

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122022\
 Data File : VY011926.D
 Acq On : 20 Dec 2022 16:47
 Operator : KP/MD
 Sample : N6038-12RE
 Misc : 5.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-35-(2.5-4.5)RE

Quant Time: Dec 21 00:09:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

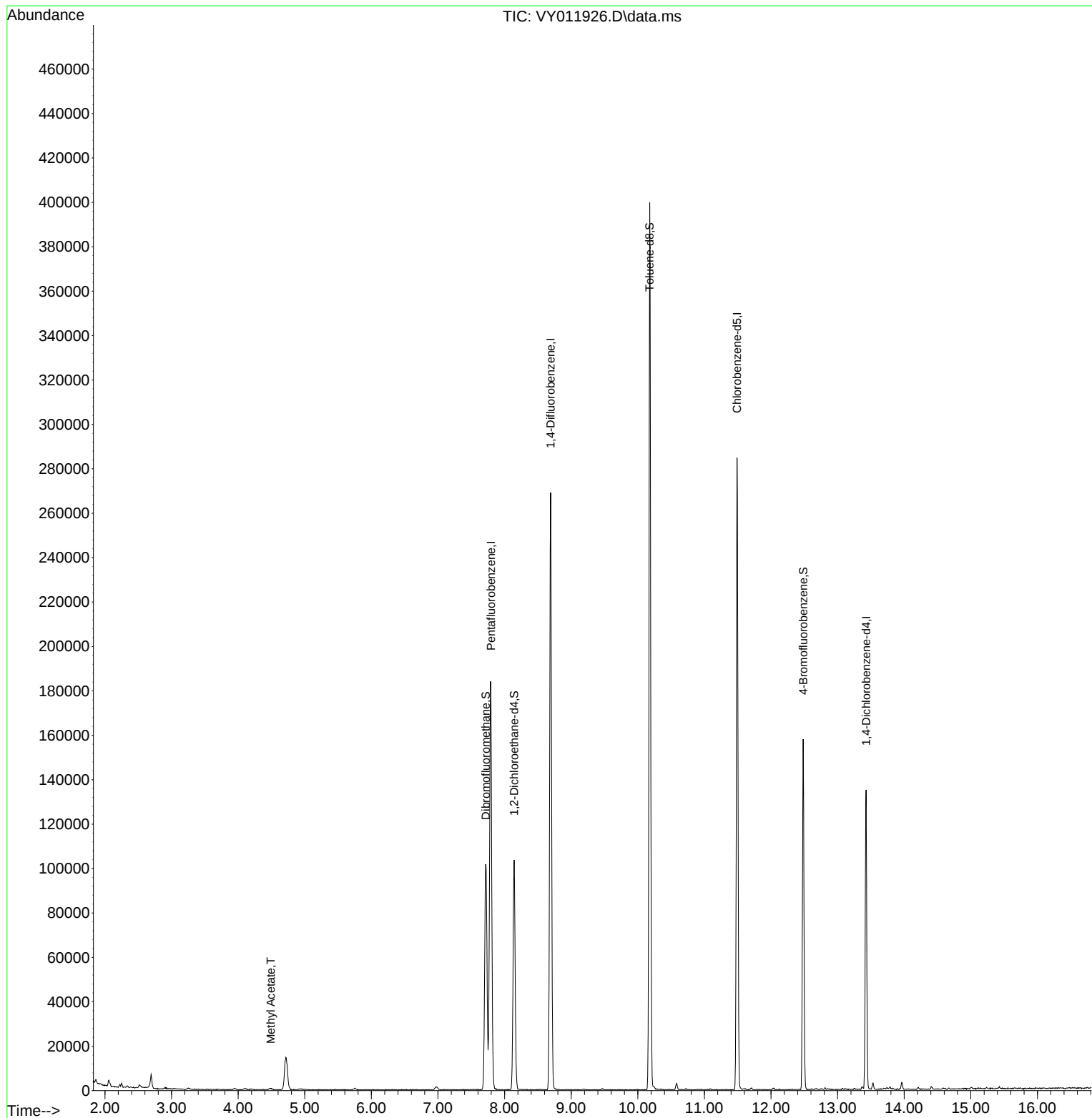
Internal Standards						
1) Pentafluorobenzene	7.795	168	143547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	232117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	158754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	36560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	81958	56.671	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.340%
35) Dibromofluoromethane	7.716	113	73622	52.685	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.360%
50) Toluene-d8	10.179	98	262870	46.365	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.720%
62) 4-Bromofluorobenzene	12.483	95	46277	24.269	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	48.540%
Target Compounds						
18) Methyl Acetate	4.491	43	1351	1.352	ug/l	91

