

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012121\
 Data File : VD068143.D
 Acq On : 21 Jan 2021 19:57
 Operator : VA/SY
 Sample : M1207-02
 Misc : 5.87G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-SF-03-010-A

Quant Time: Jan 22 00:12:45 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	553647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	954338	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	840142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	350761	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	276869	52.28	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.56%
35) Dibromofluoromethane	7.920	113	273605	51.86	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.72%
50) Toluene-d8	10.344	98	1166512	55.27	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.54%
62) 4-Bromofluorobenzene	12.632	95	372363	48.99	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.98%

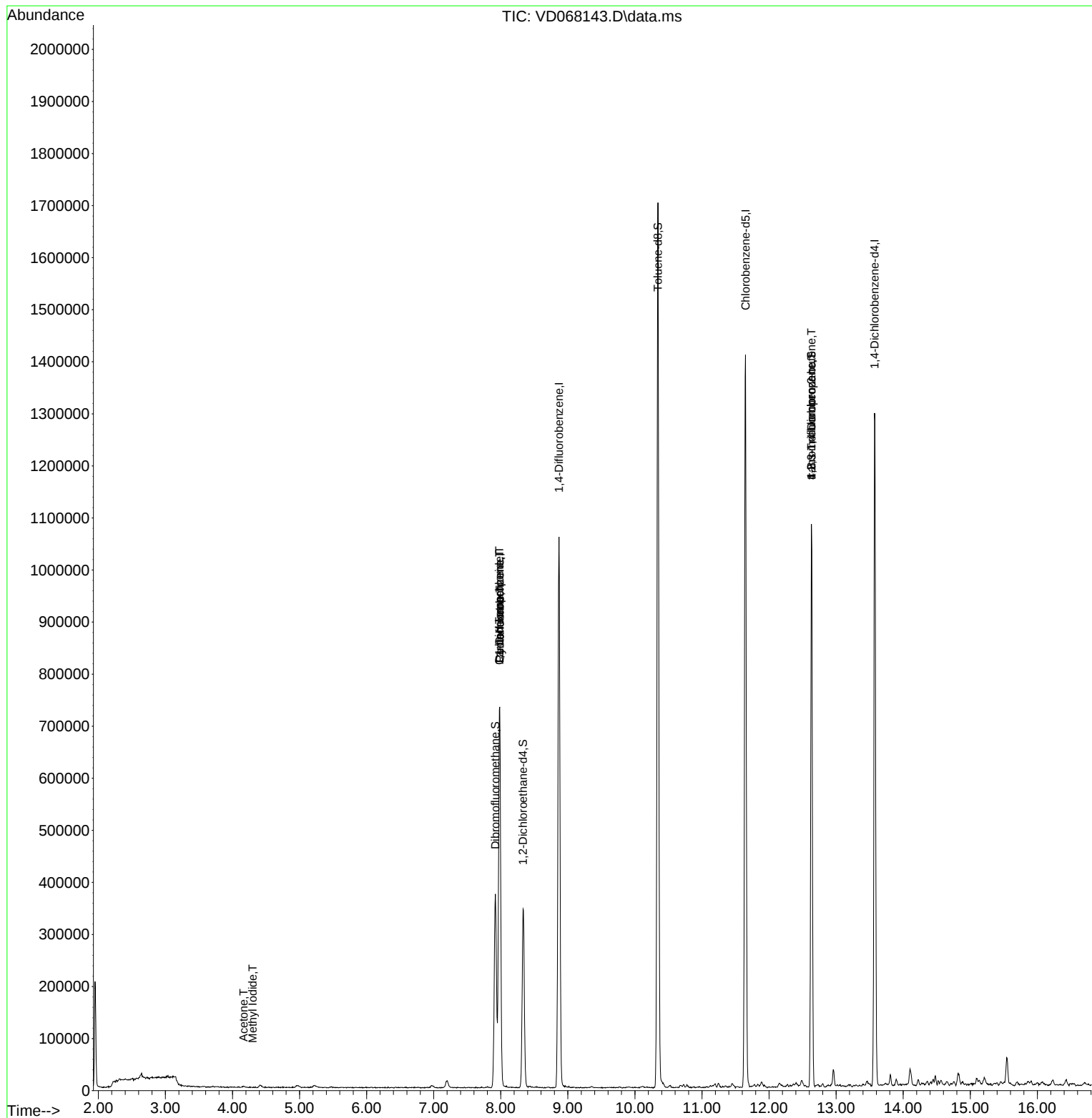
Target Compounds					Qvalue	
10) Methyl Iodide	4.303	142	83	3.17	ug/l #	38
11) Tert butyl alcohol	5.214	59	7300	Below	Cal	98
16) Acetone	4.167	43	3255	3.44	ug/l #	78
20) Methylene Chloride	4.973	84	3765	Below	Cal #	87
31) Cyclohexane	7.985	56	12468	1.09	ug/l #	3
36) 1,1-Dichloropropene	7.979	75	44796	4.65	ug/l #	47
38) Carbon Tetrachloride	7.979	117	56180	6.24	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	193359	57.01	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	193359	115.37	ug/l #	13

