

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102221\
 Data File : VY006451.D
 Acq On : 22 Oct 2021 19:56
 Operator : SY/MD
 Sample : M4324-04
 Misc : 5.77G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-SF-02-007-B

Quant Time: Oct 23 07:25:17 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)

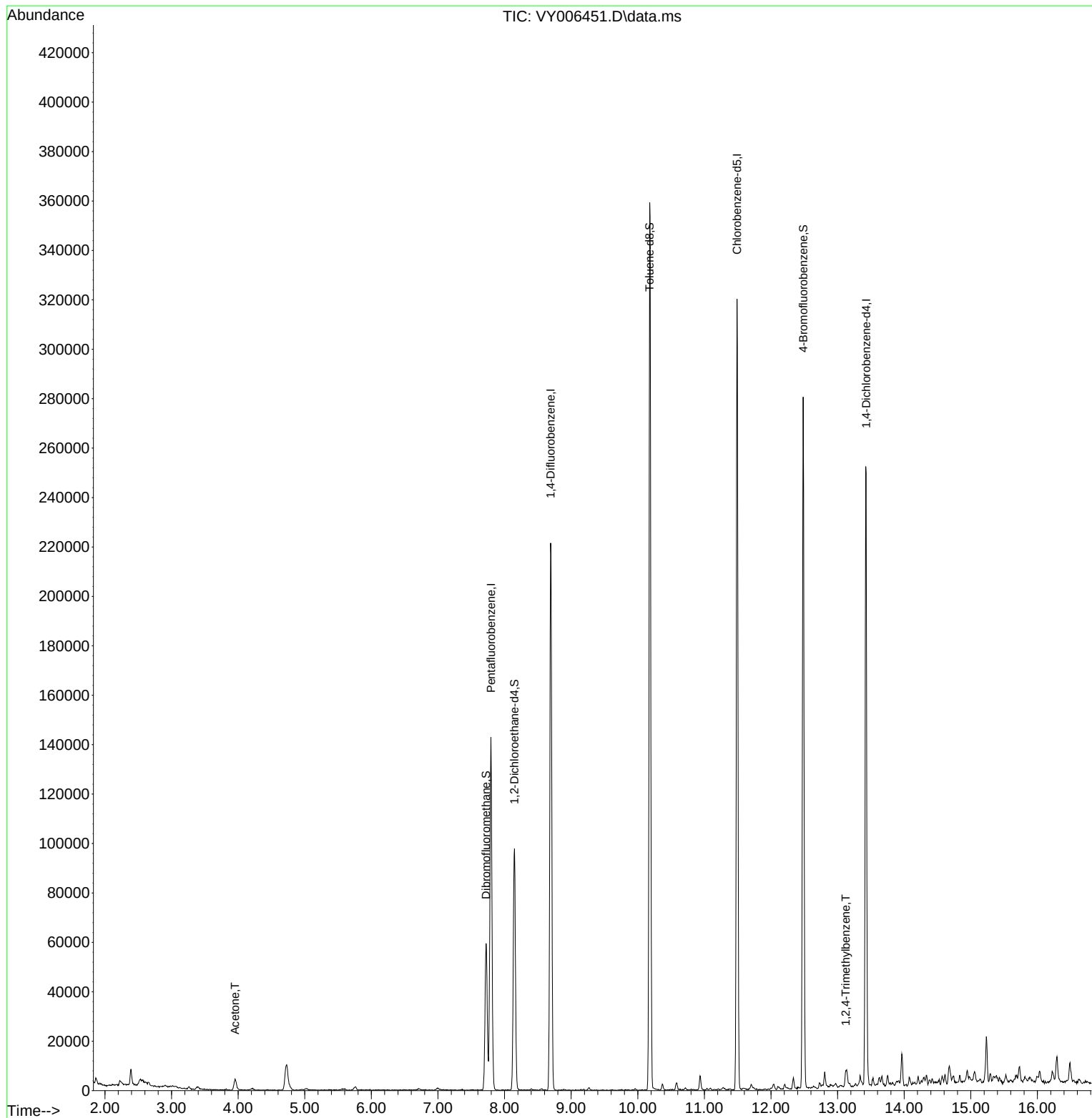
Internal Standards						
1) Pentafluorobenzene	7.795	168	102584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	178904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	160644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81827	64.820	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.640%	
35) Dibromofluoromethane	7.722	113	39625	39.738	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 79.480%	
50) Toluene-d8	10.179	98	226282	53.531	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.060%	
62) 4-Bromofluorobenzene	12.483	95	66536	46.727	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.460%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	7551	20.773	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	4093	1.124	ug/l	74

