

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012121\
 Data File : VD068141.D
 Acq On : 21 Jan 2021 19:03
 Operator : VA/SY
 Sample : M1206-02
 Misc : 8.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-SF-03-009-A

Quant Time: Jan 22 00:12:07 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)

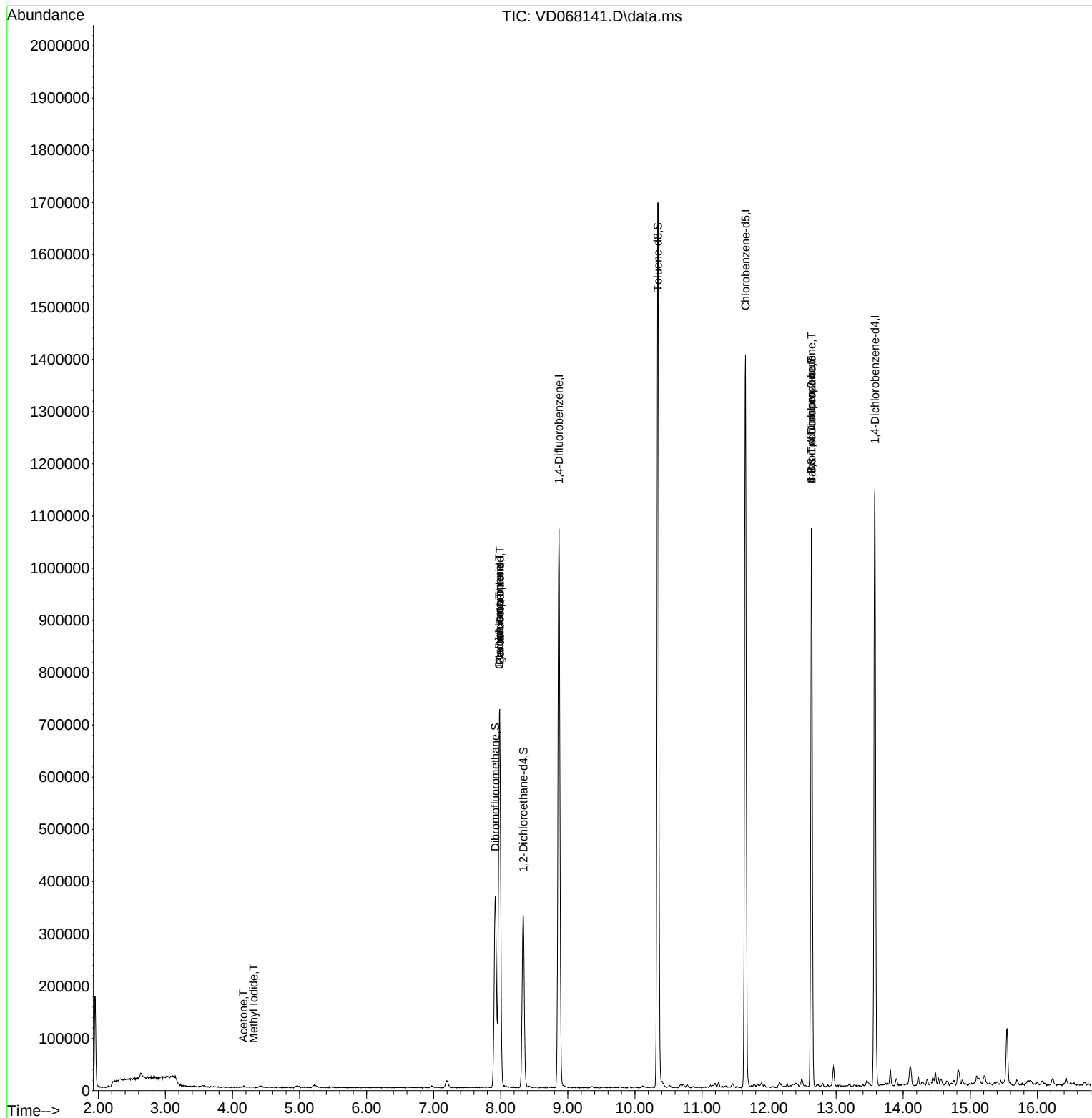
Internal Standards						
1) Pentafluorobenzene	7.985	168	552093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	954339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	834236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	319517	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	270737	51.26	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.52%
35) Dibromofluoromethane	7.920	113	273212	51.78	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.56%
50) Toluene-d8	10.344	98	1166701	55.28	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.56%
62) 4-Bromofluorobenzene	12.632	95	364186	47.92	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.84%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.314	142	79	3.17	ug/l #	38
11) Tert butyl alcohol	5.226	59	8445	Below	Cal #	83
16) Acetone	4.162	43	2157	2.29	ug/l #	86
20) Methylene Chloride	4.973	84	2869	Below	Cal #	74
31) Cyclohexane	7.979	56	12603	1.10	ug/l #	26
36) 1,1-Dichloropropene	7.979	75	44617	4.64	ug/l #	47
38) Carbon Tetrachloride	7.985	117	57769	6.41	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	184649	59.77	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	184649	120.94	ug/l #	13

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

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Instrument :
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FK-SF-03-009-A

