

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008924.D
 Acq On : 21 May 2022 00:05
 Operator : KP/MD
 Sample : N2908-02
 Misc : 5.69g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BI-2

Quant Time: May 21 02:48:14 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)

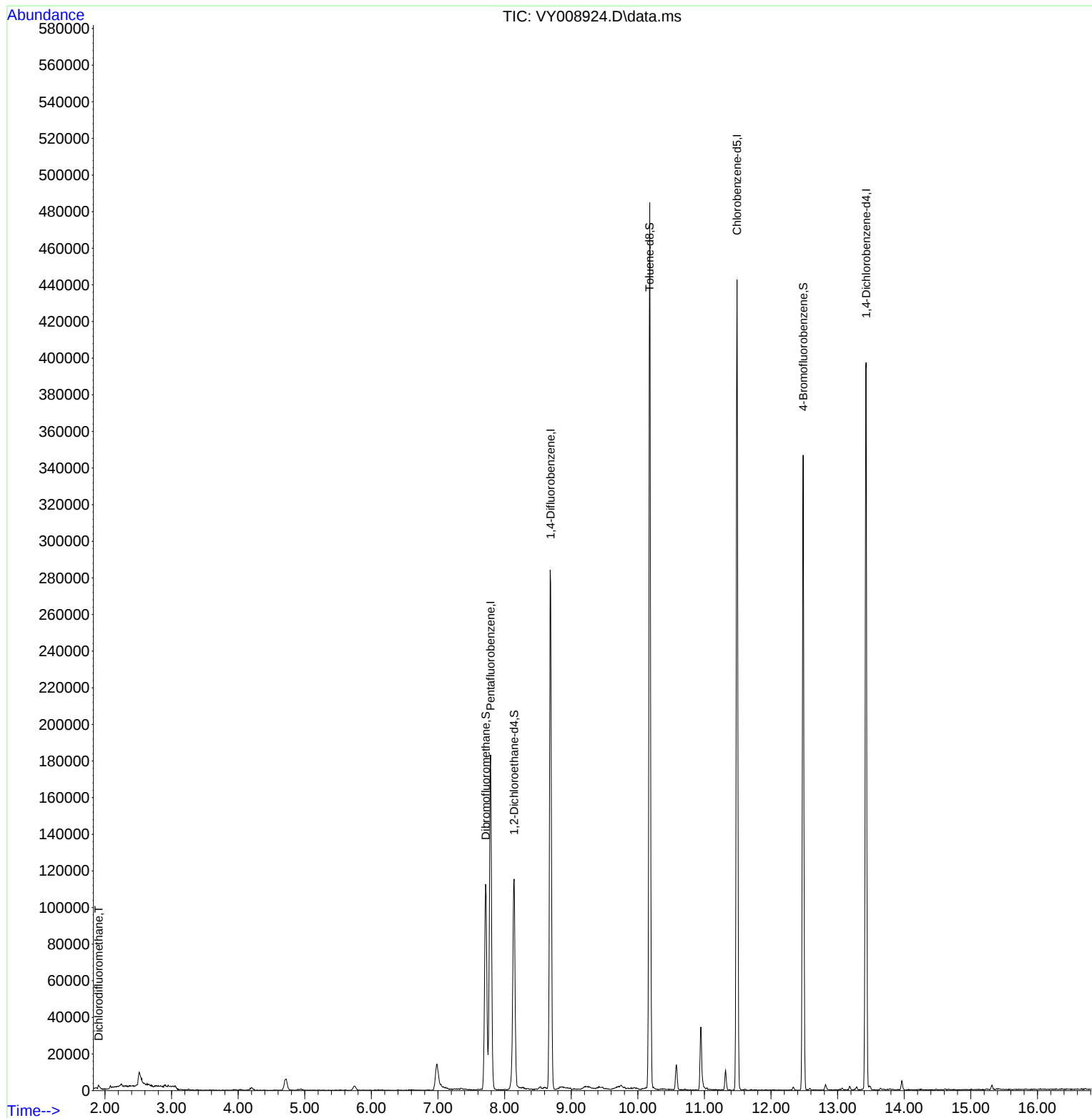
Internal Standards						
1) Pentafluorobenzene	7.789	168	138310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	239009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	229073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	85929	60.366	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.740%	
35) Dibromofluoromethane	7.716	113	76742	51.634	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.260%	
50) Toluene-d8	10.179	98	297106	54.187	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.380%	
62) 4-Bromofluorobenzene	12.483	95	88579	40.049	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.100%	
Target Compounds						
2) Dichlorodifluoromethane	1.906	85	1501	1.187	ug/l	Qvalue 84

