

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010421\
 Data File : VD067990.D
 Acq On : 04 Jan 2021 12:54
 Operator : VA/SY
 Sample : L5249-01
 Misc : 6.28G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-03-123120

Quant Time: Jan 05 00:08:41 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)

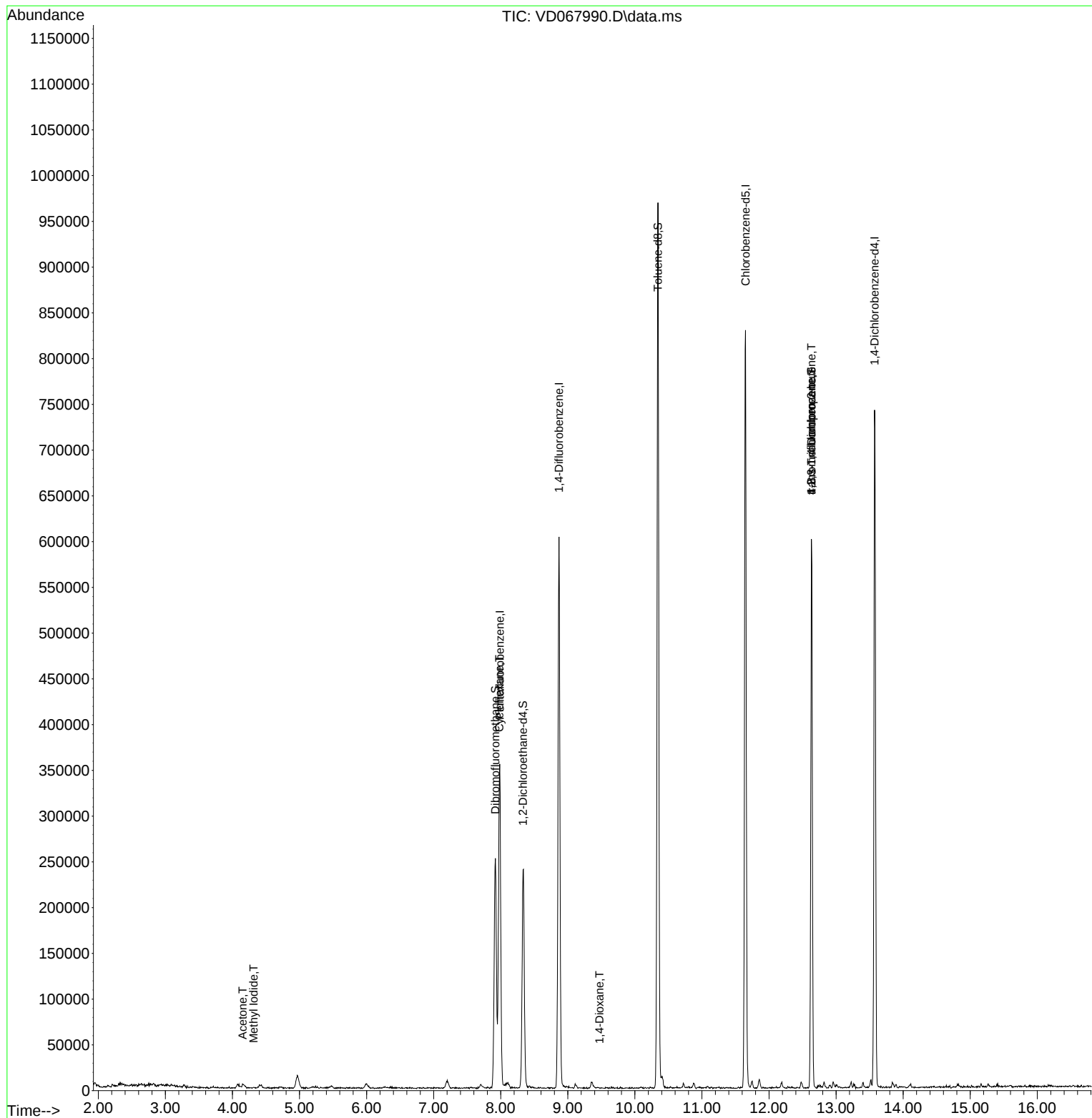
Internal Standards						
1) Pentafluorobenzene	7.985	168	250743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	504197	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	467221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	196234	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	188328	69.55	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 139.10%			
35) Dibromofluoromethane	7.920	113	180577	56.84	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.68%			
50) Toluene-d8	10.344	98	644461	53.97	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.94%			
62) 4-Bromofluorobenzene	12.632	95	196963	48.22	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.44%			
Target Compounds						
5) Bromomethane	2.797	94	1394	Below Cal	#	42
10) Methyl Iodide	4.315	142	1070	4.19 ug/l	#	54
11) Tert butyl alcohol	5.220	59	1179	Below Cal	#	74
16) Acetone	4.150	43	6891	13.33 ug/l	#	84
20) Methylene Chloride	4.973	84	10652	Below Cal		87
31) Cyclohexane	7.979	56	8463	1.53 ug/l	#	23
49) 1,4-Dioxane	9.473	88	55	2.62 ug/l	#	24
76) 1,2,3-Trichloropropane	12.632	75	102211	61.86 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.632	75	102211	126.81 ug/l	#	12

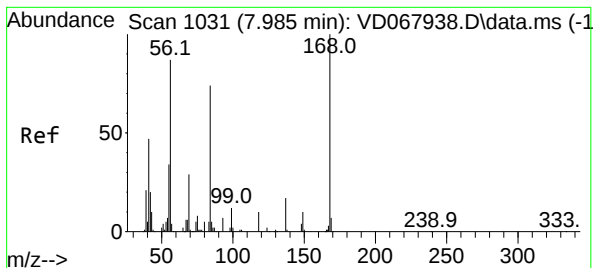
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 05 00:08:41 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

