

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012221\
 Data File : VD068153.D
 Acq On : 22 Jan 2021 14:10
 Operator : VA/SY
 Sample : M1208-02
 Misc : 6.49G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-SF-03-011-A

Quant Time: Jan 22 23:58:54 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)

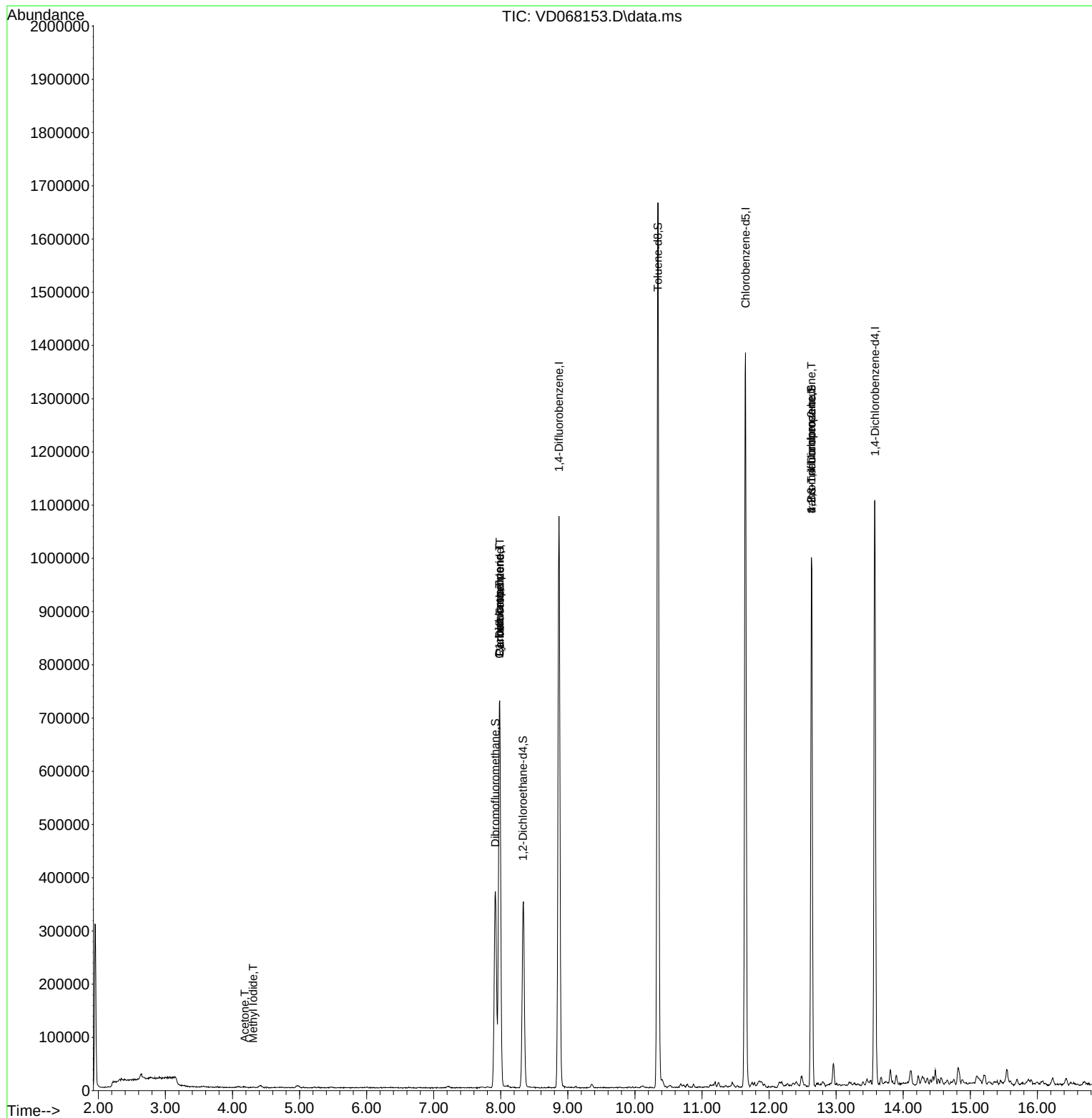
Internal Standards						
1) Pentafluorobenzene	7.985	168	558365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	962171	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	802280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	305498	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	281629	52.73	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.46%			
35) Dibromofluoromethane	7.920	113	276903	52.06	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.12%			
50) Toluene-d8	10.344	98	1161718	54.60	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.20%			
62) 4-Bromofluorobenzene	12.632	95	353183	46.09	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.18%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	750	3.26	ug/l #	47
11) Tert butyl alcohol	5.214	59	369	Below Cal	#	81
16) Acetone	4.185	43	2367	2.48	ug/l	90
20) Methylene Chloride	4.979	84	2304	Below Cal	#	68
31) Cyclohexane	7.979	56	13891	1.20	ug/l #	21
36) 1,1-Dichloropropene	7.979	75	44758	4.61	ug/l #	47
38) Carbon Tetrachloride	7.985	117	55065	6.06	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	179089	60.63	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	179089	122.69	ug/l #	13

