

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041621\
 Data File : VY004483.D
 Acq On : 16 Apr 2021 20:24
 Operator : SY/MD
 Sample : M2047-05
 Misc : 7.12G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 130-SB3-(1.5-2)

Quant Time: Apr 17 00:58:31 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)

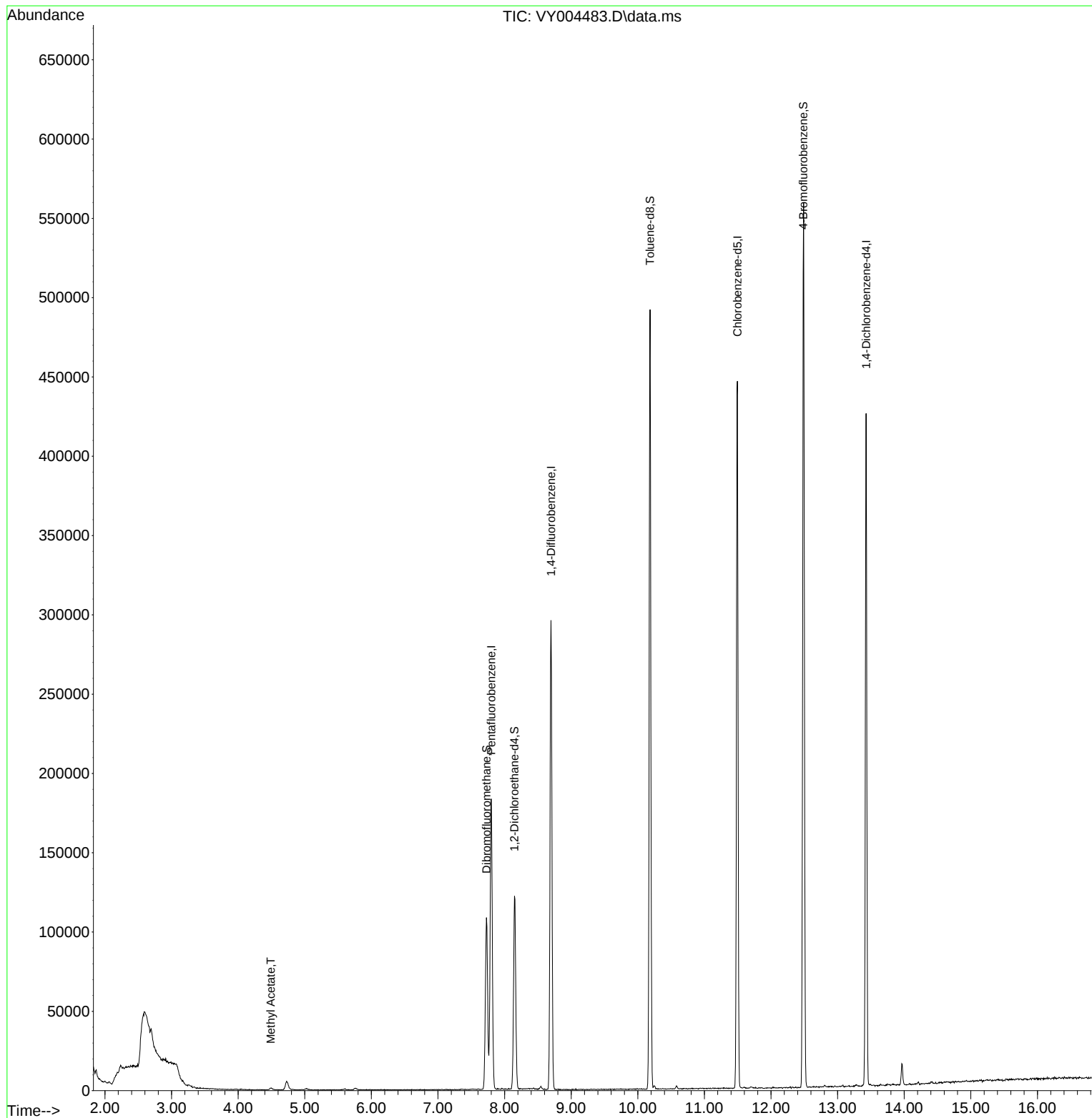
Internal Standards						
1) Pentafluorobenzene	7.801	168	141013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	246532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	232972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101211	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	94322	60.20	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.40%	
35) Dibromofluoromethane	7.728	113	75885	55.47	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.94%	
50) Toluene-d8	10.185	98	305461	52.49	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.98%	
62) 4-Bromofluorobenzene	12.483	95	103498	52.41	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.82%	
Target Compounds						Qvalue
18) Methyl Acetate	4.491	43	2160	1.98	ug/l	99

