

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063021\
 Data File : VY005301.D
 Acq On : 30 Jun 2021 16:28
 Operator : SY/MD
 Sample : M2856-19
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10-9.5-10.0

Quant Time: Jul 01 06:39:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

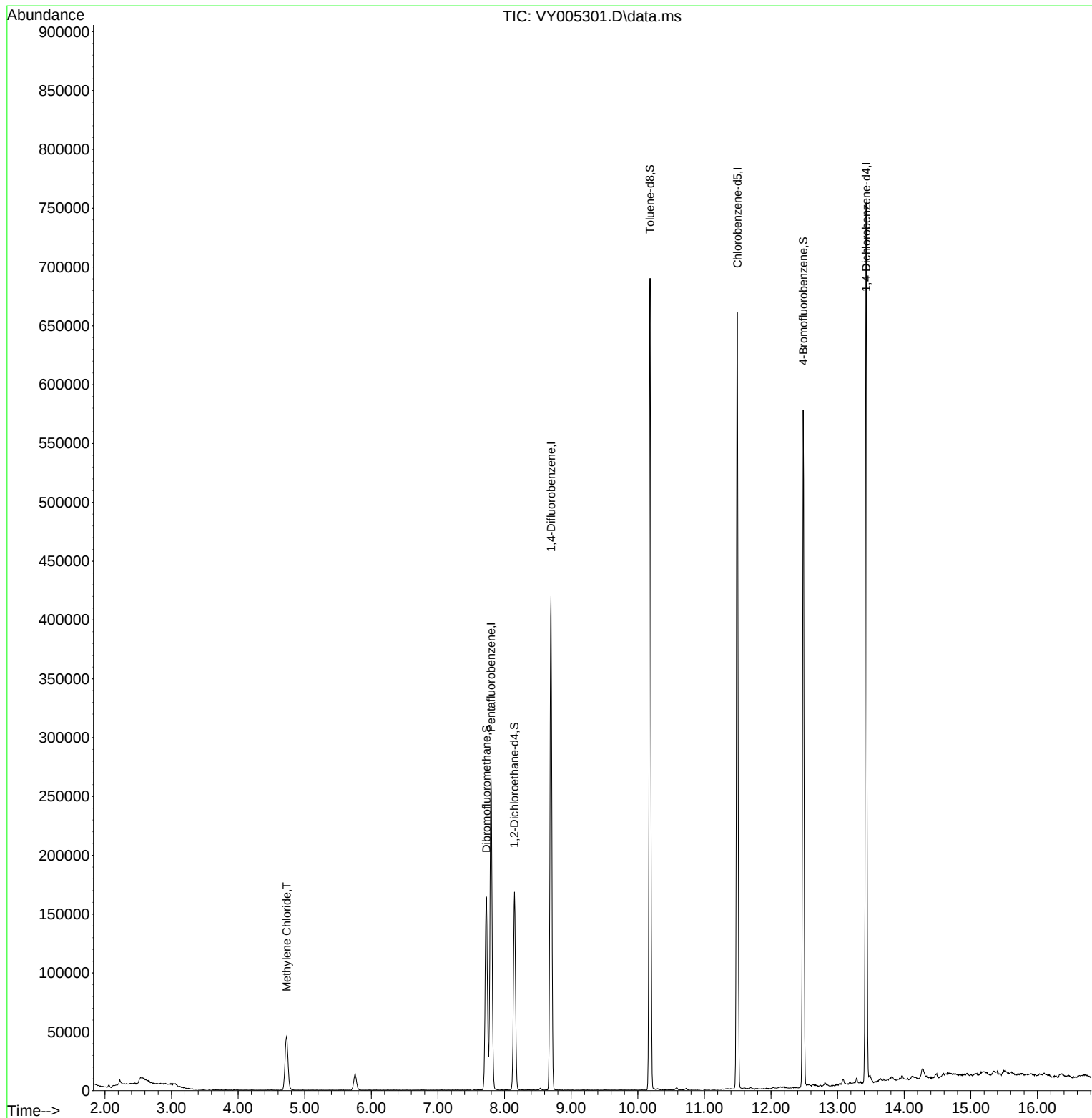
Internal Standards						
1) Pentafluorobenzene	7.795	168	223895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	367038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	377085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	199311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	129032	69.447	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.900%	
35) Dibromofluoromethane	7.728	113	117307	54.193	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.380%	
50) Toluene-d8	10.185	98	456013	52.678	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.360%	
62) 4-Bromofluorobenzene	12.483	95	169581	58.788	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.580%	
Target Compounds						
20) Methylene Chloride	4.729	84	36141	8.651	ug/l	Qvalue 94