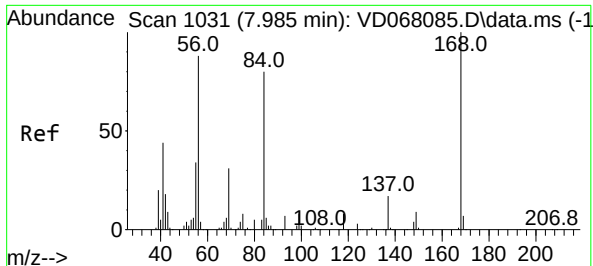
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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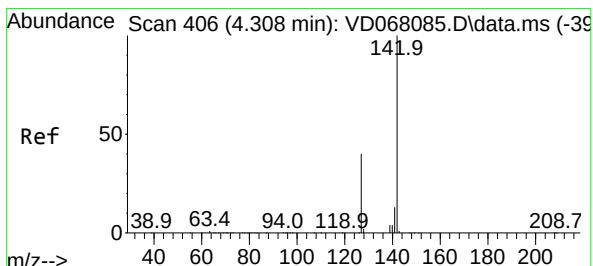
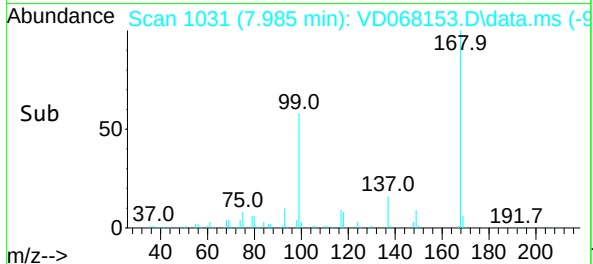
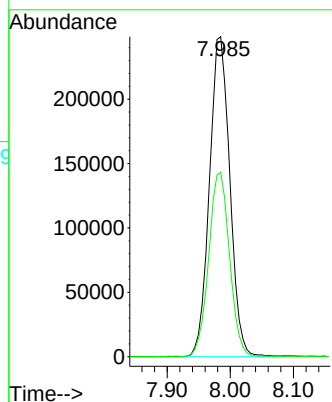
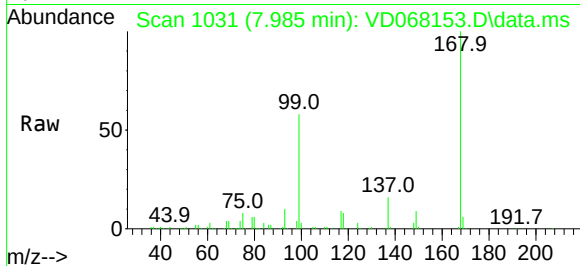




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068153.D
Acq: 22 Jan 2021 14:10

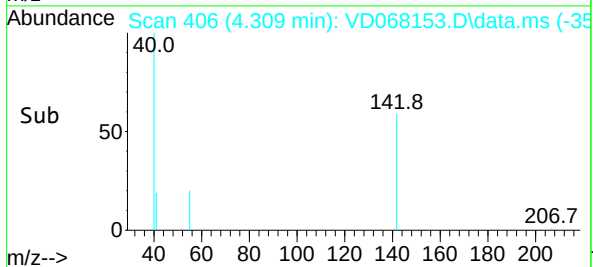
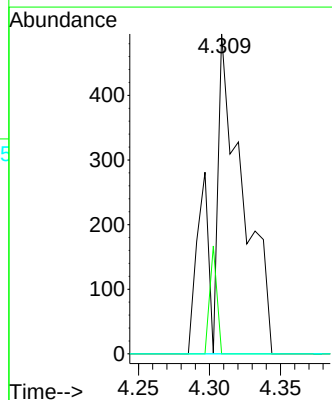
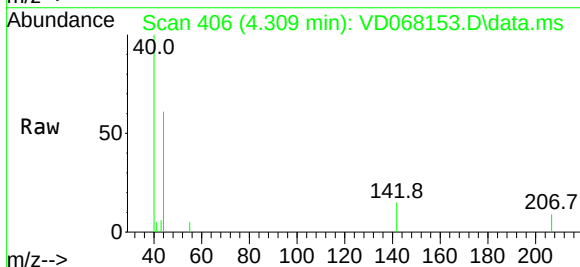
Instrument :
MSVOA_D
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FK-SF-03-011-A

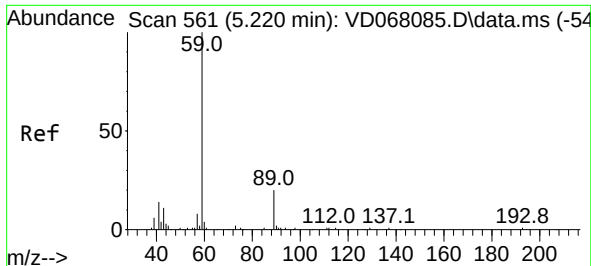
Tgt Ion:168 Resp: 558365
Ion Ratio Lower Upper
168 100
99 57.5 43.5 65.3



#10
Methyl Iodide
Concen: 3.26 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068153.D
Acq: 22 Jan 2021 14:10

Tgt Ion:142 Resp: 750
Ion Ratio Lower Upper
142 100
127 7.9 37.9 56.9#
141 0.0 11.5 17.3#

