

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009721.D
 Acq On : 27 Jul 2022 13:55
 Operator : KP/MD
 Sample : N3886-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WH-1

Quant Time: Jul 28 02:45:19 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)

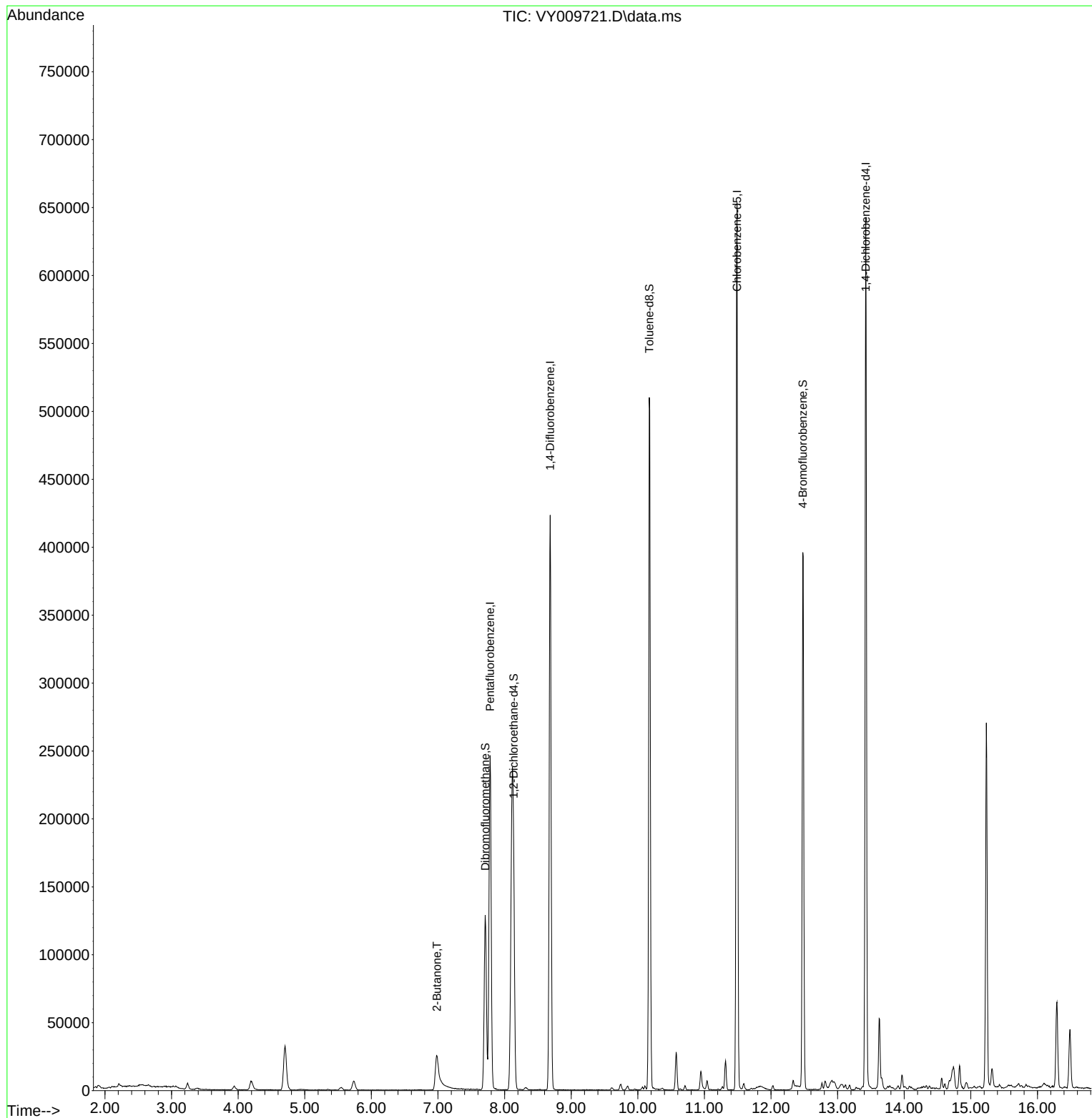
Internal Standards						
1) Pentafluorobenzene	7.783	168	207234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	376926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	362612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	92880	69.331	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.660%
35) Dibromofluoromethane	7.710	113	90928	44.355	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.720%
50) Toluene-d8	10.173	98	335409	56.752	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	113.500%
62) 4-Bromofluorobenzene	12.477	95	113705	41.830	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	83.660%
Target Compounds						
25) 2-Butanone	6.984	43	1861	2.546	ug/l	Qvalue # 81

