

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012021\
 Data File : VD068115.D
 Acq On : 20 Jan 2021 16:13
 Operator : VA/SY
 Sample : M1082-02
 Misc : 6.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BACKFILL-ASHCROFT-01

Quant Time: Jan 20 23:46:18 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	419878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	756374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	675463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	305482	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	209713	52.21	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.42%
35) Dibromofluoromethane	7.920	113	197696	47.28	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.56%
50) Toluene-d8	10.344	98	745352	44.56	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.12%
62) 4-Bromofluorobenzene	12.632	95	272965	45.32	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.64%

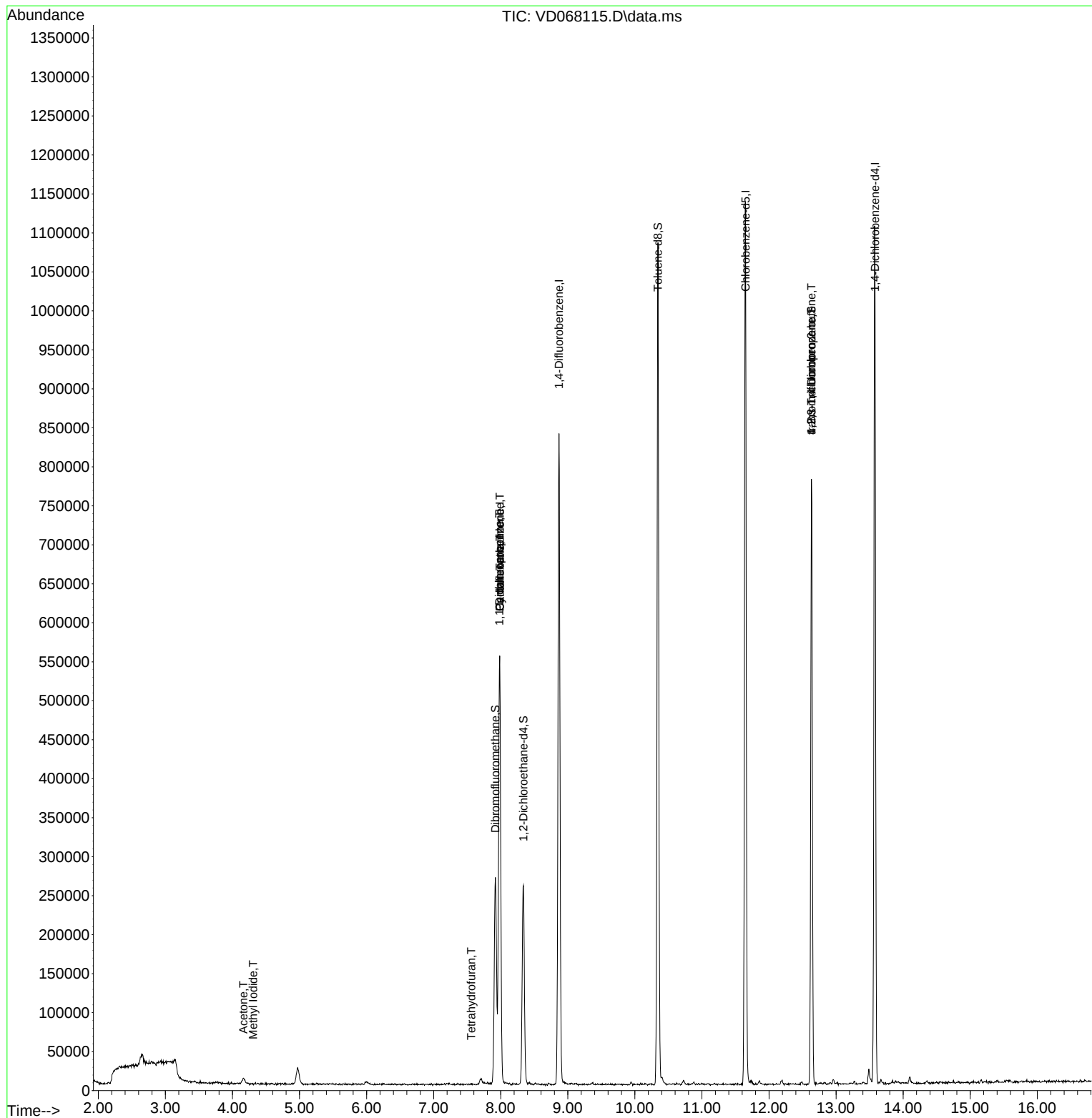
Target Compounds						Qvalue
10) Methyl Iodide	4.309	142	144	3.19	ug/l #	38
11) Tert butyl alcohol	5.203	59	245	Below	Cal #	26
16) Acetone	4.162	43	13875	19.35	ug/l #	86
20) Methylene Chloride	4.973	84	17080	Below	Cal	85
29) Tetrahydrofuran	7.562	42	1395	1.99	ug/l #	29
31) Cyclohexane	7.985	56	9878	1.14	ug/l #	39
36) 1,1-Dichloropropene	7.979	75	32735	4.29	ug/l #	47
38) Carbon Tetrachloride	7.985	117	41778	5.85	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	137649	46.60	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	137649	94.30	ug/l #	13

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

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MSVOA_D
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BACKFILL-ASHCROFT-01

