

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
 Data File : VY004449.D
 Acq On : 15 Apr 2021 18:27
 Operator : SY/MD
 Sample : M2048-12
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-14.5-15.0

Quant Time: Apr 16 05:06:16 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)

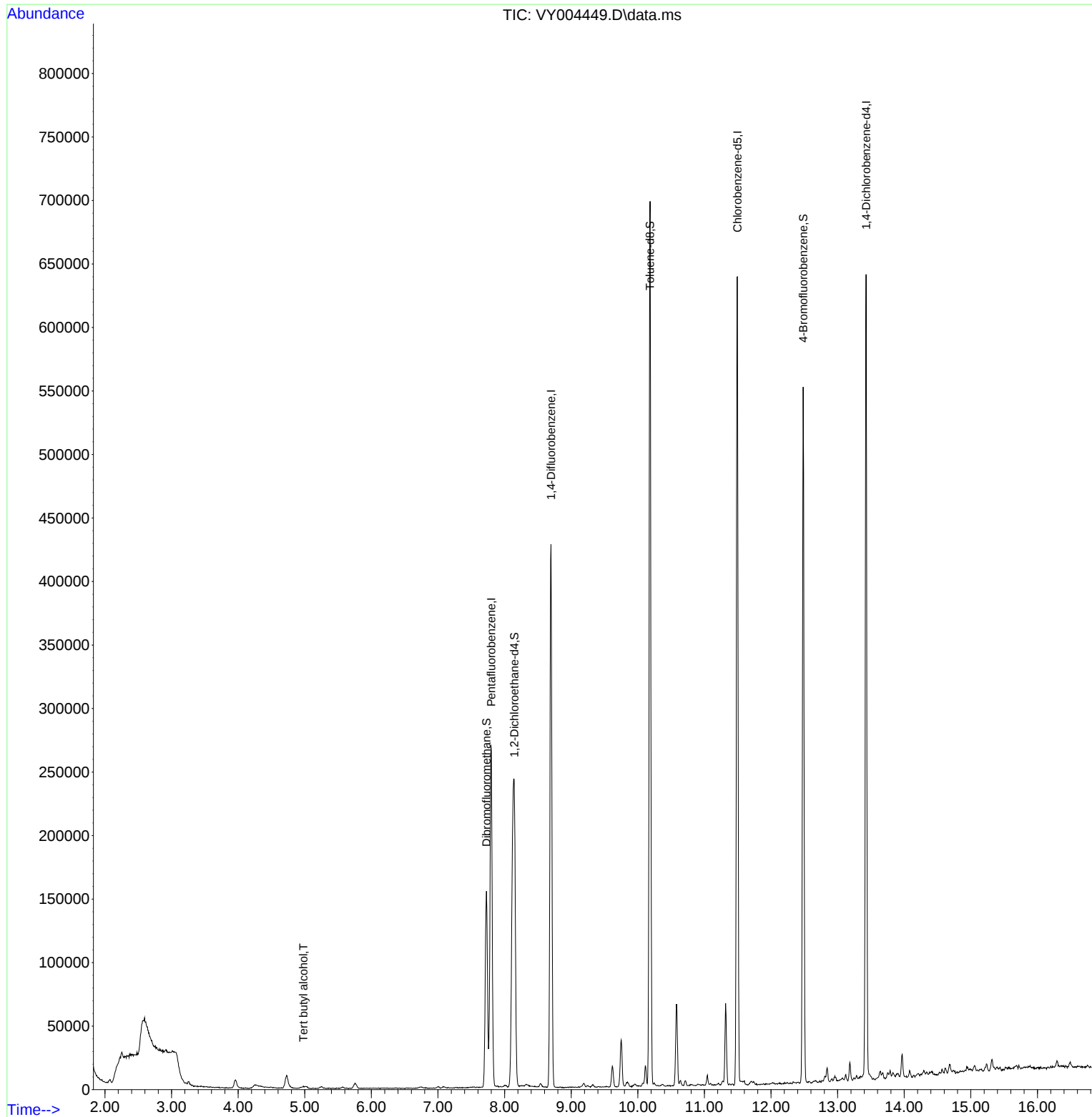
Internal Standards						
1) Pentafluorobenzene	7.801	168	206391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	355750	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	337593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	153284	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	133770	58.34	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.68%
35) Dibromofluoromethane	7.728	113	107010	54.20	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.40%
50) Toluene-d8	10.185	98	440687	52.48	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.96%
62) 4-Bromofluorobenzene	12.483	95	153021	53.70	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.40%
Target Compounds						
11) Tert butyl alcohol	4.978	59	2936	12.99	ug/l	Qvalue # 84