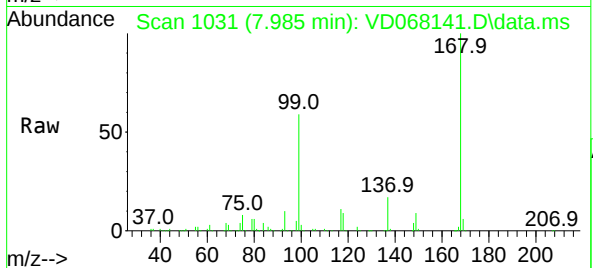
Quant Time: Jan 22 00:12:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
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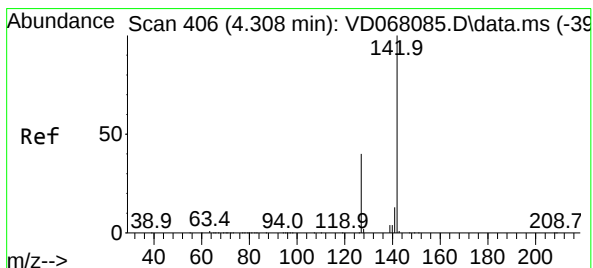
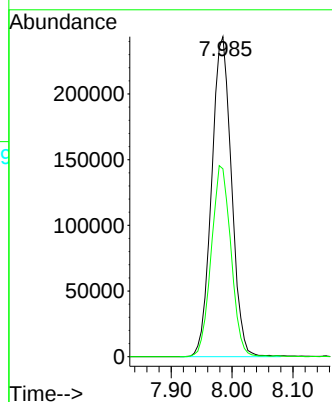
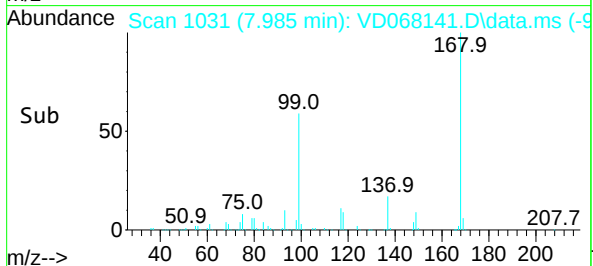


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068141.D
Acq: 21 Jan 2021 19:03

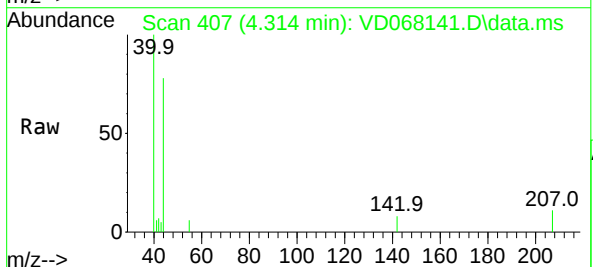
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-009-A



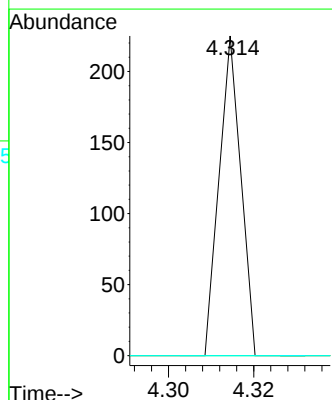
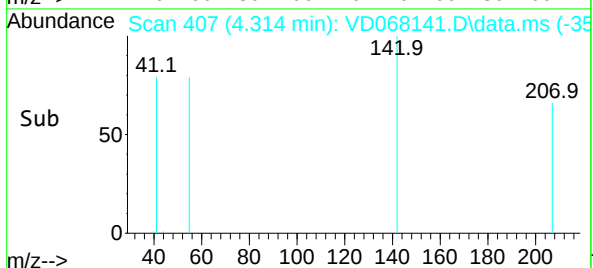
Tgt Ion:168 Resp: 552093
Ion Ratio Lower Upper
168 100
99 58.7 43.5 65.3



#10
Methyl Iodide
Concen: 3.17 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.006 min
Lab File: VD068141.D
Acq: 21 Jan 2021 19:03



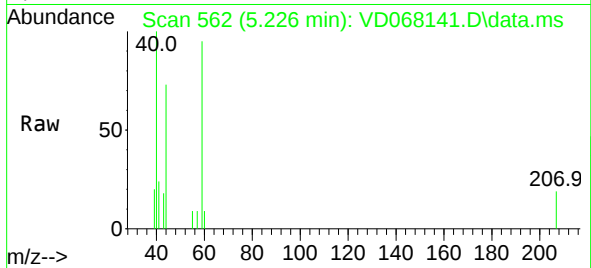
Tgt Ion:142 Resp: 79
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#



