

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071322\
 Data File : VY009559.D
 Acq On : 13 Jul 2022 15:40
 Operator : KP/MD
 Sample : N3597-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220507-COMPOSITE-B

Quant Time: Jul 14 02:45:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

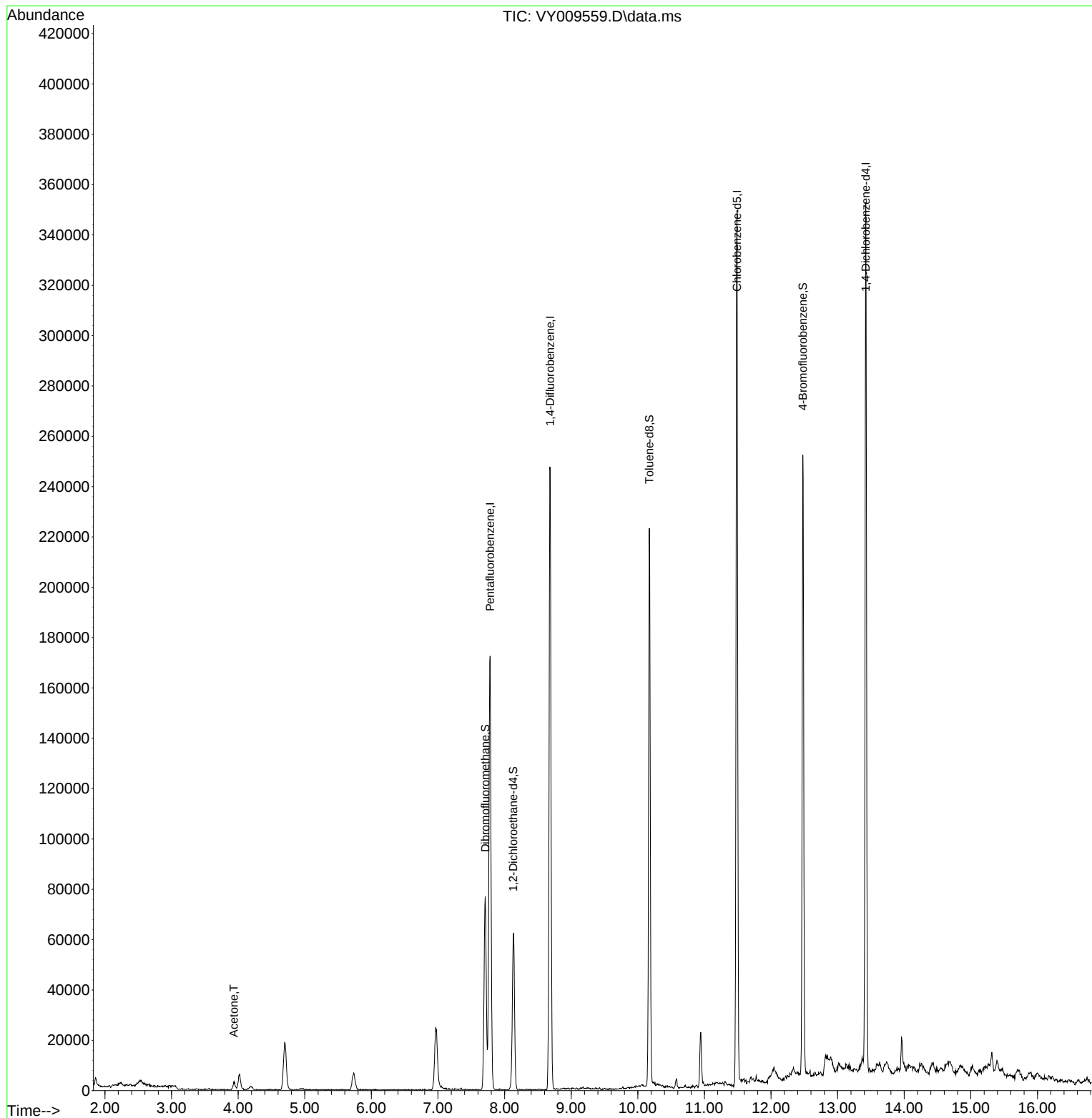
Internal Standards						
1) Pentafluorobenzene	7.783	168	135806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	211924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	189579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	85212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	47296	49.356	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.720%
35) Dibromofluoromethane	7.710	113	51396	46.092	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.180%
50) Toluene-d8	10.173	98	141318	45.491	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	90.980%
62) 4-Bromofluorobenzene	12.477	95	69311	44.034	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	88.060%
Target Compounds						
16) Acetone	3.936	43	5088	15.401	ug/l	Qvalue # 82