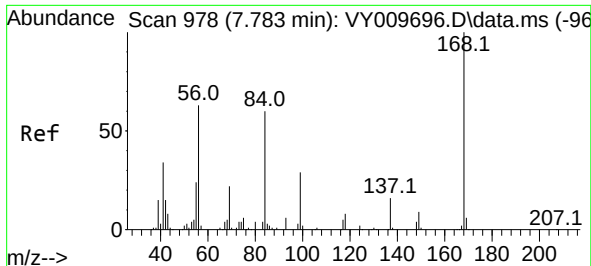
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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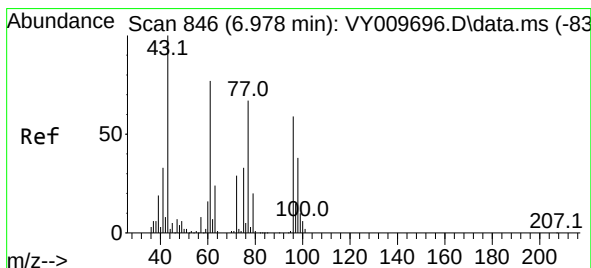
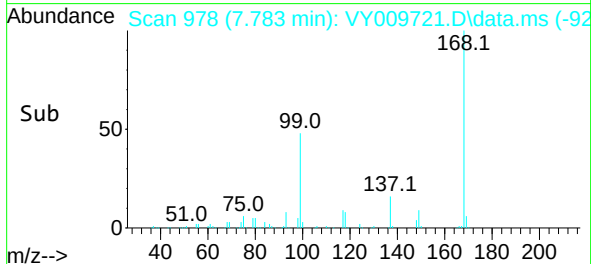
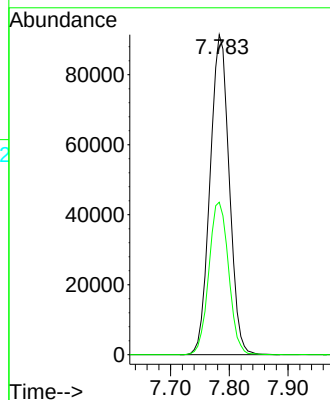
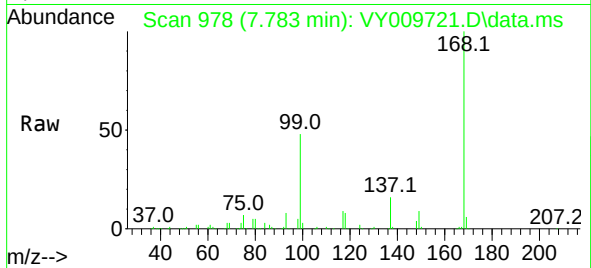




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009721.D
Acq: 27 Jul 2022 13:55

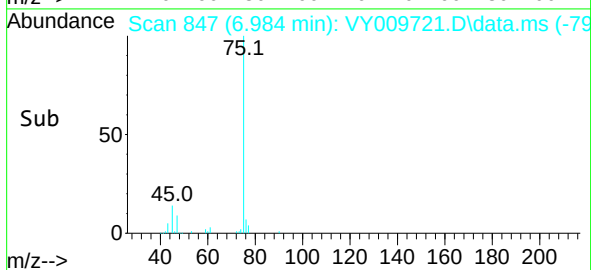
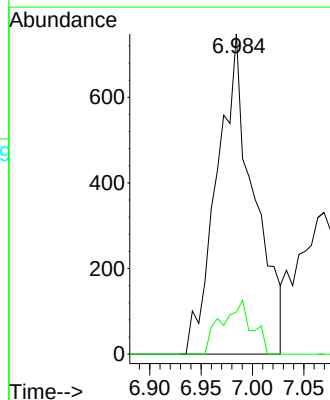
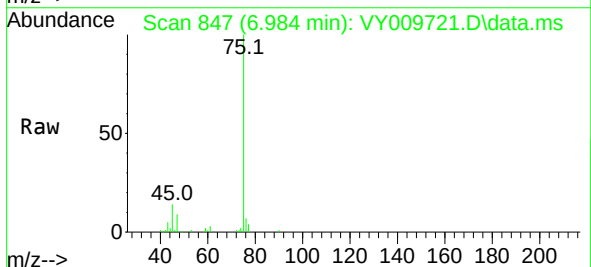
Instrument :
MSVOA_Y
ClientSampleId :
WH-1

