

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102221\
 Data File : VY006445.D
 Acq On : 22 Oct 2021 17:34
 Operator : SY/MD
 Sample : M4315-04
 Misc : 4.62G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-D-D

Quant Time: Oct 23 07:23:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

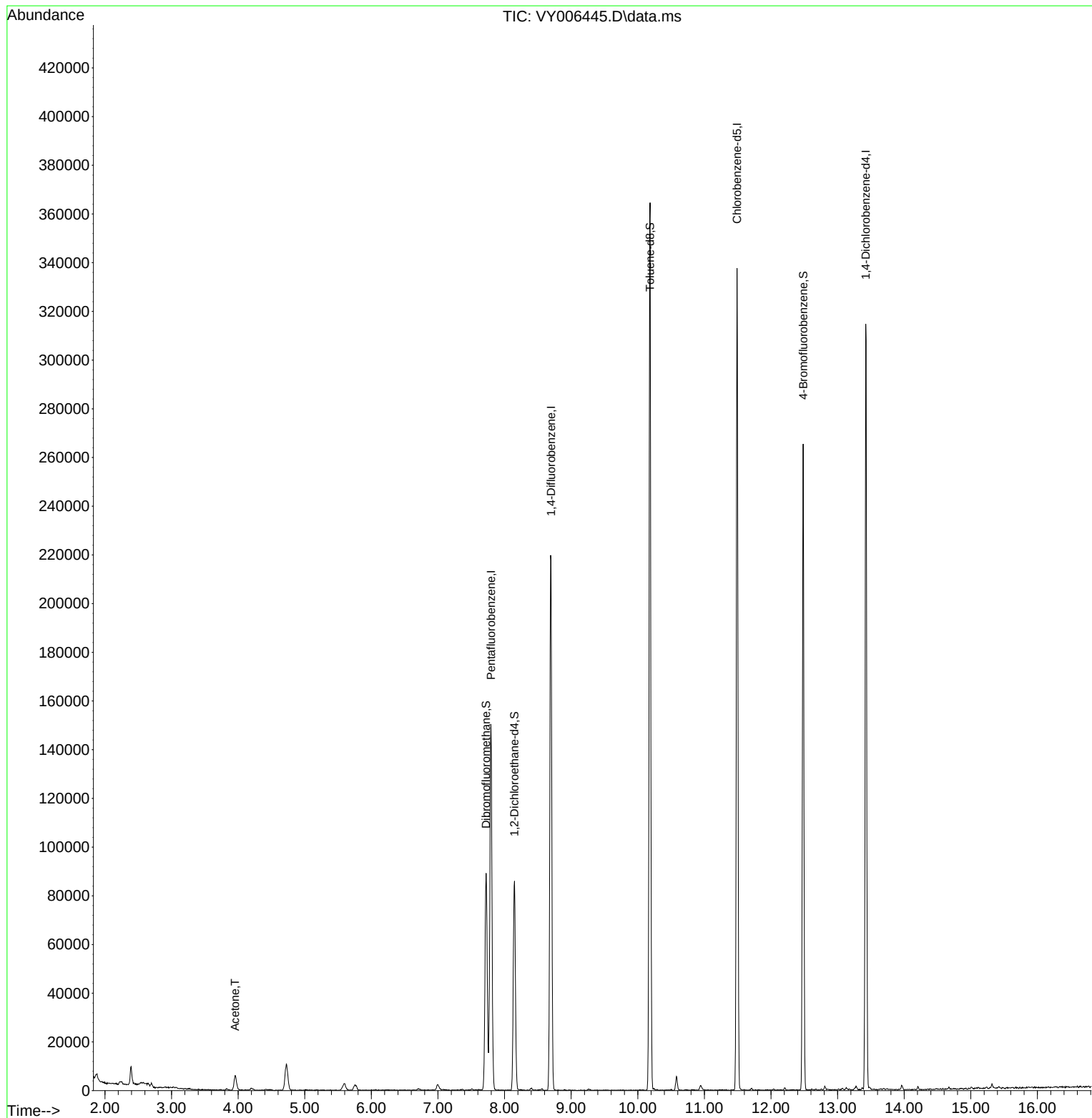
Internal Standards						
1) Pentafluorobenzene	7.795	168	112166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	177616	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	169476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	77401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	71522	51.817	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.640%	
35) Dibromofluoromethane	7.722	113	59789	60.394	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.780%	
50) Toluene-d8	10.185	98	227721	54.262	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.520%	
62) 4-Bromofluorobenzene	12.483	95	70675	49.993	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.980%	
Target Compounds						
16) Acetone	3.954	43	10339	26.014	ug/l	Qvalue # 86