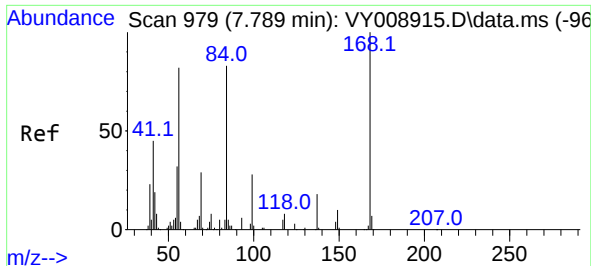
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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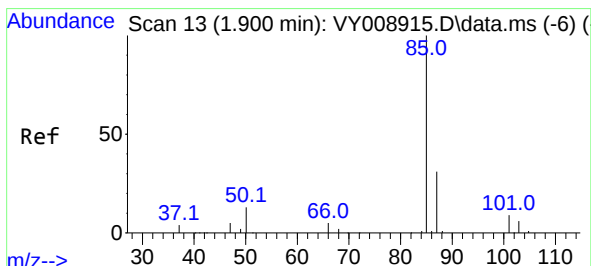
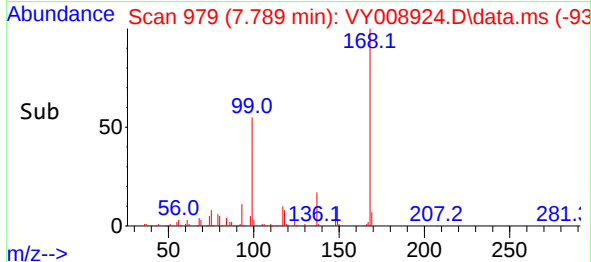
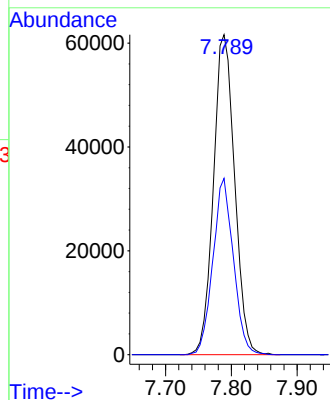
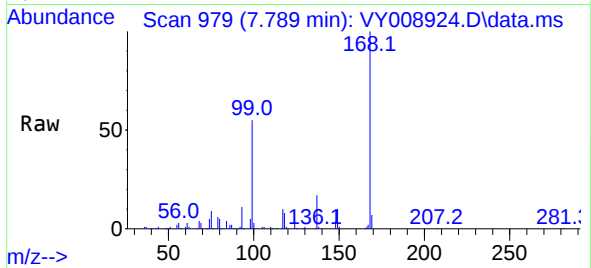




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008924.D
Acq: 21 May 2022 00:05