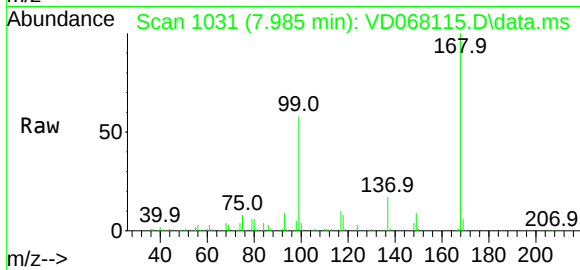
Quant Time: Jan 20 23:46:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
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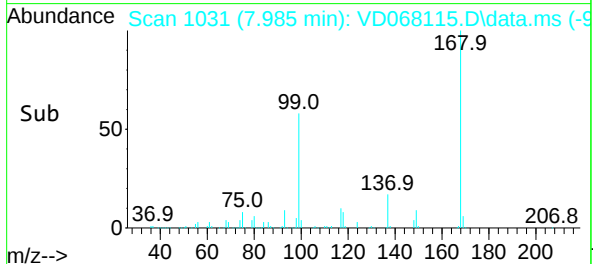
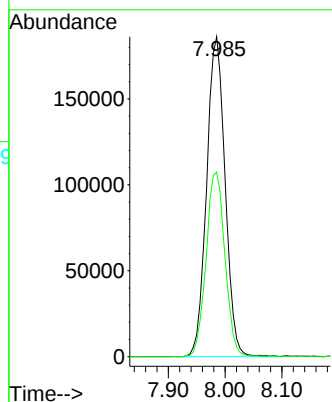


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068115.D
Acq: 20 Jan 2021 16:13

Instrument :
MSVOA_D
ClientSampleId :
BACKFILL-ASHCROFT-01

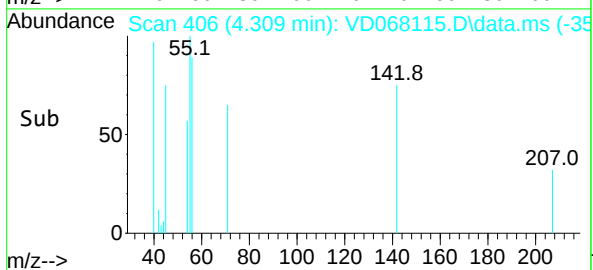
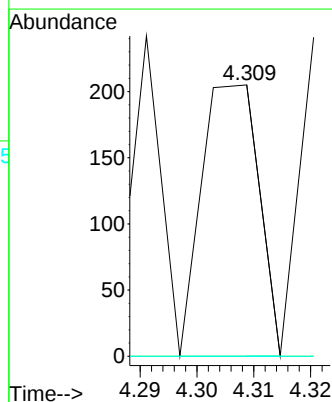
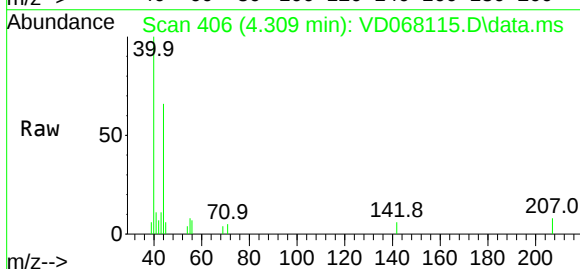


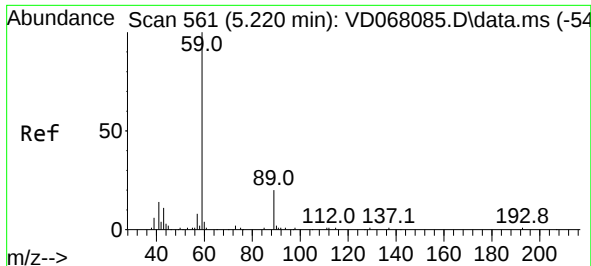
Tgt Ion:168 Resp: 419878
Ion Ratio Lower Upper
168 100
99 57.7 43.5 65.3



#10
Methyl Iodide
Concen: 3.19 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068115.D
Acq: 20 Jan 2021 16:13

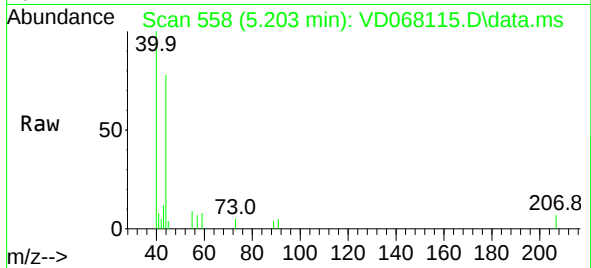
Tgt Ion:142 Resp: 144
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#



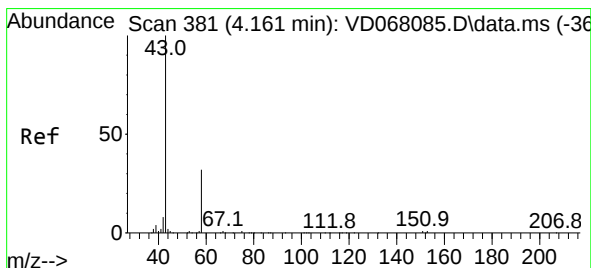
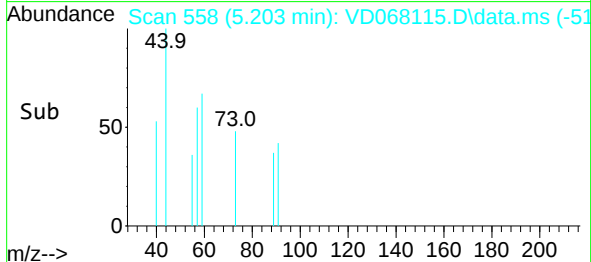
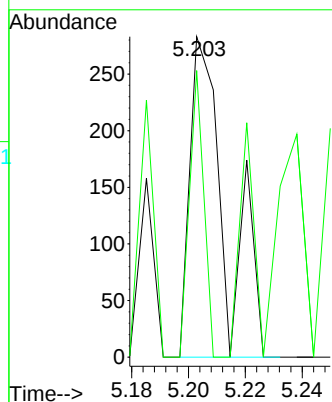