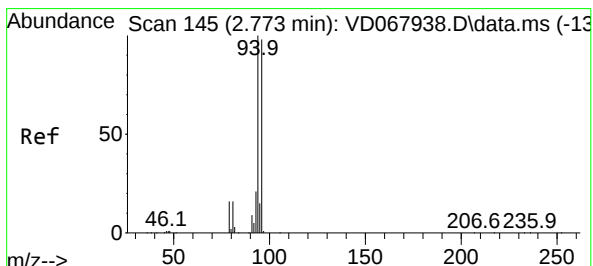
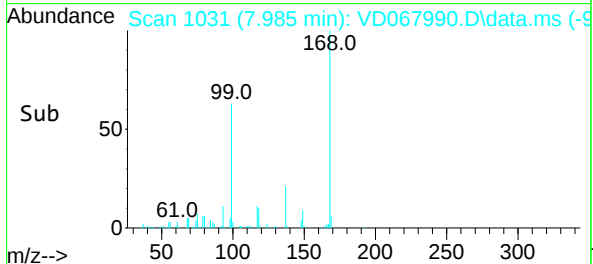
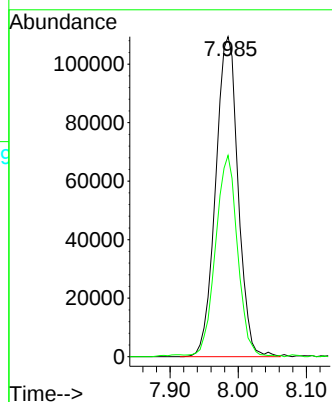
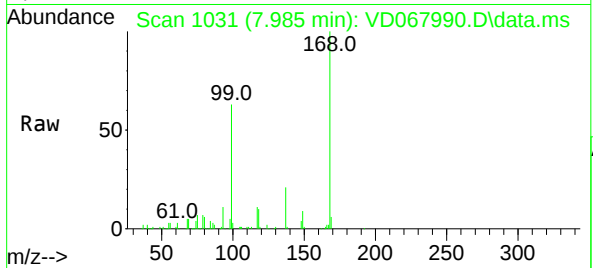




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD067990.D
Acq: 04 Jan 2021 12:54

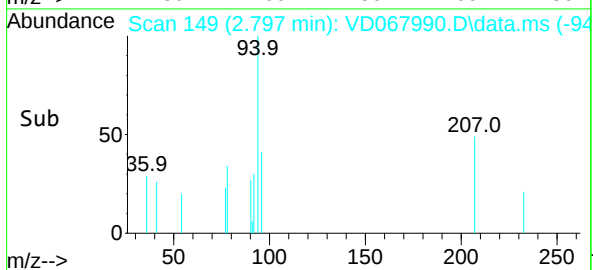
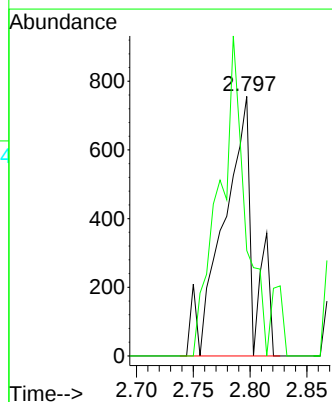
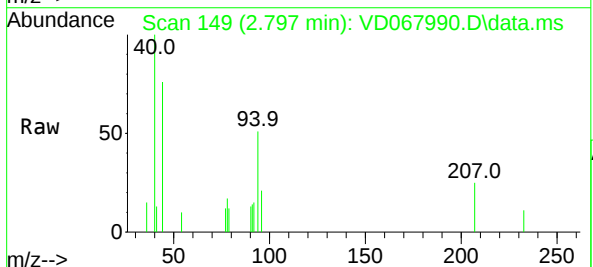
Instrument :
MSVOA_D
ClientSampleId :
BU-03-123120

Tgt Ion:168 Resp: 250743
Ion Ratio Lower Upper
168 100
99 62.5 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.797 min Scan# 149
Delta R.T. 0.024 min
Lab File: VD067990.D
Acq: 04 Jan 2021 12:54

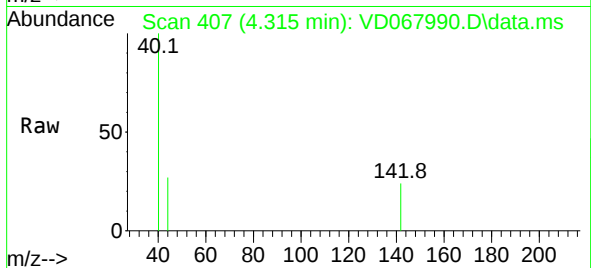
Tgt Ion: 94 Resp: 1394
Ion Ratio Lower Upper
94 100
96 40.6 78.0 117.0#



