

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011803.D
 Acq On : 13 Dec 2022 18:49
 Operator : KP/MD
 Sample : N6037-03
 Misc : 2.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-18-(2-4)

Quant Time: Dec 13 22:19:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

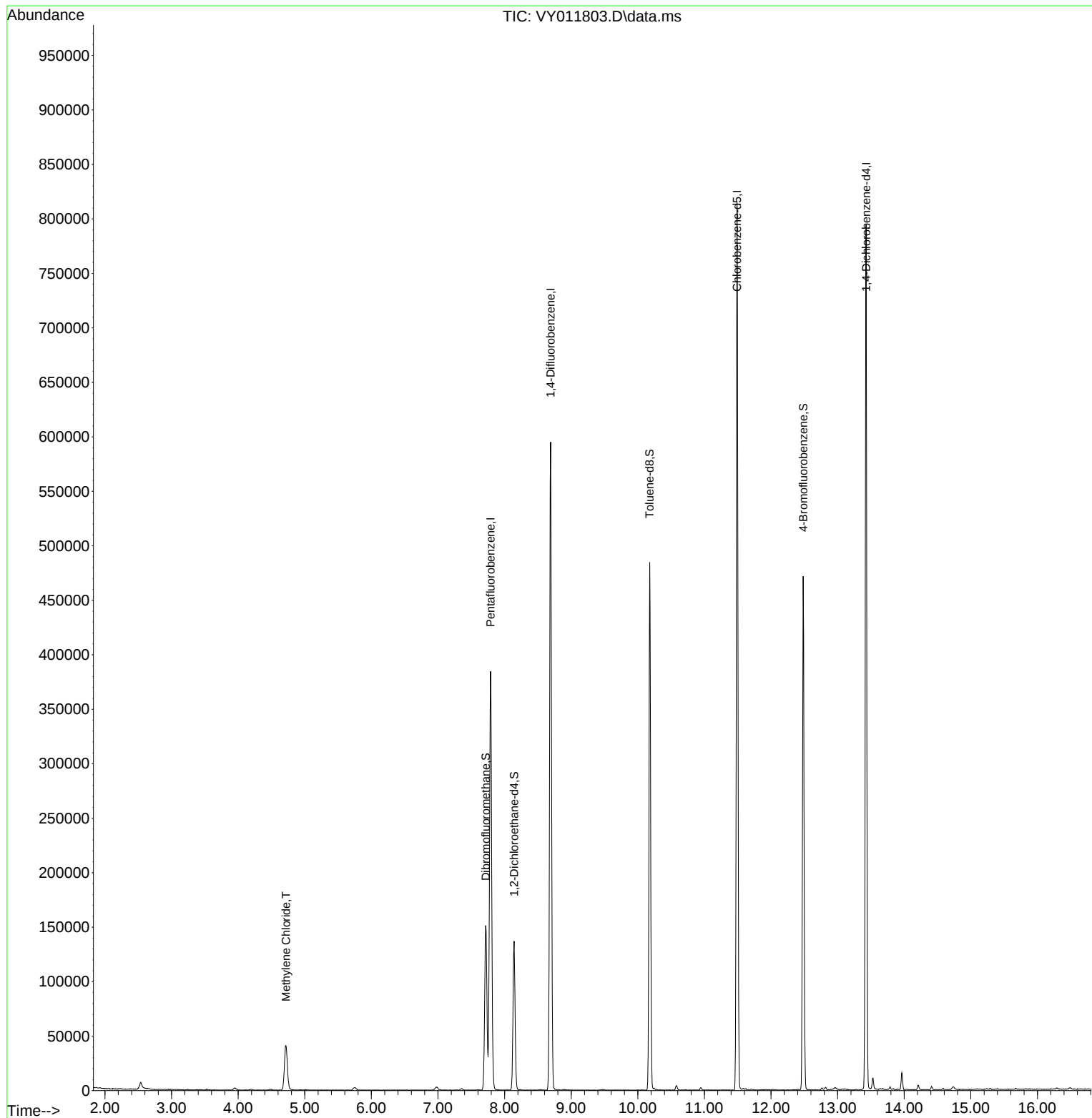
Internal Standards						
1) Pentafluorobenzene	7.789	168	301115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	507836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	443864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	205803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	106238	51.884	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.760%	
35) Dibromofluoromethane	7.715	113	107254	47.328	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.660%	
50) Toluene-d8	10.178	98	314658	41.393	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 82.780%	
62) 4-Bromofluorobenzene	12.483	95	125426	41.855	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.720%	
Target Compounds						Qvalue
20) Methylene Chloride	4.716	84	32804	6.043	ug/l	98

