

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110821\
 Data File : VY006694.D
 Acq On : 08 Nov 2021 20:39
 Operator : SY/MD
 Sample : M4523-04
 Misc : 4.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VWE-B4-110421-0-1

Quant Time: Nov 09 13:09:01 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)

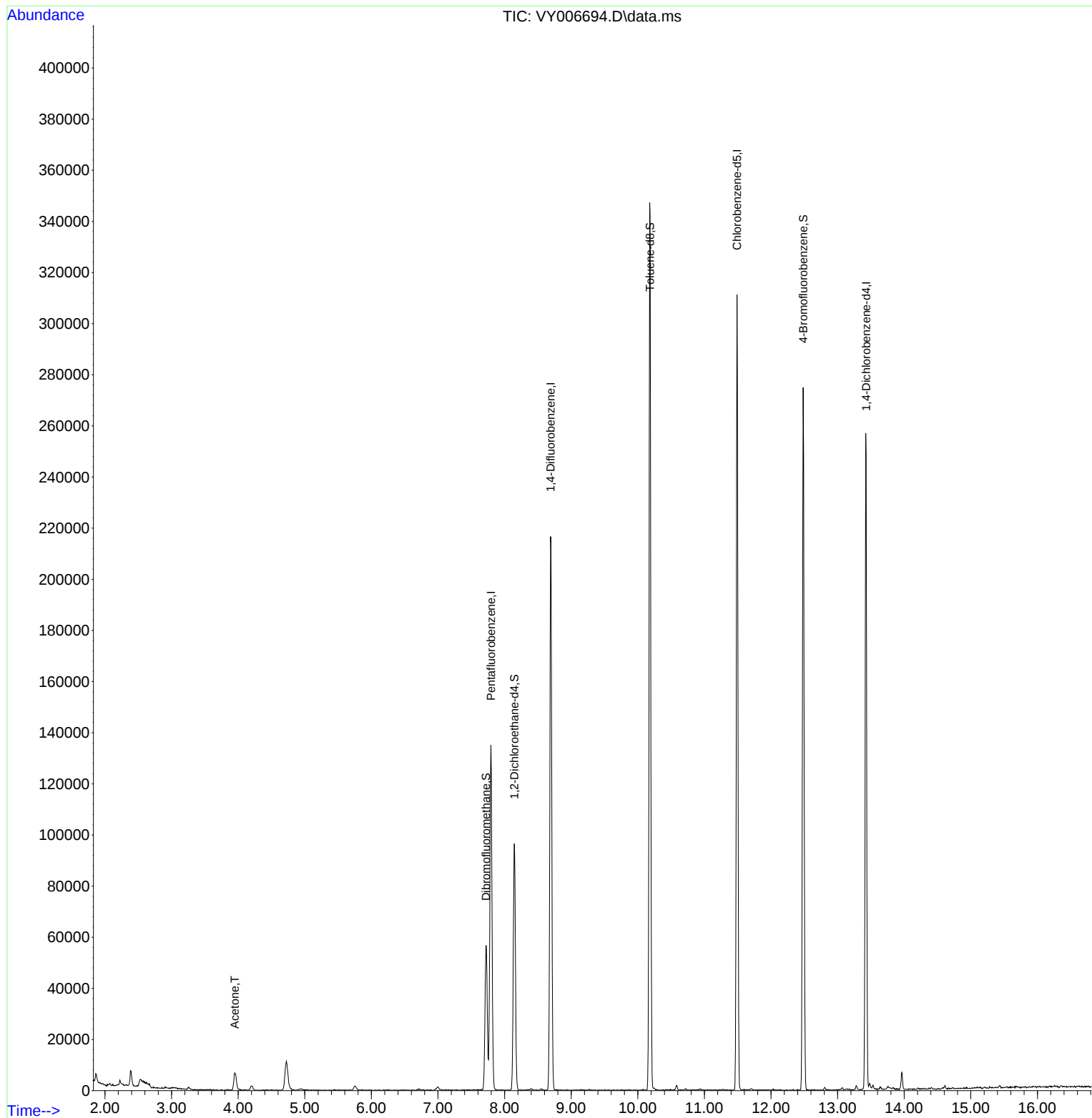
Internal Standards						
1) Pentafluorobenzene	7.795	168	99052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	170204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	152281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65662	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	77226	63.36	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.72%
35) Dibromofluoromethane	7.722	113	37941	39.99	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.98%
50) Toluene-d8	10.185	98	217139	53.99	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.98%
62) 4-Bromofluorobenzene	12.483	95	63286	46.72	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.44%
Target Compounds						
16) Acetone	3.948	43	12423	35.40	ug/l	Qvalue 97