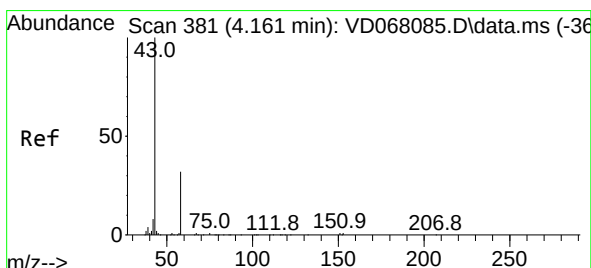
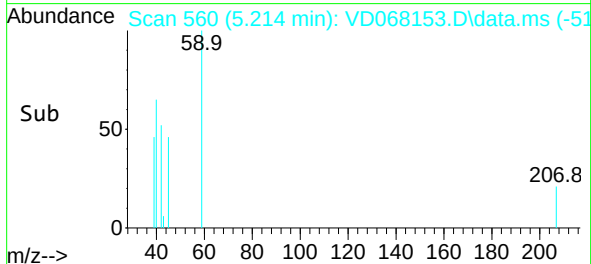
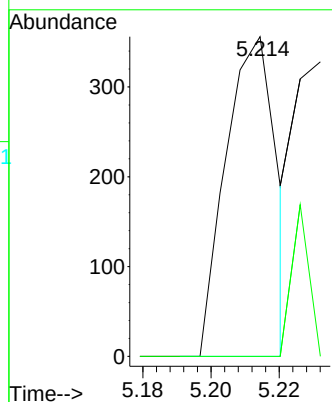
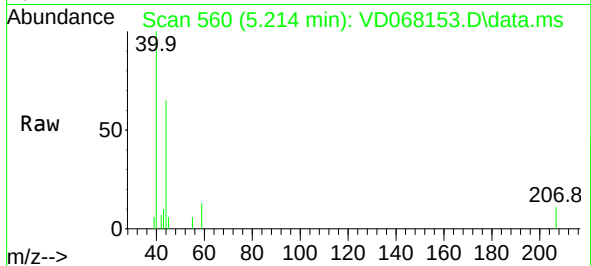




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD068153.D
Acq: 22 Jan 2021 14:10

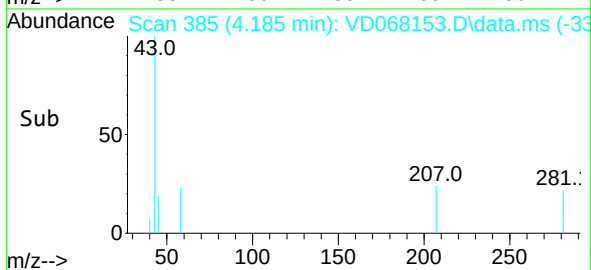
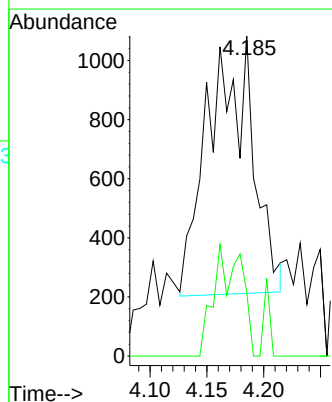
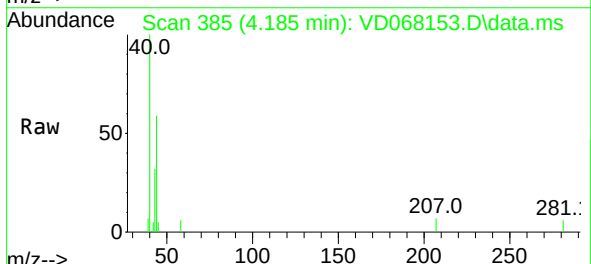
Instrument :
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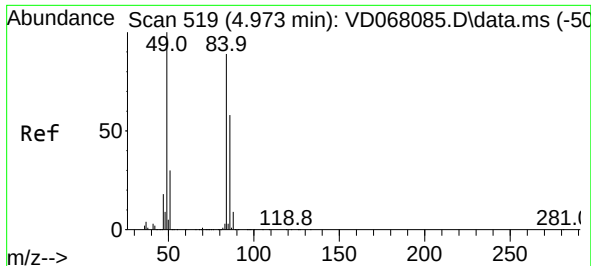
Tgt Ion: 59 Resp: 369
Ion Ratio Lower Upper
59 100
57 16.3 7.4 11.2#



#16
Acetone
Concen: 2.48 ug/l
RT: 4.185 min Scan# 385
Delta R.T. 0.024 min
Lab File: VD068153.D
Acq: 22 Jan 2021 14:10

Tgt Ion: 43 Resp: 2367
Ion Ratio Lower Upper
43 100
58 24.9 24.2 36.4

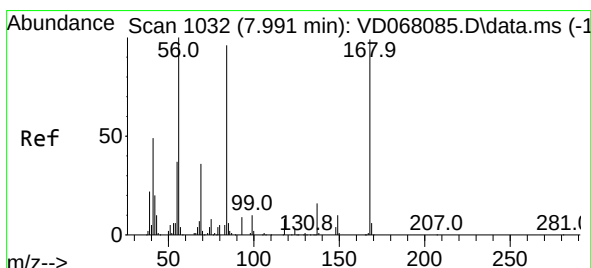
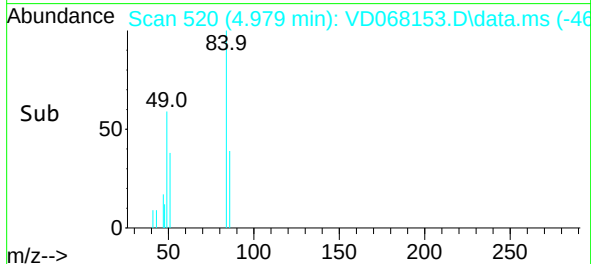
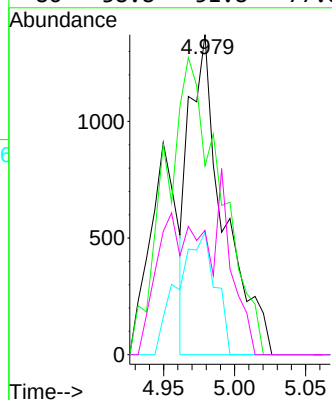
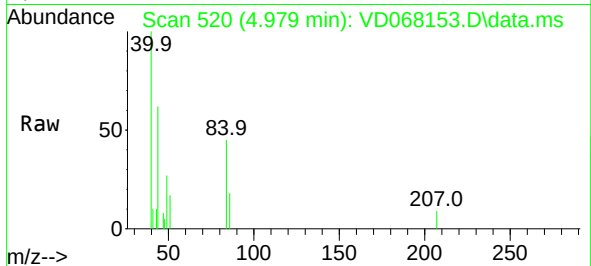