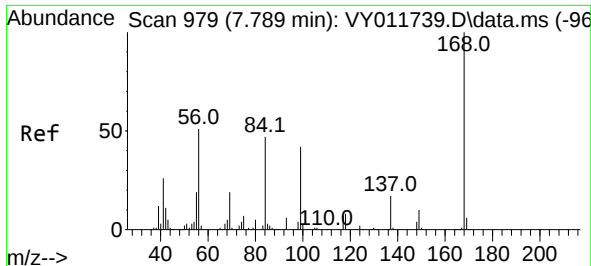
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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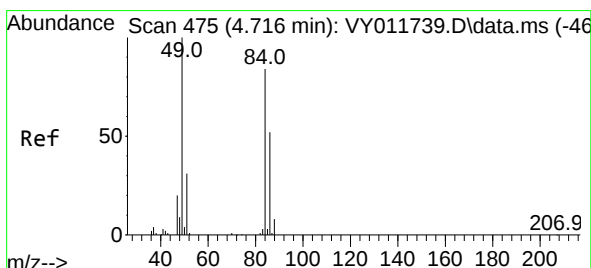
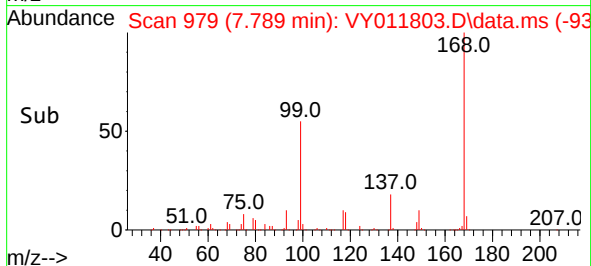
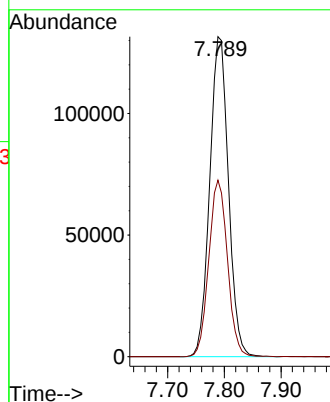
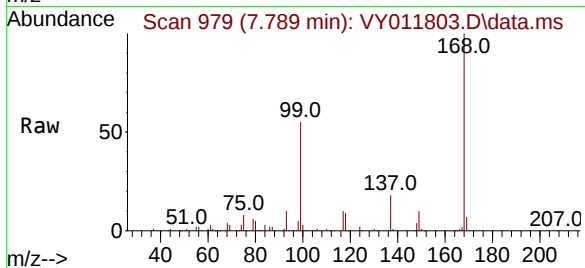




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011803.D
Acq: 13 Dec 2022 18:49

