

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072622\
 Data File : VY009707.D
 Acq On : 26 Jul 2022 17:56
 Operator : KP/MD
 Sample : N3858-03
 Misc : 3.38g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-B

Quant Time: Jul 27 04:27:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

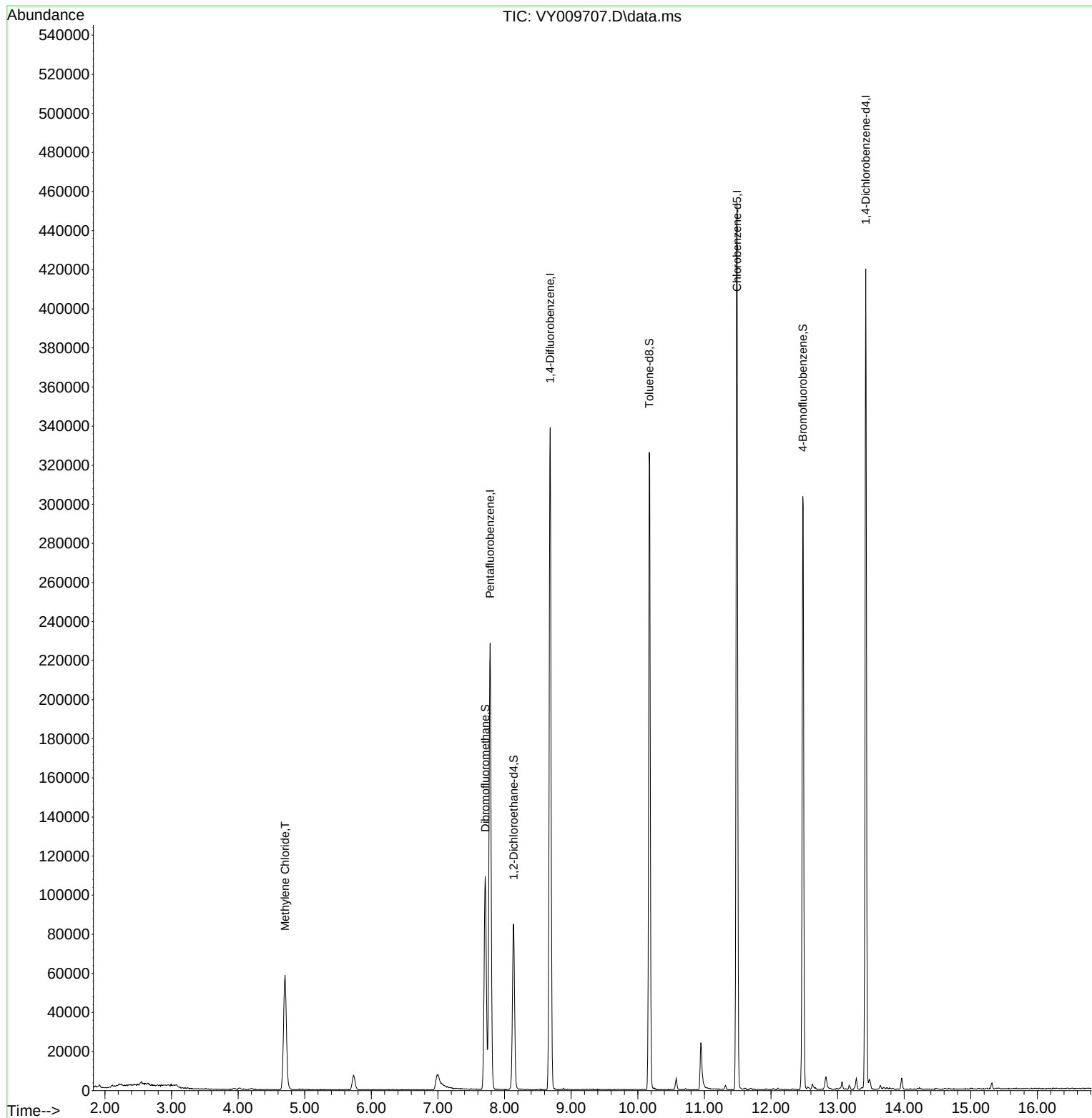
Internal Standards						
1) Pentafluorobenzene	7.783	168	187400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	299887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	260551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	110846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	65240	52.569	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.140%
35) Dibromofluoromethane	7.710	113	76917	47.159	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.320%
50) Toluene-d8	10.173	98	216024	45.059	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	90.120%
62) 4-Bromofluorobenzene	12.477	95	88054	40.715	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	81.440%
Target Compounds						
20) Methylene Chloride	4.704	84	45060	13.971	ug/l	Qvalue 85