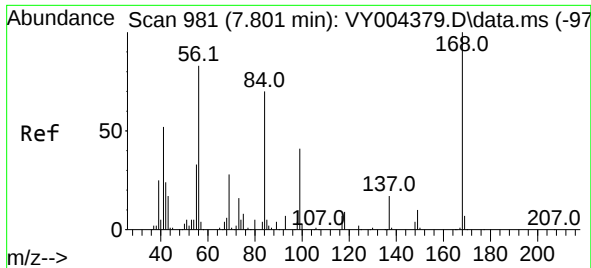
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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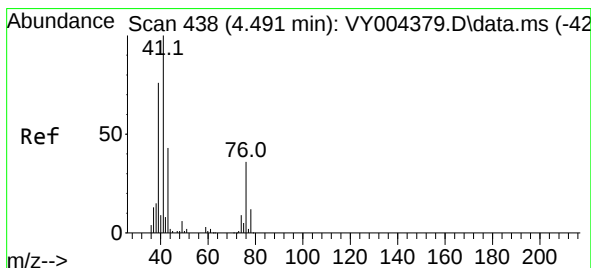
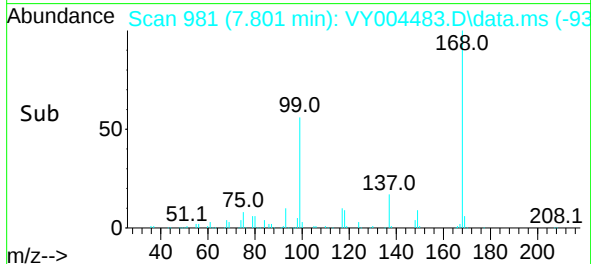
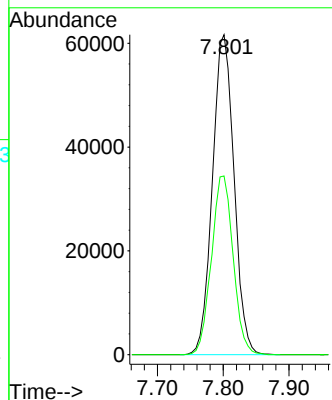
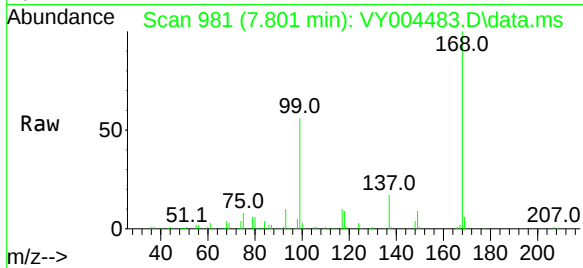




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004483.D
Acq: 16 Apr 2021 20:24

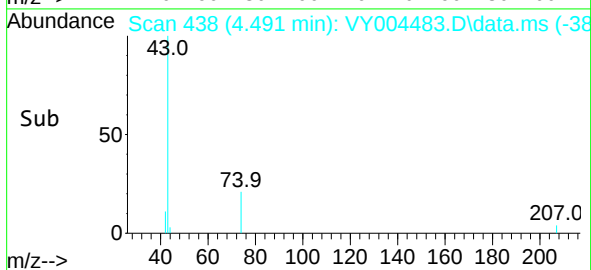
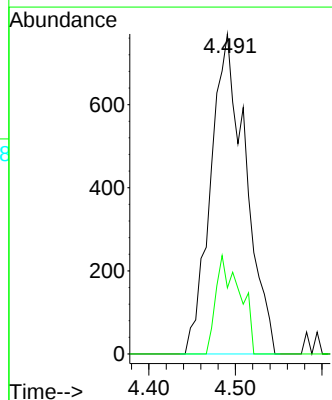
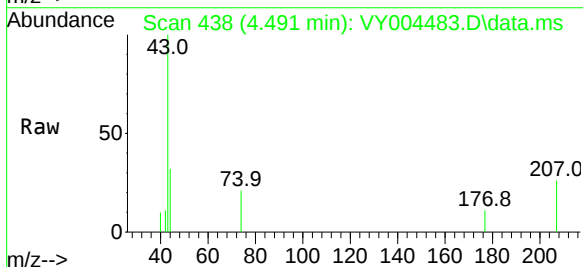
Instrument :
MSVOA_Y
ClientSampleId :
130-SB3-(1.5-2)

