

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030121\
 Data File : VD068479.D
 Acq On : 01 Mar 2021 14:50
 Operator : VA/SY
 Sample : M1526-01
 Misc : 7.20G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STOCK-PILE

Quant Time: Mar 01 20:47:31 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)

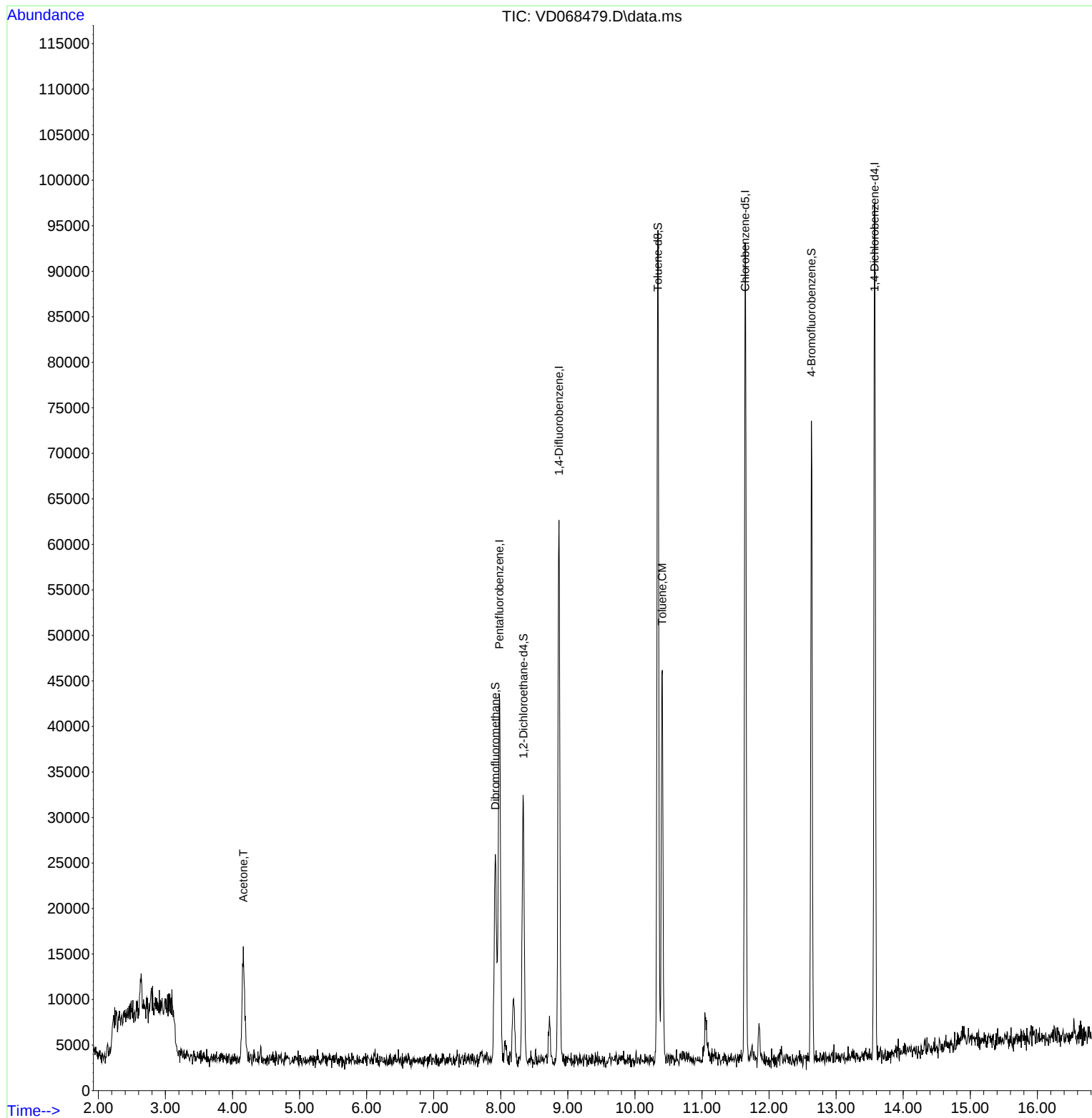
Internal Standards						
1) Pentafluorobenzene	7.979	168	28439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	52867	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	56603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	25854	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	23681	83.34	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 166.68%#	
35) Dibromofluoromethane	7.920	113	17533	55.05	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.10%	
50) Toluene-d8	10.343	98	65552	51.68	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.36%	
62) 4-Bromofluorobenzene	12.632	95	23310	57.02	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.04%	
Target Compounds						
16) Acetone	4.161	43	20850	461.96	ug/l	93
52) Toluene	10.408	92	20024	21.75	ug/l	96