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.203 min Scan# 558
Delta R.T. -0.017 min
Lab File: VD068115.D
Acq: 20 Jan 2021 16:13

Instrument :
MSVOA_D
ClientSampleId :
BACKFILL-ASHCROFT-01

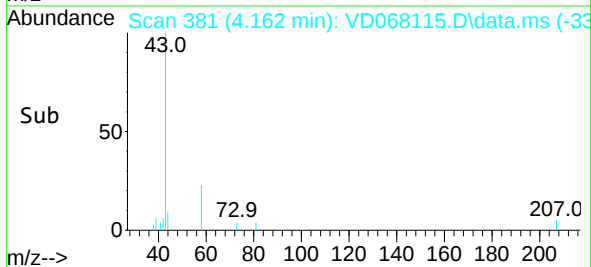
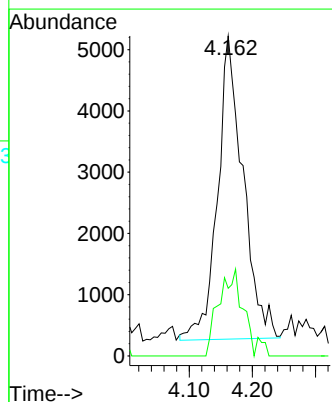
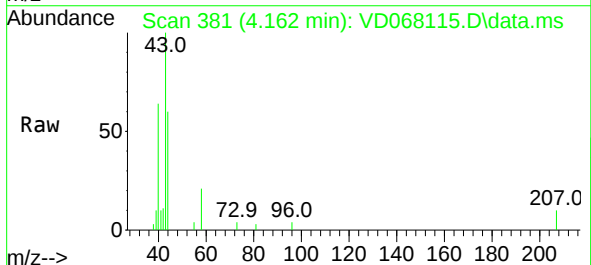


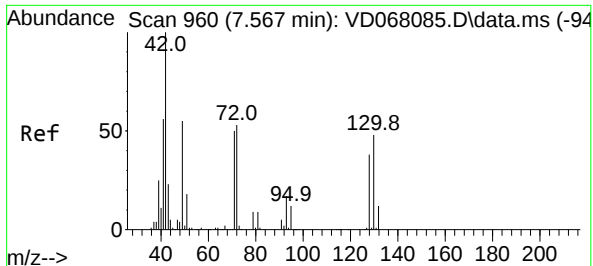
Tgt Ion: 59 Resp: 245
Ion Ratio Lower Upper
59 100
57 36.3 7.4 11.2#



#16
Acetone
Concen: 19.35 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068115.D
Acq: 20 Jan 2021 16:13

Tgt Ion: 43 Resp: 13875
Ion Ratio Lower Upper
43 100
58 22.6 24.2 36.4#





#29

Tetrahydrofuran

Concen: 1.99 ug/l

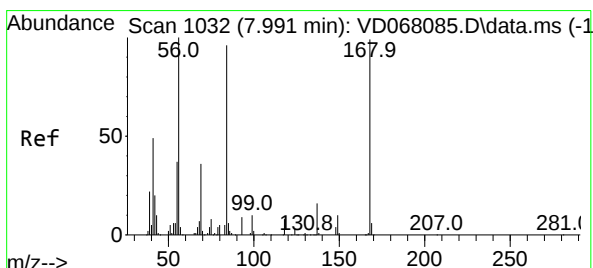
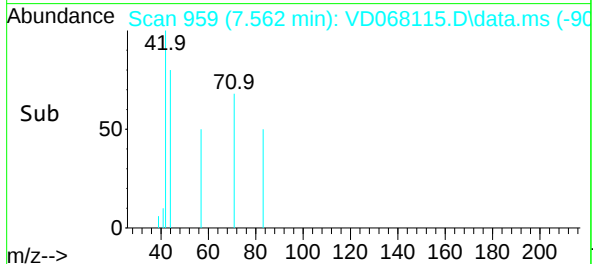
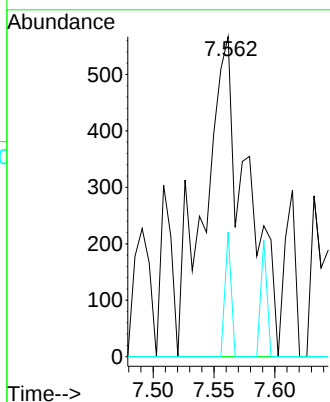
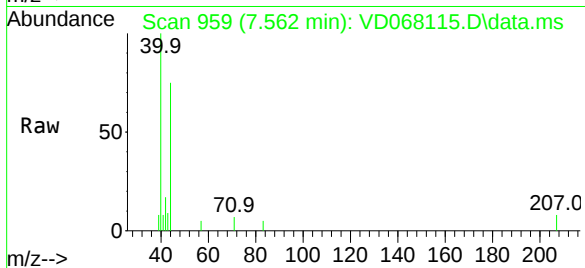
RT: 7.562 min Scan# 959