#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.006 min
Lab File: VD068153.D
Acq: 22 Jan 2021 14:10

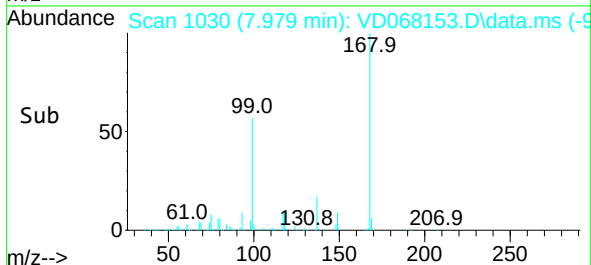
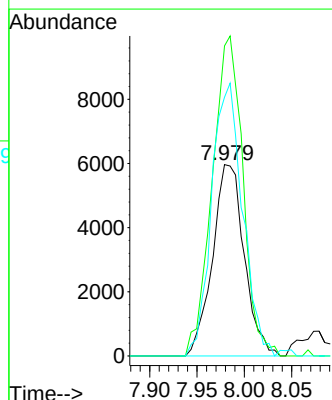
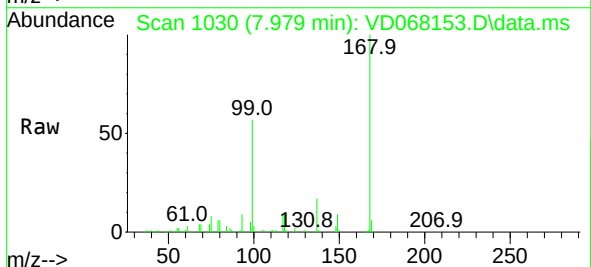
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-011-A

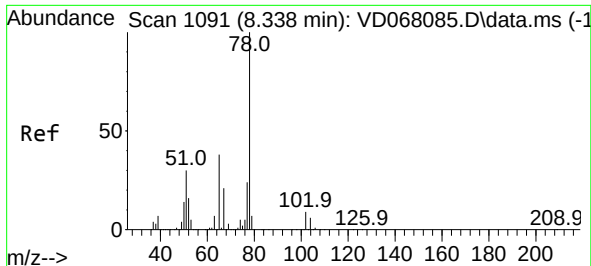
Tgt Ion:	84	Resp:	2304
Ion	Ratio	Lower	Upper
84	100		
49	59.0	77.4	116.2#
51	38.2	26.1	39.1
86	38.8	51.8	77.8#



#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD068153.D
Acq: 22 Jan 2021 14:10

Tgt Ion:	56	Resp:	13891
Ion	Ratio	Lower	Upper
56	100		
69	162.0	30.1	45.1#
84	135.2	82.1	123.1#

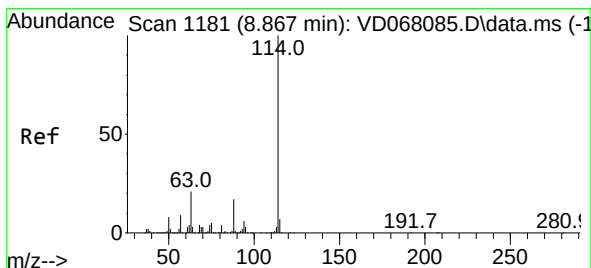
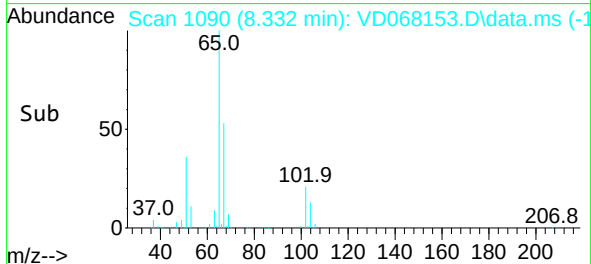
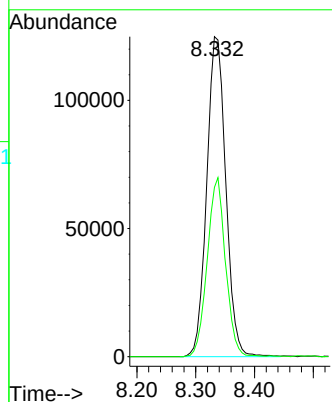
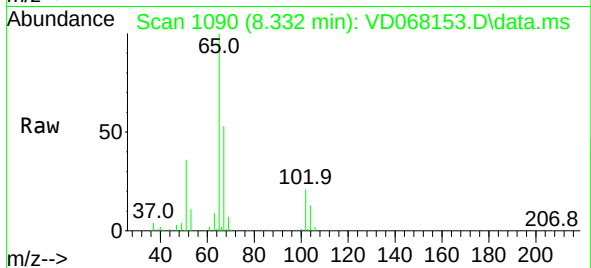




