

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102921\
 Data File : VY006532.D
 Acq On : 29 Oct 2021 12:09
 Operator : SY/MD
 Sample : M4407-01
 Misc : 5.69G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FDR-BH-1-20211028-5.5-6

Quant Time: Oct 30 02:57:54 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)

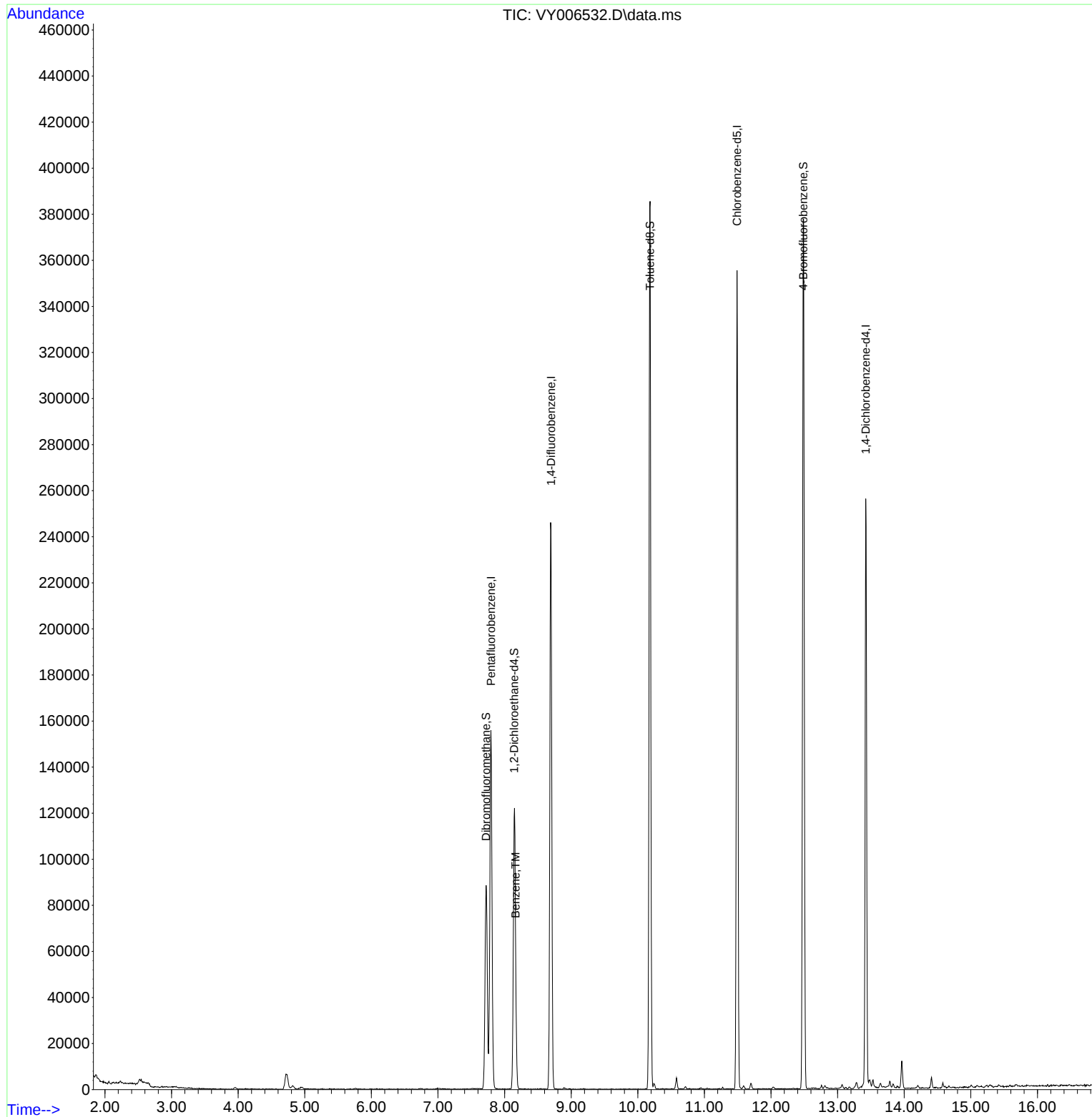
Internal Standards						
1) Pentafluorobenzene	7.795	168	116992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	196745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	176413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	90867	63.117	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.240%	
35) Dibromofluoromethane	7.722	113	59898	54.622	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.240%	
50) Toluene-d8	10.185	98	248338	53.421	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.840%	
62) 4-Bromofluorobenzene	12.483	95	70086	44.756	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.520%	
Target Compounds						
40) Benzene	8.167	78	13903	2.508	ug/l	Qvalue 97