Delta R.T. -0.005 min

Lab File: VD068115.D

Acq: 20 Jan 2021 16:13

Tgt Ion:	42	Resp:	1395
Ion Ratio	Lower	Upper	
42	100		
72	0.0	43.4	65.0#
71	5.6	40.8	61.2#



#31

Cyclohexane

Concen: 1.14 ug/l

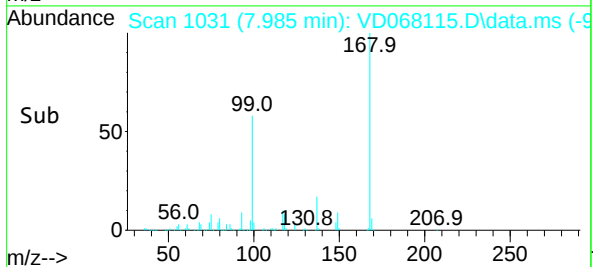
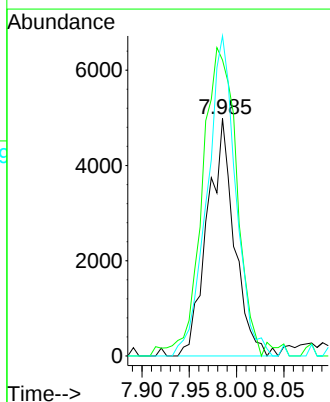
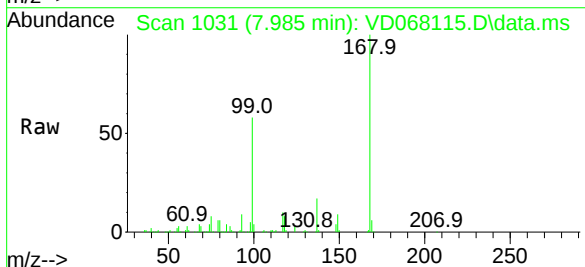
RT: 7.985 min Scan# 1031

Delta R.T. -0.005 min

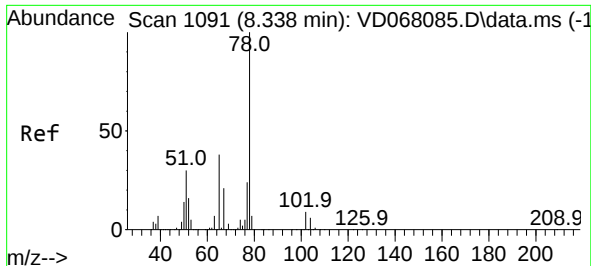
Lab File: VD068115.D

Acq: 20 Jan 2021 16:13

Tgt Ion:	56	Resp:	9878
Ion Ratio	Lower	Upper	
56	100		
69	121.1	30.1	45.1#
84	134.8	82.1	123.1#



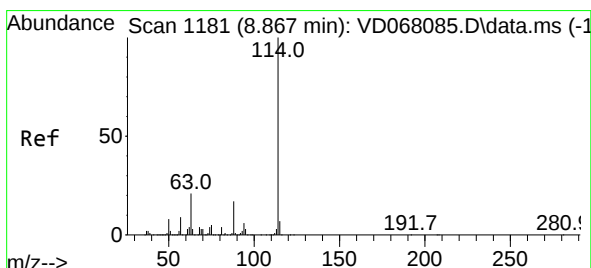
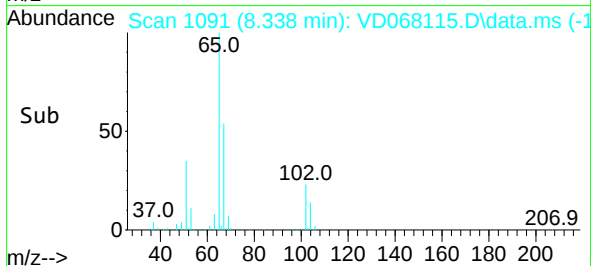
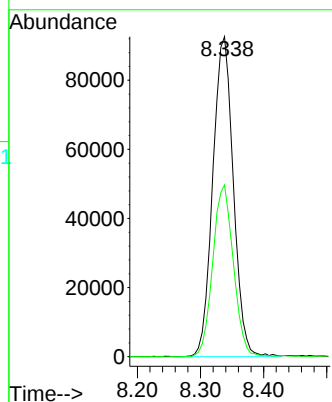
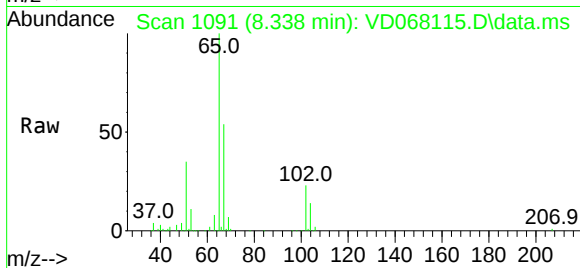
Instrument :
MSVOA_D
ClientSampleId :
BACKFILL-ASHCROFT-01



#33
 1,2-Dichloroethane-d4
 Concen: 52.21 ug/l
 RT: 8.338 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VD068115.D
 Acq: 20 Jan 2021 16:13