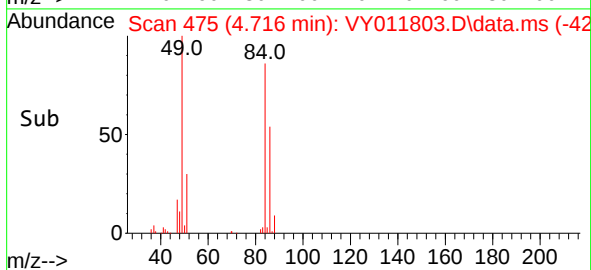
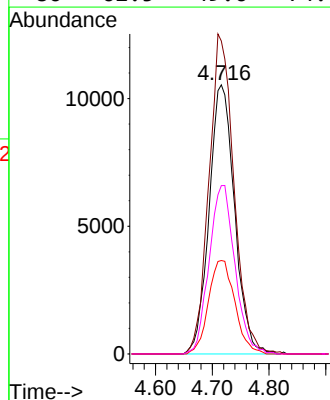
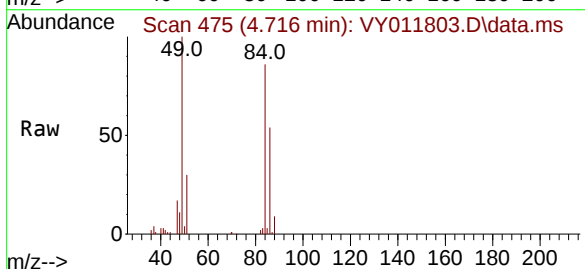
Instrument :
MSVOA_Y
ClientSampleId :
RB-18-(2-4)

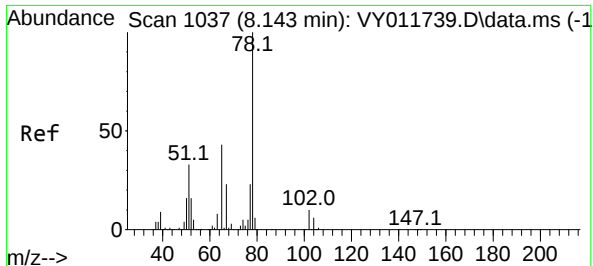
Tgt Ion:168 Resp: 301115
Ion Ratio Lower Upper
168 100
99 55.1 44.0 66.0



#20
Methylene Chloride
Concen: 6.043 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011803.D
Acq: 13 Dec 2022 18:49

Tgt Ion: 84 Resp: 32804
Ion Ratio Lower Upper
84 100
49 116.3 95.4 143.2
51 34.7 29.9 44.9
86 62.5 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 51.884 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY011803.D

Acq: 13 Dec 2022 18:49

Instrument :

MSVOA_Y

ClientSampleId :

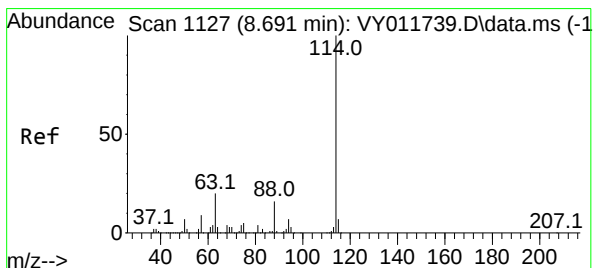
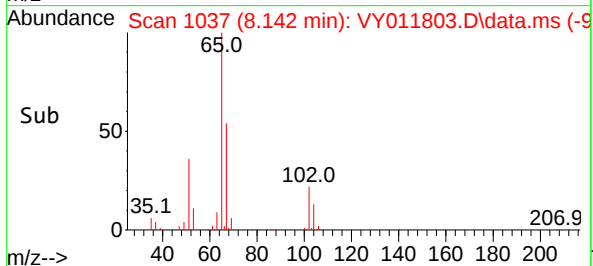
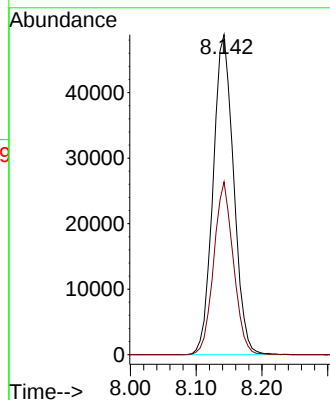
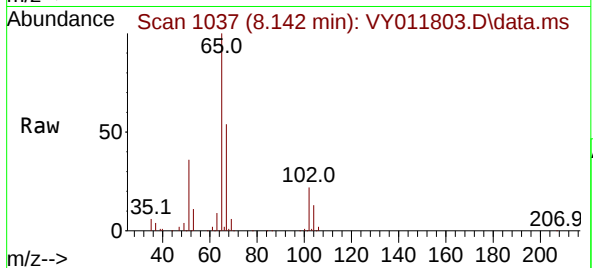
RB-18-(2-4)