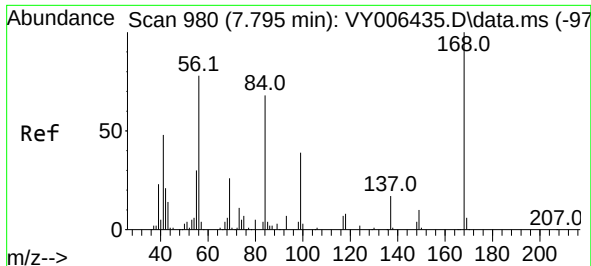
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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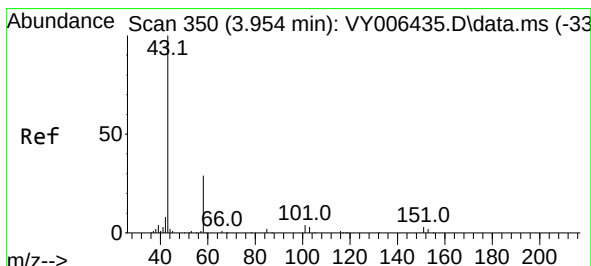
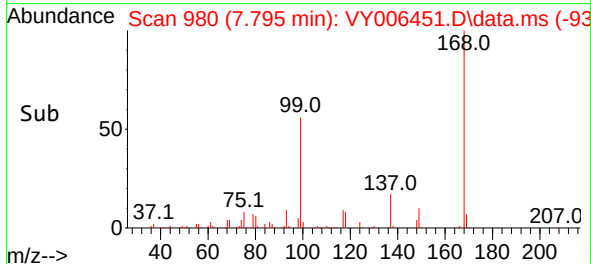
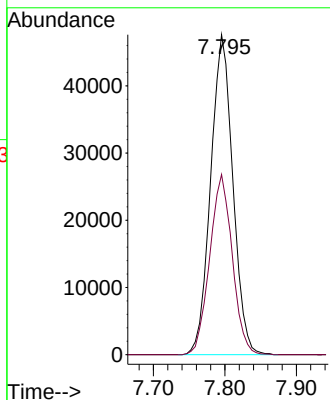
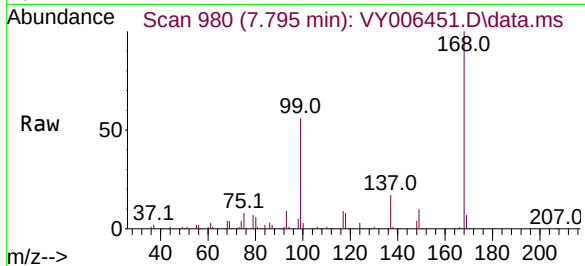




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006451.D
Acq: 22 Oct 2021 19:56

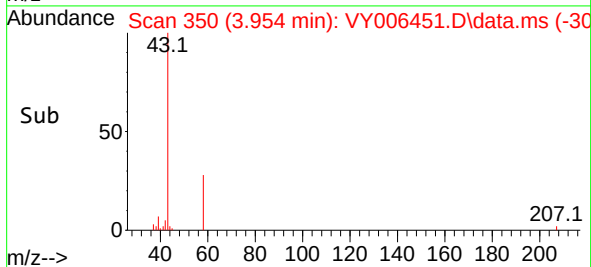
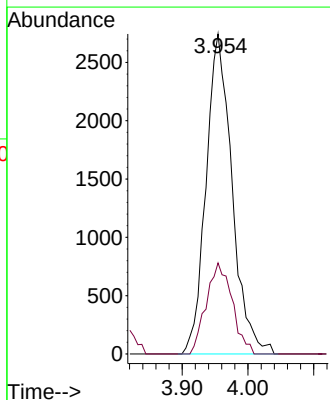
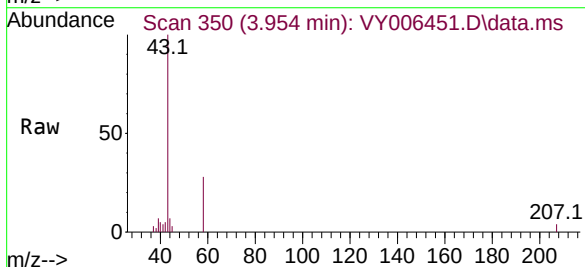
Instrument :
MSVOA_Y
ClientSampleId :
FK-SF-02-007-B