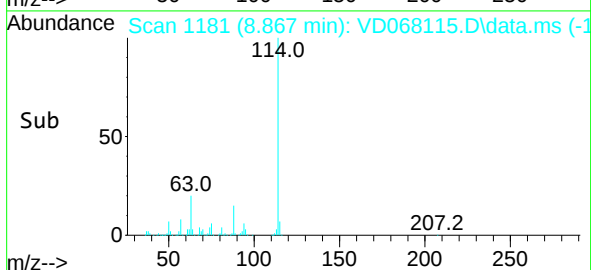
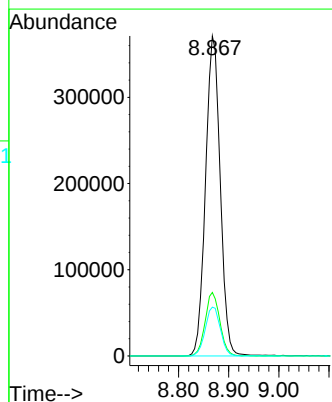
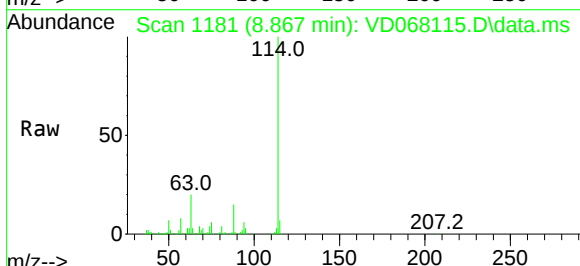
Instrument :
 MSVOA_D
 ClientSampleId :
 BACKFILL-ASHCROFT-01

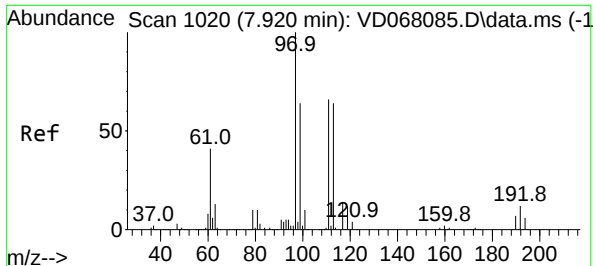
Tgt Ion: 65 Resp: 209713
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD068115.D
 Acq: 20 Jan 2021 16:13

Tgt Ion: 114 Resp: 756374
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 34.8
 88 15.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.28 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068115.D

Acq: 20 Jan 2021 16:13

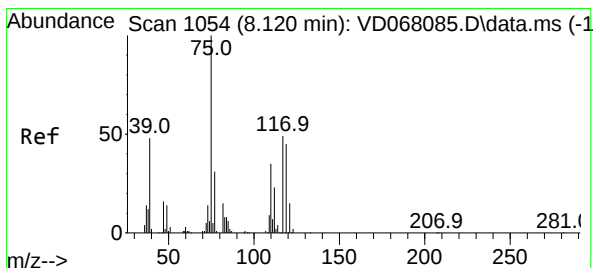
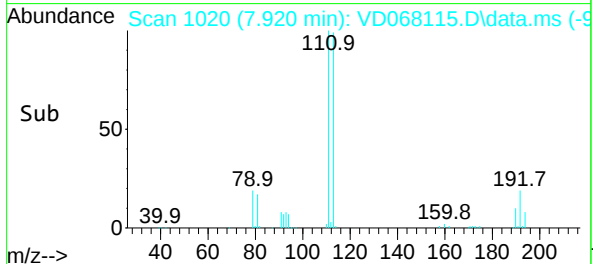
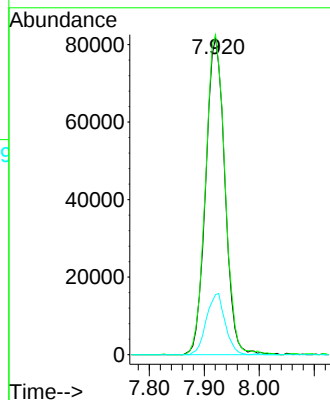
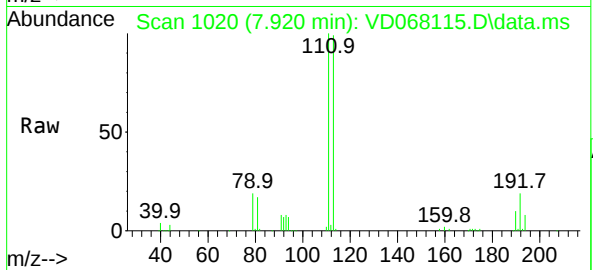
Tgt Ion:113 Resp: 197696

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 18.9 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.29 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.141 min

Lab File: VD068115.D

Acq: 20 Jan 2021 16:13

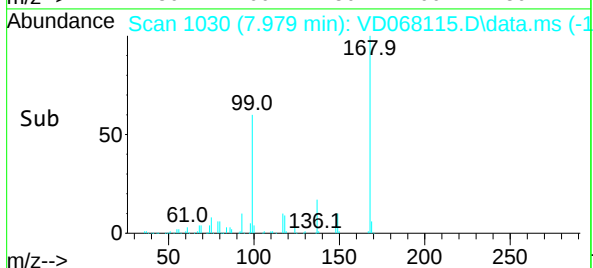
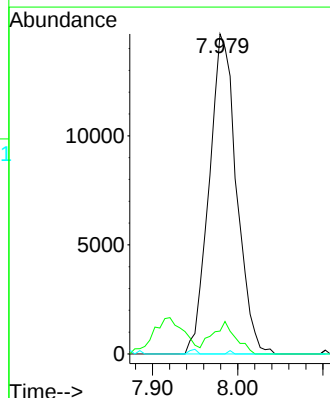
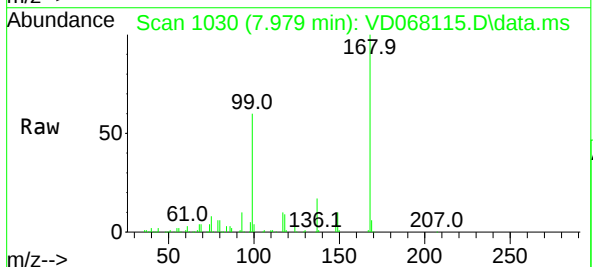
Tgt Ion: 75 Resp: 32735

