

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008925.D
 Acq On : 21 May 2022 00:28
 Operator : KP/MD
 Sample : N2908-03
 Misc : 6.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BI-3

Quant Time: May 21 02:48:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

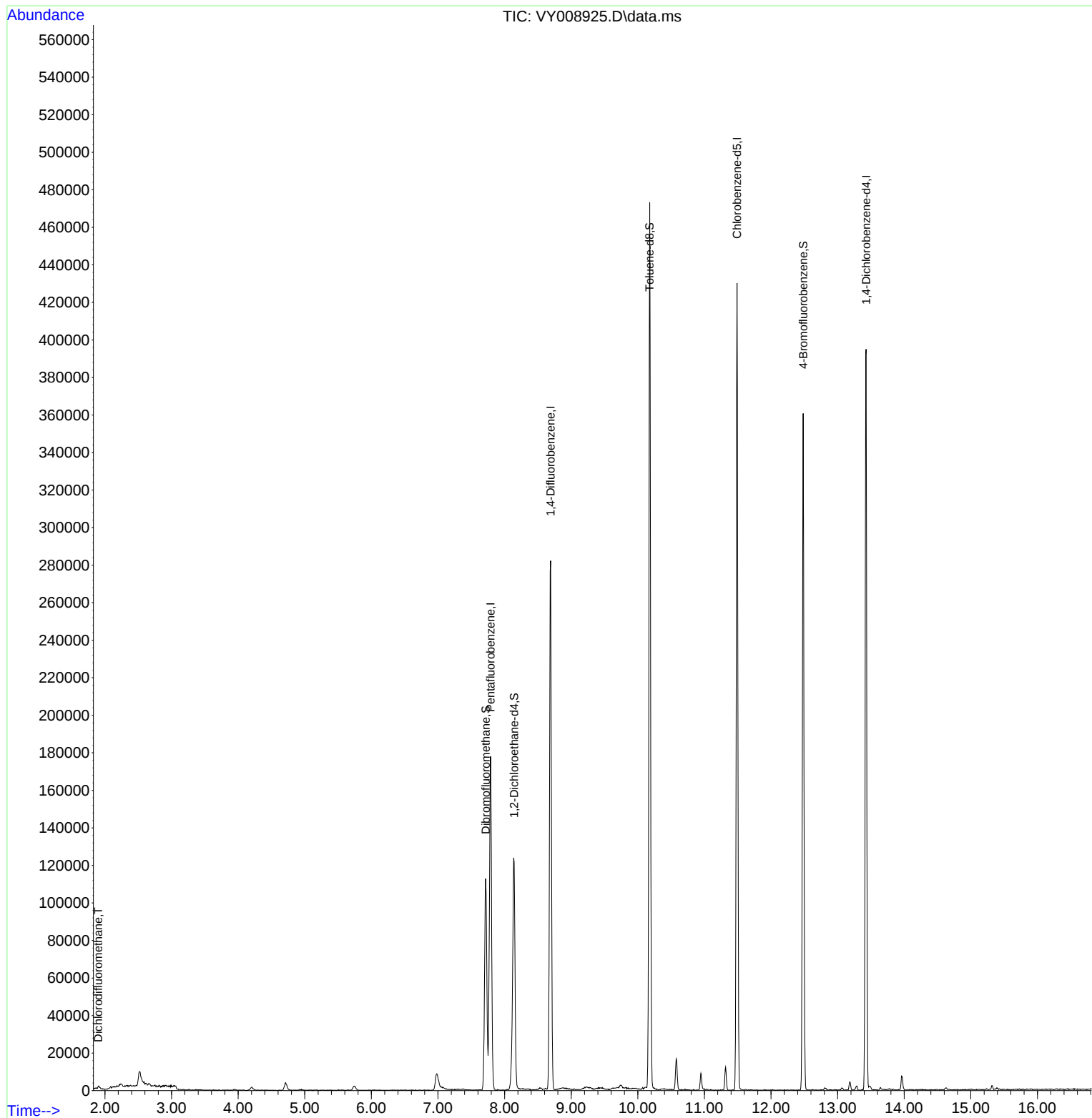
Internal Standards						
1) Pentafluorobenzene	7.789	168	135675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	239797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	227443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	87709	62.813	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.620%
35) Dibromofluoromethane	7.716	113	76315	51.178	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.360%
50) Toluene-d8	10.179	98	296128	53.831	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.660%
62) 4-Bromofluorobenzene	12.483	95	88856	40.042	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.080%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	1256	1.012	ug/l	97

