

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052622\
 Data File : VY009112.D
 Acq On : 26 May 2022 12:52
 Operator : KP/MD
 Sample : N3001-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-01-COMP

Quant Time: May 27 03:23:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

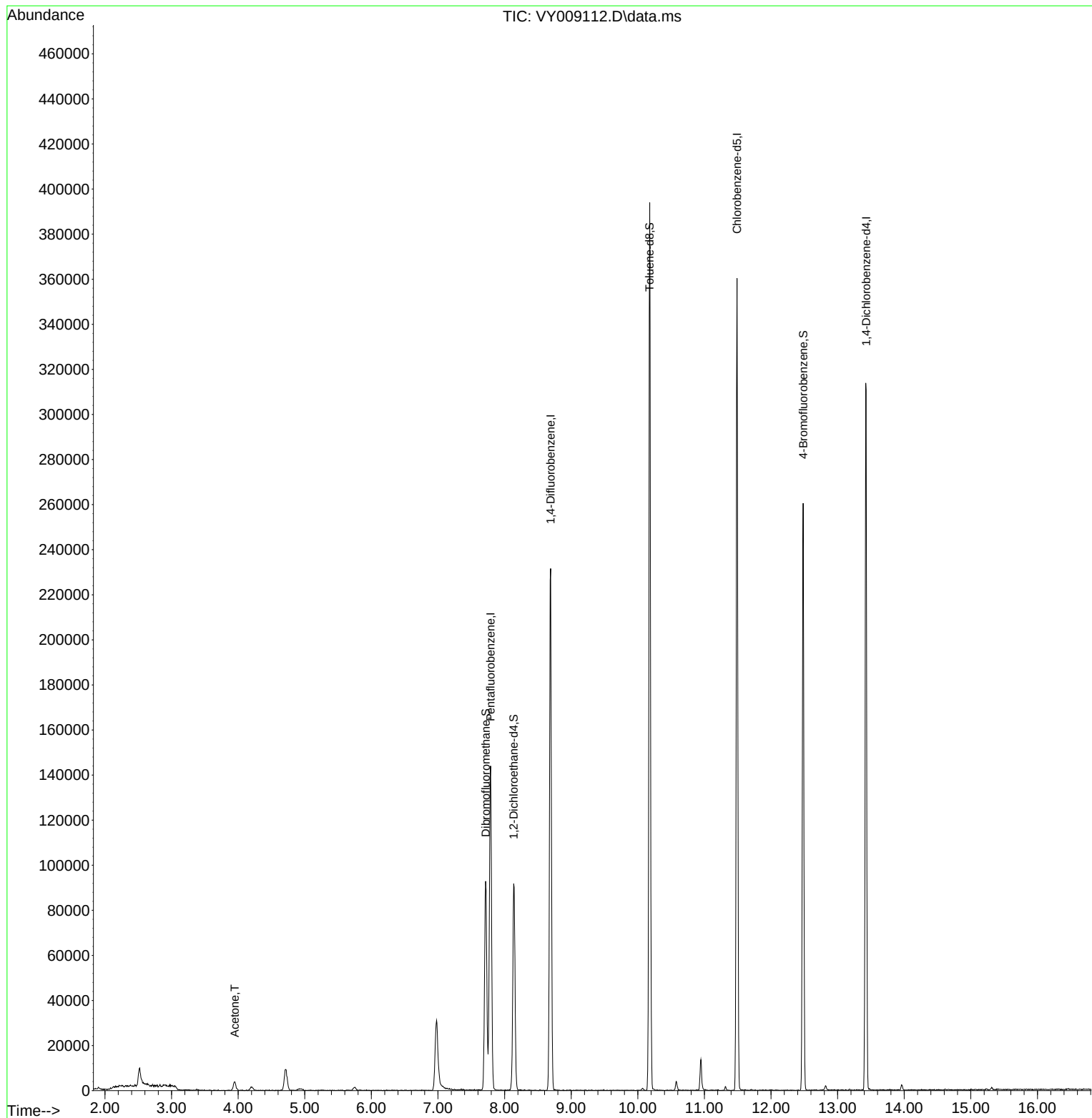
Internal Standards						
1) Pentafluorobenzene	7.789	168	110749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	194540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	181867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	68939	60.483	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.960%	
35) Dibromofluoromethane	7.716	113	63675	52.636	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.280%	
50) Toluene-d8	10.179	98	240660	53.925	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.840%	
62) 4-Bromofluorobenzene	12.483	95	66782	37.095	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 74.200%	
Target Compounds						
16) Acetone	3.948	43	6590	27.775	ug/l	Qvalue 95