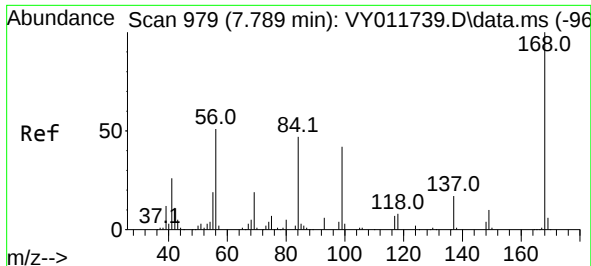
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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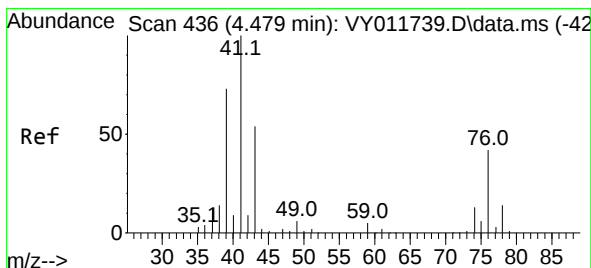
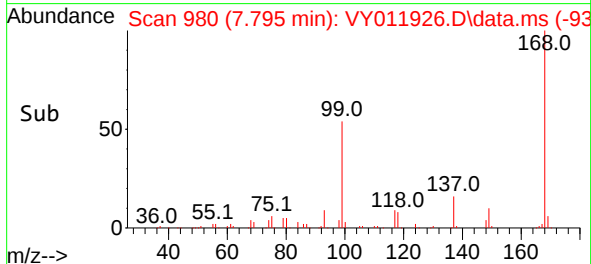
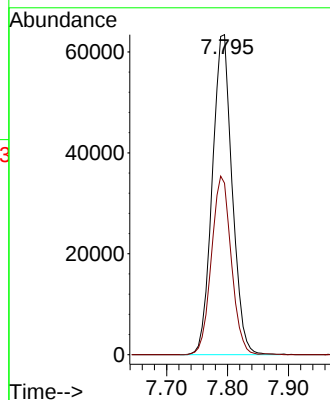
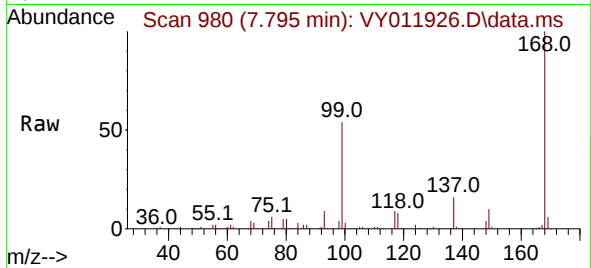




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011926.D
Acq: 20 Dec 2022 16:47

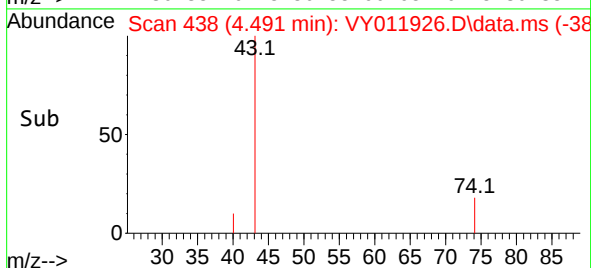
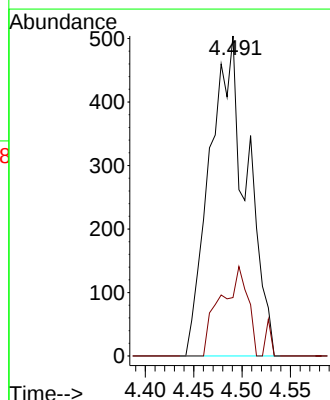
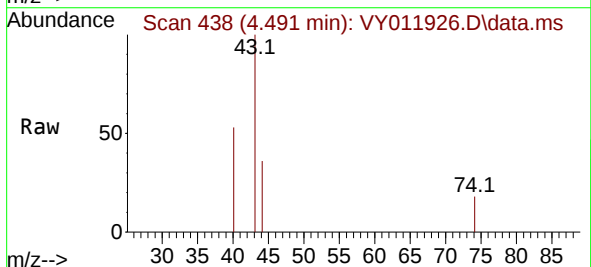
Instrument :
MSVOA_Y
ClientSampleId :
RB-35-(2.5-4.5)RE

