

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009720.D
 Acq On : 27 Jul 2022 13:31
 Operator : KP/MD
 Sample : N3839-05
 Misc : 5.69g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ENV-DE-WC-1

Quant Time: Jul 28 02:45:11 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)

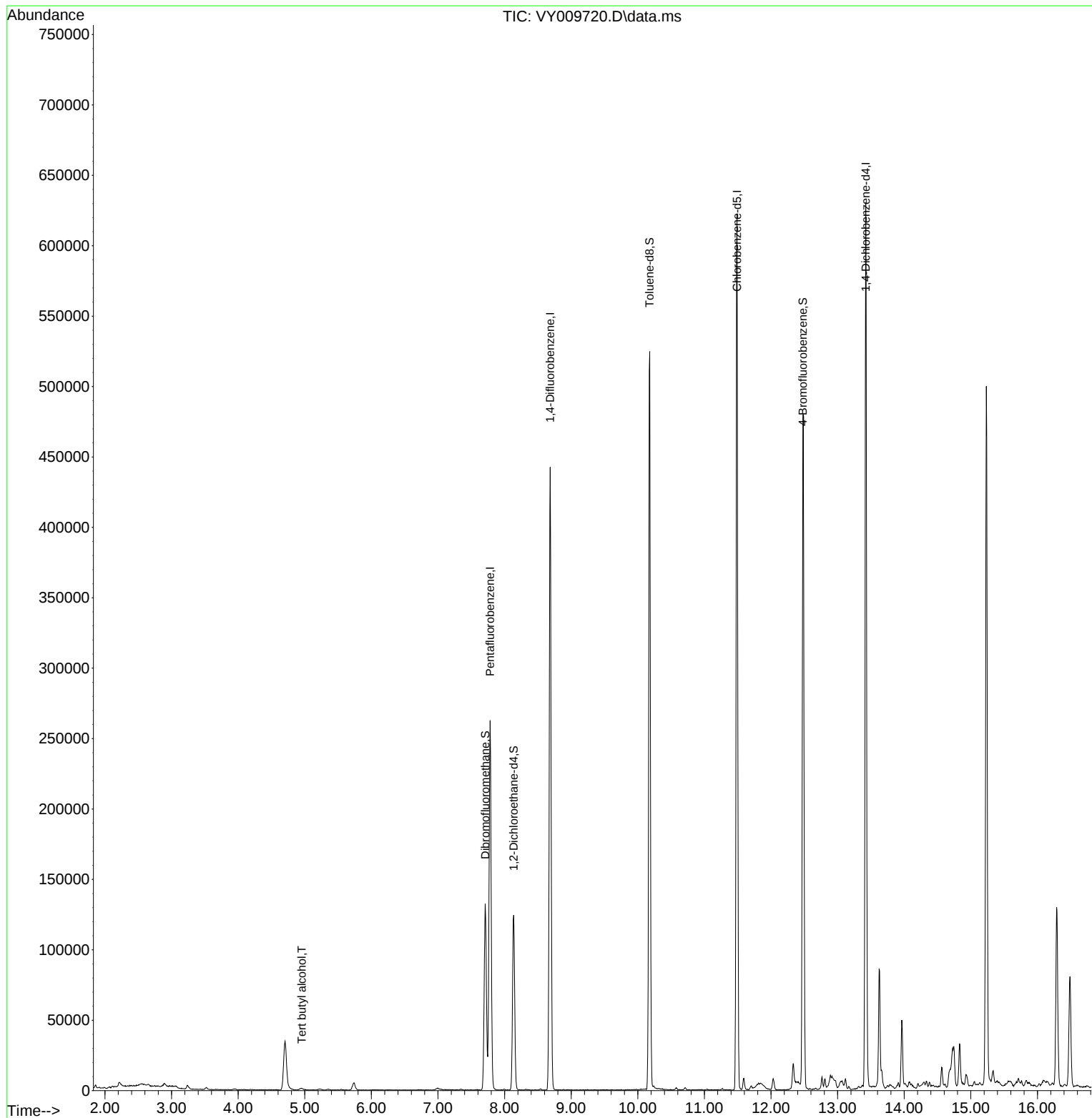
Internal Standards						
1) Pentafluorobenzene	7.783	168	212850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	384749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	355301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	172510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96330	70.066	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.140%	
35) Dibromofluoromethane	7.710	113	94165	45.000	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.000%	
50) Toluene-d8	10.179	98	347913	57.746	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 115.500%	
62) 4-Bromofluorobenzene	12.477	95	116377	41.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 83.880%	
Target Compounds						
11) Tert butyl alcohol	4.954	59	2363	10.504	ug/l	Qvalue # 90