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

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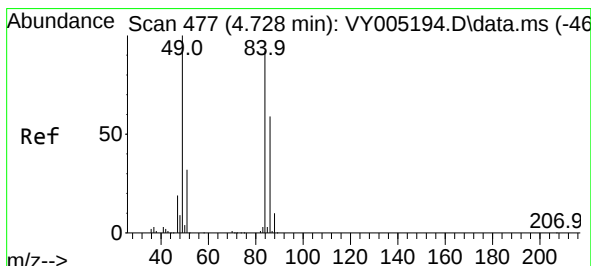
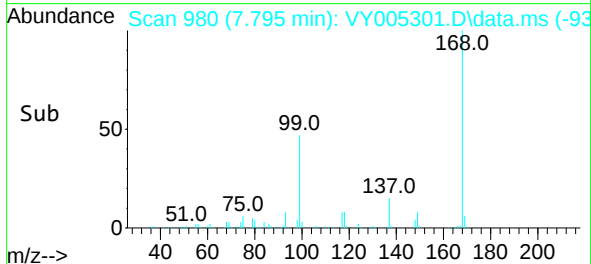
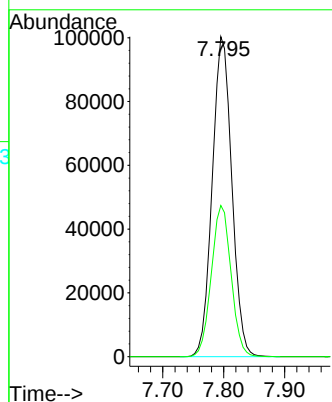
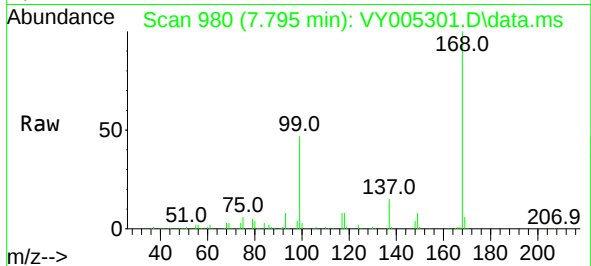




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005301.D
Acq: 30 Jun 2021 16:28

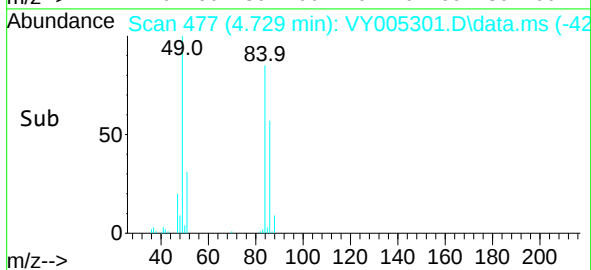
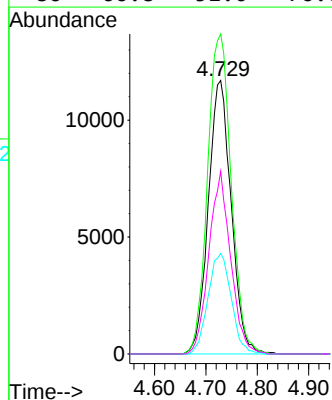
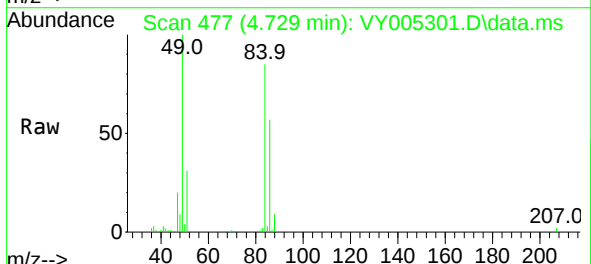
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-9.5-10.0