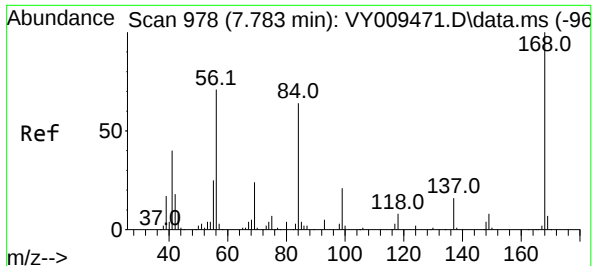
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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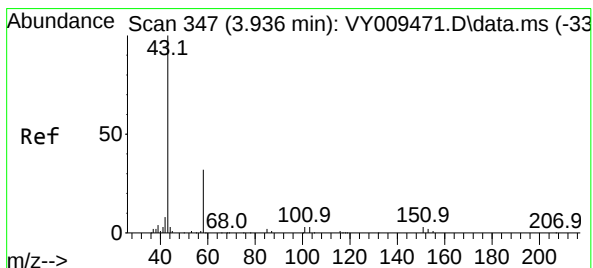
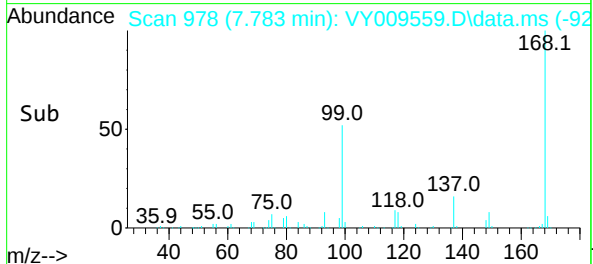
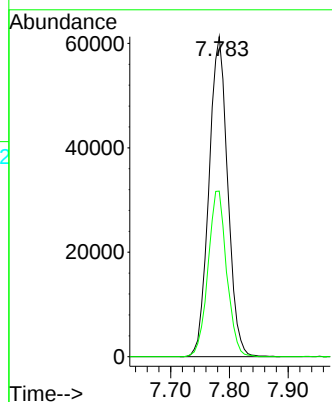
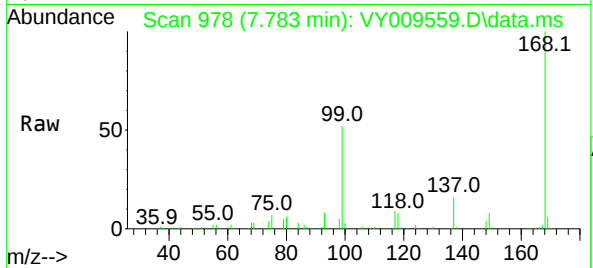




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009559.D
Acq: 13 Jul 2022 15:40

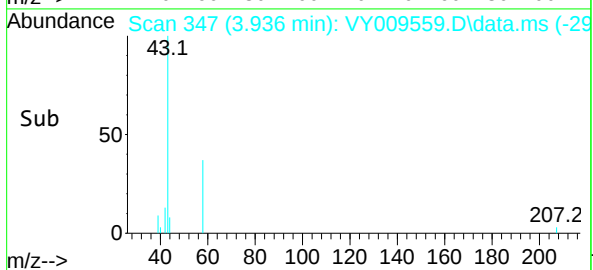
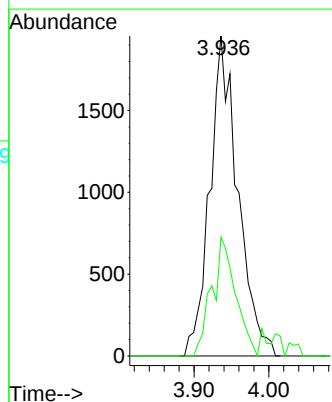
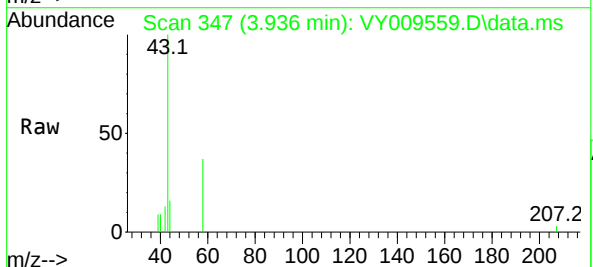
Instrument :
MSVOA_Y
ClientSampleId :
20220507-COMPOSITE-B

