

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010721\
 Data File : VD068038.D
 Acq On : 07 Jan 2021 17:01
 Operator : VA/SY
 Sample : M1044-20
 Misc : 6.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-12

Quant Time: Jan 08 00:16:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

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

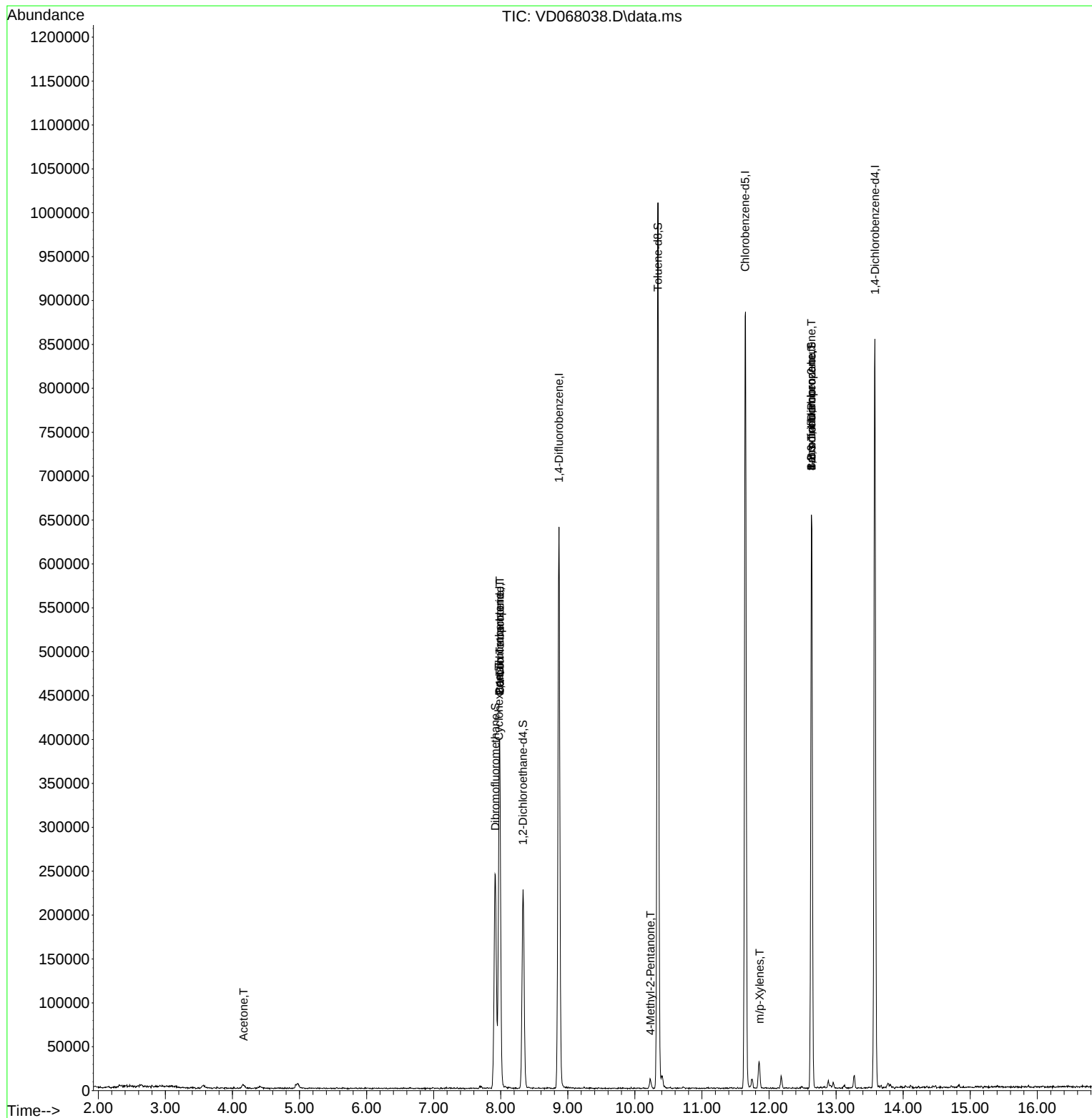
Internal Standards						
1) Pentafluorobenzene	7.979	168	280633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	527266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	511634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	220419	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	176948	58.39	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.78%			
35) Dibromofluoromethane	7.920	113	177408	53.40	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.80%			
50) Toluene-d8	10.344	98	676129	54.14	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.28%			
62) 4-Bromofluorobenzene	12.632	95	223136	52.24	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.48%			
Target Compounds						
5) Bromomethane	2.803	94	119	Below Cal		81
16) Acetone	4.168	43	8266	14.29 ug/l #		82
20) Methylene Chloride	4.962	84	2653	Below Cal		96
31) Cyclohexane	7.973	56	7532	1.22 ug/l #		28
36) 1,1-Dichloropropene	7.985	75	26231	4.68 ug/l #		51
38) Carbon Tetrachloride	7.985	117	30491	5.70 ug/l #		15
51) 4-Methyl-2-Pentanone	10.232	43	6935	3.22 ug/l		100
68) m/p-Xylenes	11.861	106	9418	1.26 ug/l		100
71) Bromoform	12.632	173	2622	1.32 ug/l #		1
76) 1,2,3-Trichloropropane	12.632	75	113750	61.29 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.632	75	113750	125.64 ug/l #		12

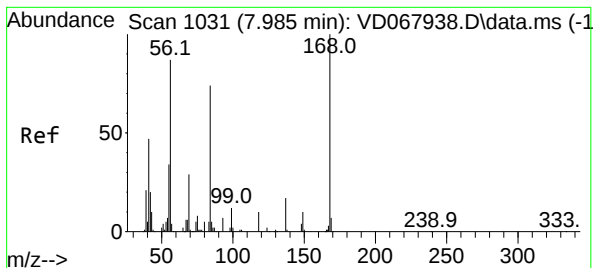
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :
TP-12

Quant Time: Jan 08 00:16:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 23 07:34:16 2020
Response via : Initial Calibration

