

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043021\
 Data File : VY004685.D
 Acq On : 30 Apr 2021 14:18
 Operator : SY/MD
 Sample : M2224-01
 Misc : 6.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-042921

Quant Time: May 01 00:39:54 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)

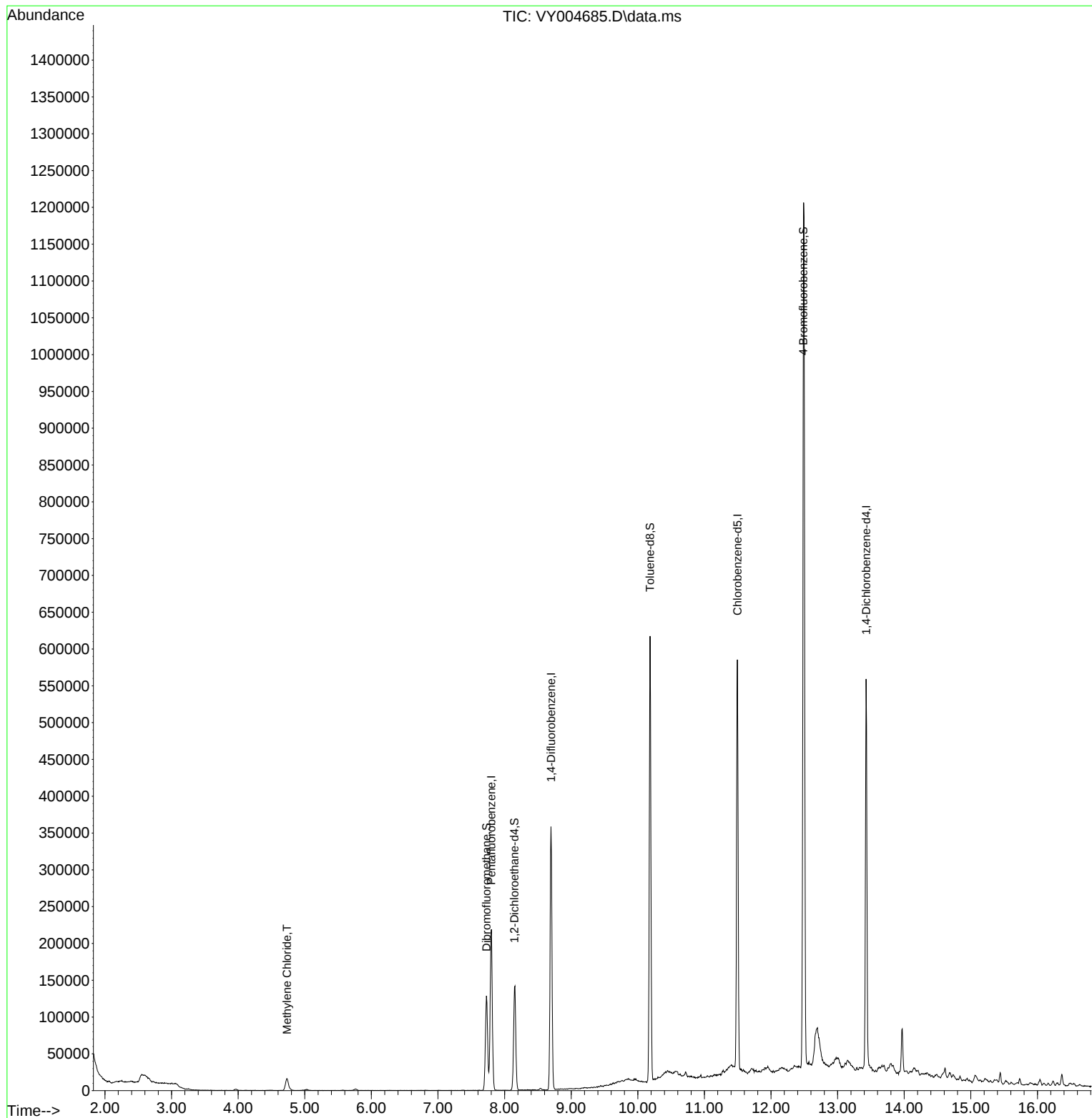
Internal Standards						
1) Pentafluorobenzene	7.801	168	160141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	285827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	282035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127198	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	112391	63.17	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.34%			
35) Dibromofluoromethane	7.728	113	86244	54.37	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.74%			
50) Toluene-d8	10.185	98	365275	54.14	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.28%			
62) 4-Bromofluorobenzene	12.483	95	133245	58.20	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.40%			
Target Compounds						Qvalue
20) Methylene Chloride	4.735	84	11757	6.84	ug/l	90