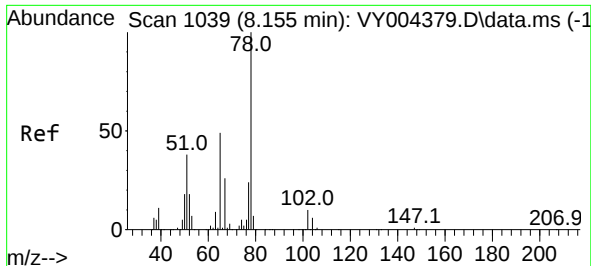
Tgt Ion:168 Resp: 141013
Ion Ratio Lower Upper
168 100
99 55.9 45.5 68.3



#18
Methyl Acetate
Concen: 1.98 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY004483.D
Acq: 16 Apr 2021 20:24

Tgt Ion: 43 Resp: 2160
Ion Ratio Lower Upper
43 100
74 21.1 17.2 25.8

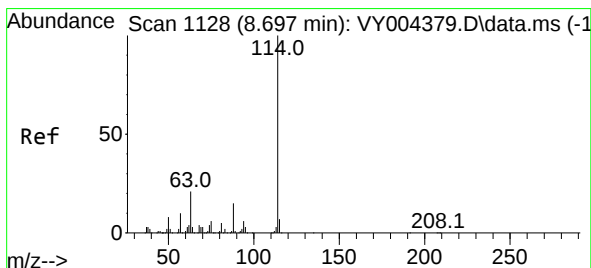
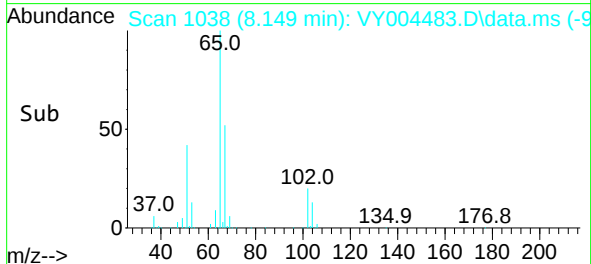
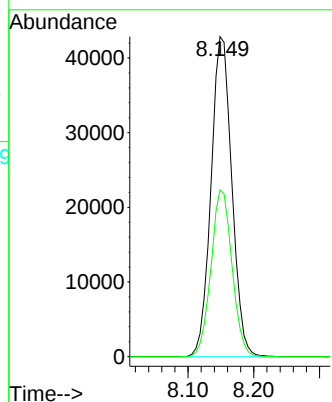
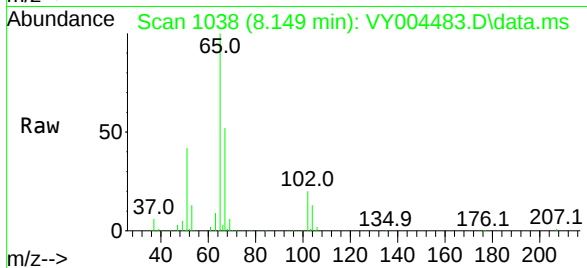




#33
1,2-Dichloroethane-d4
Concen: 60.20 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004483.D
Acq: 16 Apr 2021 20:24

