

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041621\
 Data File : VY004463.D
 Acq On : 16 Apr 2021 12:39
 Operator : SY/MD
 Sample : M2051-03
 Misc : 5.17G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0124035

Quant Time: Apr 17 00:53:10 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)

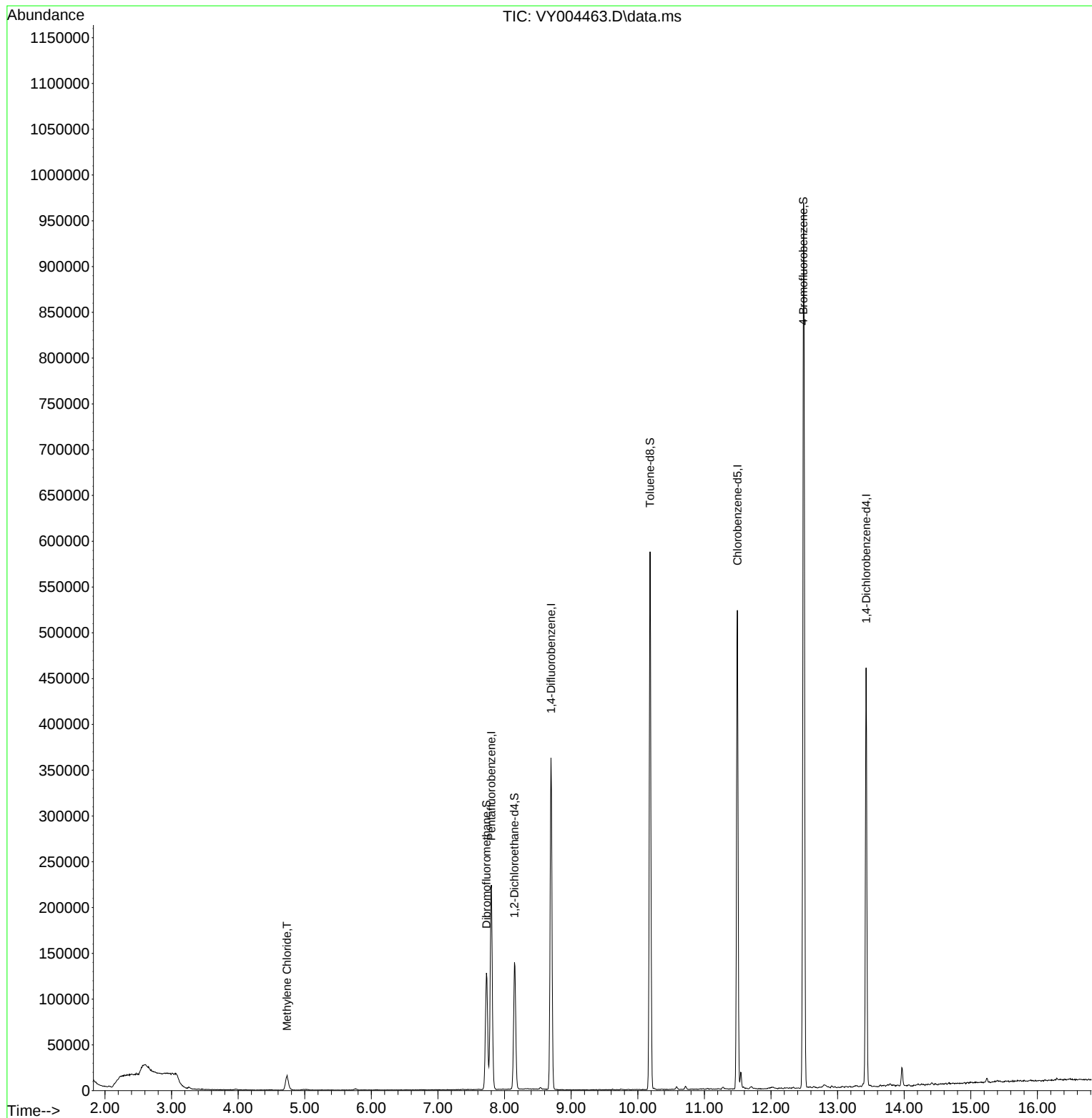
Internal Standards						
1) Pentafluorobenzene	7.801	168	168377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	293424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	267672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109515	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	107005	57.20	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.40%
35) Dibromofluoromethane	7.728	113	89041	54.68	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.36%
50) Toluene-d8	10.185	98	358313	51.73	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.46%
62) 4-Bromofluorobenzene	12.483	95	118165	50.27	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.54%
Target Compounds						
20) Methylene Chloride	4.735	84	11052	6.12	ug/l	Qvalue 87