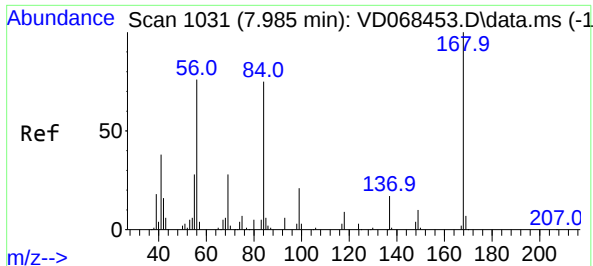
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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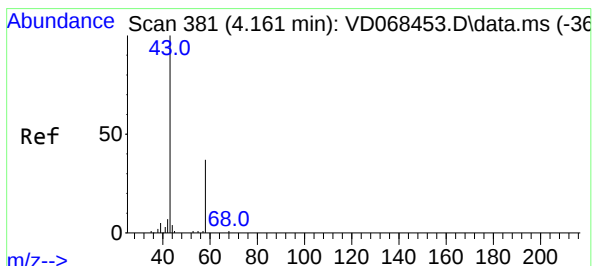
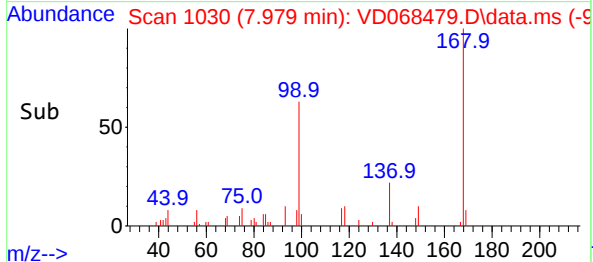
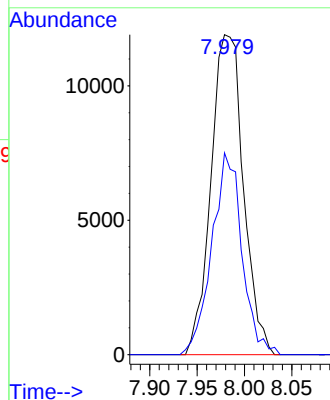
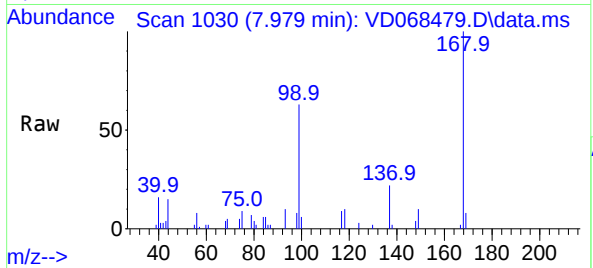




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068479.D
Acq: 01 Mar 2021 14:50