Tgt Ion: 65 Resp: 106238

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY011803.D

Acq: 13 Dec 2022 18:49

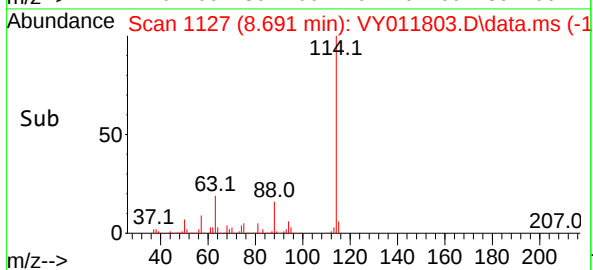
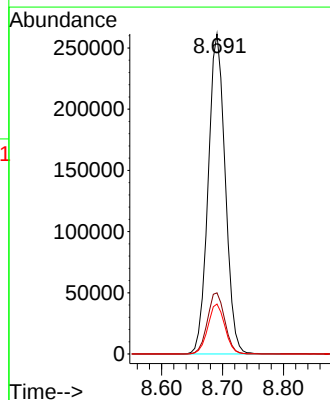
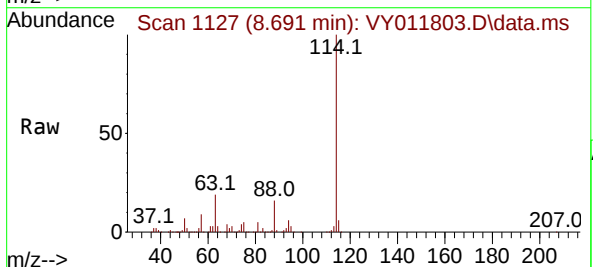
Tgt Ion: 114 Resp: 507836

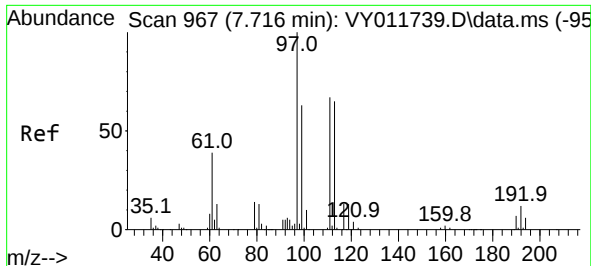
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

88 15.6 0.0 32.2

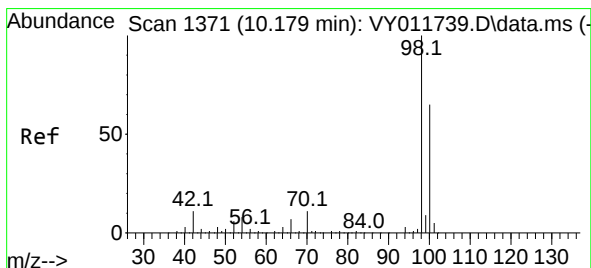
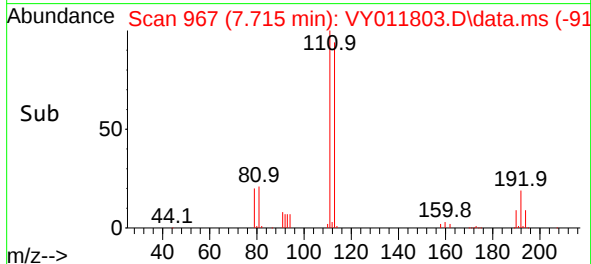
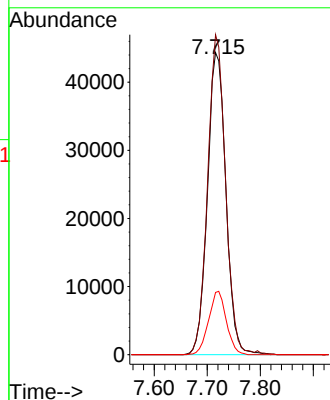
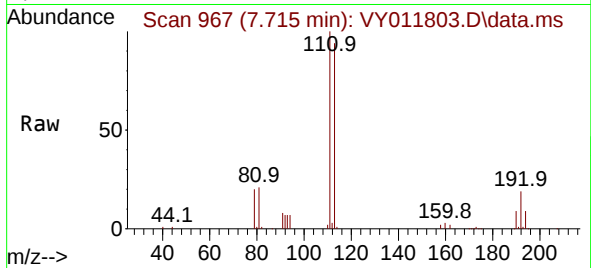