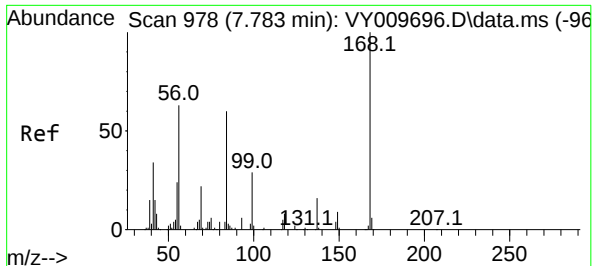
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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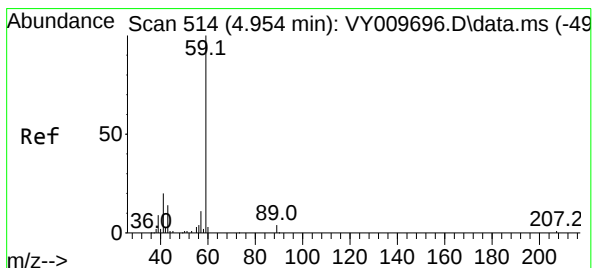
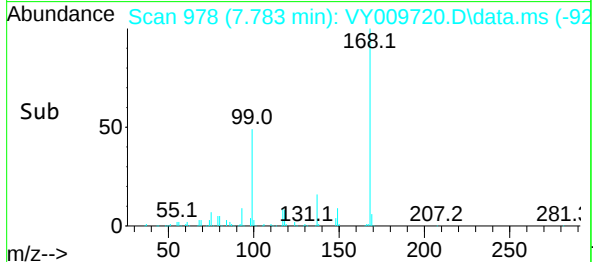
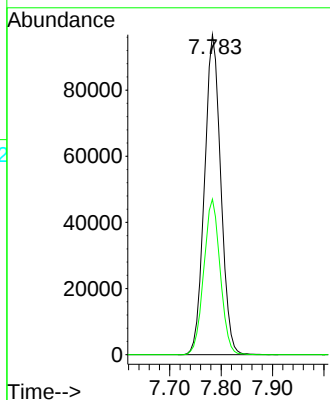
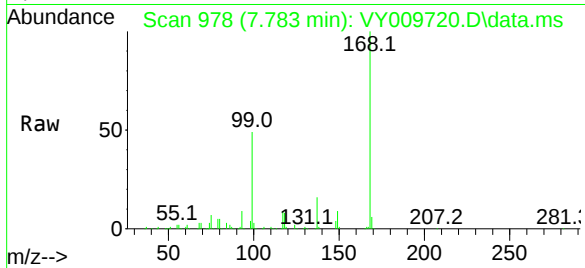




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009720.D
Acq: 27 Jul 2022 13:31

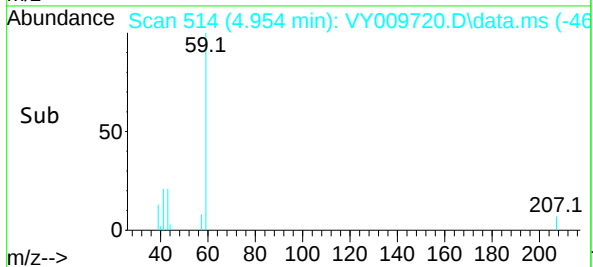
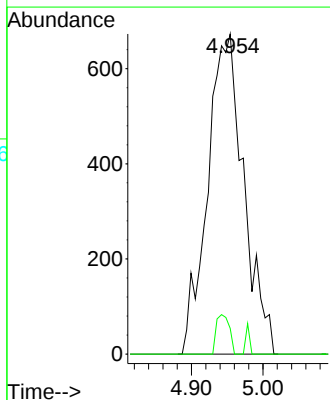
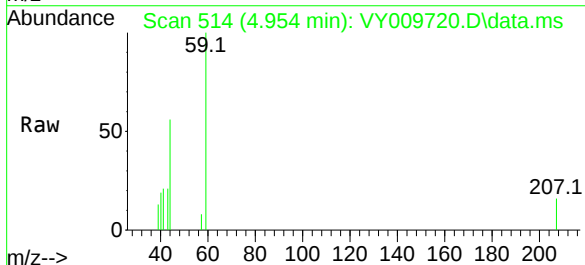
Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-WC-1