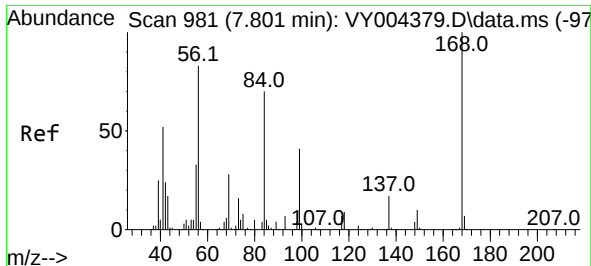
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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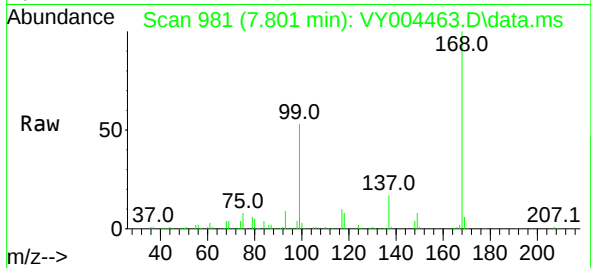
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



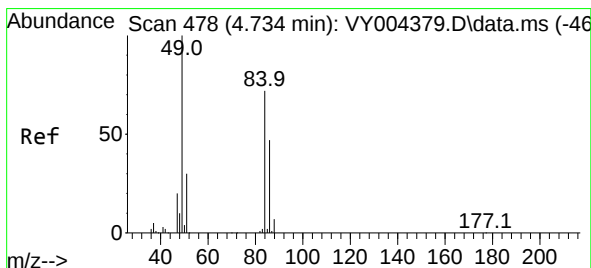
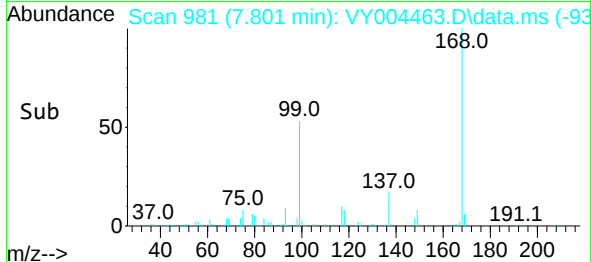
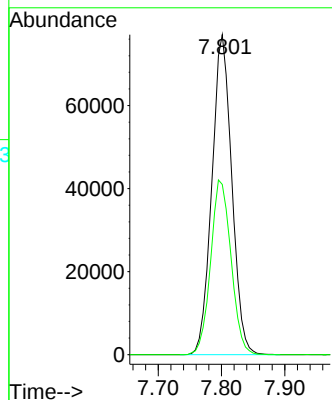


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004463.D
Acq: 16 Apr 2021 12:39

Instrument :
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ClientSampleId :
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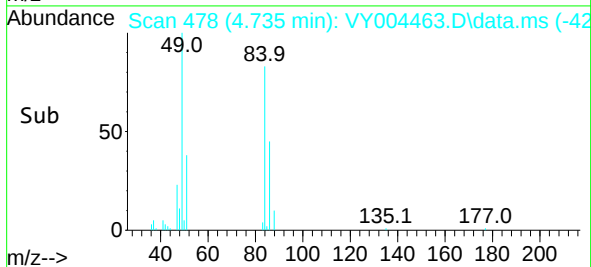
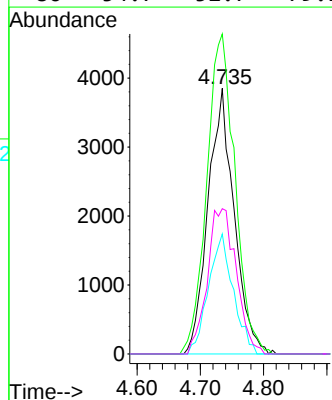
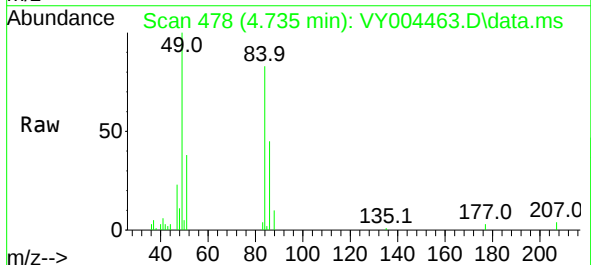


