

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032923\
 Data File : VY013134.D
 Acq On : 29 Mar 2023 16:59
 Operator : KP/MD
 Sample : 02126-02
 Misc : 5.31g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RS-B

Quant Time: Mar 29 23:33:28 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)

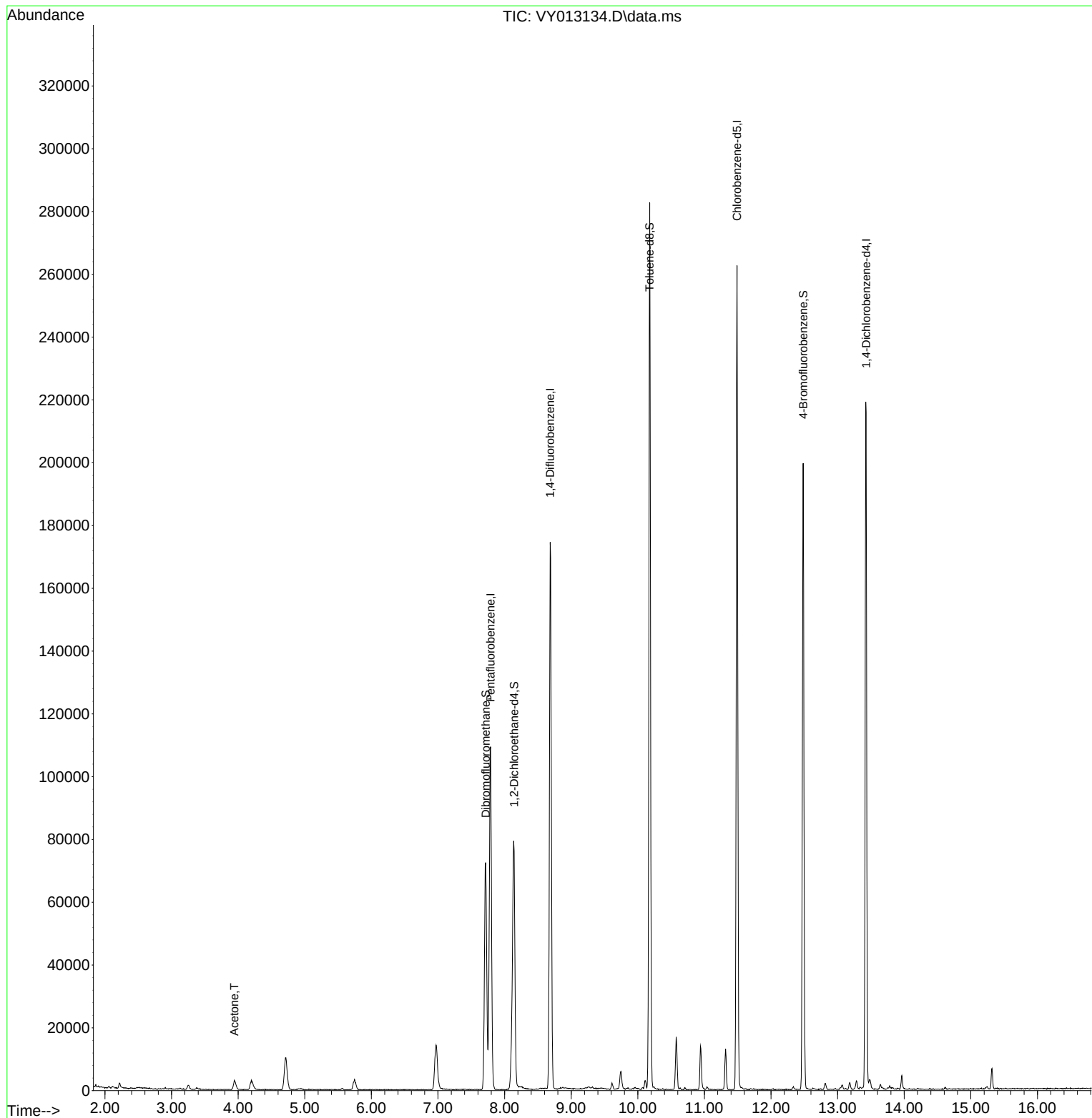
Internal Standards						
1) Pentafluorobenzene	7.789	168	83954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	145499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	133609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	57112	68.516	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.040%	
35) Dibromofluoromethane	7.716	113	51300	58.423	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.840%	
50) Toluene-d8	10.179	98	175235	54.589	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.180%	
62) 4-Bromofluorobenzene	12.483	95	52014	48.006	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.020%	
Target Compounds						
16) Acetone	3.942	43	5144	15.722	ug/l	Qvalue 91