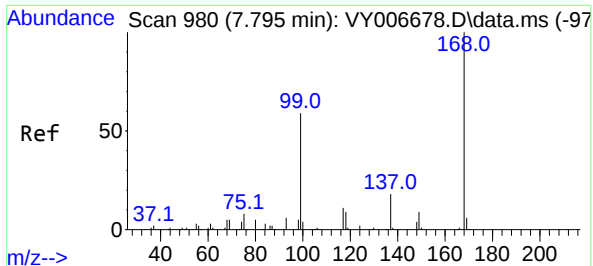
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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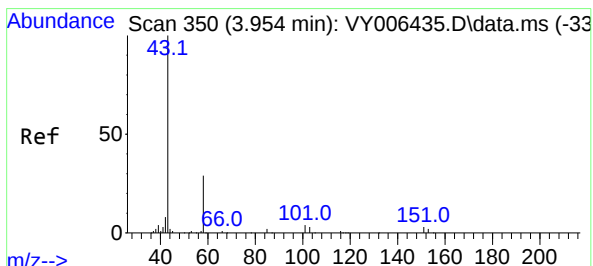
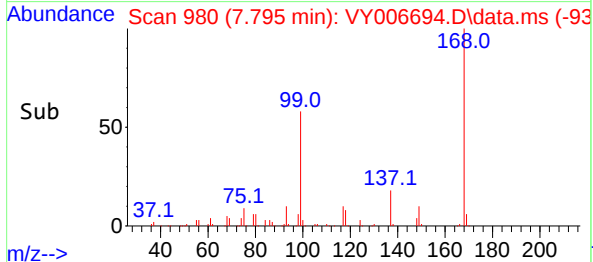
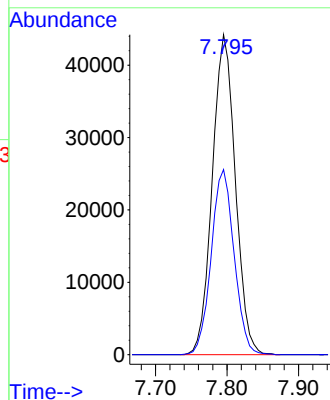
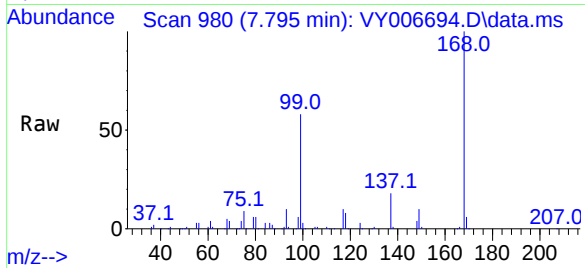




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006694.D
Acq: 08 Nov 2021 20:39

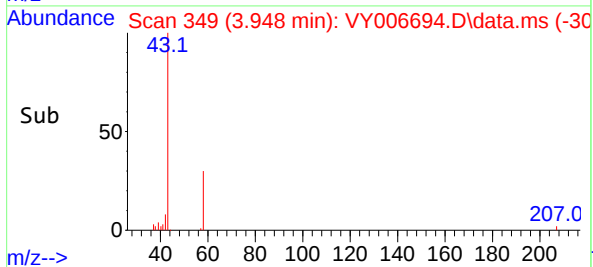
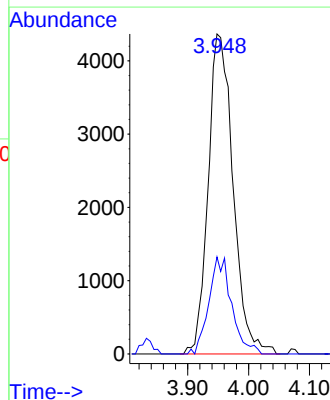
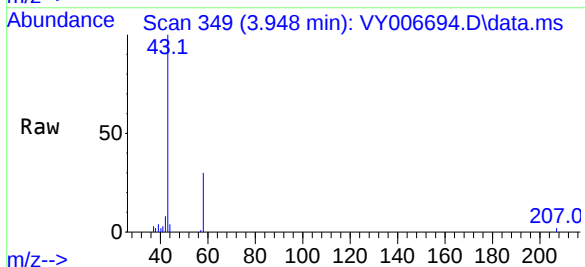
Instrument :
MSVOA_Y
ClientSampleId :
VWE-B4-110421-0-1