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

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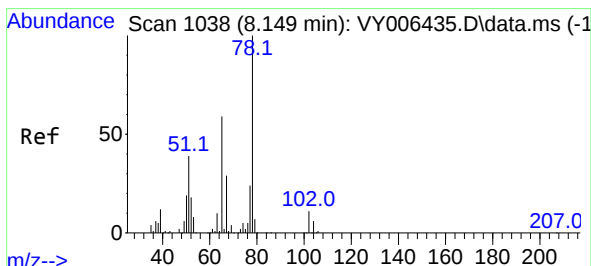
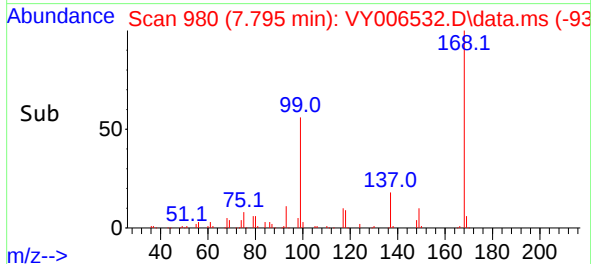
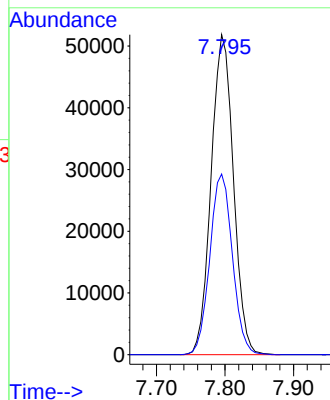
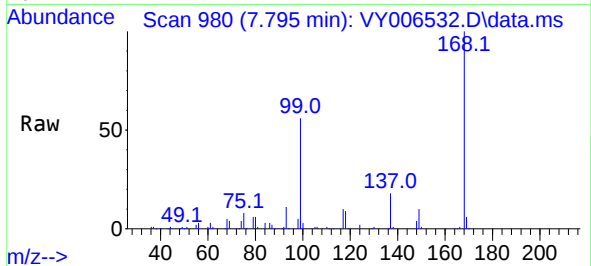




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006532.D
Acq: 29 Oct 2021 12:09

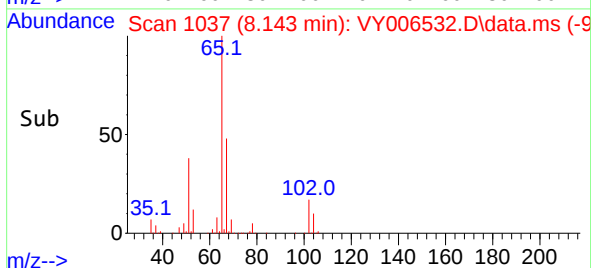
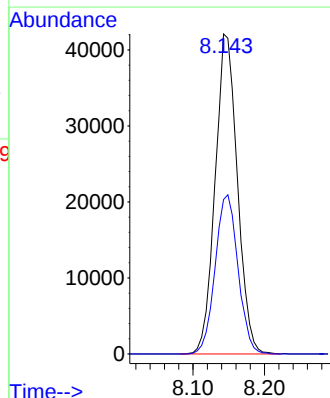
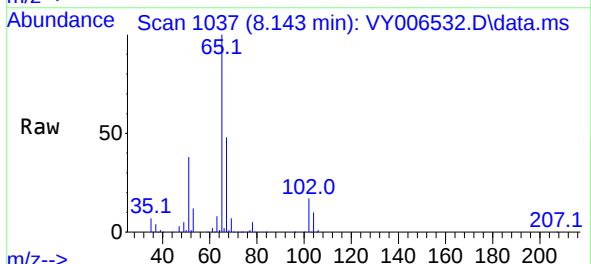
Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-1-20211028-5.5-6