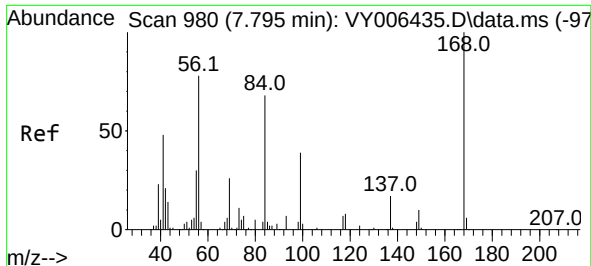
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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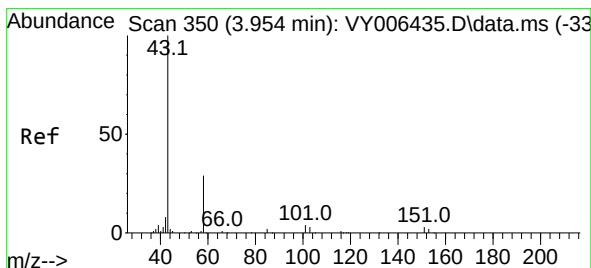
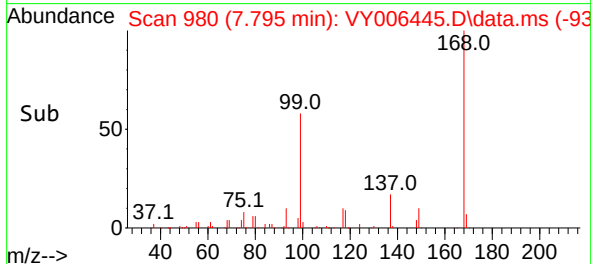
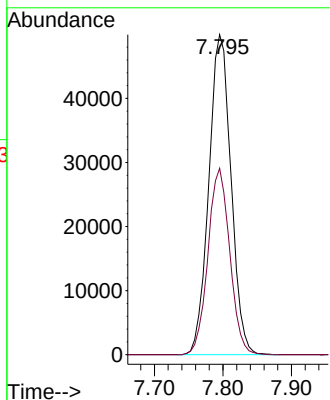
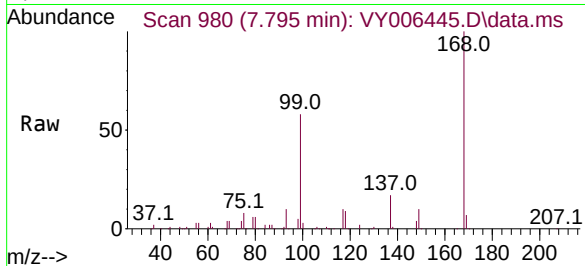




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006445.D
Acq: 22 Oct 2021 17:34

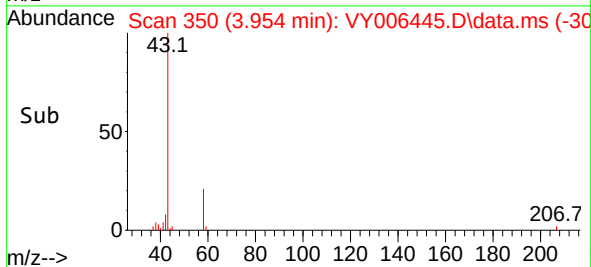
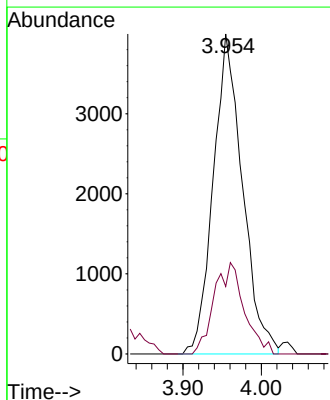
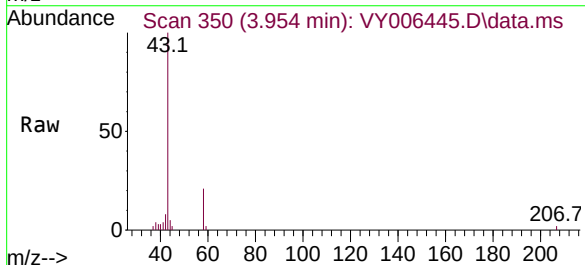
Instrument :
MSVOA_Y
ClientSampleId :
MH-D-D