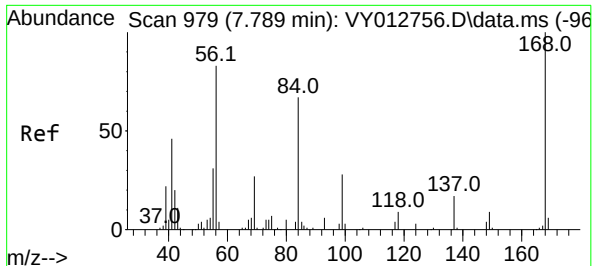
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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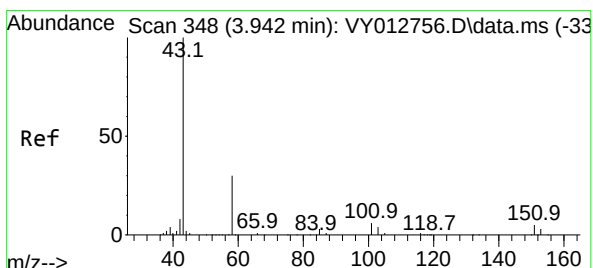
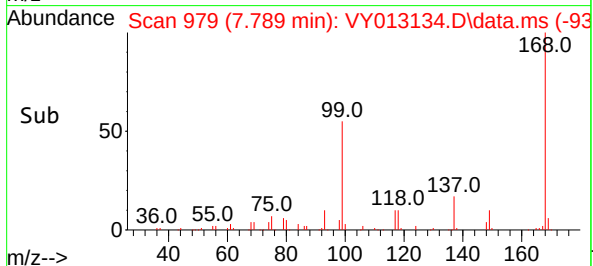
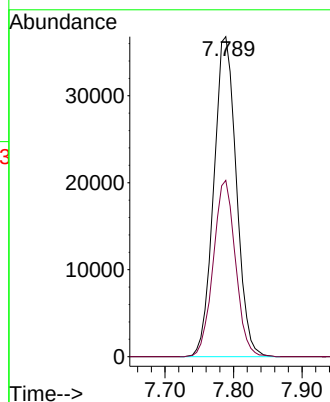
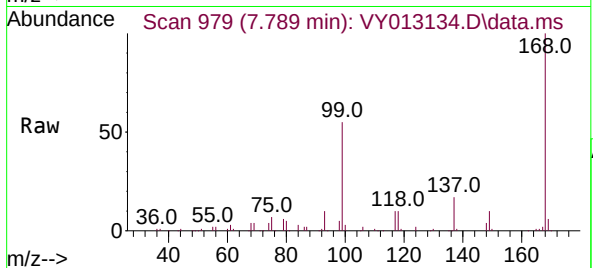




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013134.D
Acq: 29 Mar 2023 16:59

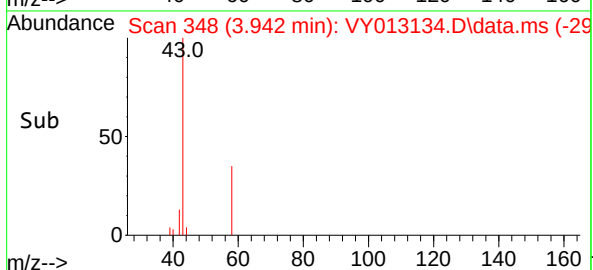
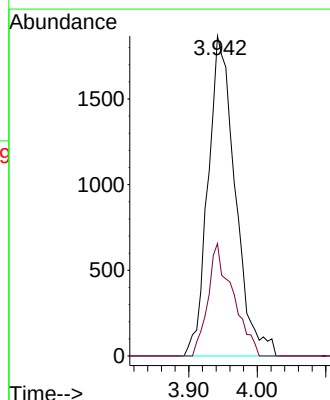
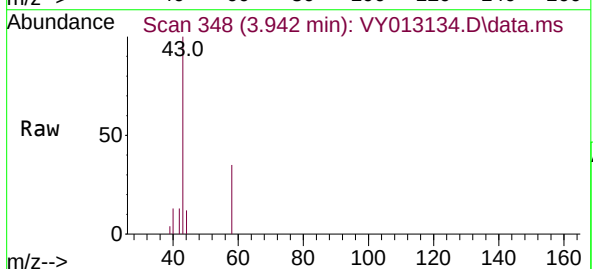
Instrument :
MSVOA_Y
ClientSampleId :
RS-B

