

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
 Data File : VY009680.D
 Acq On : 25 Jul 2022 12:40
 Operator : KP/MD
 Sample : N3858-03
 Misc : 3.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-B

Quant Time: Jul 26 05:56:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

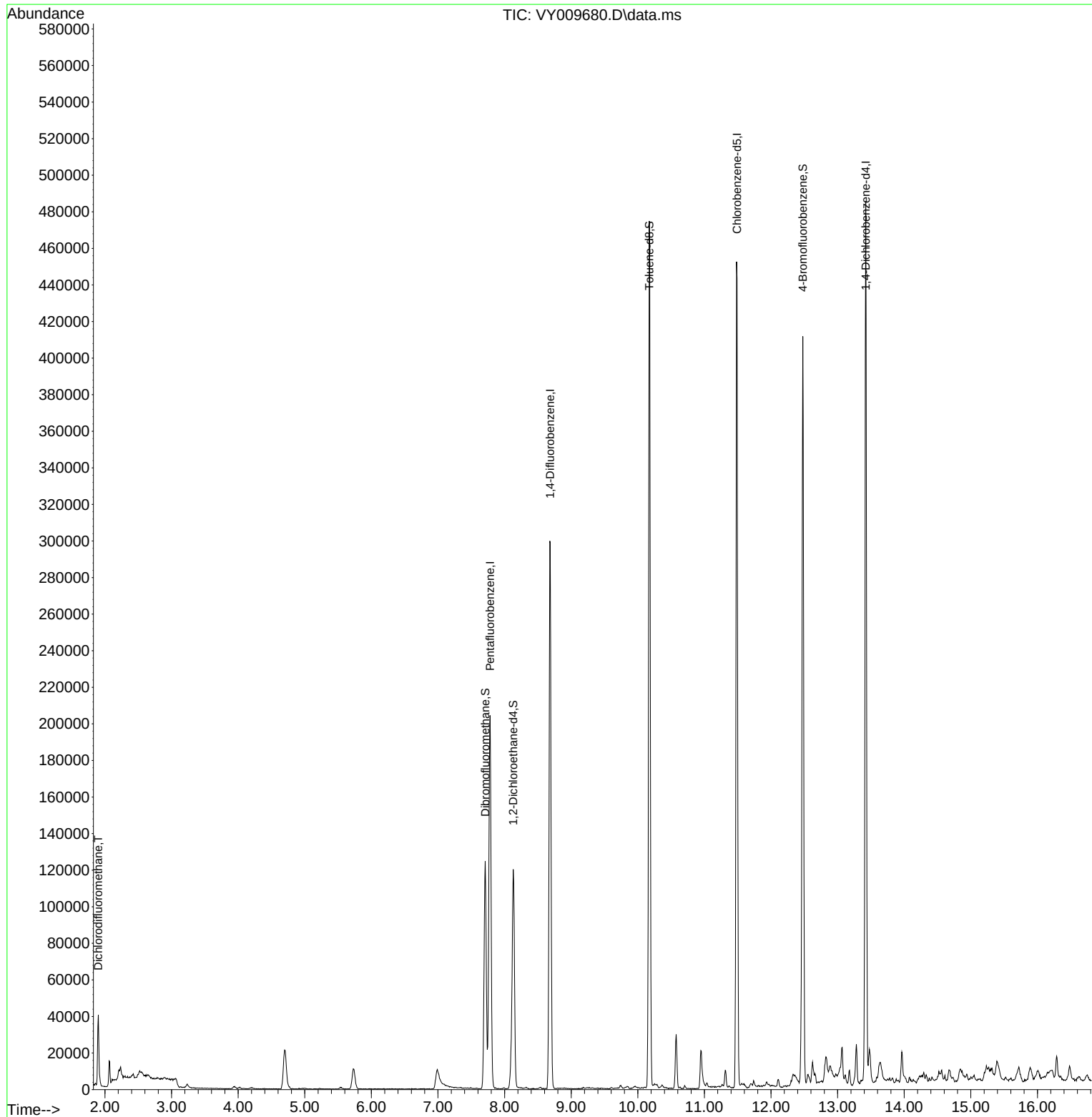
Internal Standards						
1) Pentafluorobenzene	7.783	168	172291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	272705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	264567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	88067	54.047	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.100%	
35) Dibromofluoromethane	7.710	113	85285	49.641	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.280%	
50) Toluene-d8	10.173	98	314229	47.577	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 95.160%	
62) 4-Bromofluorobenzene	12.477	95	112625	52.626	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 105.260%	
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	29874	19.761	ug/l	Qvalue 99

