

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030521\
 Data File : VD068545.D
 Acq On : 05 Mar 2021 15:57
 Operator : VA/SY
 Sample : M1577-01
 Misc : 4.90G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11939-VNJ-229

Quant Time: Mar 05 23:12:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

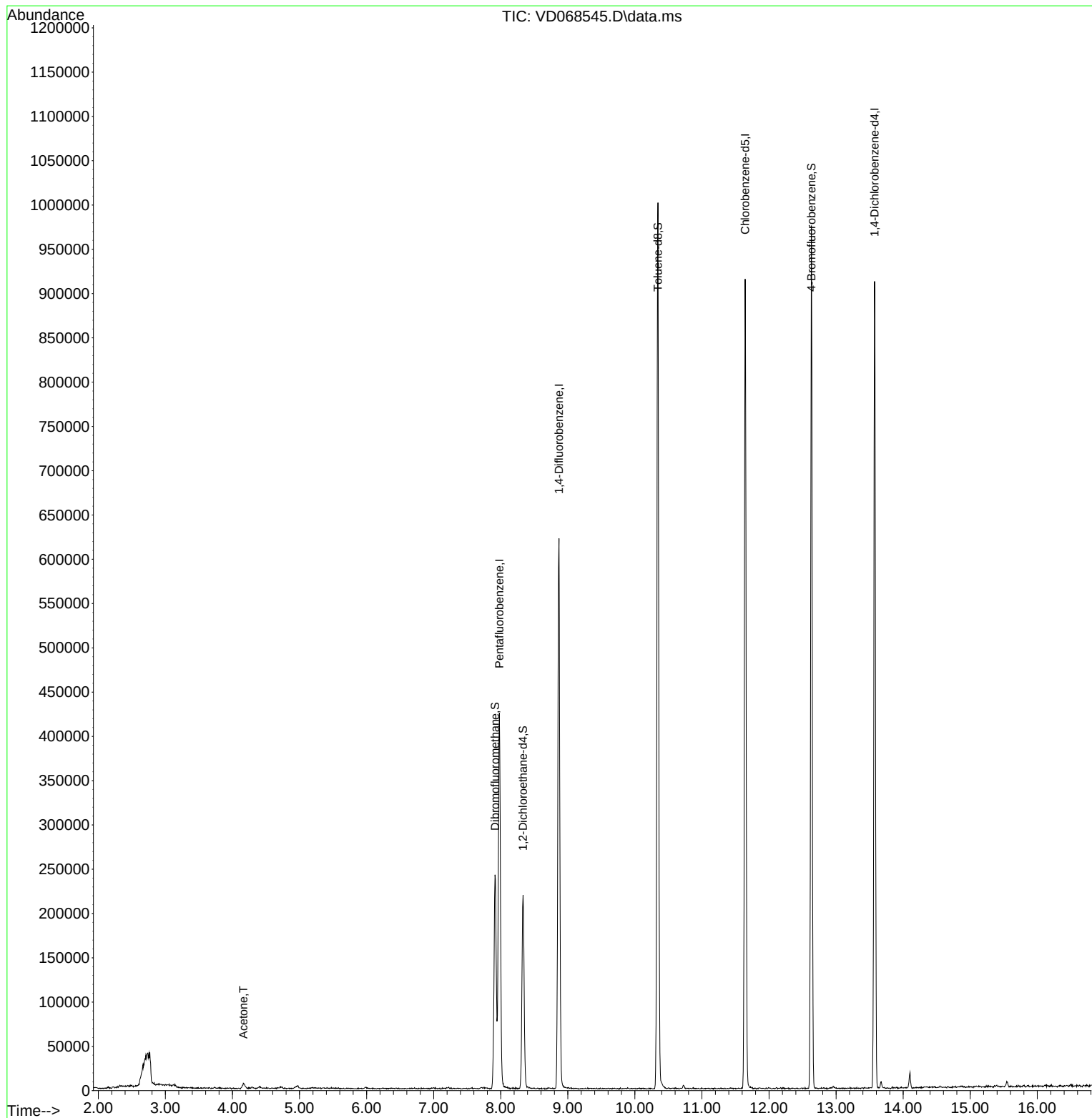
Internal Standards						
1) Pentafluorobenzene	7.979	168	327433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	565583	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	552811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	251390	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	177137	54.14	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.28%	
35) Dibromofluoromethane	7.914	113	176548	51.82	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.64%	
50) Toluene-d8	10.344	98	715458	52.72	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.44%	
62) 4-Bromofluorobenzene	12.632	95	236498	54.07	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.14%	
Target Compounds						
16) Acetone	4.162	43	9896	19.04	ug/l	Qvalue # 58