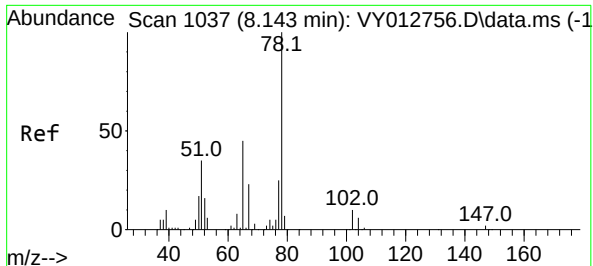
Tgt Ion:168 Resp: 83954
Ion Ratio Lower Upper
168 100
99 55.1 41.7 62.5



#16
Acetone
Concen: 15.722 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY013134.D
Acq: 29 Mar 2023 16:59

Tgt Ion: 43 Resp: 5144
Ion Ratio Lower Upper
43 100
58 35.2 24.2 36.2





#33

1,2-Dichloroethane-d4

Concen: 68.516 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY013134.D

Acq: 29 Mar 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

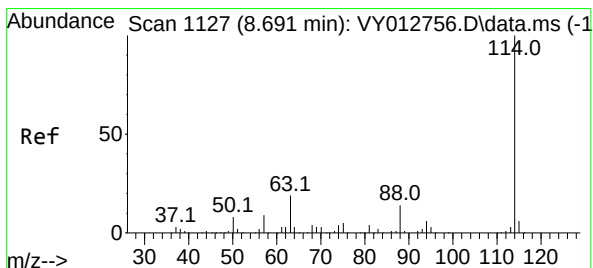
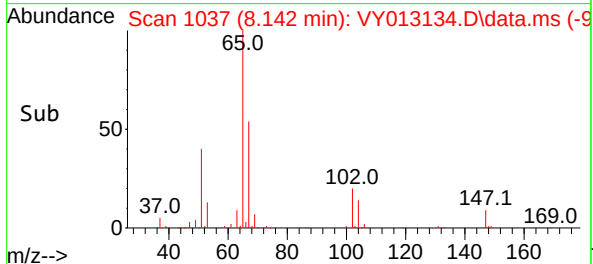
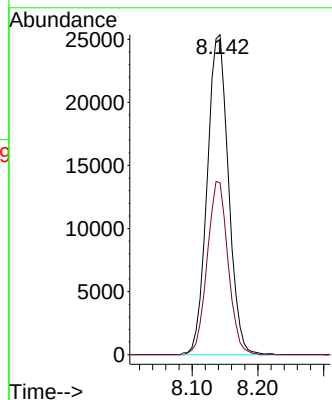
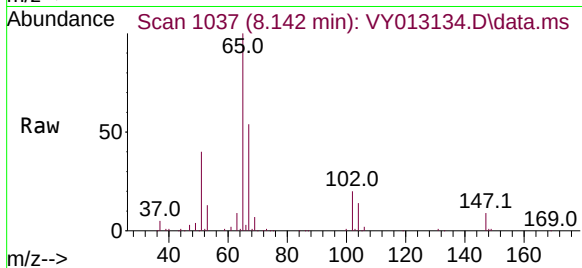
RS-B