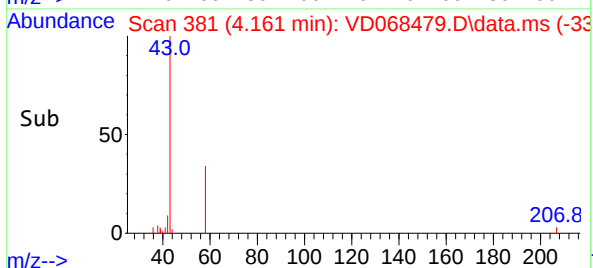
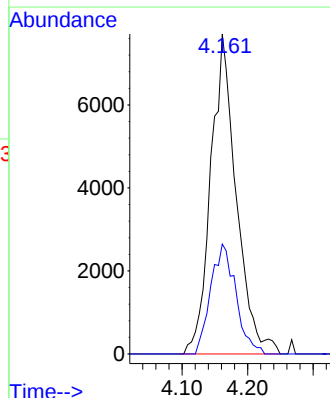
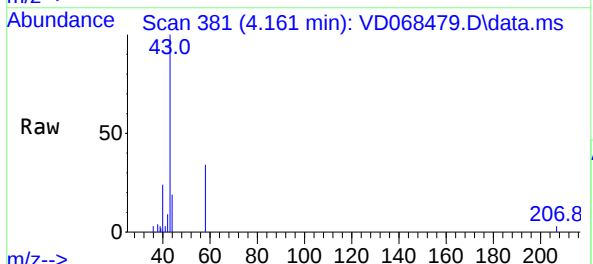
Instrument :
MSVOA_D
ClientSampleId :
STOCK-PILE

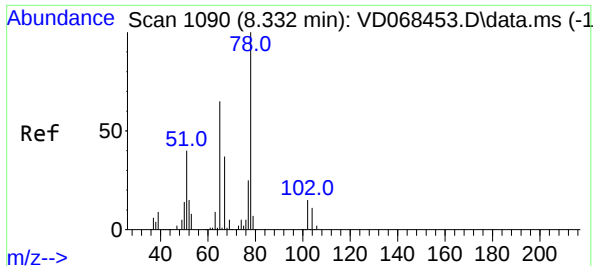
Tgt Ion:168 Resp: 28439
Ion Ratio Lower Upper
168 100
99 63.0 43.5 65.3



#16
Acetone
Concen: 461.96 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068479.D
Acq: 01 Mar 2021 14:50

Tgt Ion: 43 Resp: 20850
Ion Ratio Lower Upper
43 100
58 34.3 24.2 36.4

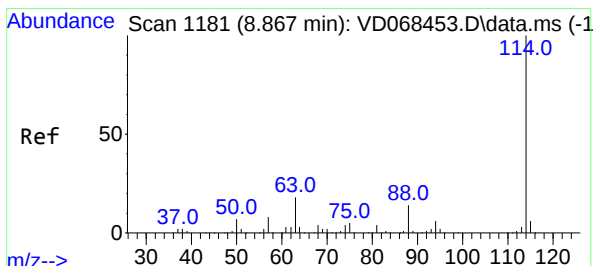
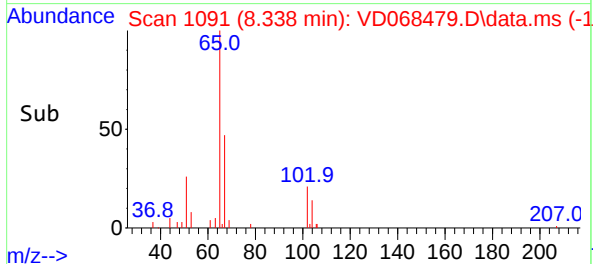
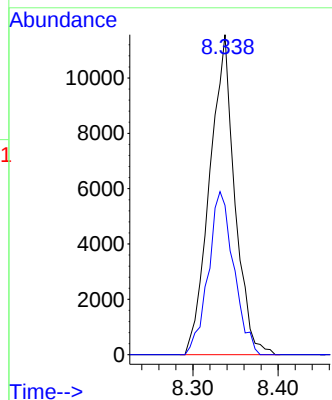
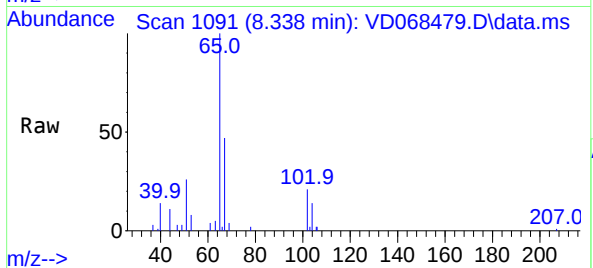