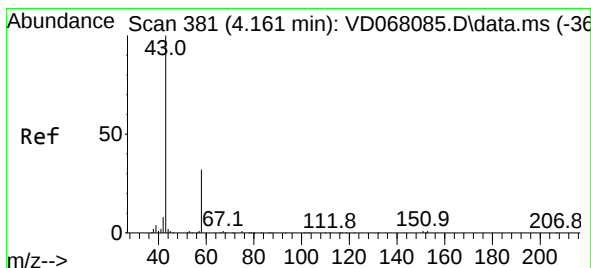
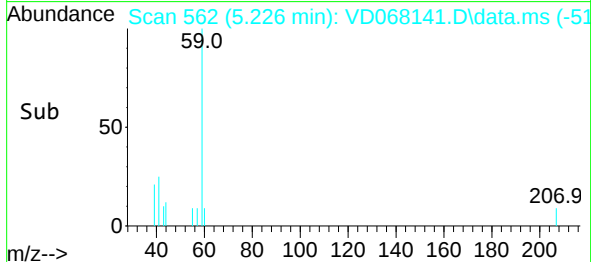
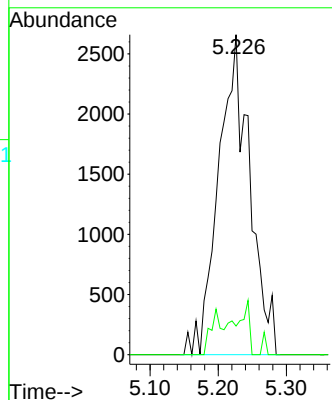


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD068141.D
Acq: 21 Jan 2021 19:03

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-009-A

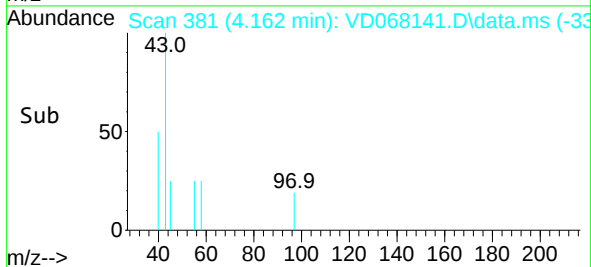
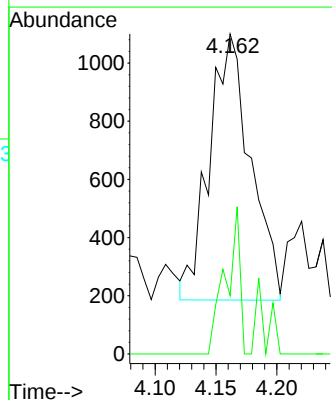
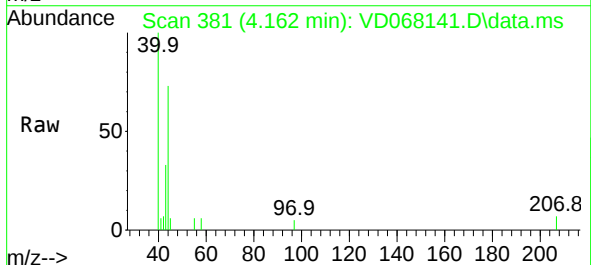


Tgt Ion: 59 Resp: 8445
Ion Ratio Lower Upper
59 100
57 3.3 7.4 11.2#



#16
Acetone
Concen: 2.29 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068141.D
Acq: 21 Jan 2021 19:03

Tgt Ion: 43 Resp: 2157
Ion Ratio Lower Upper
43 100
58 22.5 24.2 36.4#

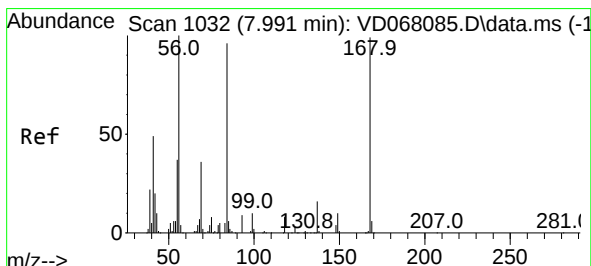
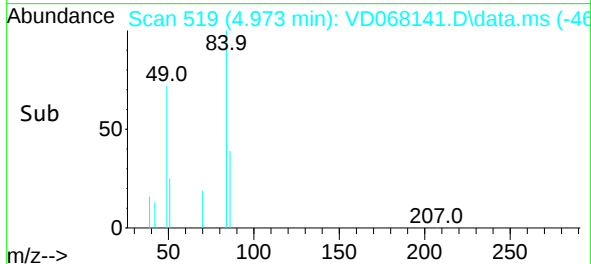
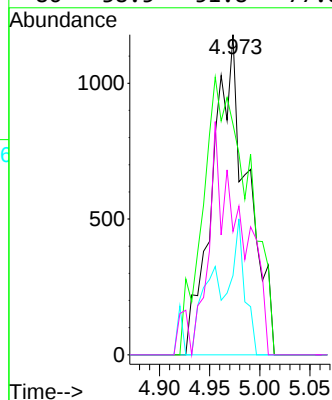
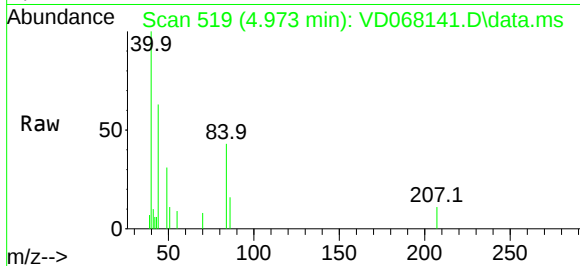




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068141.D
Acq: 21 Jan 2021 19:03