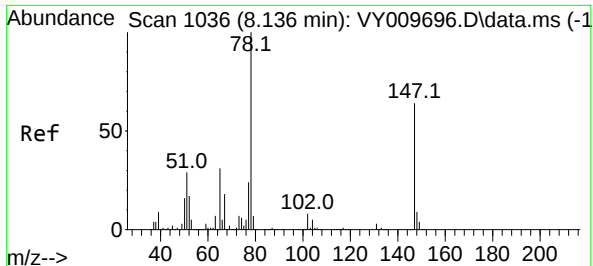
Tgt Ion:168 Resp: 212850
Ion Ratio Lower Upper
168 100
99 48.6 46.9 70.3



#11
Tert butyl alcohol
Concen: 10.504 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY009720.D
Acq: 27 Jul 2022 13:31

Tgt Ion: 59 Resp: 2363
Ion Ratio Lower Upper
59 100
57 4.4 6.4 9.6#





#33

1,2-Dichloroethane-d4

Concen: 70.066 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009720.D

Acq: 27 Jul 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

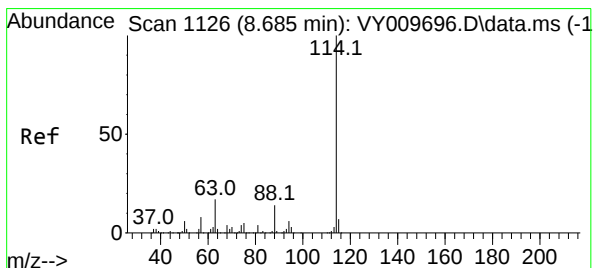
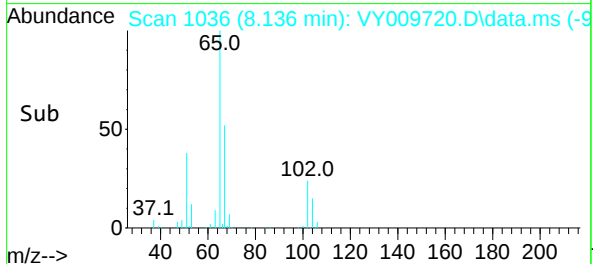
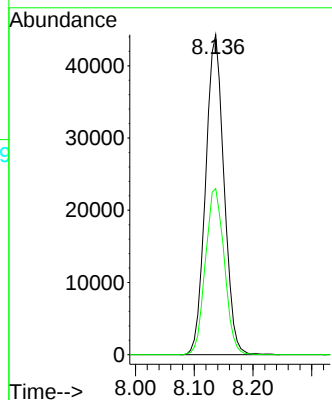
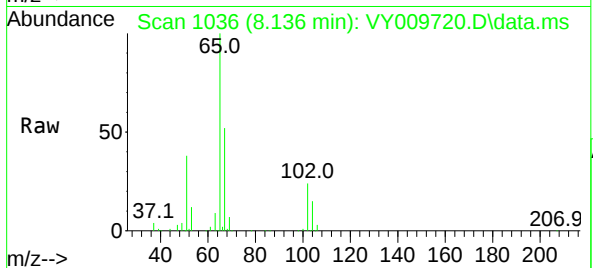
ENV-DE-WC-1