#33
 1,2-Dichloroethane-d4
 Concen: 52.73 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VD068153.D
 Acq: 22 Jan 2021 14:10

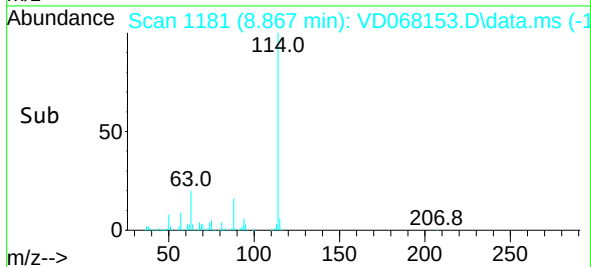
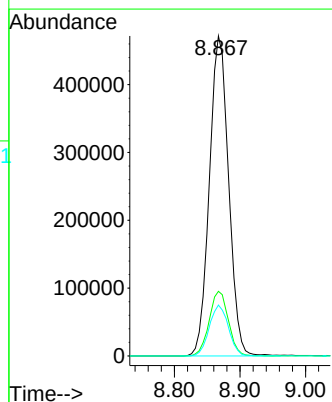
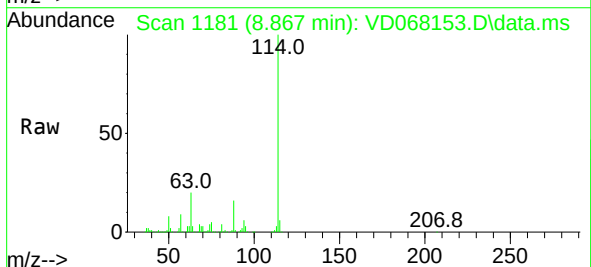
Instrument :
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 ClientSampleId :
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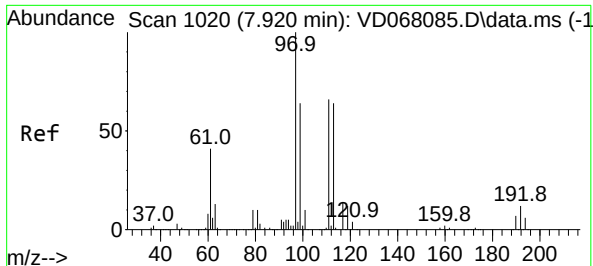
Tgt Ion: 65 Resp: 281629
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD068153.D
 Acq: 22 Jan 2021 14:10

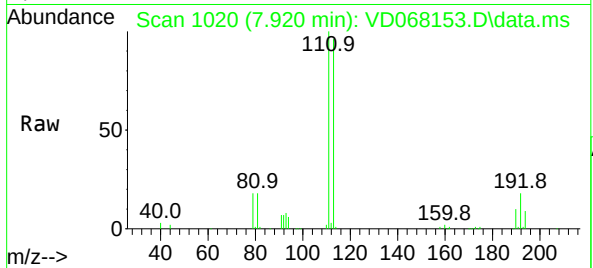
Tgt Ion: 114 Resp: 962171
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 34.8
 88 15.9 0.0 31.6



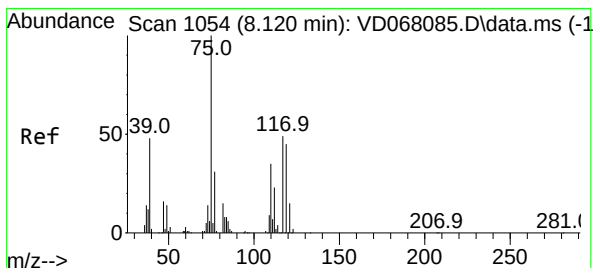
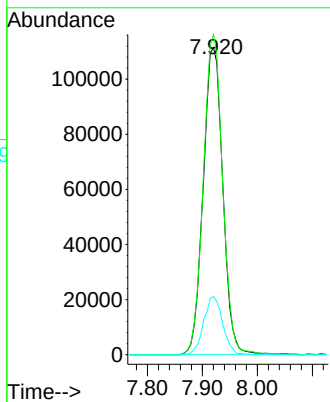
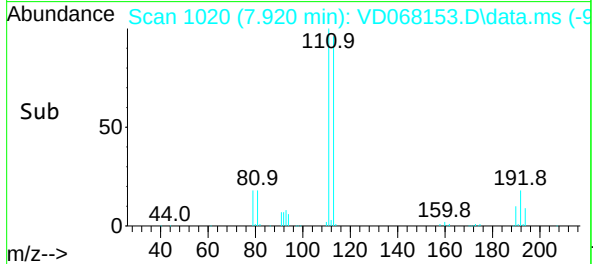


#35
Dibromofluoromethane
Concen: 52.06 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068153.D
Acq: 22 Jan 2021 14:10

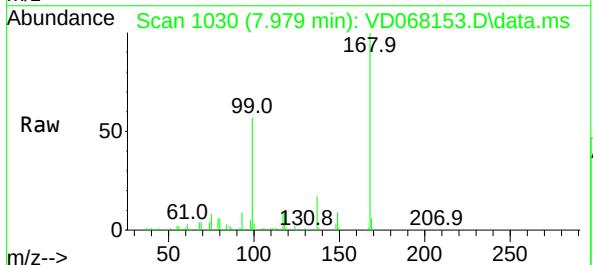
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-011-A