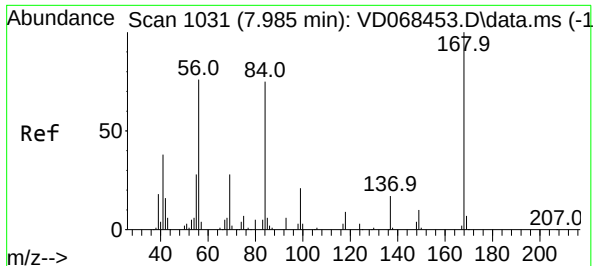
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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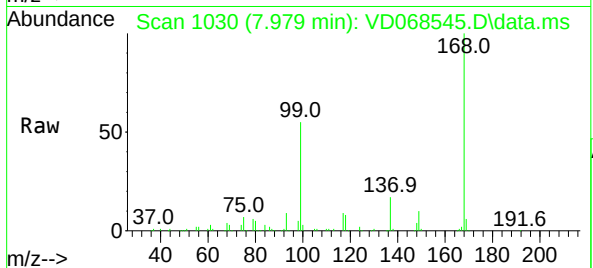
Quant Time: Mar 05 23:12:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
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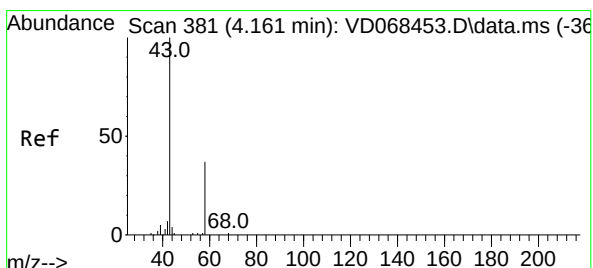
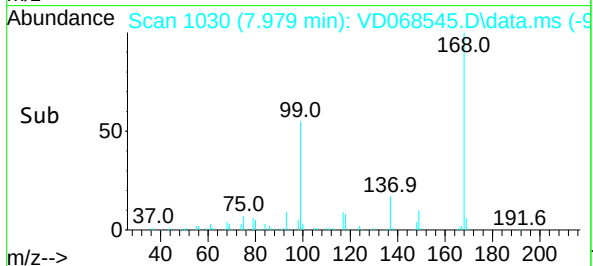
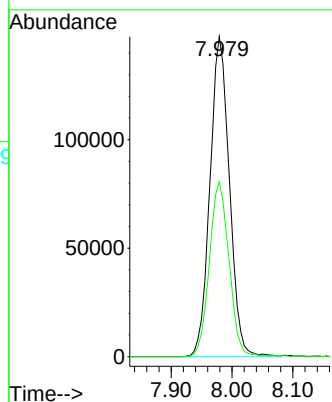


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068545.D
Acq: 05 Mar 2021 15:57

Instrument :
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ClientSampleId :
72-11939-VNJ-229