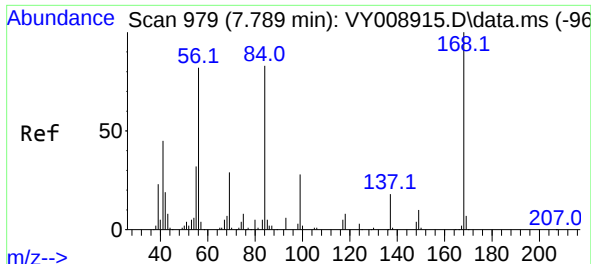
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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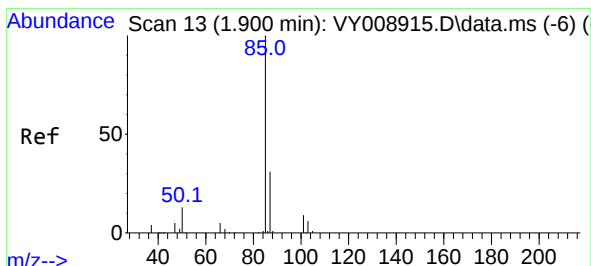
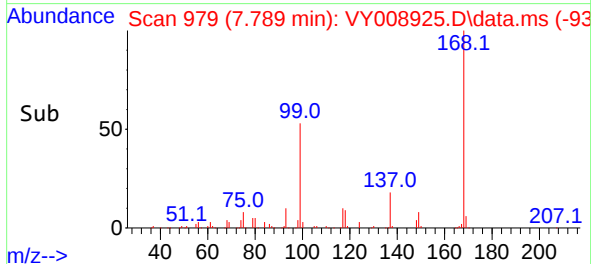
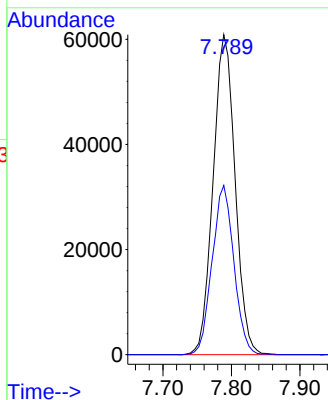
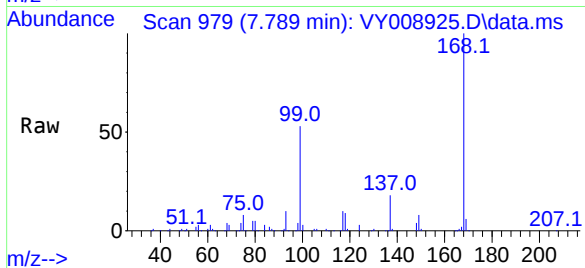




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008925.D
Acq: 21 May 2022 00:28

