

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012021\
 Data File : VD068116.D
 Acq On : 20 Jan 2021 16:40
 Operator : VA/SY
 Sample : M1082-03
 Misc : 6.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BACKFILL-ASHCROFT-02

Quant Time: Jan 20 23:46:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

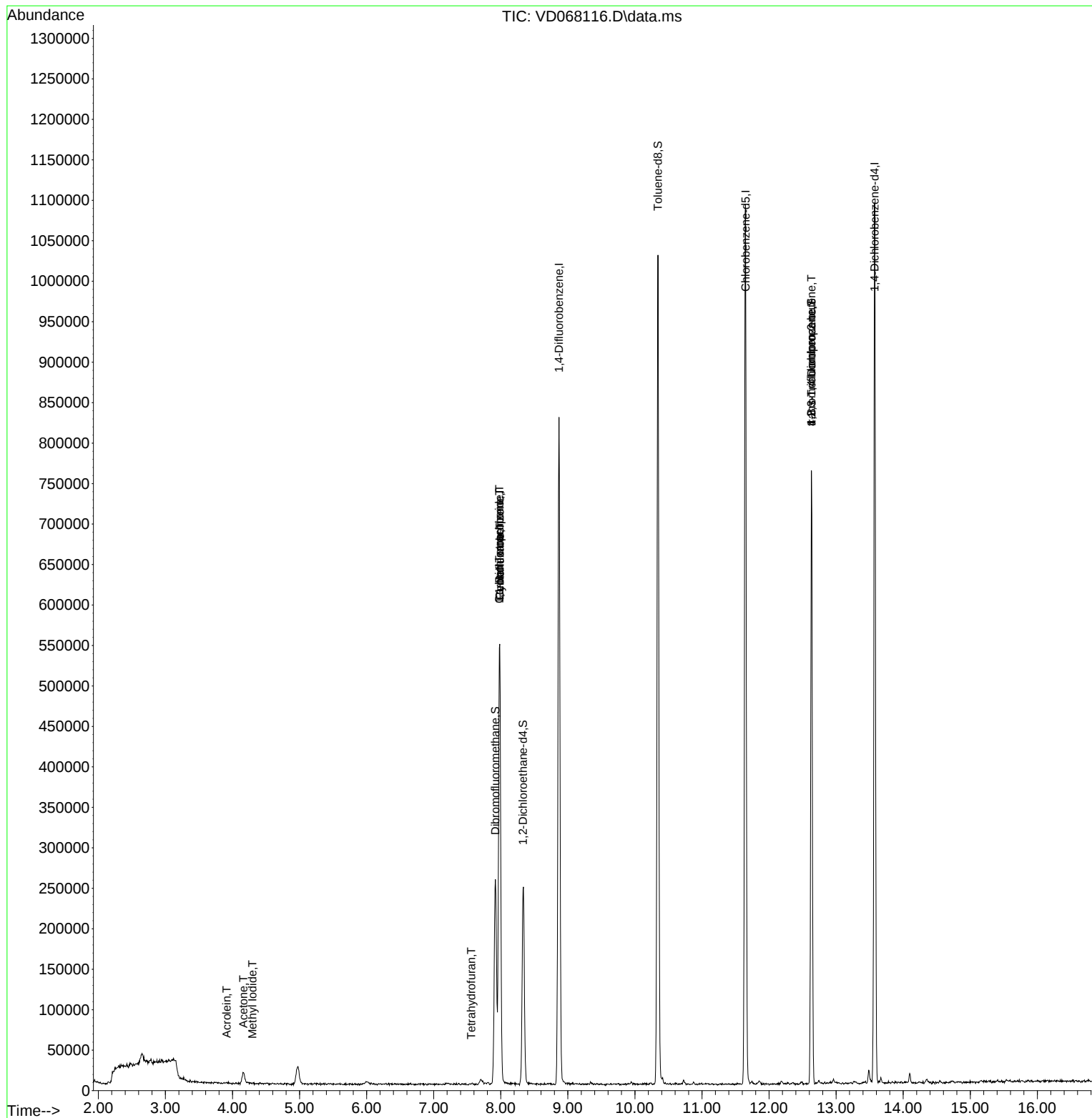
Internal Standards						
1) Pentafluorobenzene	7.985	168	423610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	742560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	655235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	290222	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	201724	49.78	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.56%		
35) Dibromofluoromethane	7.920	113	191130	46.56	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.12%		
50) Toluene-d8	10.344	98	721924	43.96	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	87.92%		
62) 4-Bromofluorobenzene	12.632	95	263192	44.51	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.02%		
Target Compounds						Qvalue
10) Methyl Iodide	4.297	142	229	3.20	ug/l #	38
11) Tert butyl alcohol	5.197	59	232	Below Cal	#	18
13) Acrolein	3.914	56	484	1.52	ug/l #	53
16) Acetone	4.161	43	23833	32.94	ug/l	89
20) Methylene Chloride	4.973	84	18264	Below Cal	#	85
29) Tetrahydrofuran	7.561	42	1113	1.58	ug/l #	52
31) Cyclohexane	7.985	56	10557	1.20	ug/l #	24
36) 1,1-Dichloropropene	7.979	75	33295	4.45	ug/l #	48
38) Carbon Tetrachloride	7.979	117	42214	6.02	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	133956	47.74	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	133956	96.60	ug/l #	13

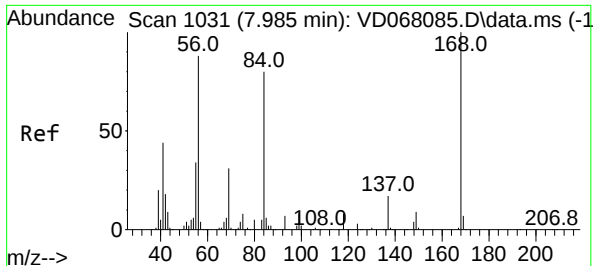
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012021\
Data File : VD068116.D
Acq On : 20 Jan 2021 16:40
Operator : VA/SY
Sample : M1082-03
Misc : 6.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BACKFILL-ASHCROFT-02

