

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004535.D
 Acq On : 20 Apr 2021 17:41
 Operator : SY/MD
 Sample : M2089-02
 Misc : 7.79G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-072-A

Quant Time: Apr 21 08:53:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	126805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	222293	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	210385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91846	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	85213	60.48	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.96%
35) Dibromofluoromethane	7.728	113	66428	53.85	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.70%
50) Toluene-d8	10.185	98	276796	52.75	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.50%
62) 4-Bromofluorobenzene	12.483	95	92188	51.77	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.54%

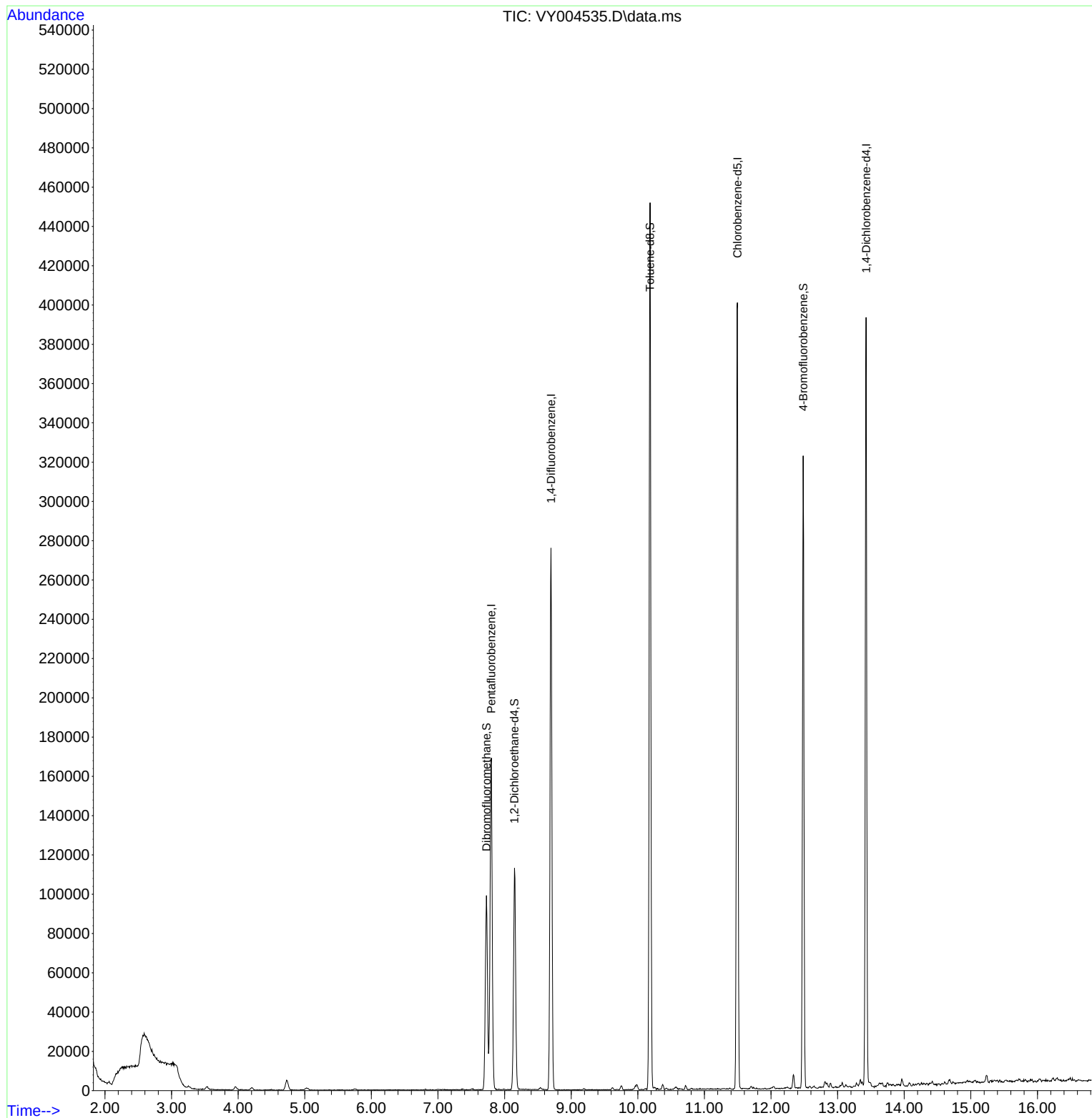
Target Compounds	Qvalue

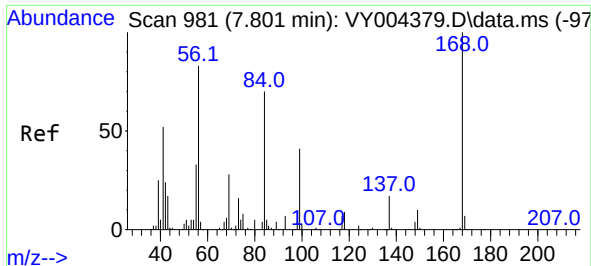
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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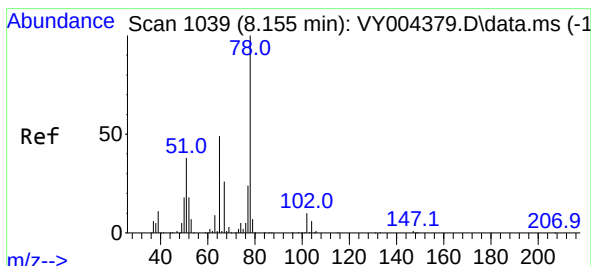
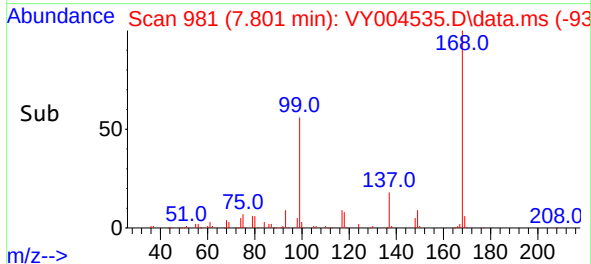
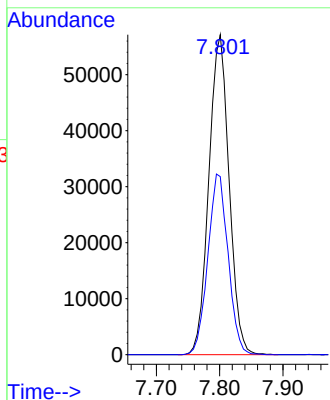
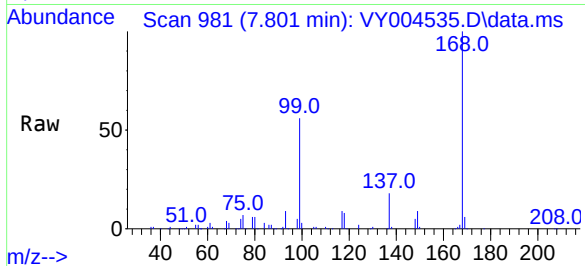




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004535.D
Acq: 20 Apr 2021 17:41

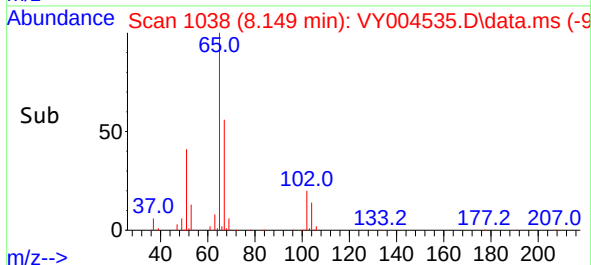
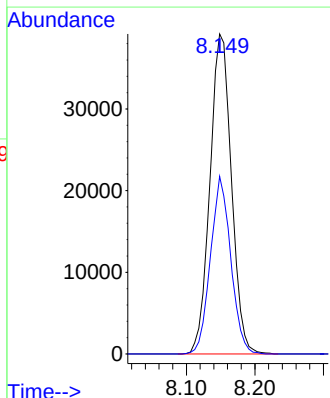
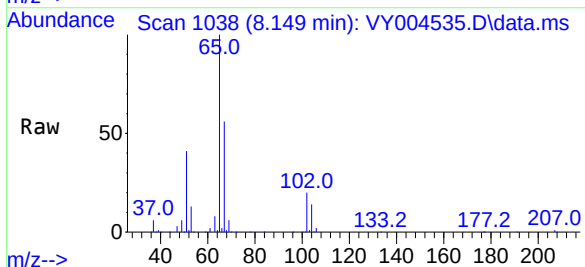
Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-072-A