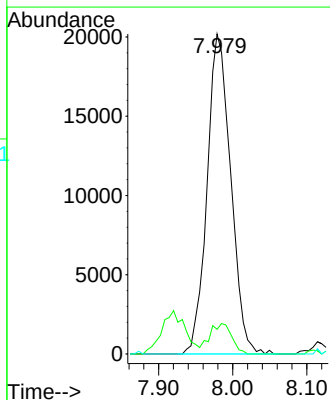
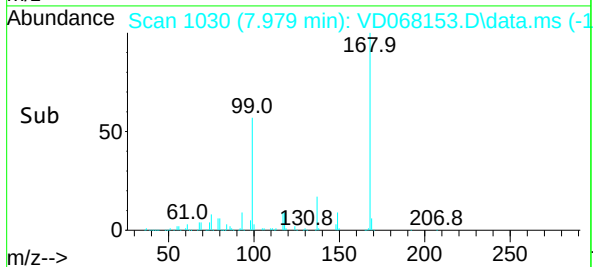
Tgt Ion:113 Resp: 276903
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 18.3 16.1 24.1

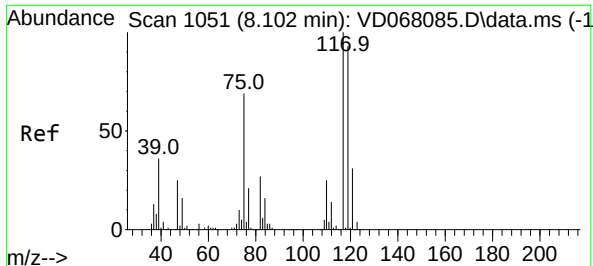


#36
1,1-Dichloropropene
Concen: 4.61 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.141 min
Lab File: VD068153.D
Acq: 22 Jan 2021 14:10



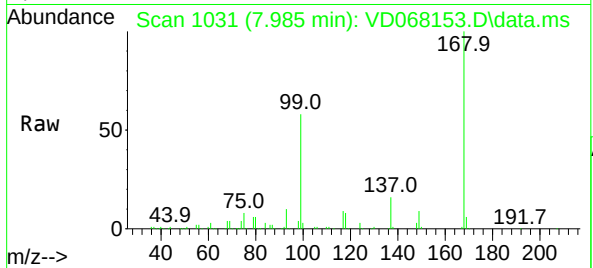
Tgt Ion: 75 Resp: 44758
Ion Ratio Lower Upper
75 100
110 8.9 19.4 58.2#
77 0.0 25.3 37.9#



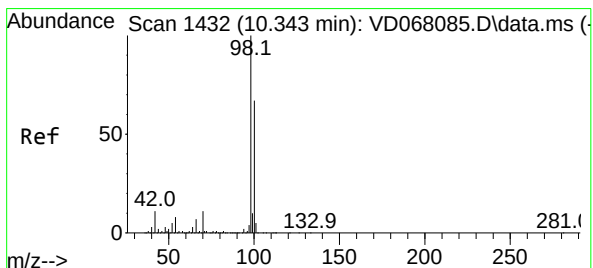
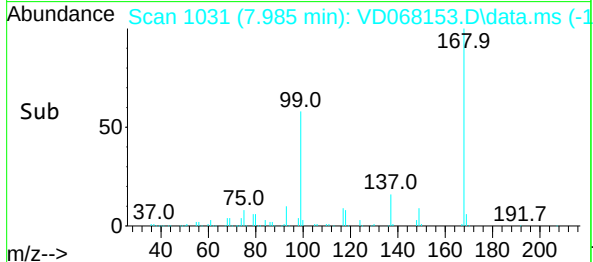
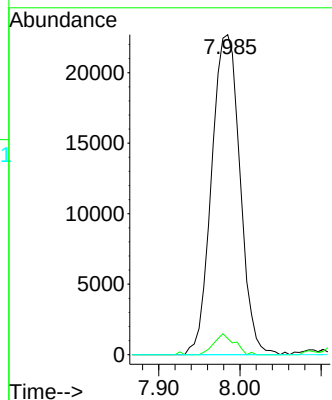


#38
Carbon Tetrachloride
Concen: 6.06 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068153.D
Acq: 22 Jan 2021 14:10

Instrument :
MSVOA_D
ClientSampleId :
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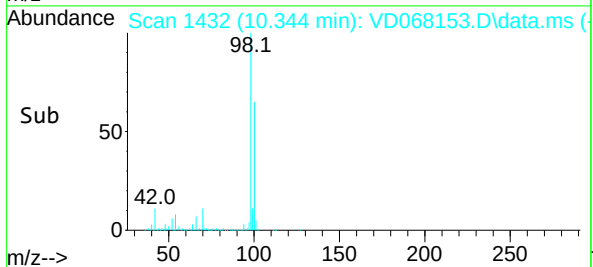
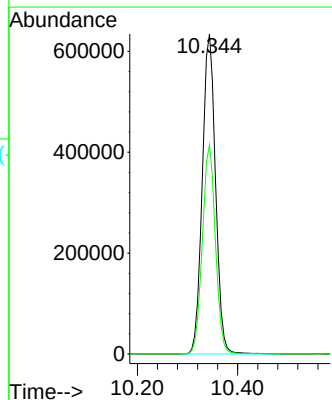
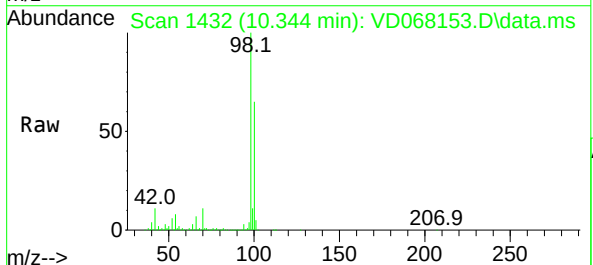