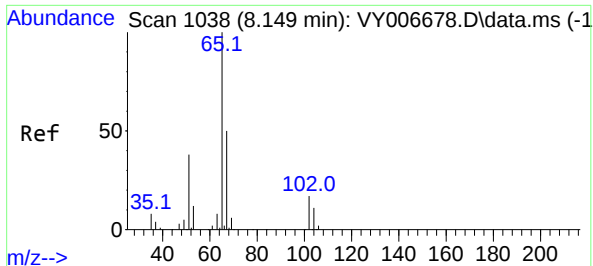
Tgt Ion:168 Resp: 99052
Ion Ratio Lower Upper
168 100
99 57.9 44.8 67.2



#16
Acetone
Concen: 35.40 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006694.D
Acq: 08 Nov 2021 20:39

Tgt Ion: 43 Resp: 12423
Ion Ratio Lower Upper
43 100
58 30.3 22.9 34.3





#33

1,2-Dichloroethane-d4

Concen: 63.36 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY006694.D

Acq: 08 Nov 2021 20:39

Instrument :

MSVOA_Y

ClientSampleId :

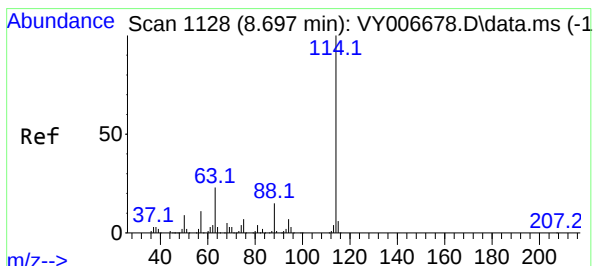
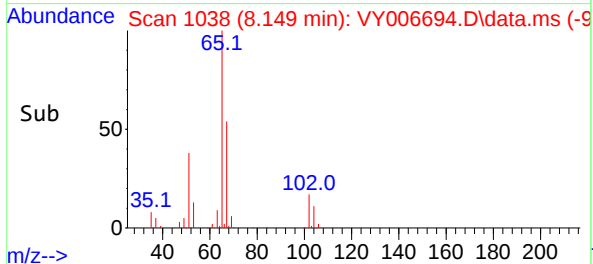
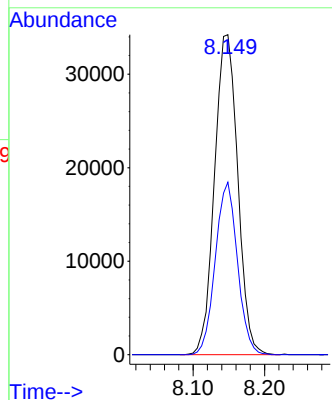
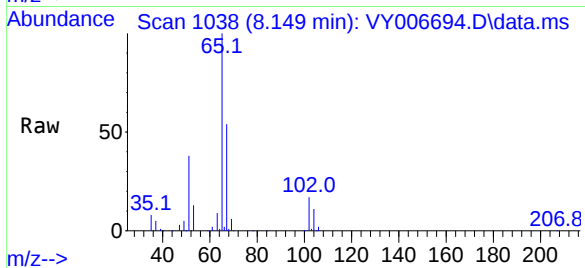
VWE-B4-110421-0-1