Tgt Ion: 65 Resp: 57112

Ion Ratio Lower Upper

65 100

67 53.2 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: VY013134.D

Acq: 29 Mar 2023 16:59

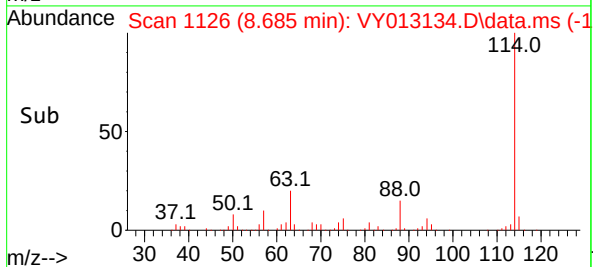
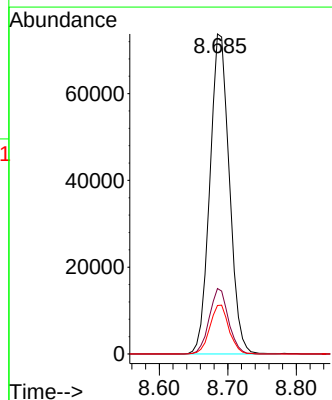
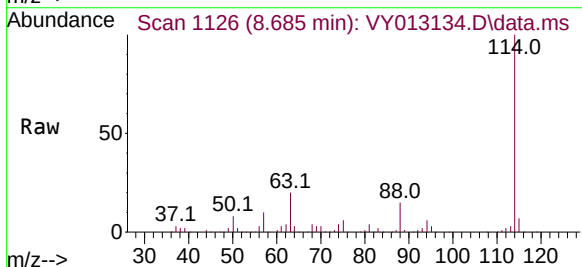
Tgt Ion: 114 Resp: 145499

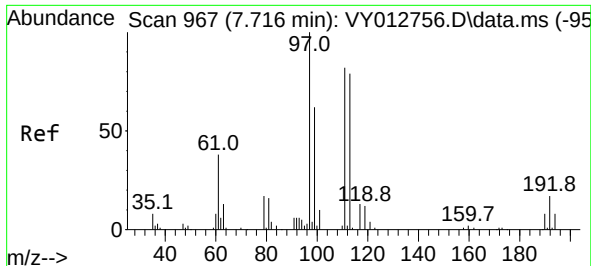
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 15.1 0.0 28.6

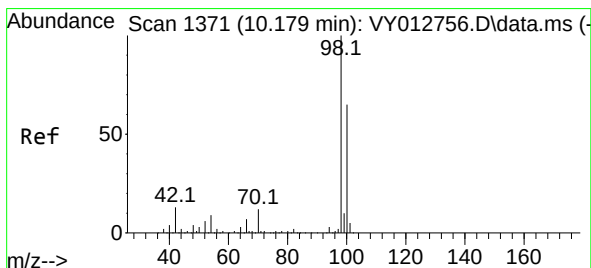
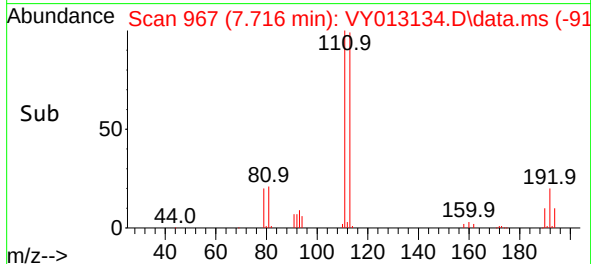
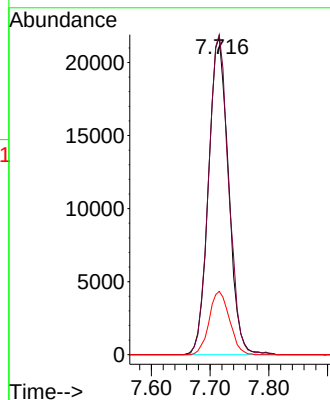
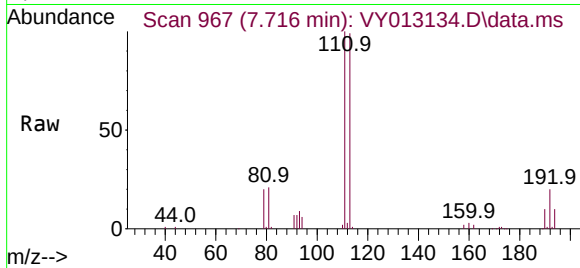