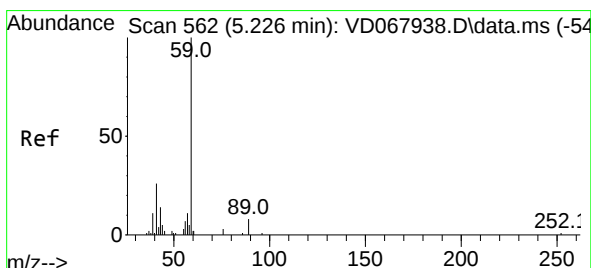
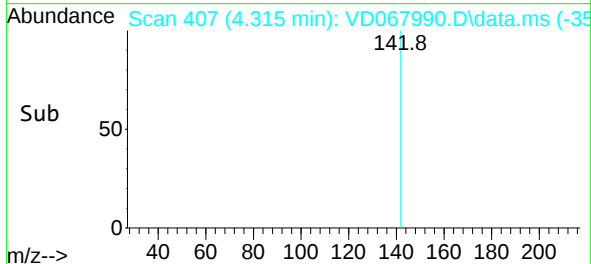
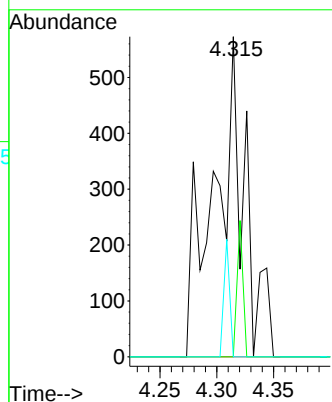


#10
Methyl Iodide
Concen: 4.19 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD067990.D
Acq: 04 Jan 2021 12:54

Instrument :
MSVOA_D
ClientSampleId :
BU-03-123120

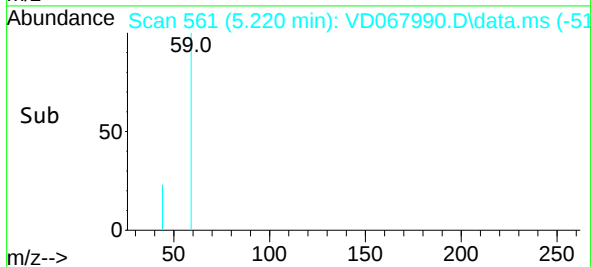
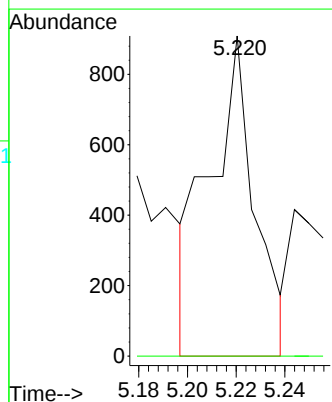
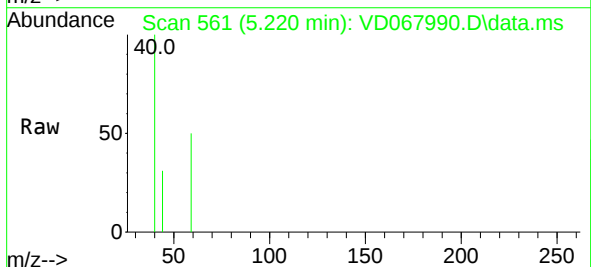


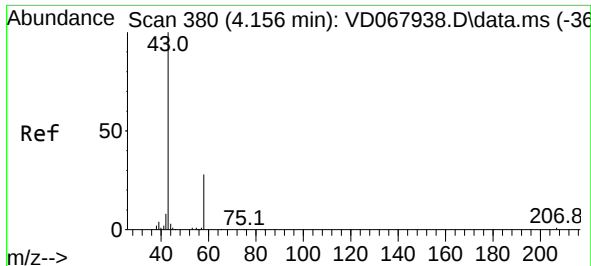
Tgt Ion:142 Resp: 1070
Ion Ratio Lower Upper
142 100
127 8.0 34.4 51.6#
141 6.9 11.8 17.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD067990.D
Acq: 04 Jan 2021 12:54

Tgt Ion: 59 Resp: 1179
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

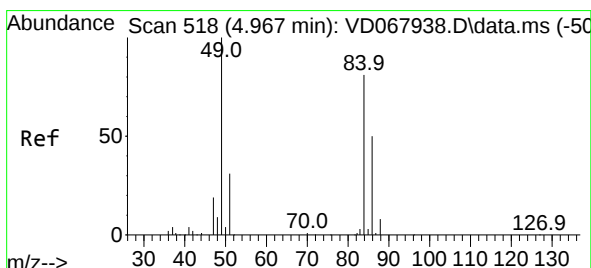
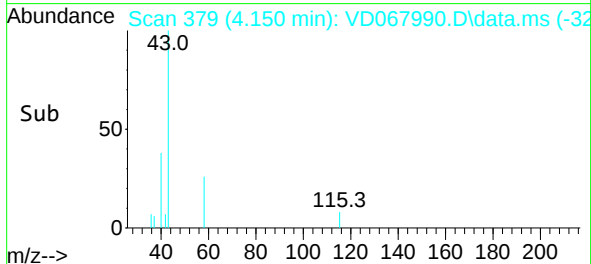
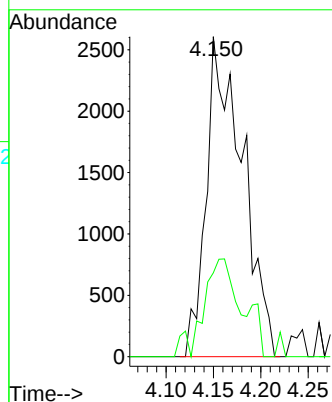
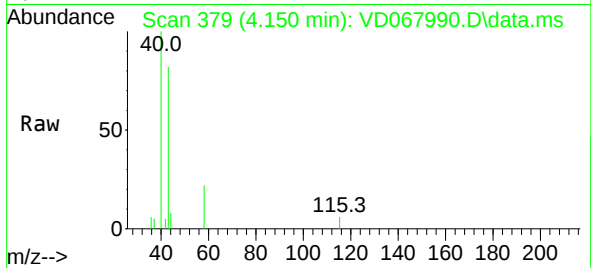