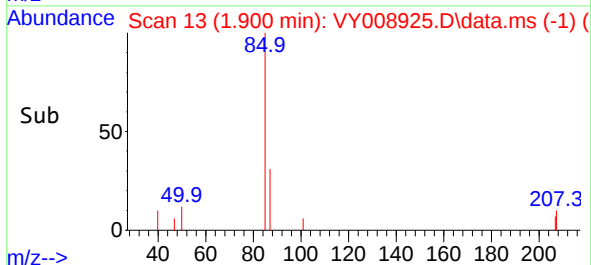
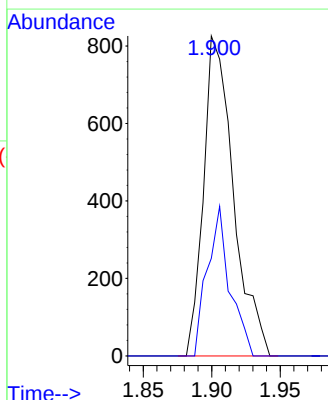
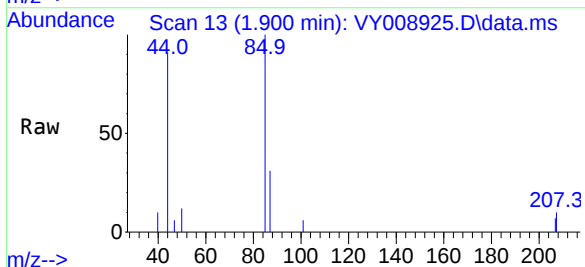
Instrument :
MSVOA_Y
ClientSampleId :
BI-3

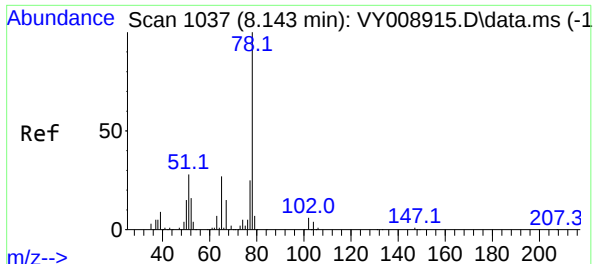
Tgt Ion:168 Resp: 135675
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.012 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY008925.D
Acq: 21 May 2022 00:28

Tgt Ion: 85 Resp: 1256
Ion Ratio Lower Upper
85 100
87 30.5 16.1 48.2





#33

1,2-Dichloroethane-d4

Concen: 62.813 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY008925.D

Acq: 21 May 2022 00:28

Instrument :

MSVOA_Y

ClientSampleId :

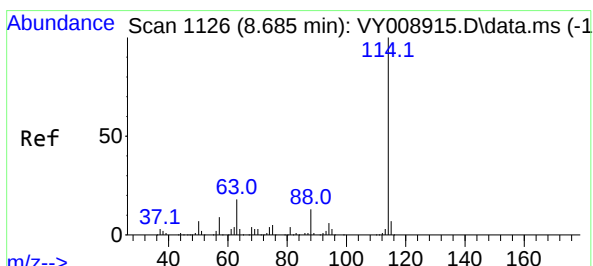
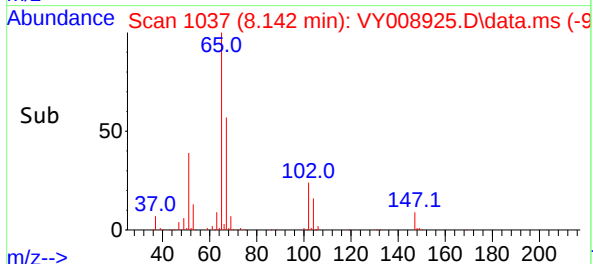
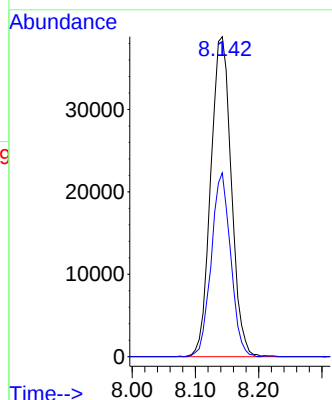
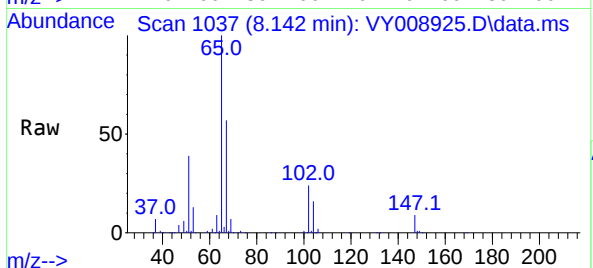
BI-3