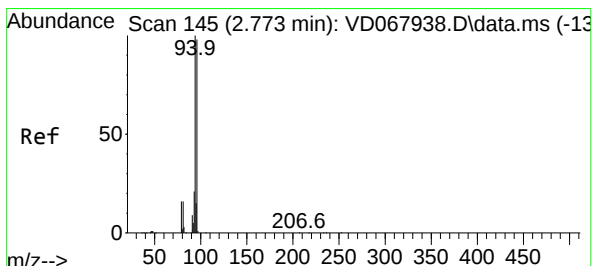
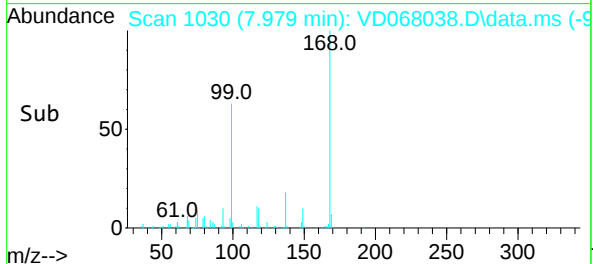
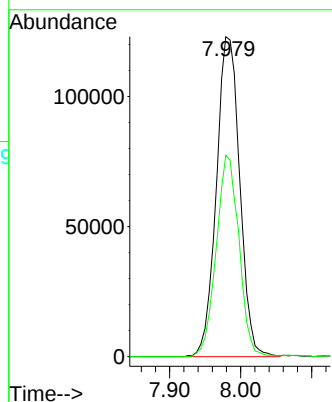
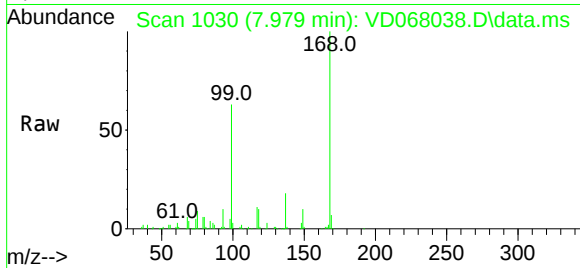




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068038.D
Acq: 07 Jan 2021 17:01

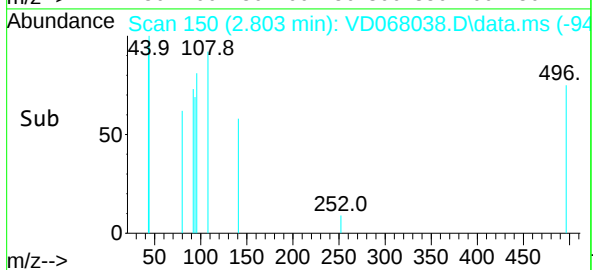
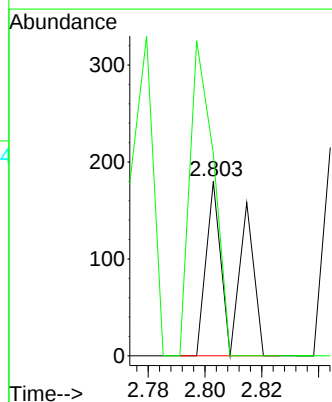
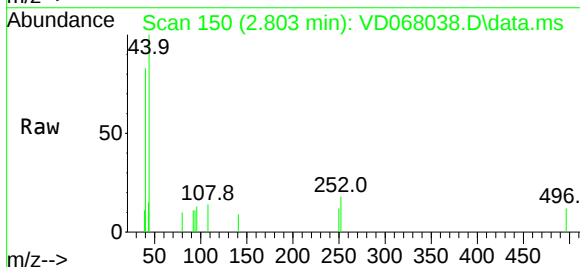
Instrument :
MSVOA_D
ClientSampleId :
TP-12

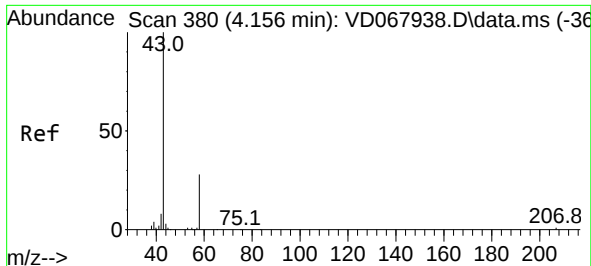
Tgt Ion:168 Resp: 280633
Ion Ratio Lower Upper
168 100
99 63.0 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.803 min Scan# 150
Delta R.T. 0.030 min
Lab File: VD068038.D
Acq: 07 Jan 2021 17:01

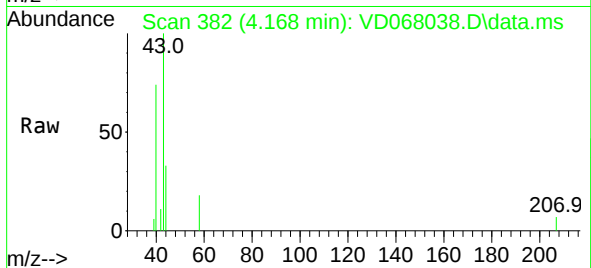
Tgt Ion: 94 Resp: 119
Ion Ratio Lower Upper
94 100
96 116.1 78.0 117.0



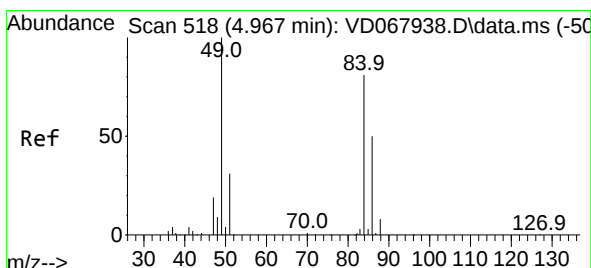
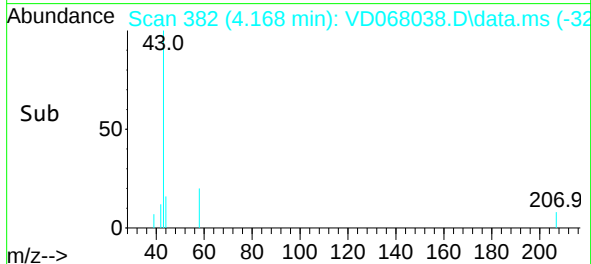
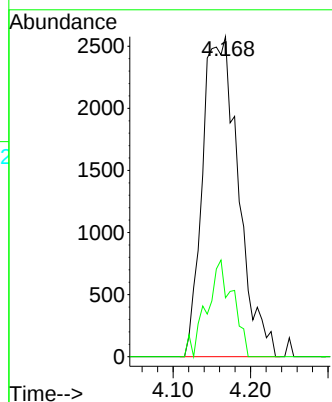