#16
Acetone
Concen: 13.33 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD067990.D
Acq: 04 Jan 2021 12:54

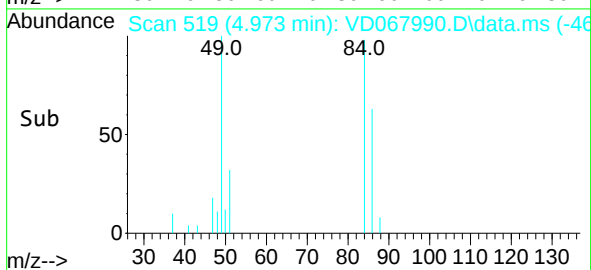
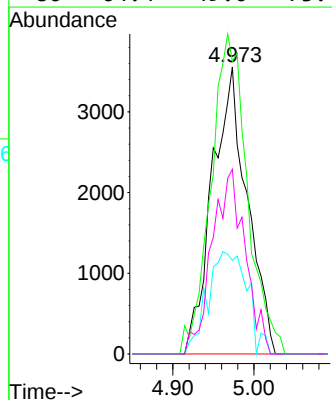
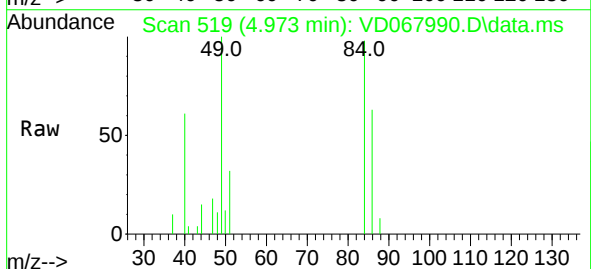
Instrument :
MSVOA_D
ClientSampleId :
BU-03-123120

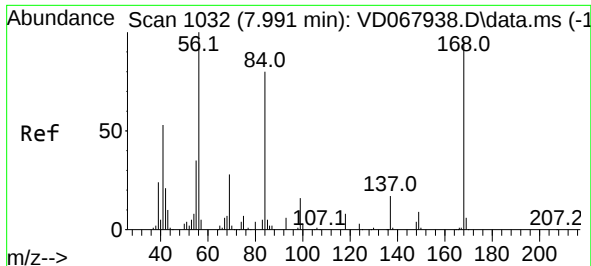
Tgt Ion: 43 Resp: 6891
Ion Ratio Lower Upper
43 100
58 19.8 22.3 33.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD067990.D
Acq: 04 Jan 2021 12:54

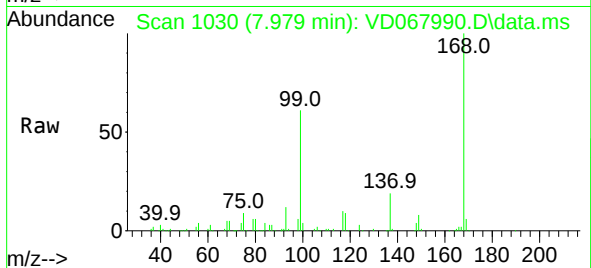
Tgt Ion: 84 Resp: 10652
Ion Ratio Lower Upper
84 100
49 102.0 98.3 147.5
51 32.7 30.3 45.5
86 64.4 49.0 73.4



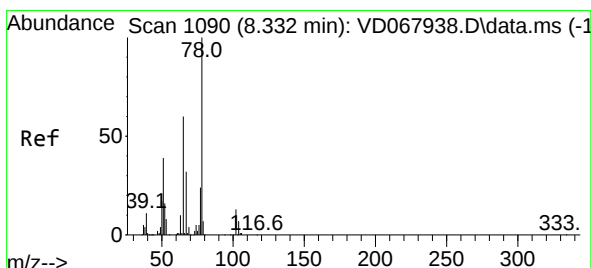
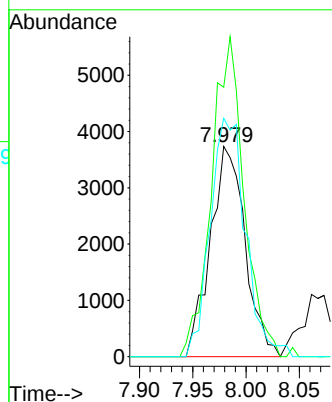
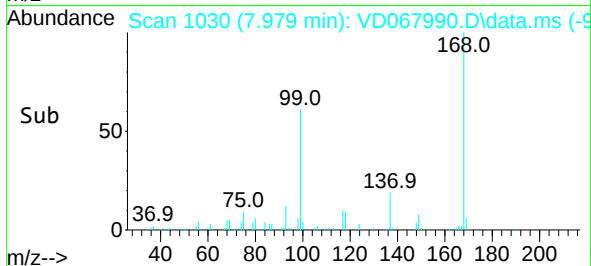


#31
Cyclohexane
Concen: 1.53 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD067990.D
Acq: 04 Jan 2021 12:54

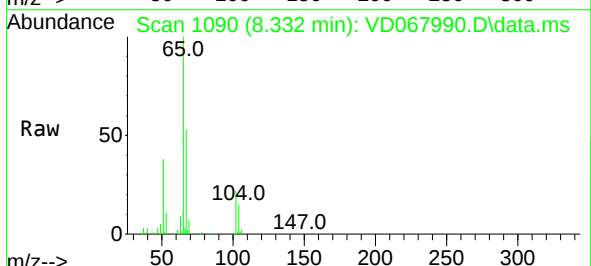
Instrument :
MSVOA_D
ClientSampleId :
BU-03-123120



