

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041421\
 Data File : VY004417.D
 Acq On : 14 Apr 2021 13:30
 Operator : SY/MD
 Sample : M2024-02
 Misc : 7.53G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-071-A

Quant Time: Apr 15 01:06:57 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	171941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	299440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	280333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127327	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	112836	59.06	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.12%
35) Dibromofluoromethane	7.728	113	88522	53.27	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.54%
50) Toluene-d8	10.185	98	370596	52.43	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.86%
62) 4-Bromofluorobenzene	12.483	95	125957	52.51	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.02%

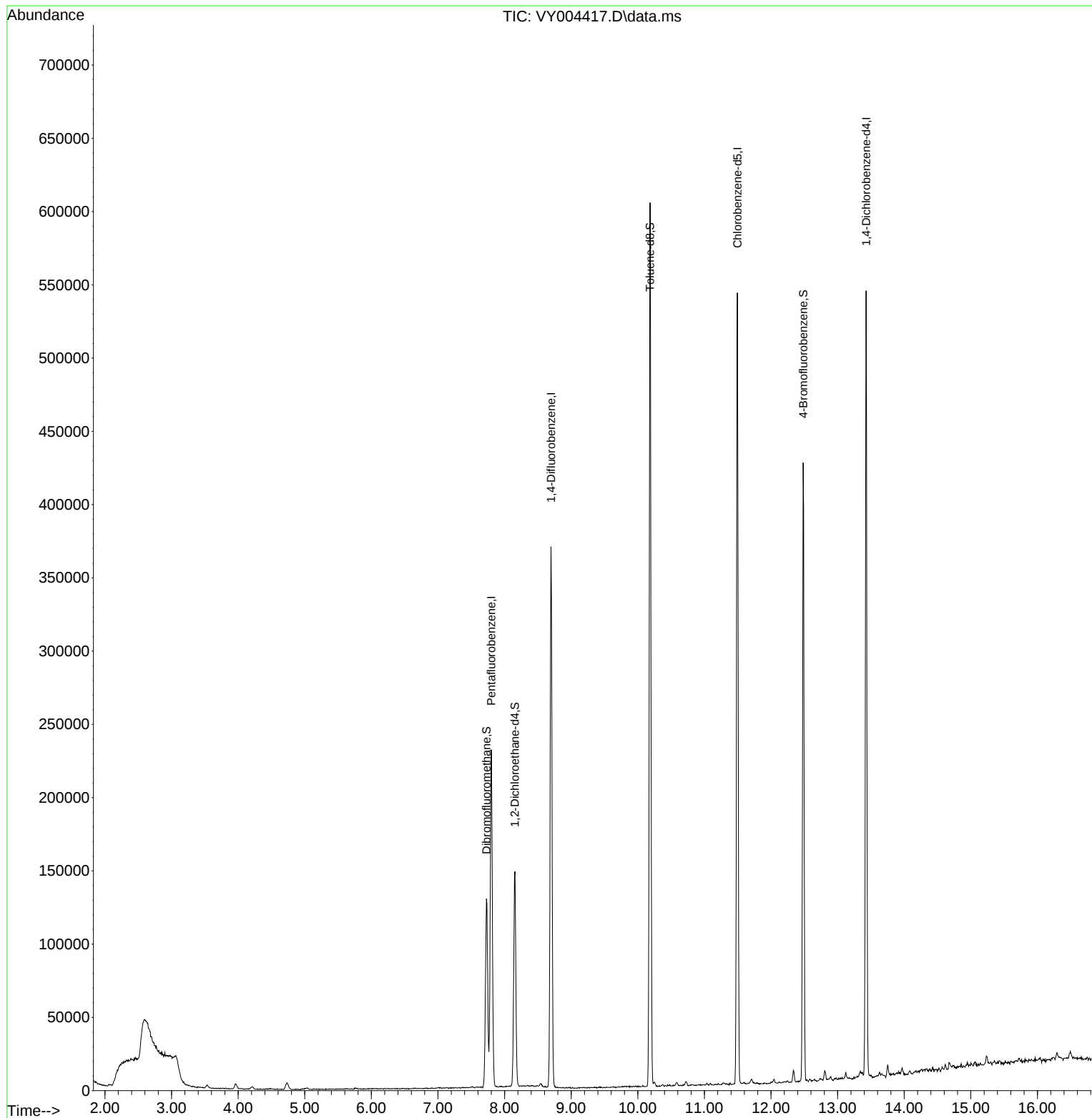
Target Compounds	Qvalue

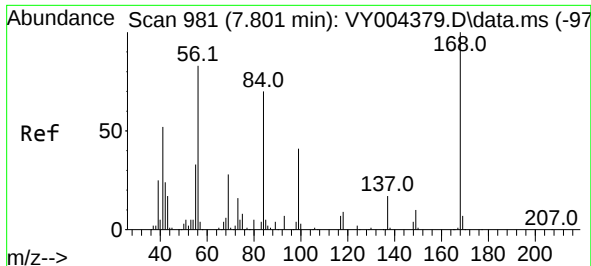
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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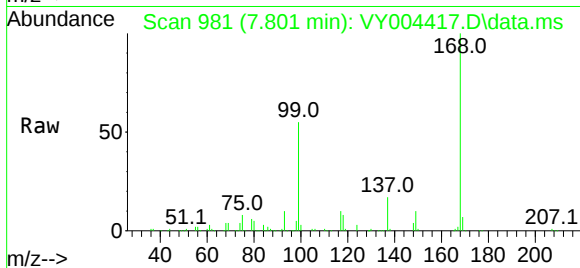
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
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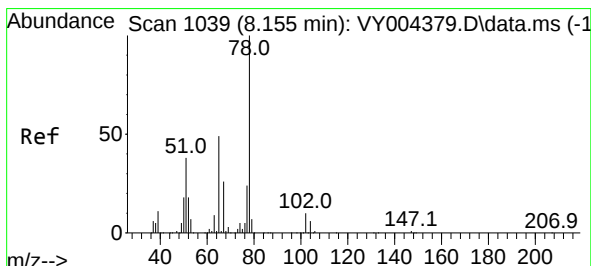
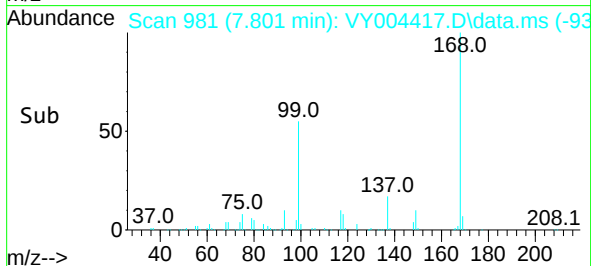
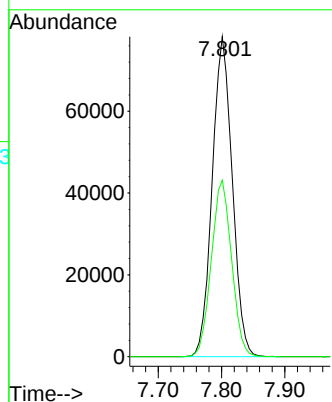


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004417.D
Acq: 14 Apr 2021 13:30

Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-071-A

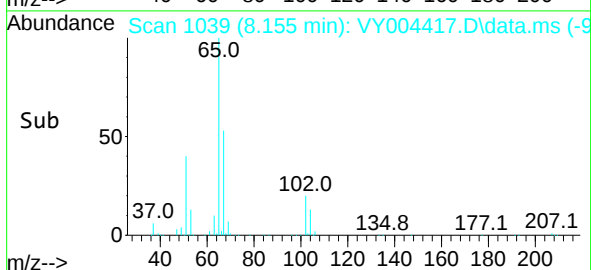
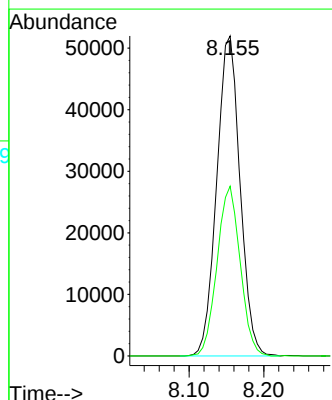
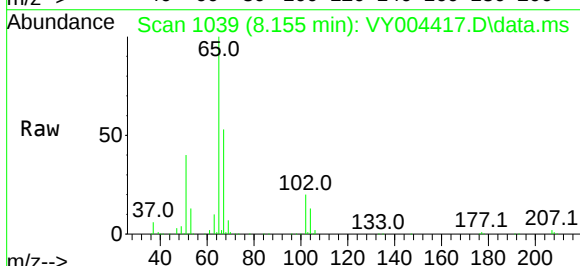