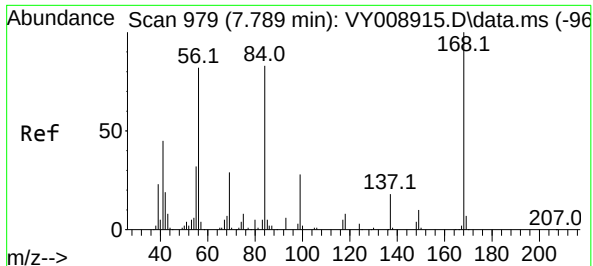
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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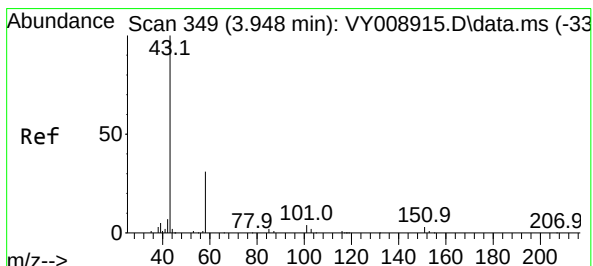
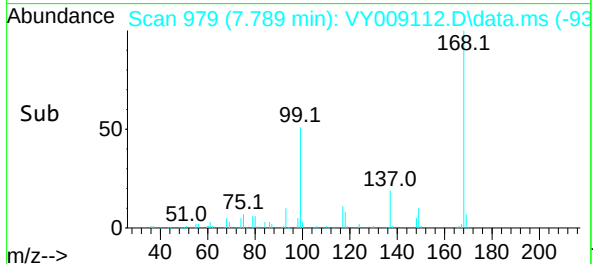
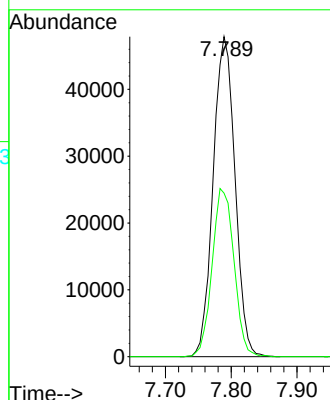
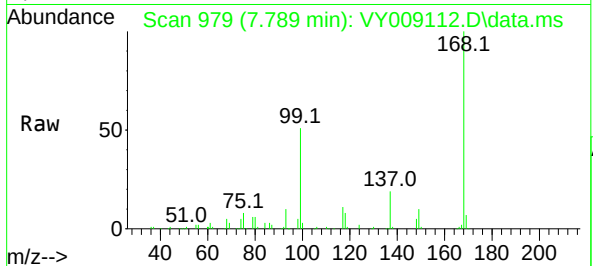




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009112.D
Acq: 26 May 2022 12:52

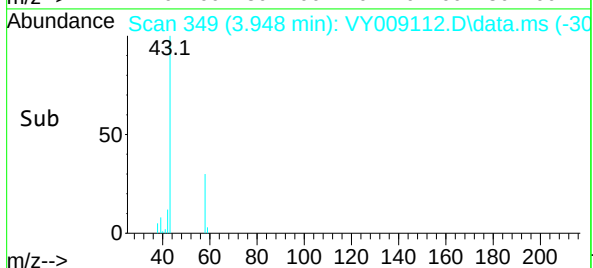
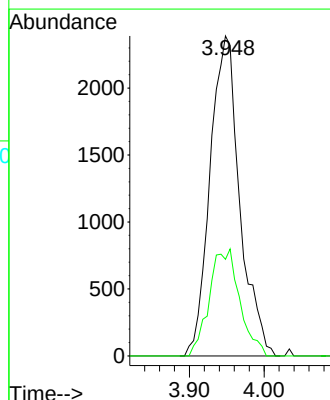
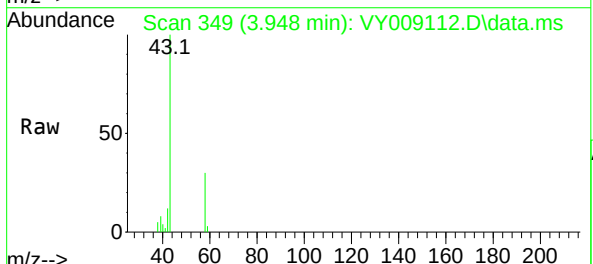
Instrument :
MSVOA_Y
ClientSampleId :
TP-01-COMP