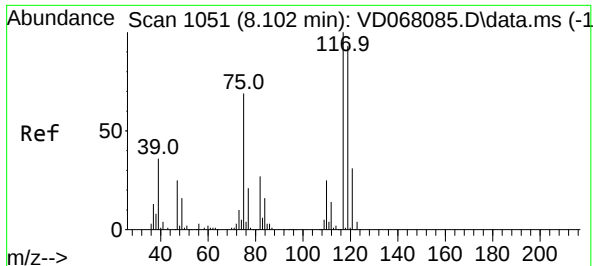
Ion Ratio Lower Upper

75 100

110 8.7 19.4 58.2#

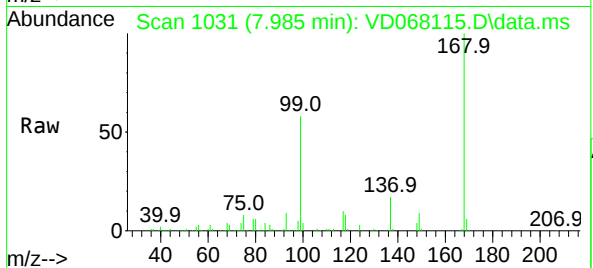
77 0.2 25.3 37.9#



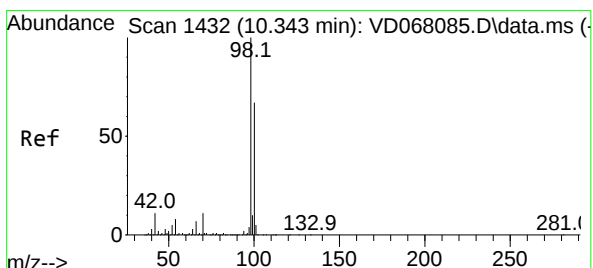
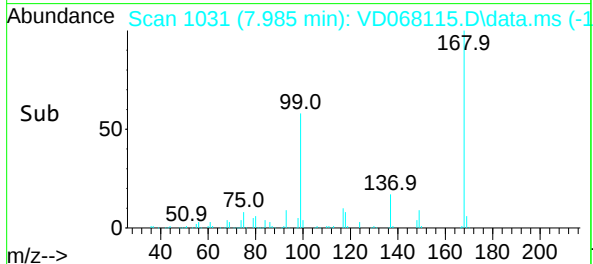
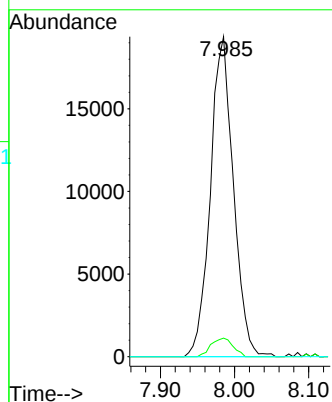


#38
Carbon Tetrachloride
Concen: 5.85 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068115.D
Acq: 20 Jan 2021 16:13

Instrument :
MSVOA_D
ClientSampleId :
BACKFILL-ASHCROFT-01

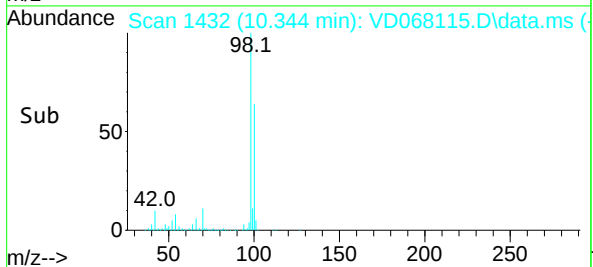
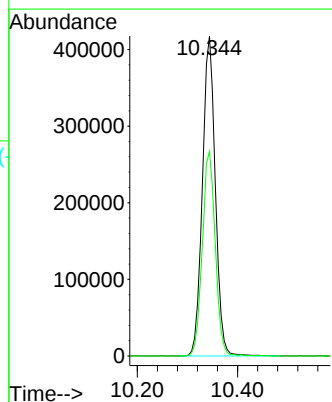
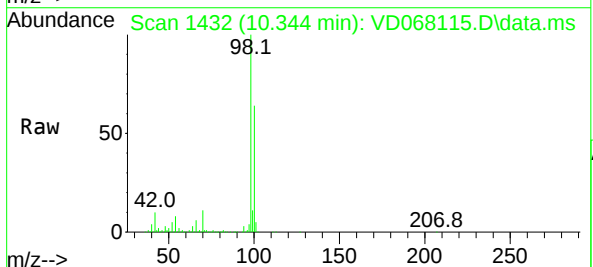