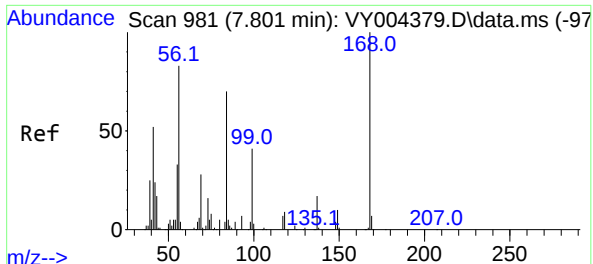
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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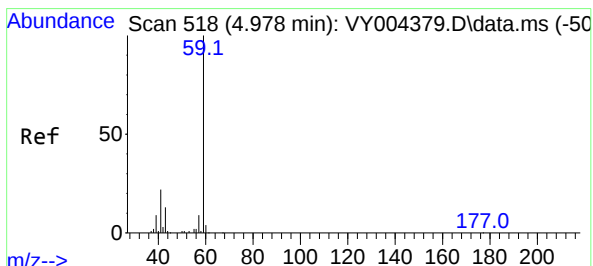
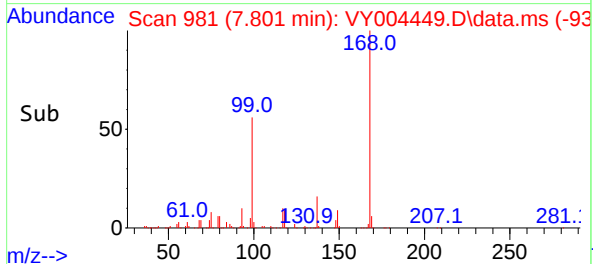
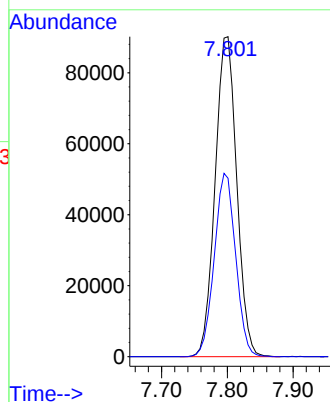
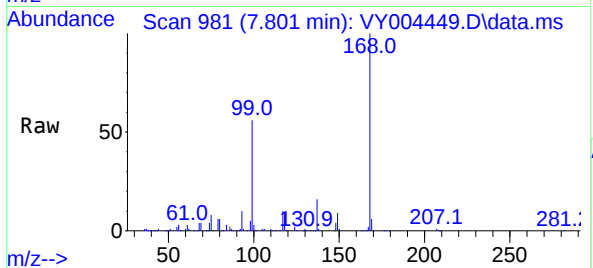




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004449.D
Acq: 15 Apr 2021 18:27