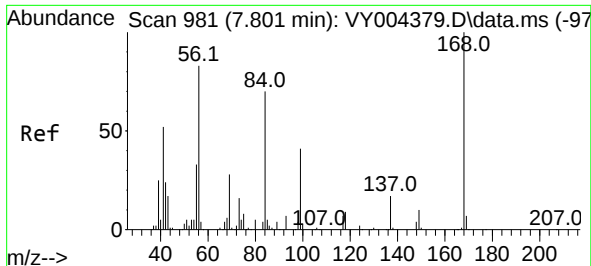
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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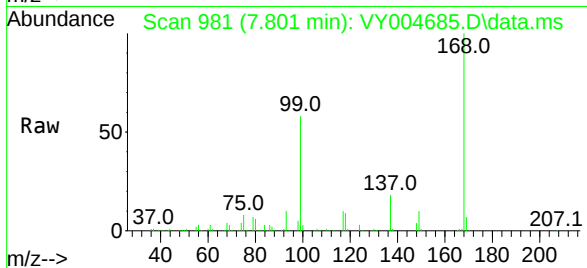
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



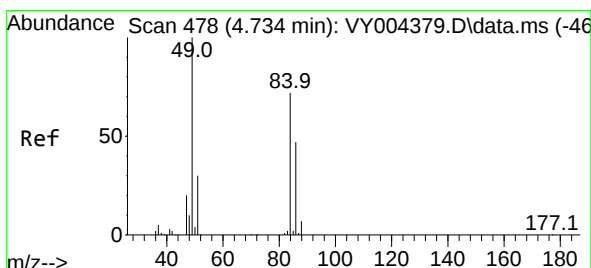
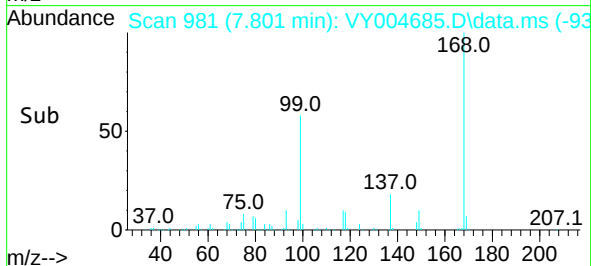
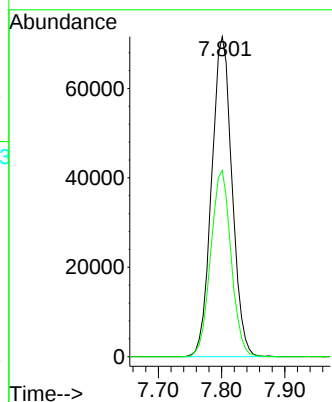


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004685.D
Acq: 30 Apr 2021 14:18