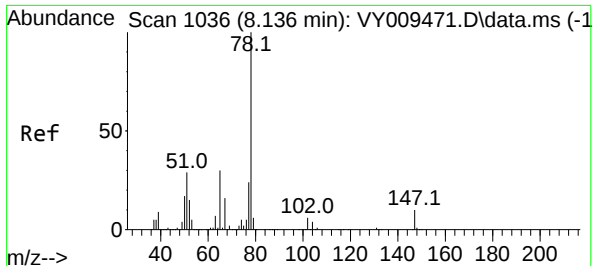
Tgt Ion:168 Resp: 135806
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#16
Acetone
Concen: 15.401 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009559.D
Acq: 13 Jul 2022 15:40

Tgt Ion: 43 Resp: 5088
Ion Ratio Lower Upper
43 100
58 37.1 22.0 33.0#

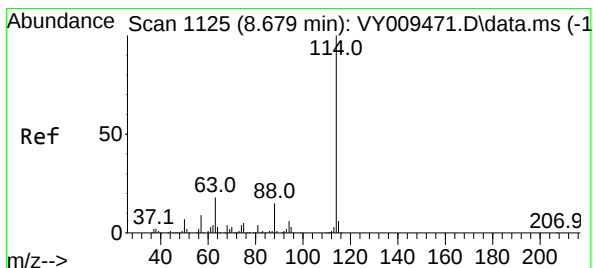
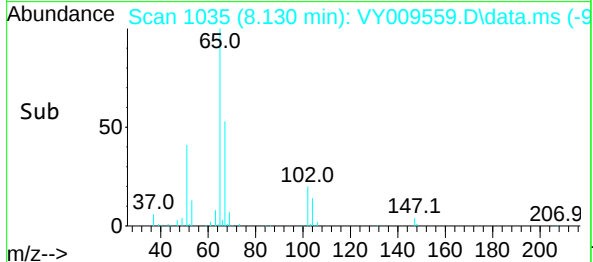
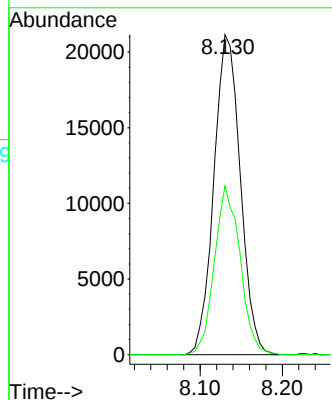
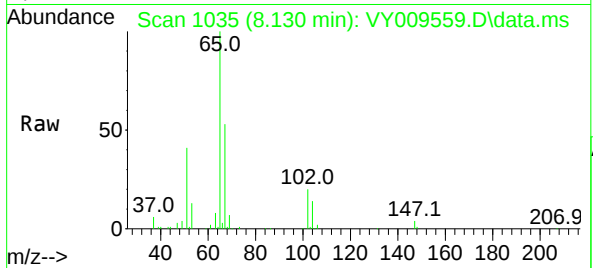




#33
 1,2-Dichloroethane-d4
 Concen: 49.356 ug/l
 RT: 8.130 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: VY009559.D
 Acq: 13 Jul 2022 15:40