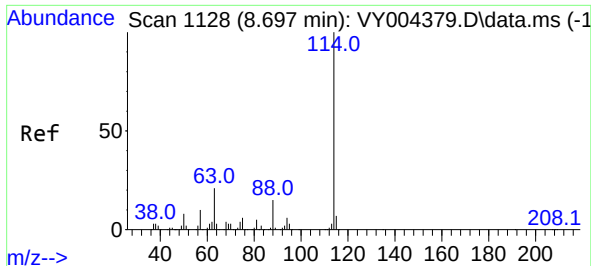
Tgt Ion:168 Resp: 126805
Ion Ratio Lower Upper
168 100
99 55.6 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 60.48 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004535.D
Acq: 20 Apr 2021 17:41

Tgt Ion: 65 Resp: 85213
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY004535.D

Acq: 20 Apr 2021 17:41

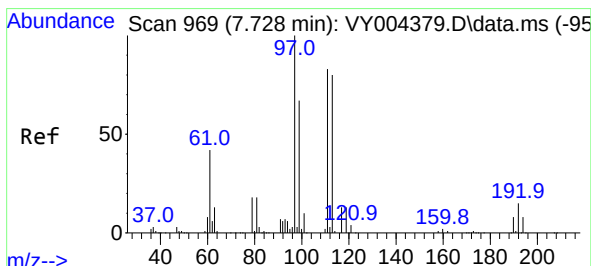
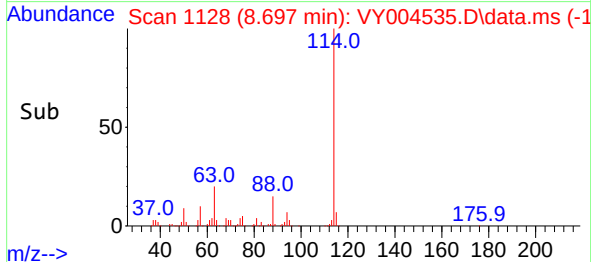
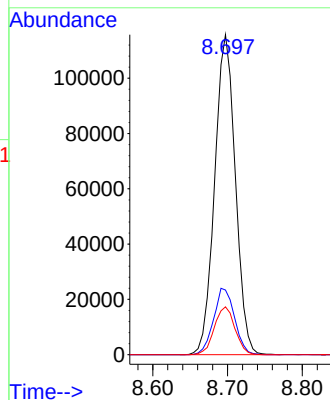
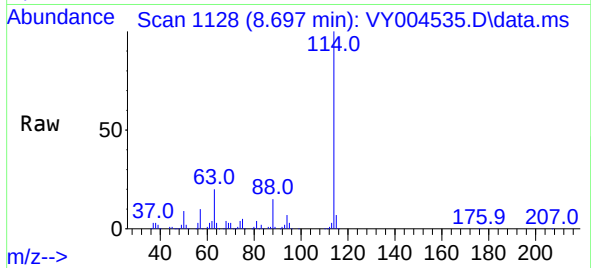
Tgt Ion:114 Resp: 222293

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

88 14.9 0.0 30.8



#35

Dibromofluoromethane

Concen: 53.85 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY004535.D

Acq: 20 Apr 2021 17:41

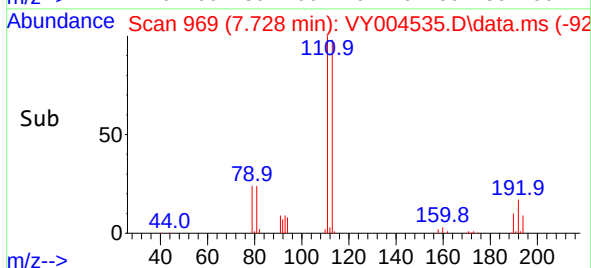
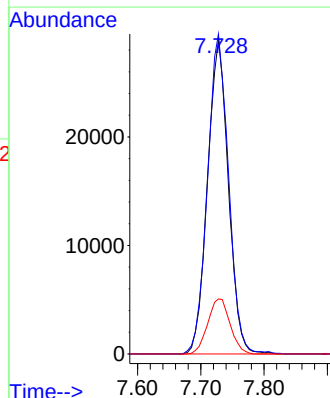
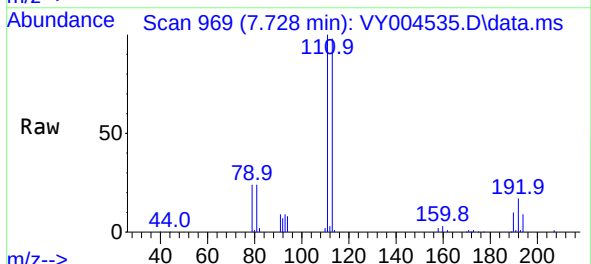
Tgt Ion:113 Resp: 66428