Tgt Ion: 65 Resp: 77226

Ion Ratio Lower Upper

65 100

67 51.3 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY006694.D

Acq: 08 Nov 2021 20:39

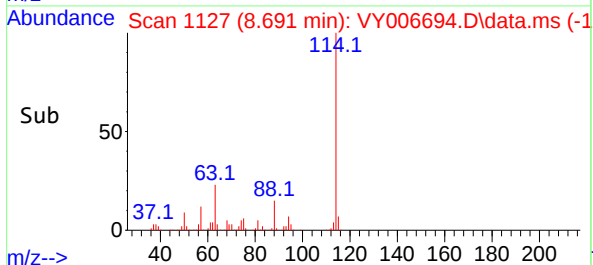
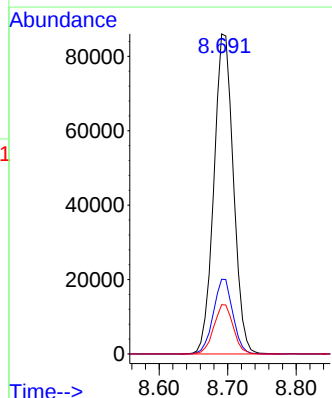
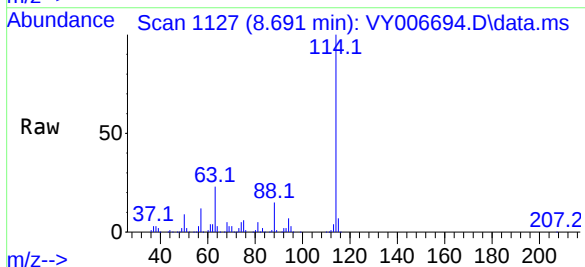
Tgt Ion: 114 Resp: 170204

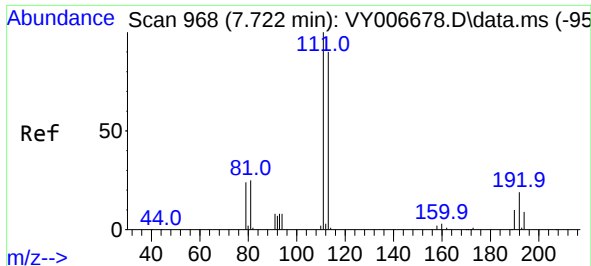
Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.0

88 15.4 0.0 30.6

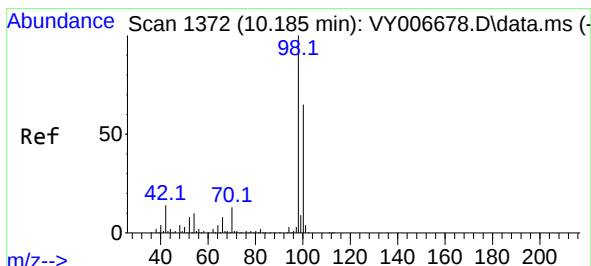
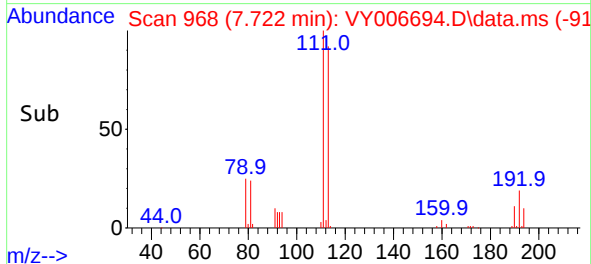
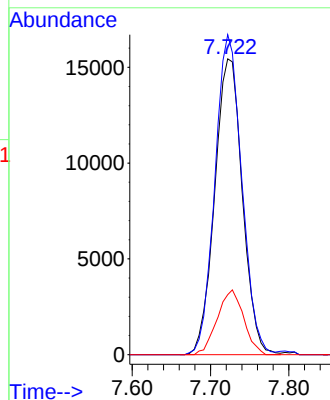
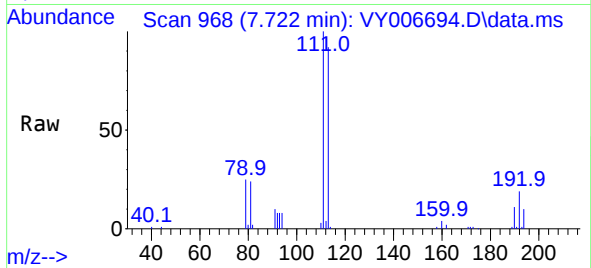