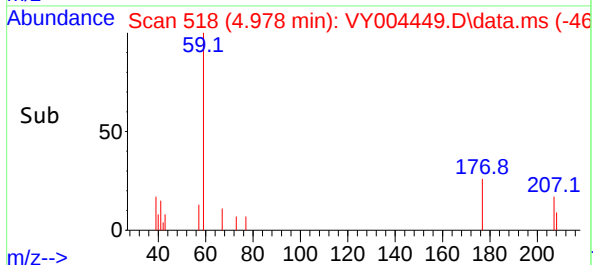
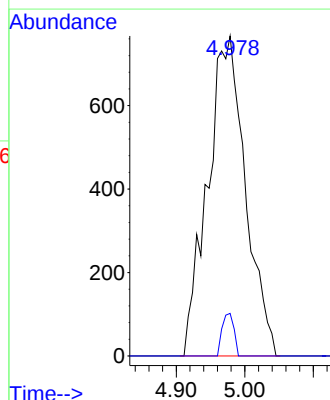
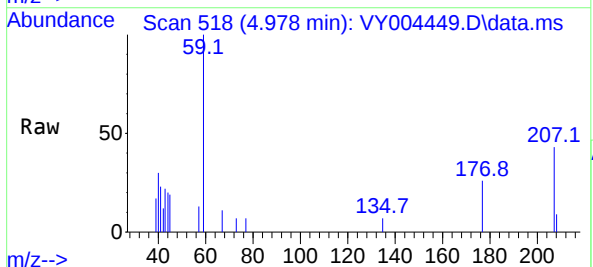
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-14.5-15.0

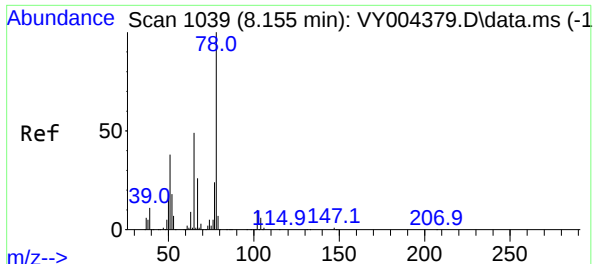
Tgt Ion:168 Resp: 206391
Ion Ratio Lower Upper
168 100
99 55.7 45.5 68.3



#11
Tert butyl alcohol
Concen: 12.99 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY004449.D
Acq: 15 Apr 2021 18:27

Tgt Ion: 59 Resp: 2936
Ion Ratio Lower Upper
59 100
57 4.1 8.1 12.1#

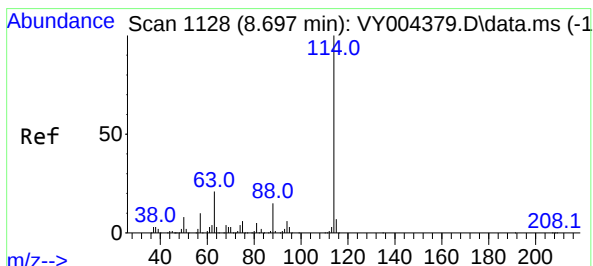
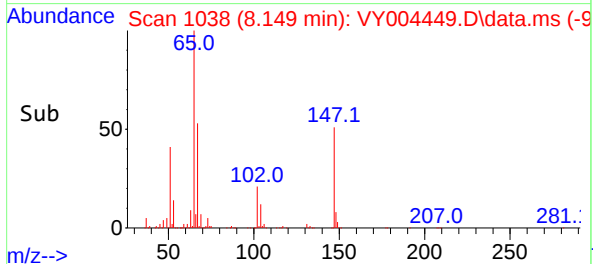
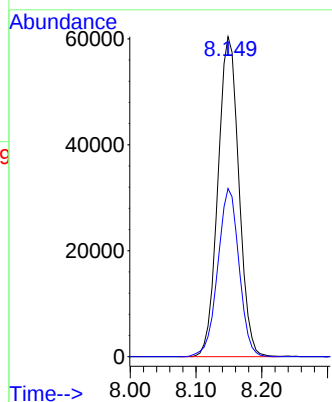
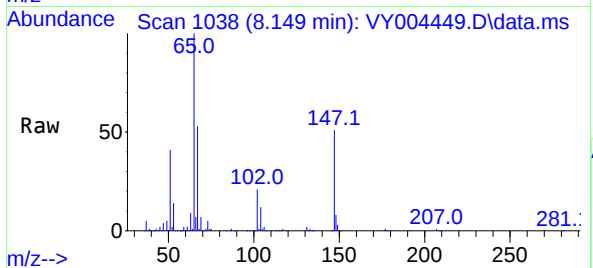