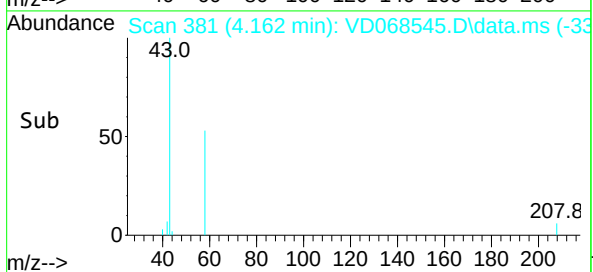
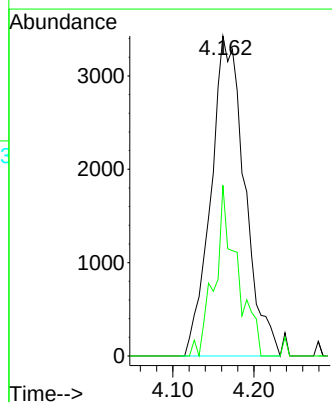
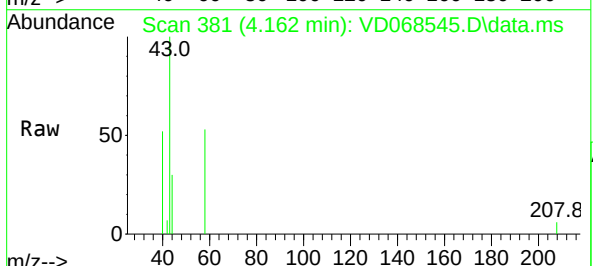


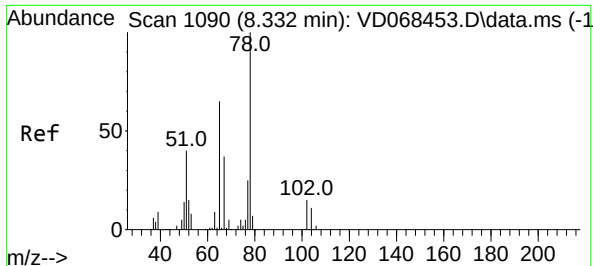
Tgt Ion:168 Resp: 327433
Ion Ratio Lower Upper
168 100
99 54.7 43.5 65.3



#16
Acetone
Concen: 19.04 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068545.D
Acq: 05 Mar 2021 15:57

Tgt Ion: 43 Resp: 9896
Ion Ratio Lower Upper
43 100
58 53.4 24.2 36.4#

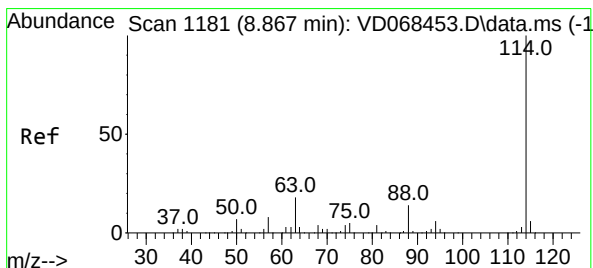
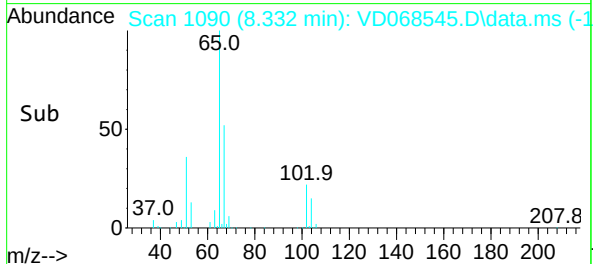
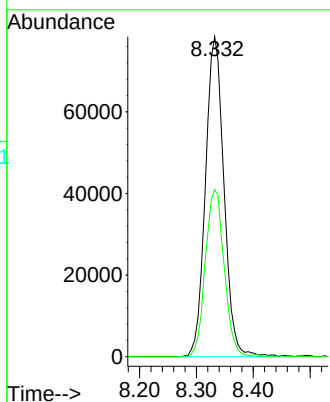
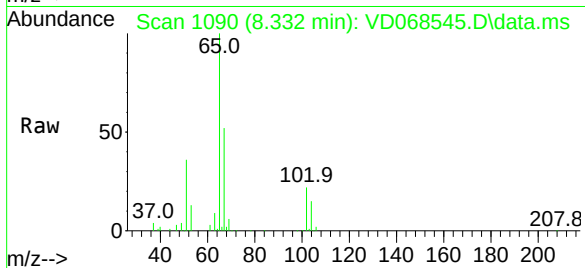