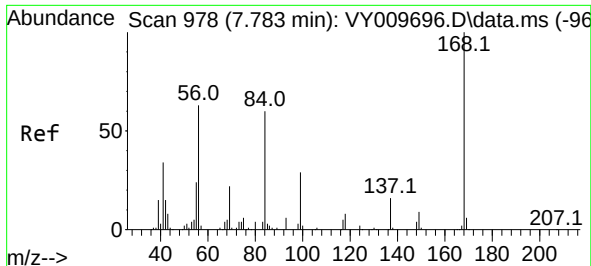
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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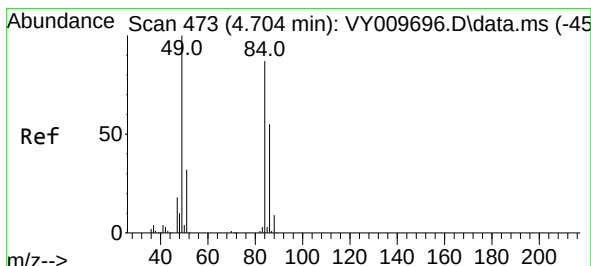
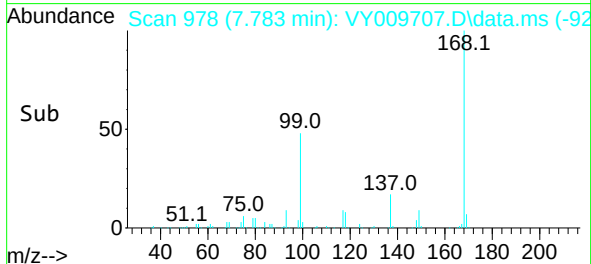
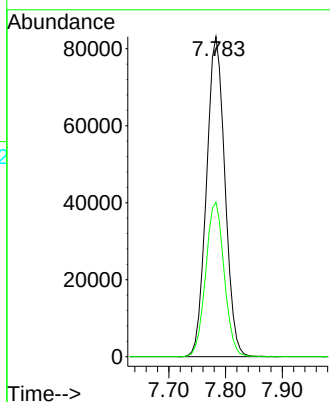
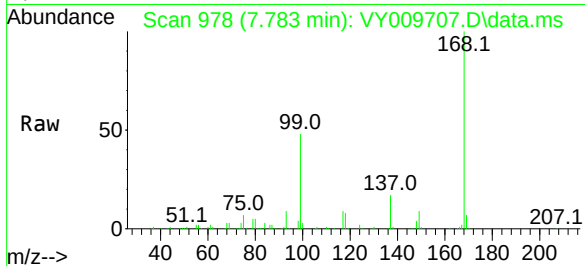




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009707.D
Acq: 26 Jul 2022 17:56

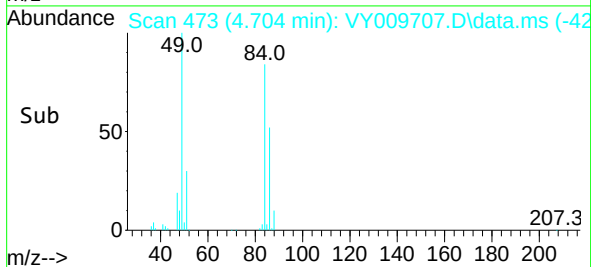
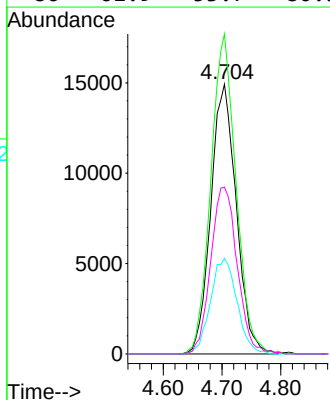
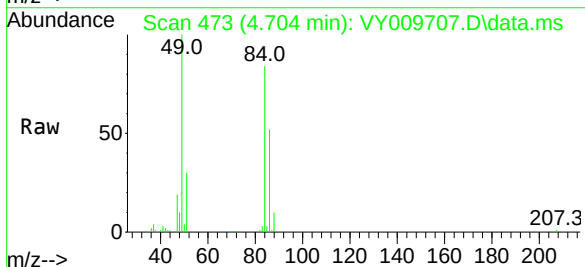
Instrument :
MSVOA_Y
ClientSampleId :
SB-B

