

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012121\
 Data File : VD068144.D
 Acq On : 21 Jan 2021 20:25
 Operator : VA/SY
 Sample : M1207-04
 Misc : 7.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jan 22 00:13:02 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)

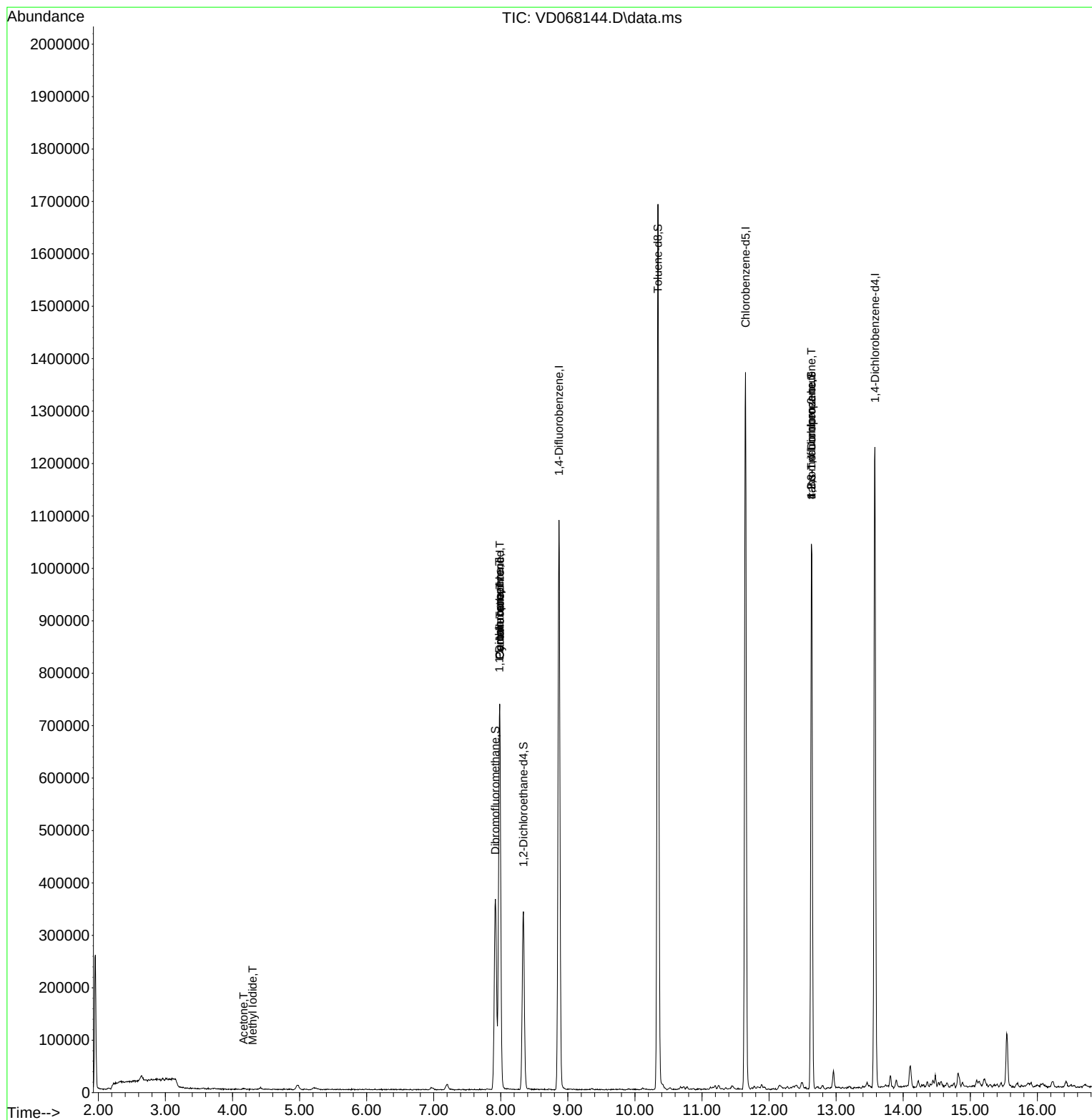
Internal Standards						
1) Pentafluorobenzene	7.985	168	555656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	954035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	827188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.578	152	332114	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.337	65	274325	51.61	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.22%
35) Dibromofluoromethane	7.920	113	268580	50.92	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.84%
50) Toluene-d8	10.343	98	1168250	55.37	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.74%
62) 4-Bromofluorobenzene	12.631	95	365237	48.07	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.14%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.302	142	71	3.17	ug/l #	38
11) Tert butyl alcohol	5.208	59	6970	Below	Cal #	82
16) Acetone	4.167	43	2922	3.08	ug/l #	83
20) Methylene Chloride	4.967	84	6287	Below	Cal	95
31) Cyclohexane	7.985	56	12194	1.06	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	44497	4.63	ug/l #	47
38) Carbon Tetrachloride	7.985	117	55364	6.15	ug/l #	15
76) 1,2,3-Trichloropropane	12.631	75	187108	58.27	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.631	75	187108	117.91	ug/l #	13