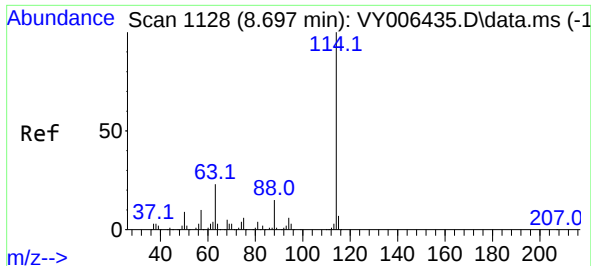
Tgt Ion:168 Resp: 116992
Ion Ratio Lower Upper
168 100
99 56.5 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 63.117 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006532.D
Acq: 29 Oct 2021 12:09

Tgt Ion: 65 Resp: 90867
Ion Ratio Lower Upper
65 100
67 51.1 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: VY006532.D

Acq: 29 Oct 2021 12:09

Instrument :

MSVOA_Y

ClientSampleId :

FDR-BH-1-20211028-5.5-6

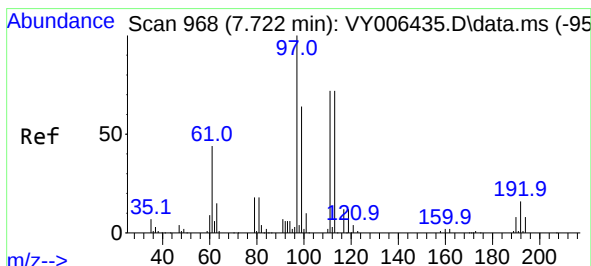
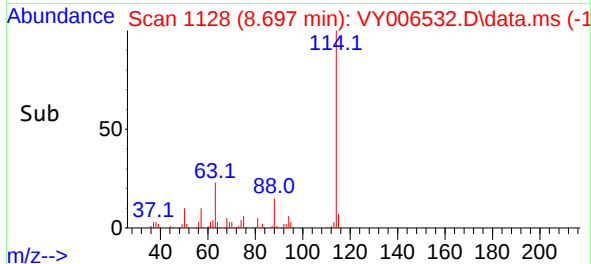
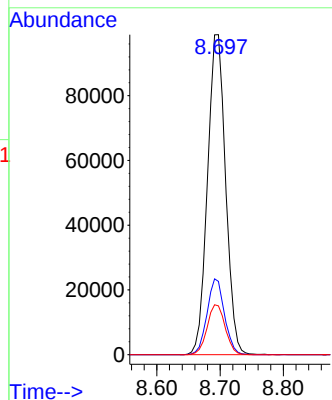
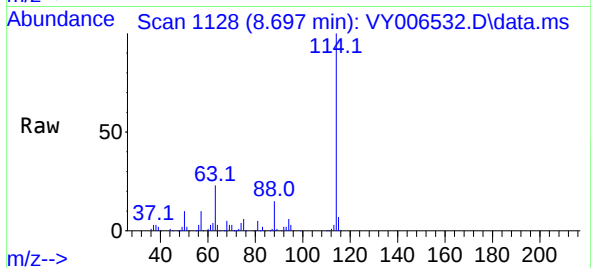
Tgt Ion:114 Resp: 196745

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.0

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.622 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006532.D