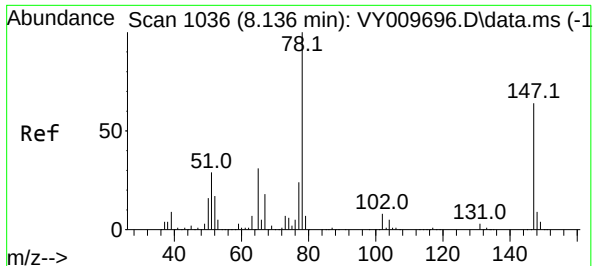
Tgt Ion:168 Resp: 187400
Ion Ratio Lower Upper
168 100
99 48.3 46.9 70.3



#20
Methylene Chloride
Concen: 13.971 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009707.D
Acq: 26 Jul 2022 17:56

Tgt Ion: 84 Resp: 45060
Ion Ratio Lower Upper
84 100
49 118.6 114.4 171.6
51 35.4 35.3 52.9
86 61.9 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 52.569 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY009707.D

Acq: 26 Jul 2022 17:56

Instrument :

MSVOA_Y

ClientSampleId :

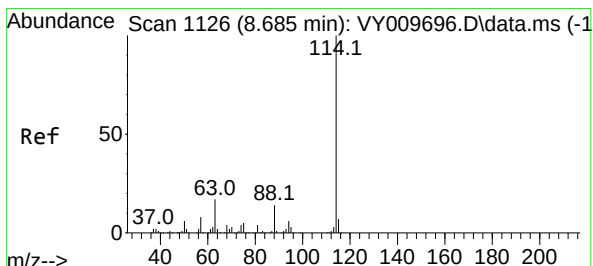
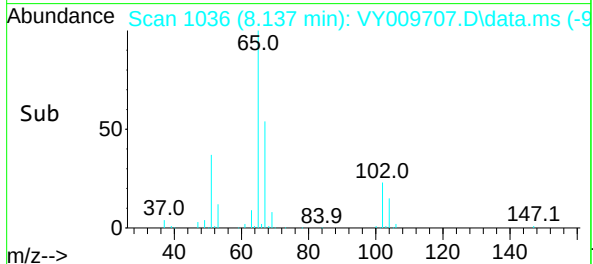
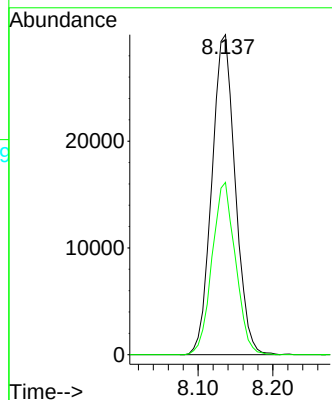
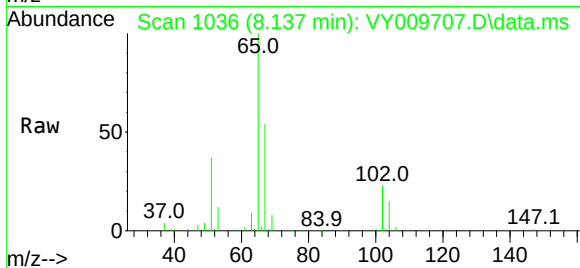
SB-B