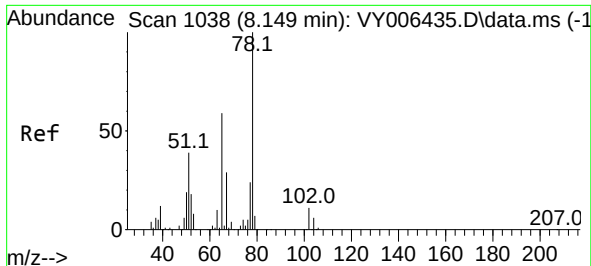
Tgt Ion:168 Resp: 112166
Ion Ratio Lower Upper
168 100
99 58.3 44.8 67.2



#16
Acetone
Concen: 26.014 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006445.D
Acq: 22 Oct 2021 17:34

Tgt Ion: 43 Resp: 10339
Ion Ratio Lower Upper
43 100
58 21.1 22.9 34.3#

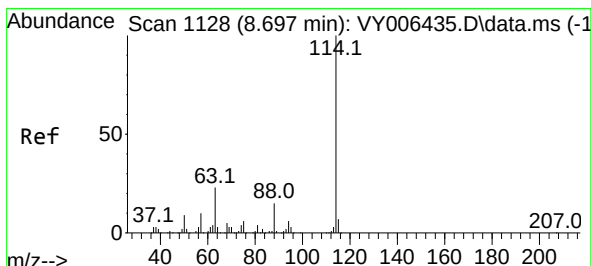
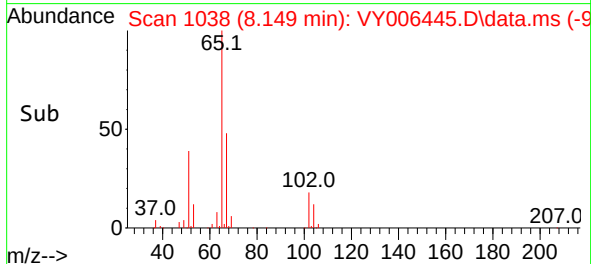
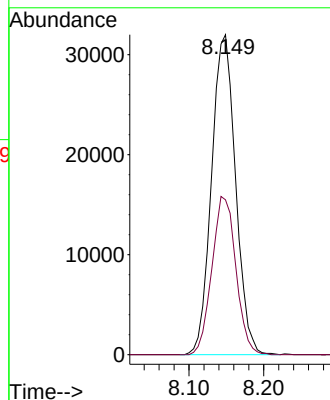
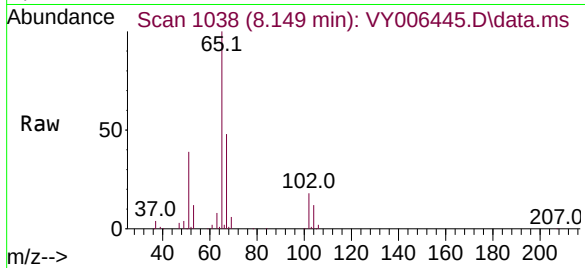




#33
1,2-Dichloroethane-d4
Concen: 51.817 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006445.D
Acq: 22 Oct 2021 17:34