#16
Acetone
Concen: 14.29 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD068038.D
Acq: 07 Jan 2021 17:01

Instrument :
MSVOA_D
ClientSampled :
TP-12

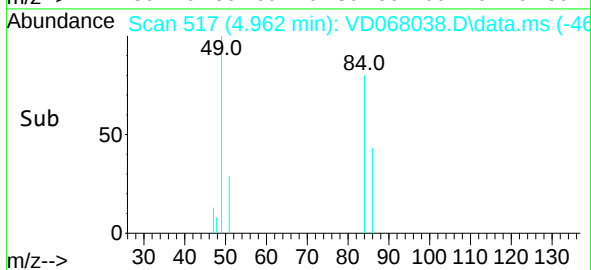
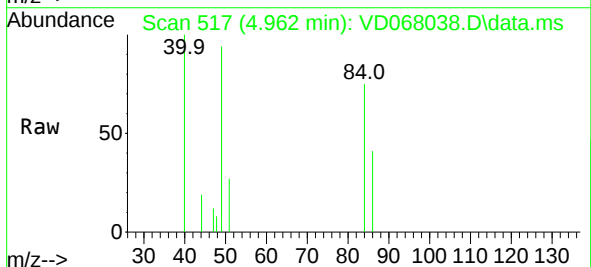
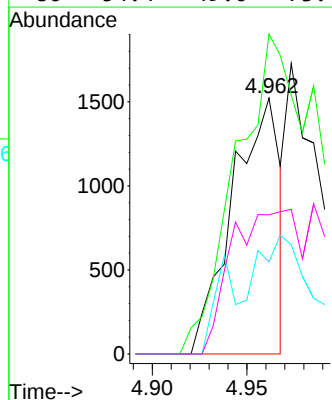


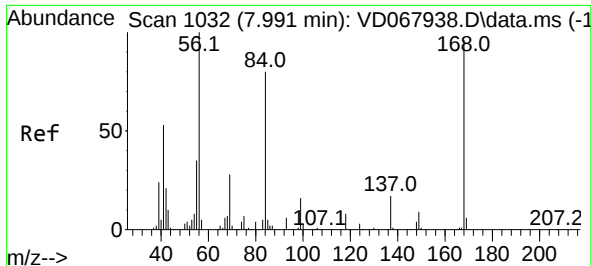
Tgt Ion: 43 Resp: 8266
Ion Ratio Lower Upper
43 100
58 18.4 22.3 33.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD068038.D
Acq: 07 Jan 2021 17:01

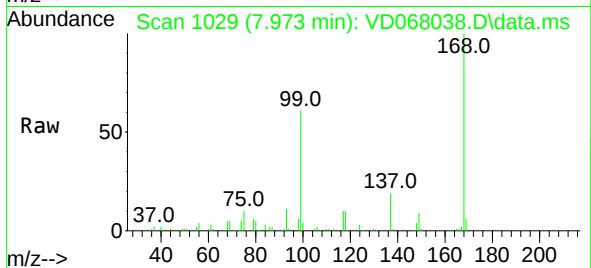
Tgt Ion: 84 Resp: 2653
Ion Ratio Lower Upper
84 100
49 125.1 98.3 147.5
51 36.0 30.3 45.5
86 54.4 49.0 73.4



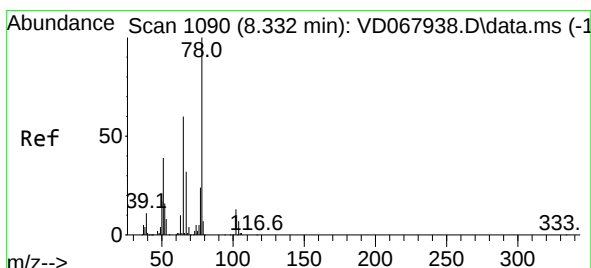
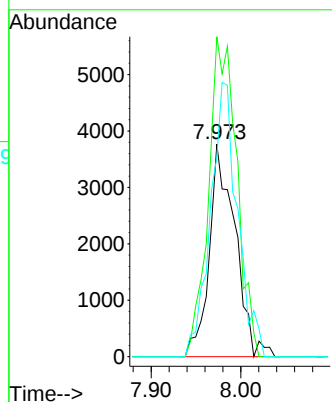
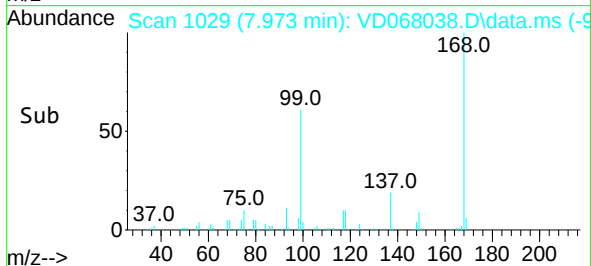


#31
Cyclohexane
Concen: 1.22 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD068038.D
Acq: 07 Jan 2021 17:01

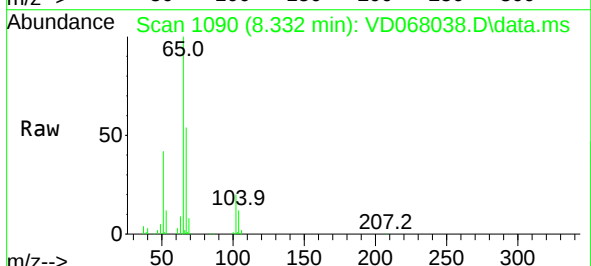
Instrument :
MSVOA_D
ClientSampled :
TP-12