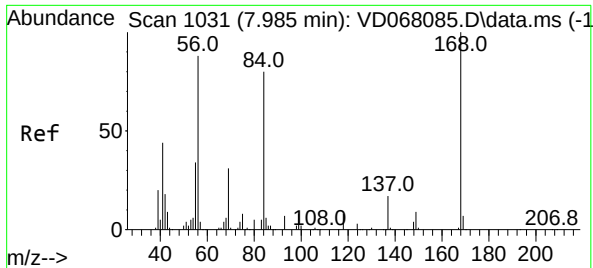
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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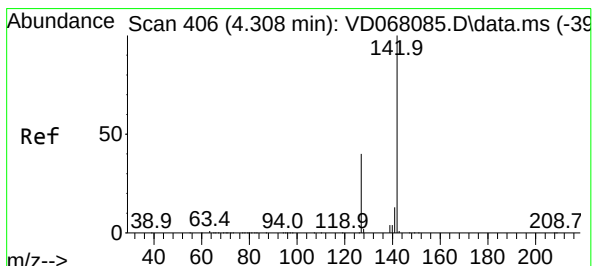
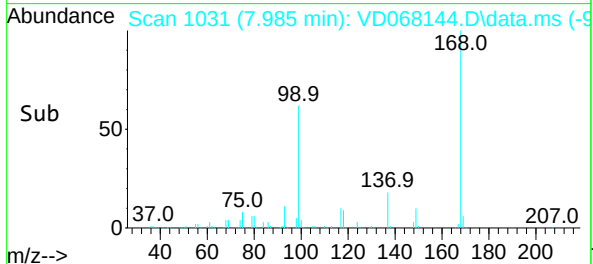
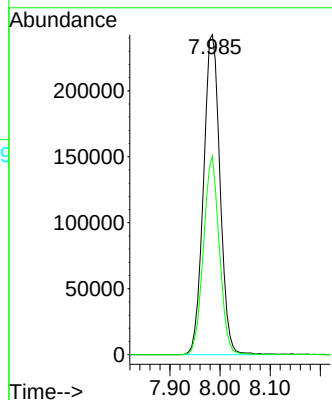
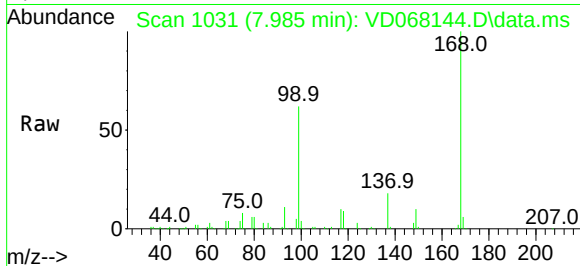




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068144.D
Acq: 21 Jan 2021 20:25

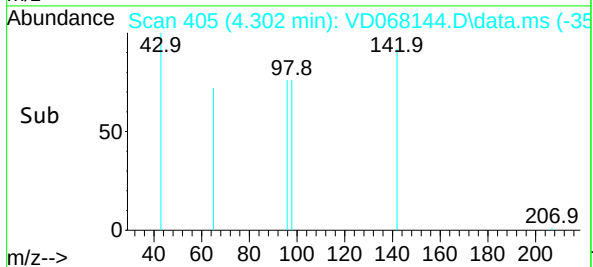
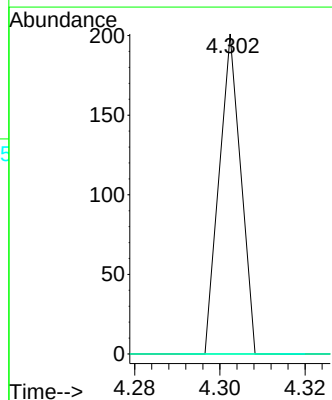
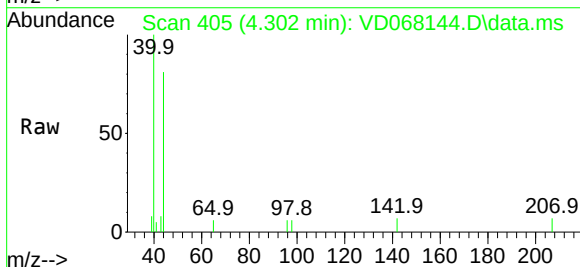
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-010-B

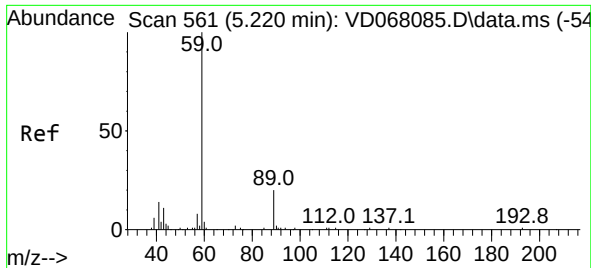
Tgt Ion:168 Resp: 555656
Ion Ratio Lower Upper
168 100
99 61.9 43.5 65.3



#10
Methyl Iodide
Concen: 3.17 ug/l
RT: 4.302 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD068144.D
Acq: 21 Jan 2021 20:25