#33
1,2-Dichloroethane-d4
Concen: 83.34 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068479.D
Acq: 01 Mar 2021 14:50

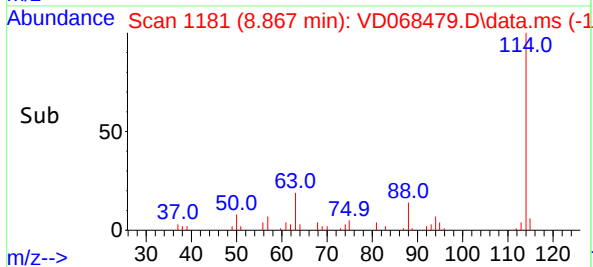
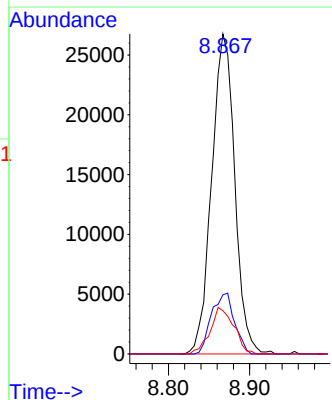
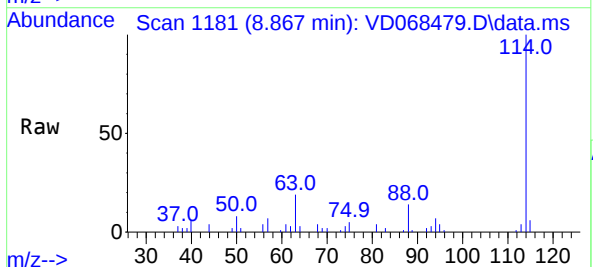
Instrument :
MSVOA_D
ClientSampleId :
STOCK-PILE

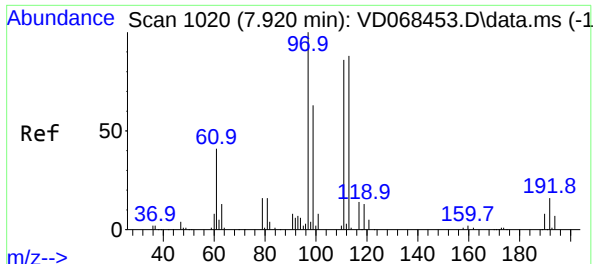
Tgt Ion: 65 Resp: 23681
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068479.D
Acq: 01 Mar 2021 14:50

Tgt Ion: 114 Resp: 52867
Ion Ratio Lower Upper
114 100
63 18.5 0.0 34.8
88 13.5 0.0 31.6