Tgt Ion: 65 Resp: 87709

Ion Ratio Lower Upper

65 100

67 54.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008925.D

Acq: 21 May 2022 00:28

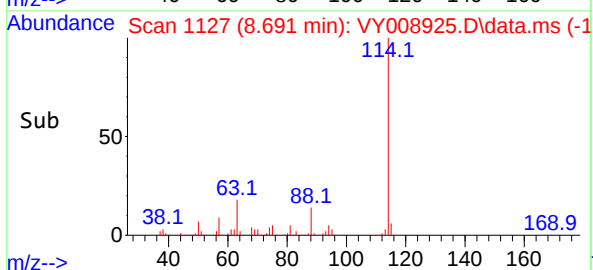
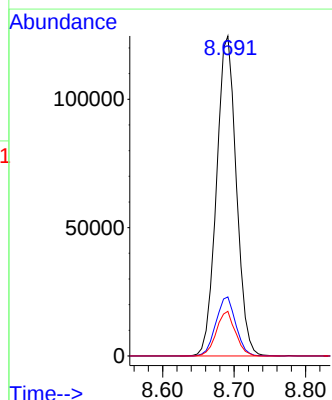
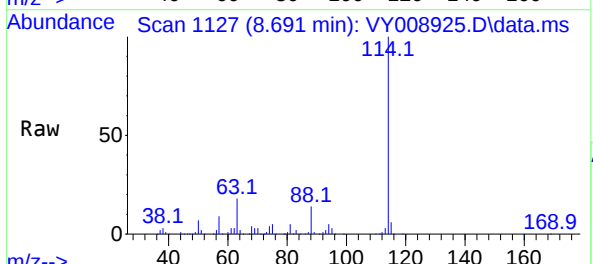
Tgt Ion: 114 Resp: 239797

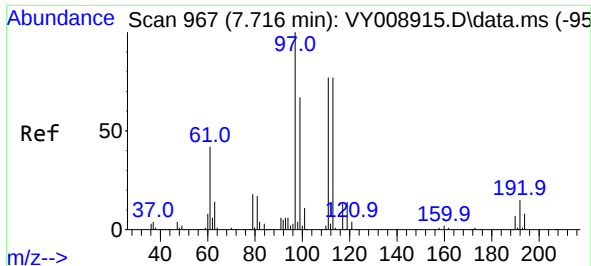
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 14.0 0.0 31.8

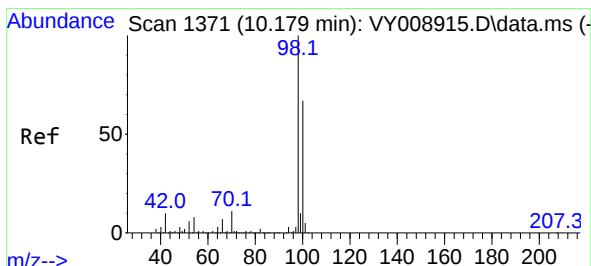
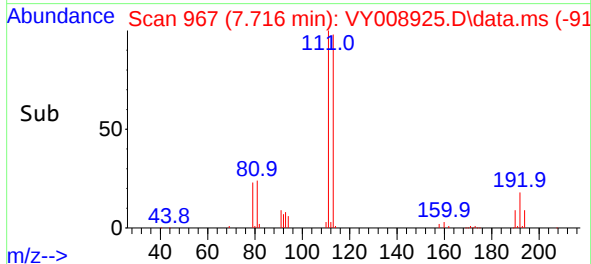
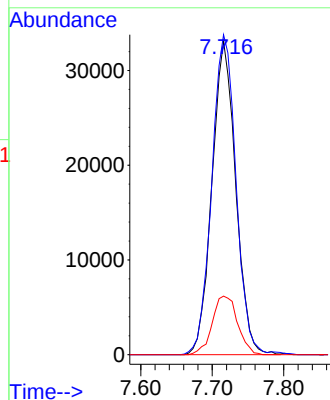
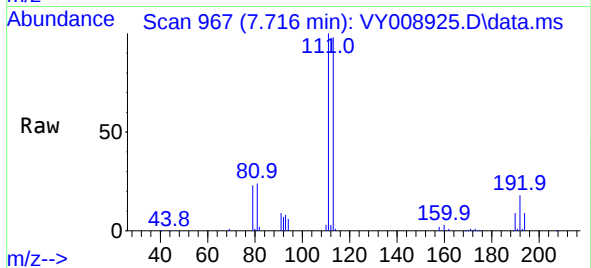