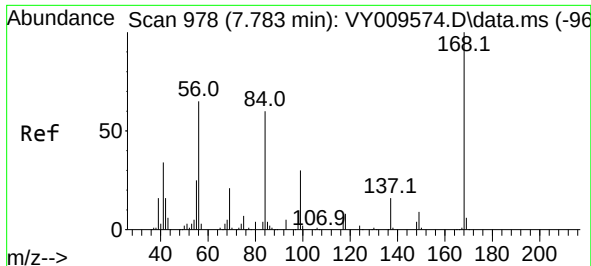
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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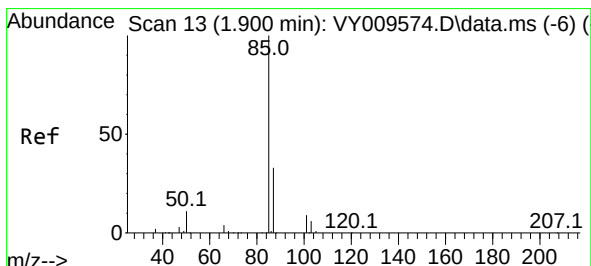
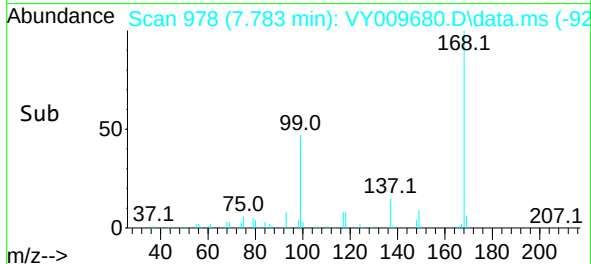
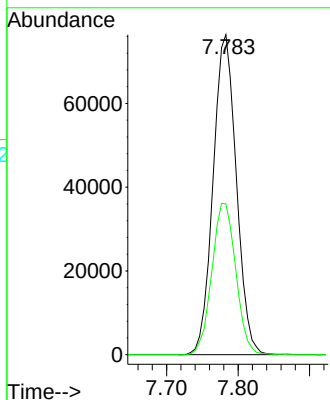
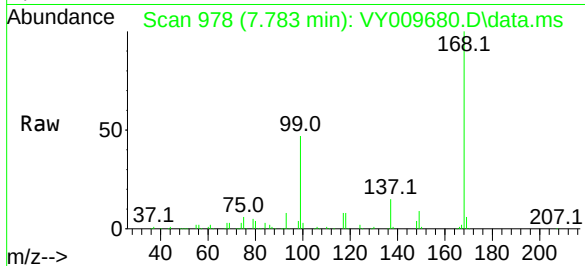




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009680.D
Acq: 25 Jul 2022 12:40

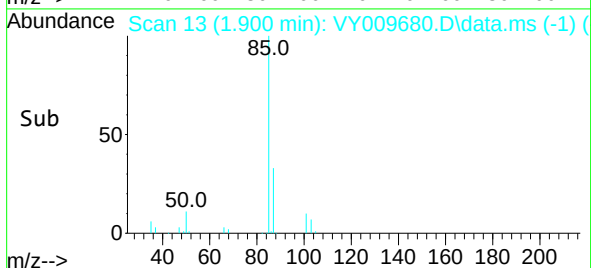
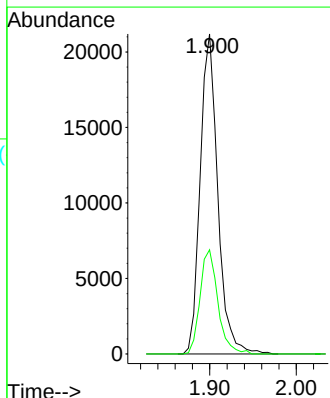
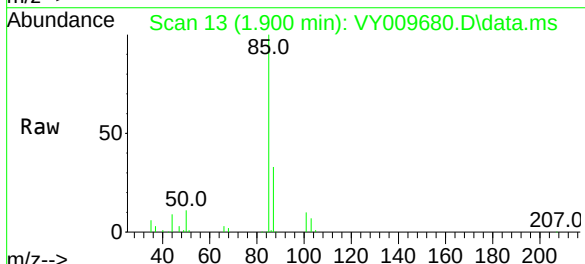
Instrument :
MSVOA_Y
ClientSampleId :
SB-B