Acq: 29 Oct 2021 12:09

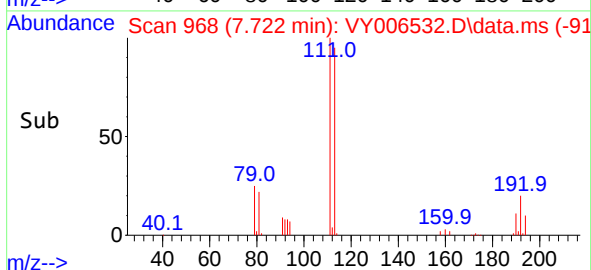
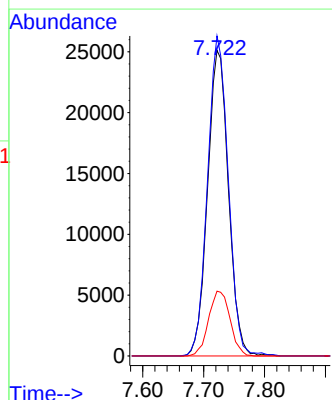
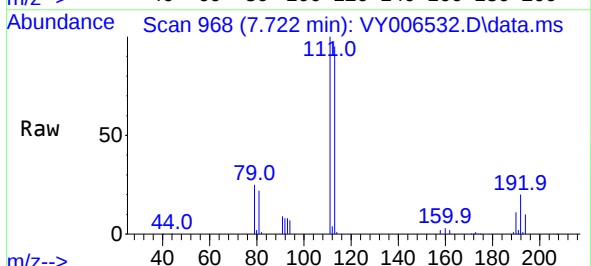
Tgt Ion:113 Resp: 59898

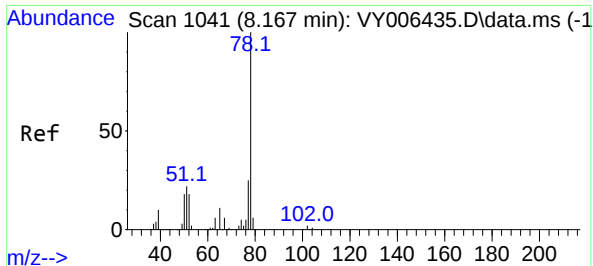
Ion Ratio Lower Upper

113 100

111 103.9 82.3 123.5

192 21.7 17.4 26.2

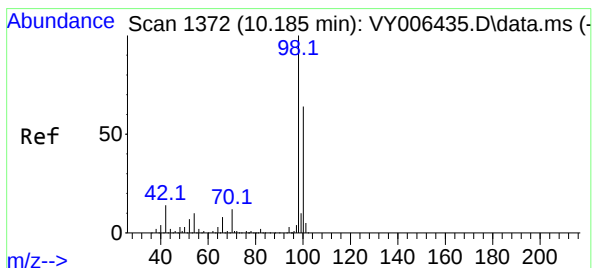
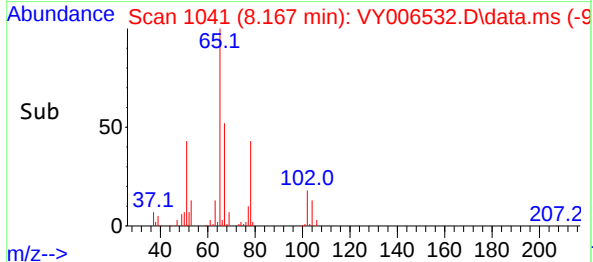
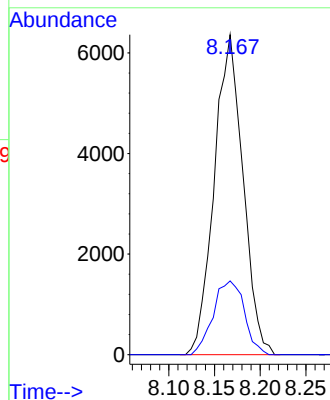
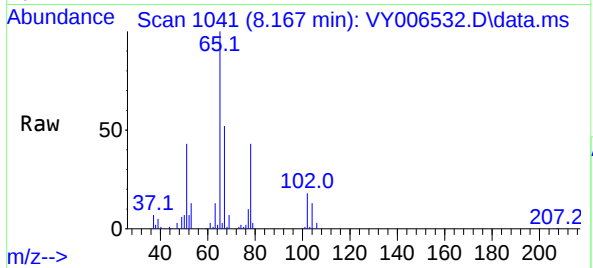




#40
Benzene
Concen: 2.508 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY006532.D
Acq: 29 Oct 2021 12:09