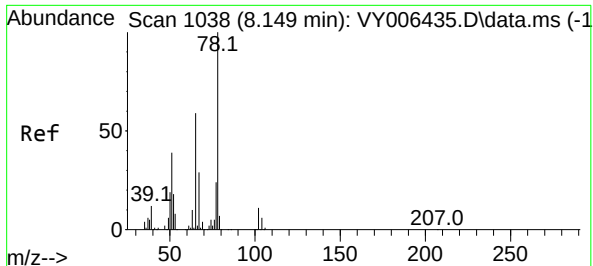
Tgt Ion:168 Resp: 102584
Ion Ratio Lower Upper
168 100
99 56.3 44.8 67.2



#16
Acetone
Concen: 20.773 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006451.D
Acq: 22 Oct 2021 19:56

Tgt Ion: 43 Resp: 7551
Ion Ratio Lower Upper
43 100
58 28.5 22.9 34.3





#33

1,2-Dichloroethane-d4

Concen: 64.820 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY006451.D

Acq: 22 Oct 2021 19:56

Instrument :

MSVOA_Y

ClientSampleId :

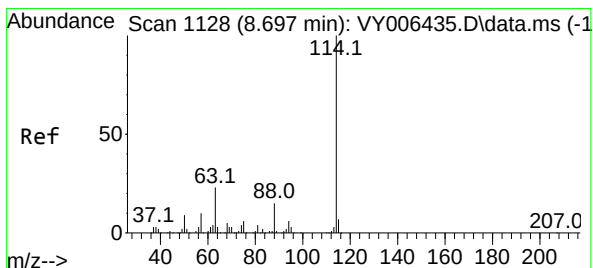
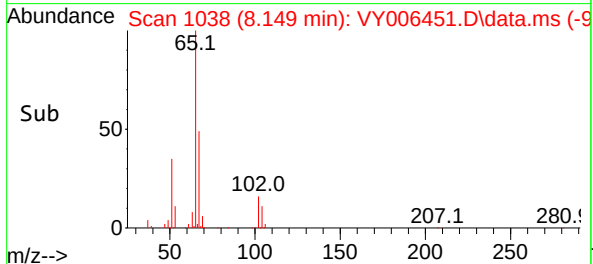
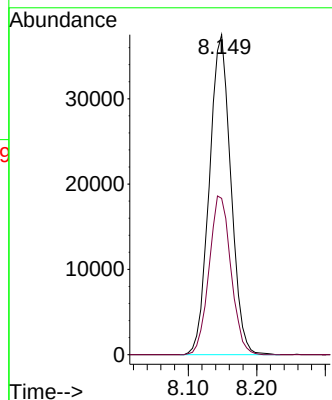
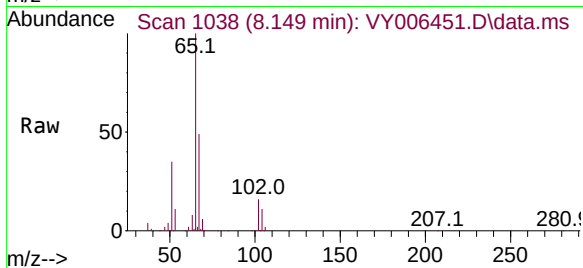
FK-SF-02-007-B

Tgt Ion: 65 Resp: 81827

Ion Ratio Lower Upper

65 100

67 50.3 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY006451.D

Acq: 22 Oct 2021 19:56

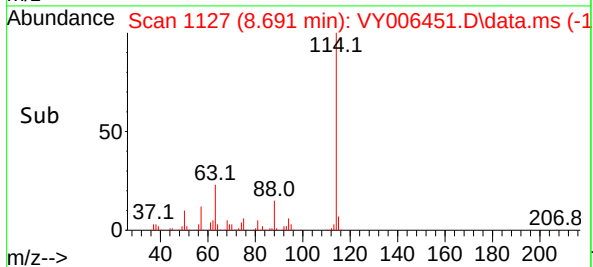
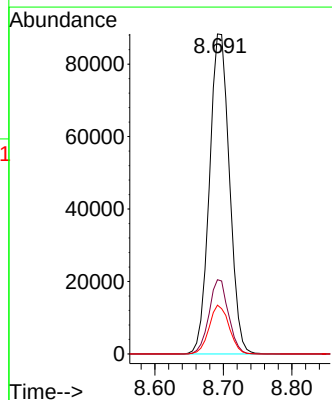
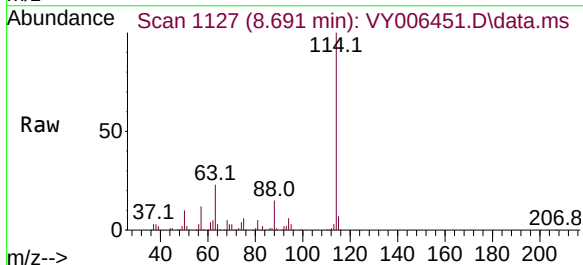
Tgt Ion: 114 Resp: 178904