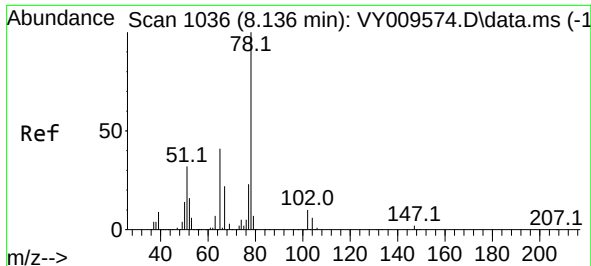
Tgt Ion:168 Resp: 172291
Ion Ratio Lower Upper
168 100
99 47.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 19.761 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009680.D
Acq: 25 Jul 2022 12:40

Tgt Ion: 85 Resp: 29874
Ion Ratio Lower Upper
85 100
87 32.5 16.1 48.2





#33

1,2-Dichloroethane-d4

Concen: 54.047 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009680.D

Acq: 25 Jul 2022 12:40

Instrument :

MSVOA_Y

ClientSampleId :

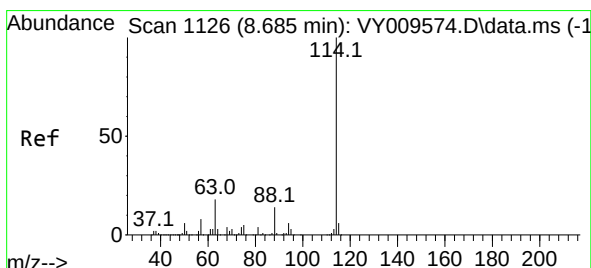
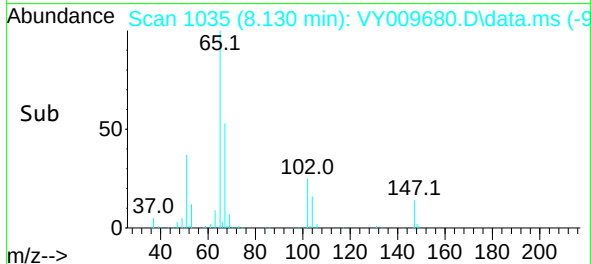
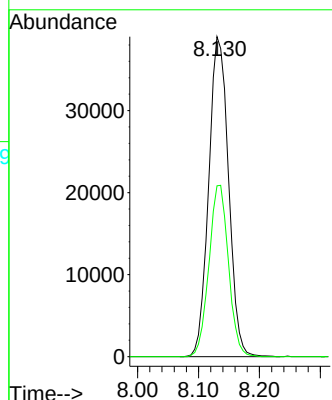
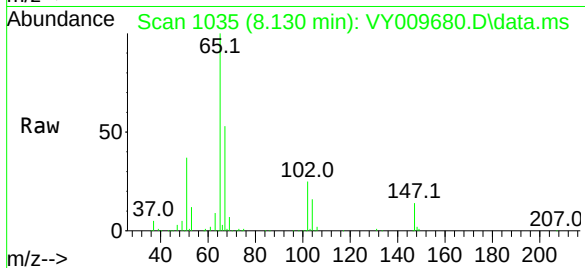
SB-B