Quant Time: Jan 20 23:46:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

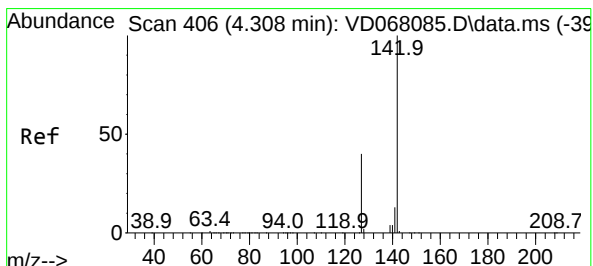
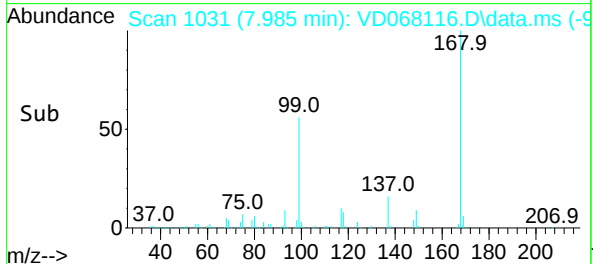
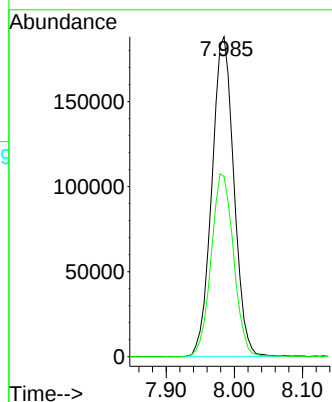
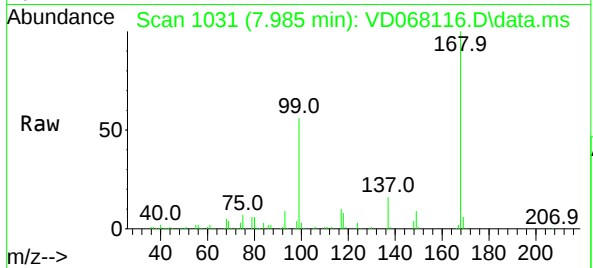




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068116.D
Acq: 20 Jan 2021 16:40

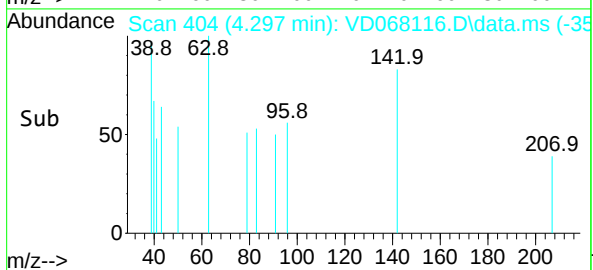
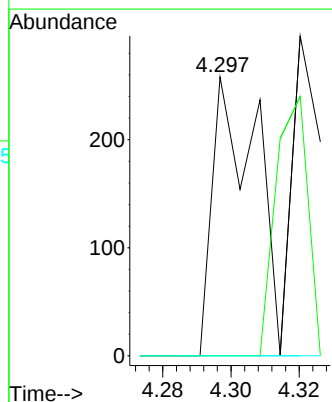
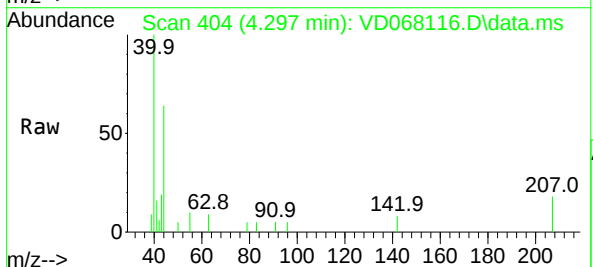
Instrument :
MSVOA_D
ClientSampleId :
BACKFILL-ASHCROFT-02

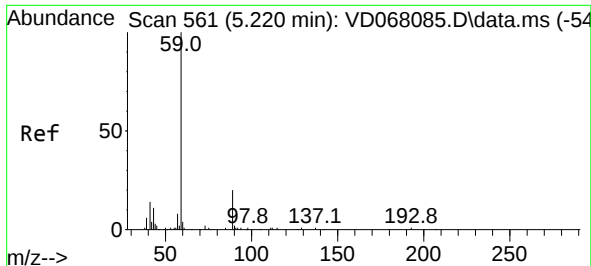
Tgt Ion:168 Resp: 423610
Ion Ratio Lower Upper
168 100
99 56.3 43.5 65.3



#10
Methyl Iodide
Concen: 3.20 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068116.D
Acq: 20 Jan 2021 16:40