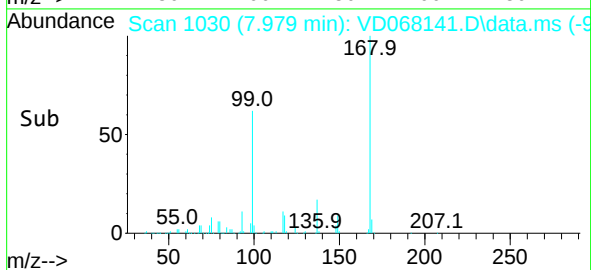
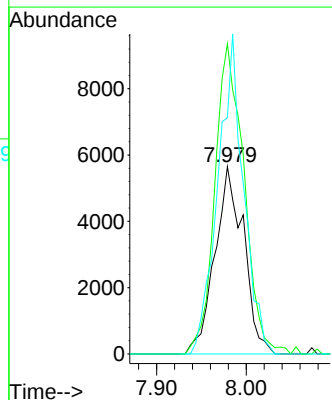
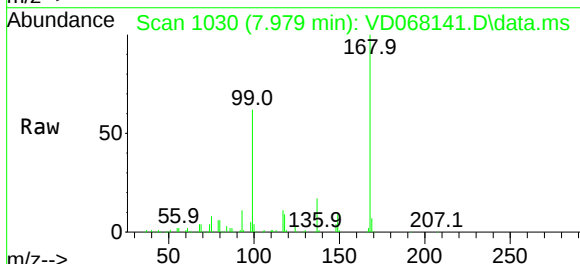
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-009-A

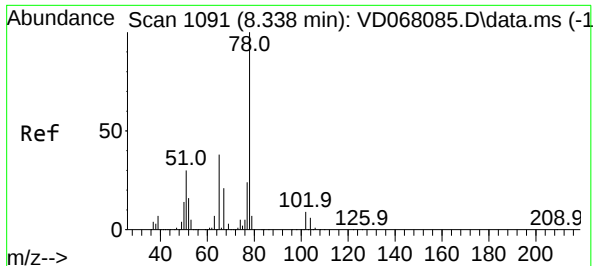
Tgt Ion:	84	Resp:	2869
Ion	Ratio	Lower	Upper
84	100		
49	72.0	77.4	116.2#
51	24.8	26.1	39.1#
86	38.5	51.8	77.8#



#31
Cyclohexane
Concen: 1.10 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD068141.D
Acq: 21 Jan 2021 19:03

Tgt Ion:	56	Resp:	12603
Ion	Ratio	Lower	Upper
56	100		
69	165.7	30.1	45.1#
84	126.1	82.1	123.1#

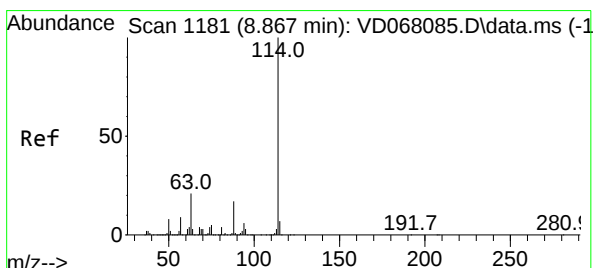
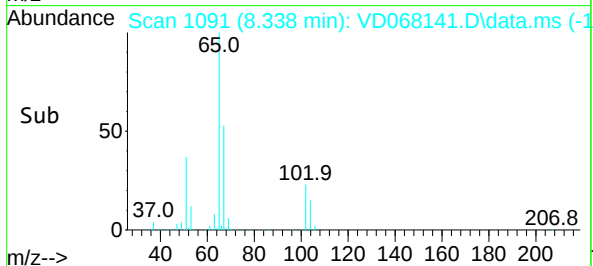
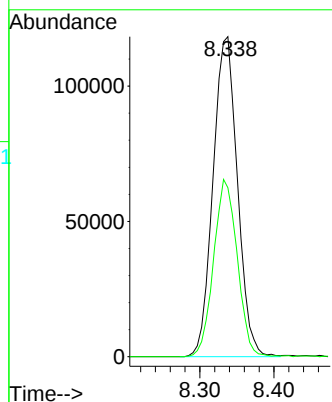
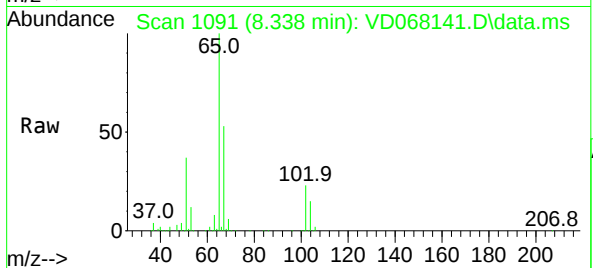




#33
1,2-Dichloroethane-d4
Concen: 51.26 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068141.D
Acq: 21 Jan 2021 19:03