Tgt Ion: 65 Resp: 88067

Ion Ratio Lower Upper

65 100

67 52.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009680.D

Acq: 25 Jul 2022 12:40

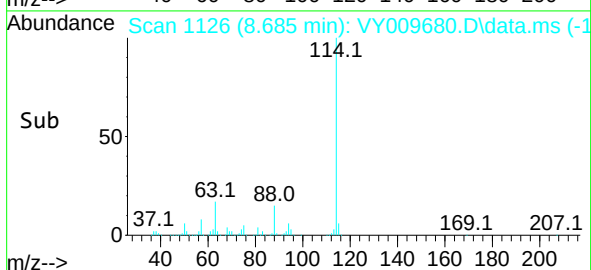
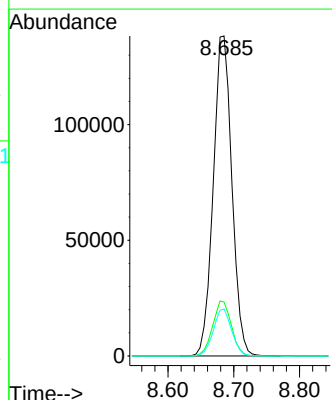
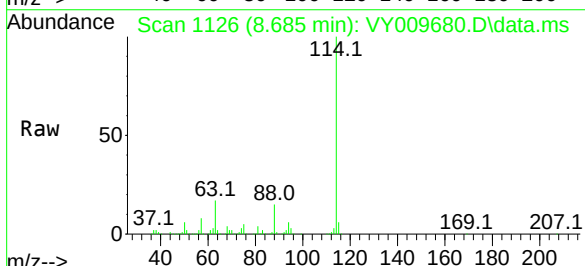
Tgt Ion: 114 Resp: 272705

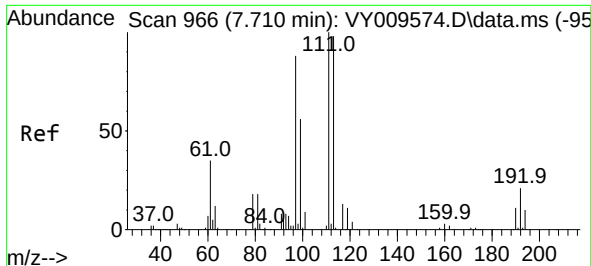
Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 14.7 0.0 31.8

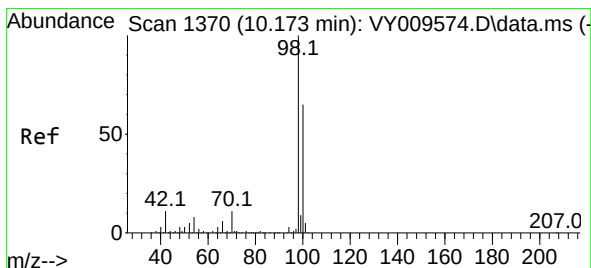
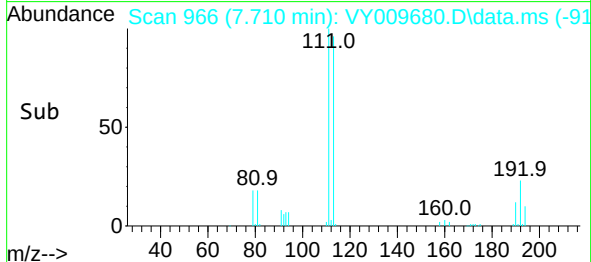
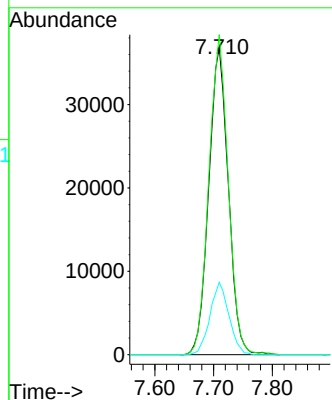
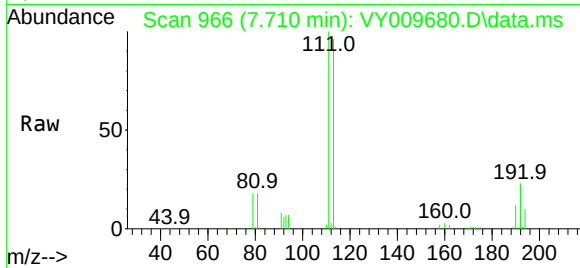