Tgt Ion: 65 Resp: 96330

Ion Ratio Lower Upper

65 100

67 53.3 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: VY009720.D

Acq: 27 Jul 2022 13:31

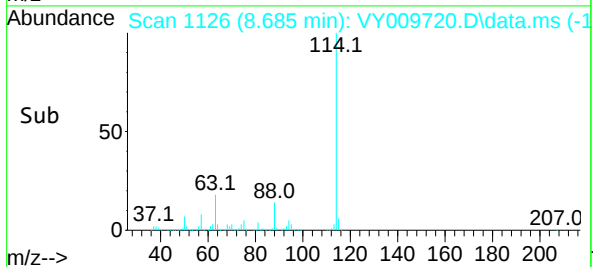
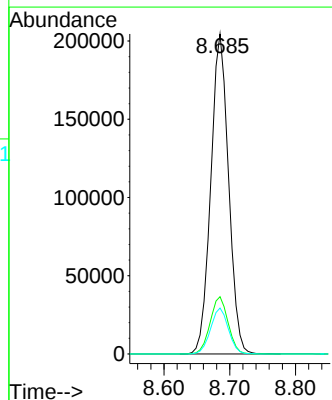
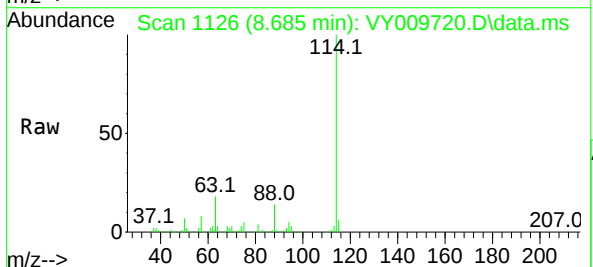
Tgt Ion: 114 Resp: 384749

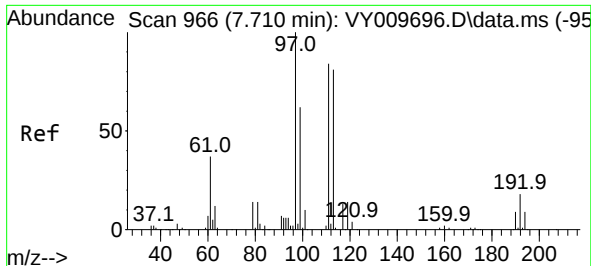
Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 14.4 0.0 31.8

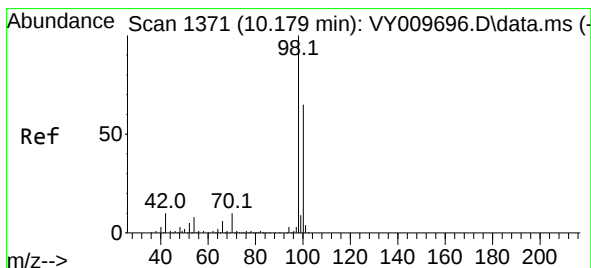
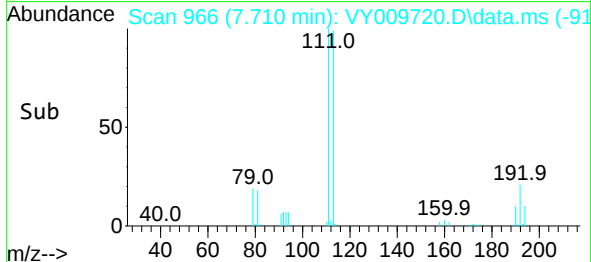
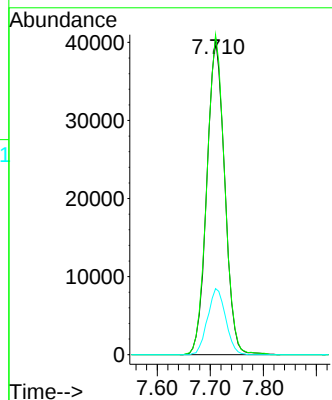
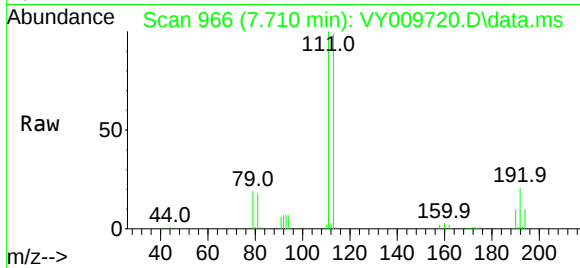