#33
1,2-Dichloroethane-d4
Concen: 54.14 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068545.D
Acq: 05 Mar 2021 15:57

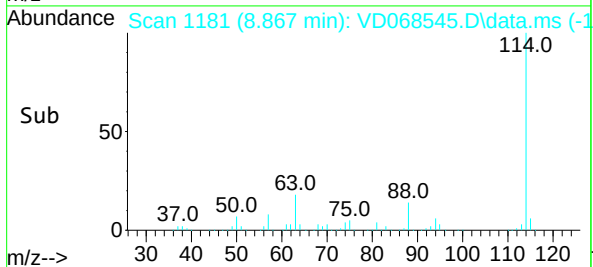
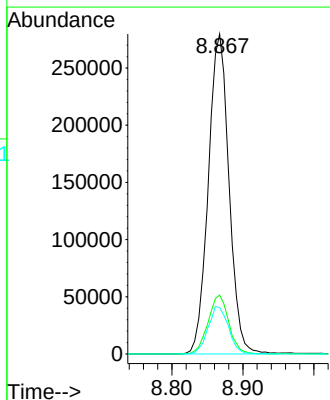
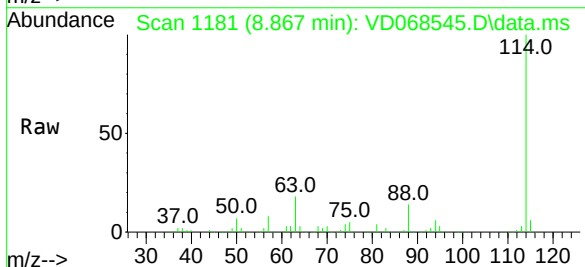
Instrument :
MSVOA_D
ClientSampleId :
72-11939-VNJ-229

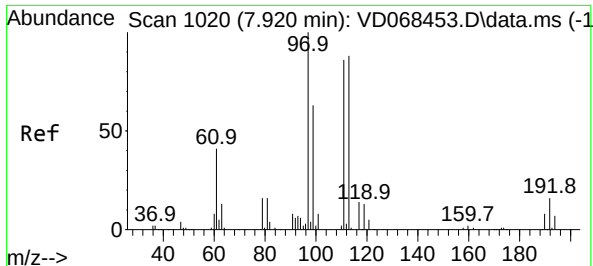
Tgt Ion: 65 Resp: 177137
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068545.D
Acq: 05 Mar 2021 15:57

Tgt Ion: 114 Resp: 565583
Ion Ratio Lower Upper
114 100
63 18.4 0.0 34.8
88 14.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.82 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.005 min

Lab File: VD068545.D

Acq: 05 Mar 2021 15:57

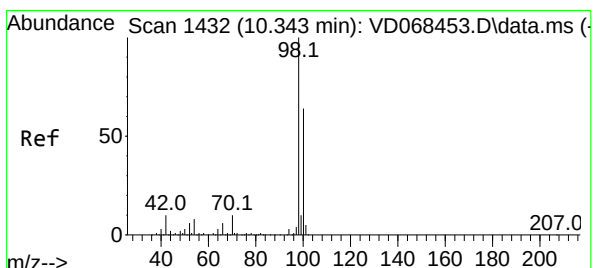
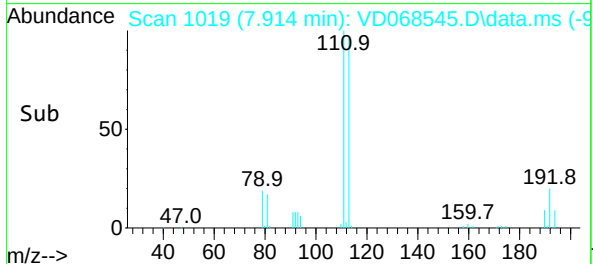
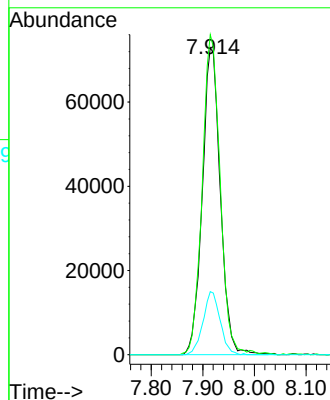
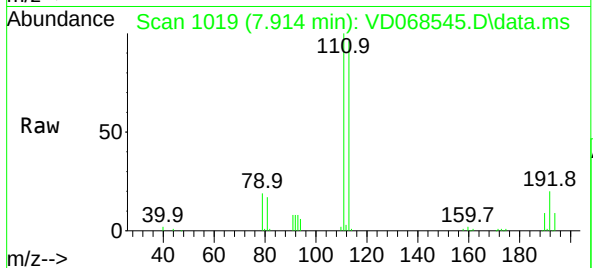
Tgt Ion:113 Resp: 176548