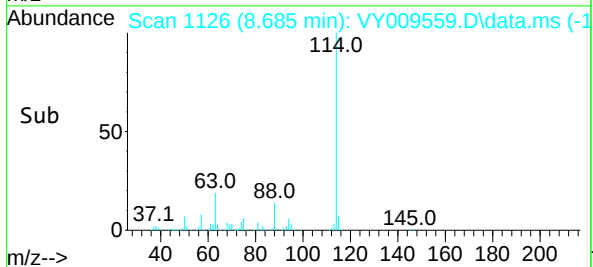
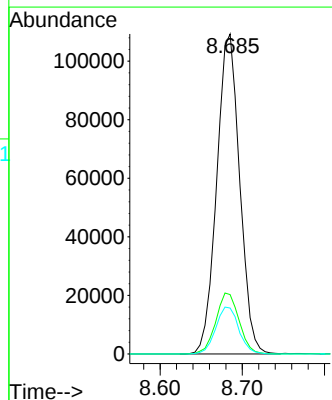
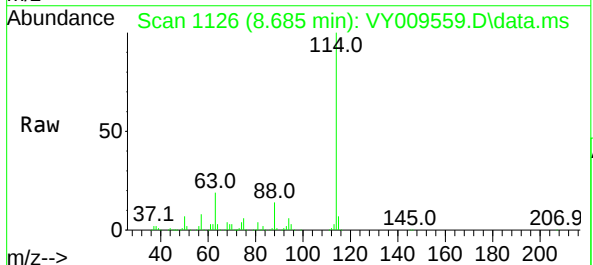
Instrument :
 MSVOA_Y
 ClientSampleId :
 20220507-COMPOSITE-B

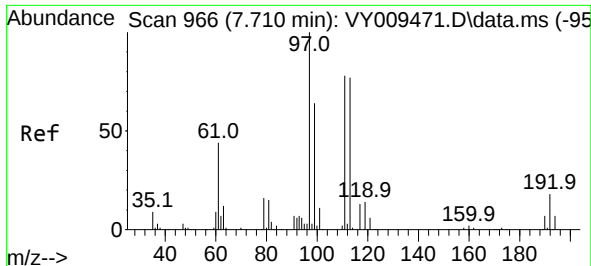
Tgt Ion: 65 Resp: 47296
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VY009559.D
 Acq: 13 Jul 2022 15:40

Tgt Ion: 114 Resp: 211924
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 43.2
 88 14.4 0.0 31.8

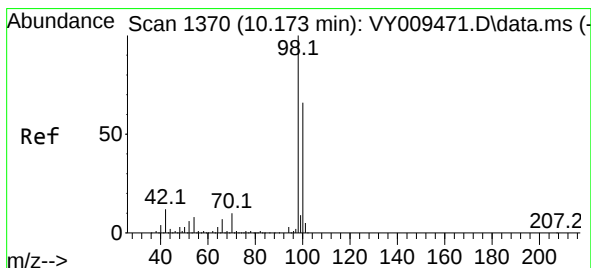
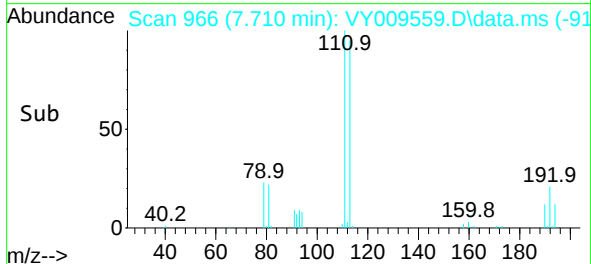
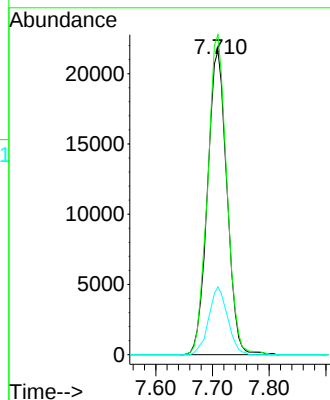
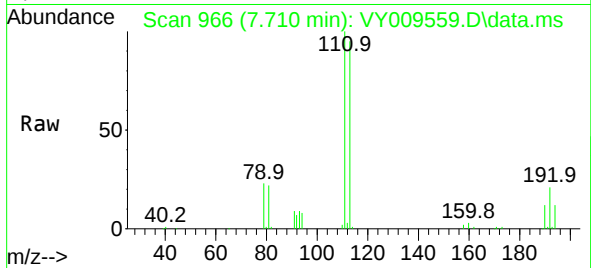