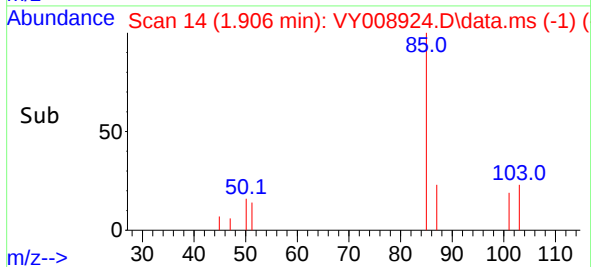
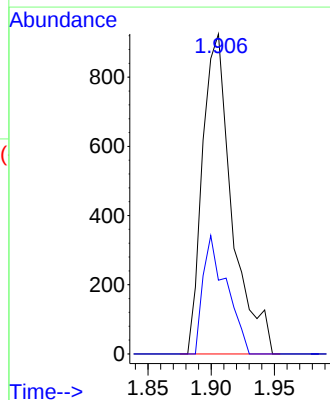
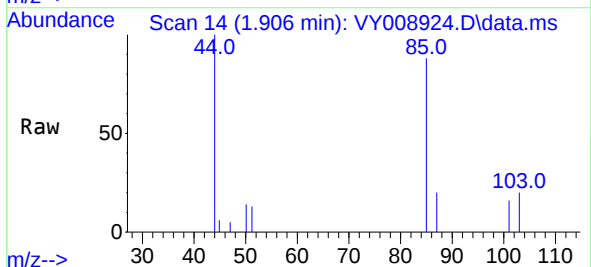
Instrument :
MSVOA_Y
ClientSampleId :
BI-2

Tgt Ion:168 Resp: 138310
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.187 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY008924.D
Acq: 21 May 2022 00:05

Tgt Ion: 85 Resp: 1501
Ion Ratio Lower Upper
85 100
87 23.0 16.1 48.2





#33

1,2-Dichloroethane-d4

Concen: 60.366 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY008924.D

Acq: 21 May 2022 00:05

Instrument :

MSVOA_Y

ClientSampleId :

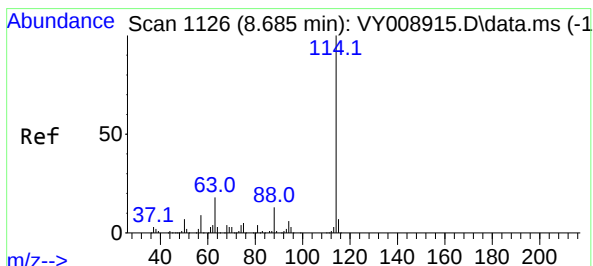
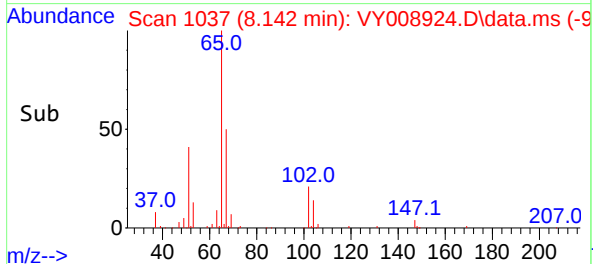
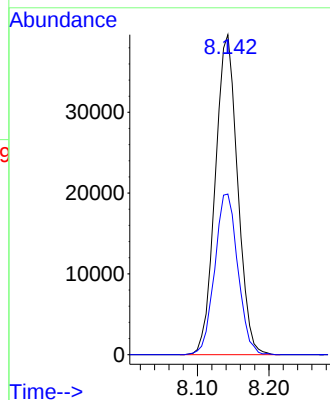
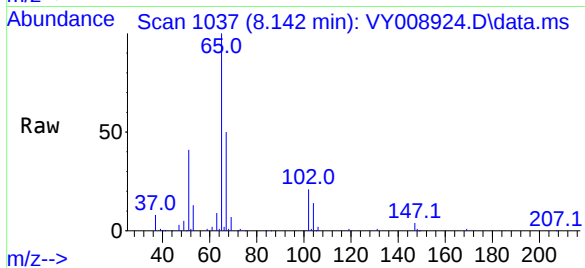
BI-2