#35
Dibromofluoromethane
Concen: 39.99 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY006694.D
Acq: 08 Nov 2021 20:39

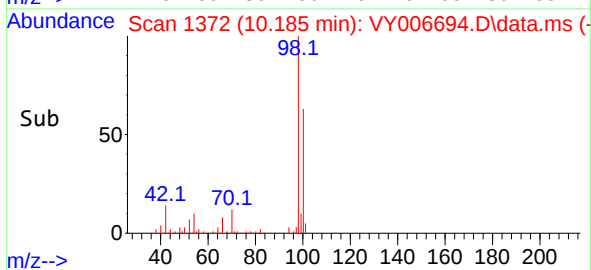
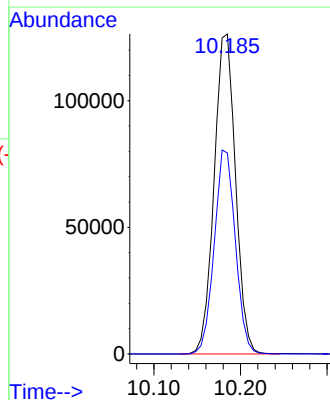
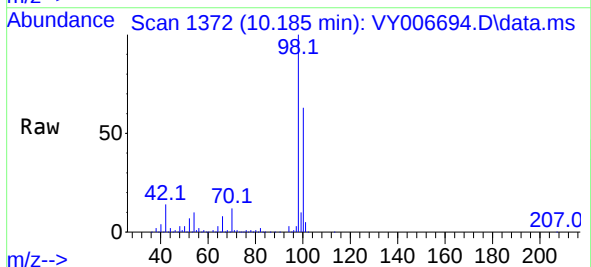
Instrument :
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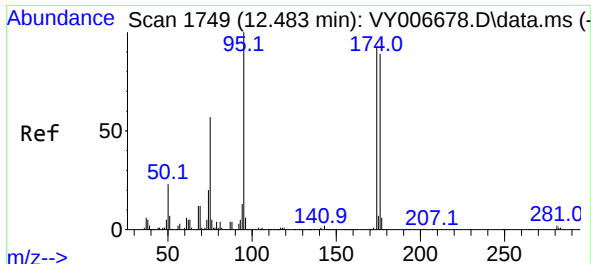
Tgt Ion:113 Resp: 37941
Ion Ratio Lower Upper
113 100
111 105.0 82.3 123.5
192 20.9 17.4 26.2



#50
Toluene-d8
Concen: 53.99 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006694.D
Acq: 08 Nov 2021 20:39

Tgt Ion: 98 Resp: 217139
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3



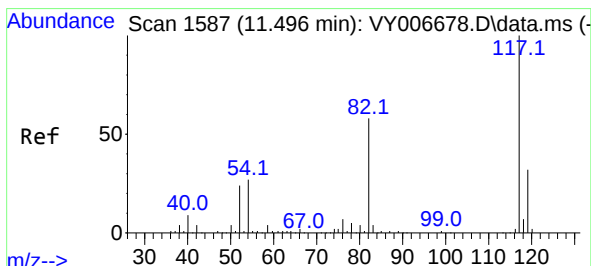
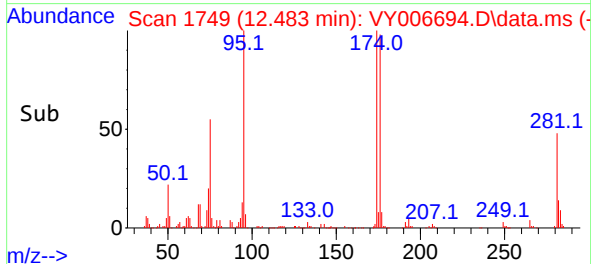
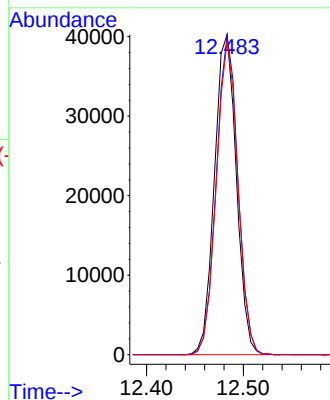
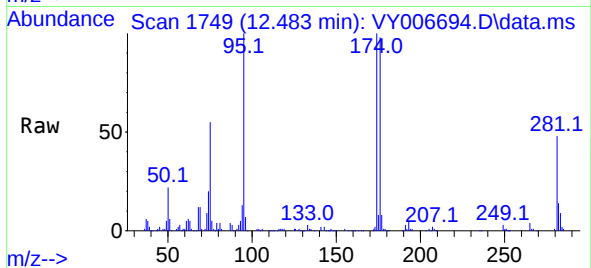