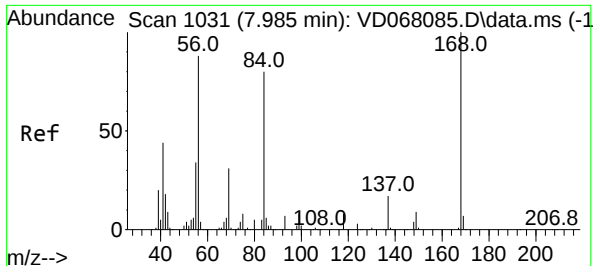
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012121\
Data File : VD068143.D
Acq On : 21 Jan 2021 19:57
Operator : VA/SY
Sample : M1207-02
Misc : 5.87G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-010-A

Quant Time: Jan 22 00:12:45 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

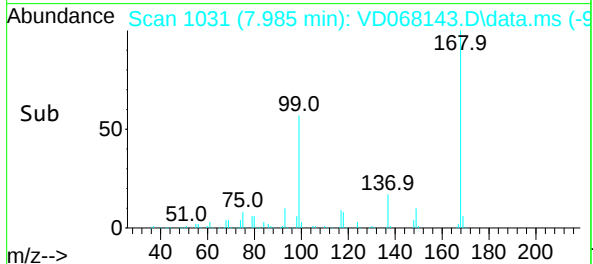
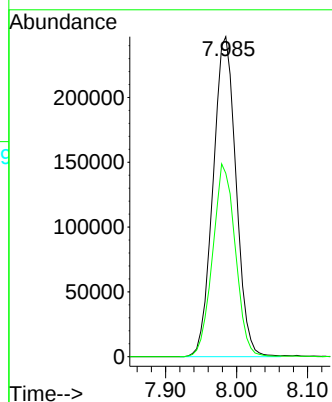
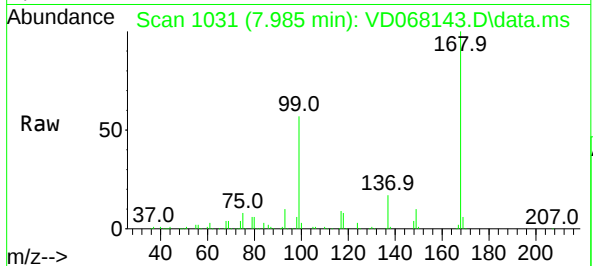




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068143.D
Acq: 21 Jan 2021 19:57

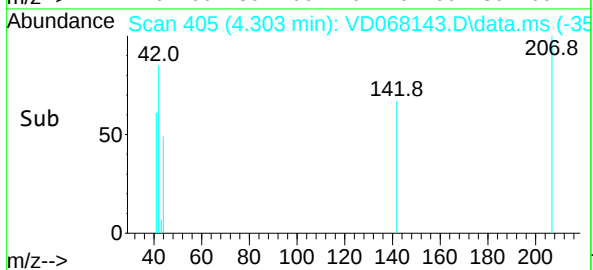
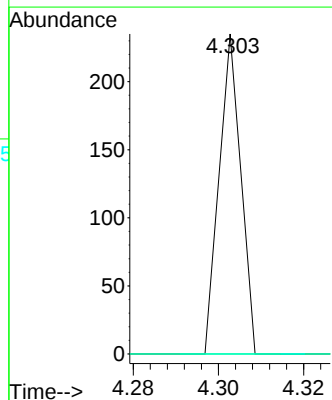
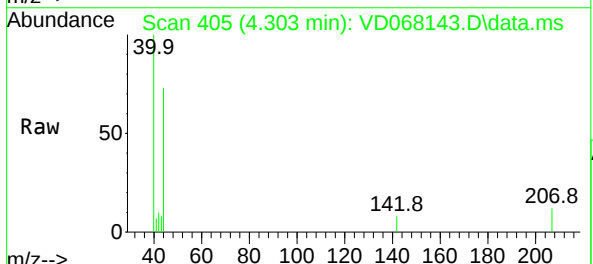
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-010-A

Tgt Ion:168 Resp: 553647
Ion Ratio Lower Upper
168 100
99 57.3 43.5 65.3



#10
Methyl Iodide
Concen: 3.17 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068143.D
Acq: 21 Jan 2021 19:57

Tgt Ion:142 Resp: 83
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

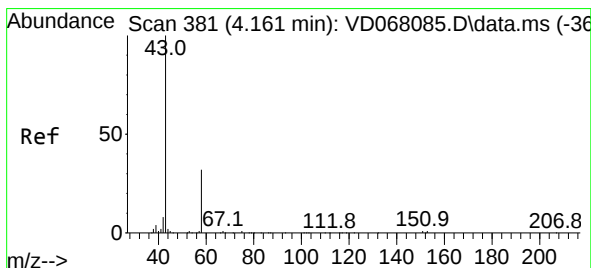
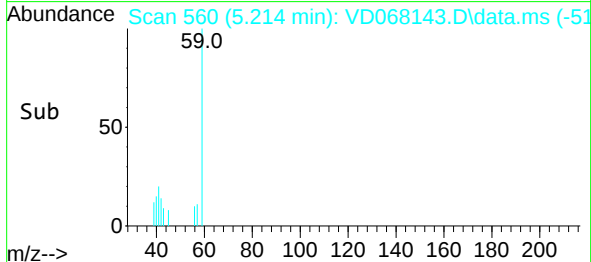
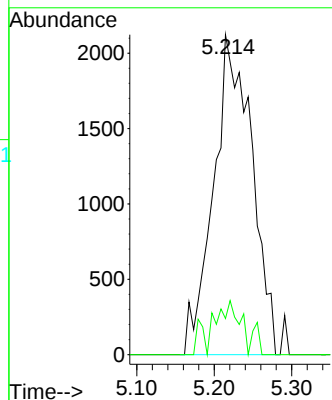
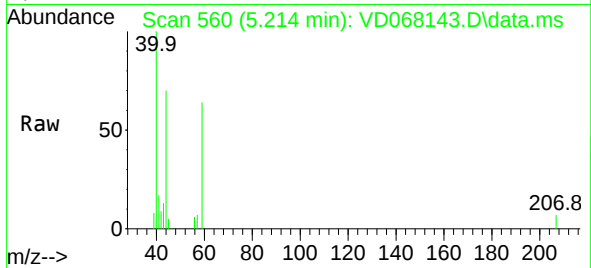