Tgt Ion:142 Resp: 229
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

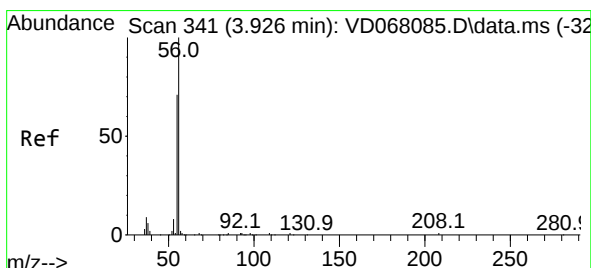
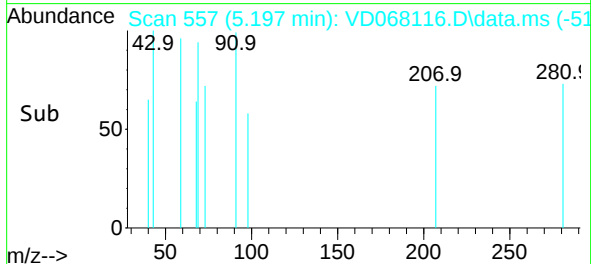
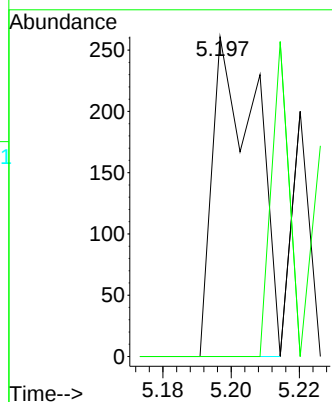
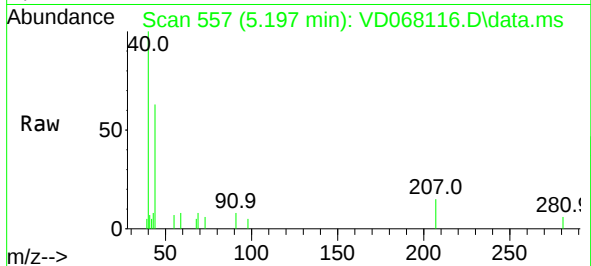




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.197 min Scan# 557
Delta R.T. -0.023 min
Lab File: VD068116.D
Acq: 20 Jan 2021 16:40

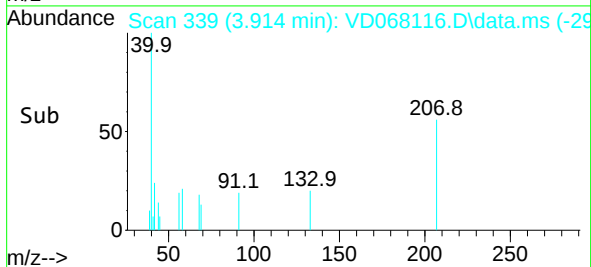
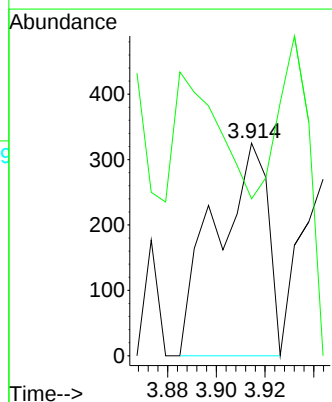
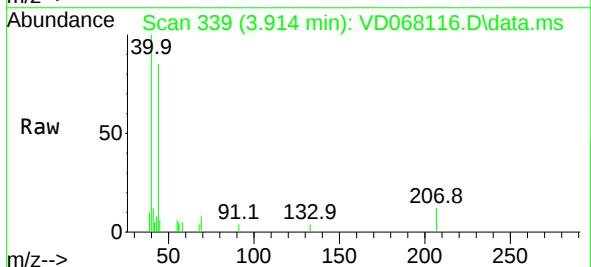
Instrument :
MSVOA_D
ClientSampleId :
BACKFILL-ASHCROFT-02

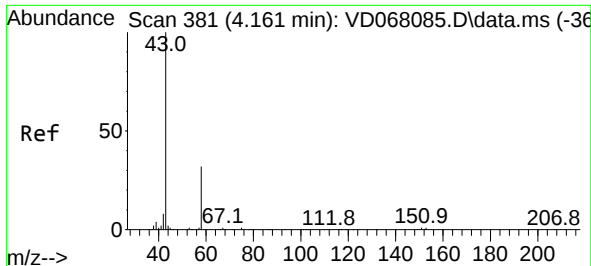
Tgt Ion: 59 Resp: 232
Ion Ratio Lower Upper
59 100
57 39.2 7.4 11.2#



#13
Acrolein
Concen: 1.52 ug/l
RT: 3.914 min Scan# 339
Delta R.T. -0.012 min
Lab File: VD068116.D
Acq: 20 Jan 2021 16:40

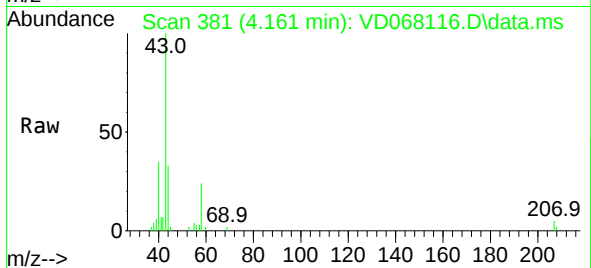
Tgt Ion: 56 Resp: 484
Ion Ratio Lower Upper
56 100
55 109.7 56.5 84.7#



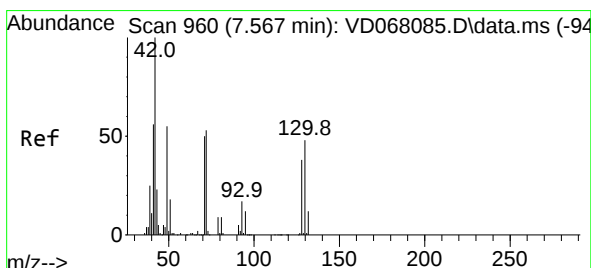
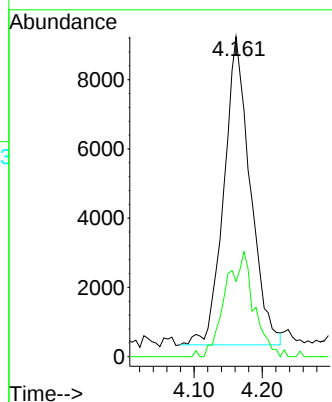
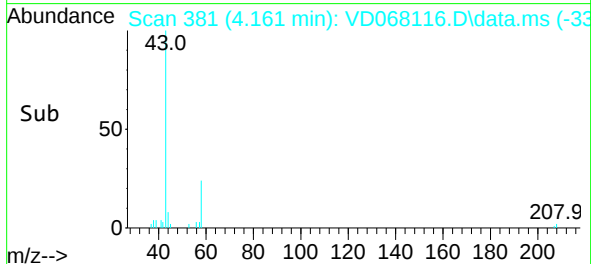