#35
Dibromofluoromethane
Concen: 46.092 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009559.D
Acq: 13 Jul 2022 15:40

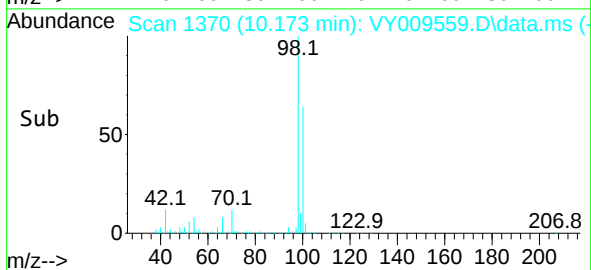
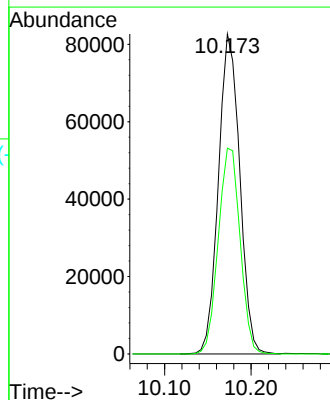
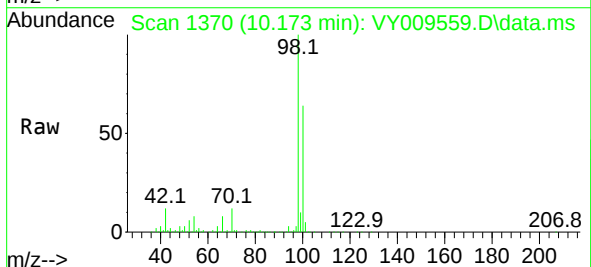
Instrument :
MSVOA_Y
ClientSampleId :
20220507-COMPOSITE-B

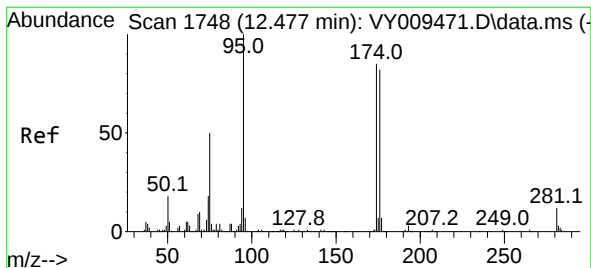
Tgt Ion:113 Resp: 51396
Ion Ratio Lower Upper
113 100
111 104.2 82.6 124.0
192 21.7 17.6 26.4



#50
Toluene-d8
Concen: 45.491 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009559.D
Acq: 13 Jul 2022 15:40

Tgt Ion: 98 Resp: 141318
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 44.034 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009559.D

Acq: 13 Jul 2022 15:40

Instrument :

MSVOA_Y

ClientSampleId :

20220507-COMPOSITE-B

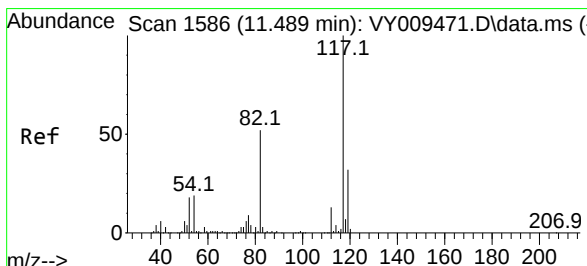
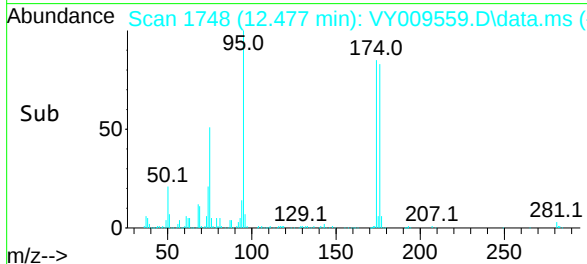
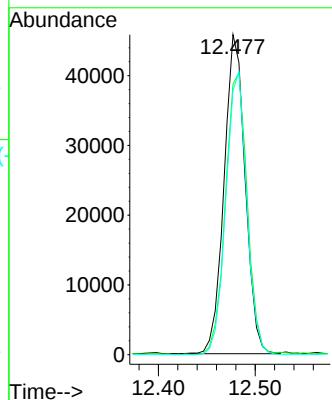
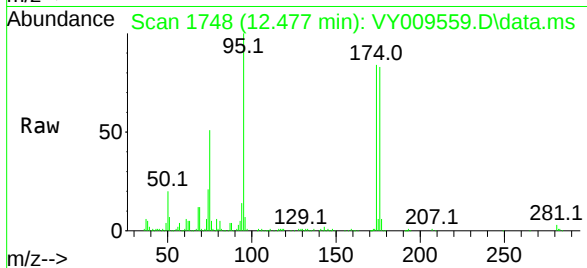
Tgt Ion: 95 Resp: 69311