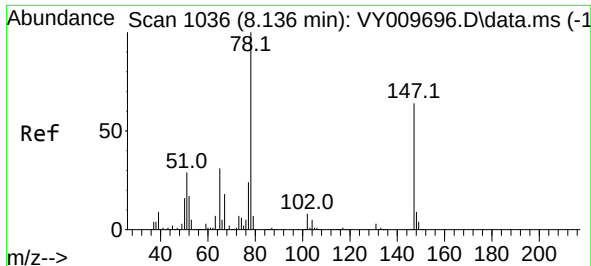
Tgt Ion:168 Resp: 207234
Ion Ratio Lower Upper
168 100
99 47.6 46.9 70.3



#25
2-Butanone
Concen: 2.546 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009721.D
Acq: 27 Jul 2022 13:55

Tgt Ion: 43 Resp: 1861
Ion Ratio Lower Upper
43 100
72 13.1 17.7 26.5#

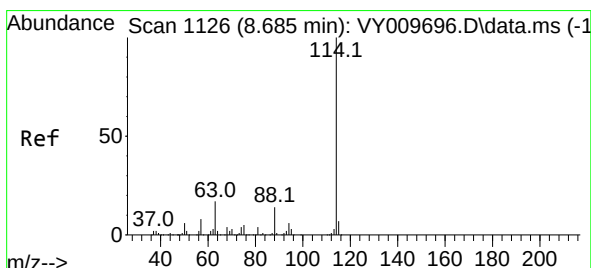
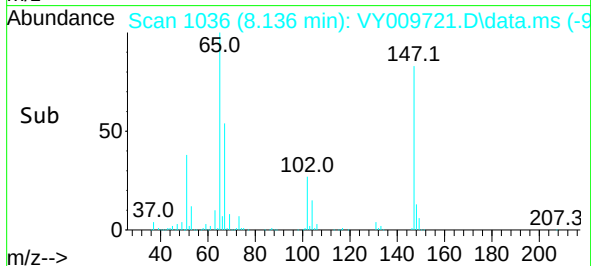
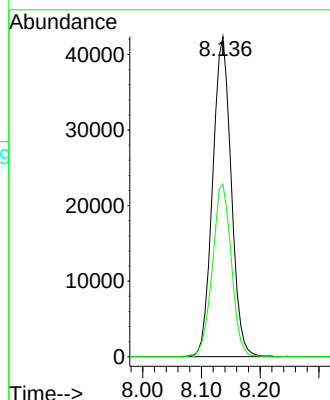
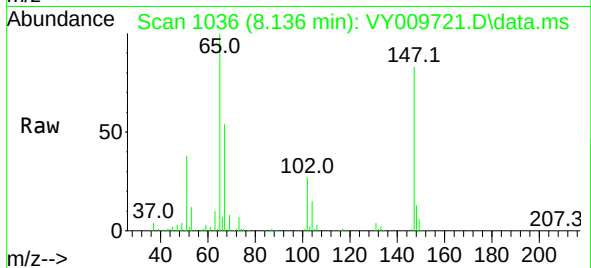




#33
 1,2-Dichloroethane-d4
 Concen: 69.331 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY009721.D
 Acq: 27 Jul 2022 13:55