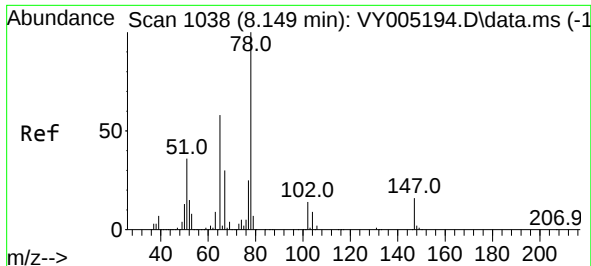
Tgt Ion:168 Resp: 223895
Ion Ratio Lower Upper
168 100
99 47.3 36.2 54.4



#20
Methylene Chloride
Concen: 8.651 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY005301.D
Acq: 30 Jun 2021 16:28

Tgt Ion: 84 Resp: 36141
Ion Ratio Lower Upper
84 100
49 117.0 86.9 130.3
51 36.8 27.4 41.2
86 66.8 51.0 76.6

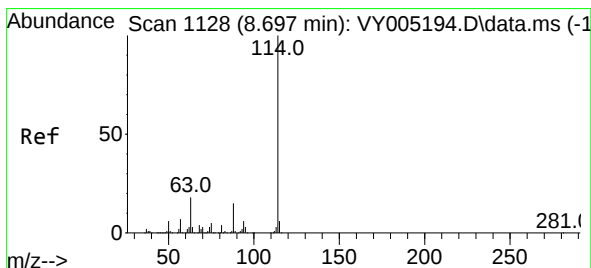
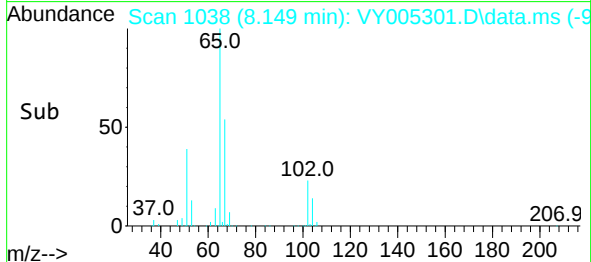
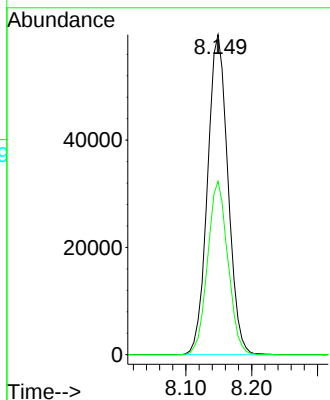
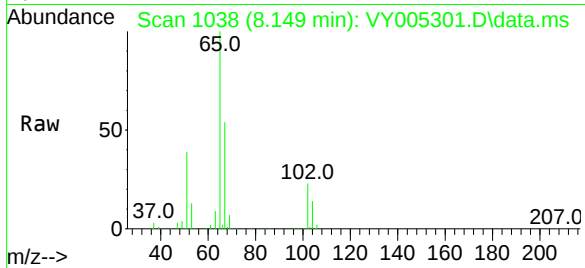




#33
1,2-Dichloroethane-d4
Concen: 69.447 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005301.D
Acq: 30 Jun 2021 16:28