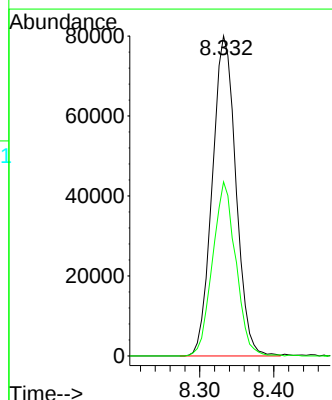
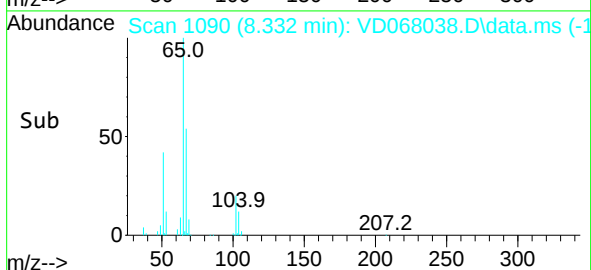
Tgt Ion: 56 Resp: 7532
Ion Ratio Lower Upper
56 100
69 150.5 22.7 34.1#
84 93.8 64.2 96.4

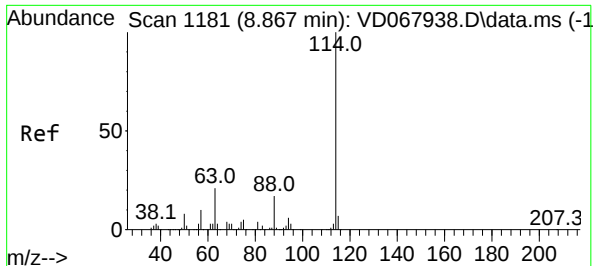


#33
1,2-Dichloroethane-d4
Concen: 58.39 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068038.D
Acq: 07 Jan 2021 17:01



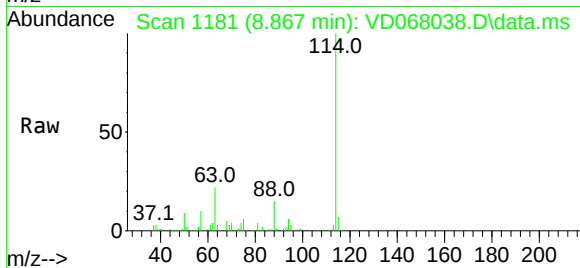
Tgt Ion: 65 Resp: 176948
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.0



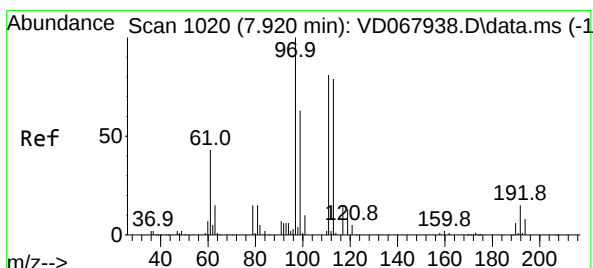
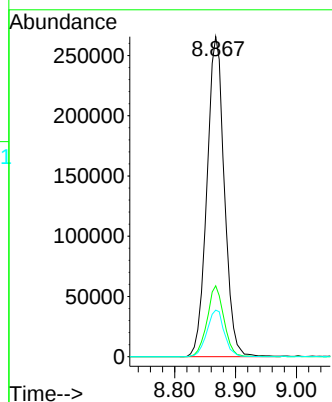
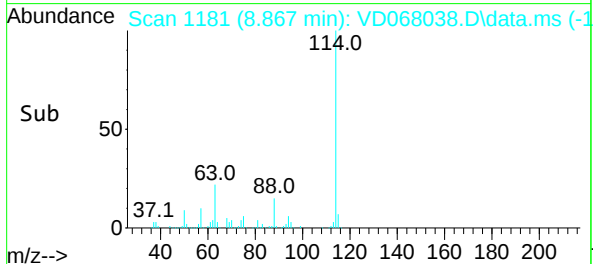


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068038.D
Acq: 07 Jan 2021 17:01

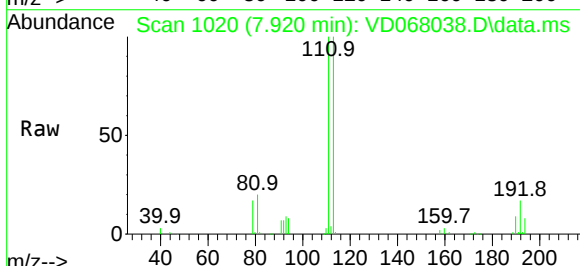
Instrument :
MSVOA_D
ClientSampled :
TP-12



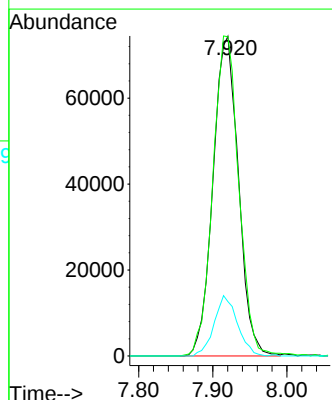
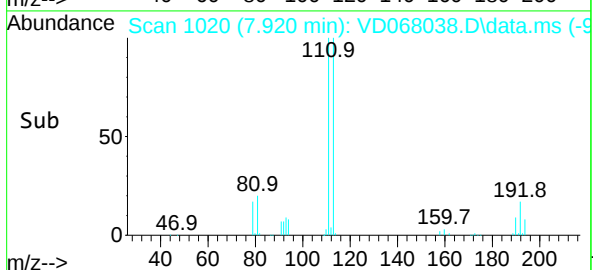
Tgt Ion:114 Resp: 527266
Ion Ratio Lower Upper
114 100
63 22.2 0.0 41.4
88 14.6 0.0 33.2

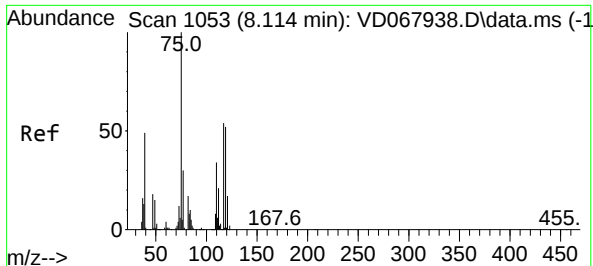


#35
Dibromofluoromethane
Concen: 53.40 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068038.D
Acq: 07 Jan 2021 17:01