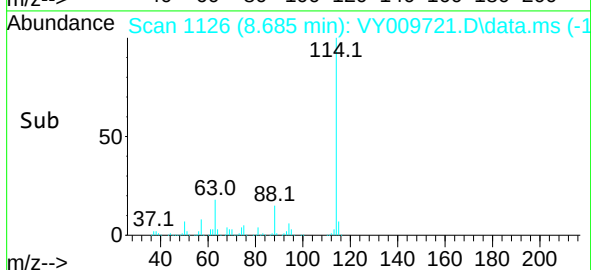
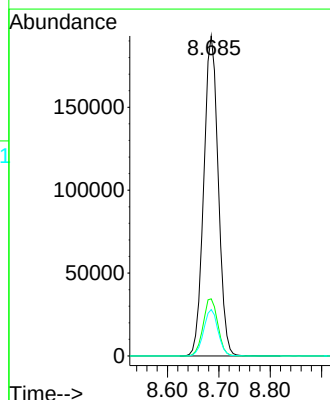
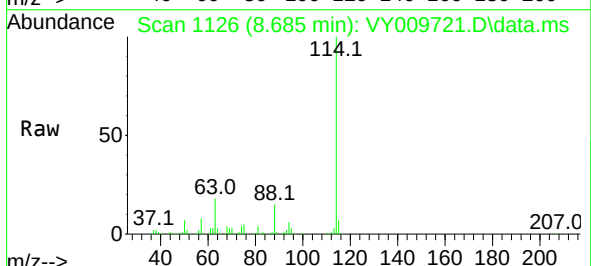
Instrument :
 MSVOA_Y
 ClientSampleId :
 WH-1

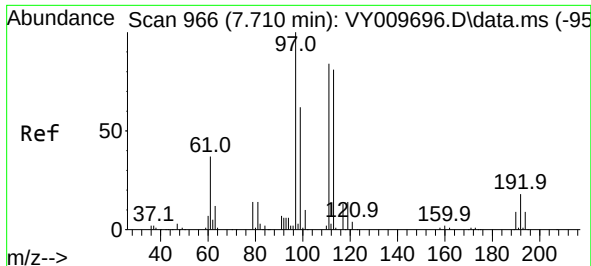
Tgt Ion: 65 Resp: 92880
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009721.D
 Acq: 27 Jul 2022 13:55

Tgt Ion: 114 Resp: 376926
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 43.2
 88 14.5 0.0 31.8

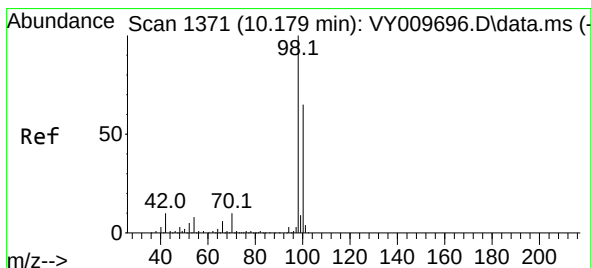
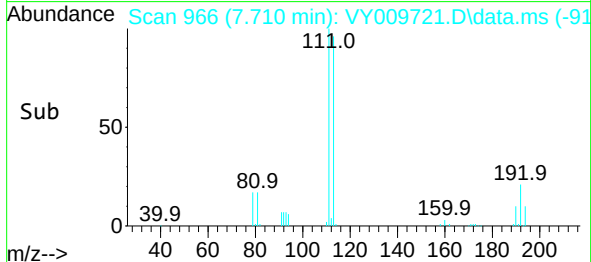
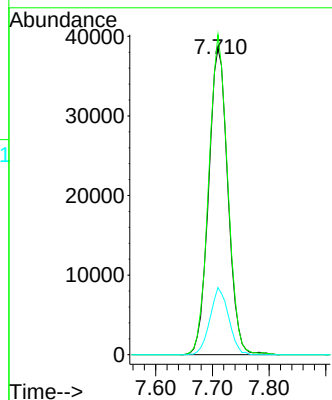
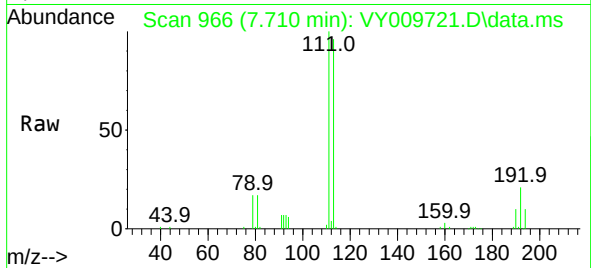