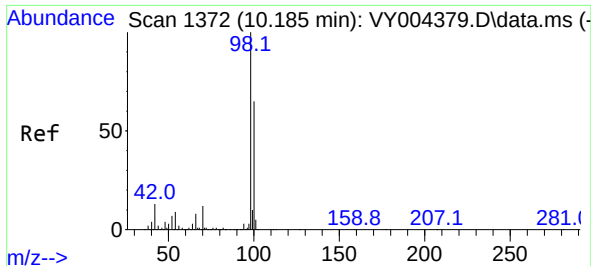
Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

192 18.7 16.1 24.1

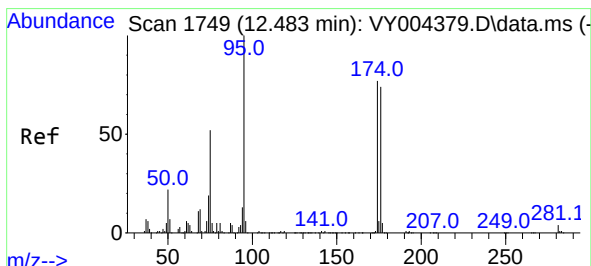
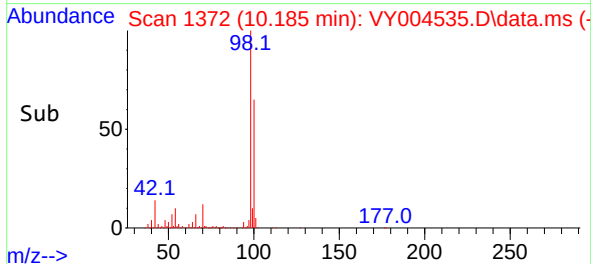
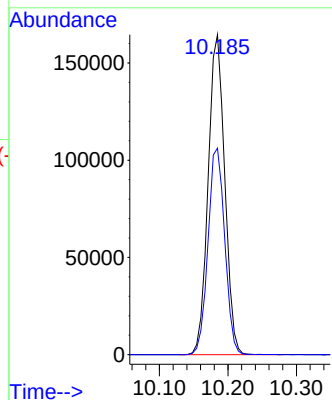
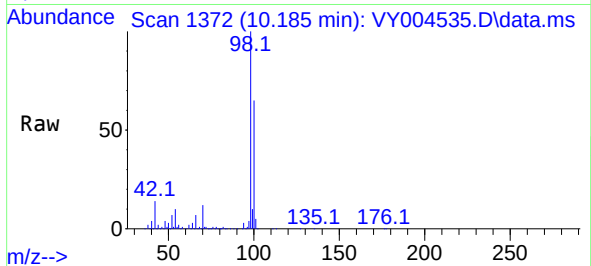




#50
Toluene-d8
Concen: 52.75 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004535.D
Acq: 20 Apr 2021 17:41