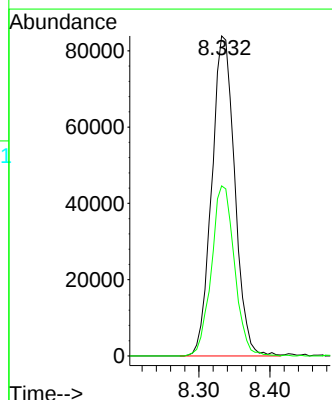
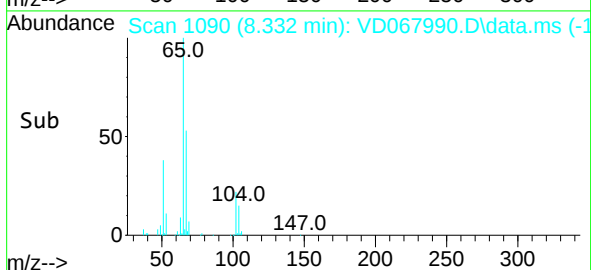
Tgt Ion: 56 Resp: 8463
Ion Ratio Lower Upper
56 100
69 128.2 22.7 34.1#
84 113.4 64.2 96.4#

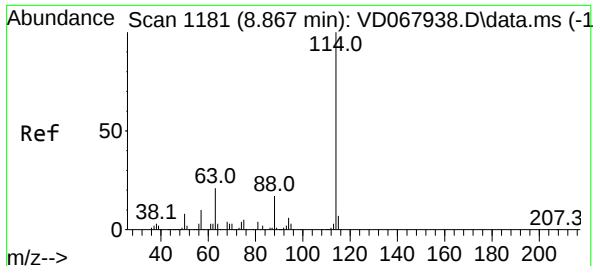


#33
1,2-Dichloroethane-d4
Concen: 69.55 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD067990.D
Acq: 04 Jan 2021 12:54



Tgt Ion: 65 Resp: 188328
Ion Ratio Lower Upper
65 100
67 53.3 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: VD067990.D

Acq: 04 Jan 2021 12:54

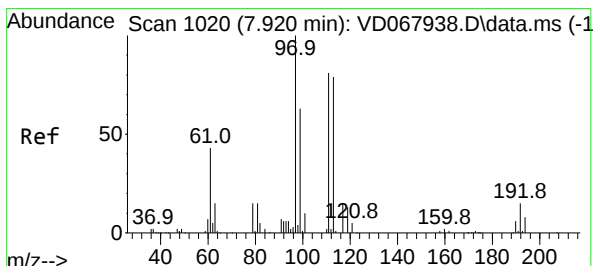
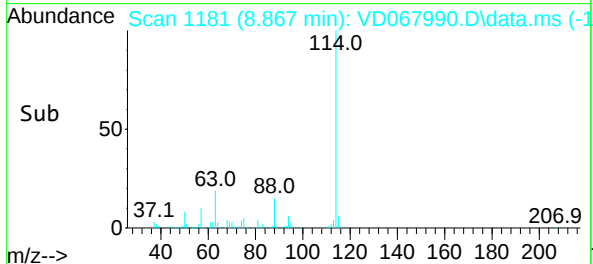
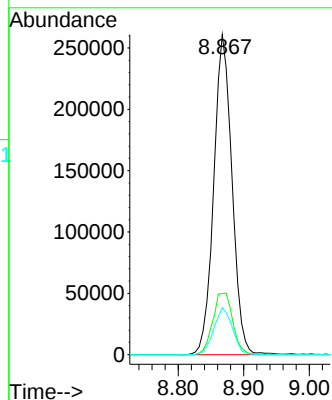
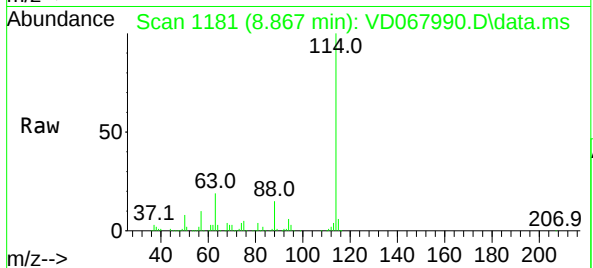
Instrument :

MSVOA_D

ClientSampleId :

BU-03-123120

Tgt Ion:	114	Resp:	504197
Ion Ratio	Lower	Upper	
114	100		
63	19.1	0.0	41.4
88	14.7	0.0	33.2



#35

Dibromofluoromethane

Concen: 56.84 ug/l

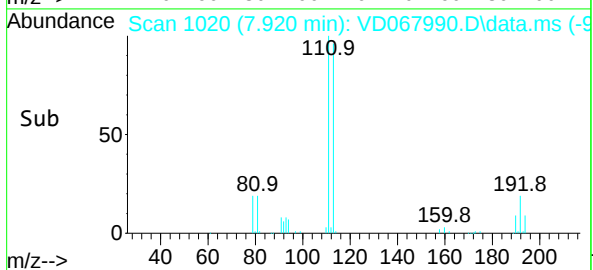
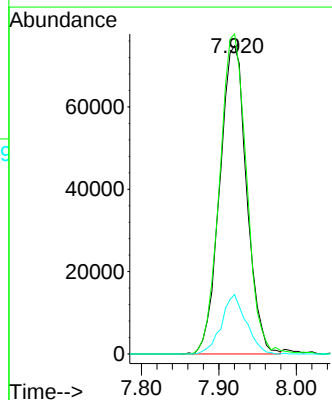
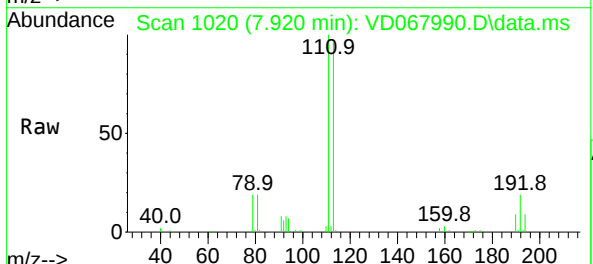
RT: 7.920 min Scan# 1020