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD068143.D
Acq: 21 Jan 2021 19:57

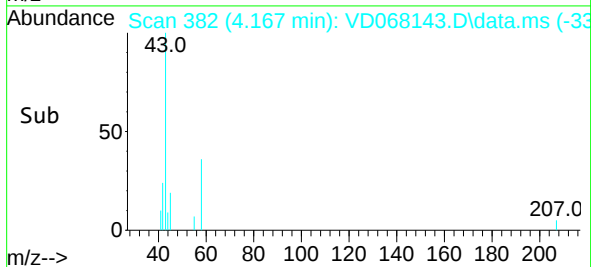
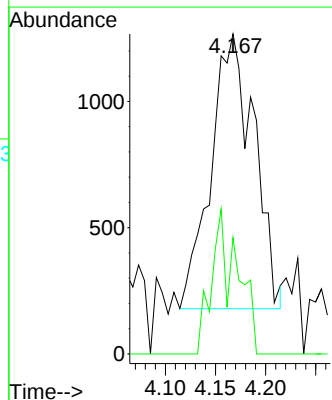
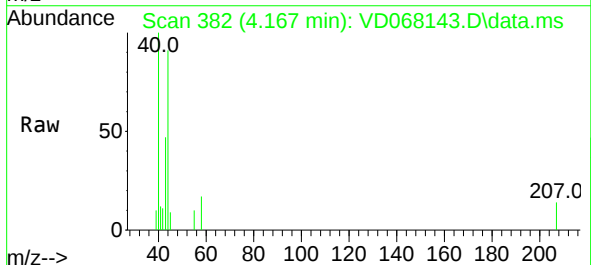
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-010-A

Tgt Ion: 59 Resp: 7300
Ion Ratio Lower Upper
59 100
57 10.2 7.4 11.2



#16
Acetone
Concen: 3.44 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068143.D
Acq: 21 Jan 2021 19:57

Tgt Ion: 43 Resp: 3255
Ion Ratio Lower Upper
43 100
58 42.3 24.2 36.4#

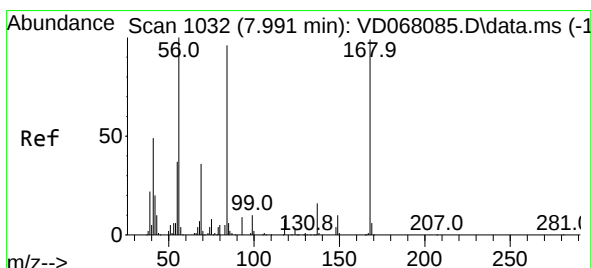
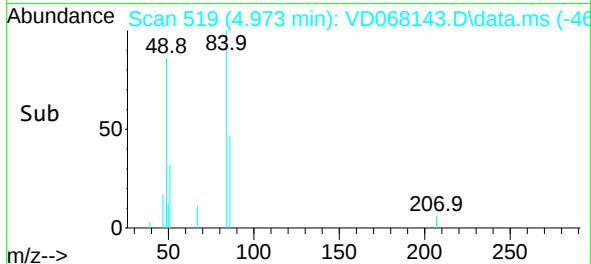
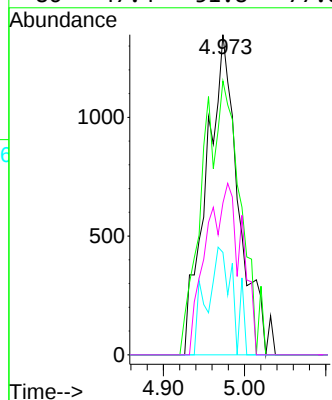
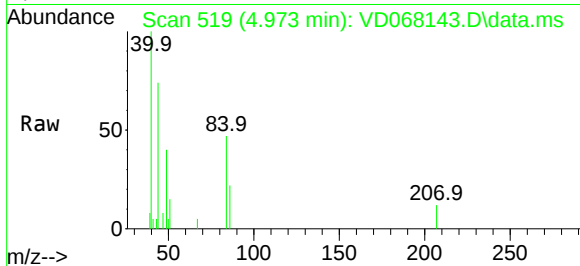




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068143.D
Acq: 21 Jan 2021 19:57