#35
Dibromofluoromethane
Concen: 49.641 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009680.D
Acq: 25 Jul 2022 12:40

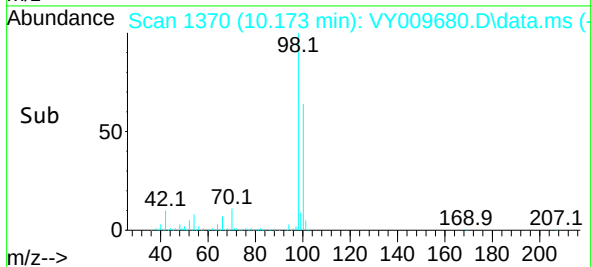
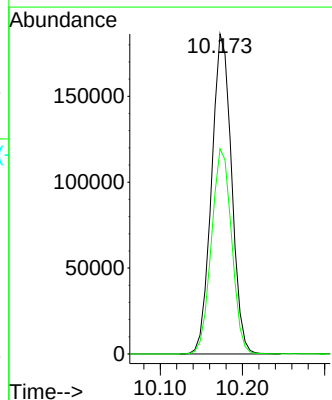
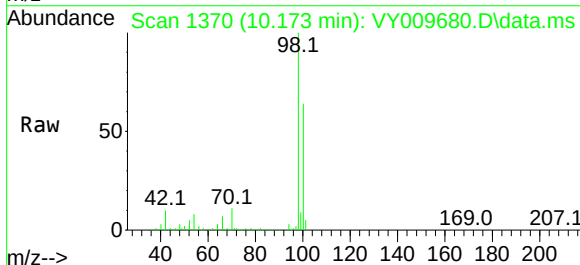
Instrument :
MSVOA_Y
ClientSampleId :
SB-B

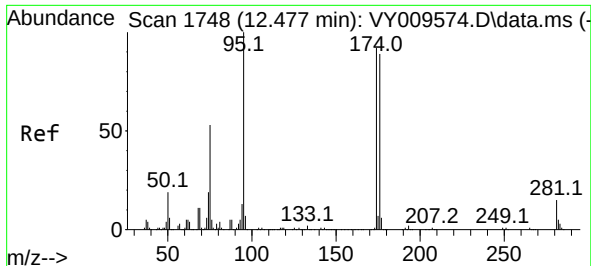
Tgt Ion:113 Resp: 85285
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 22.9 17.6 26.4



#50
Toluene-d8
Concen: 47.577 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009680.D
Acq: 25 Jul 2022 12:40

Tgt Ion: 98 Resp: 314229
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

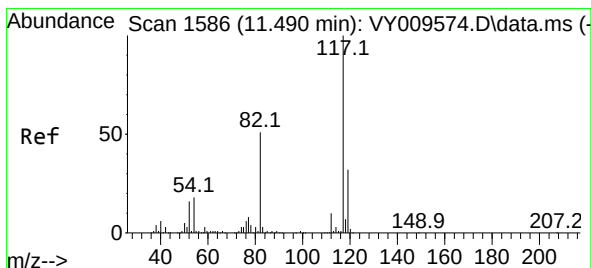
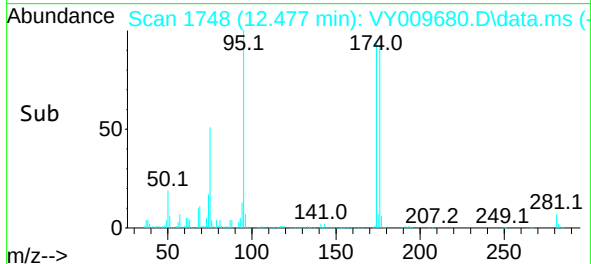
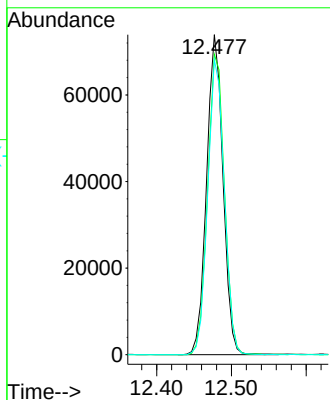
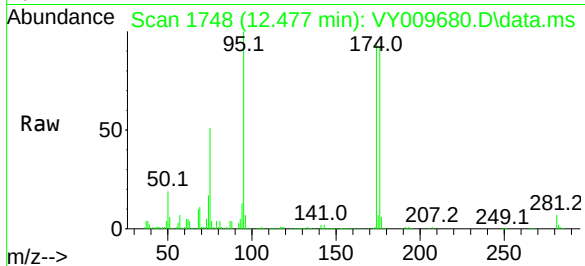