Tgt Ion:142 Resp: 71
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

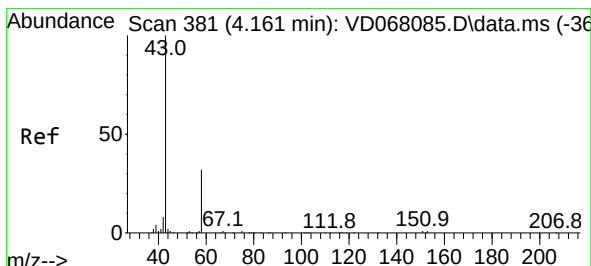
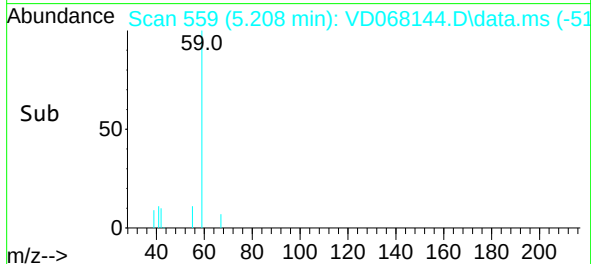
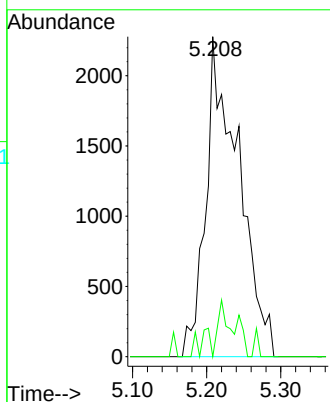
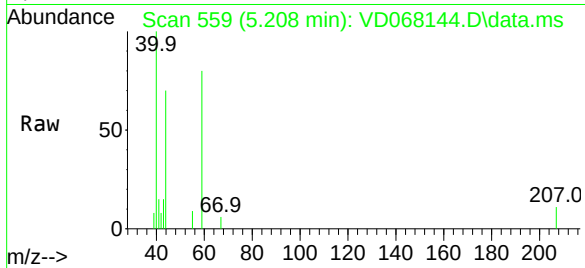




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.208 min Scan# 559
Delta R.T. -0.012 min
Lab File: VD068144.D
Acq: 21 Jan 2021 20:25

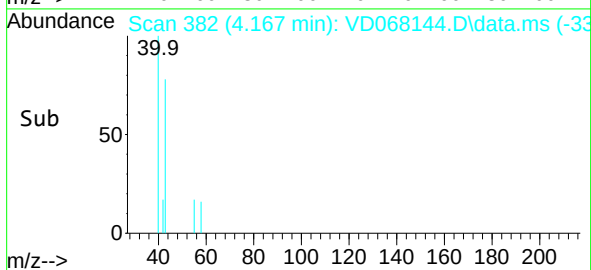
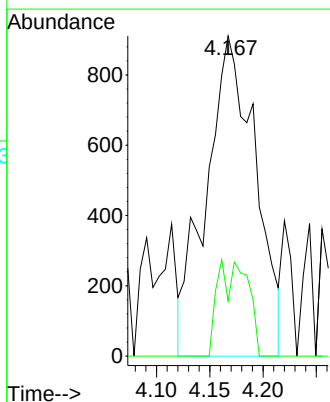
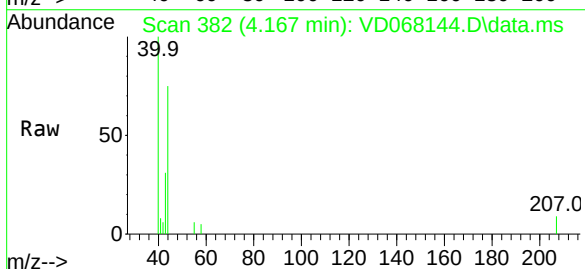
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-010-B

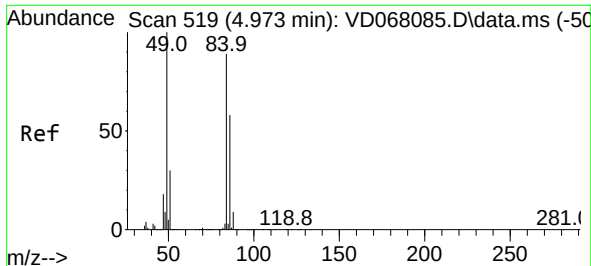
Tgt Ion: 59 Resp: 6970
Ion Ratio Lower Upper
59 100
57 2.9 7.4 11.2#



#16
Acetone
Concen: 3.08 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068144.D
Acq: 21 Jan 2021 20:25

Tgt Ion: 43 Resp: 2922
Ion Ratio Lower Upper
43 100
58 21.1 24.2 36.4#



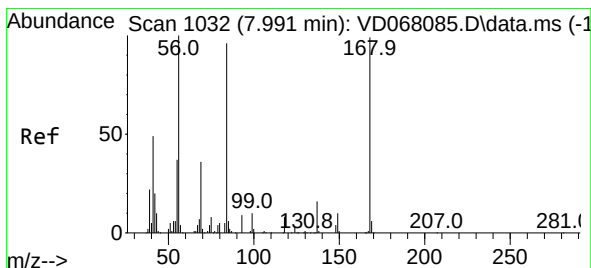
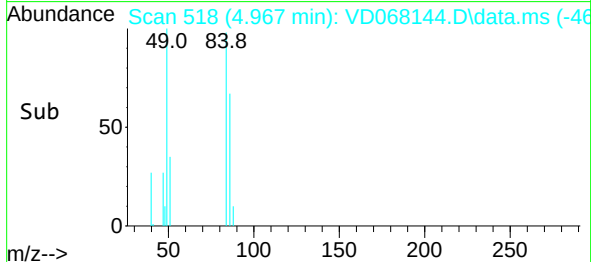
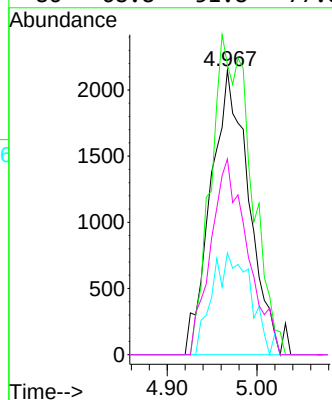
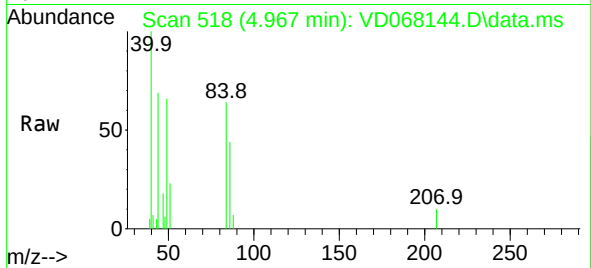