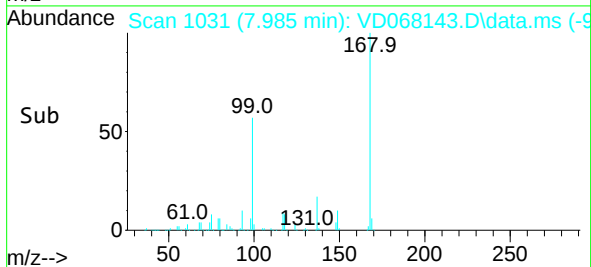
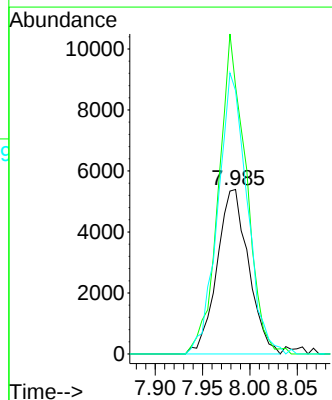
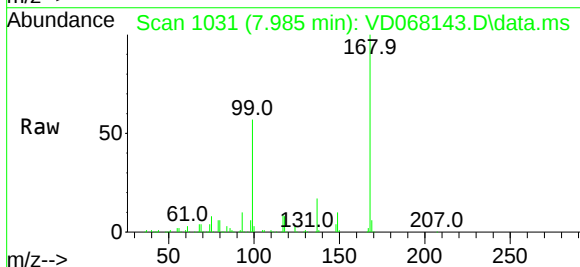
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-010-A

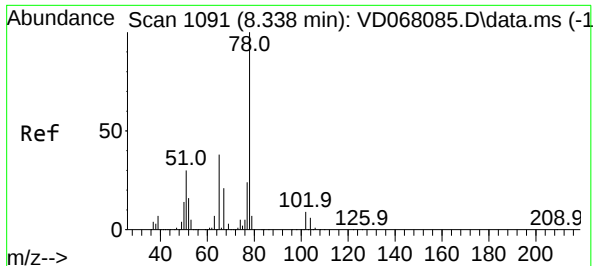
Tgt Ion:	84	Resp:	3765
Ion	Ratio	Lower	Upper
84	100		
49	85.5	77.4	116.2
51	32.0	26.1	39.1
86	47.4	51.8	77.8#



#31
Cyclohexane
Concen: 1.09 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068143.D
Acq: 21 Jan 2021 19:57

Tgt Ion:	56	Resp:	12468
Ion	Ratio	Lower	Upper
56	100		
69	162.7	30.1	45.1#
84	160.2	82.1	123.1#

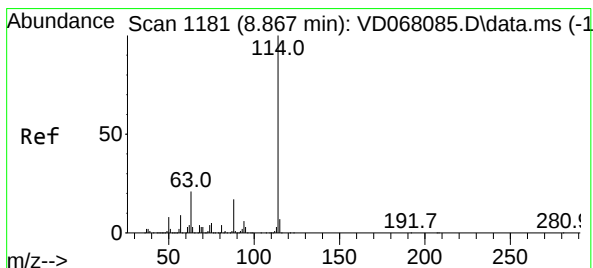
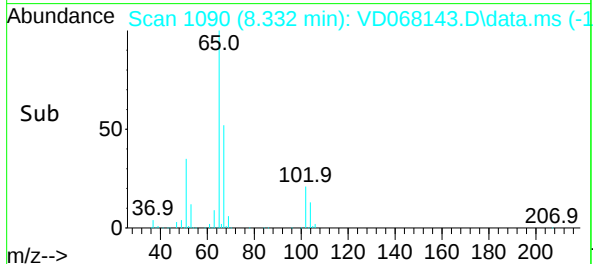
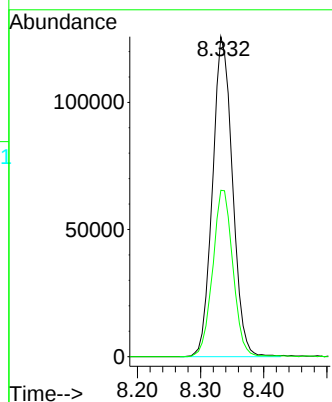
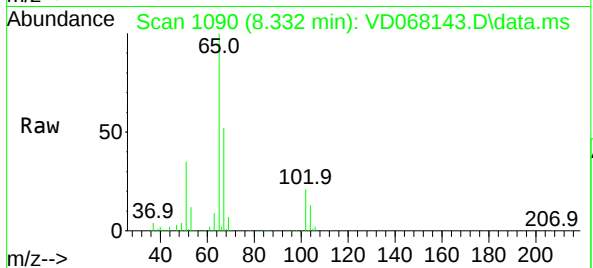




#33
1,2-Dichloroethane-d4
Concen: 52.28 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068143.D
Acq: 21 Jan 2021 19:57