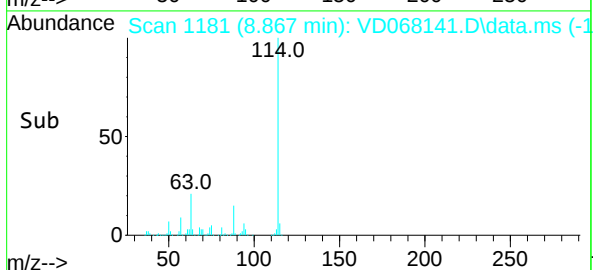
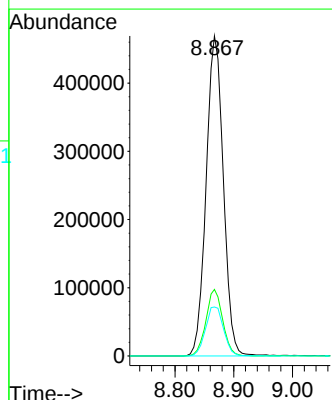
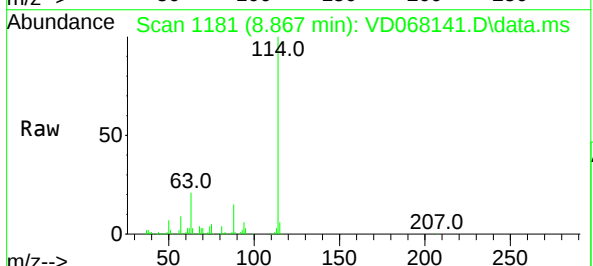
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-009-A

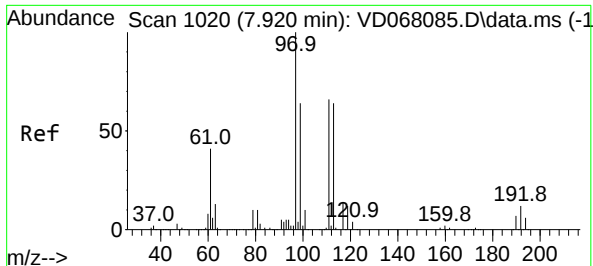
Tgt Ion: 65 Resp: 270737
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068141.D
Acq: 21 Jan 2021 19:03

Tgt Ion: 114 Resp: 954339
Ion Ratio Lower Upper
114 100
63 20.8 0.0 34.8
88 15.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.78 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068141.D

Acq: 21 Jan 2021 19:03

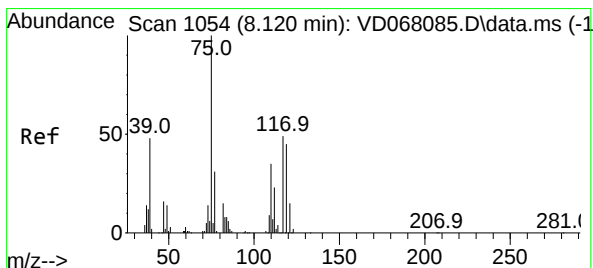
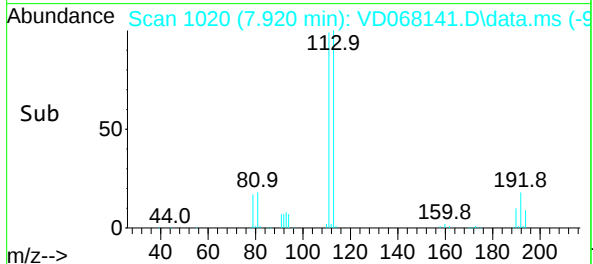
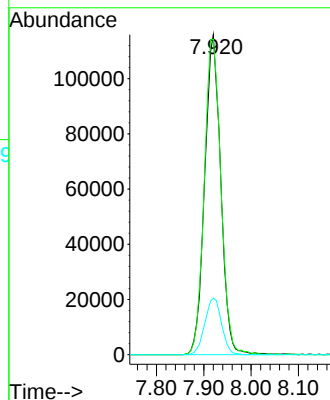
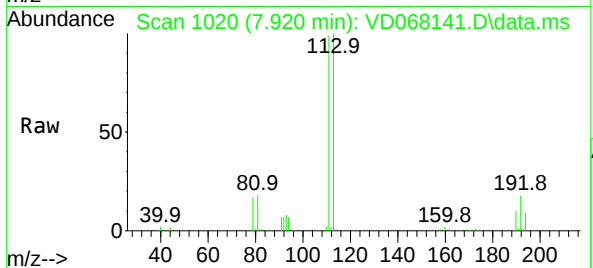
Tgt Ion:113 Resp: 273212

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 18.4 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.64 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.141 min

Lab File: VD068141.D

Acq: 21 Jan 2021 19:03

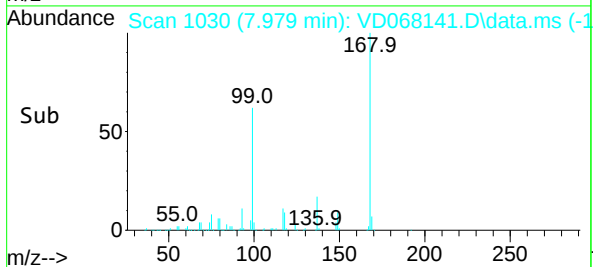
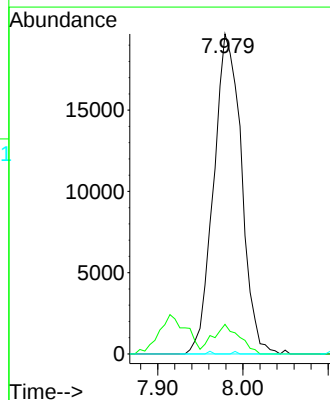
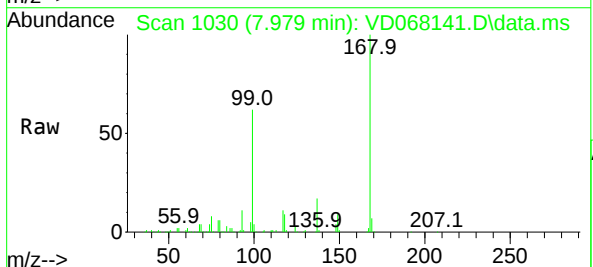
Tgt Ion: 75 Resp: 44617