Tgt Ion:113 Resp: 177408
Ion Ratio Lower Upper
113 100
111 102.5 79.3 118.9
192 17.3 14.5 21.7

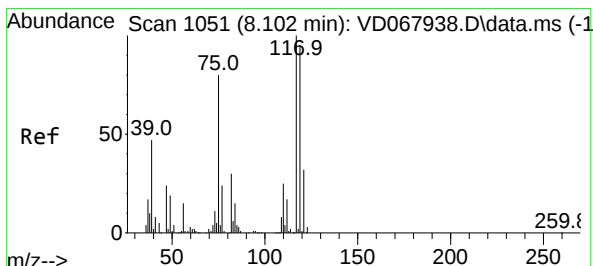
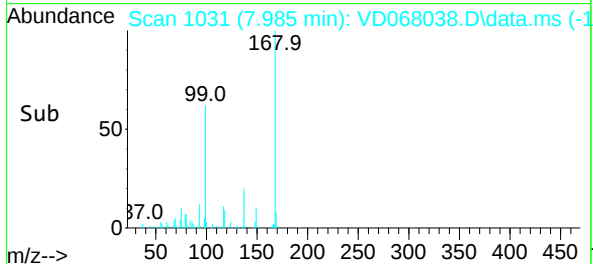
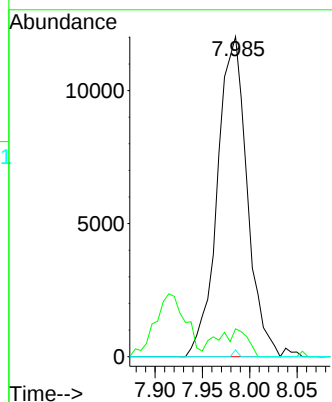
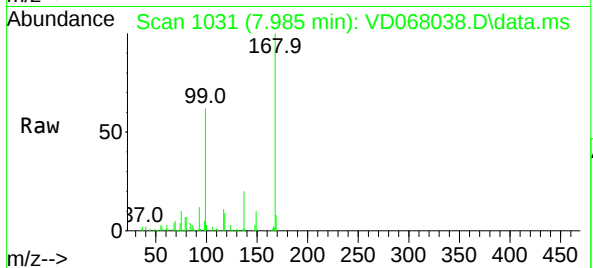




#36
1,1-Dichloropropene
Concen: 4.68 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068038.D
Acq: 07 Jan 2021 17:01

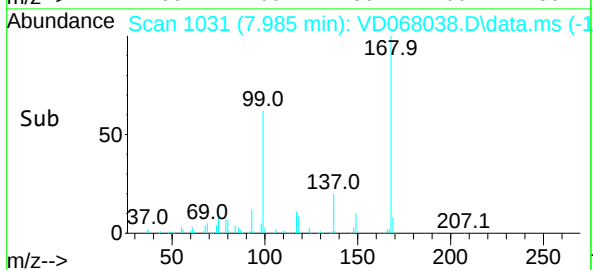
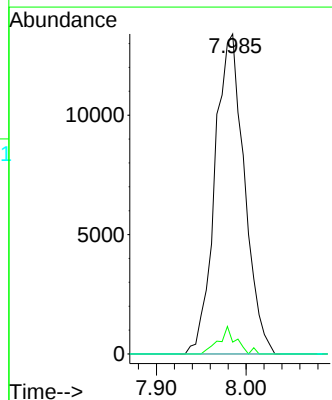
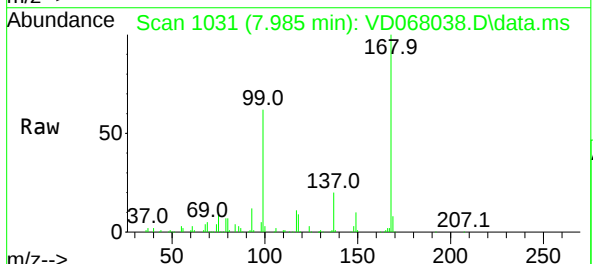
Instrument :
MSVOA_D
ClientSampled :
TP-12

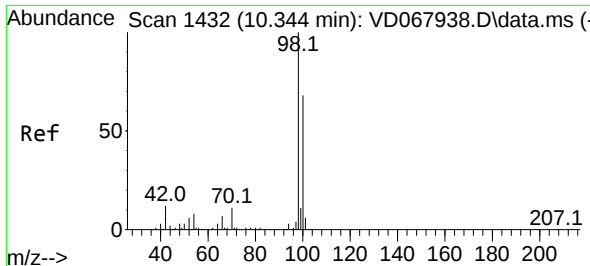
Tgt Ion: 75 Resp: 26231
Ion Ratio Lower Upper
75 100
110 8.8 17.0 51.0#
77 0.3 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.70 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068038.D
Acq: 07 Jan 2021 17:01

Tgt Ion: 117 Resp: 30491
Ion Ratio Lower Upper
117 100
119 3.7 76.2 114.4#
121 0.0 25.9 38.9#

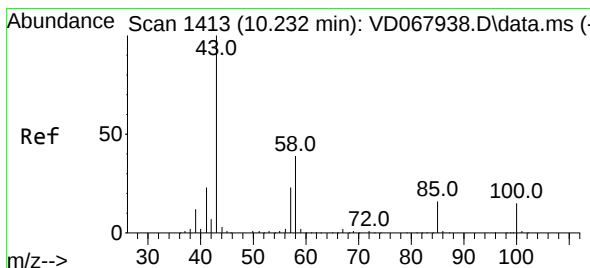
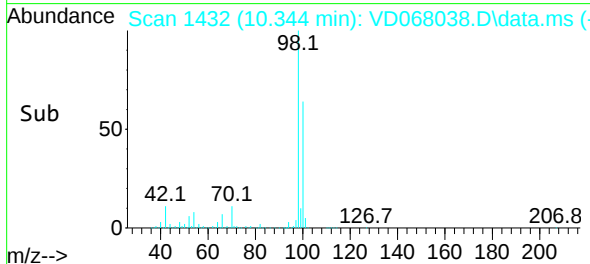
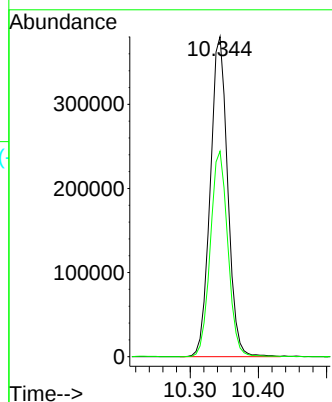
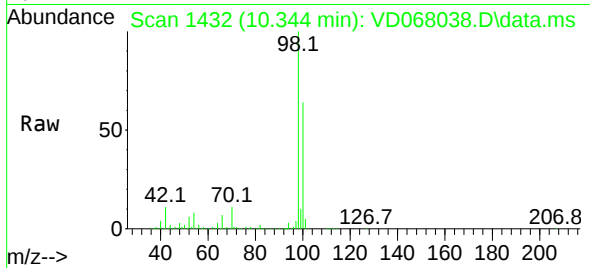