#33
1,2-Dichloroethane-d4
Concen: 58.34 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004449.D
Acq: 15 Apr 2021 18:27

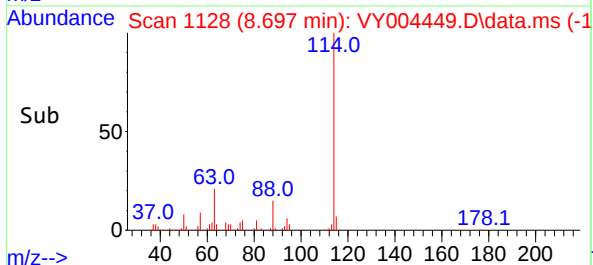
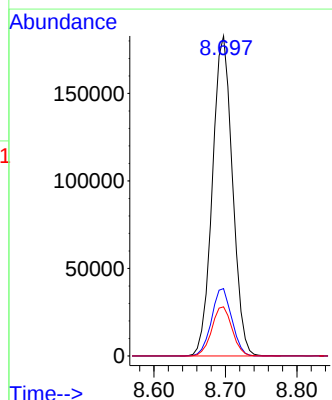
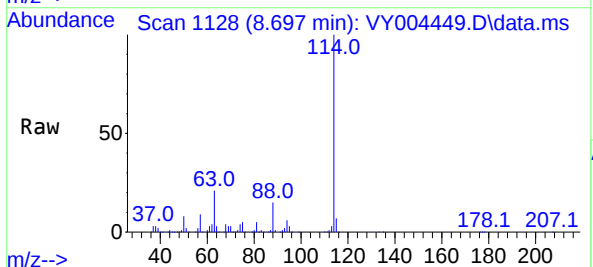
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-14.5-15.0

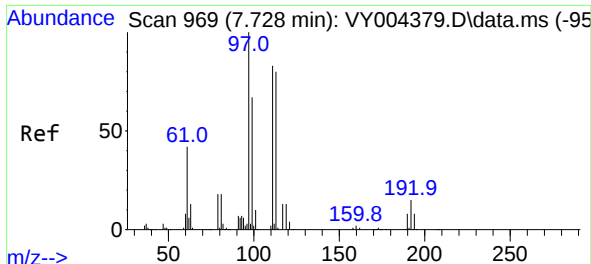
Tgt Ion: 65 Resp: 133770
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004449.D
Acq: 15 Apr 2021 18:27

Tgt Ion: 114 Resp: 355750
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.4
88 15.4 0.0 30.8

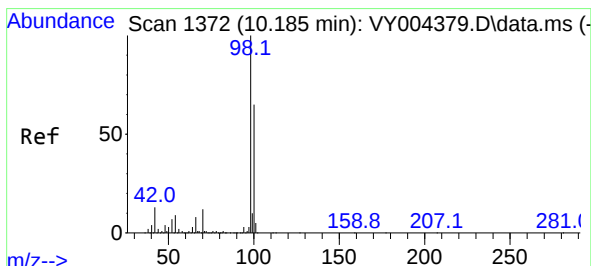
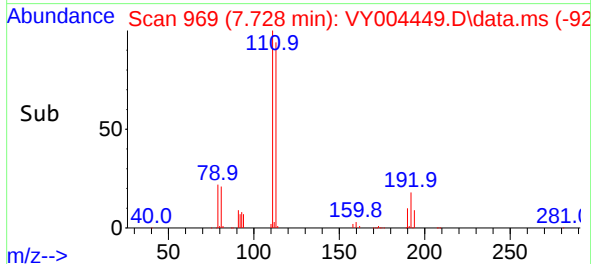
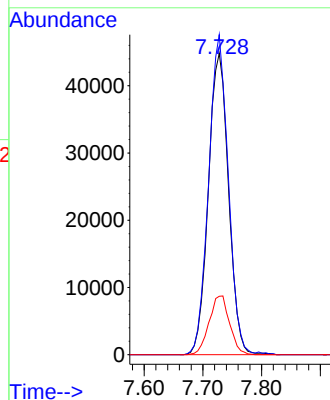
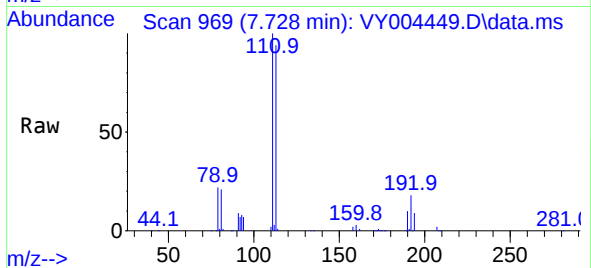