#35
Dibromofluoromethane
Concen: 44.355 ug/l
RT: 7.710 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY009721.D
Acq: 27 Jul 2022 13:55

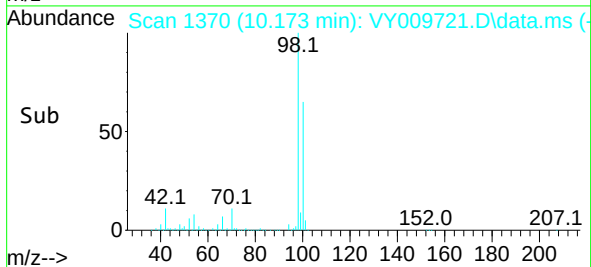
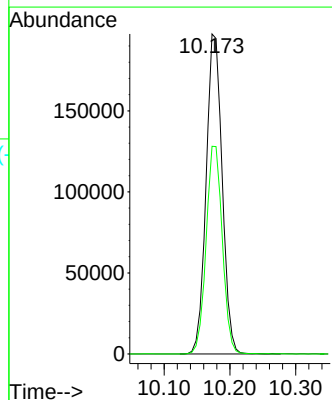
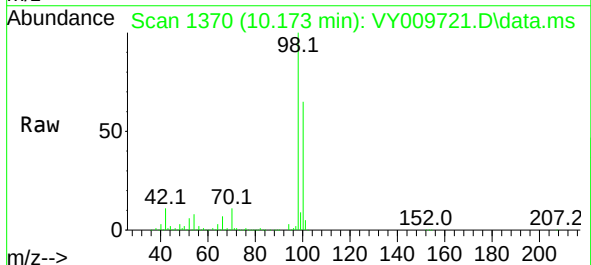
Instrument :
MSVOA_Y
ClientSampleId :
WH-1

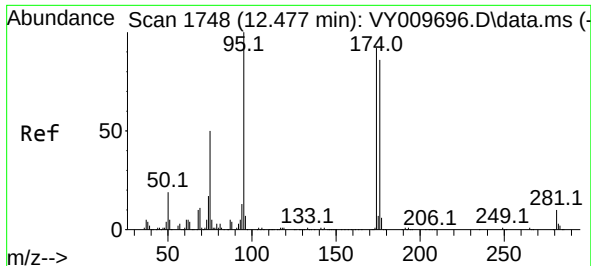
Tgt Ion:	113	Resp:	90928
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	124.0
192	21.2	17.6	26.4



#50
Toluene-d8
Concen: 56.752 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009721.D
Acq: 27 Jul 2022 13:55

Tgt Ion:	98	Resp:	335409
Ion	Ratio	Lower	Upper
98	100		
100	65.5	50.2	75.2

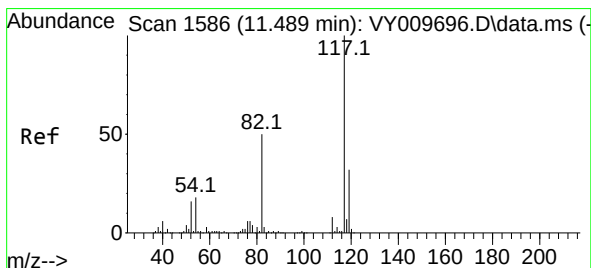
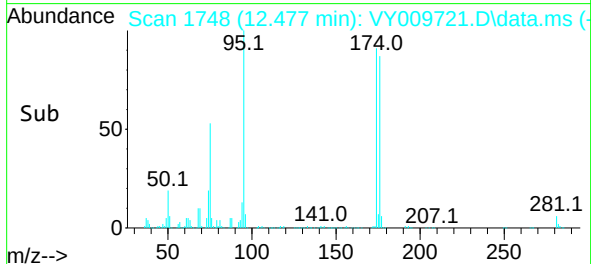
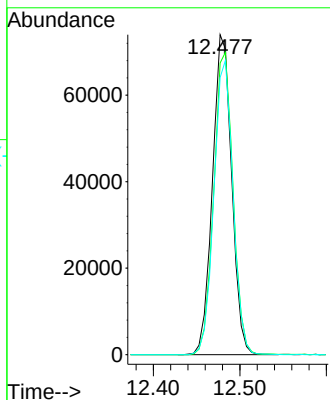
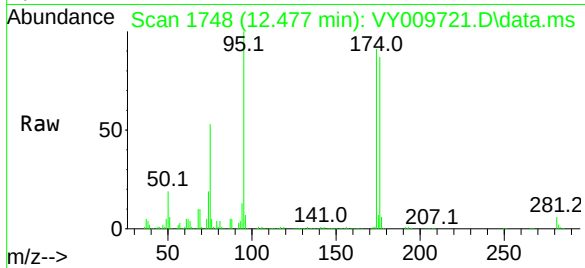