#50
Toluene-d8
Concen: 54.14 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068038.D
Acq: 07 Jan 2021 17:01

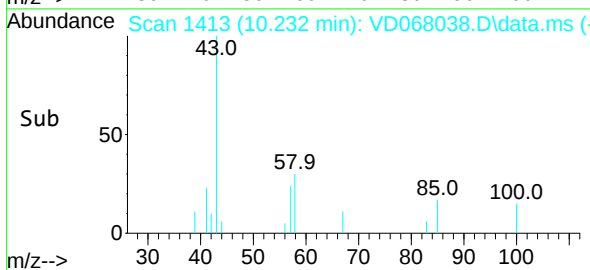
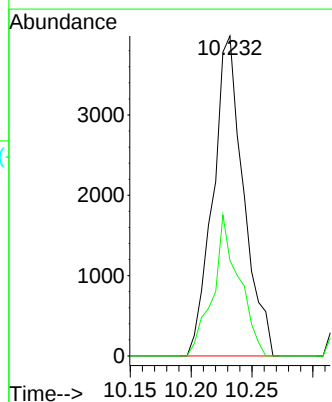
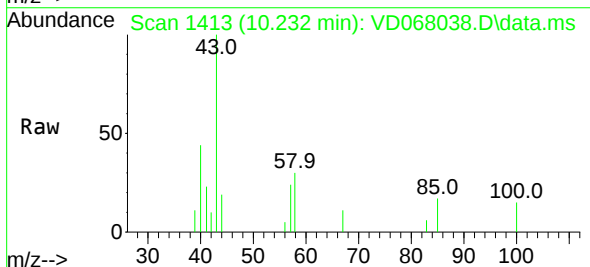
Instrument :
MSVOA_D
ClientSampled :
TP-12

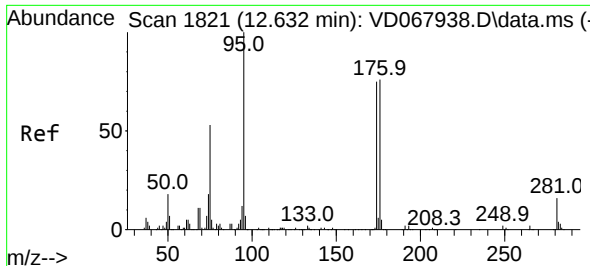
Tgt Ion: 98 Resp: 676129
Ion Ratio Lower Upper
98 100
100 64.6 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 3.22 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD068038.D
Acq: 07 Jan 2021 17:01

Tgt Ion: 43 Resp: 6935
Ion Ratio Lower Upper
43 100
58 37.7 30.0 45.0

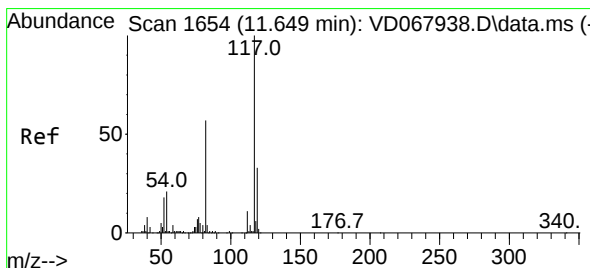
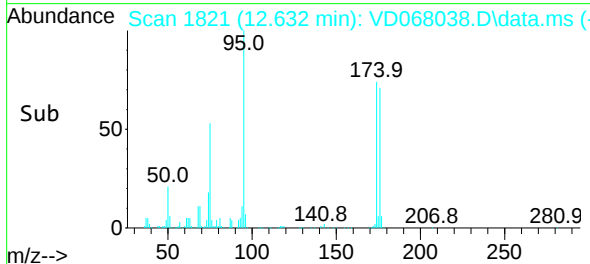
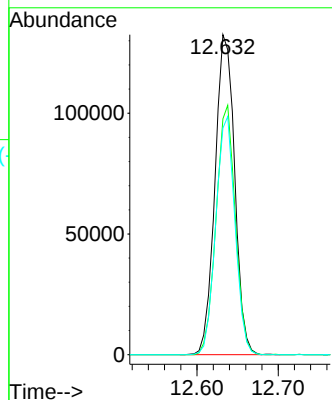
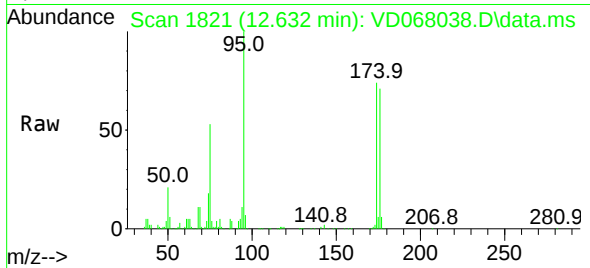




#62
4-Bromofluorobenzene
Concen: 52.24 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068038.D
Acq: 07 Jan 2021 17:01