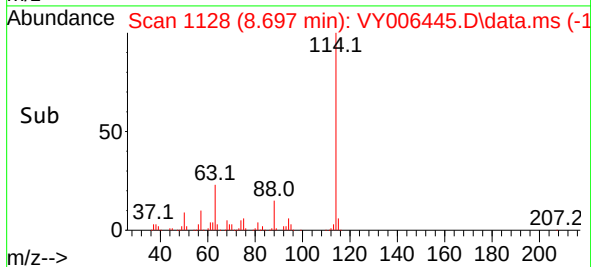
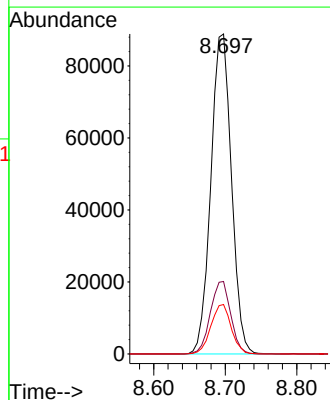
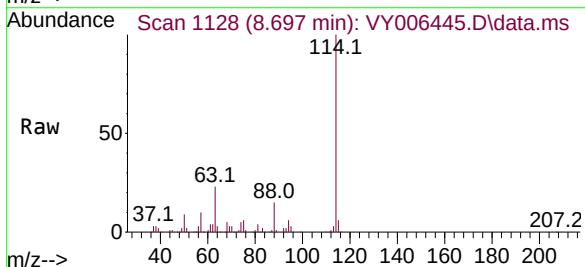
Instrument :
MSVOA_Y
ClientSampleId :
MH-D-D

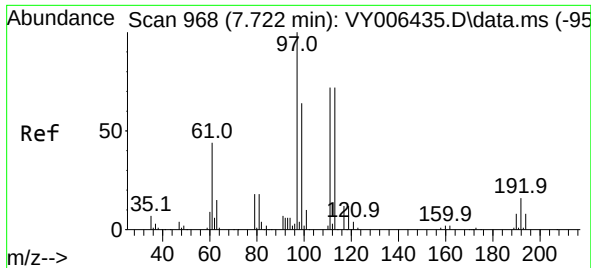
Tgt Ion: 65 Resp: 71522
Ion Ratio Lower Upper
65 100
67 49.3 0.0 98.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006445.D
Acq: 22 Oct 2021 17:34

Tgt Ion: 114 Resp: 177616
Ion Ratio Lower Upper
114 100
63 22.6 0.0 45.0
88 15.5 0.0 30.6

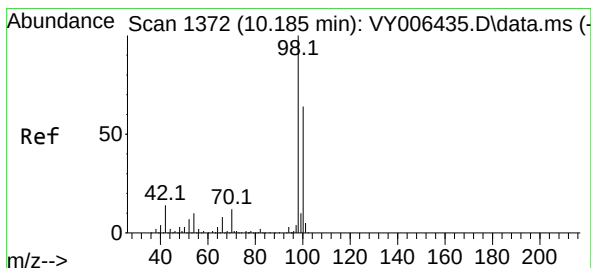
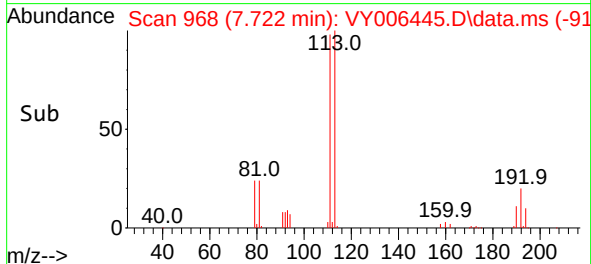
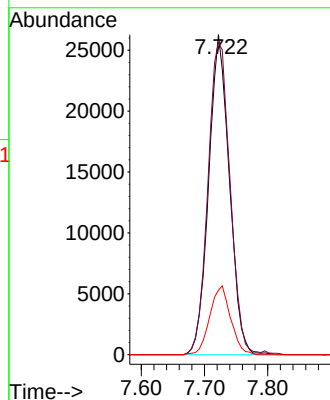
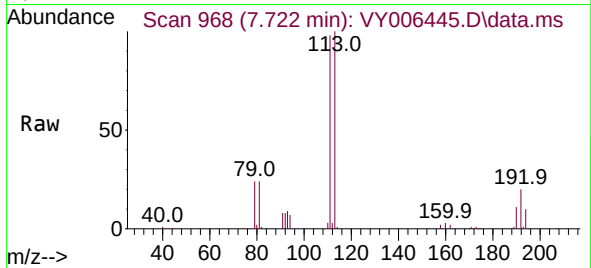