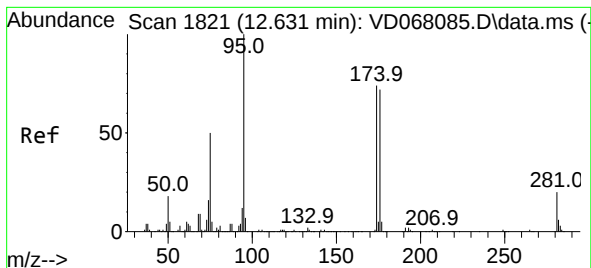
Tgt Ion:117 Resp: 41778
Ion Ratio Lower Upper
117 100
119 5.8 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 44.56 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068115.D
Acq: 20 Jan 2021 16:13

Tgt Ion: 98 Resp: 745352
Ion Ratio Lower Upper
98 100
100 64.3 53.0 79.4

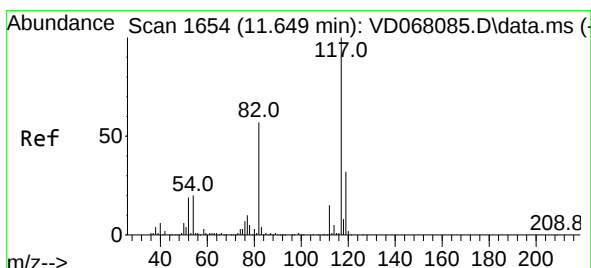
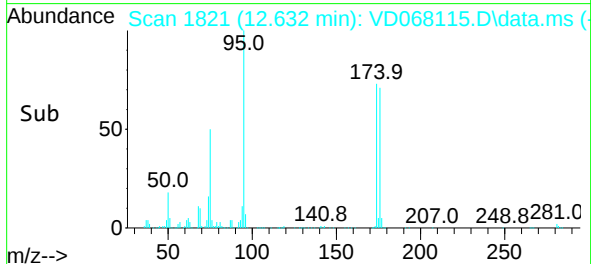
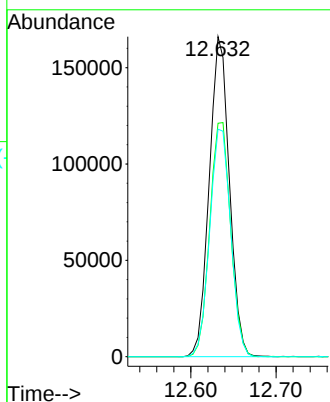
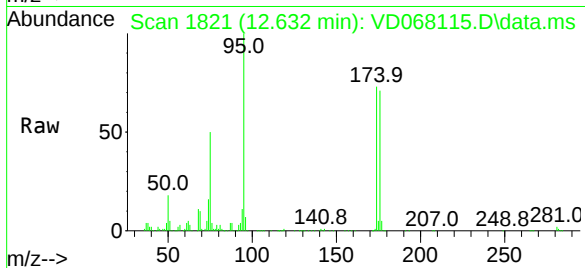




#62
4-Bromofluorobenzene
Concen: 45.32 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068115.D
Acq: 20 Jan 2021 16:13

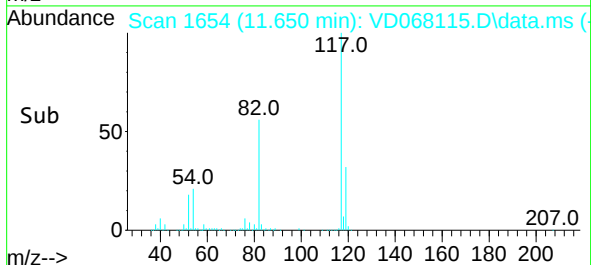
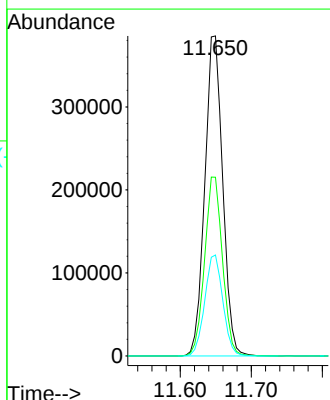
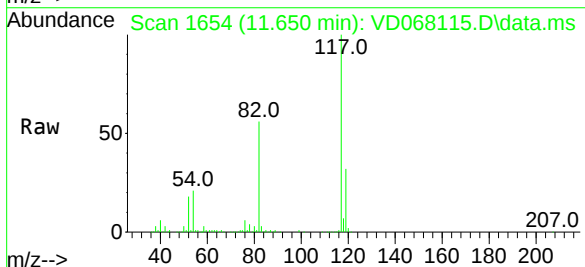
Instrument :
MSVOA_D
ClientSampleId :
BACKFILL-ASHCROFT-01

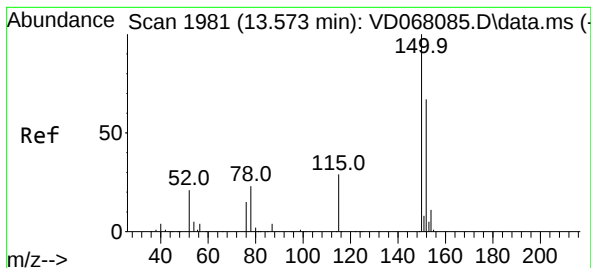
Tgt Ion: 95 Resp: 272965
Ion Ratio Lower Upper
95 100
174 75.8 0.0 172.4
176 73.9 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.001 min
Lab File: VD068115.D
Acq: 20 Jan 2021 16:13

Tgt Ion: 117 Resp: 675463
Ion Ratio Lower Upper
117 100
82 55.8 41.4 62.0
119 31.5 26.1 39.1