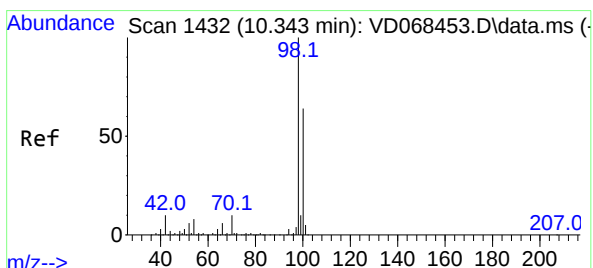
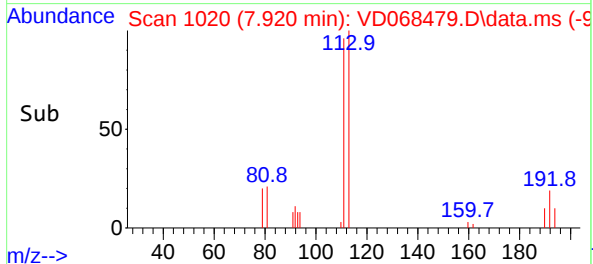
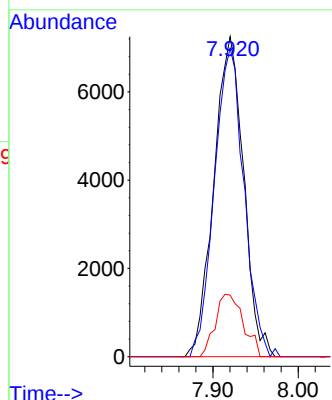
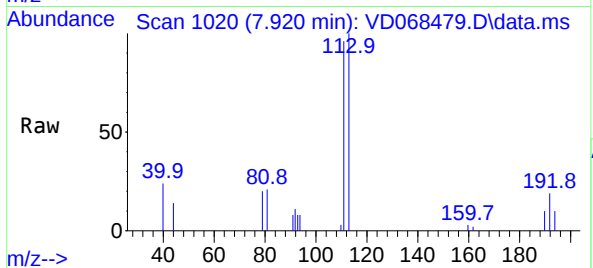




#35
Dibromofluoromethane
Concen: 55.05 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068479.D
Acq: 01 Mar 2021 14:50

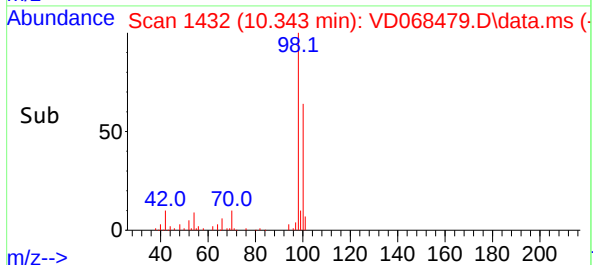
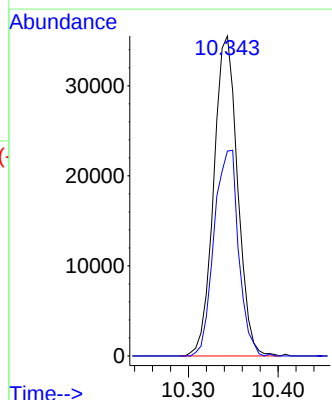
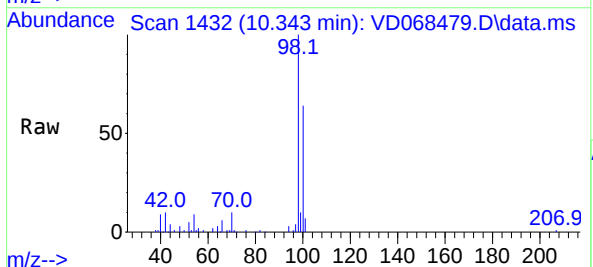
Instrument :
MSVOA_D
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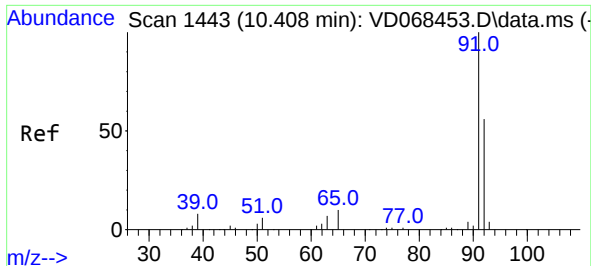
Tgt Ion:113 Resp: 17533
Ion Ratio Lower Upper
113 100
111 95.9 81.4 122.0
192 18.3 16.1 24.1