#62
4-Bromofluorobenzene
Concen: 41.830 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009721.D
Acq: 27 Jul 2022 13:55

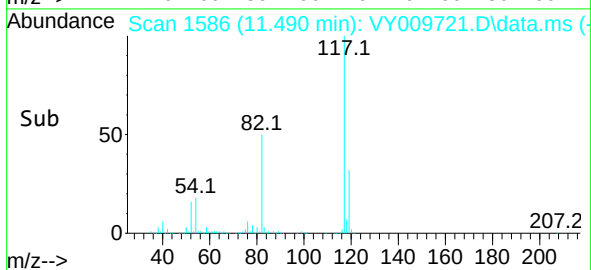
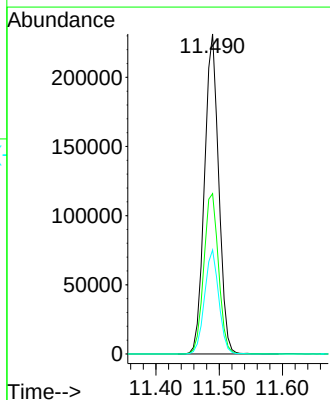
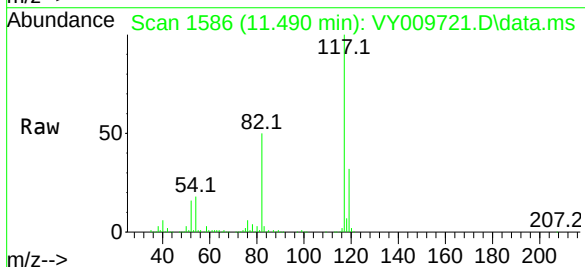
Instrument :
MSVOA_Y
ClientSampleId :
WH-1

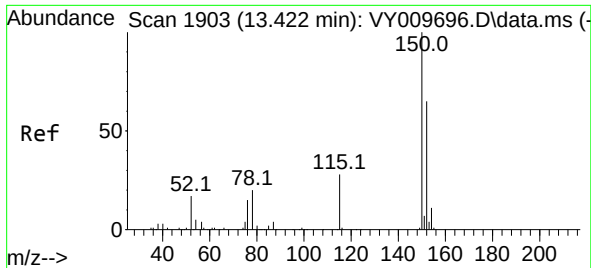
Tgt Ion: 95 Resp: 113705
Ion Ratio Lower Upper
95 100
174 94.8 0.0 177.0
176 91.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009721.D
Acq: 27 Jul 2022 13:55

Tgt Ion: 117 Resp: 362612
Ion Ratio Lower Upper
117 100
82 50.1 43.0 64.4
119 32.5 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: VY009721.D

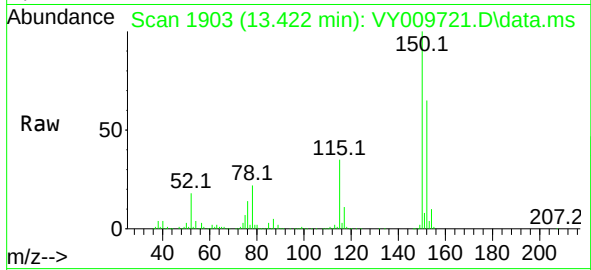
Acq: 27 Jul 2022 13:55

Instrument :

MSVOA_Y

ClientSampleId :

WH-1



Tgt Ion:152 Resp: 170213

Ion Ratio Lower Upper

152 100

115 53.8 28.2 84.7

150 156.7 0.0 347.6