#16
Acetone
Concen: 32.94 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068116.D
Acq: 20 Jan 2021 16:40

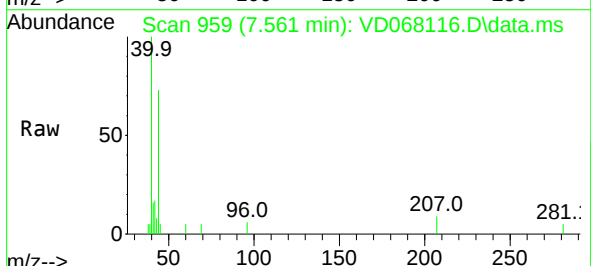
Instrument :
MSVOA_D
ClientSampleId :
BACKFILL-ASHCROFT-02



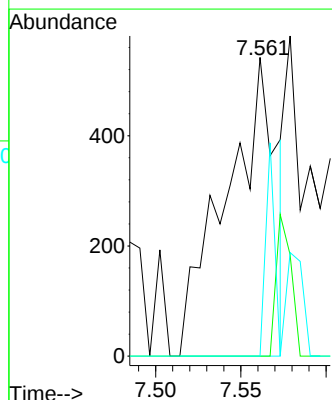
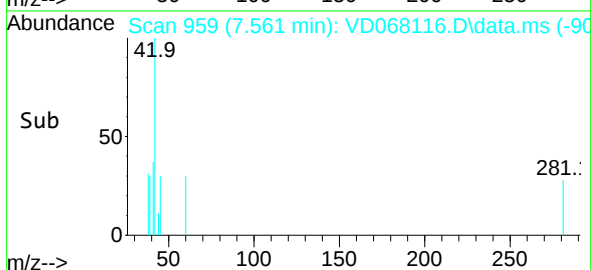
Tgt Ion: 43 Resp: 23833
Ion Ratio Lower Upper
43 100
58 24.4 24.2 36.4

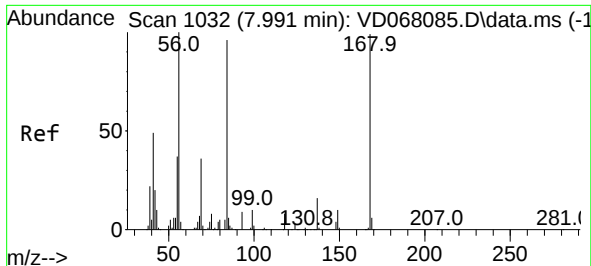


#29
Tetrahydrofuran
Concen: 1.58 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.006 min
Lab File: VD068116.D
Acq: 20 Jan 2021 16:40



Tgt Ion: 42 Resp: 1113
Ion Ratio Lower Upper
42 100
72 14.0 43.4 65.0#
71 23.7 40.8 61.2#

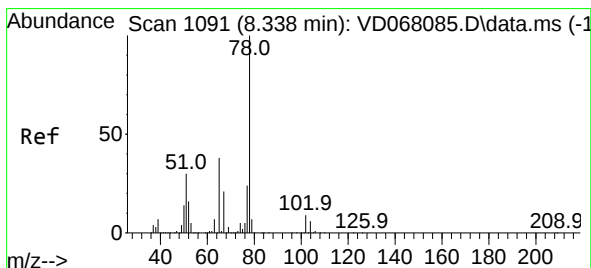
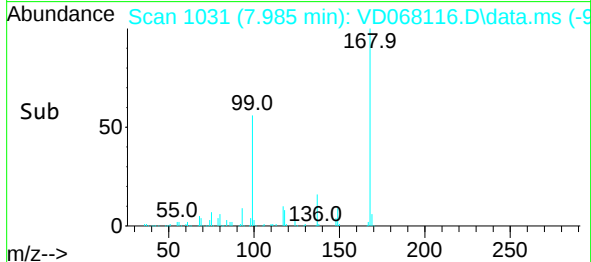
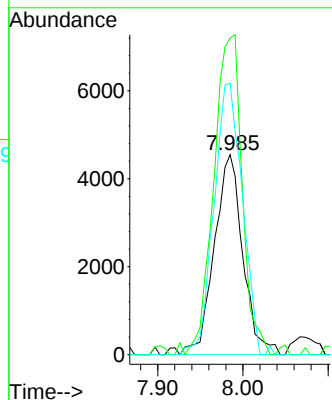
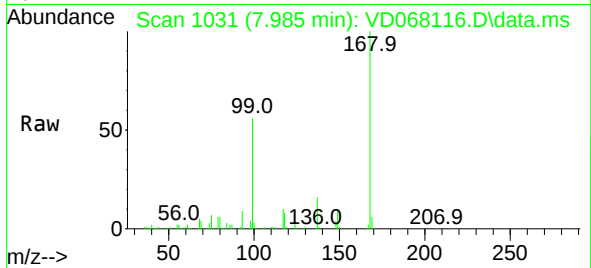




#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068116.D
Acq: 20 Jan 2021 16:40