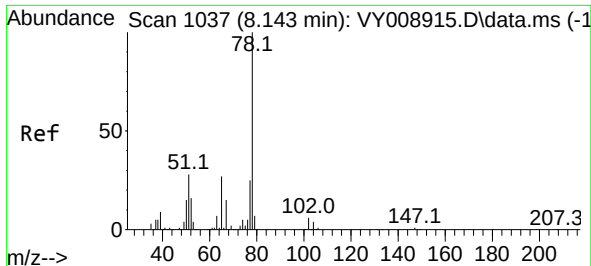
Tgt Ion:168 Resp: 110749
Ion Ratio Lower Upper
168 100
99 51.1 46.9 70.3



#16
Acetone
Concen: 27.775 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY009112.D
Acq: 26 May 2022 12:52

Tgt Ion: 43 Resp: 6590
Ion Ratio Lower Upper
43 100
58 30.2 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 60.483 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009112.D

Acq: 26 May 2022 12:52

Instrument :

MSVOA_Y

ClientSampleId :

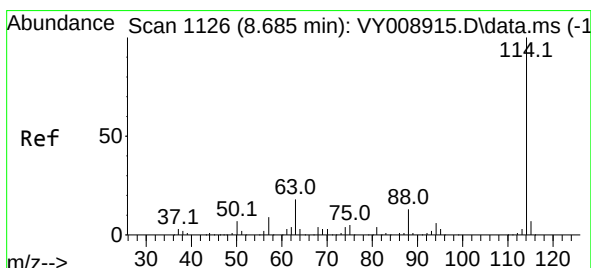
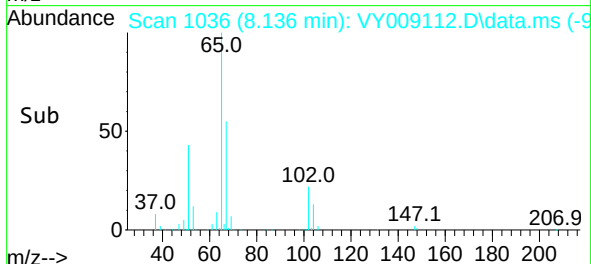
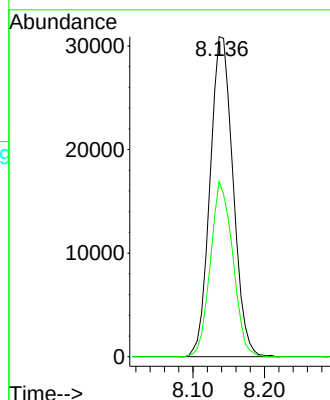
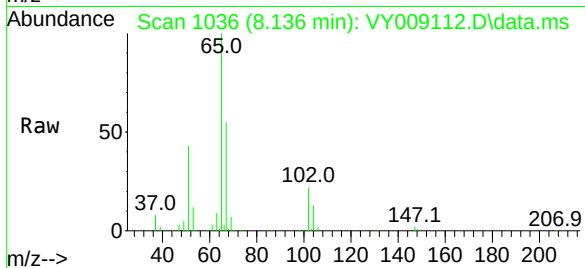
TP-01-COMP