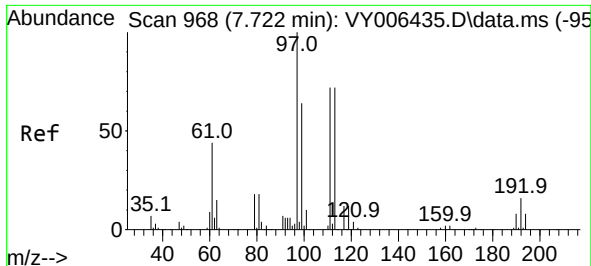
Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.0

88 15.2 0.0 30.6

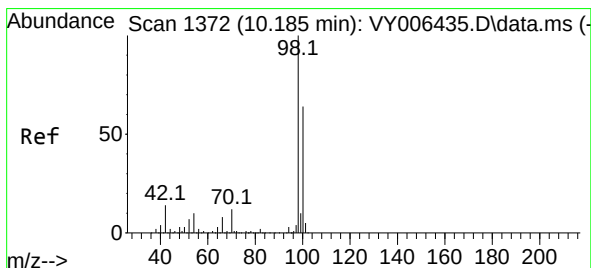
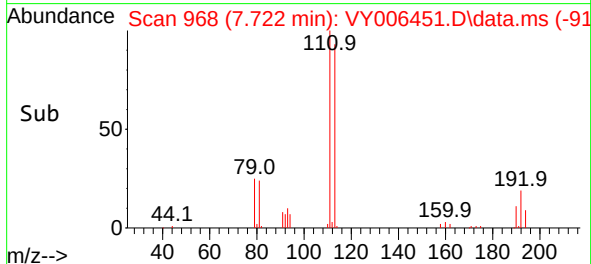
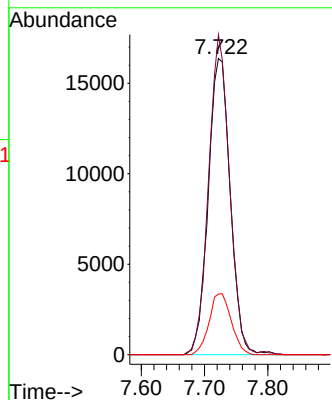
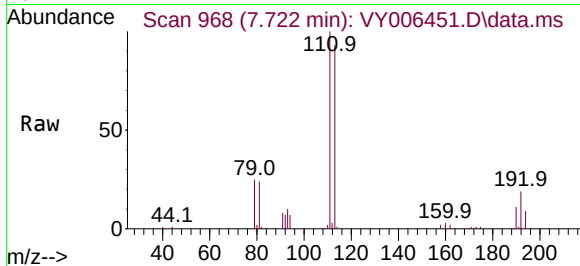




#35
 Dibromofluoromethane
 Concen: 39.738 ug/l
 RT: 7.722 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VY006451.D
 Acq: 22 Oct 2021 19:56

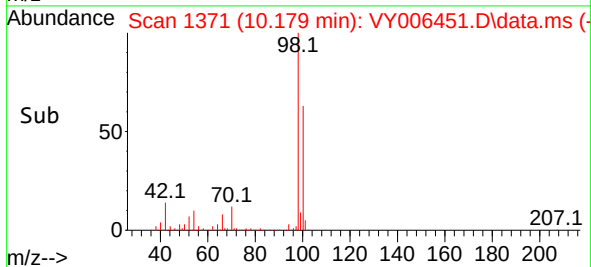
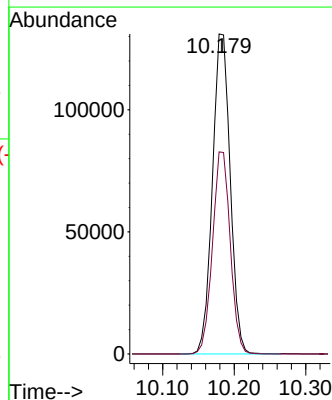
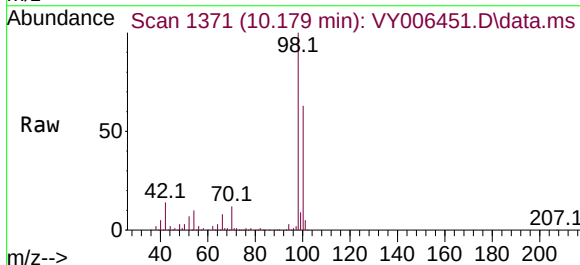
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-SF-02-007-B