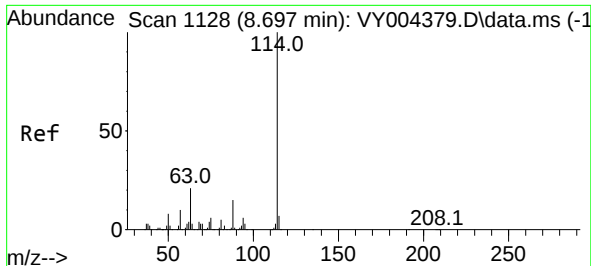
Tgt Ion:168 Resp: 171941
Ion Ratio Lower Upper
168 100
99 55.1 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 59.06 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004417.D
Acq: 14 Apr 2021 13:30

Tgt Ion: 65 Resp: 112836
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.4

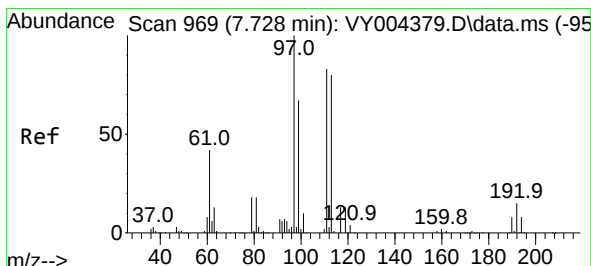
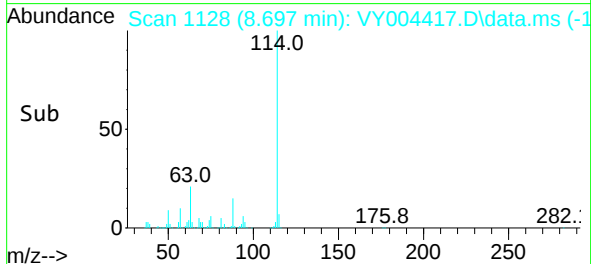
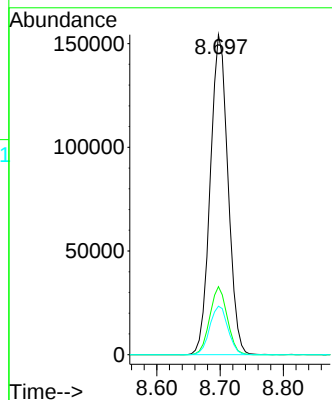
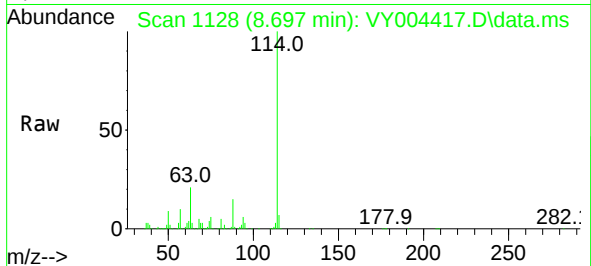




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004417.D
Acq: 14 Apr 2021 13:30

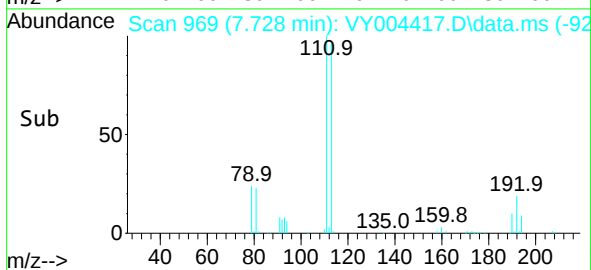
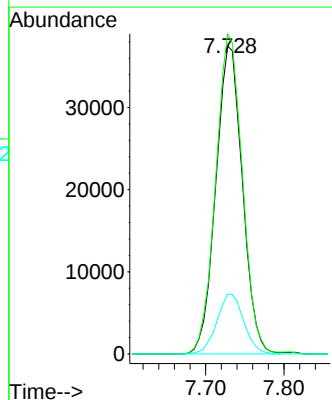
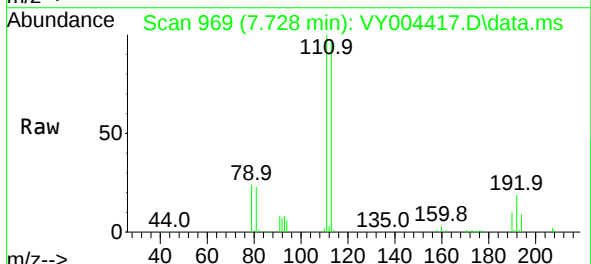
Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-071-A