Tgt Ion: 65 Resp: 68939

Ion Ratio Lower Upper

65 100

67 53.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009112.D

Acq: 26 May 2022 12:52

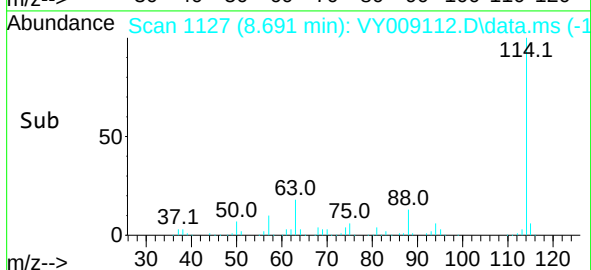
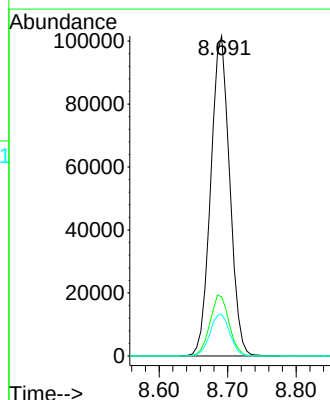
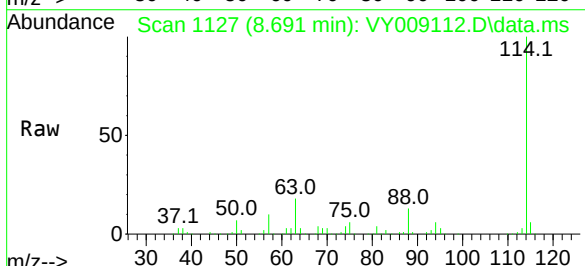
Tgt Ion: 114 Resp: 194540

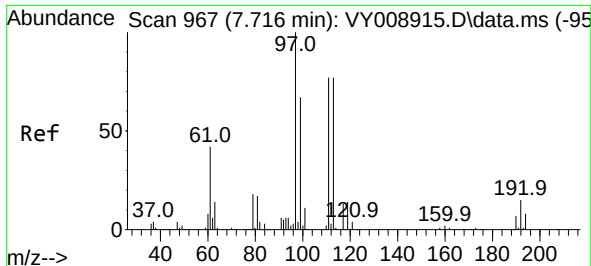
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 13.1 0.0 31.8

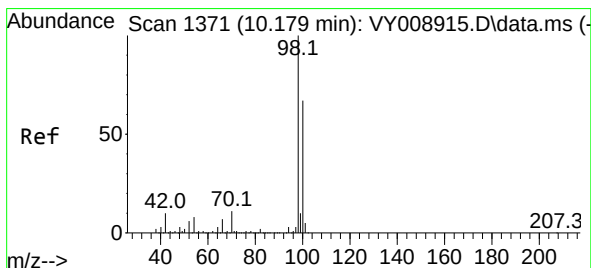
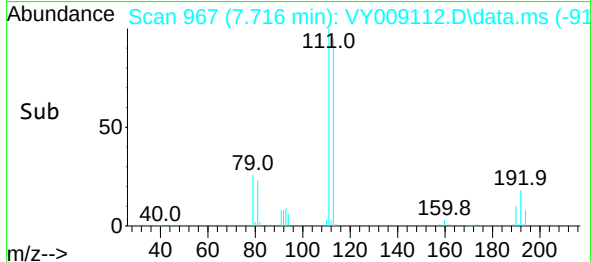
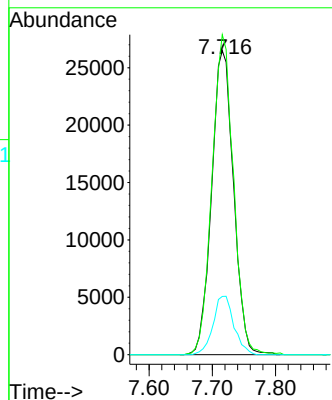
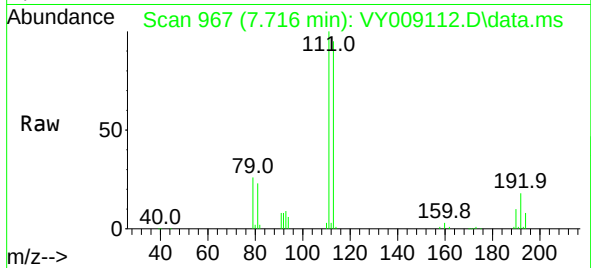