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068144.D
Acq: 21 Jan 2021 20:25

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

Tgt Ion: 84 Resp: 6287

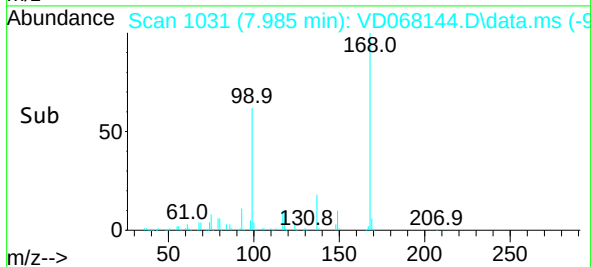
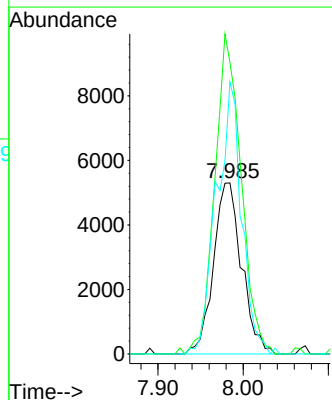
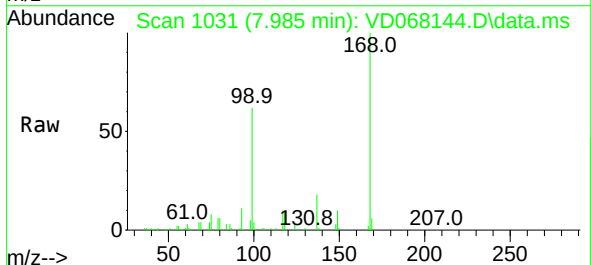
Ion	Ratio	Lower	Upper
84	100		
49	102.0	77.4	116.2
51	35.8	26.1	39.1
86	68.8	51.8	77.8

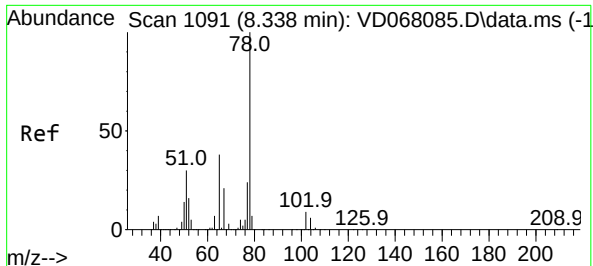


#31
Cyclohexane
Concen: 1.06 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068144.D
Acq: 21 Jan 2021 20:25

Tgt Ion: 56 Resp: 12194

Ion	Ratio	Lower	Upper
56	100		
69	170.3	30.1	45.1#
84	158.9	82.1	123.1#

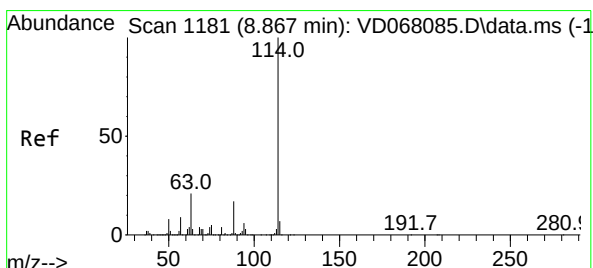
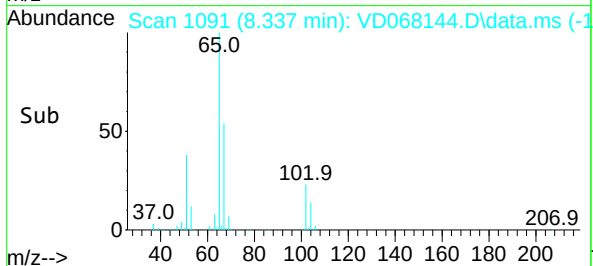
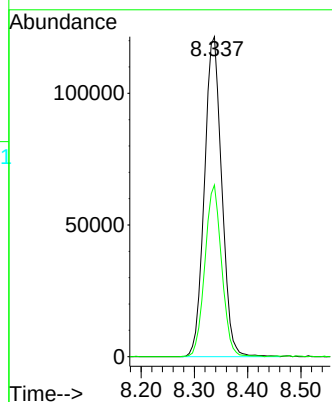
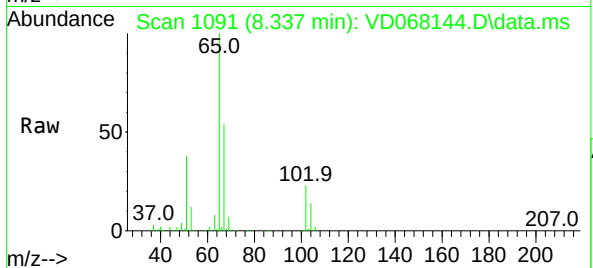




#33
1,2-Dichloroethane-d4
Concen: 51.61 ug/l
RT: 8.337 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD068144.D
Acq: 21 Jan 2021 20:25