#35
Dibromofluoromethane
Concen: 60.394 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY006445.D
Acq: 22 Oct 2021 17:34

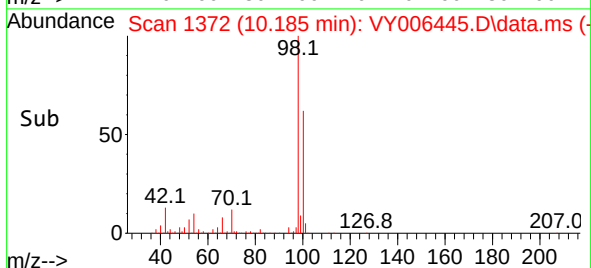
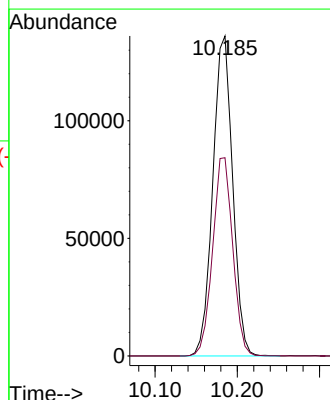
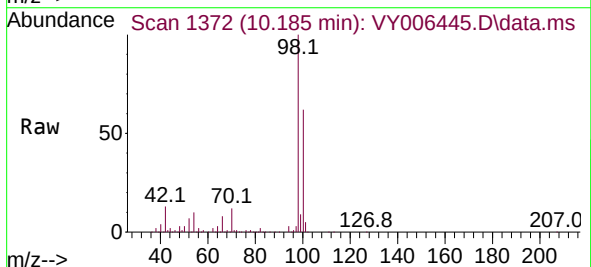
Instrument :
MSVOA_Y
ClientSampleId :
MH-D-D

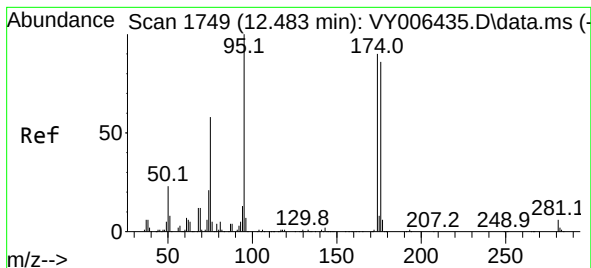
Tgt Ion:113 Resp: 59789
Ion Ratio Lower Upper
113 100
111 103.9 82.3 123.5
192 21.6 17.4 26.2



#50
Toluene-d8
Concen: 54.262 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006445.D
Acq: 22 Oct 2021 17:34

Tgt Ion: 98 Resp: 227721
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3

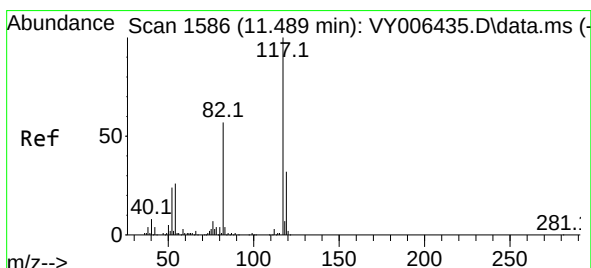
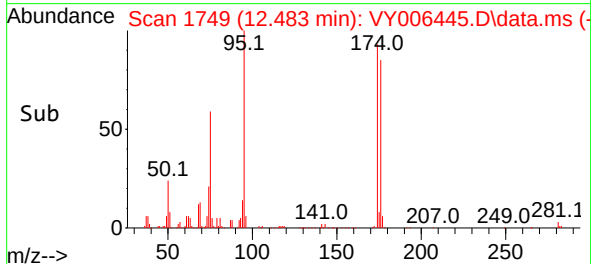
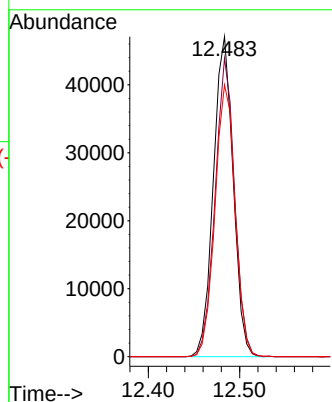
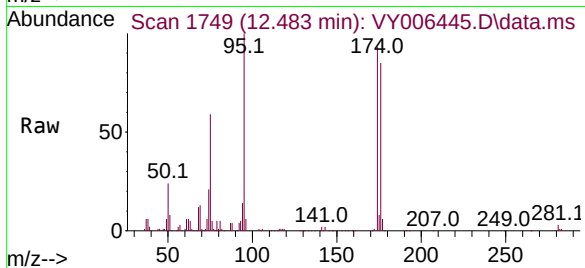