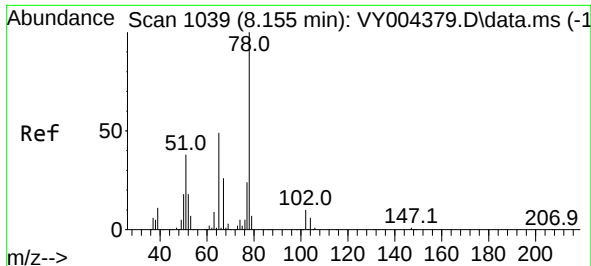
Tgt Ion:168 Resp: 168377
Ion Ratio Lower Upper
168 100
99 53.2 45.5 68.3



#20
Methylene Chloride
Concen: 6.12 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004463.D
Acq: 16 Apr 2021 12:39

Tgt Ion: 84 Resp: 11052
Ion Ratio Lower Upper
84 100
49 120.5 111.2 166.8
51 45.2 33.4 50.2
86 54.7 52.7 79.1

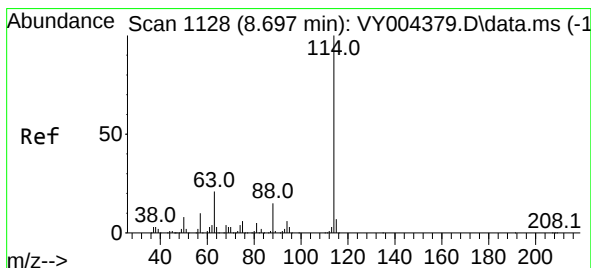
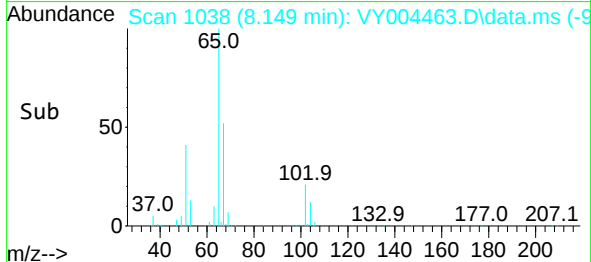
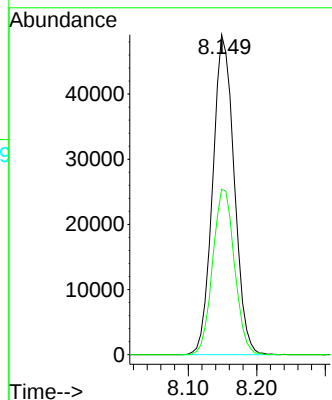
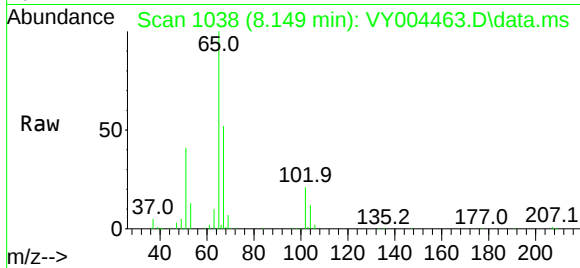




#33
1,2-Dichloroethane-d4
Concen: 57.20 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004463.D
Acq: 16 Apr 2021 12:39