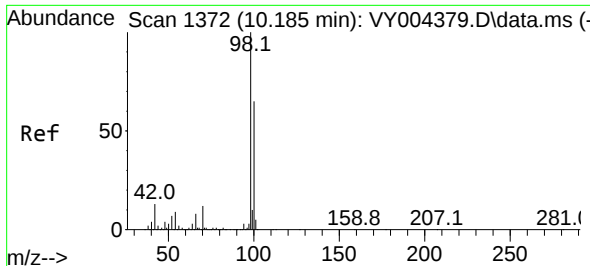
Tgt Ion:	114	Resp:	299440
Ion Ratio	Lower	Upper	
114	100		
63	21.2	0.0	42.4
88	15.2	0.0	30.8



#35
Dibromofluoromethane
Concen: 53.27 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004417.D
Acq: 14 Apr 2021 13:30

Tgt Ion:	113	Resp:	88522
Ion Ratio	Lower	Upper	
113	100		
111	104.2	82.6	123.8
192	19.6	16.1	24.1

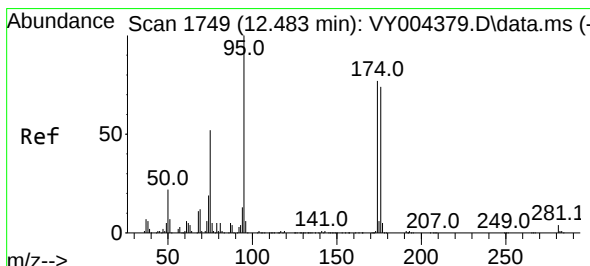
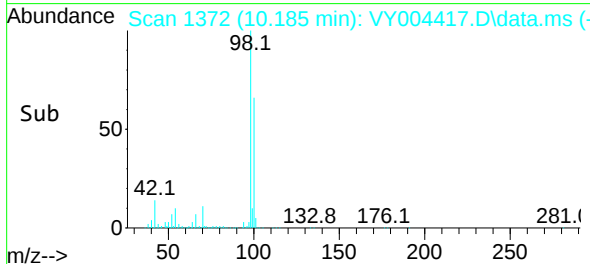
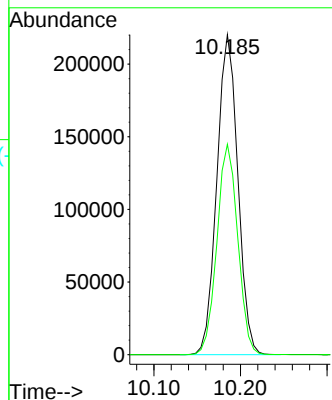
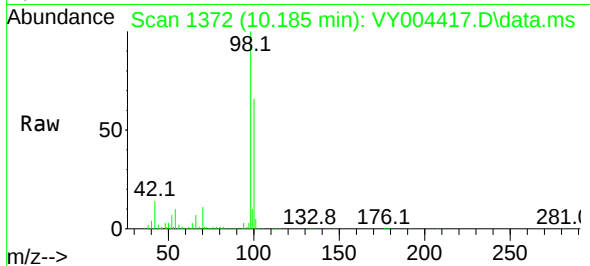




#50
Toluene-d8
Concen: 52.43 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004417.D
Acq: 14 Apr 2021 13:30