#35
Dibromofluoromethane
Concen: 58.423 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013134.D
Acq: 29 Mar 2023 16:59

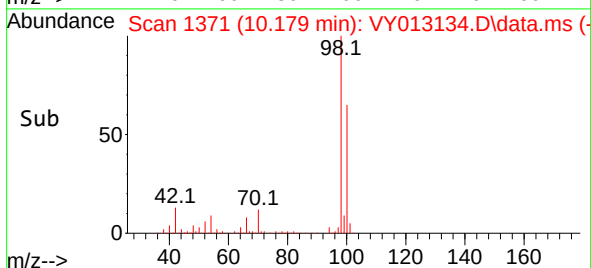
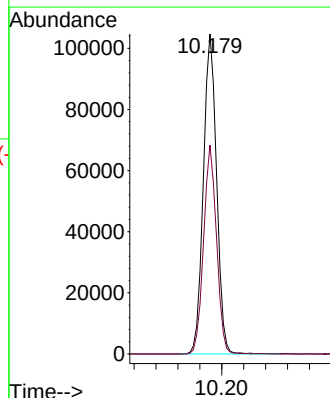
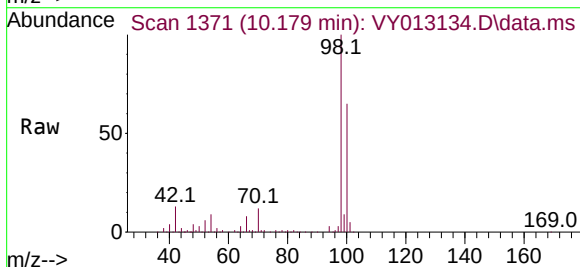
Instrument :
MSVOA_Y
ClientSampleId :
RS-B

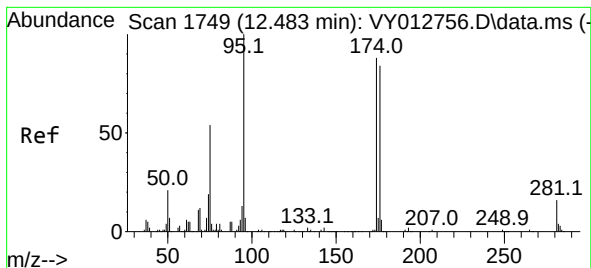
Tgt Ion:113 Resp: 51300
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.2
192 20.2 16.8 25.2



#50
Toluene-d8
Concen: 54.589 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013134.D
Acq: 29 Mar 2023 16:59

Tgt Ion: 98 Resp: 175235
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3

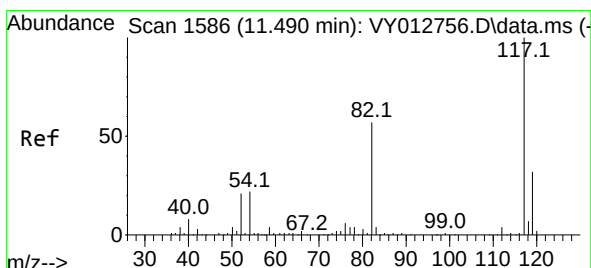
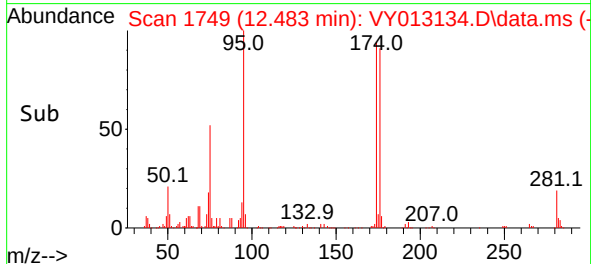
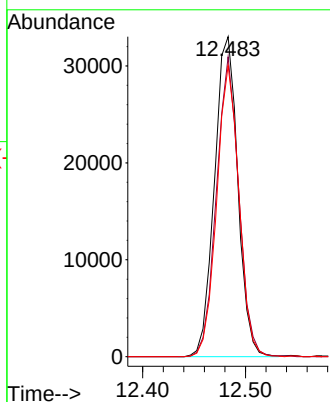
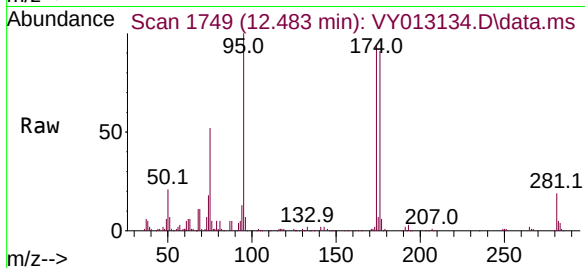