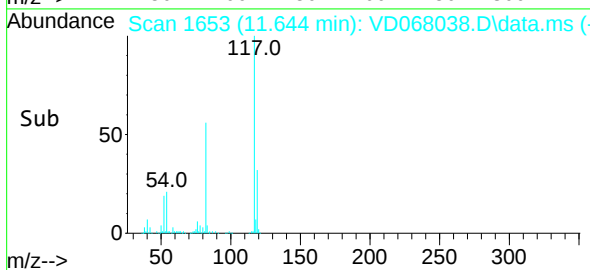
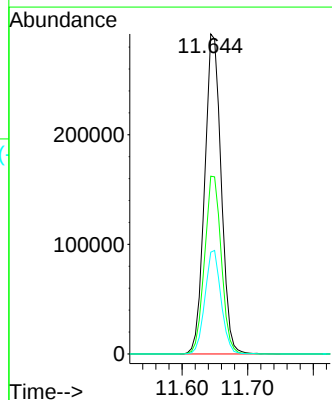
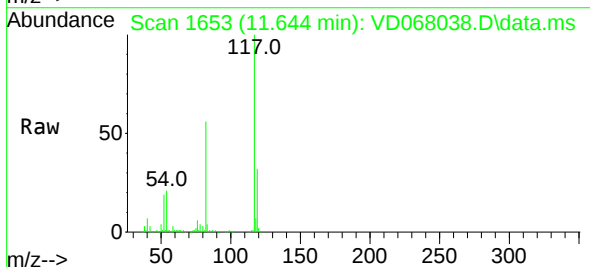
Instrument :
MSVOA_D
ClientSampleId :
TP-12

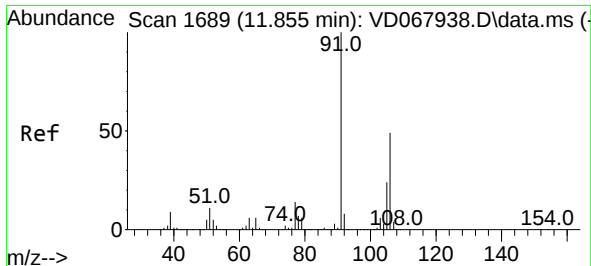
Tgt Ion: 95 Resp: 223136
Ion Ratio Lower Upper
95 100
174 75.9 0.0 150.6
176 72.6 0.0 151.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068038.D
Acq: 07 Jan 2021 17:01

Tgt Ion: 117 Resp: 511634
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.0
119 31.8 26.7 40.1

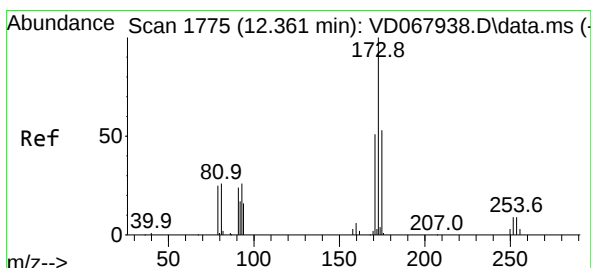
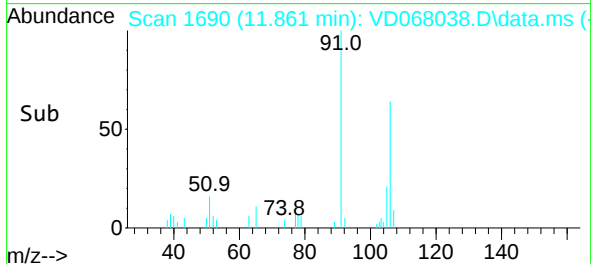
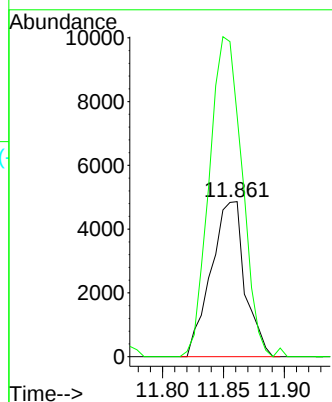
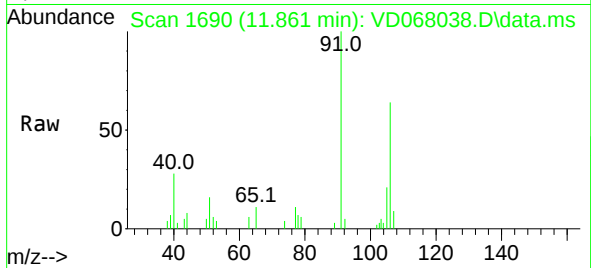




#68
m/p-Xylenes
Concen: 1.26 ug/l
RT: 11.861 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VD068038.D
Acq: 07 Jan 2021 17:01

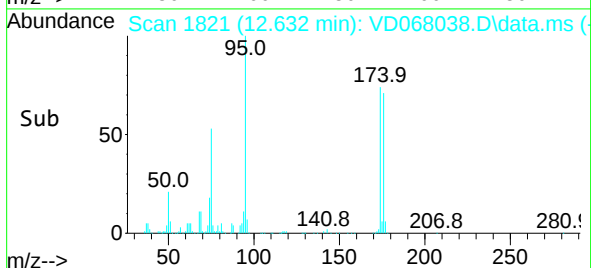
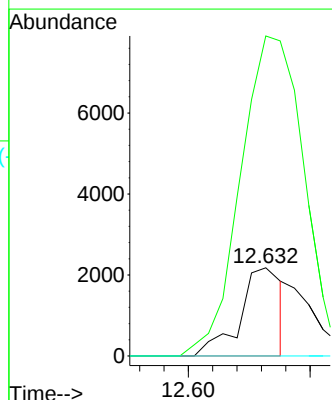
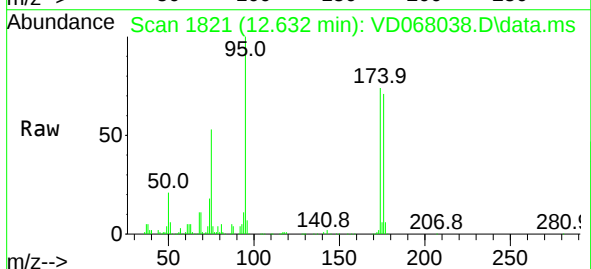
Instrument :
MSVOA_D
ClientSampled :
TP-12