Tgt Ion: 65 Resp: 85929

Ion Ratio Lower Upper

65 100

67 52.0 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: VY008924.D

Acq: 21 May 2022 00:05

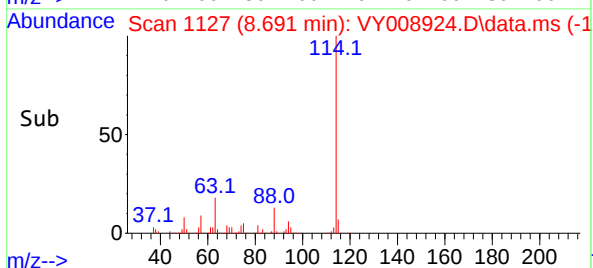
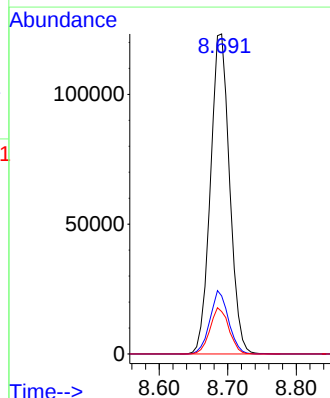
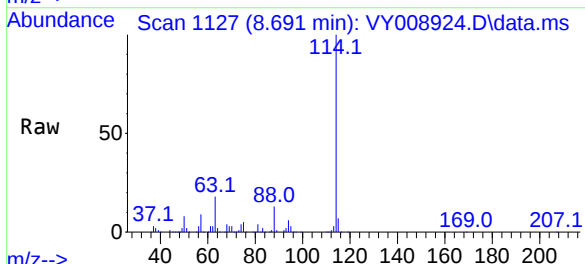
Tgt Ion: 114 Resp: 239009

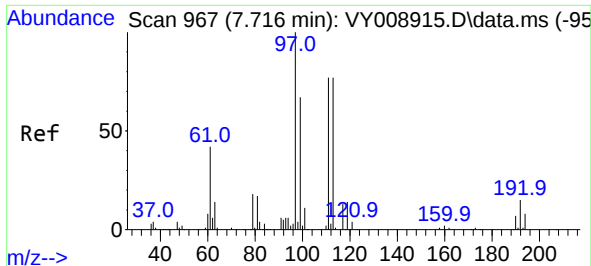
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 13.3 0.0 31.8

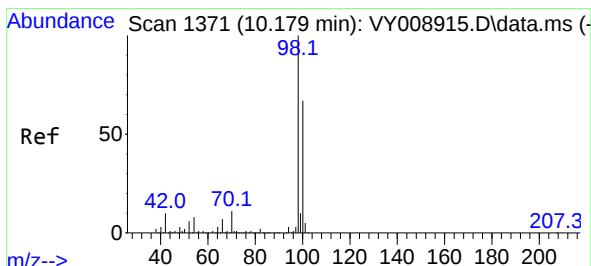
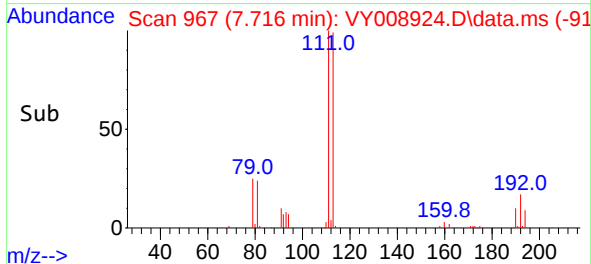
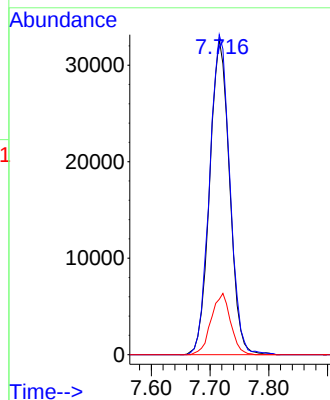
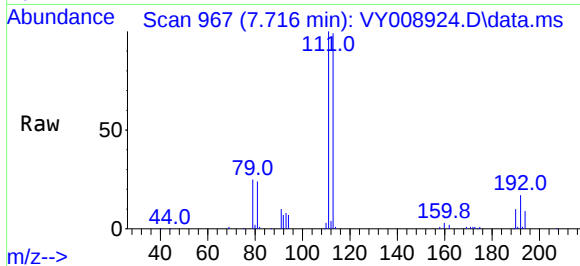