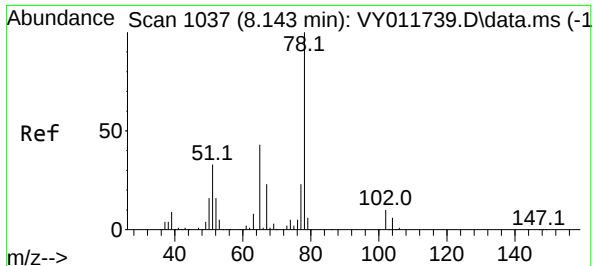
Tgt Ion:168 Resp: 143547
Ion Ratio Lower Upper
168 100
99 53.6 44.0 66.0



#18
Methyl Acetate
Concen: 1.352 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY011926.D
Acq: 20 Dec 2022 16:47

Tgt Ion: 43 Resp: 1351
Ion Ratio Lower Upper
43 100
74 20.4 20.1 30.1





#33

1,2-Dichloroethane-d4

Concen: 56.671 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011926.D

Acq: 20 Dec 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

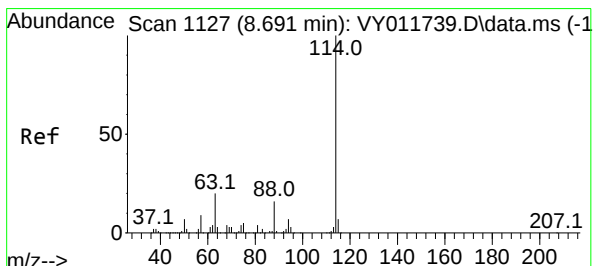
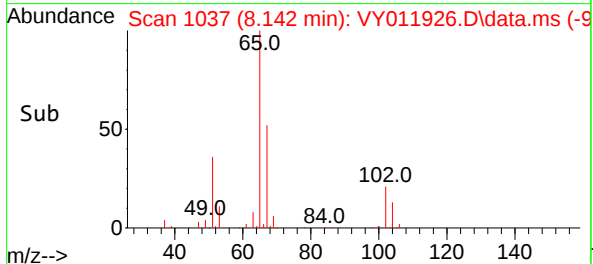
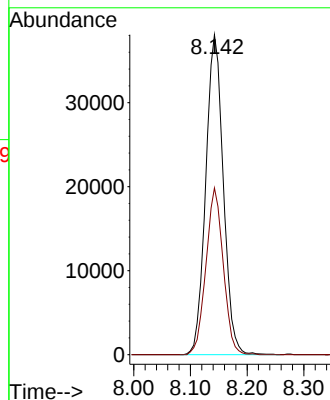
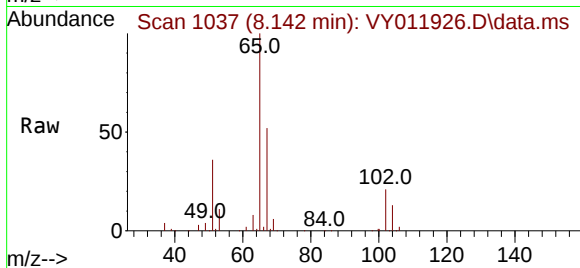
RB-35-(2.5-4.5)RE