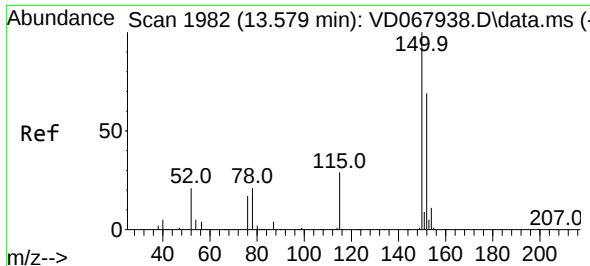
Tgt Ion:106 Resp: 9418
Ion Ratio Lower Upper
106 100
91 199.3 159.9 239.9



#71
Bromoform
Concen: 1.32 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.271 min
Lab File: VD068038.D
Acq: 07 Jan 2021 17:01

Tgt Ion:173 Resp: 2622
Ion Ratio Lower Upper
173 100
175 379.7 24.6 73.8#
254 0.0 0.0 0.0

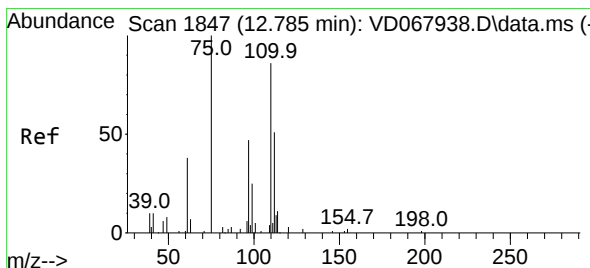
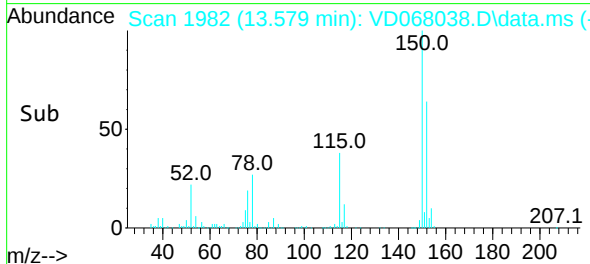
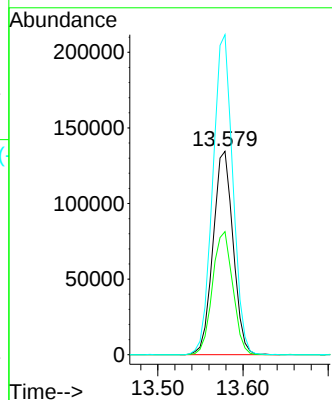
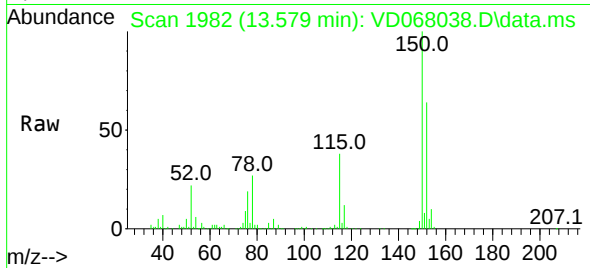




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD068038.D
Acq: 07 Jan 2021 17:01

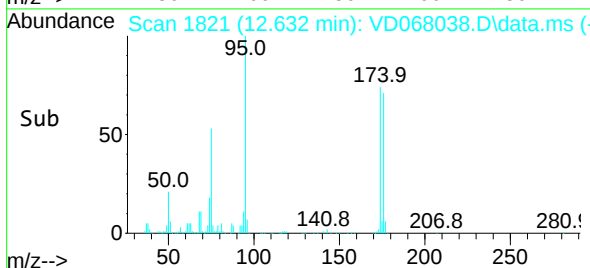
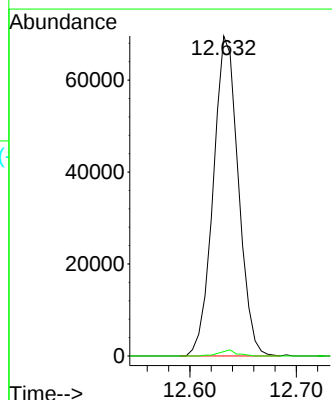
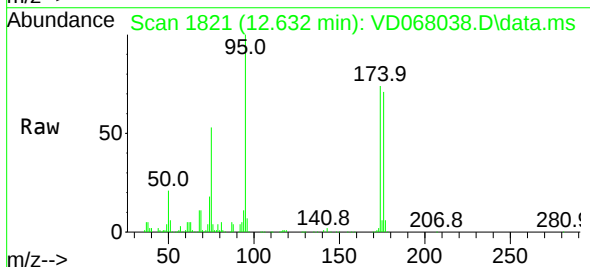
Instrument :
MSVOA_D
ClientSampled :
TP-12

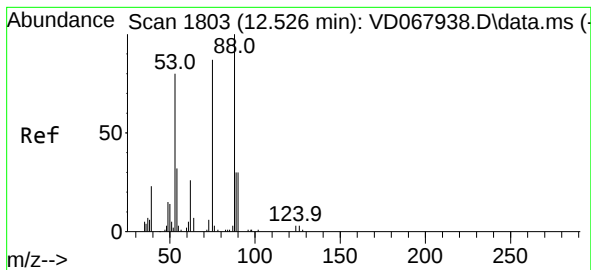
Tgt Ion:152 Resp: 220419
Ion Ratio Lower Upper
152 100
115 61.2 29.3 88.0
150 157.3 0.0 340.0



#76
1,2,3-Trichloropropane
Concen: 61.29 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068038.D
Acq: 07 Jan 2021 17:01

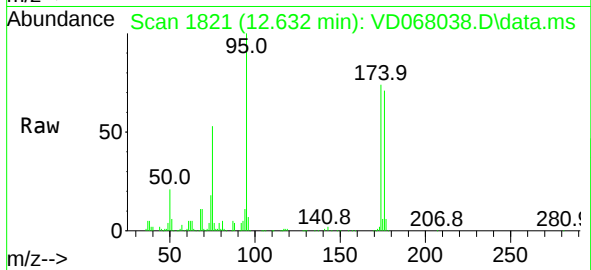
Tgt Ion: 75 Resp: 113750
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.64 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068038.D
 Acq: 07 Jan 2021 17:01

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-12



Tgt Ion: 75 Resp: 113750
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.9 112.3#
 89 0.0 33.8 50.8#