Ion Ratio Lower Upper

95 100

174 91.8 0.0 177.0

176 87.4 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY009559.D

Acq: 13 Jul 2022 15:40

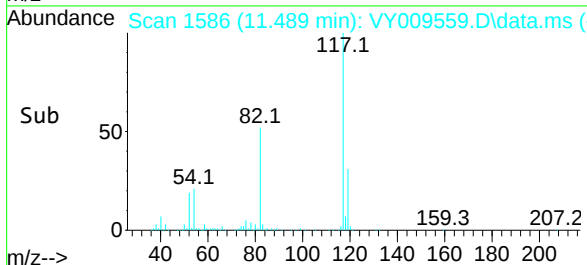
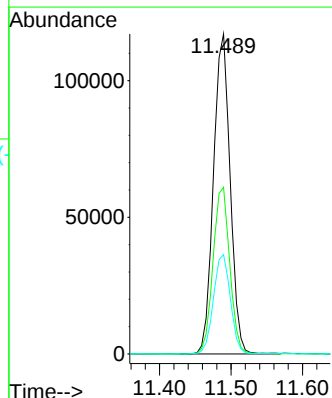
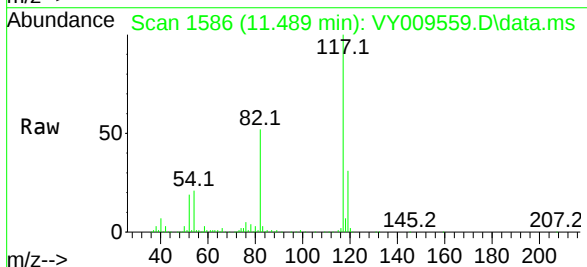
Tgt Ion: 117 Resp: 189579

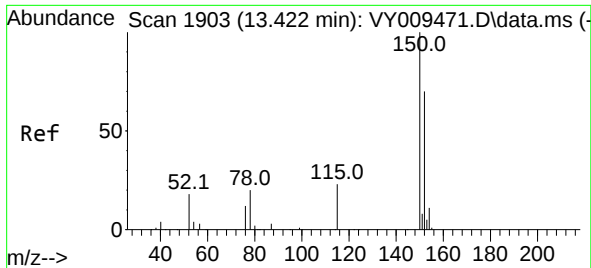
Ion Ratio Lower Upper

117 100

82 52.1 43.0 64.4

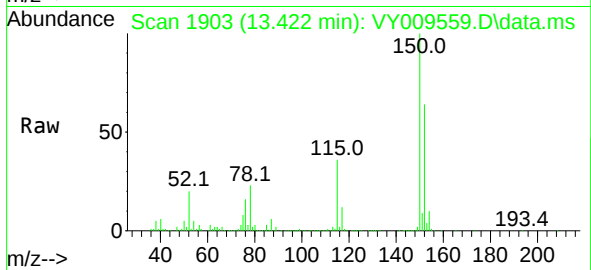
119 31.0 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009559.D
 Acq: 13 Jul 2022 15:40

Instrument : MSVOA_Y
 ClientSampleId : 20220507-COMPOSITE-B



Tgt Ion:	152	Resp:	85212
Ion Ratio	Lower	Upper	
152	100		
115	55.9	28.2	84.7
150	158.1	0.0	347.6