#35
Dibromofluoromethane
Concen: 52.636 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009112.D
Acq: 26 May 2022 12:52

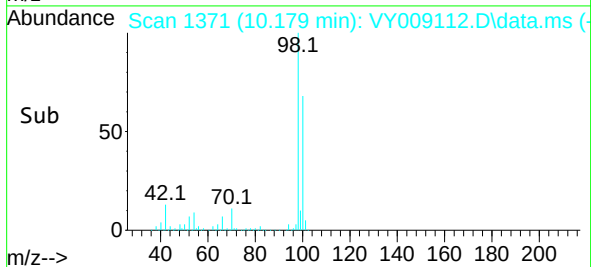
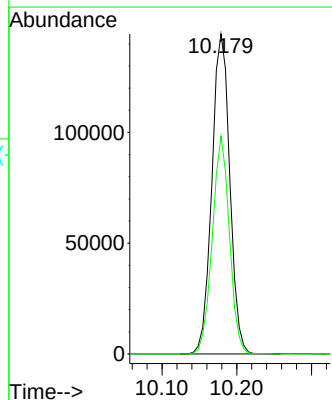
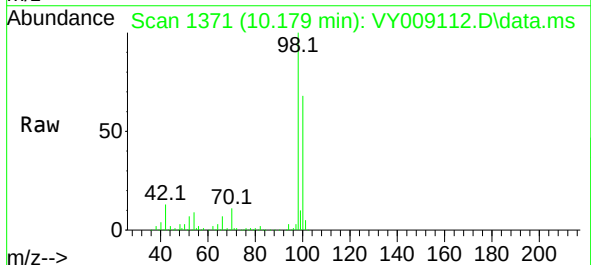
Instrument :
MSVOA_Y
ClientSampleId :
TP-01-COMP

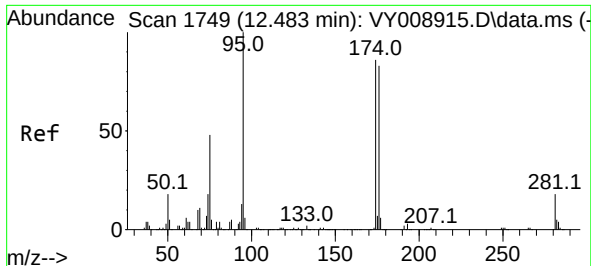
Tgt Ion:113 Resp: 63675
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 18.3 17.6 26.4



#50
Toluene-d8
Concen: 53.925 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009112.D
Acq: 26 May 2022 12:52

Tgt Ion: 98 Resp: 240660
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

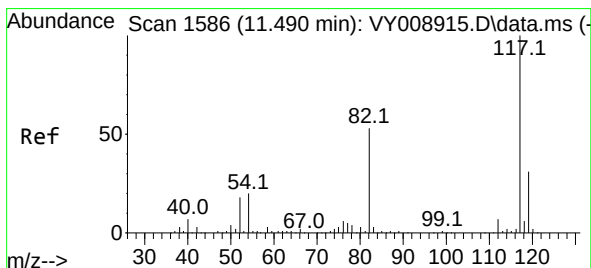
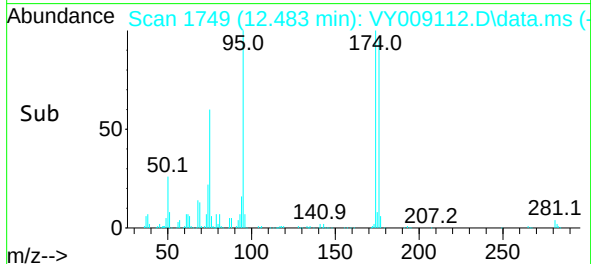
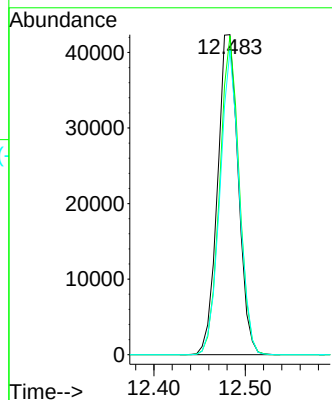
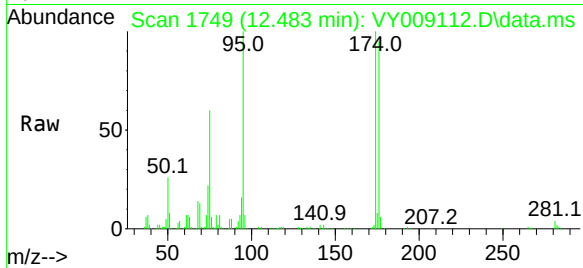