#62
4-Bromofluorobenzene
Concen: 48.006 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013134.D
Acq: 29 Mar 2023 16:59

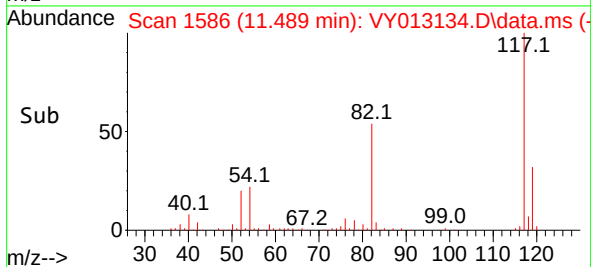
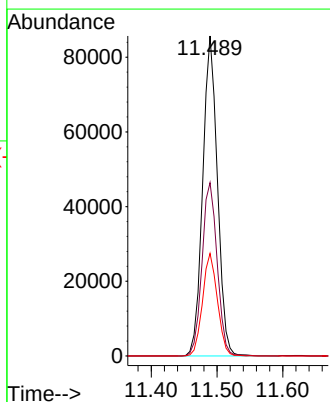
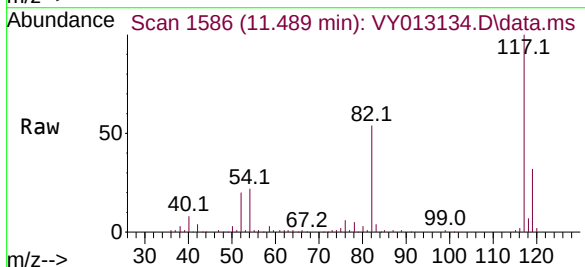
Instrument :
MSVOA_Y
ClientSampleId :
RS-B

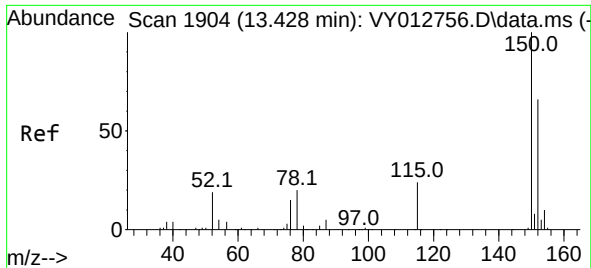
Tgt Ion: 95 Resp: 52014
Ion Ratio Lower Upper
95 100
174 89.7 0.0 176.6
176 86.7 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013134.D
Acq: 29 Mar 2023 16:59

Tgt Ion: 117 Resp: 133609
Ion Ratio Lower Upper
117 100
82 54.1 45.4 68.0
119 32.0 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: VY013134.D

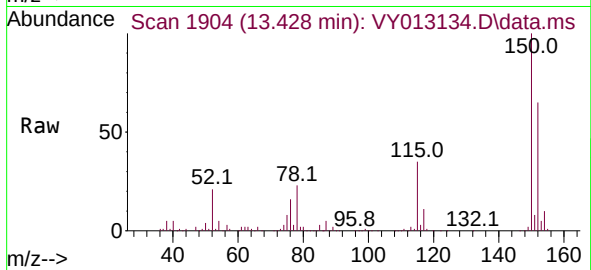
Acq: 29 Mar 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

RS-B



Tgt Ion:152 Resp: 56480

Ion Ratio Lower Upper

152 100

115 55.8 27.1 81.3

150 156.5 0.0 347.8