#50
Toluene-d8
Concen: 51.68 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068479.D
Acq: 01 Mar 2021 14:50

Tgt Ion: 98 Resp: 65552
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4

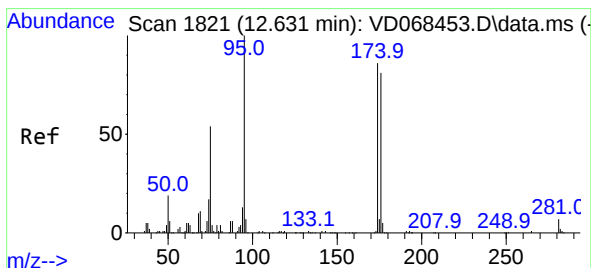
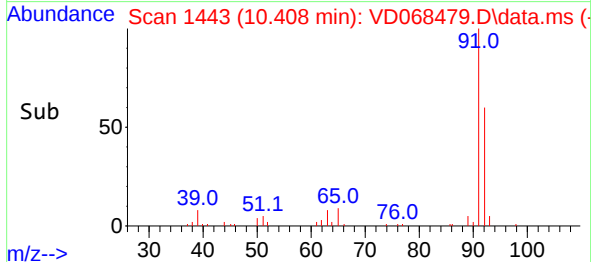
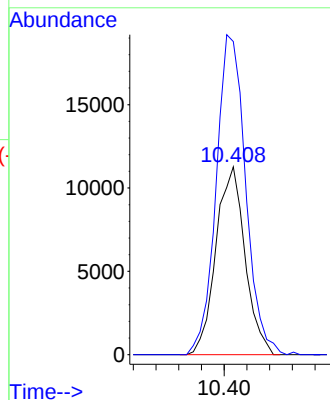
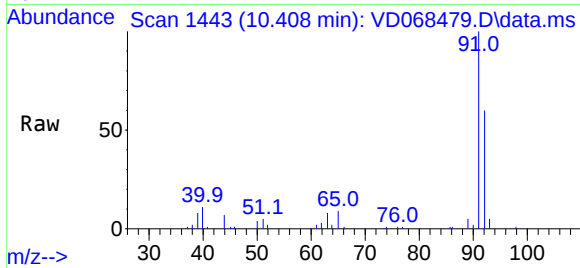




#52
Toluene
Concen: 21.75 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD068479.D
Acq: 01 Mar 2021 14:50

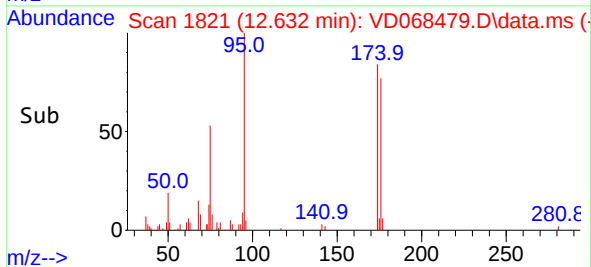
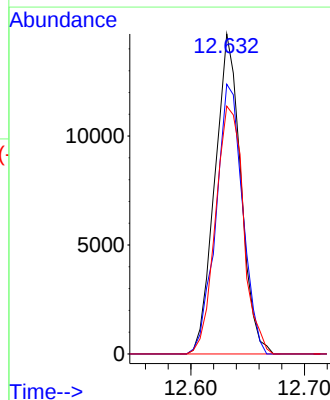
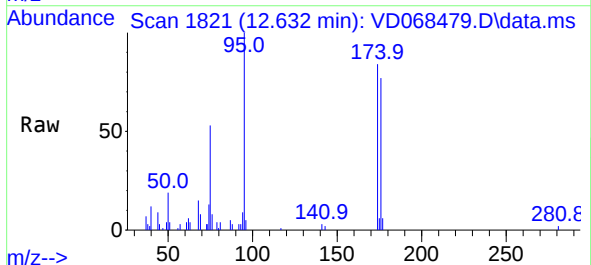
Instrument :
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STOCK-PILE