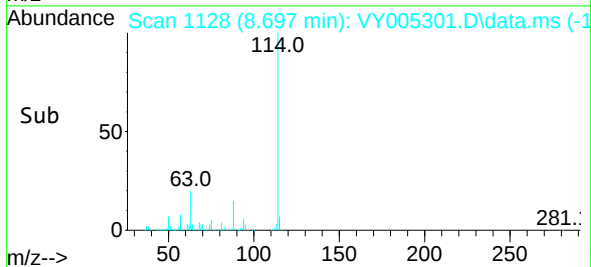
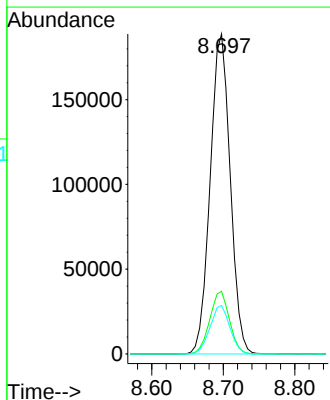
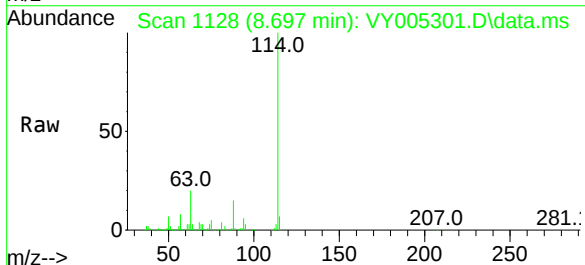
Instrument :
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ClientSampleId :
SB-10-9.5-10.0

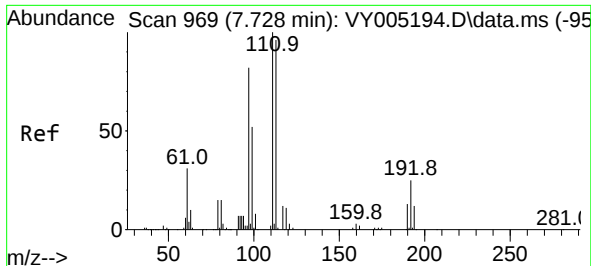
Tgt Ion: 65 Resp: 129032
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005301.D
Acq: 30 Jun 2021 16:28

Tgt Ion: 114 Resp: 367038
Ion Ratio Lower Upper
114 100
63 19.6 0.0 35.2
88 15.2 0.0 29.4

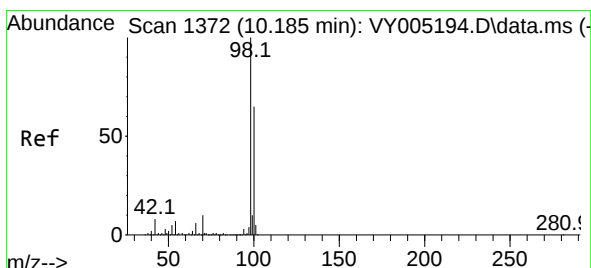
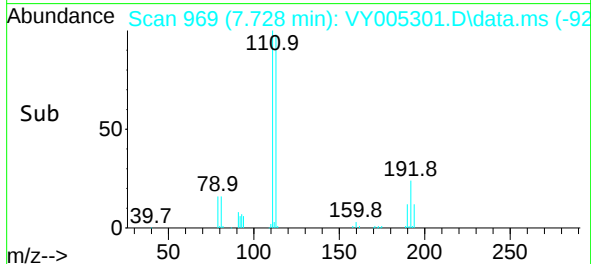
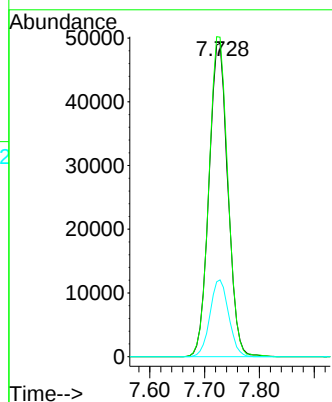
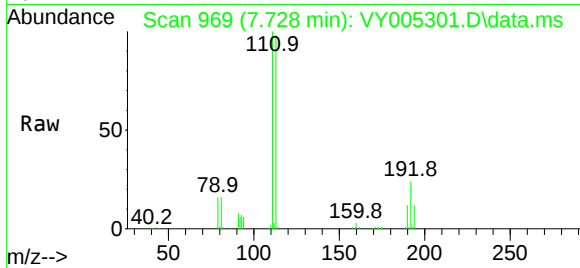