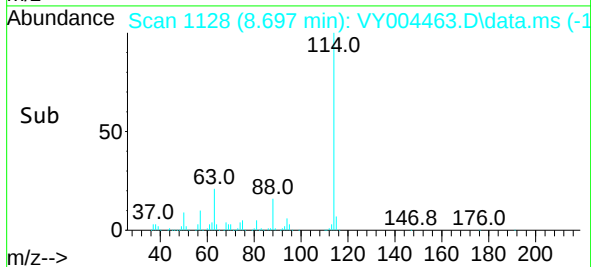
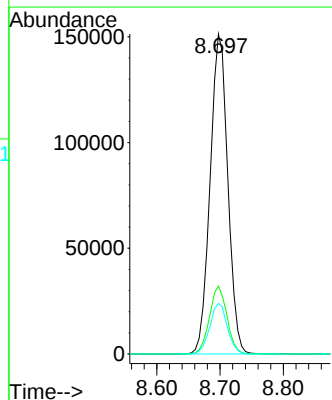
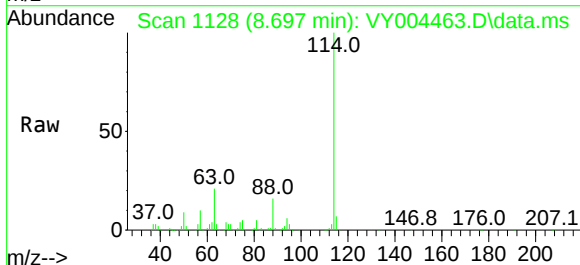
Instrument :
MSVOA_Y
ClientSampleId :
0124035

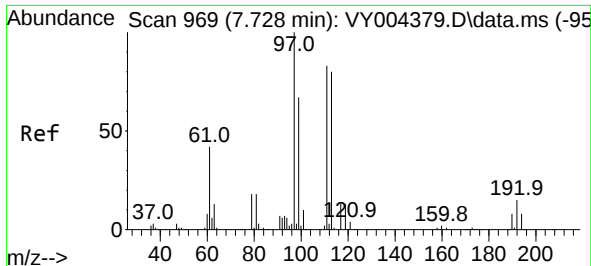
Tgt Ion: 65 Resp: 107005
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004463.D
Acq: 16 Apr 2021 12:39

Tgt Ion: 114 Resp: 293424
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.4
88 15.8 0.0 30.8

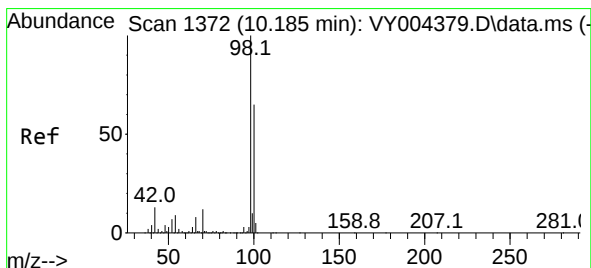
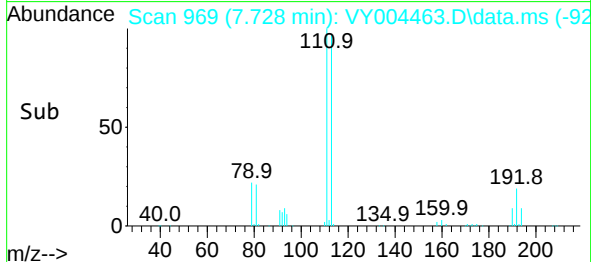
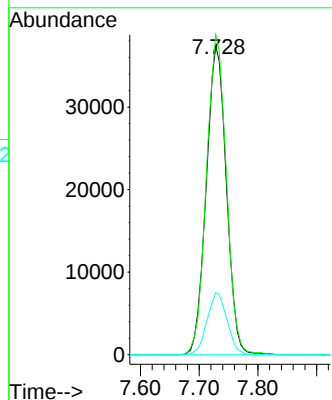
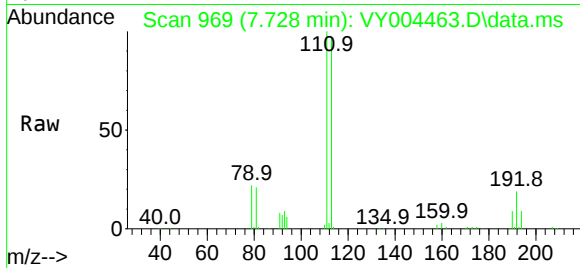




#35
Dibromofluoromethane
Concen: 54.68 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004463.D
Acq: 16 Apr 2021 12:39