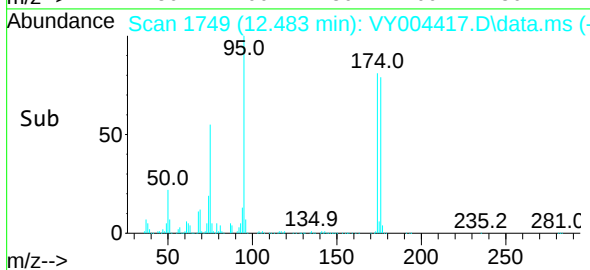
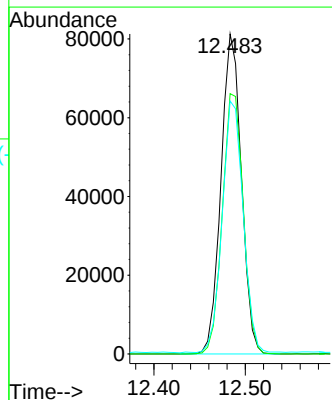
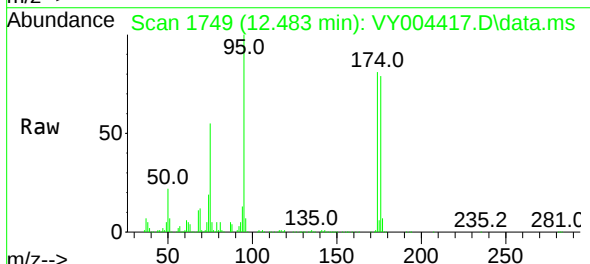
Instrument :
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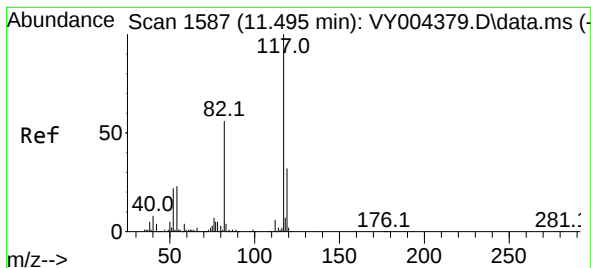
Tgt Ion: 98 Resp: 370596
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.51 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004417.D
Acq: 14 Apr 2021 13:30

Tgt Ion: 95 Resp: 125957
Ion Ratio Lower Upper
95 100
174 83.4 0.0 162.4
176 81.0 0.0 156.0

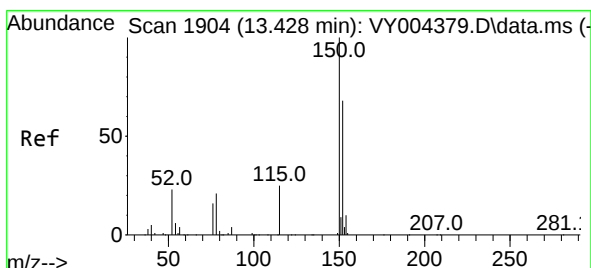
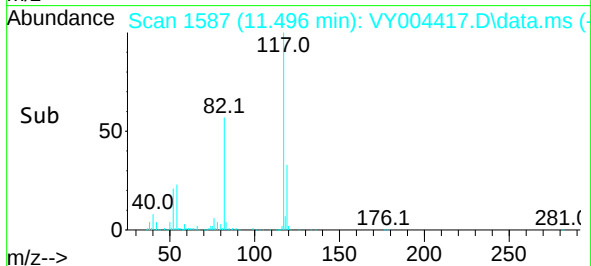
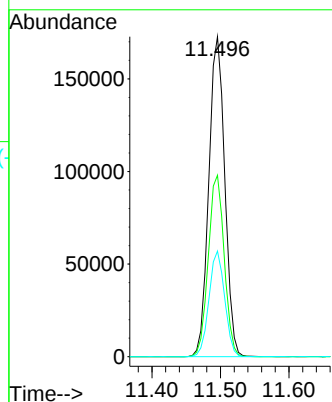
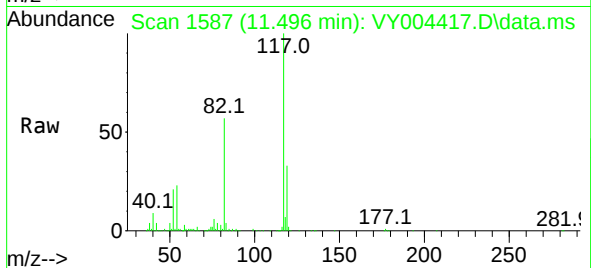




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004417.D
Acq: 14 Apr 2021 13:30

Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-071-A

Tgt Ion:117 Resp: 280333
Ion Ratio Lower Upper
117 100
82 56.7 44.9 67.3
119 33.0 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: VY004417.D
Acq: 14 Apr 2021 13:30

Tgt Ion:152 Resp: 127327
Ion Ratio Lower Upper
152 100
115 59.0 29.6 88.8
150 157.6 0.0 348.4