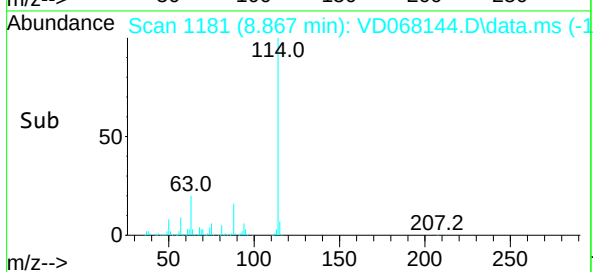
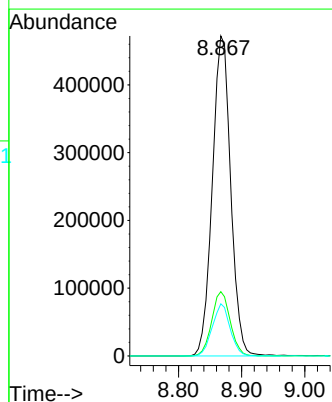
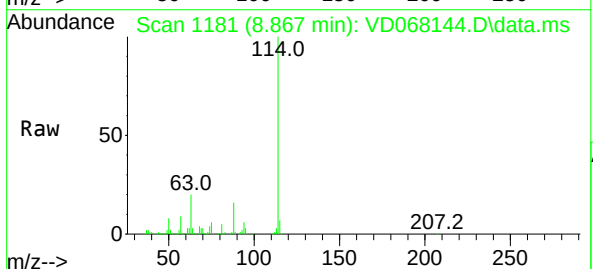
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-010-B

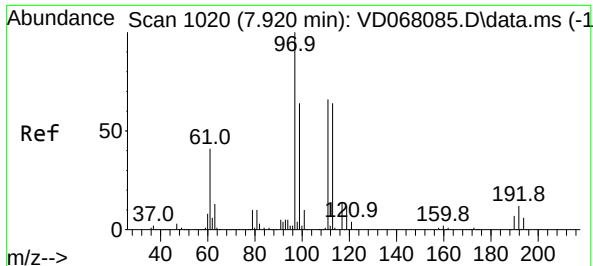
Tgt Ion: 65 Resp: 274325
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068144.D
Acq: 21 Jan 2021 20:25

Tgt Ion: 114 Resp: 954035
Ion Ratio Lower Upper
114 100
63 20.1 0.0 34.8
88 16.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.92 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VD068144.D

Acq: 21 Jan 2021 20:25

Tgt Ion:113 Resp: 268580

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

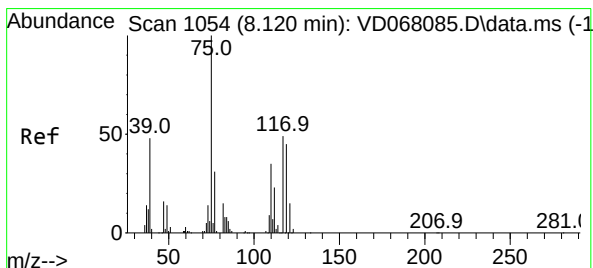
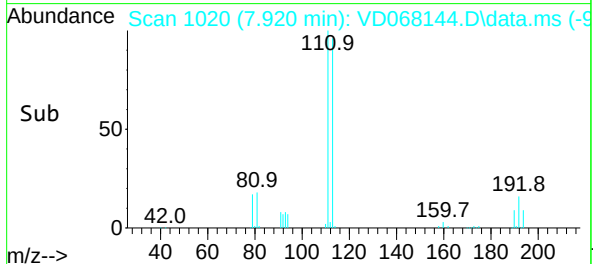
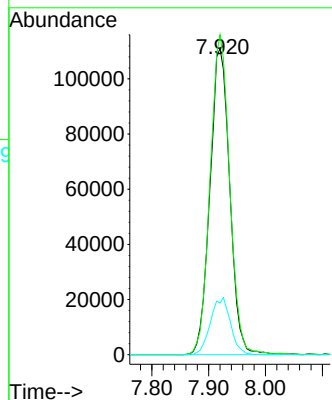
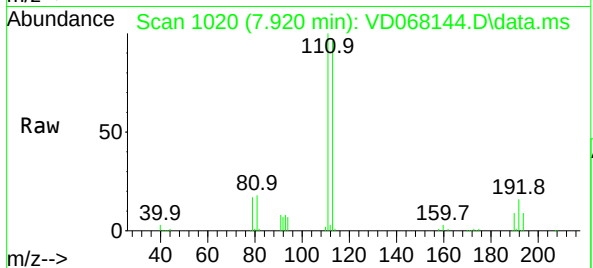
192 18.8 16.1 24.1

Instrument :

MSVOA_D

ClientSampleId :