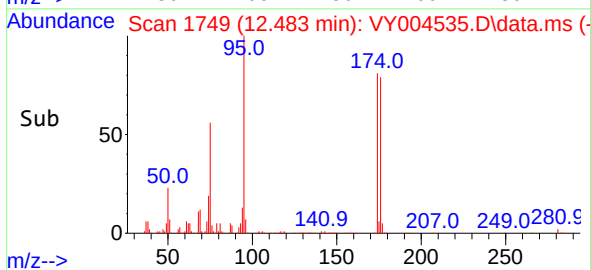
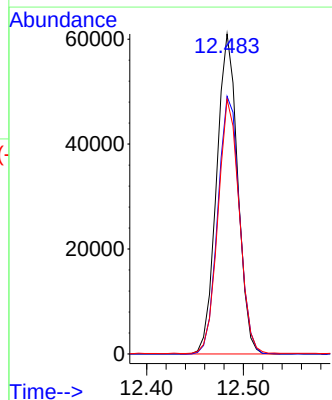
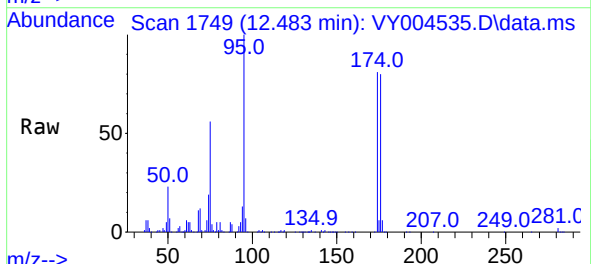
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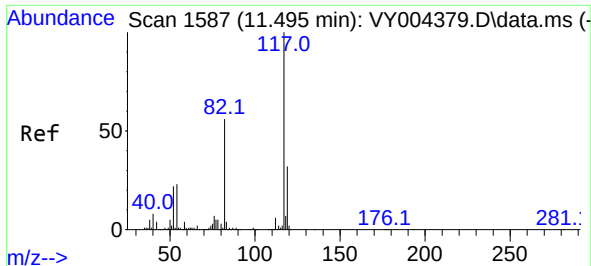
Tgt Ion: 98 Resp: 276796
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 51.77 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004535.D
Acq: 20 Apr 2021 17:41

Tgt Ion: 95 Resp: 92188
Ion Ratio Lower Upper
95 100
174 82.4 0.0 162.4
176 79.7 0.0 156.0

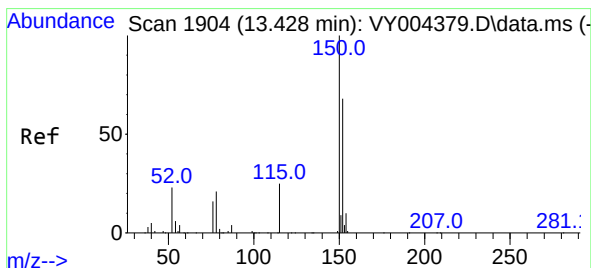
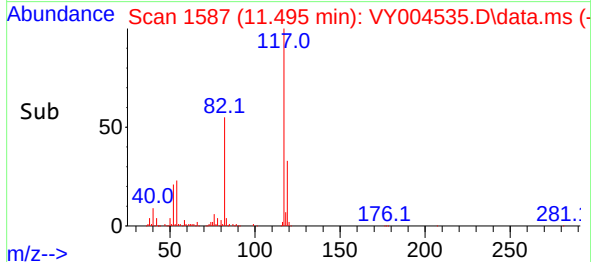
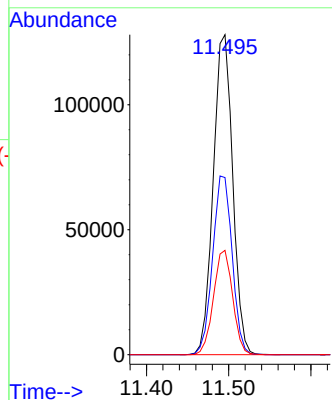
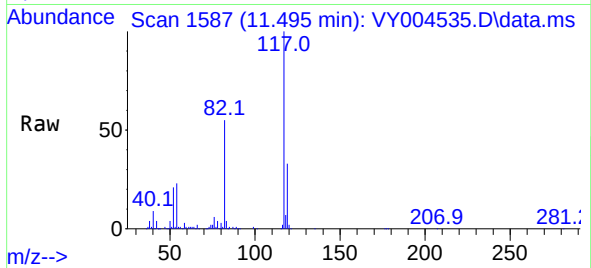




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004535.D
Acq: 20 Apr 2021 17:41

Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-072-A

Tgt Ion:	117	Resp:	210385
Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.9	67.3
119	32.6	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004535.D
Acq: 20 Apr 2021 17:41

Tgt Ion:	152	Resp:	91846
Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.6	88.8
150	158.0	0.0	348.4