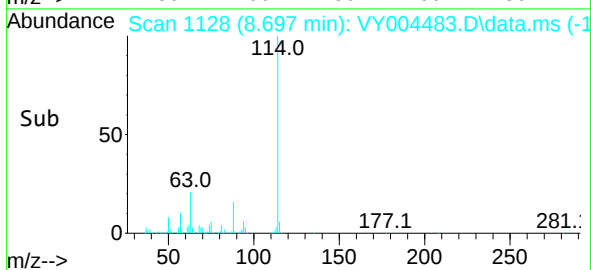
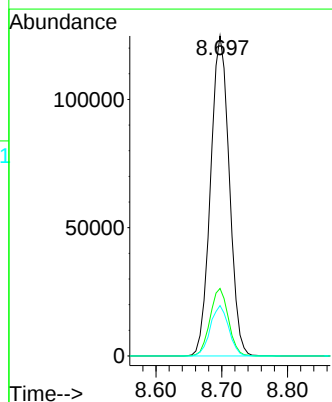
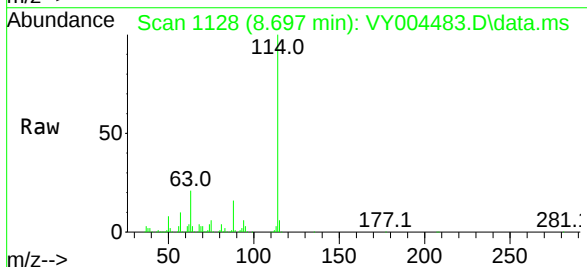
Instrument :
MSVOA_Y
ClientSampleId :
130-SB3-(1.5-2)

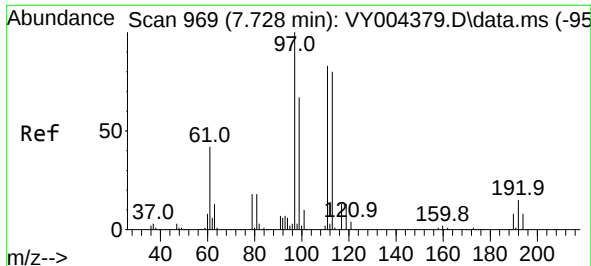
Tgt Ion: 65 Resp: 94322
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004483.D
Acq: 16 Apr 2021 20:24

Tgt Ion:114 Resp: 246532
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.4
88 15.7 0.0 30.8

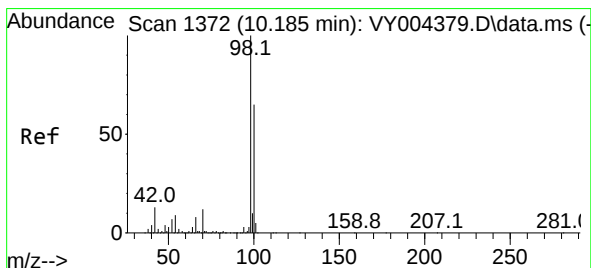
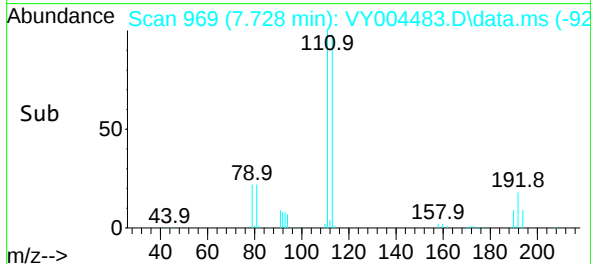
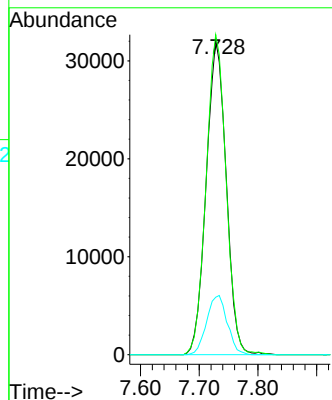
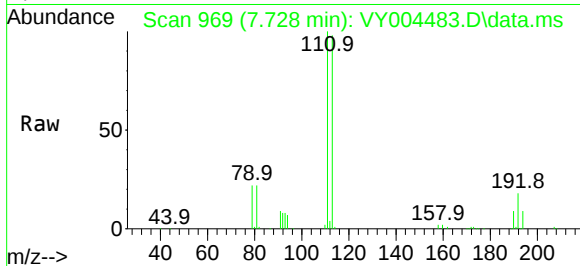




#35
Dibromofluoromethane
Concen: 55.47 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004483.D
Acq: 16 Apr 2021 20:24