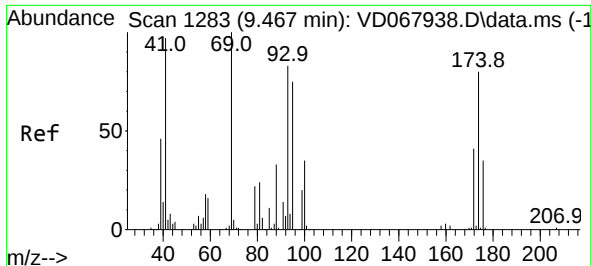
Delta R.T. 0.000 min

Lab File: VD067990.D

Acq: 04 Jan 2021 12:54

Tgt Ion:	113	Resp:	180577
Ion Ratio	Lower	Upper	
113	100		
111	104.1	79.3	118.9
192	17.7	14.5	21.7





#49

1,4-Dioxane

Concen: 2.62 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VD067990.D

Acq: 04 Jan 2021 12:54

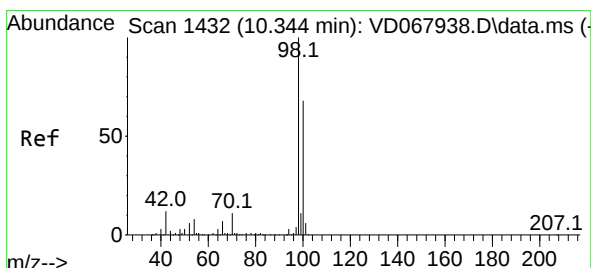
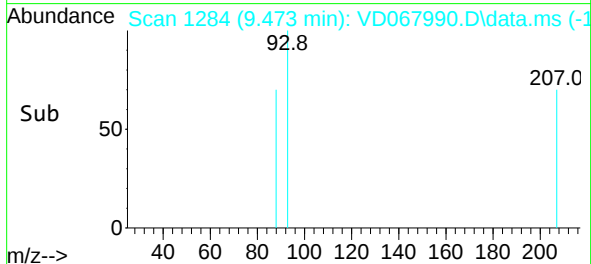
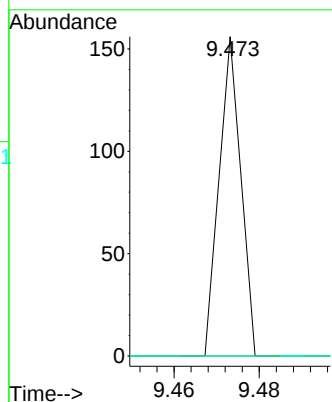
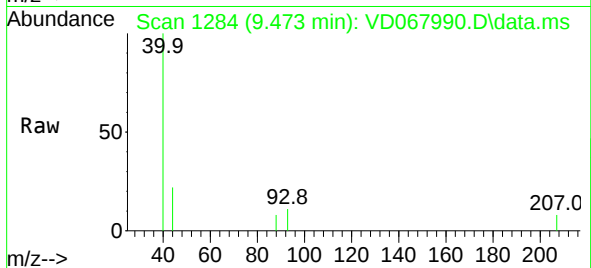
Instrument :

MSVOA_D

ClientSampleId :

BU-03-123120

Tgt Ion: 88	Resp: 55
Ion Ratio	Lower Upper
88 100	
43 0.0	27.3 40.9#
58 0.0	54.8 82.2#



#50

Toluene-d8

Concen: 53.97 ug/l

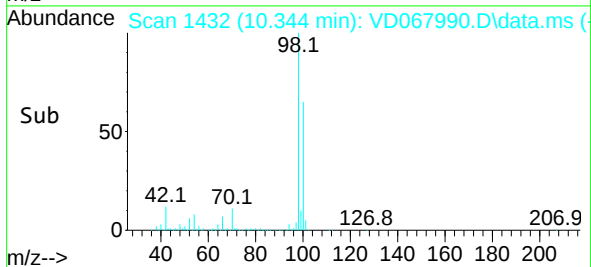
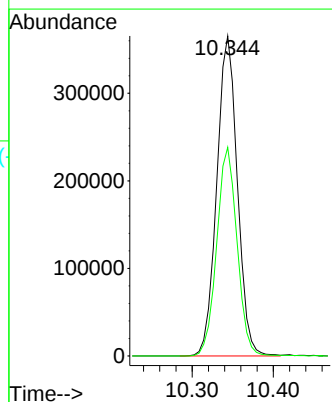
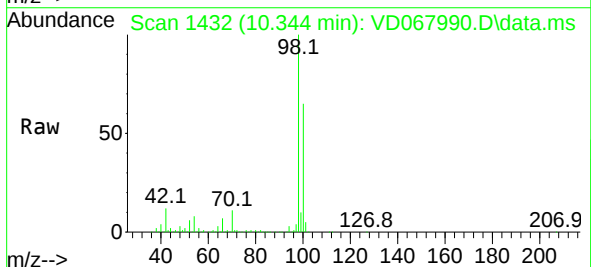
RT: 10.344 min Scan# 1432