Tgt Ion: 65 Resp: 81958

Ion Ratio Lower Upper

65 100

67 51.2 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: VY011926.D

Acq: 20 Dec 2022 16:47

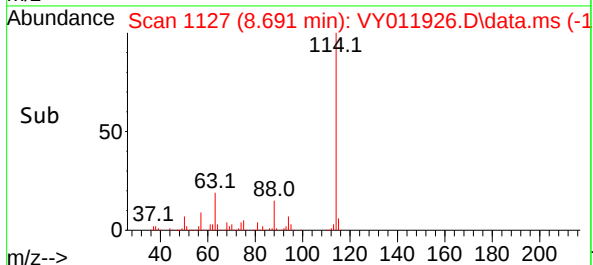
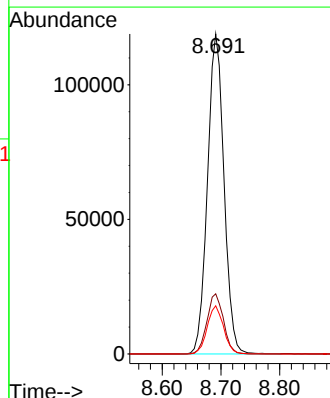
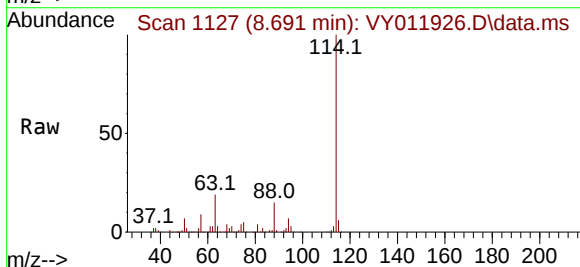
Tgt Ion: 114 Resp: 232117

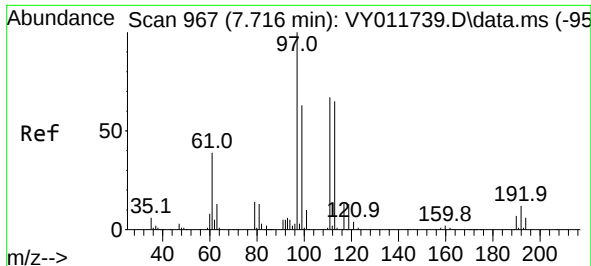
Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

88 15.1 0.0 32.2

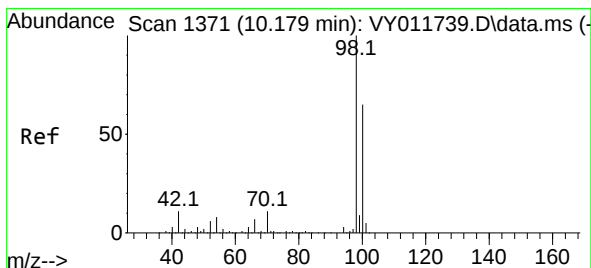
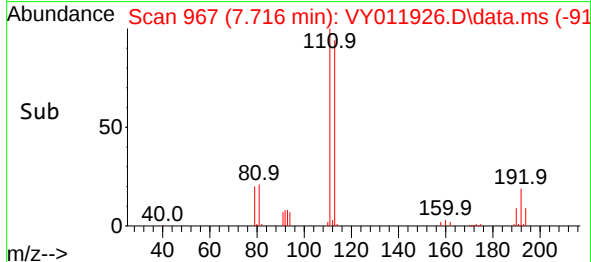
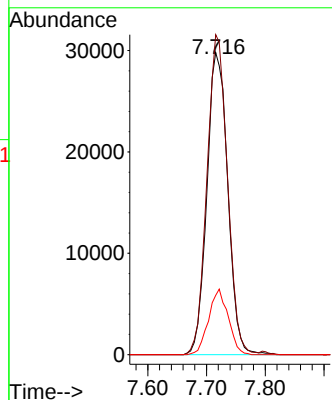
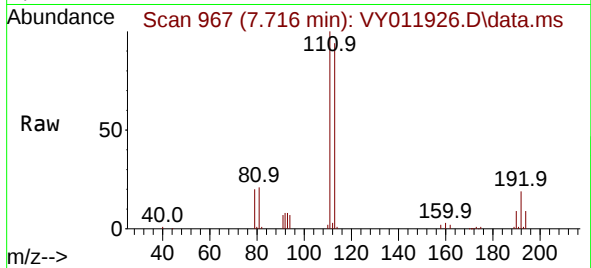