FK-SF-03-010-B



#36

1,1-Dichloropropene

Concen: 4.63 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.141 min

Lab File: VD068144.D

Acq: 21 Jan 2021 20:25

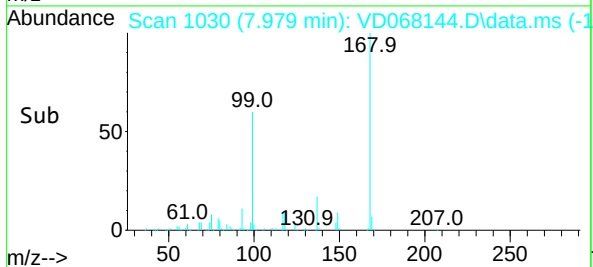
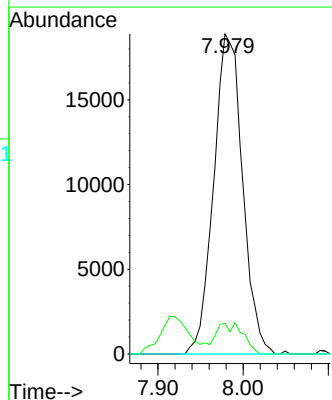
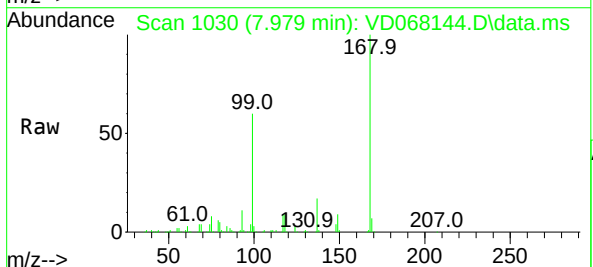
Tgt Ion: 75 Resp: 44497

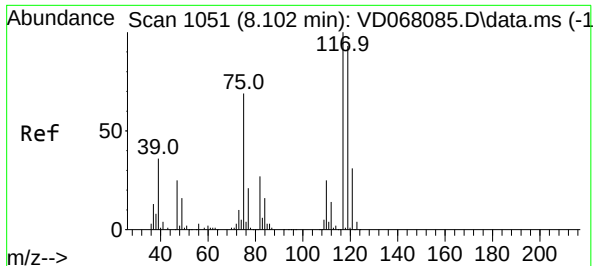
Ion Ratio Lower Upper

75 100

110 8.7 19.4 58.2#

77 0.0 25.3 37.9#

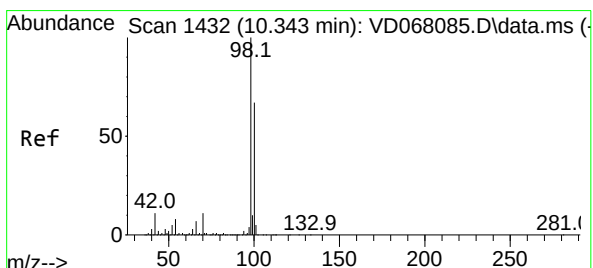
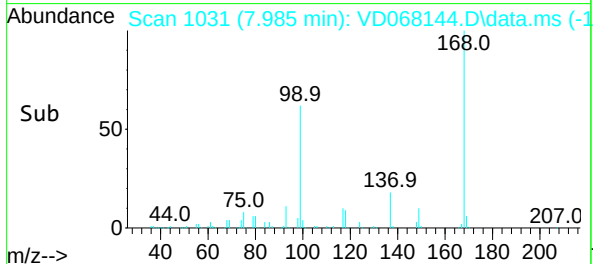
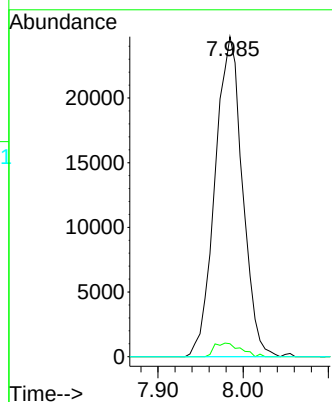
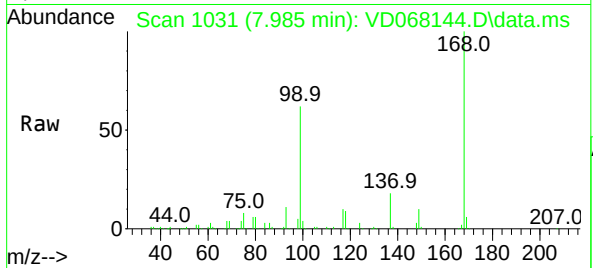




#38
Carbon Tetrachloride
Concen: 6.15 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.118 min
Lab File: VD068144.D
Acq: 21 Jan 2021 20:25

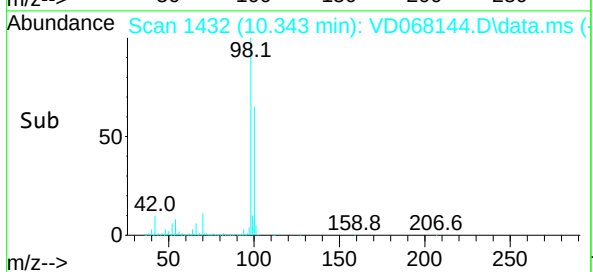
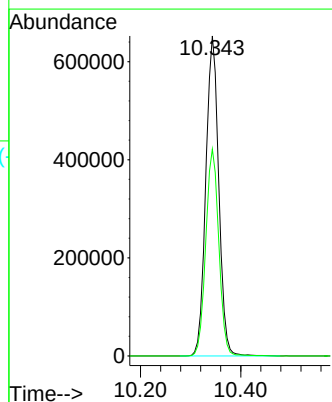
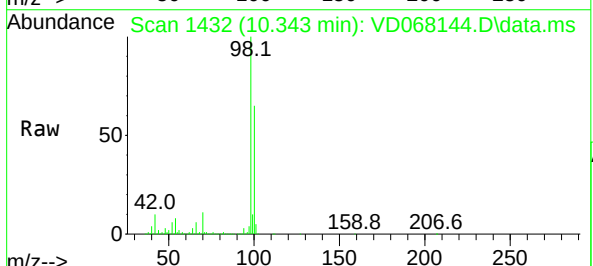
Instrument :
MSVOA_D
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FK-SF-03-010-B