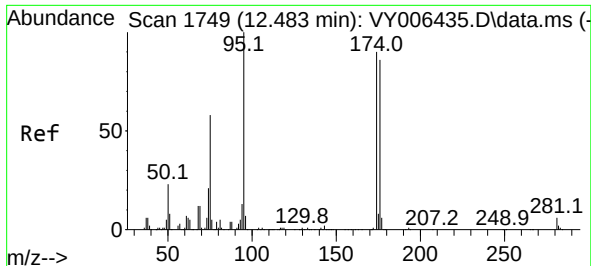
Tgt Ion:113 Resp: 39625
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.3 123.5
 192 20.7 17.4 26.2



#50
 Toluene-d8
 Concen: 53.531 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.006 min
 Lab File: VY006451.D
 Acq: 22 Oct 2021 19:56

Tgt Ion: 98 Resp: 226282
 Ion Ratio Lower Upper
 98 100
 100 63.0 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 46.727 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY006451.D

Acq: 22 Oct 2021 19:56

Instrument :

MSVOA_Y

ClientSampleId :

FK-SF-02-007-B

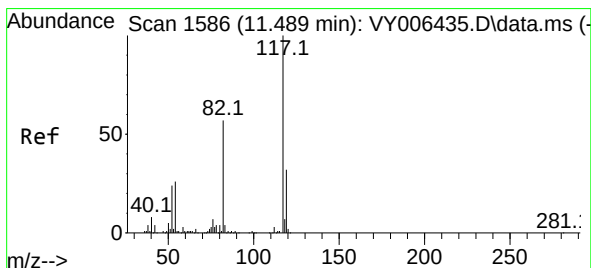
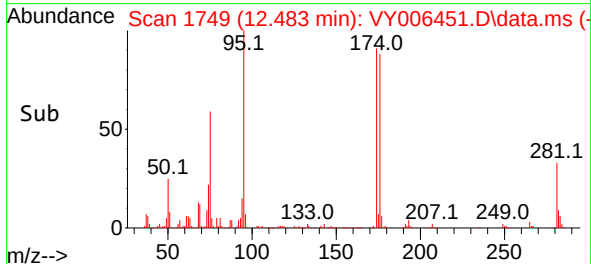
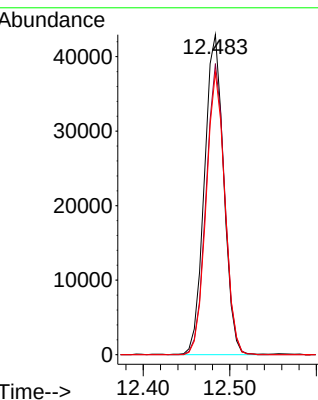
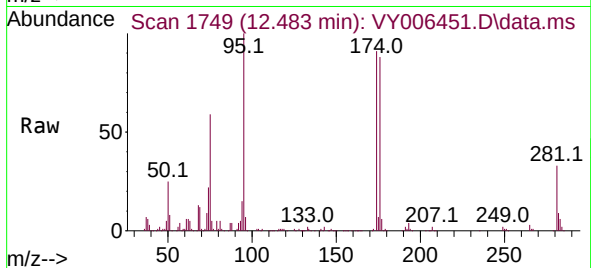
Tgt Ion: 95 Resp: 66536