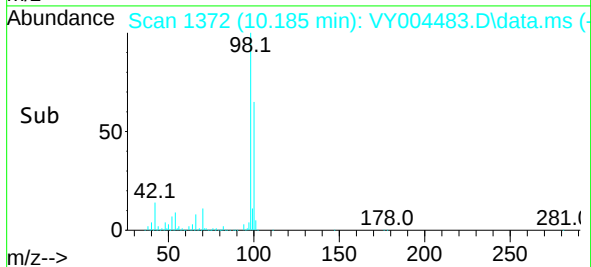
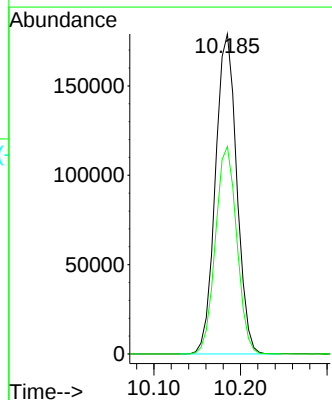
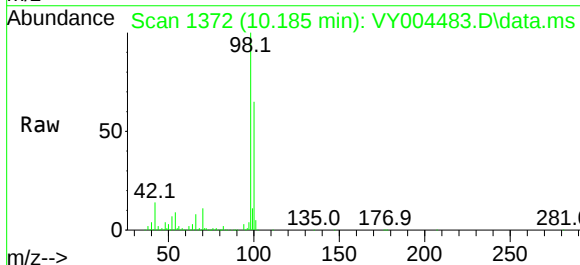
Instrument :
MSVOA_Y
ClientSampleId :
130-SB3-(1.5-2)

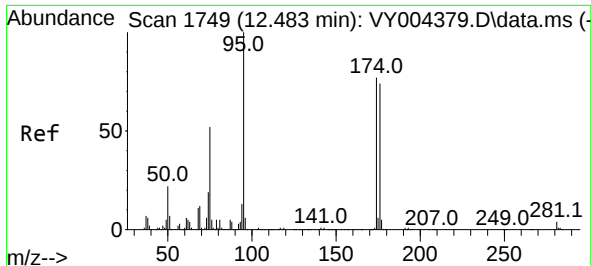
Tgt Ion:113 Resp: 75885
Ion Ratio Lower Upper
113 100
111 101.6 82.6 123.8
192 19.4 16.1 24.1



#50
Toluene-d8
Concen: 52.49 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004483.D
Acq: 16 Apr 2021 20:24

Tgt Ion: 98 Resp: 305461
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

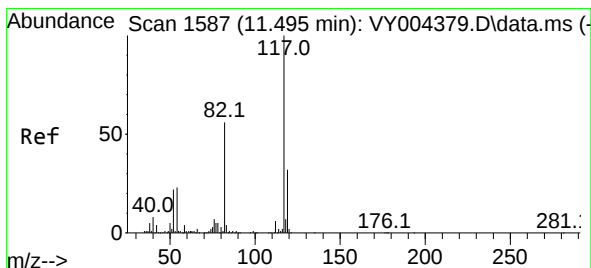
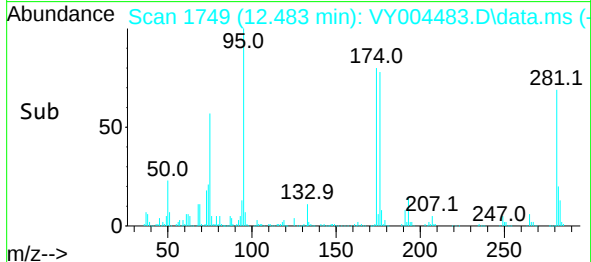
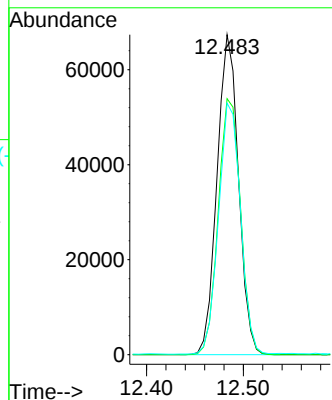
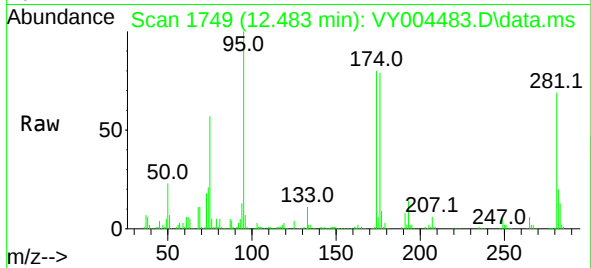




#62
4-Bromofluorobenzene
Concen: 52.41 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004483.D
Acq: 16 Apr 2021 20:24