#62
4-Bromofluorobenzene
Concen: 37.095 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009112.D
Acq: 26 May 2022 12:52

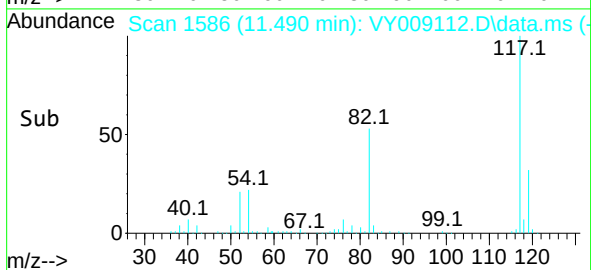
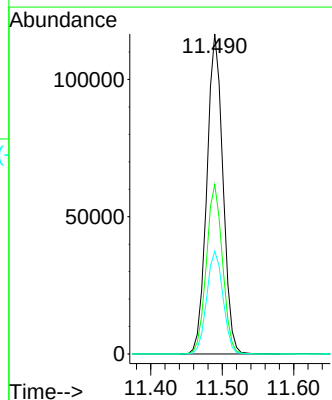
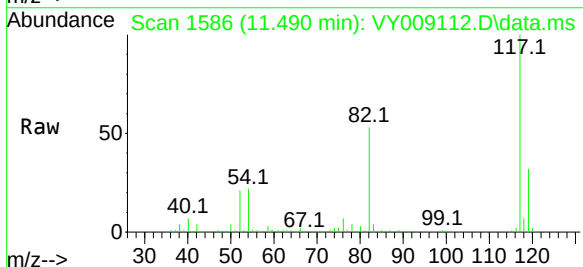
Instrument :
MSVOA_Y
ClientSampleId :
TP-01-COMP

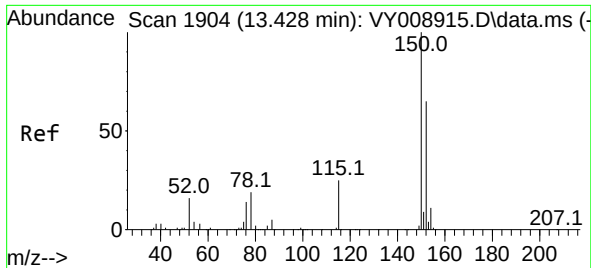
Tgt Ion: 95 Resp: 66782
Ion Ratio Lower Upper
95 100
174 93.1 0.0 177.0
176 88.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009112.D
Acq: 26 May 2022 12:52

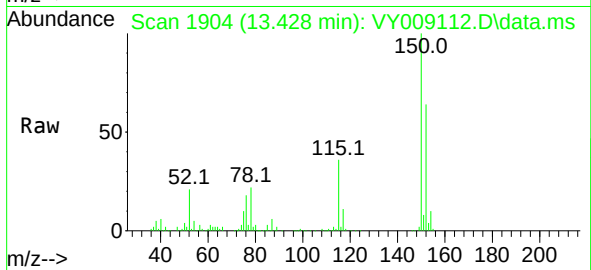
Tgt Ion: 117 Resp: 181867
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 32.1 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009112.D
 Acq: 26 May 2022 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-01-COMP



Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.2	84.7
150	156.2	0.0	347.6