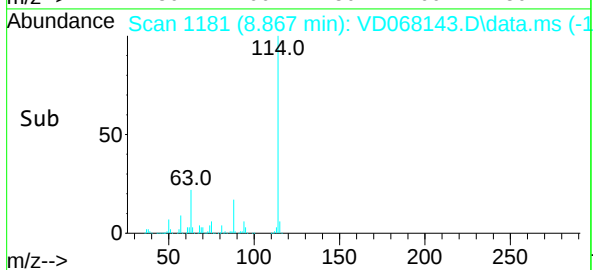
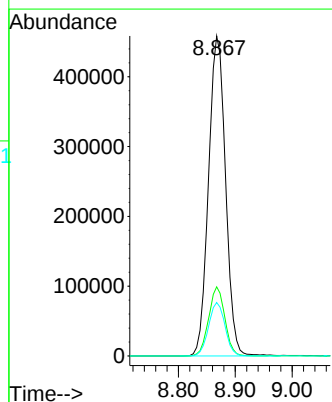
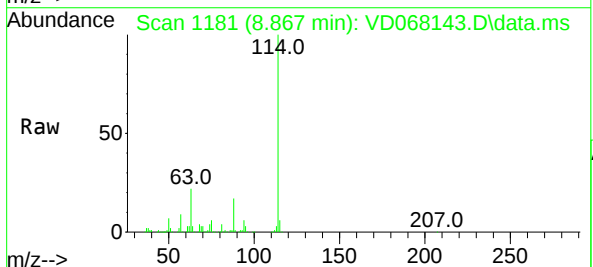
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-010-A

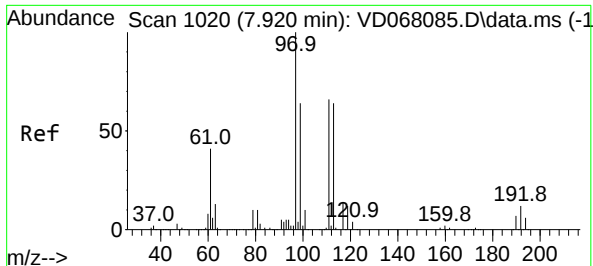
Tgt Ion: 65 Resp: 276869
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068143.D
Acq: 21 Jan 2021 19:57

Tgt Ion: 114 Resp: 954338
Ion Ratio Lower Upper
114 100
63 21.6 0.0 34.8
88 16.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.86 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068143.D

Acq: 21 Jan 2021 19:57

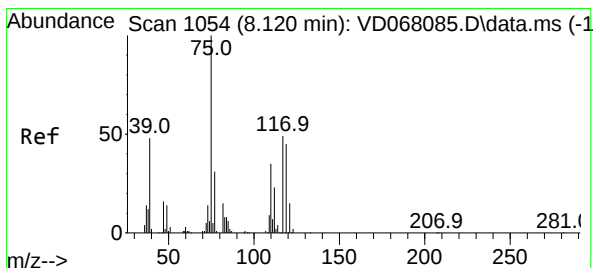
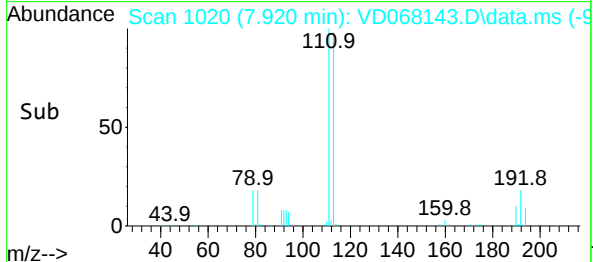
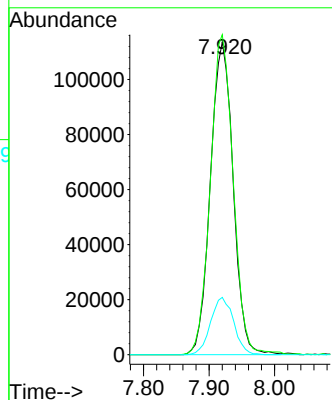
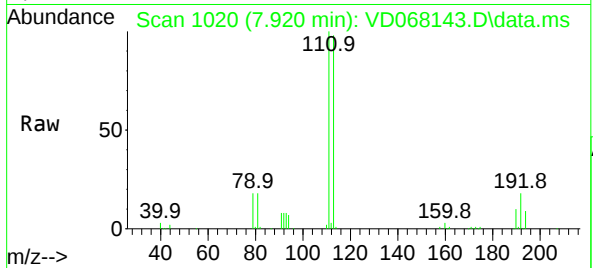
Tgt Ion:113 Resp: 273605

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 18.5 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.65 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.141 min

Lab File: VD068143.D

Acq: 21 Jan 2021 19:57

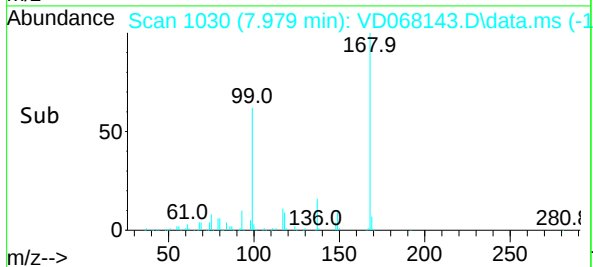
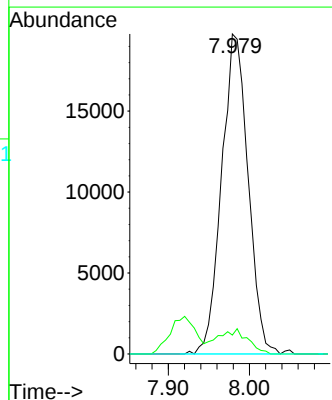
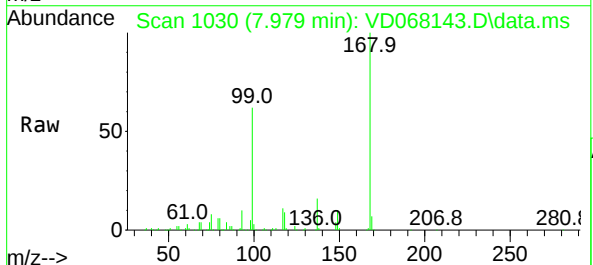
Tgt Ion: 75 Resp: 44796