Instrument :
MSVOA_Y
ClientSampled :
CL-01-042921

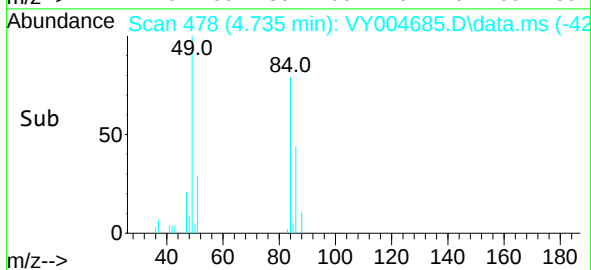
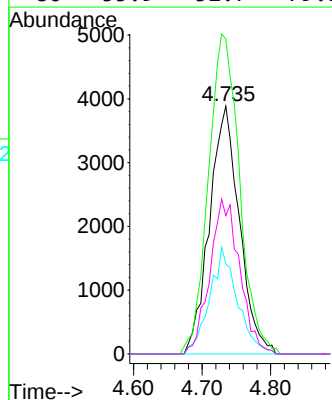
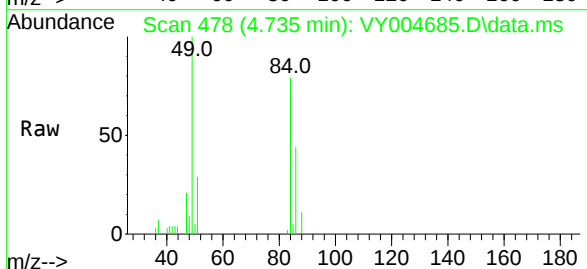


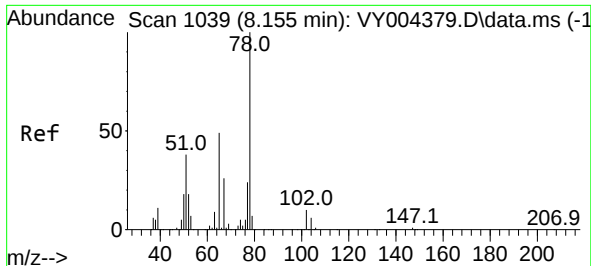
Tgt Ion:168 Resp: 160141
Ion Ratio Lower Upper
168 100
99 58.2 45.5 68.3



#20
Methylene Chloride
Concen: 6.84 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004685.D
Acq: 30 Apr 2021 14:18

Tgt Ion: 84 Resp: 11757
Ion Ratio Lower Upper
84 100
49 127.2 111.2 166.8
51 36.4 33.4 50.2
86 55.9 52.7 79.1

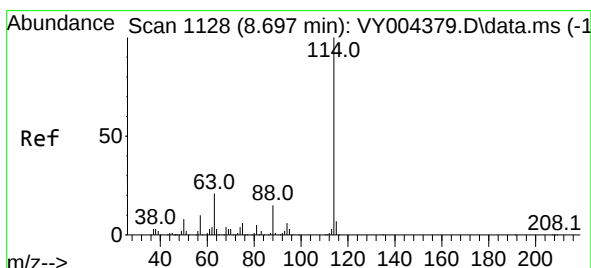
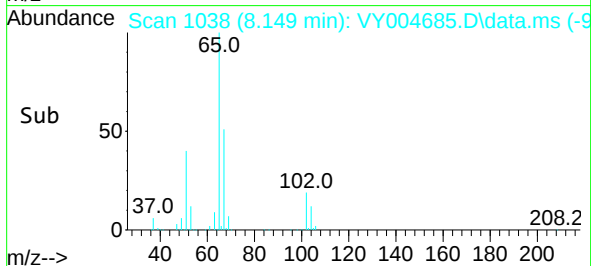
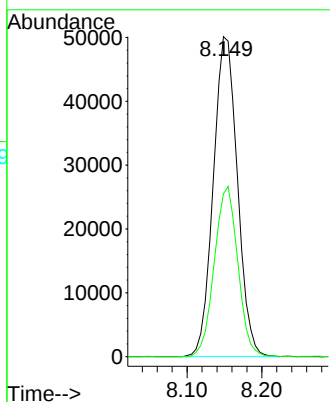
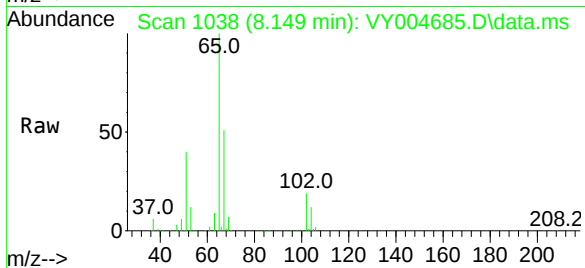