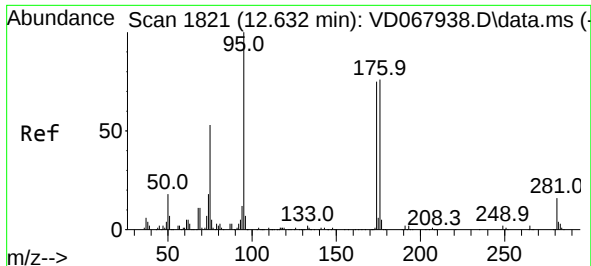
Delta R.T. 0.000 min

Lab File: VD067990.D

Acq: 04 Jan 2021 12:54

Tgt Ion: 98	Resp: 644461
Ion Ratio	Lower Upper
98 100	
100 64.4	52.5 78.7

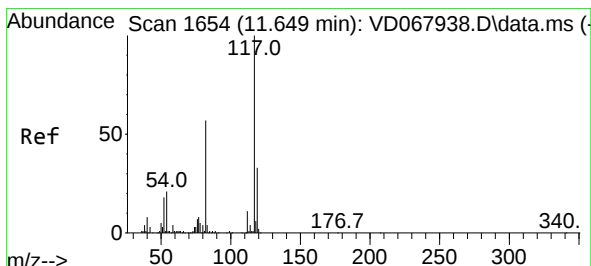
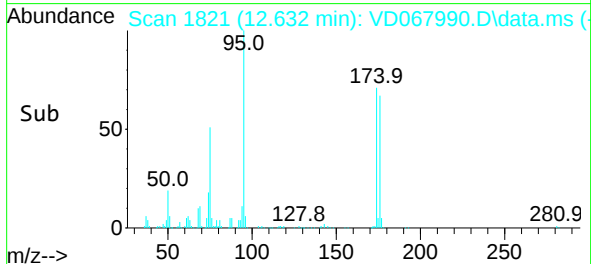
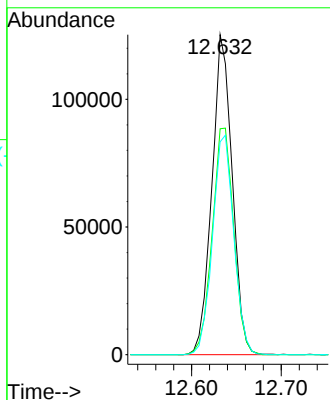
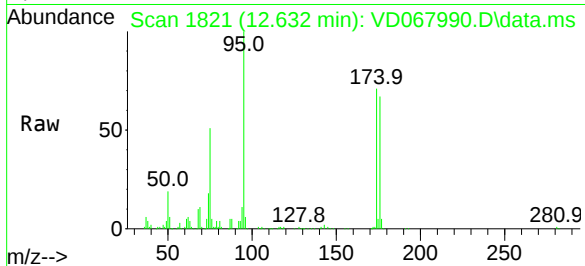




#62
4-Bromofluorobenzene
Concen: 48.22 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067990.D
Acq: 04 Jan 2021 12:54

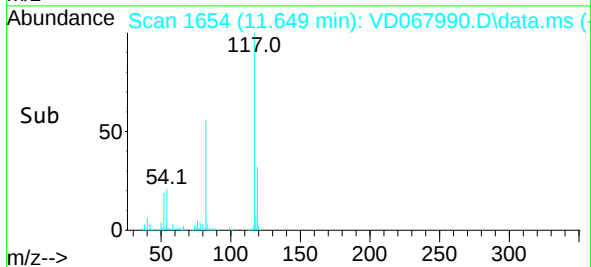
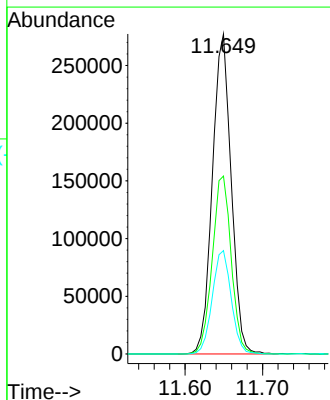
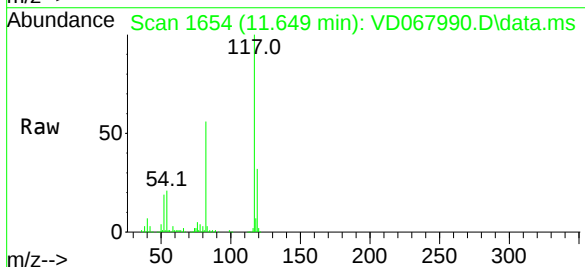
Instrument :
MSVOA_D
ClientSampleId :
BU-03-123120

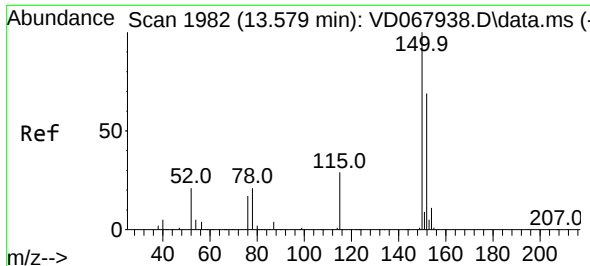
Tgt Ion: 95 Resp: 196963
Ion Ratio Lower Upper
95 100
174 75.2 0.0 150.6
176 71.8 0.0 151.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD067990.D
Acq: 04 Jan 2021 12:54