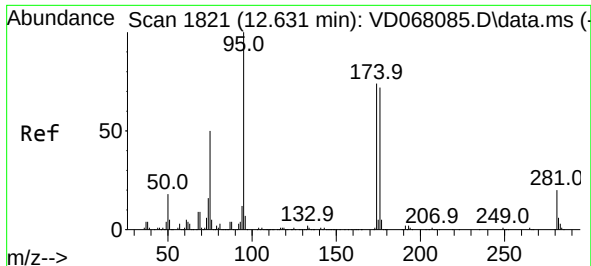
Tgt Ion:117 Resp: 55065
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.60 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068153.D
Acq: 22 Jan 2021 14:10

Tgt Ion: 98 Resp: 1161718
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4

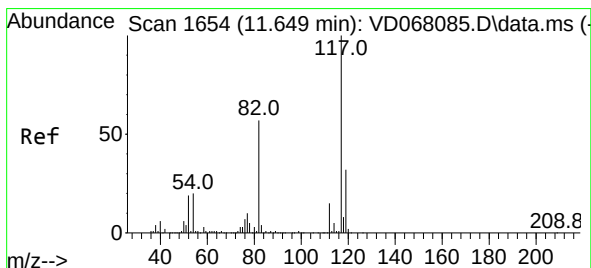
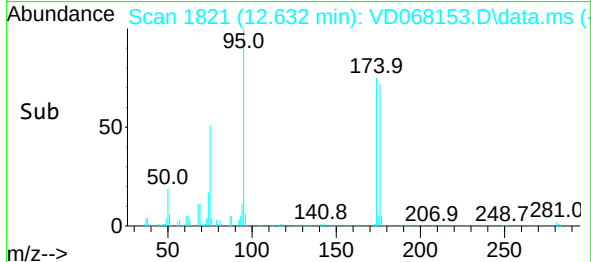
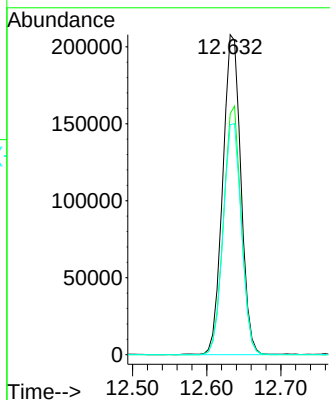
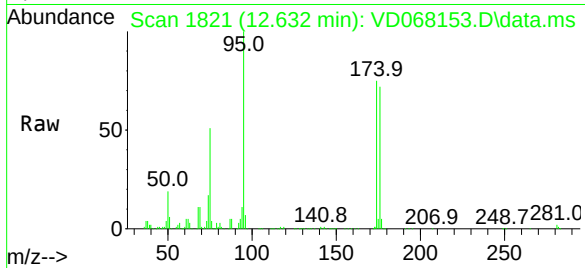




#62
4-Bromofluorobenzene
Concen: 46.09 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068153.D
Acq: 22 Jan 2021 14:10

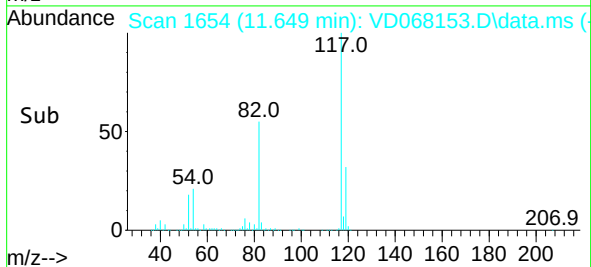
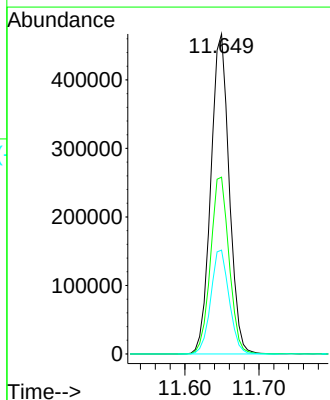
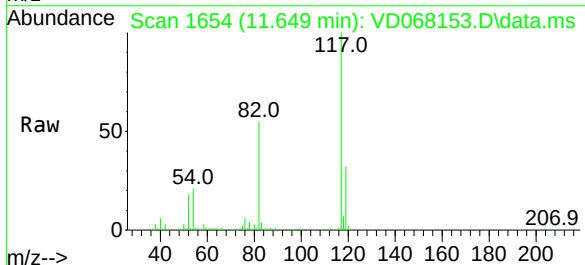
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-011-A

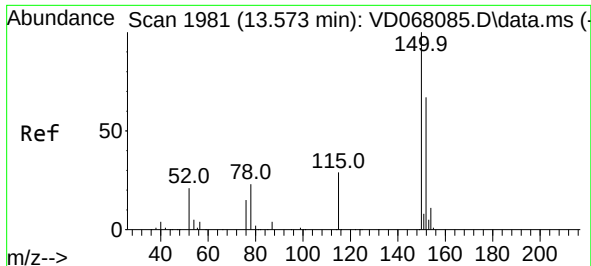
Tgt Ion: 95 Resp: 353183
Ion Ratio Lower Upper
95 100
174 75.7 0.0 172.4
176 72.8 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068153.D
Acq: 22 Jan 2021 14:10