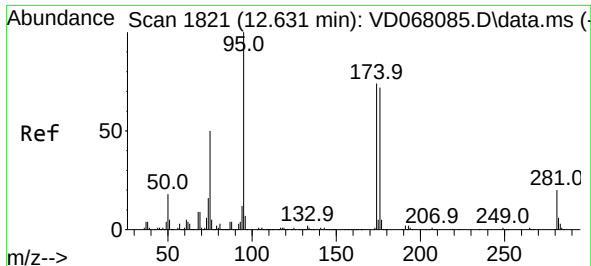
Tgt Ion:117 Resp: 55364
Ion Ratio Lower Upper
117 100
119 4.0 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 55.37 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068144.D
Acq: 21 Jan 2021 20:25

Tgt Ion: 98 Resp: 1168250
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4

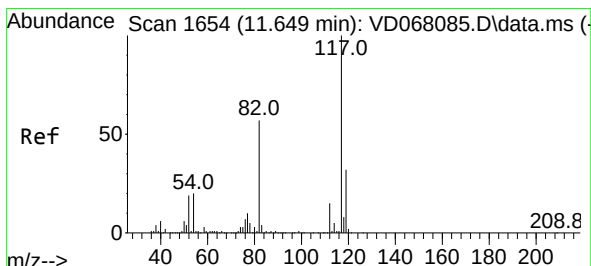
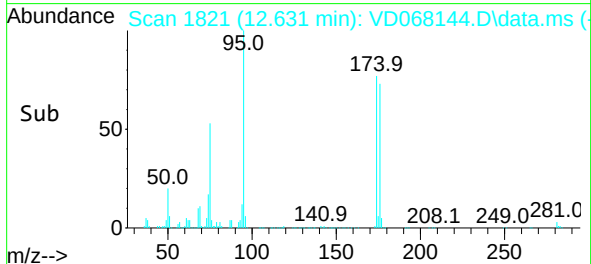
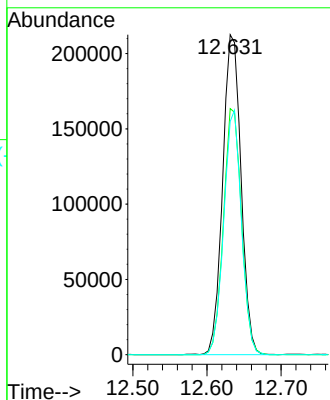
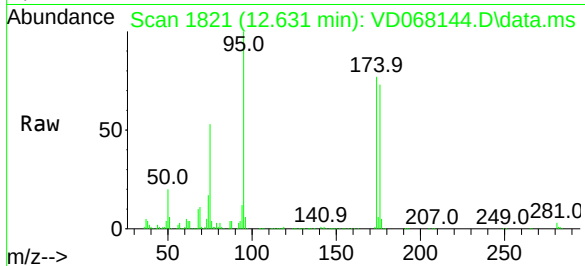




#62
4-Bromofluorobenzene
Concen: 48.07 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068144.D
Acq: 21 Jan 2021 20:25

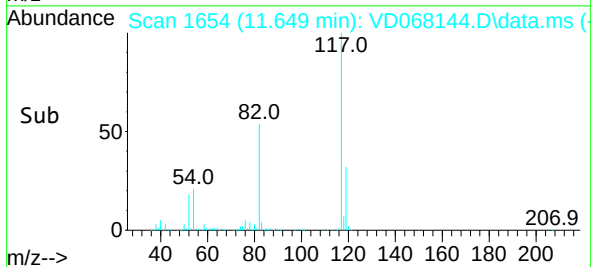
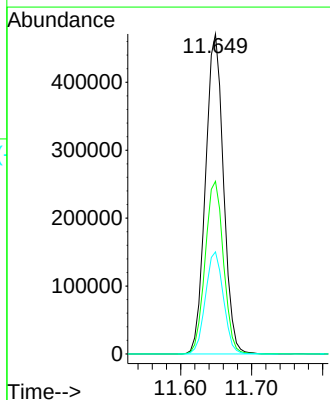
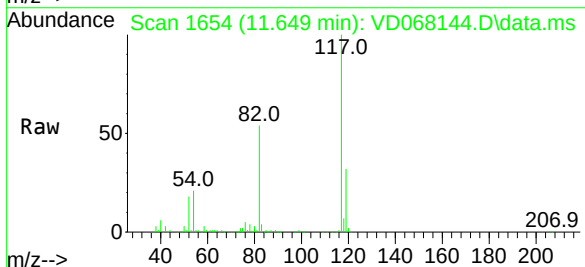
Instrument :
MSVOA_D
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FK-SF-03-010-B

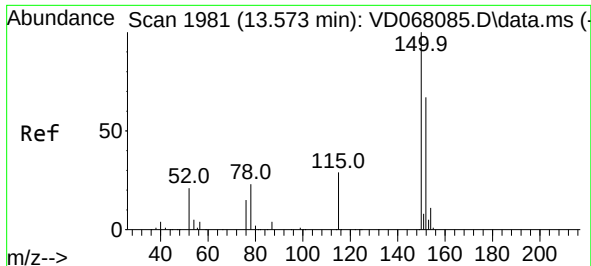
Tgt Ion: 95 Resp: 365237
Ion Ratio Lower Upper
95 100
174 75.6 0.0 172.4
176 73.5 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068144.D
Acq: 21 Jan 2021 20:25