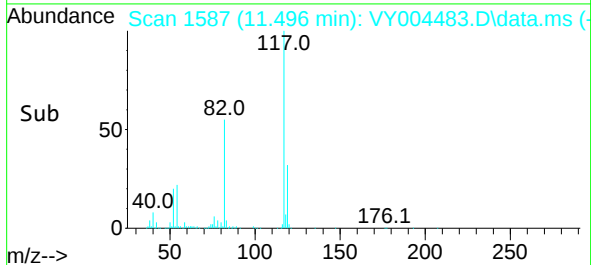
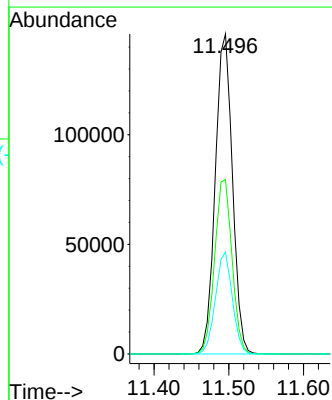
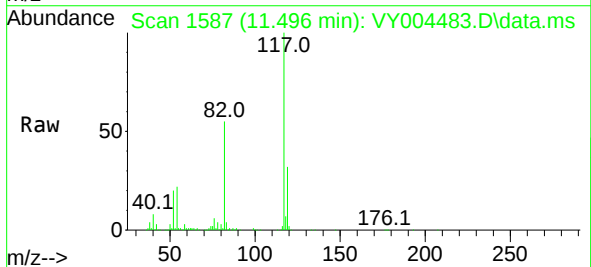
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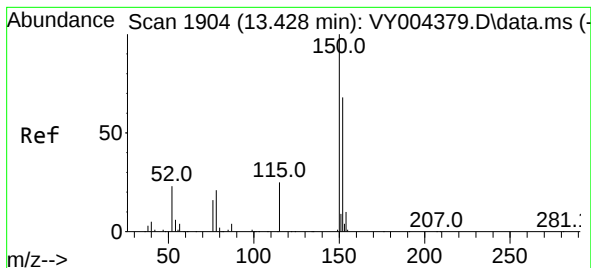
Tgt Ion: 95 Resp: 103498
Ion Ratio Lower Upper
95 100
174 83.0 0.0 162.4
176 80.6 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004483.D
Acq: 16 Apr 2021 20:24

Tgt Ion: 117 Resp: 232972
Ion Ratio Lower Upper
117 100
82 54.5 44.9 67.3
119 31.8 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: VY004483.D

Acq: 16 Apr 2021 20:24

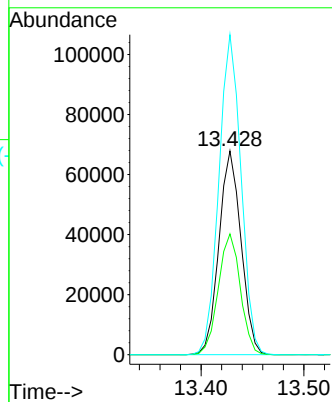
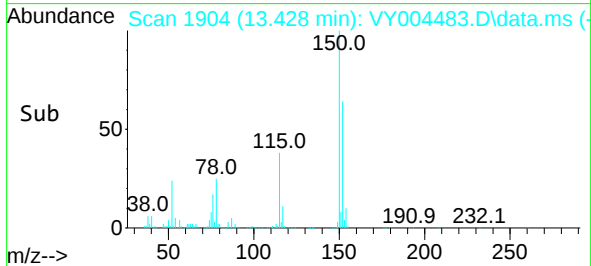
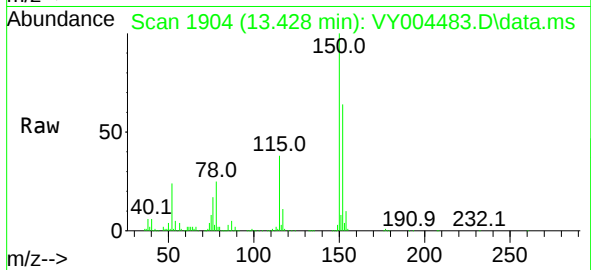
Tgt Ion:152 Resp: 101211

Ion Ratio Lower Upper

152 100

115 59.1 29.6 88.8

150 157.5 0.0 348.4



Instrument :
MSVOA_Y
ClientSampleId :
130-SB3-(1.5-2)