#35
Dibromofluoromethane
Concen: 51.634 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008924.D
Acq: 21 May 2022 00:05

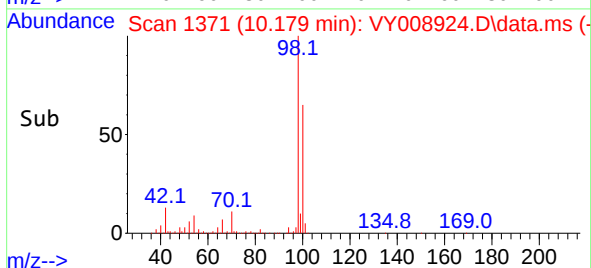
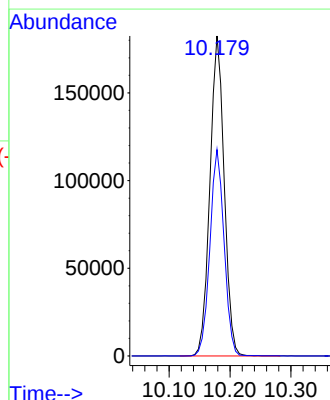
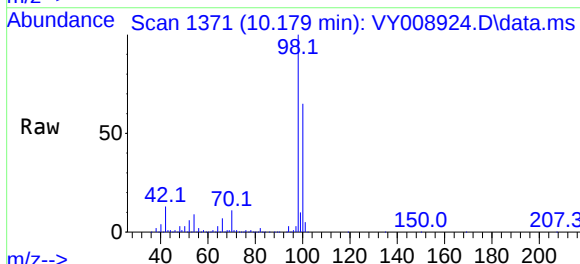
Instrument :
MSVOA_Y
ClientSampleId :
BI-2

Tgt Ion:113 Resp: 76742
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 19.0 17.6 26.4



#50
Toluene-d8
Concen: 54.187 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008924.D
Acq: 21 May 2022 00:05

Tgt Ion: 98 Resp: 297106
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2

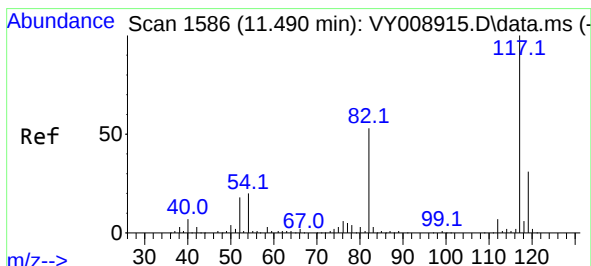
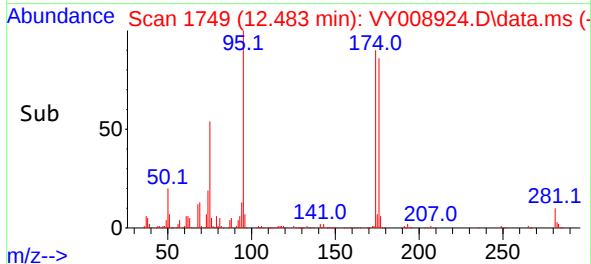
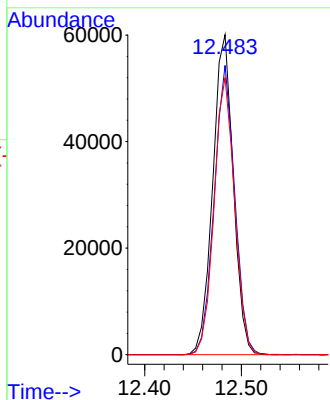
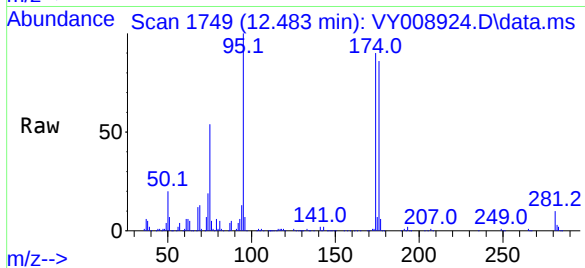