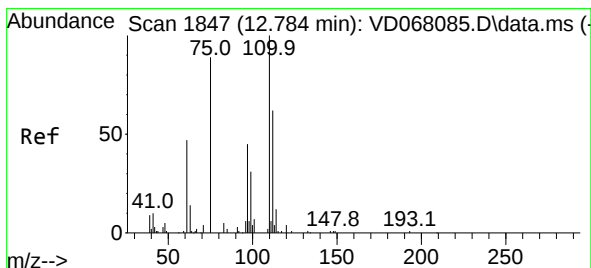
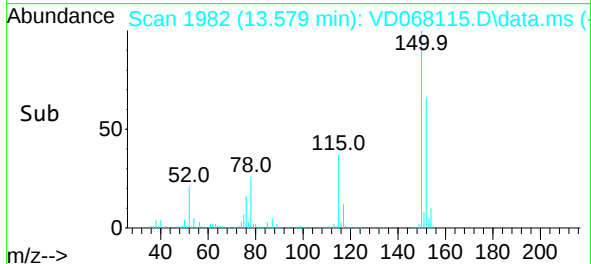
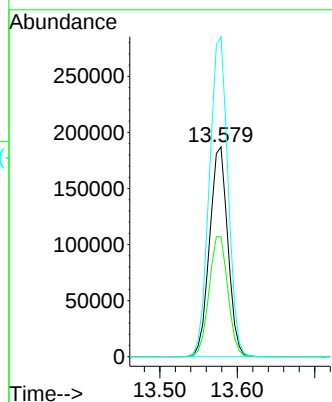
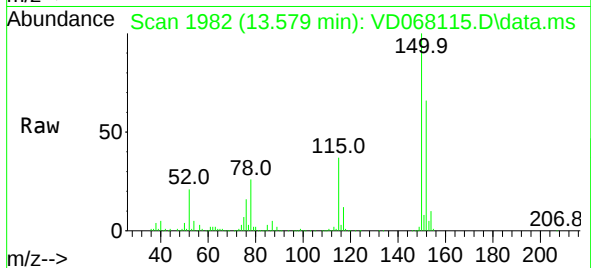




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068115.D
Acq: 20 Jan 2021 16:13

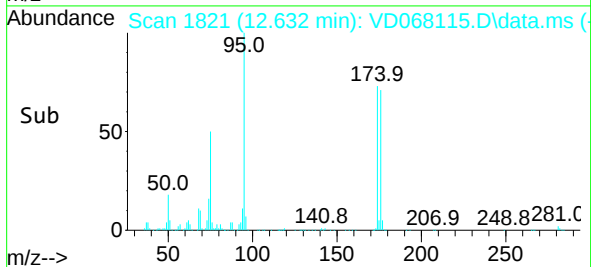
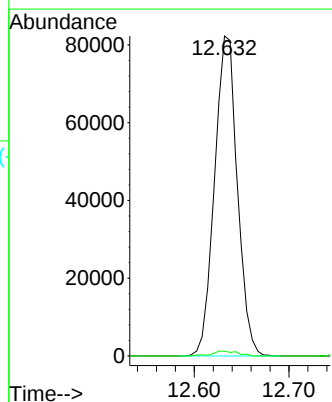
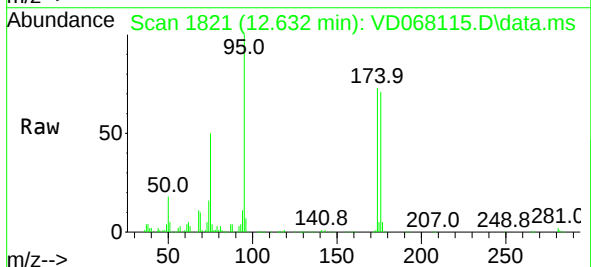
Instrument :
MSVOA_D
ClientSampleId :
BACKFILL-ASHCROFT-01

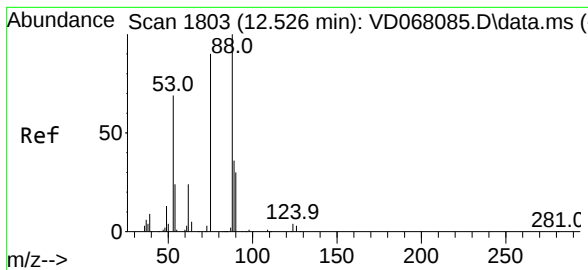
Tgt Ion:152 Resp: 305482
Ion Ratio Lower Upper
152 100
115 58.9 28.9 86.8
150 155.4 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 46.60 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068115.D
Acq: 20 Jan 2021 16:13

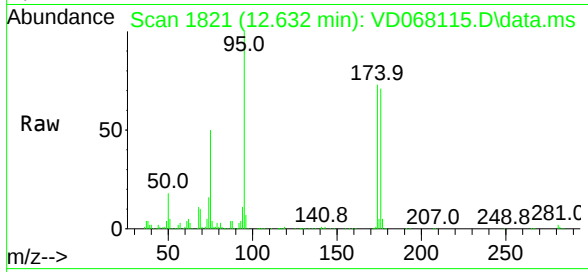
Tgt Ion: 75 Resp: 137649
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.30 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068115.D
 Acq: 20 Jan 2021 16:13

Instrument :
 MSVOA_D
 ClientSampleId :
 BACKFILL-ASHCROFT-01



Tgt Ion: 75 Resp: 137649
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.1 40.3 60.5#