#35
Dibromofluoromethane
Concen: 45.000 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009720.D
Acq: 27 Jul 2022 13:31

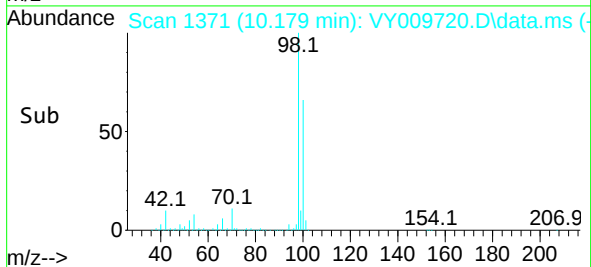
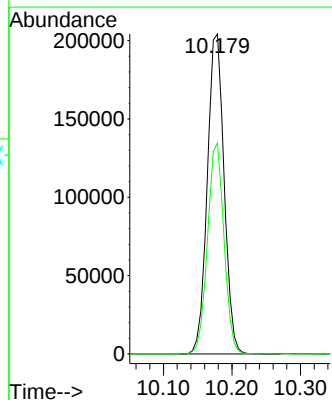
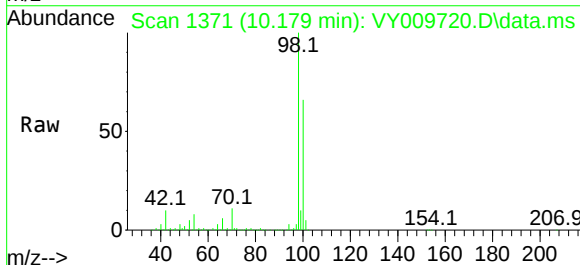
Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-WC-1

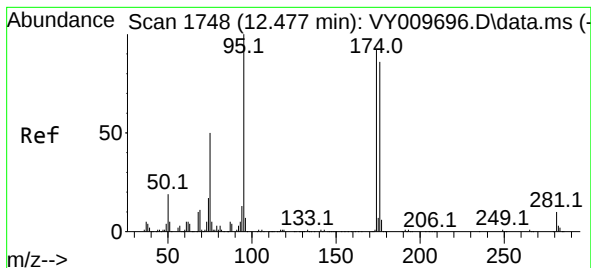
Tgt Ion:113 Resp: 94165
Ion Ratio Lower Upper
113 100
111 101.1 82.6 124.0
192 21.2 17.6 26.4



#50
Toluene-d8
Concen: 57.746 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009720.D
Acq: 27 Jul 2022 13:31

Tgt Ion: 98 Resp: 347913
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

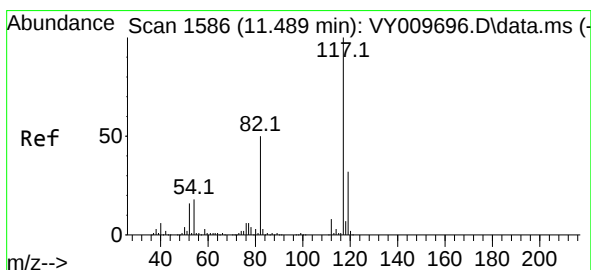
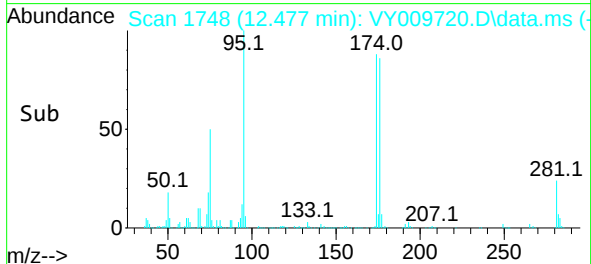
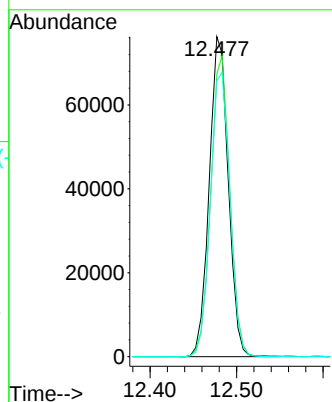
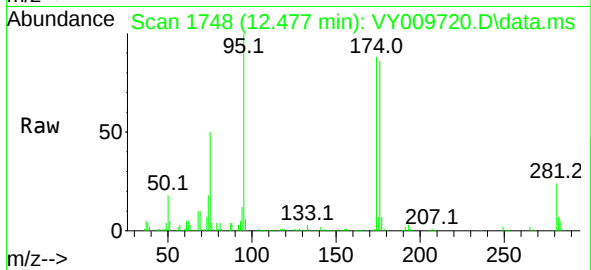