#35
 Dibromofluoromethane
 Concen: 47.328 ug/l
 RT: 7.715 min Scan# 90
 Delta R.T. -0.001 min
 Lab File: VY011803.D
 Acq: 13 Dec 2022 18:49

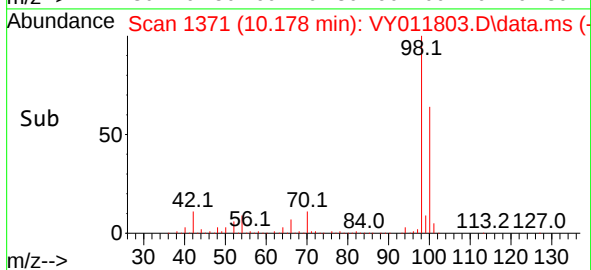
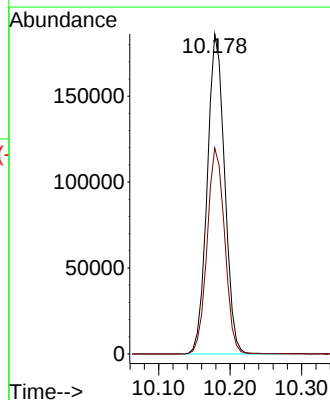
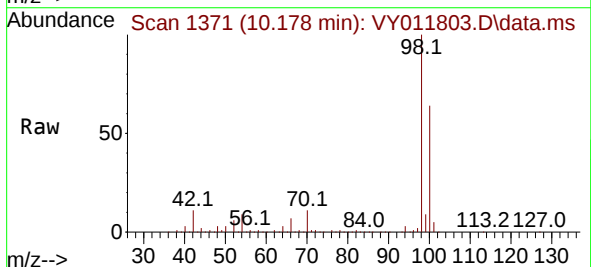
Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-18-(2-4)

Tgt Ion:113 Resp: 107254
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.0 124.4
 192 20.2 16.0 24.0



#50
 Toluene-d8
 Concen: 41.393 ug/l
 RT: 10.178 min Scan# 1371
 Delta R.T. -0.001 min
 Lab File: VY011803.D
 Acq: 13 Dec 2022 18:49

Tgt Ion: 98 Resp: 314658
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.9 77.9

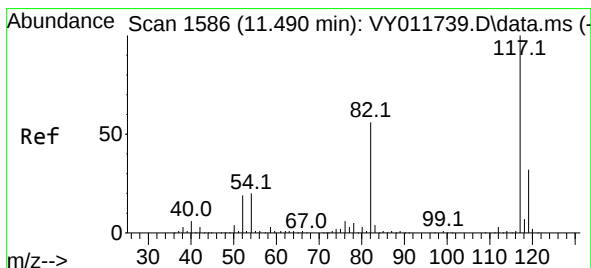
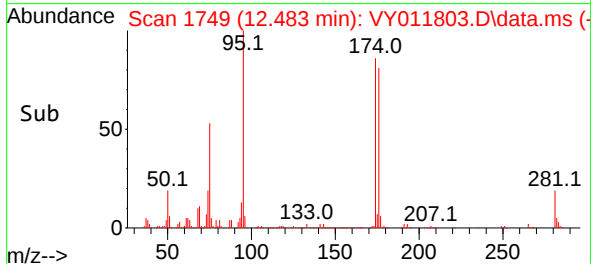
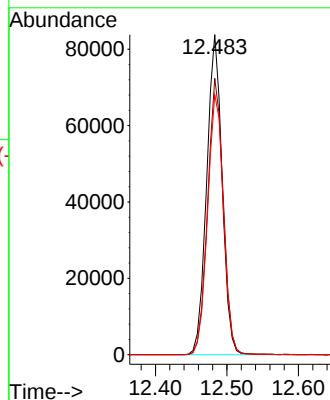
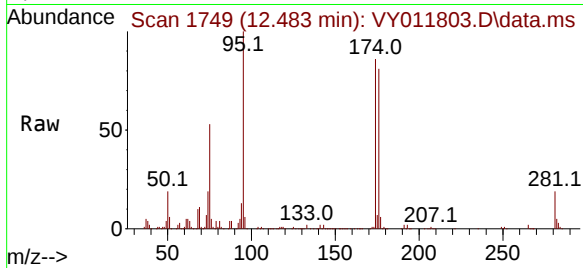