#35
Dibromofluoromethane
Concen: 54.193 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005301.D
Acq: 30 Jun 2021 16:28

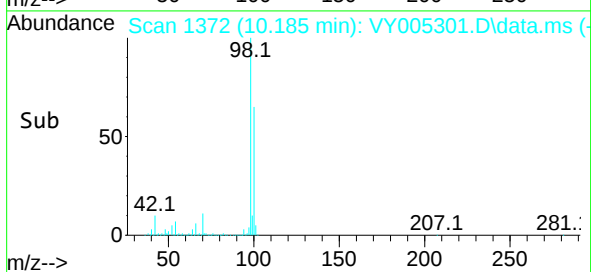
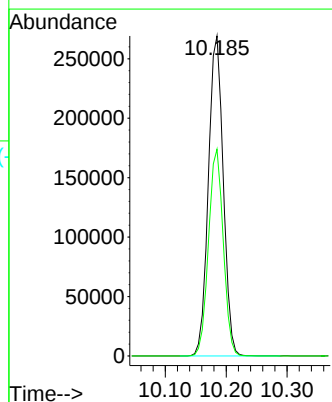
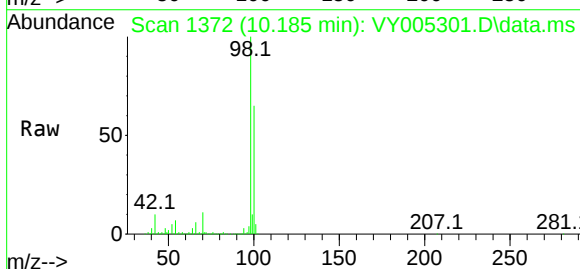
Instrument :
MSVOA_Y
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SB-10-9.5-10.0

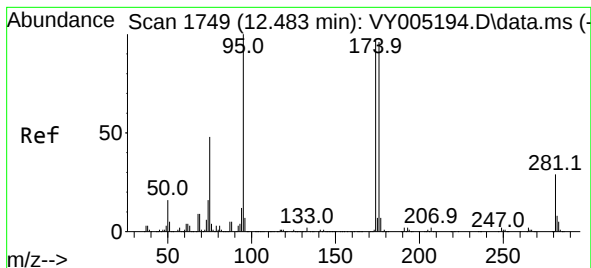
Tgt Ion:113 Resp: 117307
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 24.2 20.2 30.2



#50
Toluene-d8
Concen: 52.678 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005301.D
Acq: 30 Jun 2021 16:28