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 19.4 16.1 24.1



#50

Toluene-d8

Concen: 52.72 ug/l

RT: 10.344 min Scan# 1432

Delta R.T. 0.000 min

Lab File: VD068545.D

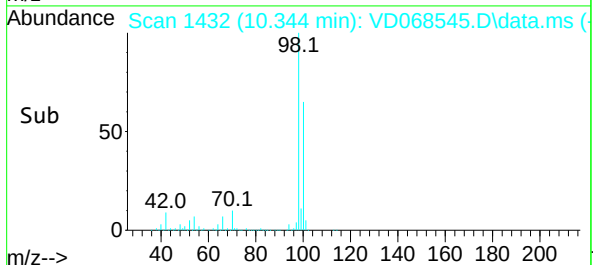
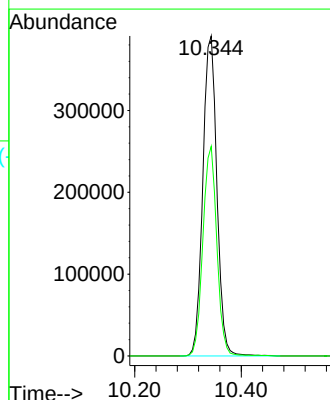
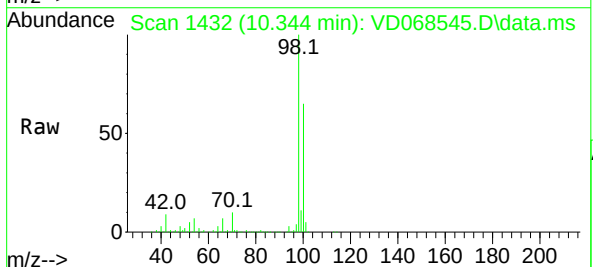
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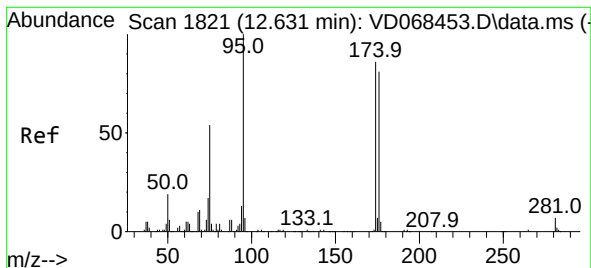
Tgt Ion: 98 Resp: 715458