#62
4-Bromofluorobenzene
Concen: 49.993 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006445.D
Acq: 22 Oct 2021 17:34

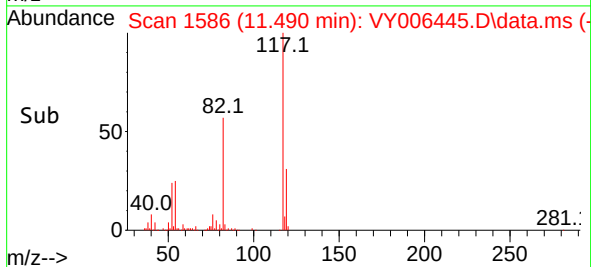
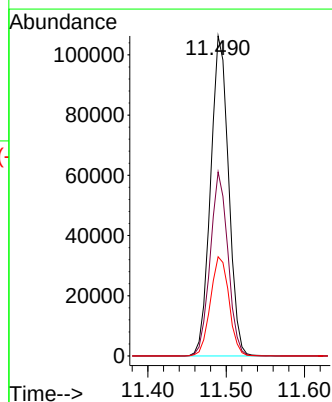
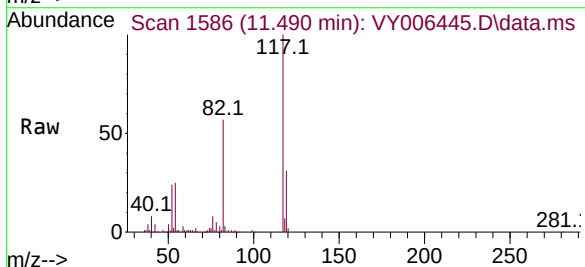
Instrument :
MSVOA_Y
ClientSampleId :
MH-D-D

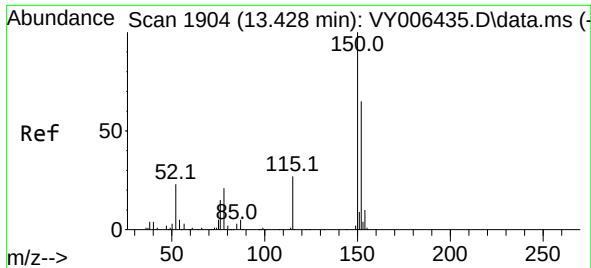
Tgt Ion: 95 Resp: 70675
Ion Ratio Lower Upper
95 100
174 92.3 0.0 177.0
176 86.9 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY006445.D
Acq: 22 Oct 2021 17:34

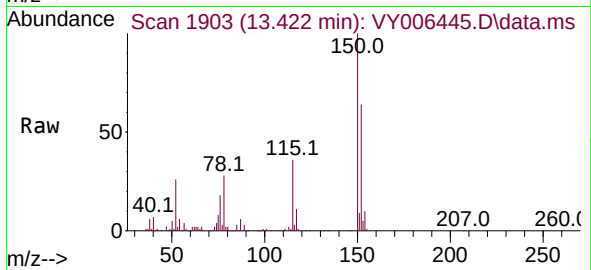
Tgt Ion: 117 Resp: 169476
Ion Ratio Lower Upper
117 100
82 57.5 45.7 68.5
119 31.0 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY006445.D
 Acq: 22 Oct 2021 17:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-D-D



Tgt Ion:	152	Resp:	77401
Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.5	85.5
150	158.3	0.0	348.2