#33
 1,2-Dichloroethane-d4
 Concen: 63.17 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.006 min
 Lab File: VY004685.D
 Acq: 30 Apr 2021 14:18

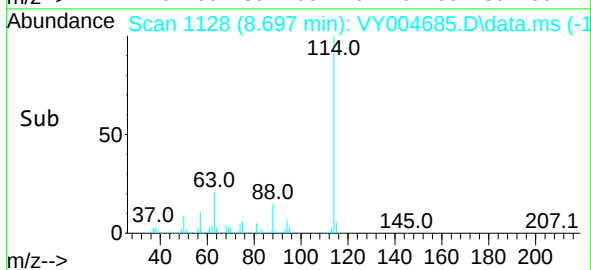
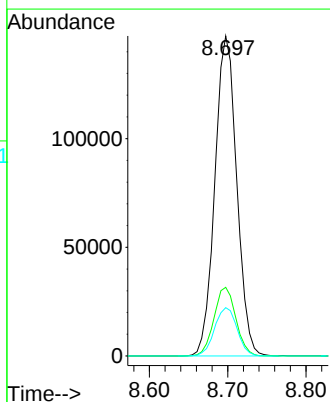
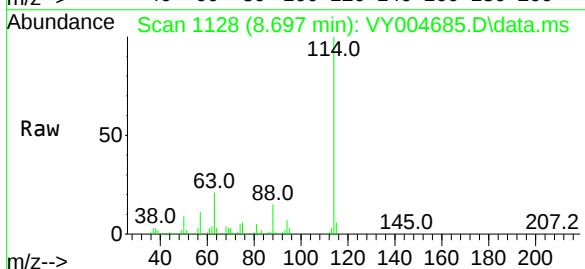
Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-042921

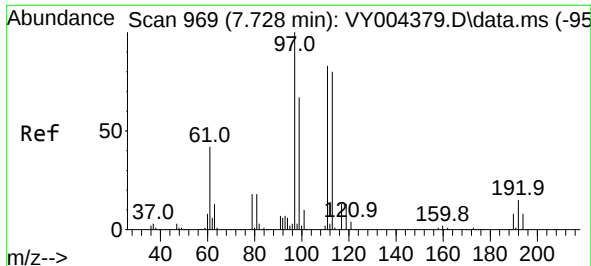
Tgt Ion: 65 Resp: 112391
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004685.D
 Acq: 30 Apr 2021 14:18

Tgt Ion: 114 Resp: 285827
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.4
 88 15.1 0.0 30.8

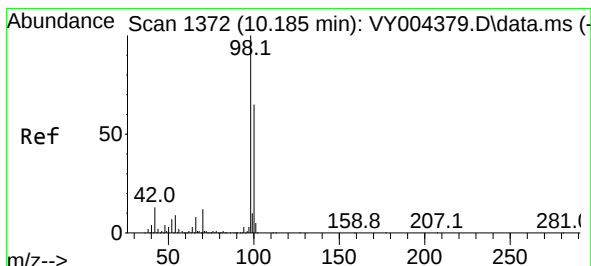
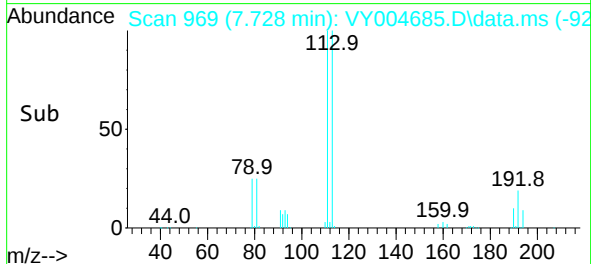
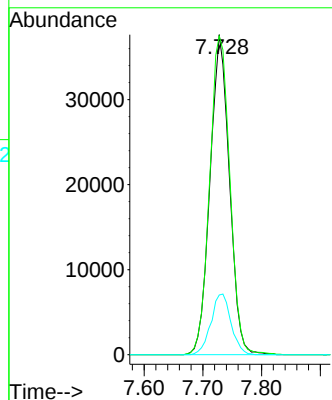
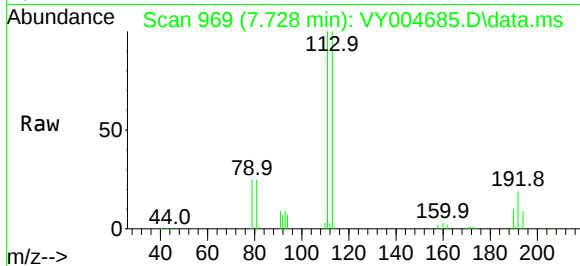