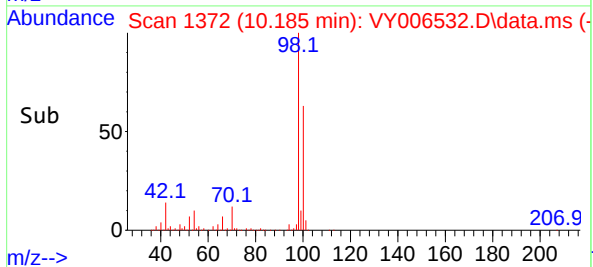
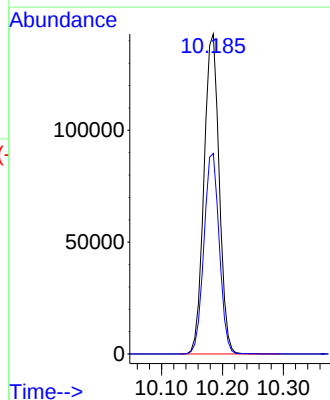
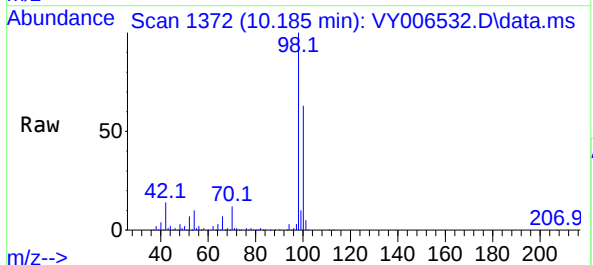
Instrument : MSVOA_Y
ClientSampleId : FDR-BH-1-20211028-5.5-6

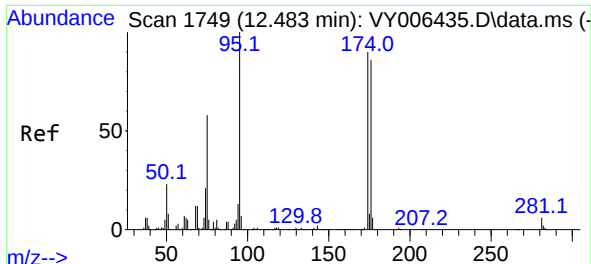
Tgt Ion: 78 Resp: 13903
Ion Ratio Lower Upper
78 100
77 23.0 19.7 29.5



#50
Toluene-d8
Concen: 53.421 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006532.D
Acq: 29 Oct 2021 12:09

Tgt Ion: 98 Resp: 248338
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



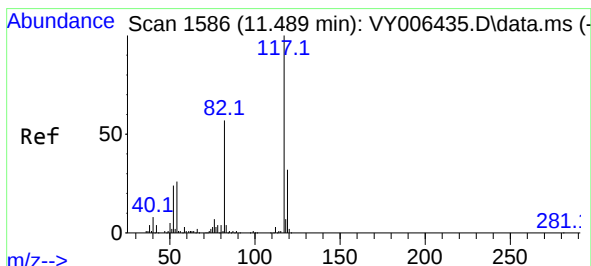
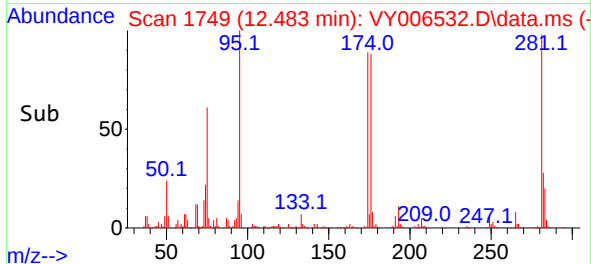
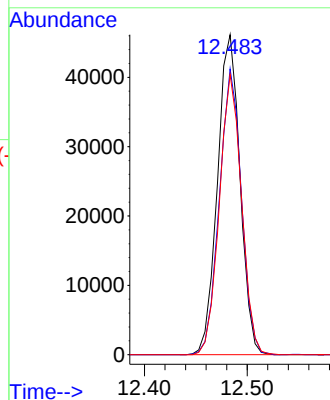
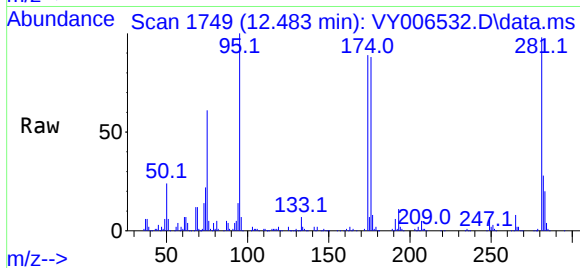