#35
Dibromofluoromethane
Concen: 52.685 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011926.D
Acq: 20 Dec 2022 16:47

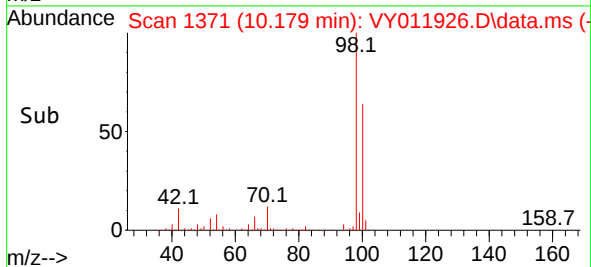
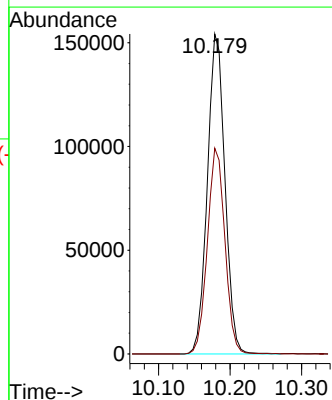
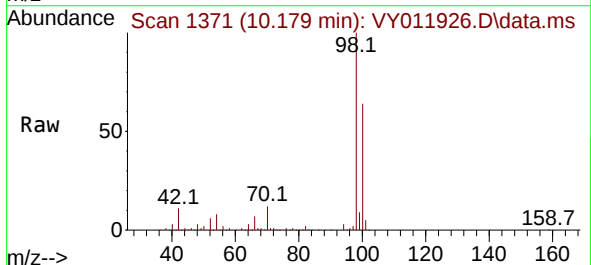
Instrument :
MSVOA_Y
ClientSampleId :
RB-35-(2.5-4.5)RE

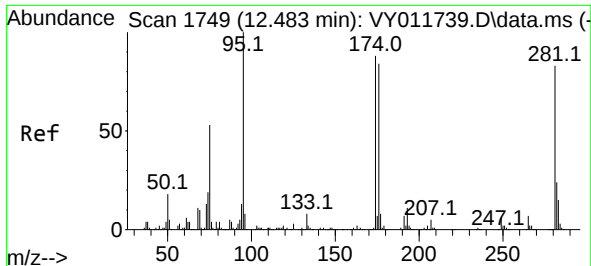
Tgt Ion:113 Resp: 73622
Ion Ratio Lower Upper
113 100
111 103.9 83.0 124.4
192 20.4 16.0 24.0



#50
Toluene-d8
Concen: 46.365 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011926.D
Acq: 20 Dec 2022 16:47

Tgt Ion: 98 Resp: 262870
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

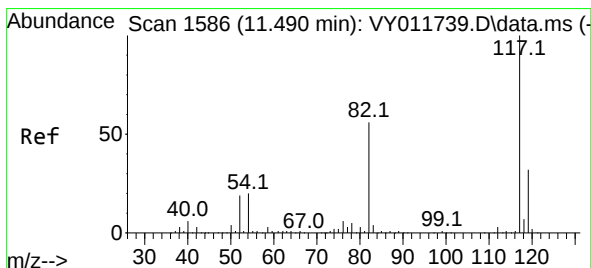
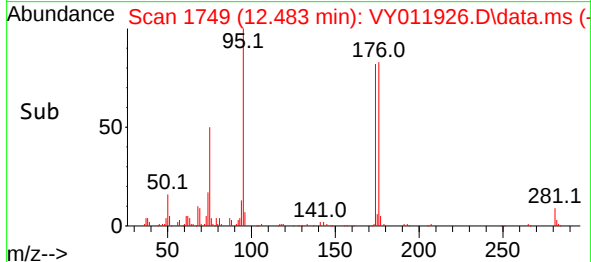
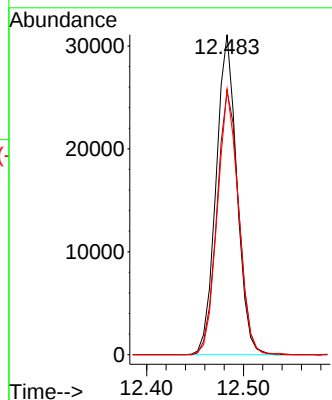
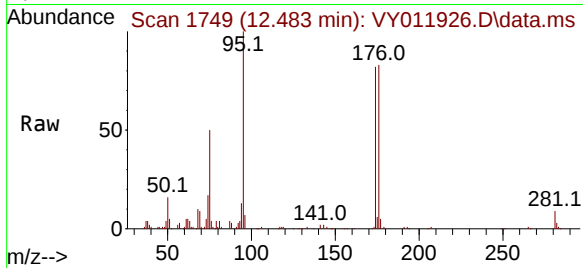