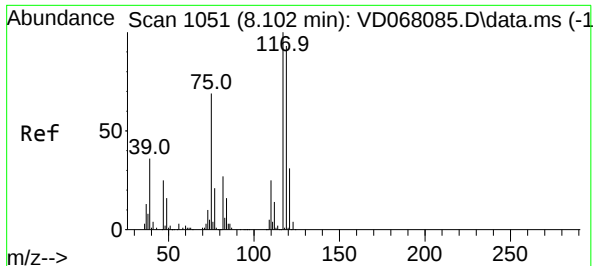
Ion Ratio Lower Upper

75 100

110 8.5 19.4 58.2#

77 0.0 25.3 37.9#

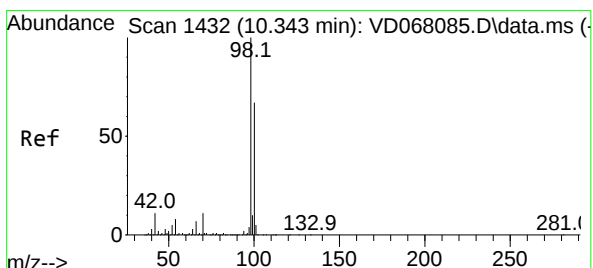
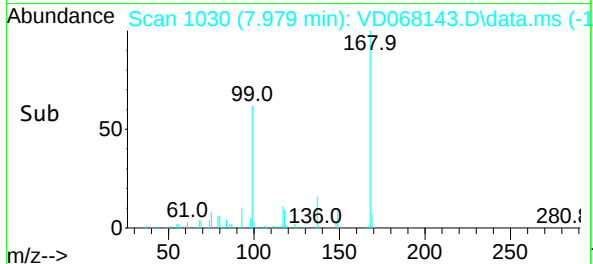
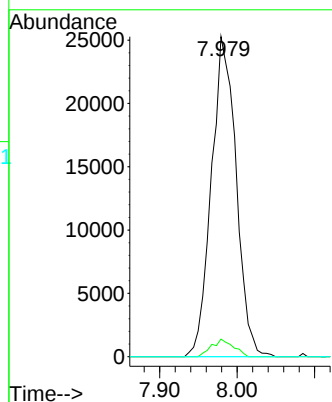
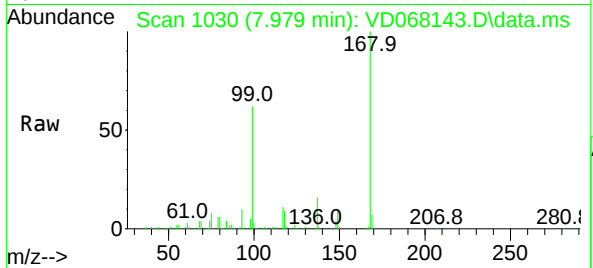




#38
Carbon Tetrachloride
Concen: 6.24 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068143.D
Acq: 21 Jan 2021 19:57

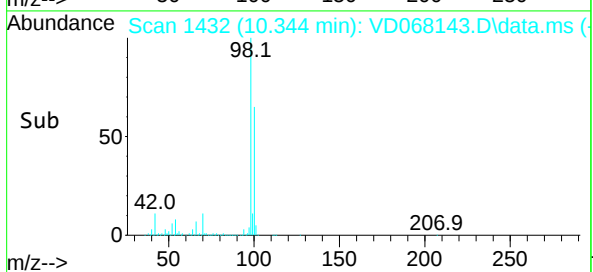
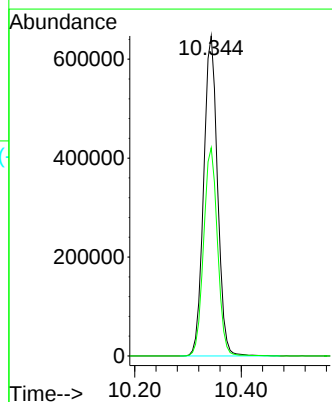
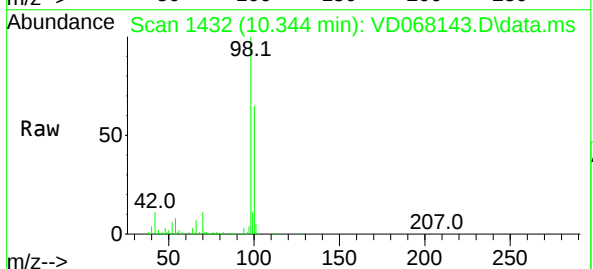
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-010-A