#35
Dibromofluoromethane
Concen: 54.37 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004685.D
Acq: 30 Apr 2021 14:18

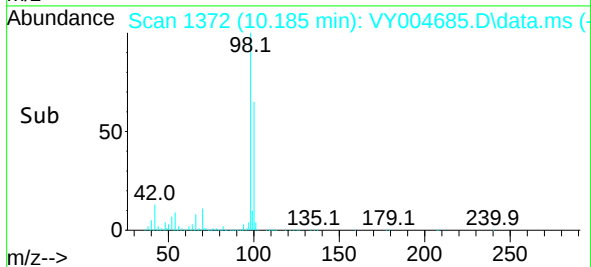
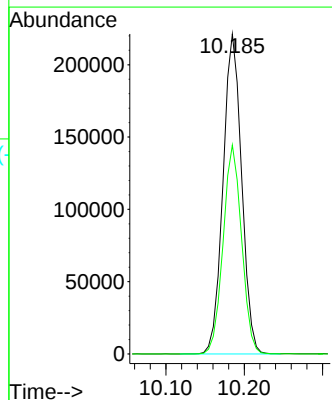
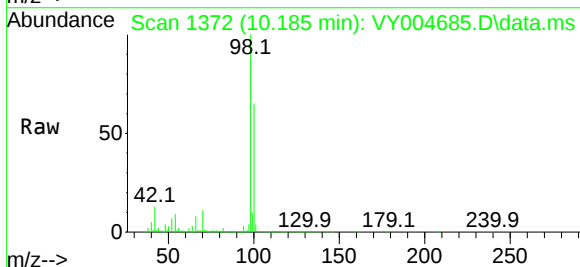
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-042921

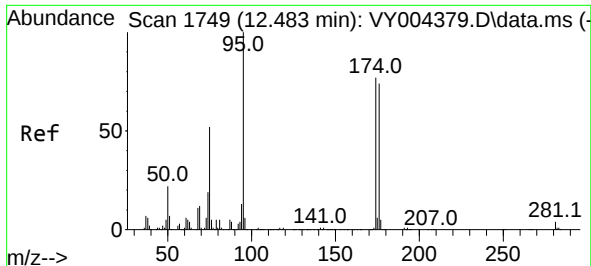
Tgt Ion:113 Resp: 86244
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 19.6 16.1 24.1



#50
Toluene-d8
Concen: 54.14 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004685.D
Acq: 30 Apr 2021 14:18