#62
4-Bromofluorobenzene
Concen: 52.626 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009680.D
Acq: 25 Jul 2022 12:40

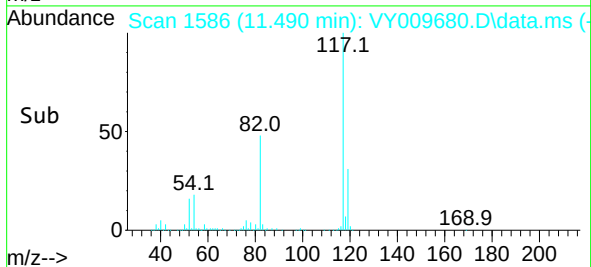
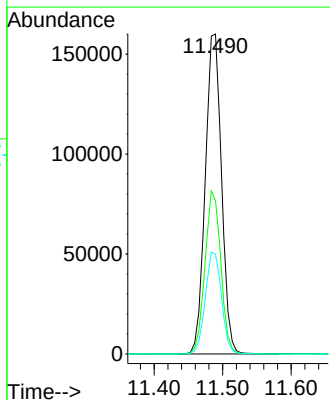
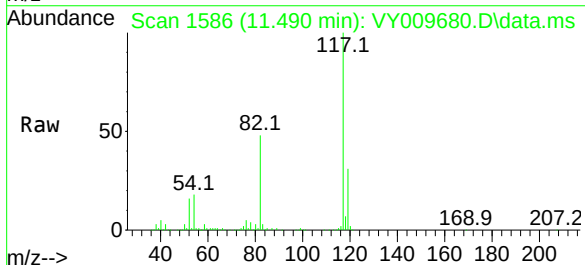
Instrument :
MSVOA_Y
ClientSampleId :
SB-B

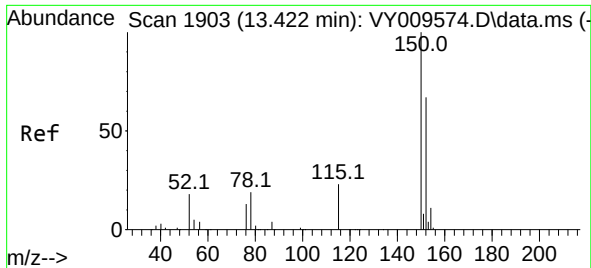
Tgt Ion: 95 Resp: 112625
Ion Ratio Lower Upper
95 100
174 96.2 0.0 177.0
176 93.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009680.D
Acq: 25 Jul 2022 12:40

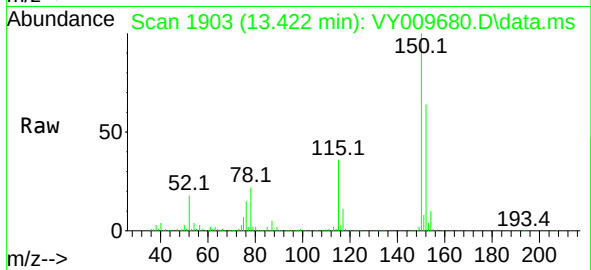
Tgt Ion: 117 Resp: 264567
Ion Ratio Lower Upper
117 100
82 48.0 43.0 64.4
119 31.1 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009680.D
 Acq: 25 Jul 2022 12:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-B



Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	28.2	84.7
150	155.9	0.0	347.6