#35
Dibromofluoromethane
Concen: 51.178 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008925.D
Acq: 21 May 2022 00:28

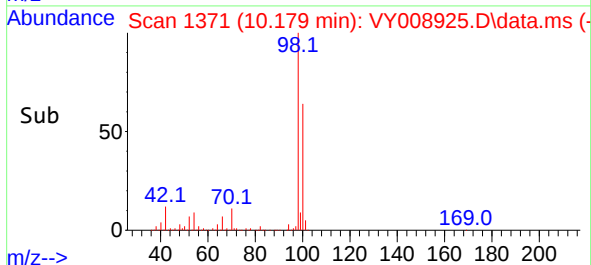
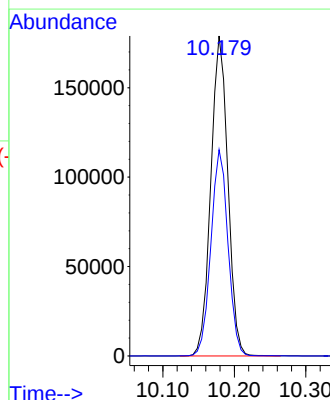
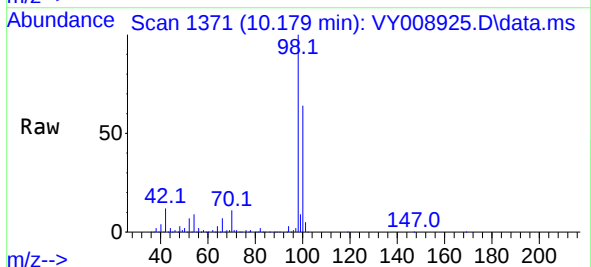
Instrument :
MSVOA_Y
ClientSampleId :
BI-3

Tgt Ion:113 Resp: 76315
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 19.9 17.6 26.4



#50
Toluene-d8
Concen: 53.831 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008925.D
Acq: 21 May 2022 00:28

Tgt Ion: 98 Resp: 296128
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

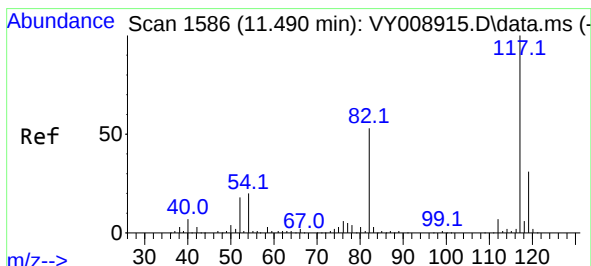
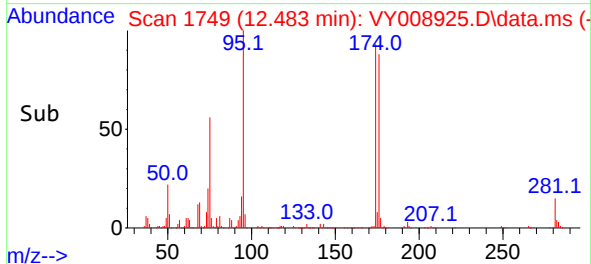
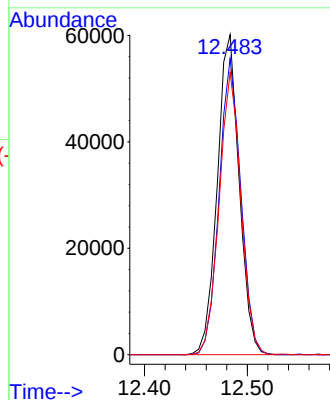
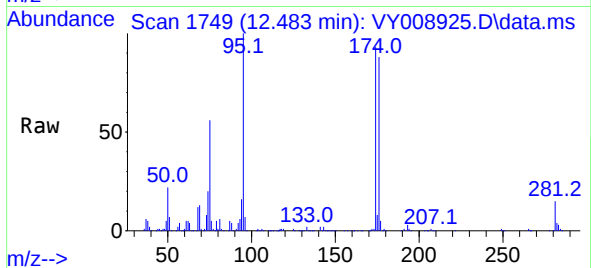