#35
Dibromofluoromethane
Concen: 54.20 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004449.D
Acq: 15 Apr 2021 18:27

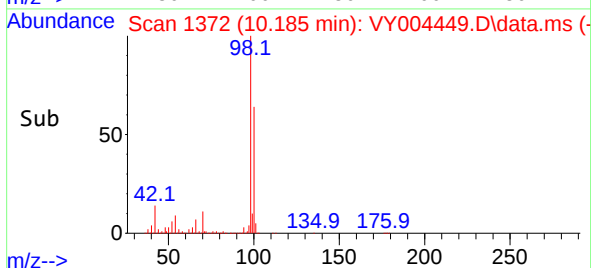
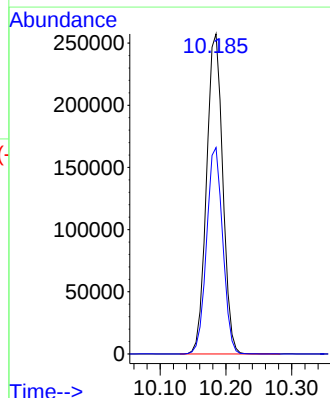
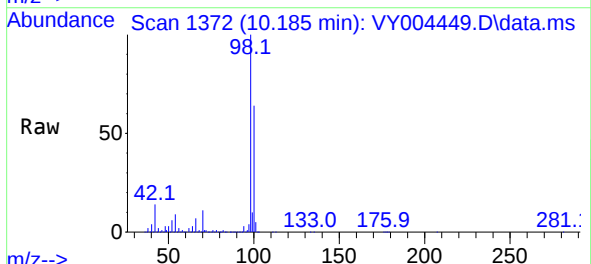
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-14.5-15.0

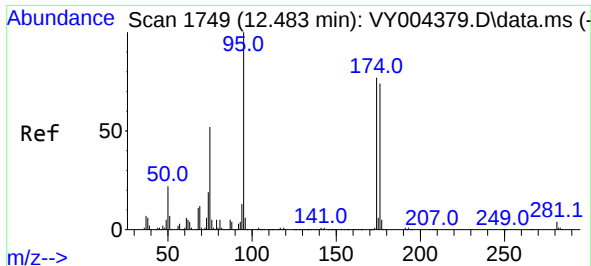
Tgt Ion:113 Resp: 107010
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 19.7 16.1 24.1



#50
Toluene-d8
Concen: 52.48 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004449.D
Acq: 15 Apr 2021 18:27