Tgt Ion: 98 Resp: 365275
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6

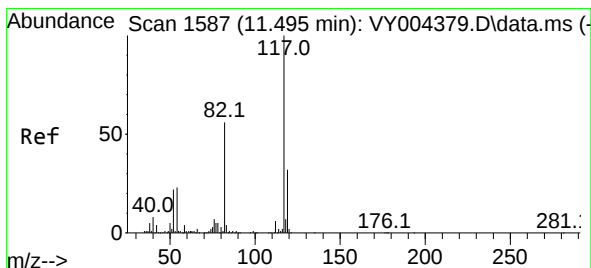
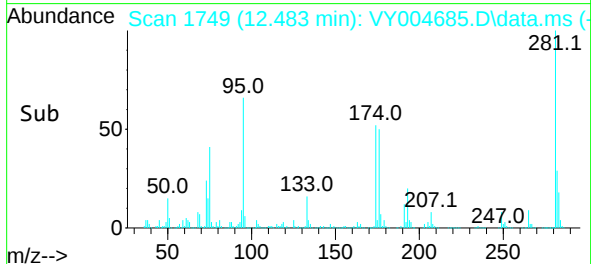
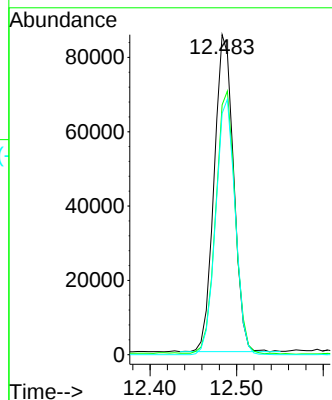
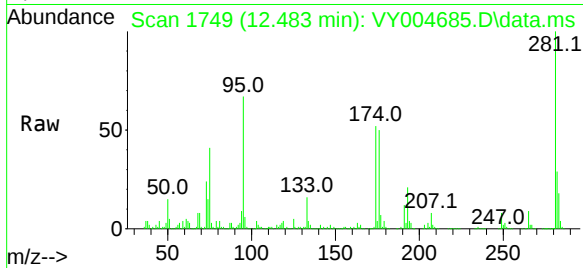




#62
4-Bromofluorobenzene
Concen: 58.20 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004685.D
Acq: 30 Apr 2021 14:18

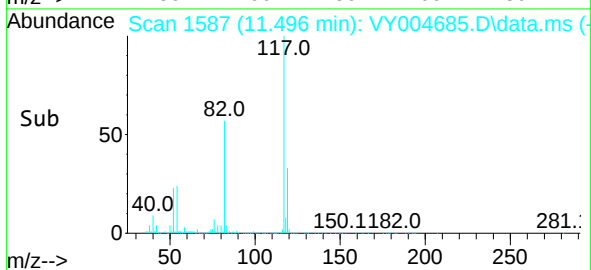
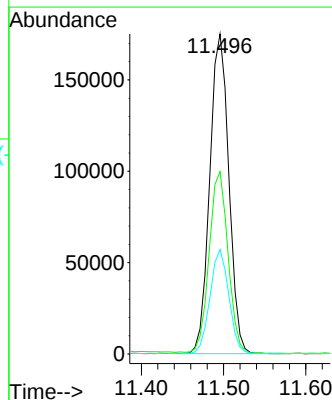
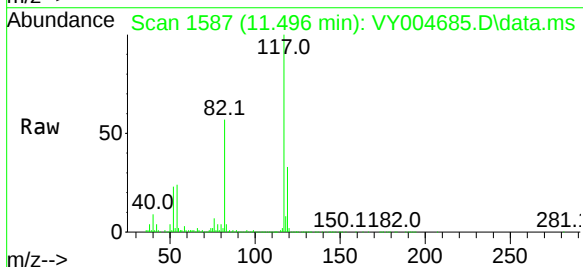
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CL-01-042921

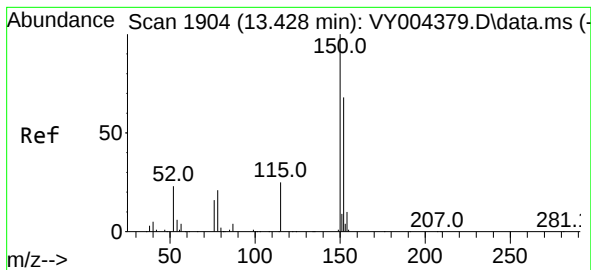
Tgt Ion: 95 Resp: 133245
Ion Ratio Lower Upper
95 100
174 83.4 0.0 162.4
176 80.6 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004685.D
Acq: 30 Apr 2021 14:18

Tgt Ion: 117 Resp: 282035
Ion Ratio Lower Upper
117 100
82 56.9 44.9 67.3
119 32.5 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: VY004685.D
 Acq: 30 Apr 2021 14:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-042921

Tgt Ion:152 Resp: 127198
 Ion Ratio Lower Upper
 152 100
 115 58.1 29.6 88.8
 150 156.2 0.0 348.4