#62
4-Bromofluorobenzene
Concen: 41.942 ug/l
RT: 12.477 min Scan# 116377
Delta R.T. 0.000 min
Lab File: VY009720.D
Acq: 27 Jul 2022 13:31

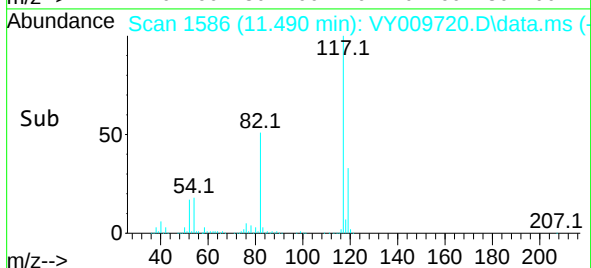
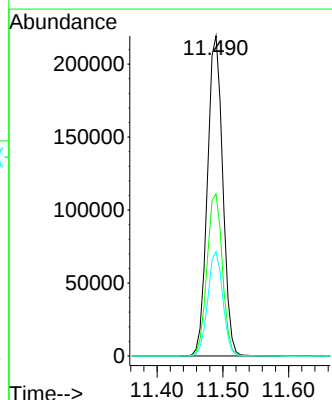
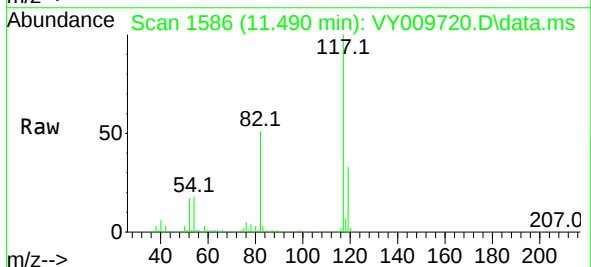
Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-WC-1

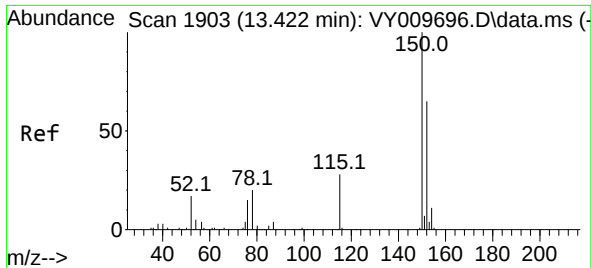
Tgt Ion: 95 Resp: 116377
Ion Ratio Lower Upper
95 100
174 94.5 0.0 177.0
176 91.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009720.D
Acq: 27 Jul 2022 13:31

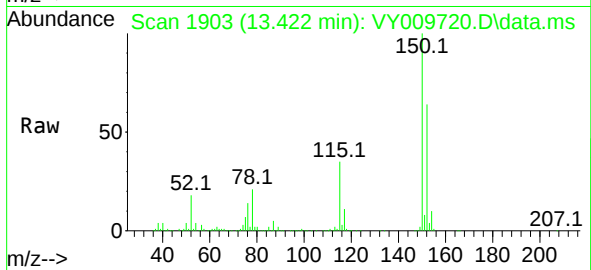
Tgt Ion: 117 Resp: 355301
Ion Ratio Lower Upper
117 100
82 50.7 43.0 64.4
119 32.6 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009720.D
 Acq: 27 Jul 2022 13:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 ENV-DE-WC-1



Tgt Ion:152 Resp: 172510
 Ion Ratio Lower Upper
 152 100
 115 54.4 28.2 84.7
 150 156.6 0.0 347.6