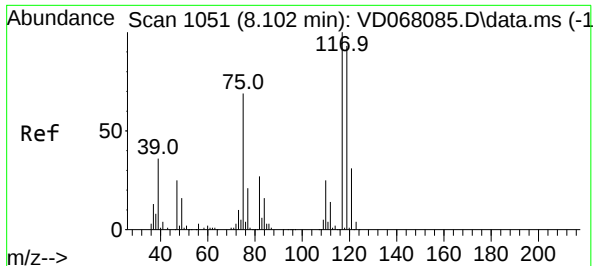
Ion Ratio Lower Upper

75 100

110 8.8 19.4 58.2#

77 0.1 25.3 37.9#

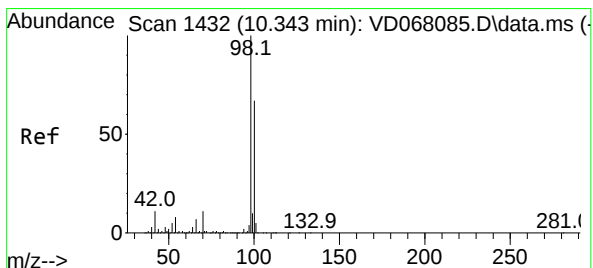
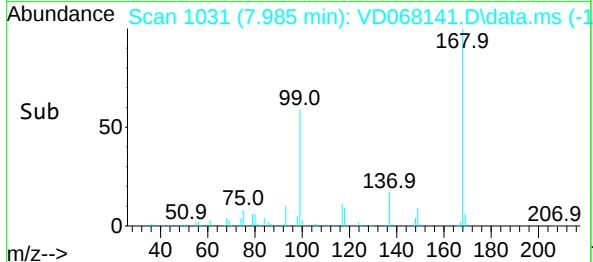
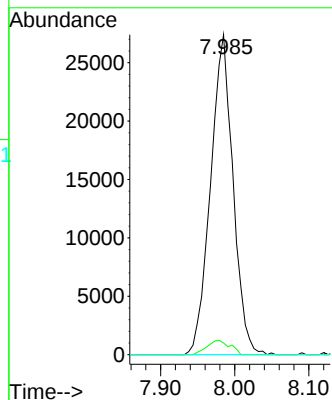
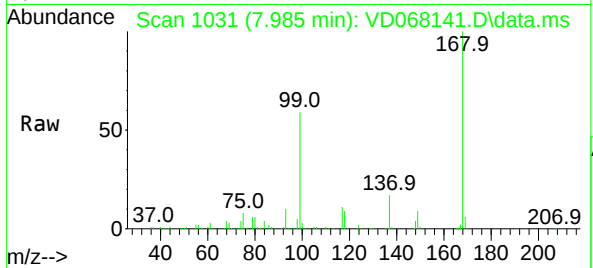




#38
Carbon Tetrachloride
Concen: 6.41 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068141.D
Acq: 21 Jan 2021 19:03

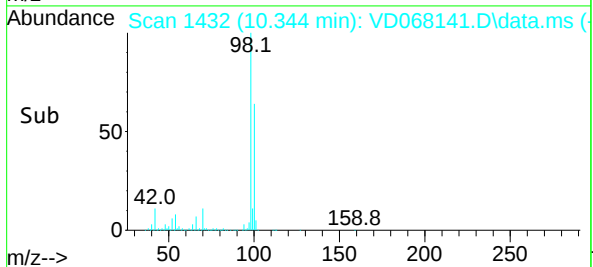
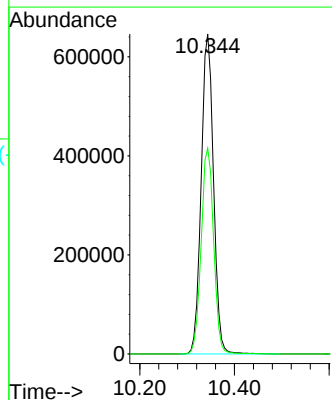
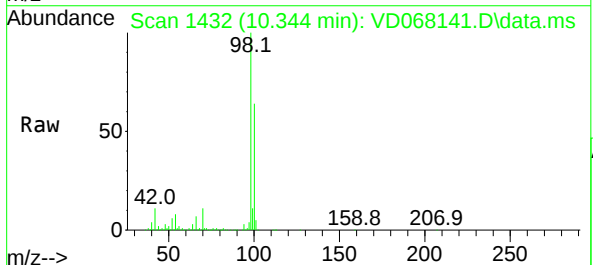
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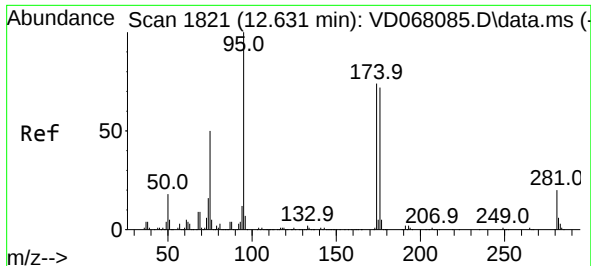
Tgt Ion:117 Resp: 57769
Ion Ratio Lower Upper
117 100
119 3.7 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 55.28 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068141.D
Acq: 21 Jan 2021 19:03