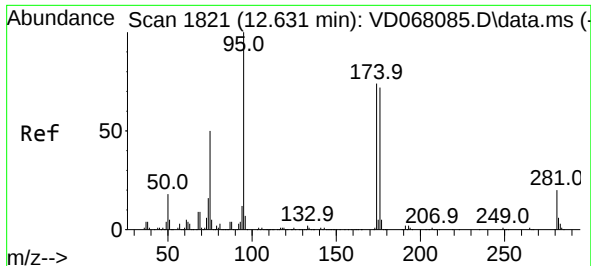
Tgt Ion:117 Resp: 56180
Ion Ratio Lower Upper
117 100
119 5.5 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 55.27 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068143.D
Acq: 21 Jan 2021 19:57

Tgt Ion: 98 Resp: 1166512
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.4

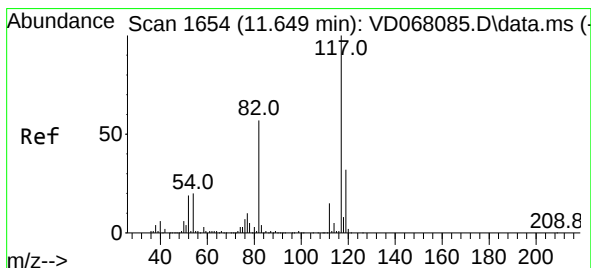
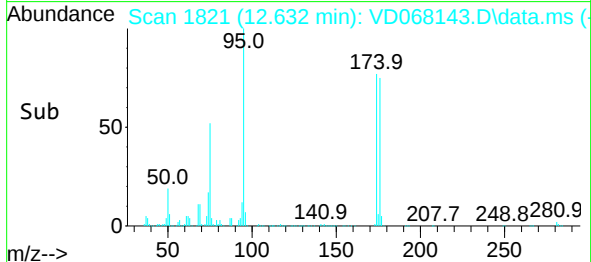
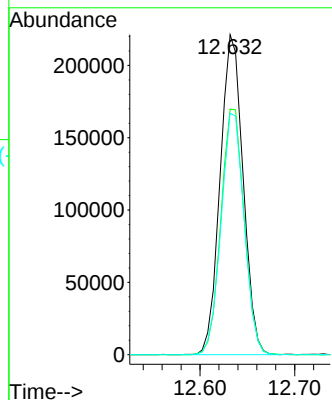
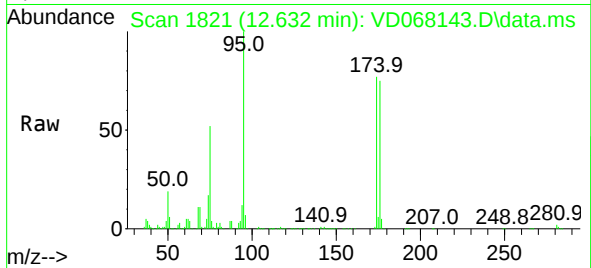




#62
4-Bromofluorobenzene
Concen: 48.99 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068143.D
Acq: 21 Jan 2021 19:57

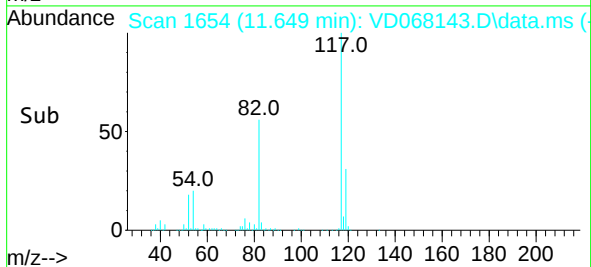
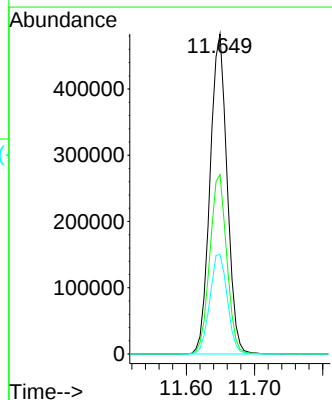
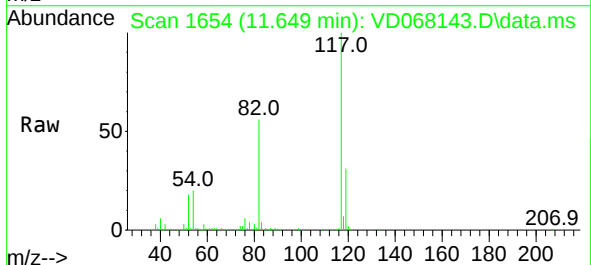
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-010-A

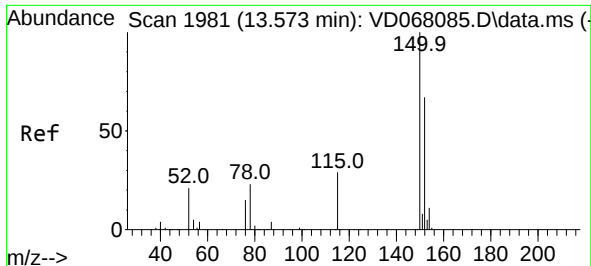
Tgt Ion: 95 Resp: 372363
Ion Ratio Lower Upper
95 100
174 78.0 0.0 172.4
176 76.1 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068143.D
Acq: 21 Jan 2021 19:57

Tgt Ion: 117 Resp: 840142
Ion Ratio Lower Upper
117 100
82 56.0 41.4 62.0
119 31.0 26.1 39.1