Ion Ratio Lower Upper

95 100

174 87.9 0.0 177.0

176 85.3 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: VY006451.D

Acq: 22 Oct 2021 19:56

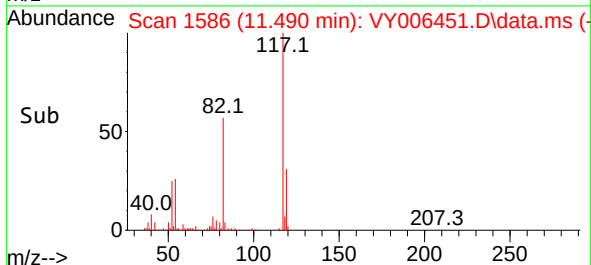
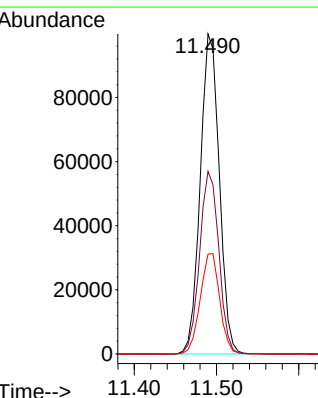
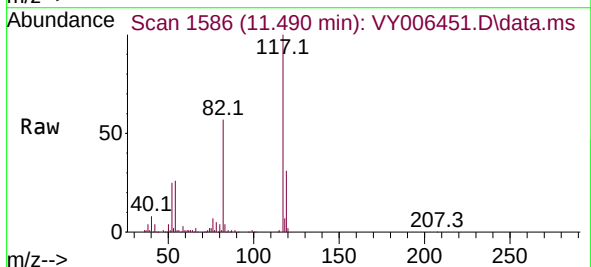
Tgt Ion: 117 Resp: 160644

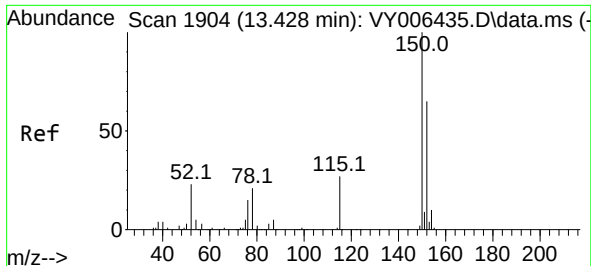
Ion Ratio Lower Upper

117 100

82 57.0 45.7 68.5

119 31.2 25.5 38.3

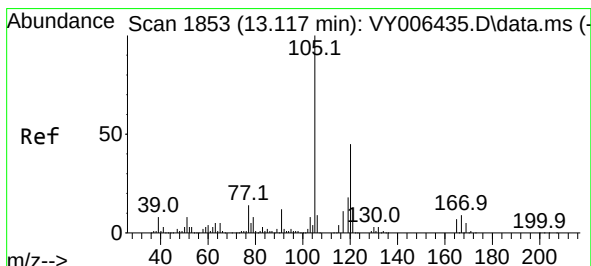
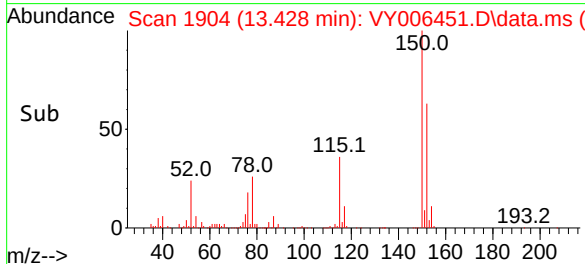
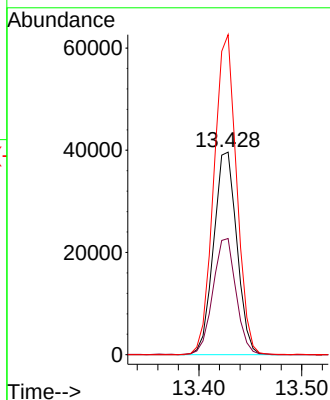
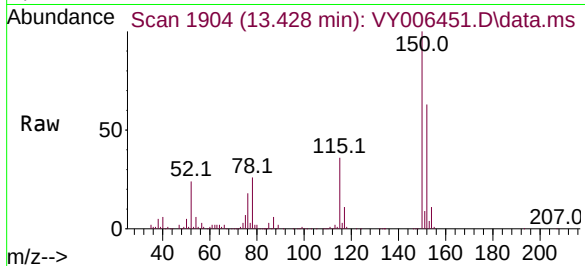




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006451.D
 Acq: 22 Oct 2021 19:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-SF-02-007-B

Tgt Ion:152 Resp: 62184
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.5 85.5
 150 154.3 0.0 348.2



#84
 1,2,4-Trimethylbenzene
 Concen: 1.124 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.006 min
 Lab File: VY006451.D
 Acq: 22 Oct 2021 19:56

Tgt Ion:105 Resp: 4093
 Ion Ratio Lower Upper
 105 100
 120 28.1 22.6 67.8