Tgt Ion: 98 Resp: 1166701
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.4

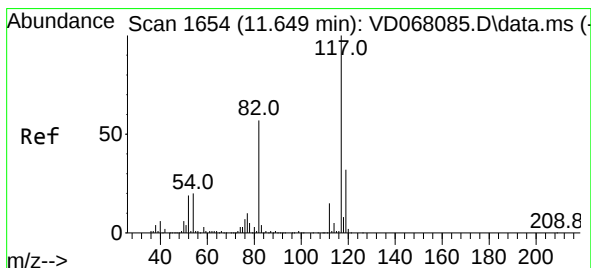
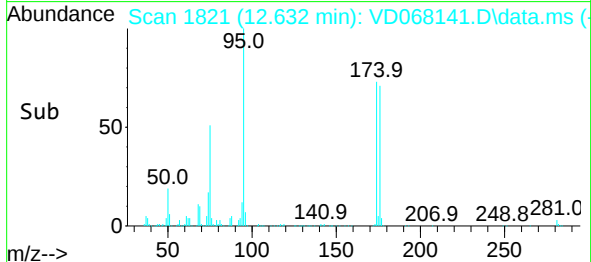
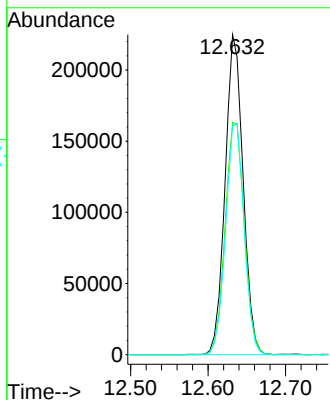
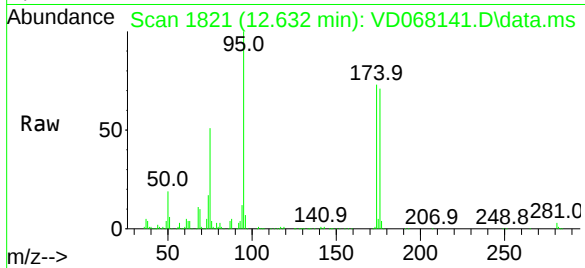




#62
4-Bromofluorobenzene
Concen: 47.92 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068141.D
Acq: 21 Jan 2021 19:03

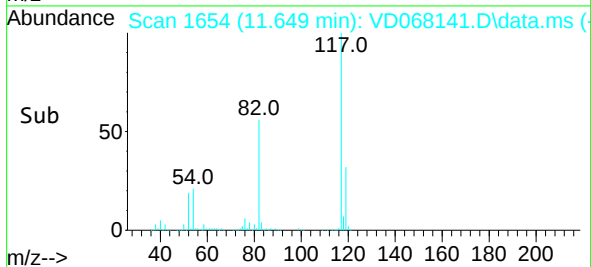
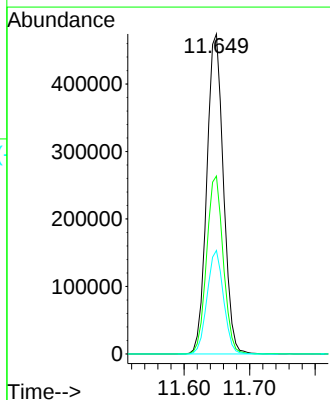
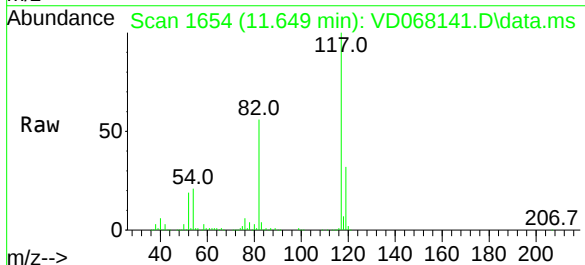
Instrument :
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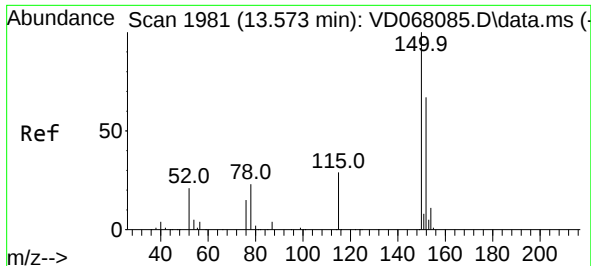
Tgt Ion: 95 Resp: 364186
Ion Ratio Lower Upper
95 100
174 77.4 0.0 172.4
176 74.4 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068141.D
Acq: 21 Jan 2021 19:03

Tgt Ion: 117 Resp: 834236
Ion Ratio Lower Upper
117 100
82 55.5 41.4 62.0
119 32.4 26.1 39.1