#62
4-Bromofluorobenzene
Concen: 41.855 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011803.D
Acq: 13 Dec 2022 18:49

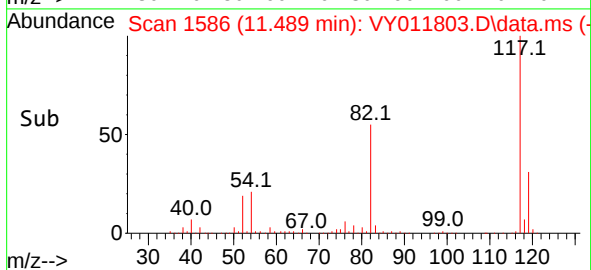
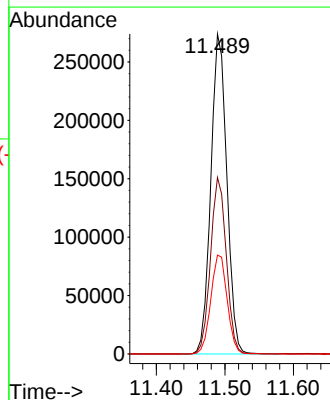
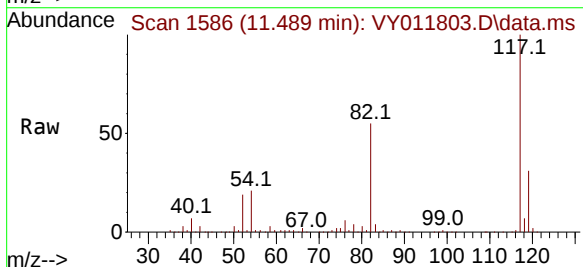
Instrument :
MSVOA_Y
ClientSampleId :
RB-18-(2-4)

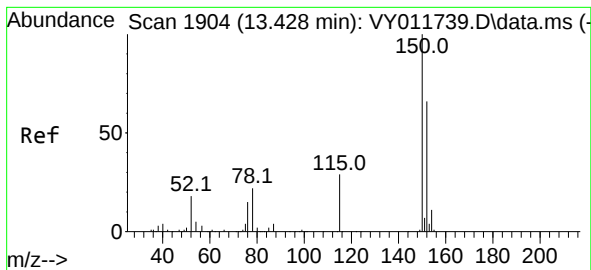
Tgt Ion: 95 Resp: 125426
Ion Ratio Lower Upper
95 100
174 88.2 0.0 172.0
176 84.0 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011803.D
Acq: 13 Dec 2022 18:49

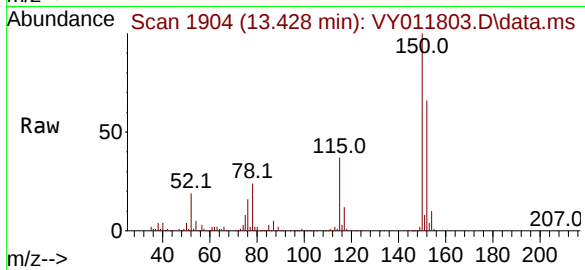
Tgt Ion: 117 Resp: 443864
Ion Ratio Lower Upper
117 100
82 55.2 44.8 67.2
119 30.9 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY011803.D
 Acq: 13 Dec 2022 18:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-18-(2-4)



Tgt Ion:152 Resp: 205803
 Ion Ratio Lower Upper
 152 100
 115 56.9 29.1 87.3
 150 156.0 0.0 342.6