#62
4-Bromofluorobenzene
Concen: 44.756 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006532.D
Acq: 29 Oct 2021 12:09

Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-1-20211028-5.5-6

Tgt Ion: 95 Resp: 70086

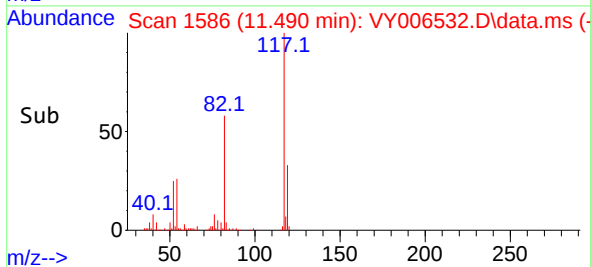
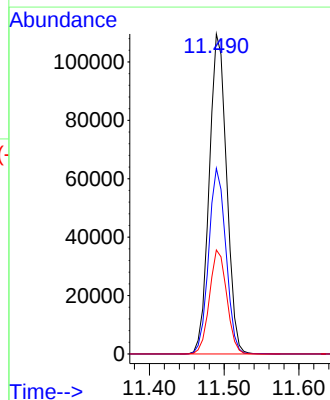
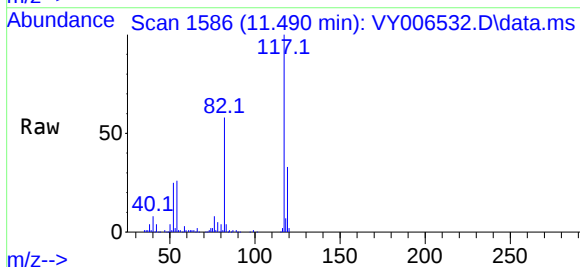
Ion	Ratio	Lower	Upper
95	100		
174	87.4	0.0	177.0
176	85.9	0.0	169.4

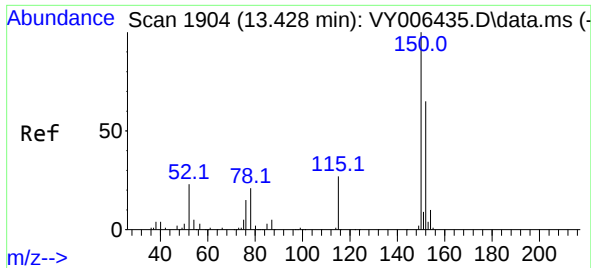


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY006532.D
Acq: 29 Oct 2021 12:09

Tgt Ion: 117 Resp: 176413

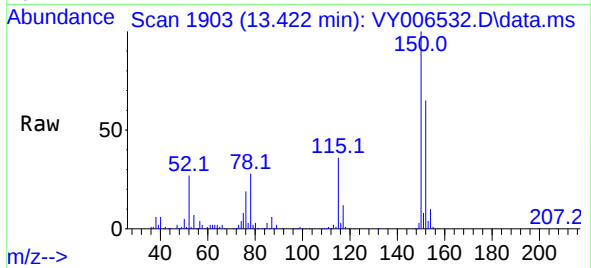
Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.7	68.5
119	32.5	25.5	38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY006532.D
 Acq: 29 Oct 2021 12:09

Instrument : MSVOA_Y
 ClientSampleId : FDR-BH-1-20211028-5.5-6



Tgt Ion:	152	Resp:	62743
Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.5	85.5
150	157.5	0.0	348.2