Tgt Ion: 117 Resp: 467221
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.0
119 32.3 26.7 40.1

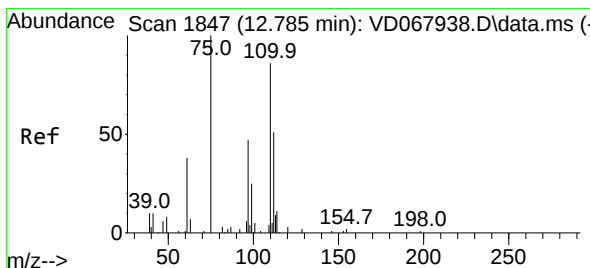
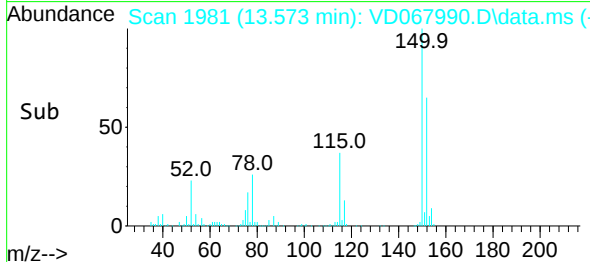
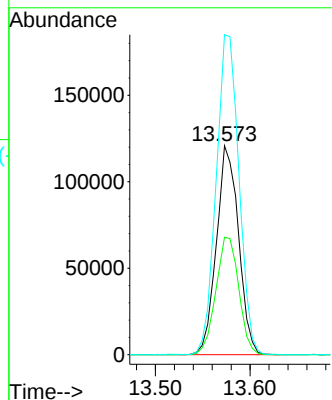
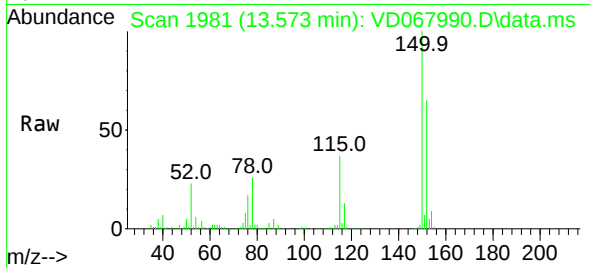




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD067990.D
Acq: 04 Jan 2021 12:54

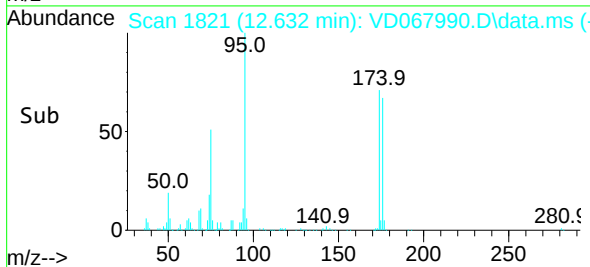
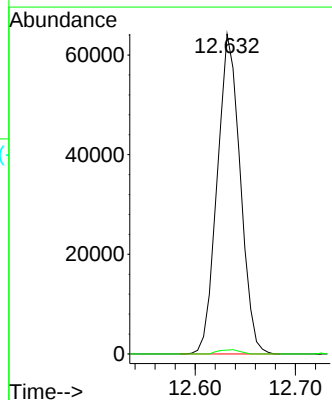
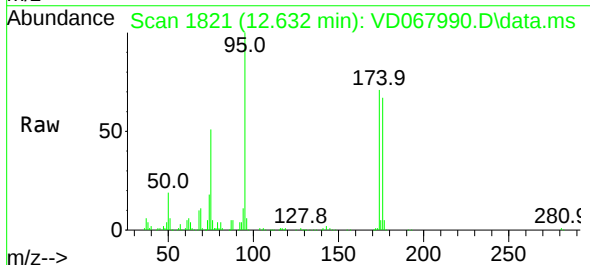
Instrument :
MSVOA_D
ClientSampleId :
BU-03-123120

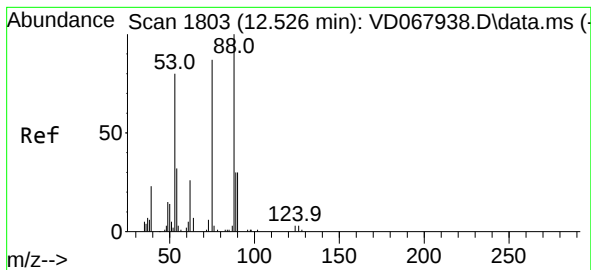
Tgt Ion:152 Resp: 196234
Ion Ratio Lower Upper
152 100
115 58.2 29.3 88.0
150 157.8 0.0 340.0



#76
1,2,3-Trichloropropane
Concen: 61.86 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD067990.D
Acq: 04 Jan 2021 12:54

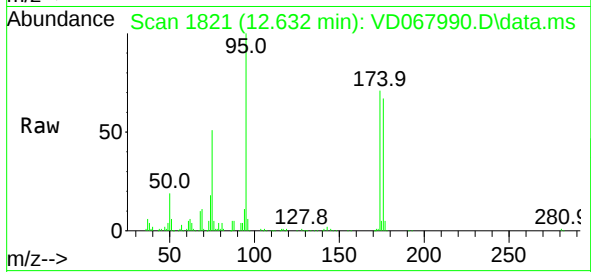
Tgt Ion: 75 Resp: 102211
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.81 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD067990.D
 Acq: 04 Jan 2021 12:54

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-03-123120



Tgt Ion: 75 Resp: 102211
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.9 112.3#
 89 0.1 33.8 50.8#