Tgt Ion: 65 Resp: 65240

Ion Ratio Lower Upper

65 100

67 53.9 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: VY009707.D

Acq: 26 Jul 2022 17:56

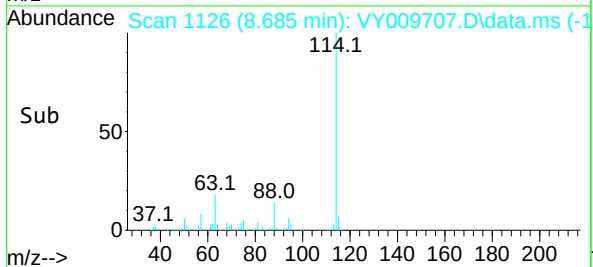
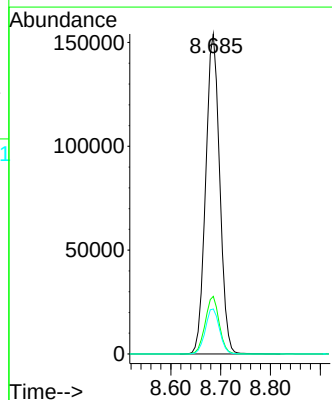
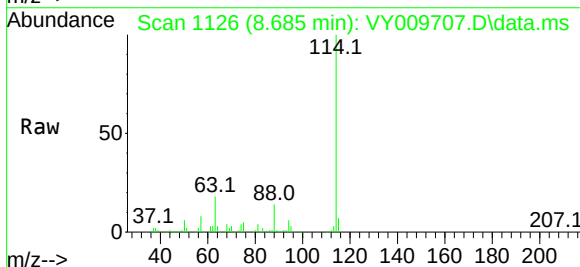
Tgt Ion: 114 Resp: 299887

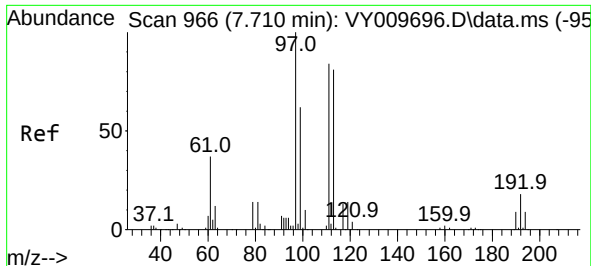
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.1 0.0 31.8

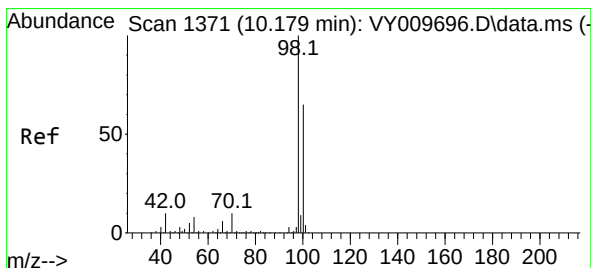
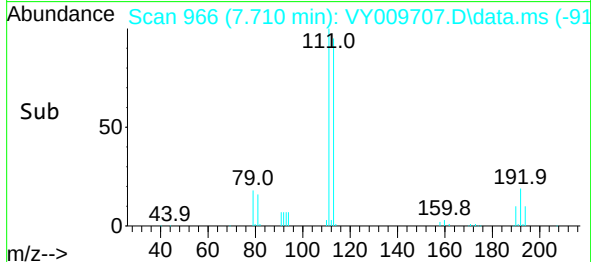
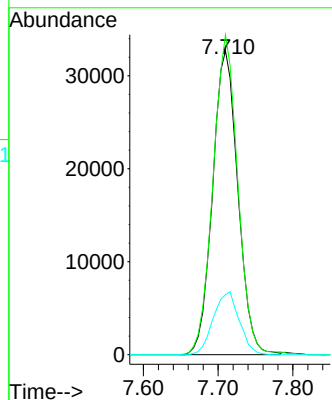
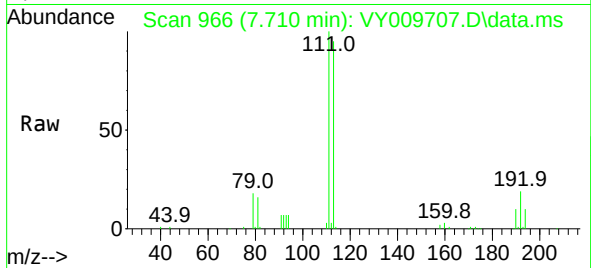