Tgt Ion: 98 Resp: 456013
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9

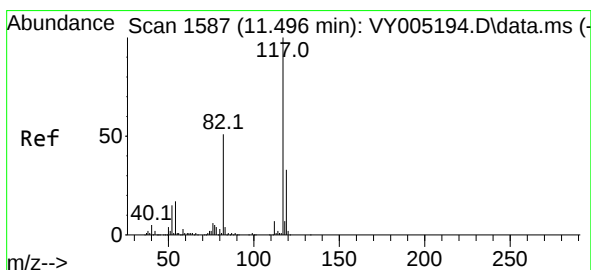
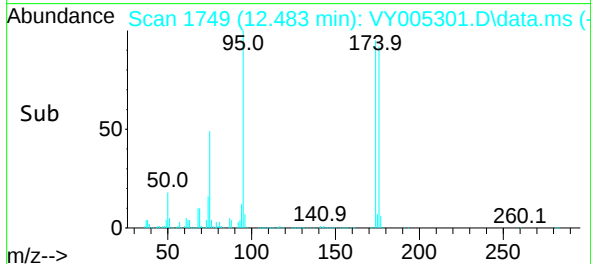
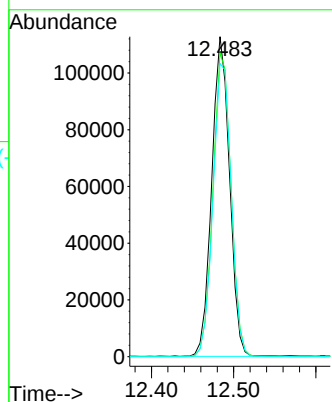
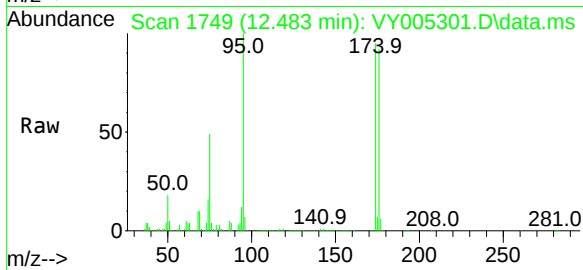




#62
4-Bromofluorobenzene
Concen: 58.788 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005301.D
Acq: 30 Jun 2021 16:28

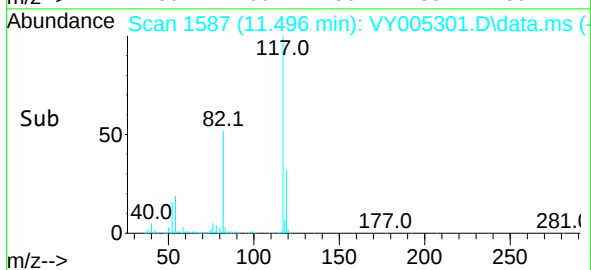
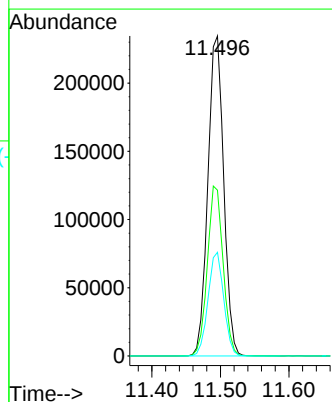
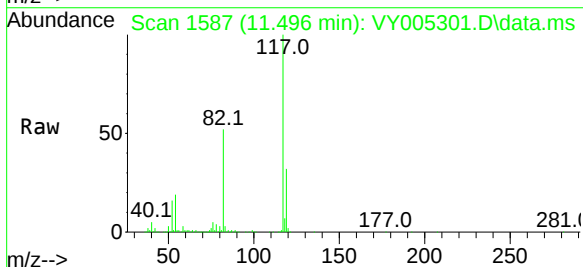
Instrument :
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ClientSampleId :
SB-10-9.5-10.0

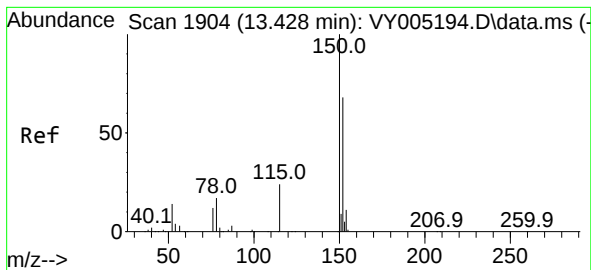
Tgt Ion: 95 Resp: 169581
Ion Ratio Lower Upper
95 100
174 96.5 0.0 201.6
176 94.0 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005301.D
Acq: 30 Jun 2021 16:28

Tgt Ion: 117 Resp: 377085
Ion Ratio Lower Upper
117 100
82 51.8 40.6 60.8
119 32.4 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005301.D
 Acq: 30 Jun 2021 16:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10-9.5-10.0

Tgt Ion:152 Resp: 199311
 Ion Ratio Lower Upper
 152 100
 115 53.8 26.3 78.8
 150 156.2 0.0 344.2