#62
4-Bromofluorobenzene
Concen: 24.269 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011926.D
Acq: 20 Dec 2022 16:47

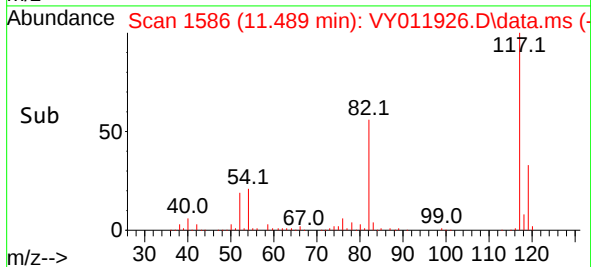
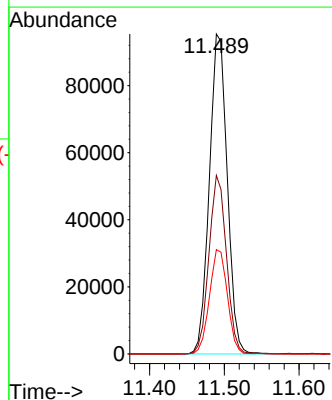
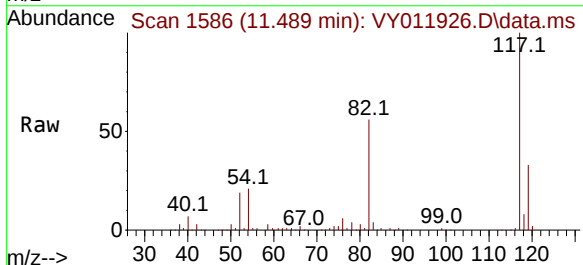
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ClientSampleId :
RB-35-(2.5-4.5)RE

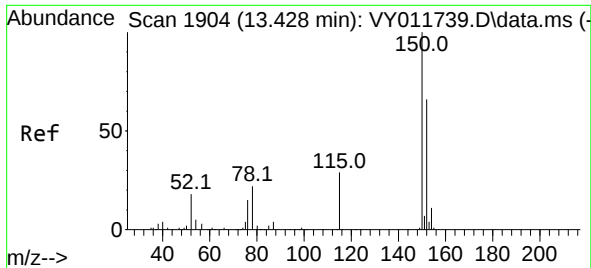
Tgt Ion: 95 Resp: 46277
Ion Ratio Lower Upper
95 100
174 87.1 0.0 172.0
176 84.1 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011926.D
Acq: 20 Dec 2022 16:47

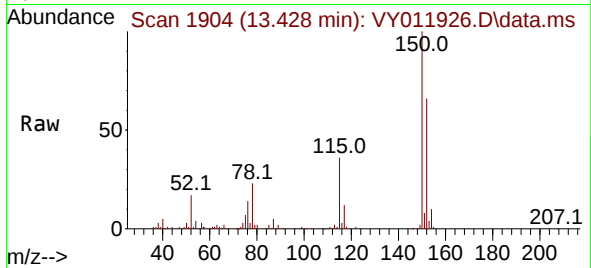
Tgt Ion: 117 Resp: 158754
Ion Ratio Lower Upper
117 100
82 55.8 44.8 67.2
119 32.6 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY011926.D
 Acq: 20 Dec 2022 16:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-35-(2.5-4.5)RE



Tgt Ion:152 Resp: 36560
 Ion Ratio Lower Upper
 152 100
 115 56.4 29.1 87.3
 150 155.2 0.0 342.6