#35
Dibromofluoromethane
Concen: 47.159 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009707.D
Acq: 26 Jul 2022 17:56

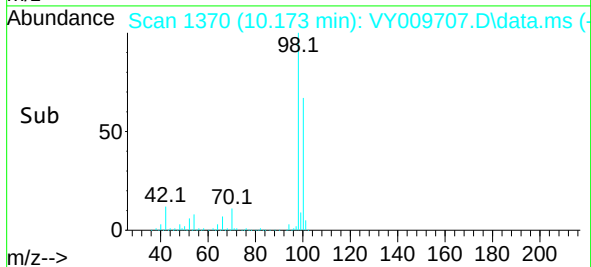
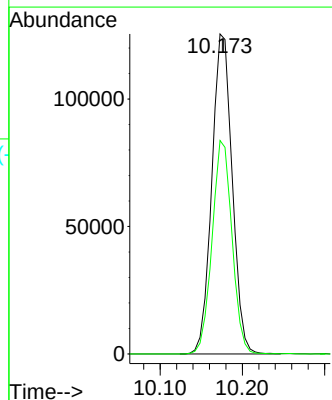
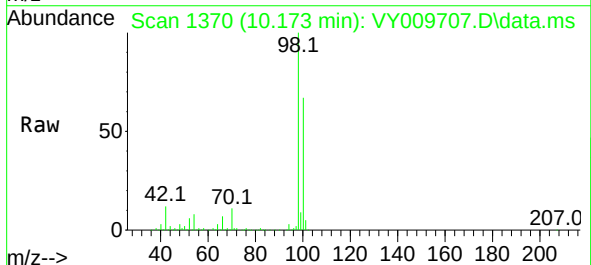
Instrument :
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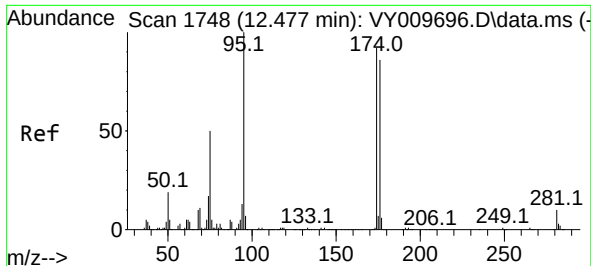
Tgt Ion:113 Resp: 76917
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 21.2 17.6 26.4



#50
Toluene-d8
Concen: 45.059 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009707.D
Acq: 26 Jul 2022 17:56

Tgt Ion: 98 Resp: 216024
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

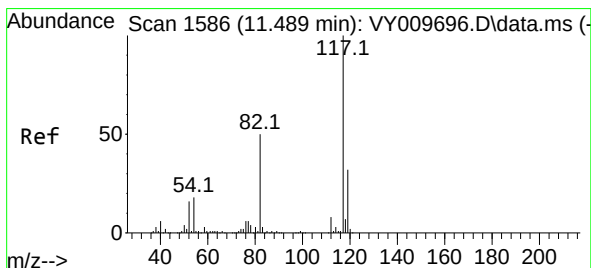
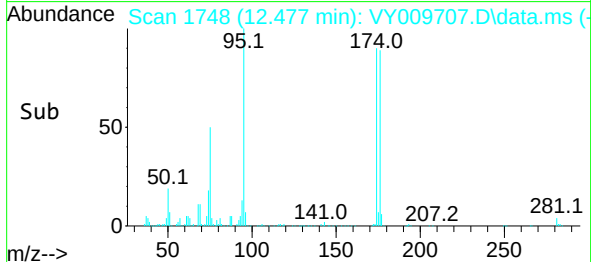
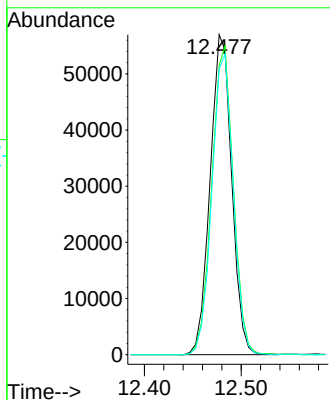
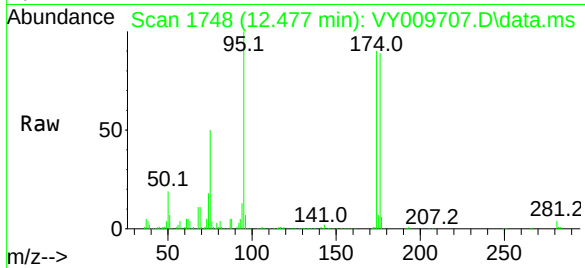