Ion Ratio Lower Upper

98 100

100 64.8 53.0 79.4

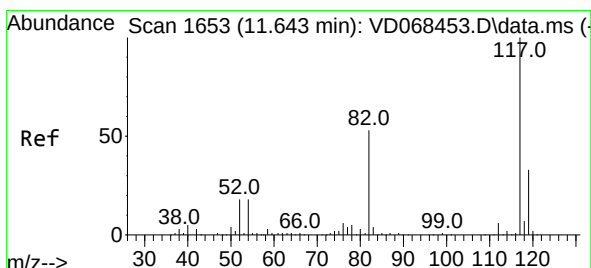
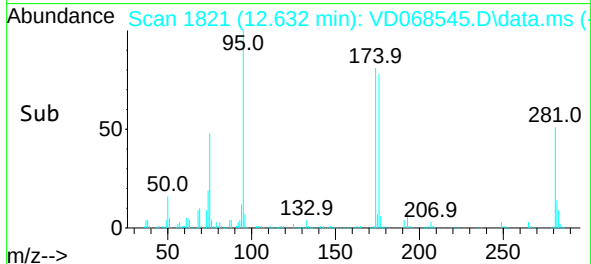
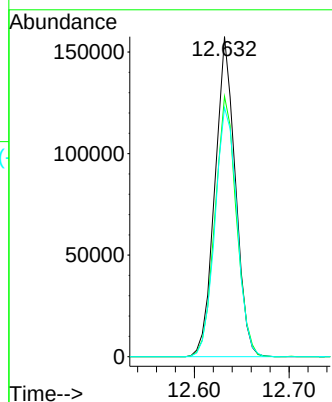
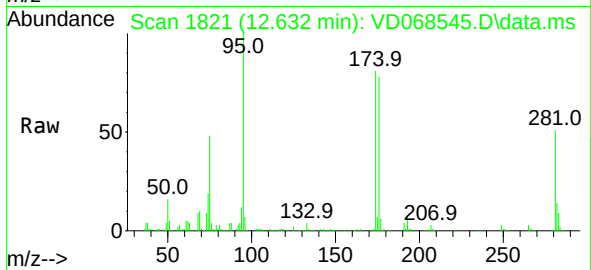




#62
4-Bromofluorobenzene
Concen: 54.07 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068545.D
Acq: 05 Mar 2021 15:57

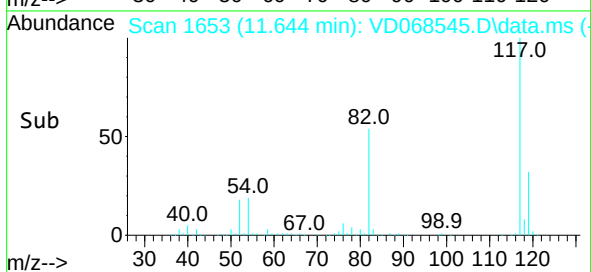
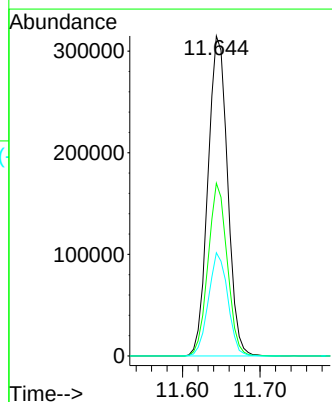
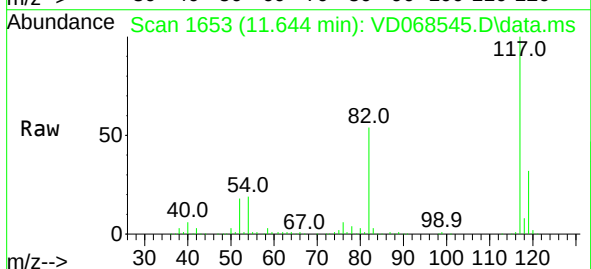
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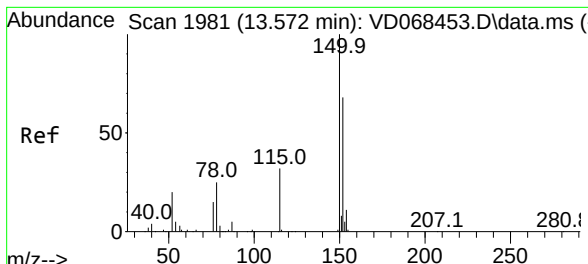
Tgt Ion: 95 Resp: 236498
Ion Ratio Lower Upper
95 100
174 85.2 0.0 172.4
176 83.8 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068545.D
Acq: 05 Mar 2021 15:57

Tgt Ion: 117 Resp: 552811
Ion Ratio Lower Upper
117 100
82 54.0 41.4 62.0
119 32.3 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.001 min
 Lab File: VD068545.D
 Acq: 05 Mar 2021 15:57

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11939-VNJ-229

Tgt Ion:152 Resp: 251390
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.9 86.8
 150 156.7 0.0 344.4