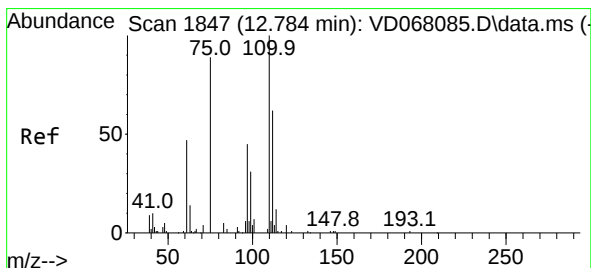
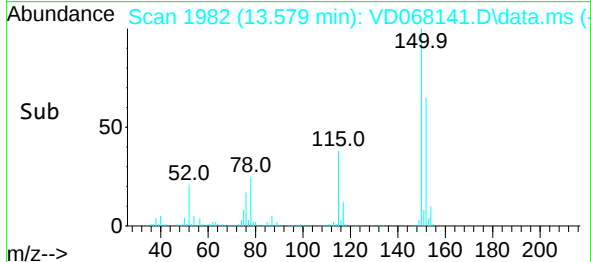
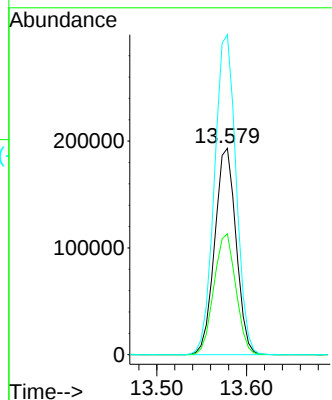
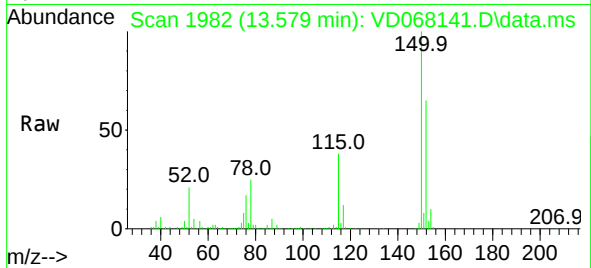




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068141.D
Acq: 21 Jan 2021 19:03

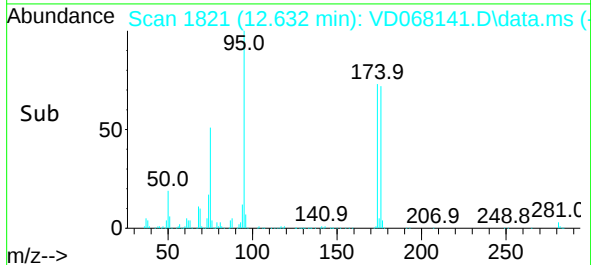
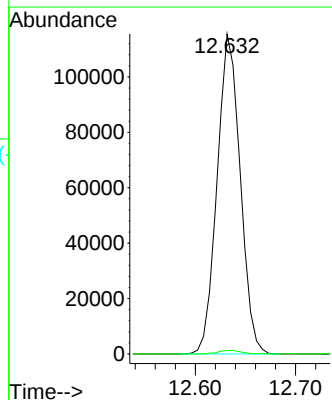
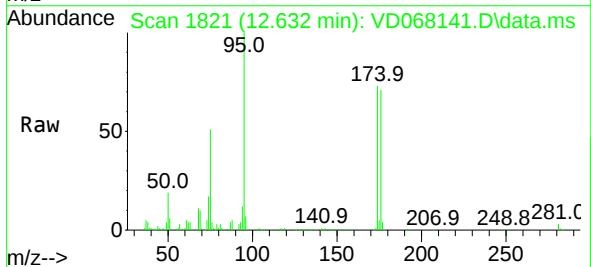
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-009-A

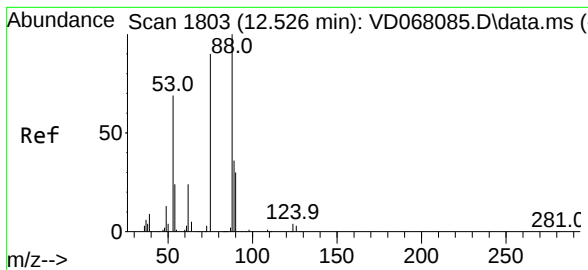
Tgt Ion:152 Resp: 319517
Ion Ratio Lower Upper
152 100
115 60.1 28.9 86.8
150 157.2 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 59.77 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068141.D
Acq: 21 Jan 2021 19:03

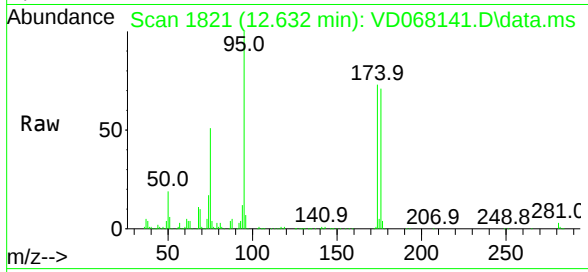
Tgt Ion: 75 Resp: 184649
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.94 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068141.D
 Acq: 21 Jan 2021 19:03

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-SF-03-009-A



Tgt Ion: 75 Resp: 184649
 Ion Ratio Lower Upper
 75 100
 53 0.1 70.2 105.2#
 89 0.0 40.3 60.5#