#62
4-Bromofluorobenzene
Concen: 46.72 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY006694.D
Acq: 08 Nov 2021 20:39

Instrument :
MSVOA_Y
ClientSampleId :
VWE-B4-110421-0-1

Tgt Ion: 95 Resp: 63286

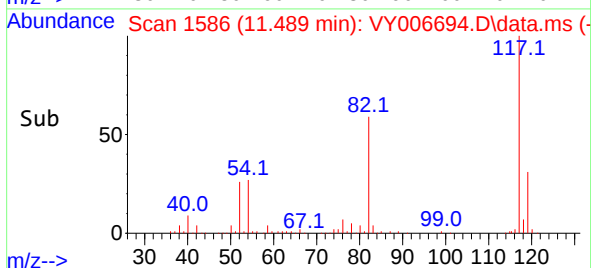
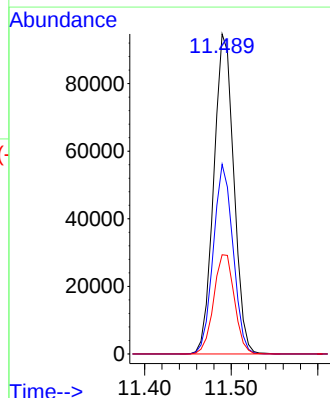
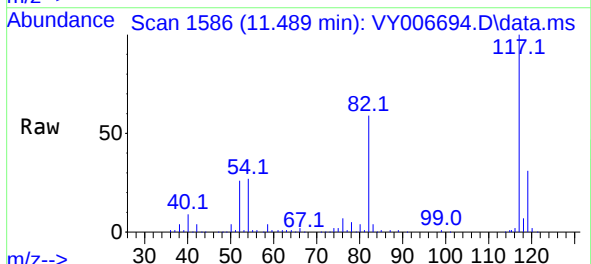
Ion	Ratio	Lower	Upper
95	100		
174	98.1	0.0	177.0
176	96.0	0.0	169.4

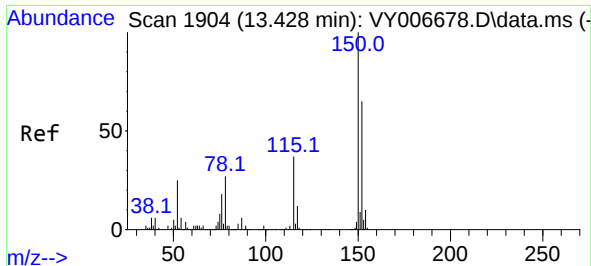


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006694.D
Acq: 08 Nov 2021 20:39

Tgt Ion: 117 Resp: 152281

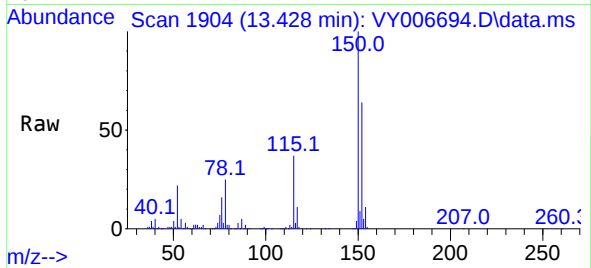
Ion	Ratio	Lower	Upper
117	100		
82	59.2	45.7	68.5
119	31.0	25.5	38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006694.D
 Acq: 08 Nov 2021 20:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VWE-B4-110421-0-1



Tgt Ion:	152	Resp:	65662
Ion Ratio	Lower	Upper	
152	100		
115	55.3	28.5	85.5
150	155.6	0.0	348.2

