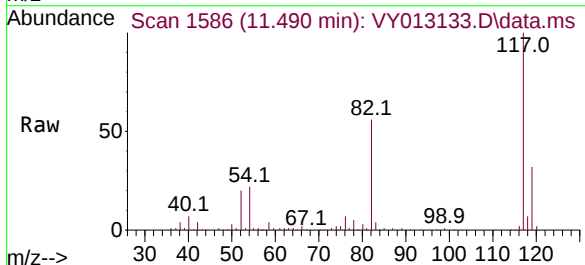
Instrument :
MSVOA_Y
ClientSampleId :
RS-A

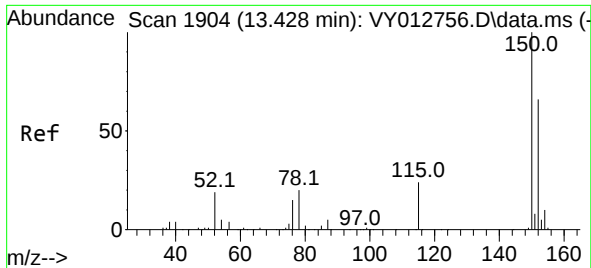
Tgt Ion: 95 Resp: 42247
Ion Ratio Lower Upper
95 100
174 89.8 0.0 176.6
176 86.5 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013133.D
Acq: 29 Mar 2023 16:35

Tgt Ion: 117 Resp: 115085
Ion Ratio Lower Upper
117 100
82 55.7 45.4 68.0
119 32.4 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY013133.D
 Acq: 29 Mar 2023 16:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 RS-A

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	27.1	81.3
150	154.5	0.0	347.8