#62
4-Bromofluorobenzene
Concen: 40.049 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008924.D
Acq: 21 May 2022 00:05

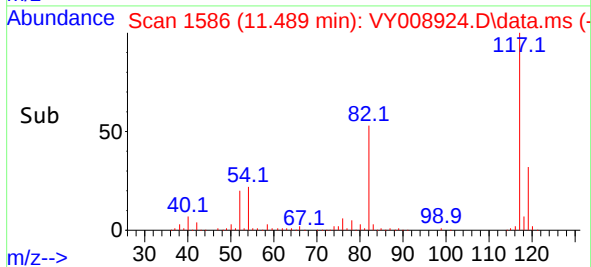
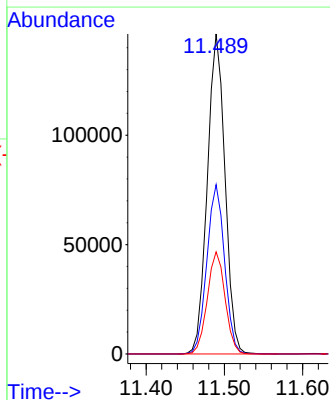
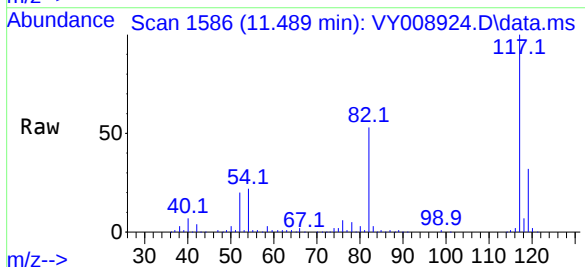
Instrument :
MSVOA_Y
ClientSampleId :
BI-2

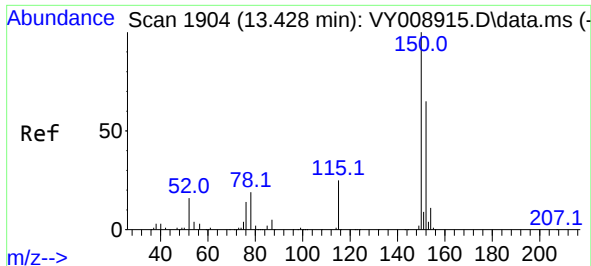
Tgt Ion: 95 Resp: 88579
Ion Ratio Lower Upper
95 100
174 90.4 0.0 177.0
176 86.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY008924.D
Acq: 21 May 2022 00:05

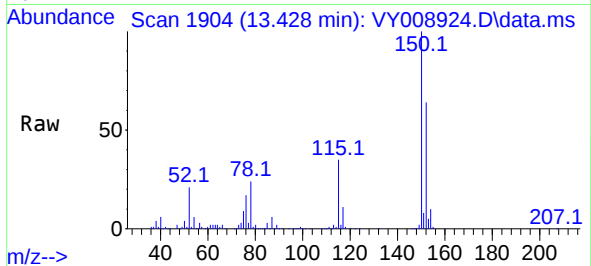
Tgt Ion: 117 Resp: 229073
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 31.9 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008924.D
 Acq: 21 May 2022 00:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 BI-2



Tgt Ion:	152	Resp:	99234
Ion Ratio	Lower	Upper	
152	100		
115	56.5	28.2	84.7
150	158.3	0.0	347.6