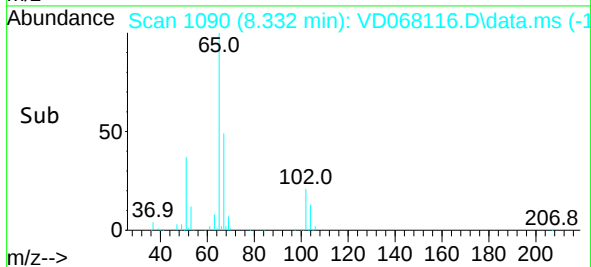
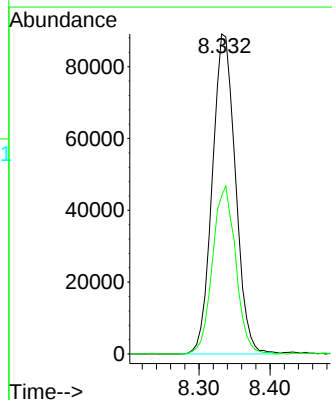
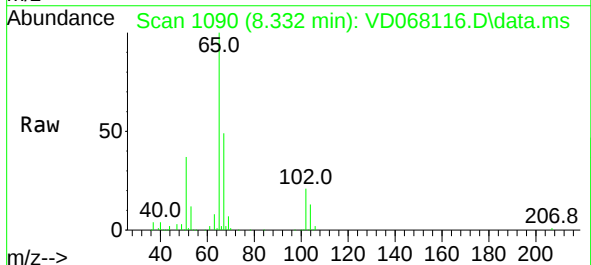
Instrument :
MSVOA_D
ClientSampleId :
BACKFILL-ASHCROFT-02

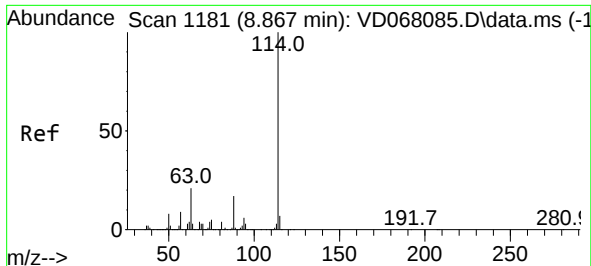
Tgt Ion: 56 Resp: 10557
Ion Ratio Lower Upper
56 100
69 154.8 30.1 45.1#
84 135.8 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 49.78 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068116.D
Acq: 20 Jan 2021 16:40

Tgt Ion: 65 Resp: 201724
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.0

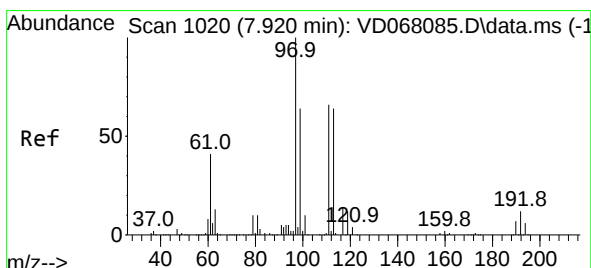
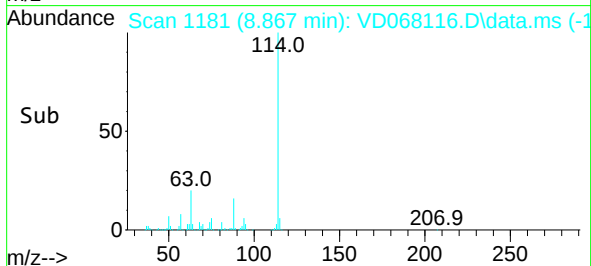
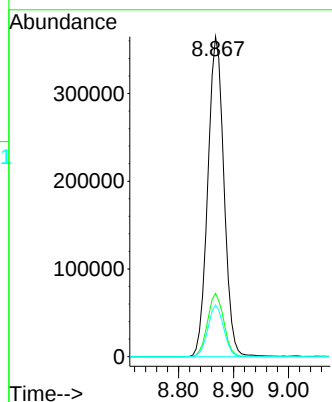
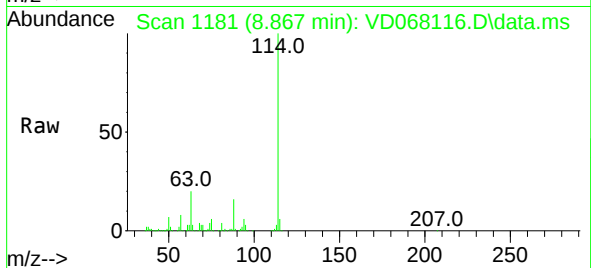




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068116.D
Acq: 20 Jan 2021 16:40

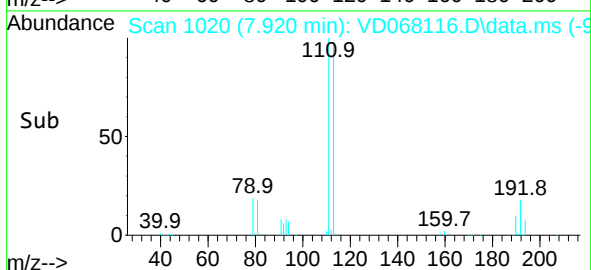
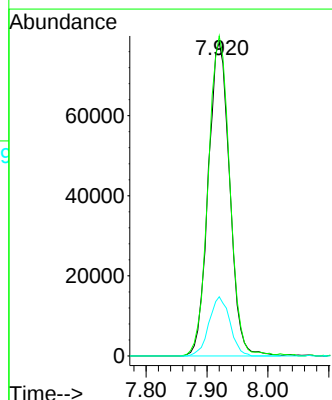
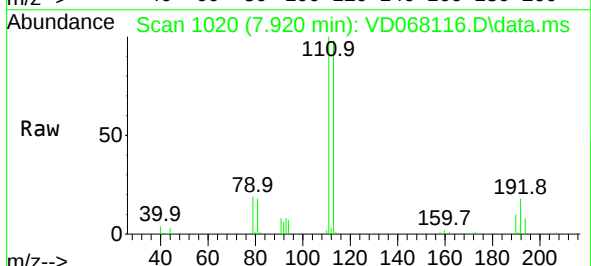
Instrument :
MSVOA_D
ClientSampleId :
BACKFILL-ASHCROFT-02