#62
4-Bromofluorobenzene
Concen: 40.715 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009707.D
Acq: 26 Jul 2022 17:56

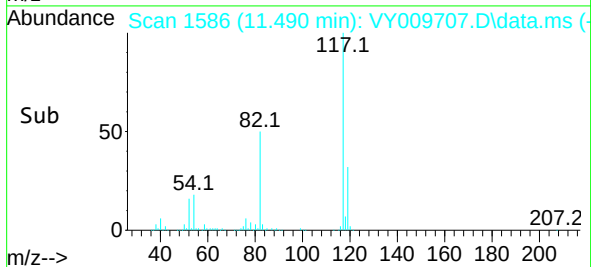
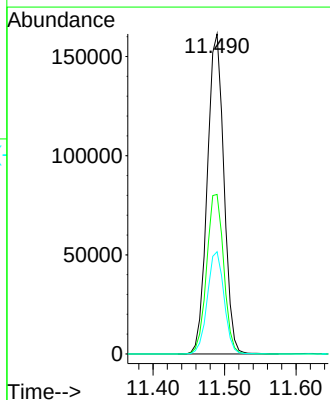
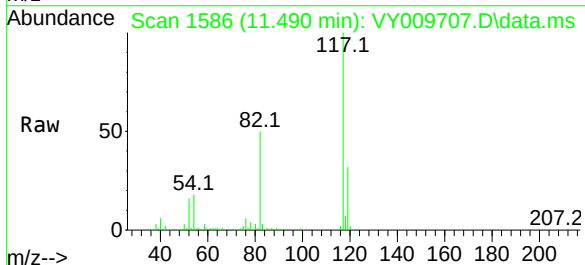
Instrument :
MSVOA_Y
ClientSampleId :
SB-B

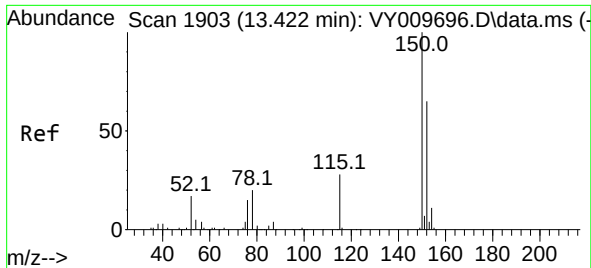
Tgt Ion: 95 Resp: 88054
Ion Ratio Lower Upper
95 100
174 96.6 0.0 177.0
176 92.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009707.D
Acq: 26 Jul 2022 17:56

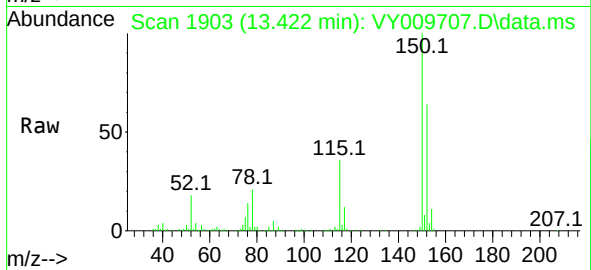
Tgt Ion: 117 Resp: 260551
Ion Ratio Lower Upper
117 100
82 49.8 43.0 64.4
119 32.0 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009707.D
 Acq: 26 Jul 2022 17:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-B



Tgt Ion:152 Resp: 110846
 Ion Ratio Lower Upper
 152 100
 115 54.1 28.2 84.7
 150 156.0 0.0 347.6