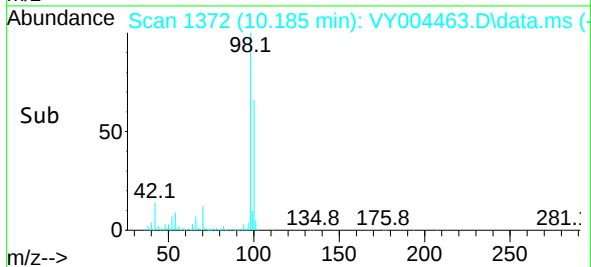
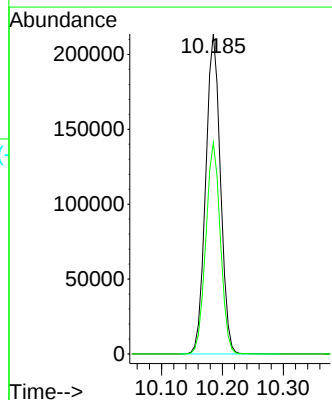
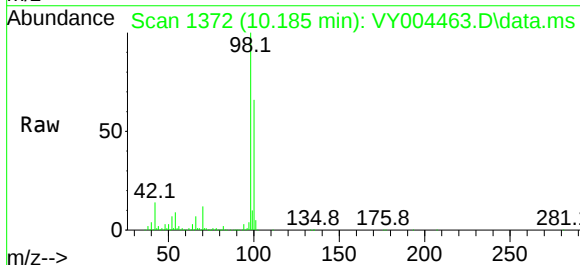
Instrument :
MSVOA_Y
ClientSampleId :
0124035

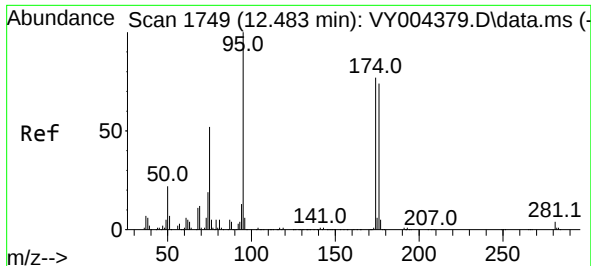
Tgt Ion:113 Resp: 89041
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 19.9 16.1 24.1



#50
Toluene-d8
Concen: 51.73 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004463.D
Acq: 16 Apr 2021 12:39

Tgt Ion: 98 Resp: 358313
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6

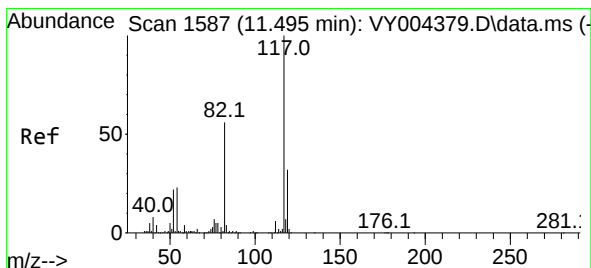
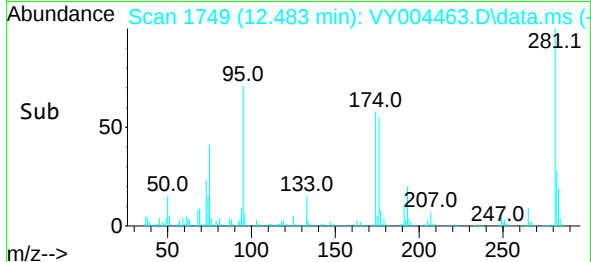
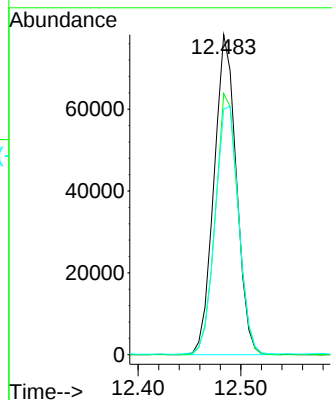
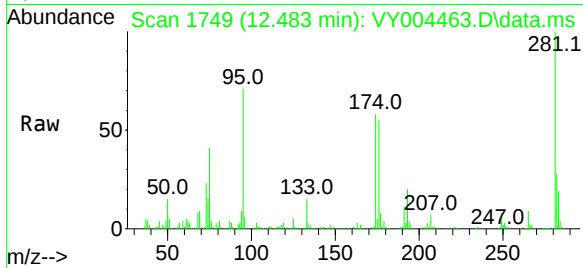




#62
4-Bromofluorobenzene
Concen: 50.27 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004463.D
Acq: 16 Apr 2021 12:39