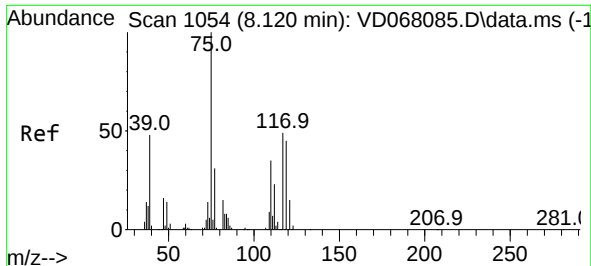
Tgt Ion:114 Resp: 742560
Ion Ratio Lower Upper
114 100
63 19.8 0.0 34.8
88 16.1 0.0 31.6



#35
Dibromofluoromethane
Concen: 46.56 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068116.D
Acq: 20 Jan 2021 16:40

Tgt Ion:113 Resp: 191130
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 18.4 16.1 24.1

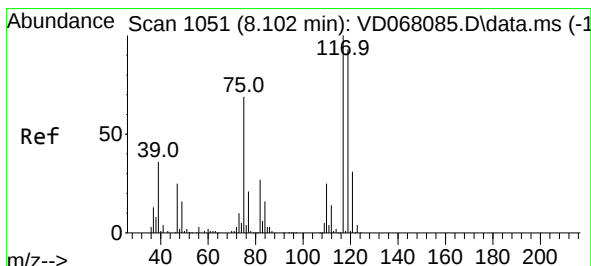
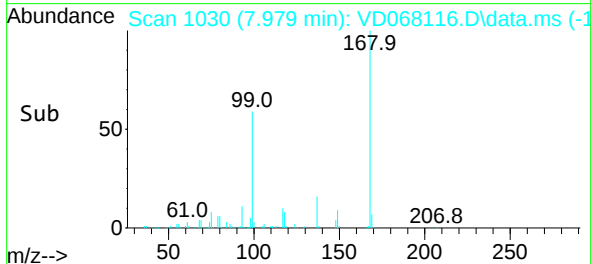
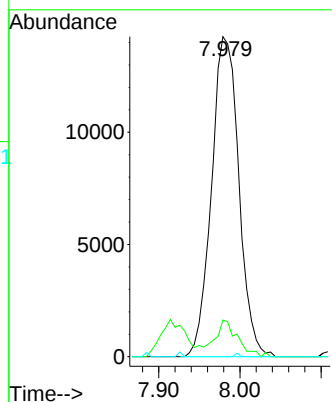
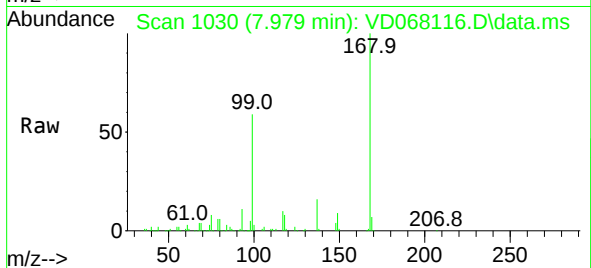




#36
1,1-Dichloropropene
Concen: 4.45 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.141 min
Lab File: VD068116.D
Acq: 20 Jan 2021 16:40

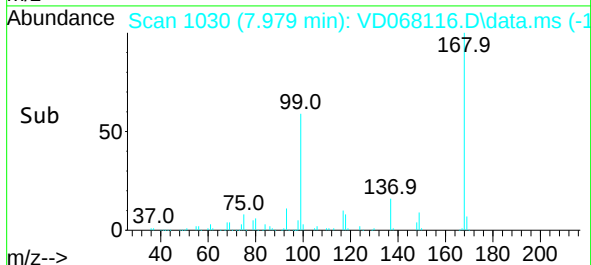
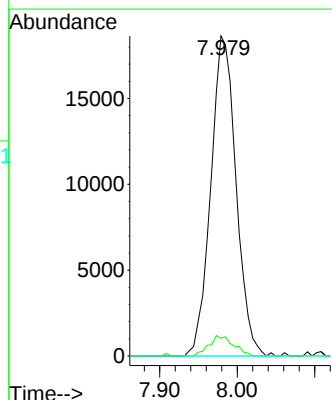
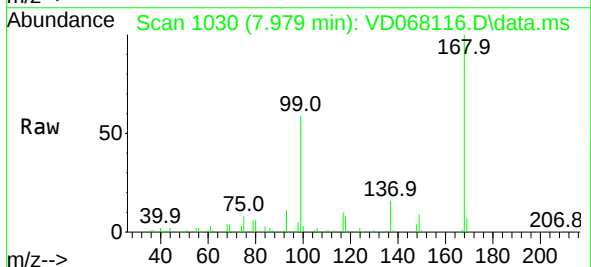
Instrument :
MSVOA_D
ClientSampleId :
BACKFILL-ASHCROFT-02

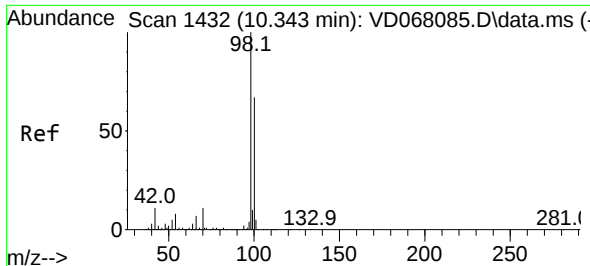
Tgt Ion: 75 Resp: 33295
Ion Ratio Lower Upper
75 100
110 9.3 19.4 58.2#
77 0.2 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.02 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068116.D
Acq: 20 Jan 2021 16:40

Tgt Ion: 117 Resp: 42214
Ion Ratio Lower Upper
117 100
119 5.6 77.3 115.9#
121 0.0 24.7 37.1#