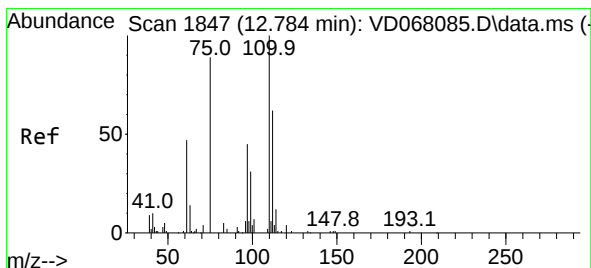
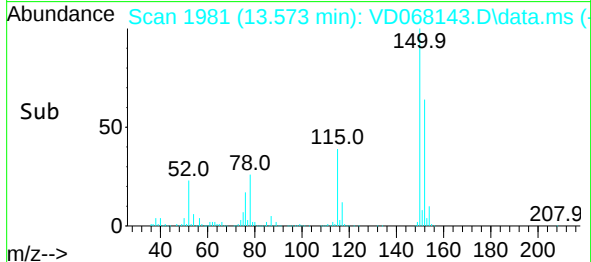
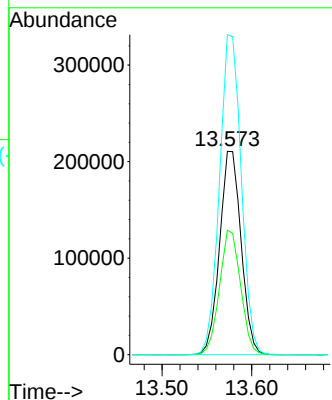
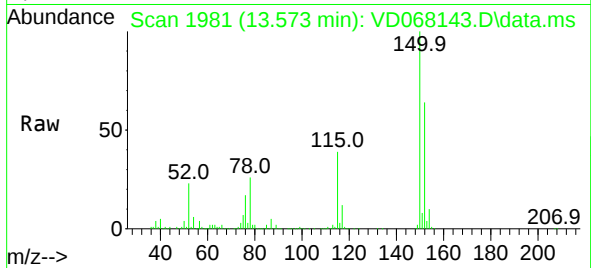




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068143.D
Acq: 21 Jan 2021 19:57

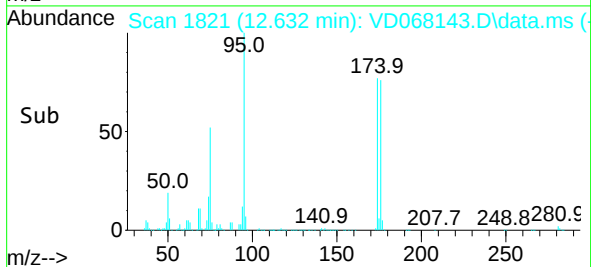
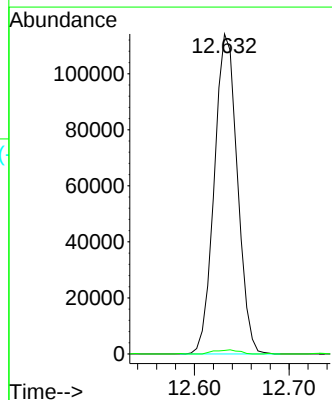
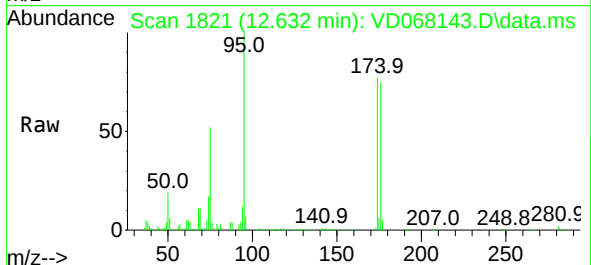
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-010-A

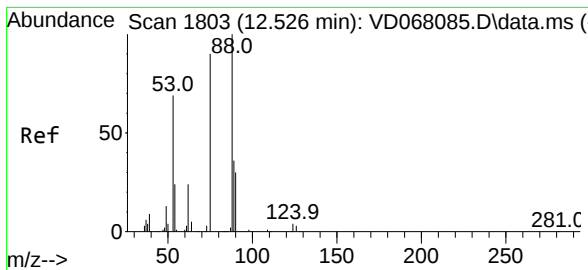
Tgt Ion:152 Resp: 350761
Ion Ratio Lower Upper
152 100
115 60.0 28.9 86.8
150 159.0 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 57.01 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068143.D
Acq: 21 Jan 2021 19:57

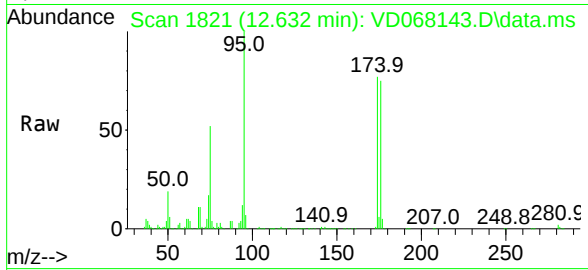
Tgt Ion: 75 Resp: 193359
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.37 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068143.D
 Acq: 21 Jan 2021 19:57

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-SF-03-010-A



Tgt Ion: 75 Resp: 193359
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