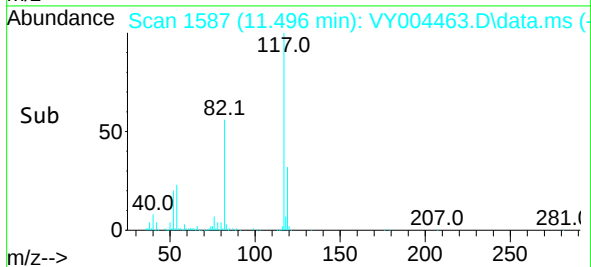
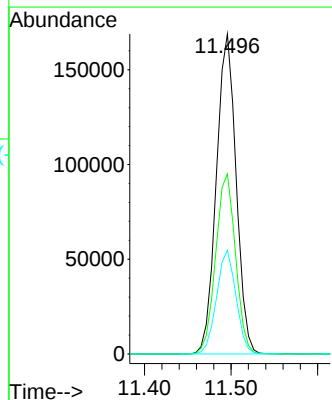
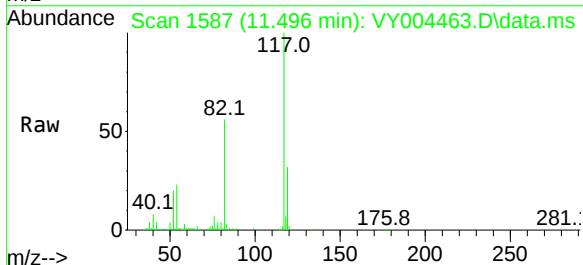
Instrument :
MSVOA_Y
ClientSampleId :
0124035

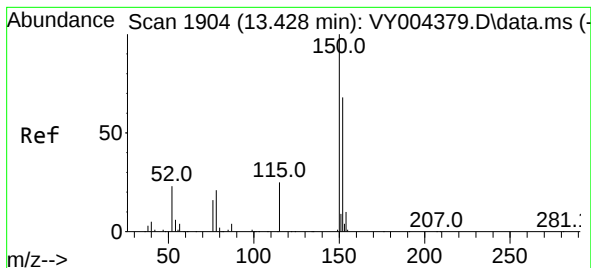
Tgt Ion: 95 Resp: 118165
Ion Ratio Lower Upper
95 100
174 82.7 0.0 162.4
176 81.8 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004463.D
Acq: 16 Apr 2021 12:39

Tgt Ion: 117 Resp: 267672
Ion Ratio Lower Upper
117 100
82 56.3 44.9 67.3
119 32.4 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: VY004463.D

Acq: 16 Apr 2021 12:39

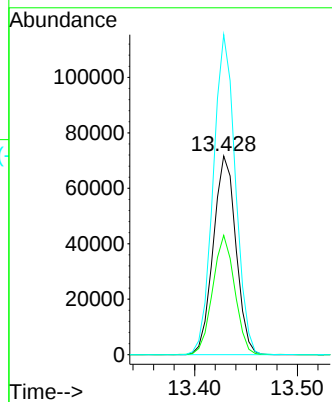
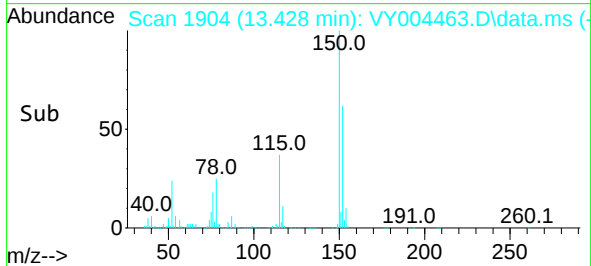
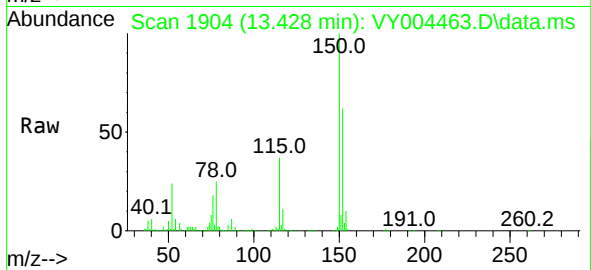
Tgt Ion:152 Resp: 109515

Ion Ratio Lower Upper

152 100

115 58.6 29.6 88.8

150 158.1 0.0 348.4



Instrument :
MSVOA_Y
ClientSampleId :
0124035