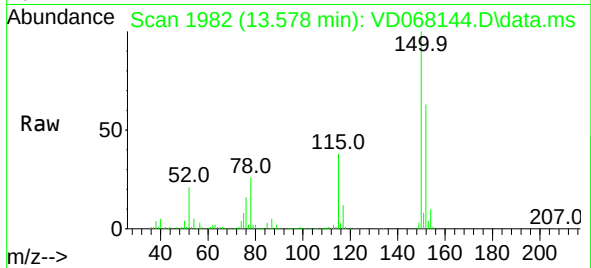
Tgt Ion: 117 Resp: 827188
Ion Ratio Lower Upper
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82 54.0 41.4 62.0
119 31.9 26.1 39.1



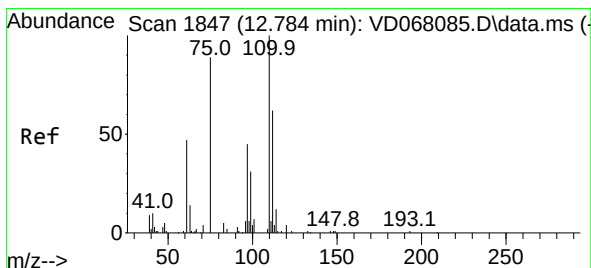
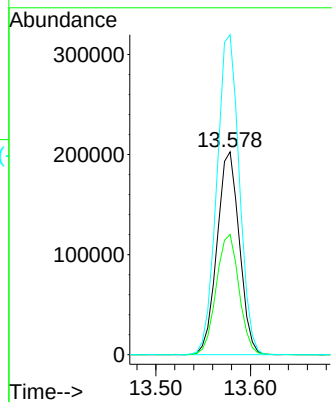
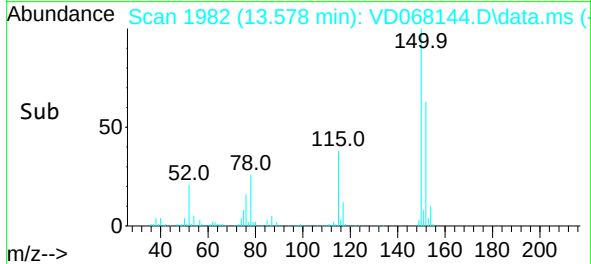


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.578 min Scan# 1982
 Delta R.T. 0.006 min
 Lab File: VD068144.D
 Acq: 21 Jan 2021 20:25

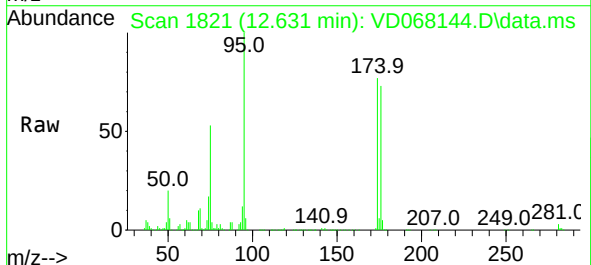
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-SF-03-010-B



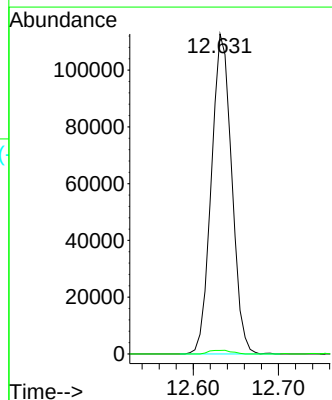
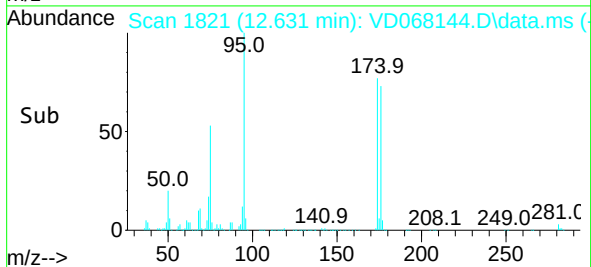
Tgt Ion:152 Resp: 332114
 Ion Ratio Lower Upper
 152 100
 115 60.5 28.9 86.8
 150 159.0 0.0 344.4

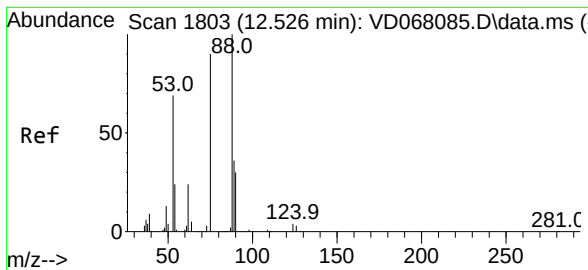


#76
 1,2,3-Trichloropropane
 Concen: 58.27 ug/l
 RT: 12.631 min Scan# 1821
 Delta R.T. -0.153 min
 Lab File: VD068144.D
 Acq: 21 Jan 2021 20:25



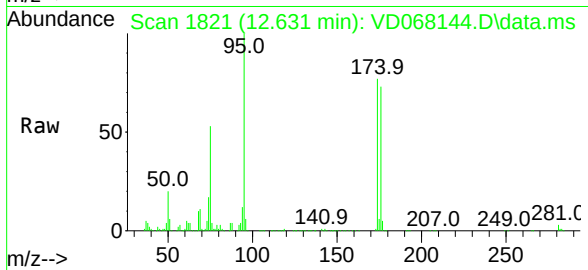
Tgt Ion: 75 Resp: 187108
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.91 ug/l
 RT: 12.631 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068144.D
 Acq: 21 Jan 2021 20:25

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



Tgt Ion: 75 Resp: 187108
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