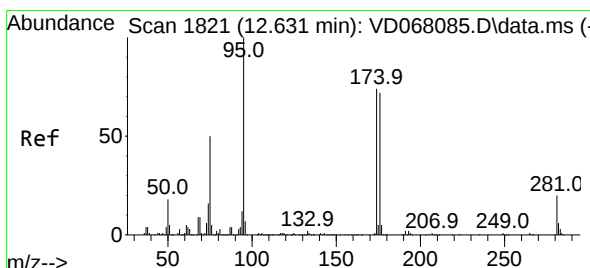
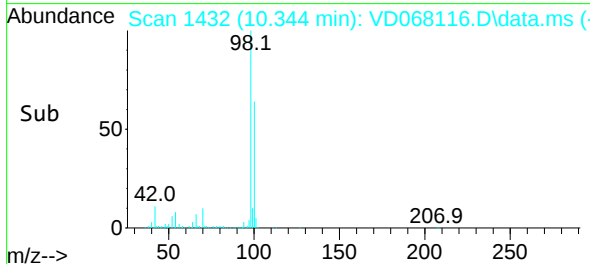
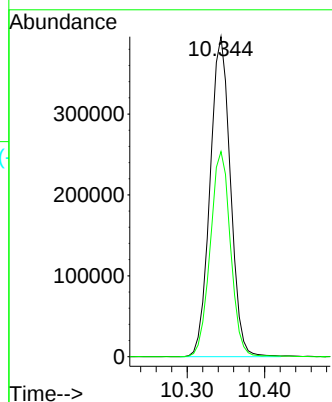
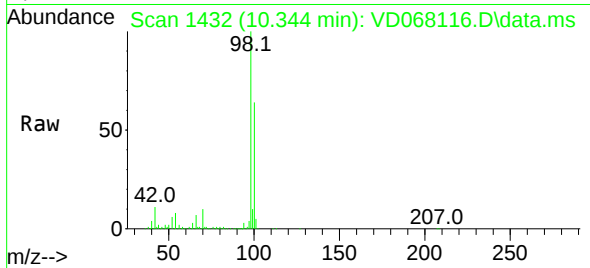




#50
Toluene-d8
Concen: 43.96 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068116.D
Acq: 20 Jan 2021 16:40

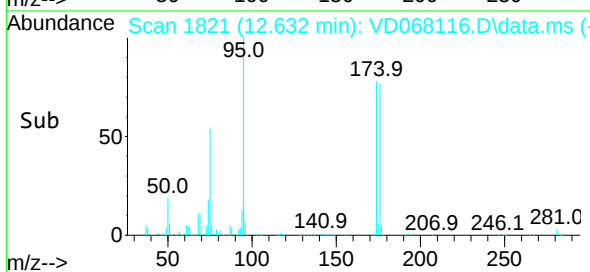
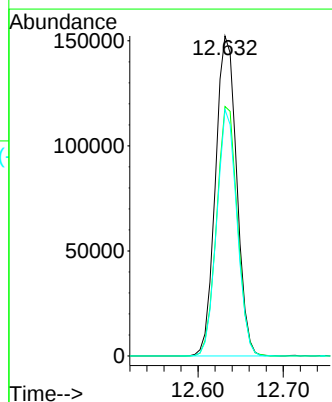
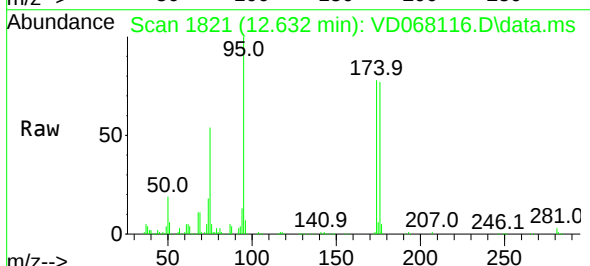
Instrument :
MSVOA_D
ClientSampleId :
BACKFILL-ASHCROFT-02

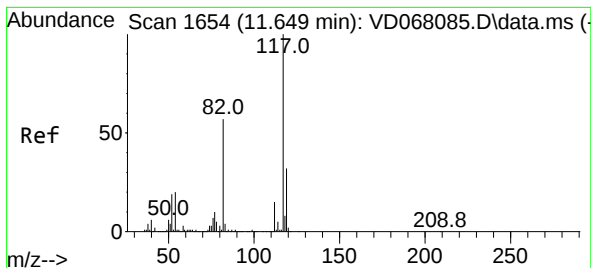
Tgt Ion: 98 Resp: 721924
Ion Ratio Lower Upper
98 100
100 63.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 44.51 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068116.D
Acq: 20 Jan 2021 16:40

Tgt Ion: 95 Resp: 263192
Ion Ratio Lower Upper
95 100
174 76.4 0.0 172.4
176 73.6 0.0 168.4

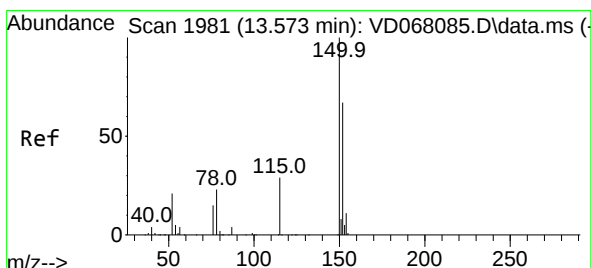
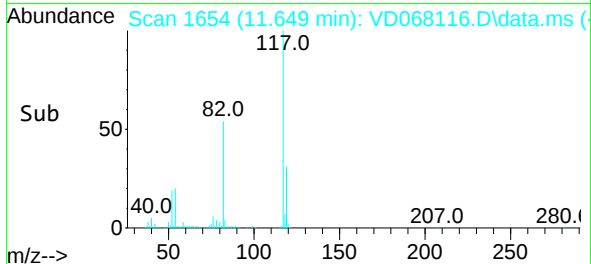
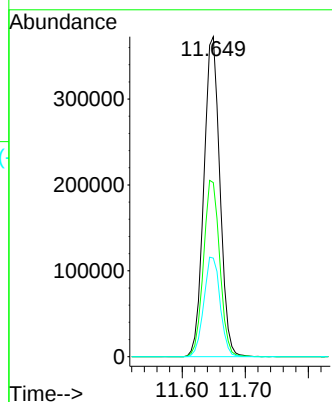
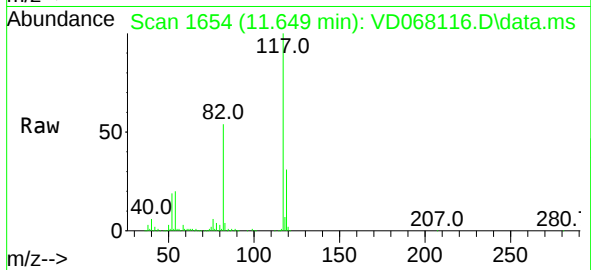