Tgt Ion: 117 Resp: 802280
Ion Ratio Lower Upper
117 100
82 55.3 41.4 62.0
119 32.5 26.1 39.1

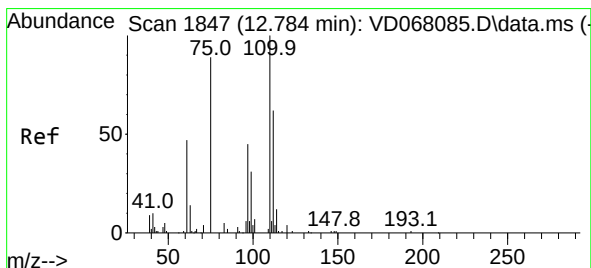
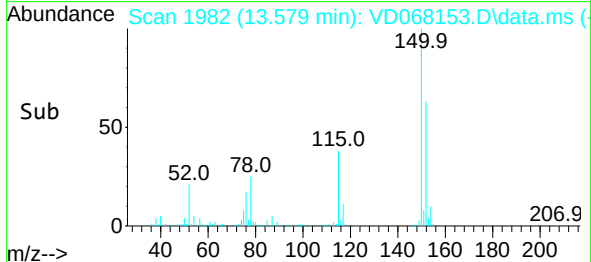
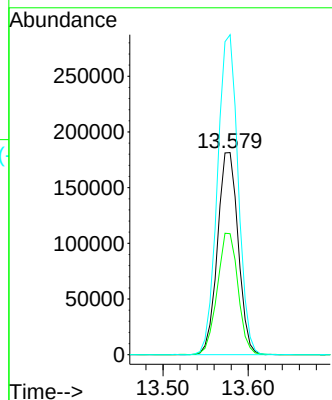
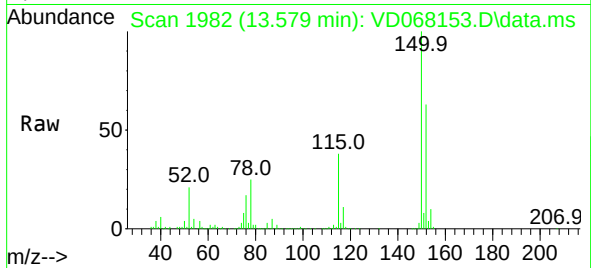




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. 0.006 min
 Lab File: VD068153.D
 Acq: 22 Jan 2021 14:10

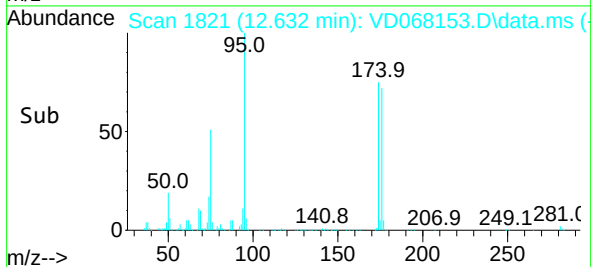
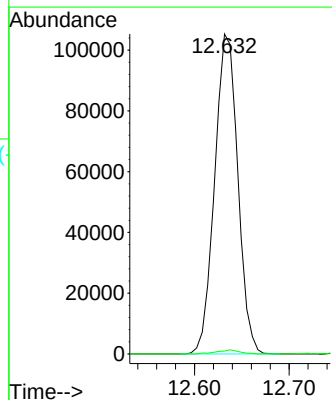
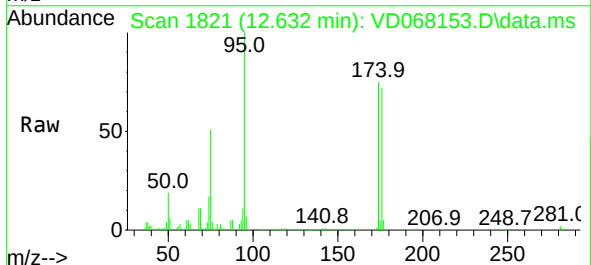
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-SF-03-011-A

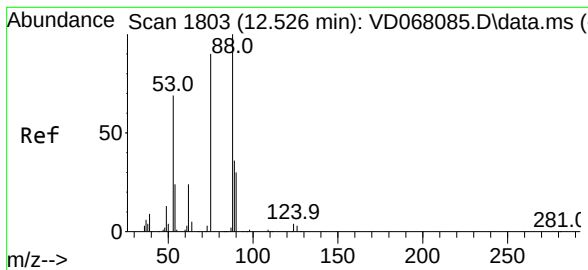
Tgt Ion:152 Resp: 305498
 Ion Ratio Lower Upper
 152 100
 115 60.7 28.9 86.8
 150 158.6 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 60.63 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.153 min
 Lab File: VD068153.D
 Acq: 22 Jan 2021 14:10

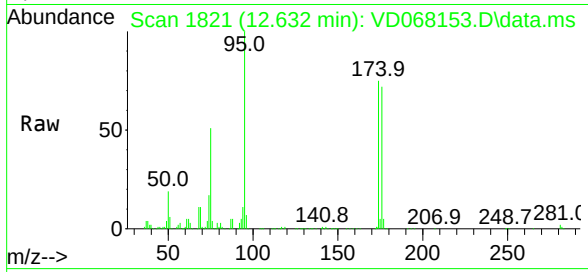
Tgt Ion: 75 Resp: 179089
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.69 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068153.D
 Acq: 22 Jan 2021 14:10

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-SF-03-011-A



Tgt Ion: 75 Resp: 179089
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