#62
4-Bromofluorobenzene
Concen: 40.042 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008925.D
Acq: 21 May 2022 00:28

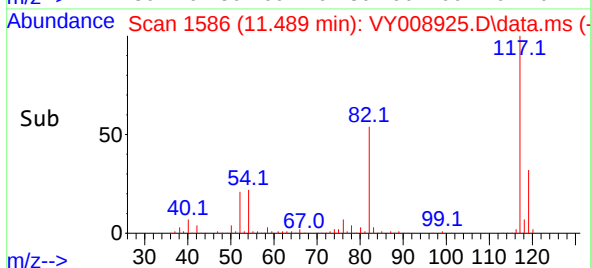
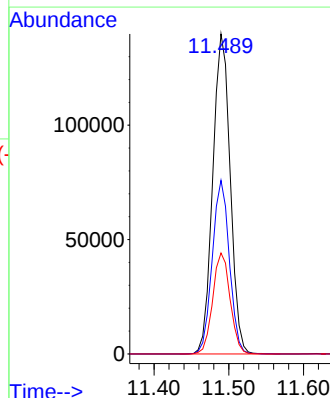
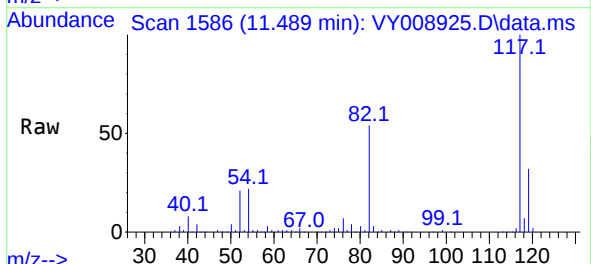
Instrument :
MSVOA_Y
ClientSampleId :
BI-3

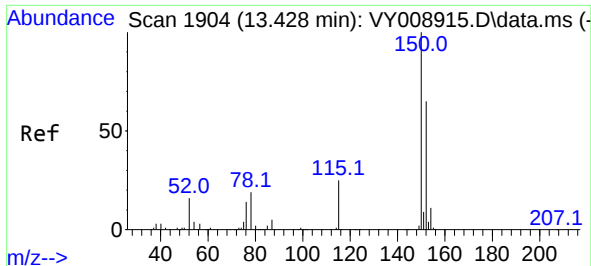
Tgt Ion: 95 Resp: 88856
Ion Ratio Lower Upper
95 100
174 91.6 0.0 177.0
176 87.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY008925.D
Acq: 21 May 2022 00:28

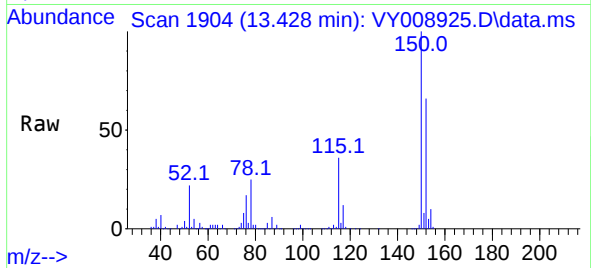
Tgt Ion: 117 Resp: 227443
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 31.5 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008925.D
 Acq: 21 May 2022 00:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 BI-3



Tgt Ion:152 Resp: 100287
 Ion Ratio Lower Upper
 152 100
 115 56.6 28.2 84.7
 150 154.8 0.0 347.6