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068116.D
Acq: 20 Jan 2021 16:40

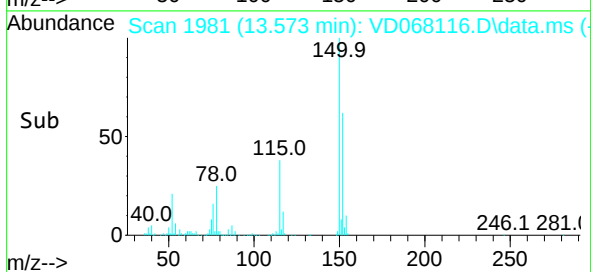
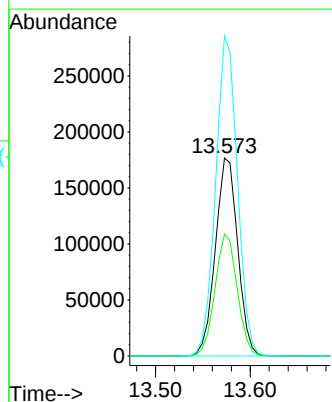
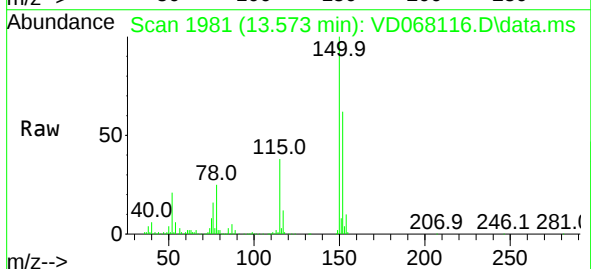
Instrument :
MSVOA_D
ClientSampleId :
BACKFILL-ASHCROFT-02

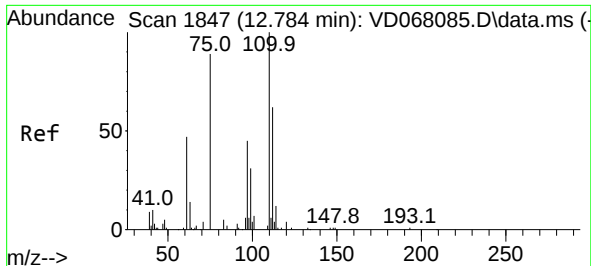
Tgt Ion:117 Resp: 655235
Ion Ratio Lower Upper
117 100
82 54.4 41.4 62.0
119 30.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068116.D
Acq: 20 Jan 2021 16:40

Tgt Ion:152 Resp: 290222
Ion Ratio Lower Upper
152 100
115 61.2 28.9 86.8
150 157.8 0.0 344.4

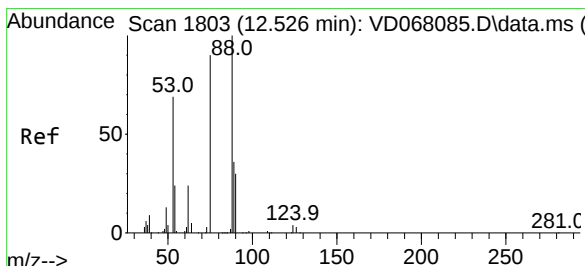
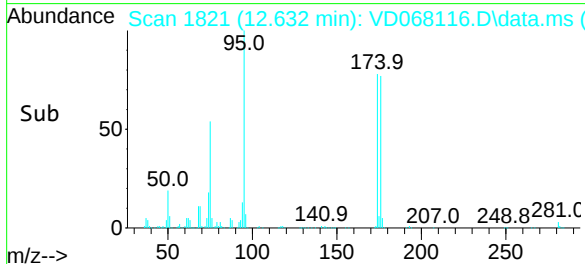
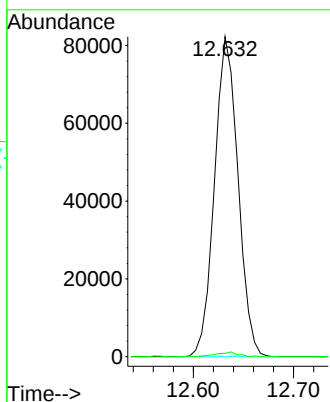
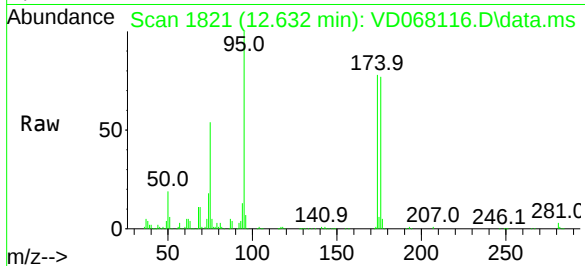




#76
1,2,3-Trichloropropane
Concen: 47.74 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068116.D
Acq: 20 Jan 2021 16:40

Instrument :
MSVOA_D
ClientSampleId :
BACKFILL-ASHCROFT-02

Tgt Ion: 75 Resp: 133956
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.60 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068116.D
Acq: 20 Jan 2021 16:40

Tgt Ion: 75 Resp: 133956
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.1 40.3 60.5#