Tgt Ion: 98 Resp: 440687
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6

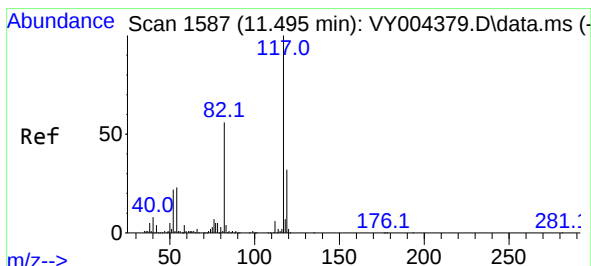
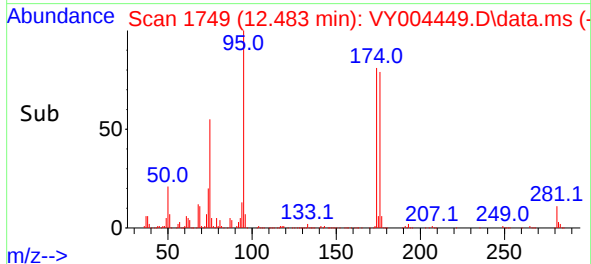
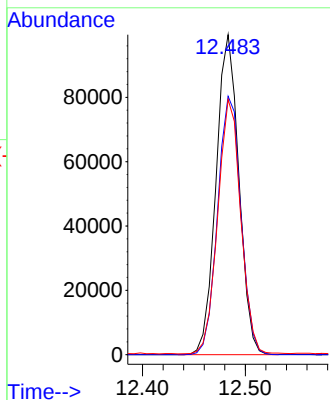
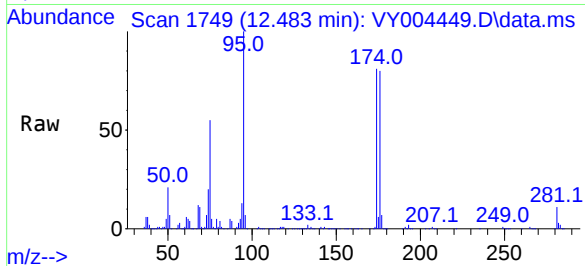




#62
4-Bromofluorobenzene
Concen: 53.70 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004449.D
Acq: 15 Apr 2021 18:27

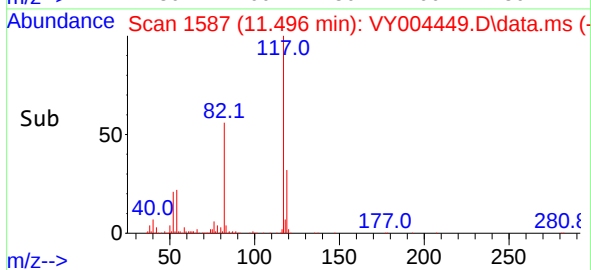
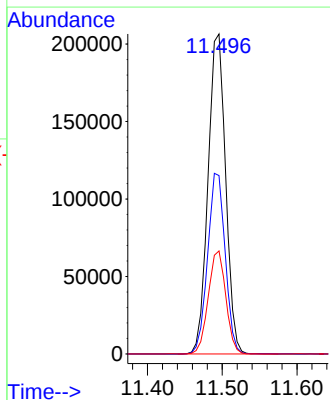
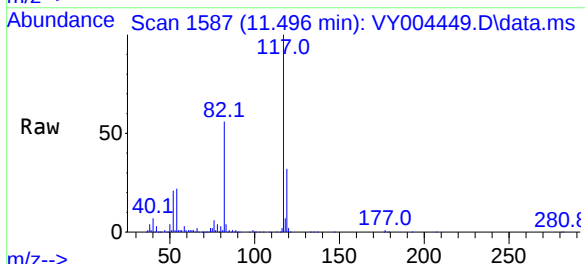
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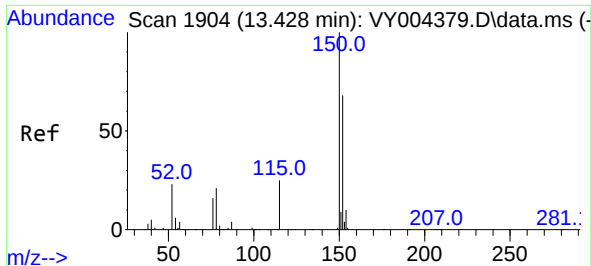
Tgt Ion: 95 Resp: 153021
Ion Ratio Lower Upper
95 100
174 82.5 0.0 162.4
176 80.1 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004449.D
Acq: 15 Apr 2021 18:27

Tgt Ion: 117 Resp: 337593
Ion Ratio Lower Upper
117 100
82 55.8 44.9 67.3
119 32.2 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: VY004449.D
 Acq: 15 Apr 2021 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-14.5-15.0

Tgt Ion:152 Resp: 153284

Ion	Ratio	Lower	Upper
152	100		
115	59.5	29.6	88.8
150	155.8	0.0	348.4