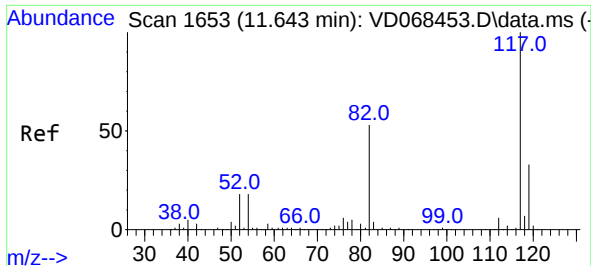
Tgt Ion: 92 Resp: 20024
Ion Ratio Lower Upper
92 100
91 173.0 134.1 201.1



#62
4-Bromofluorobenzene
Concen: 57.02 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068479.D
Acq: 01 Mar 2021 14:50

Tgt Ion: 95 Resp: 23310
Ion Ratio Lower Upper
95 100
174 86.6 0.0 172.4
176 83.1 0.0 168.4

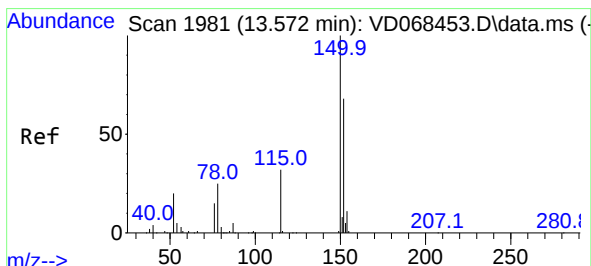
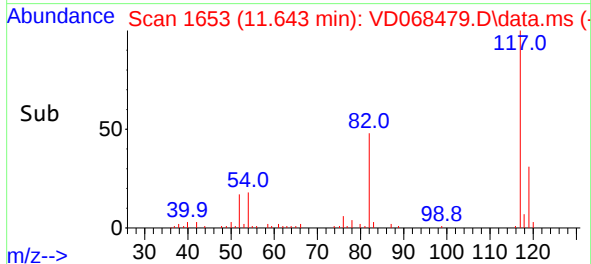
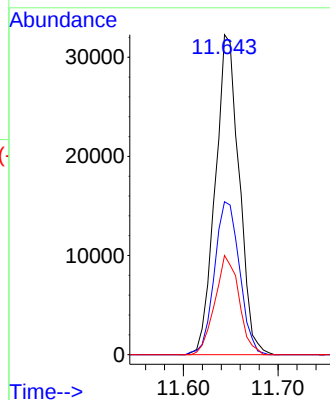
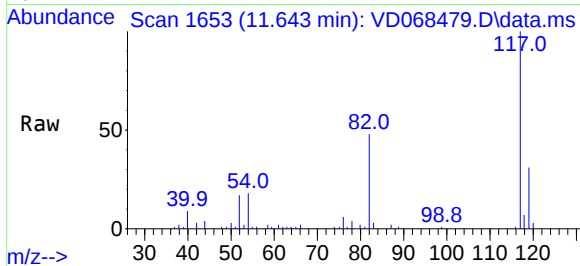




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068479.D
Acq: 01 Mar 2021 14:50

Instrument :
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ClientSampleId :
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Tgt Ion:	117	Resp:	56603
Ion Ratio	Lower	Upper	
117	100		
82	47.8	41.4	62.0
119	31.0	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: VD068479.D
Acq: 01 Mar 2021 14:50

Tgt Ion:	152	Resp:	25854
Ion Ratio	Lower	Upper	
152	100		
115	56.1	28.9	86.8
150	162.7	0.0	344.4

