

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011321\
 Data File : VD068070.D
 Acq On : 13 Jan 2021 14:45
 Operator : VA/SY
 Sample : M1069-04
 Misc : 6.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-065-B

Quant Time: Jan 13 15:26:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 13 03:57:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

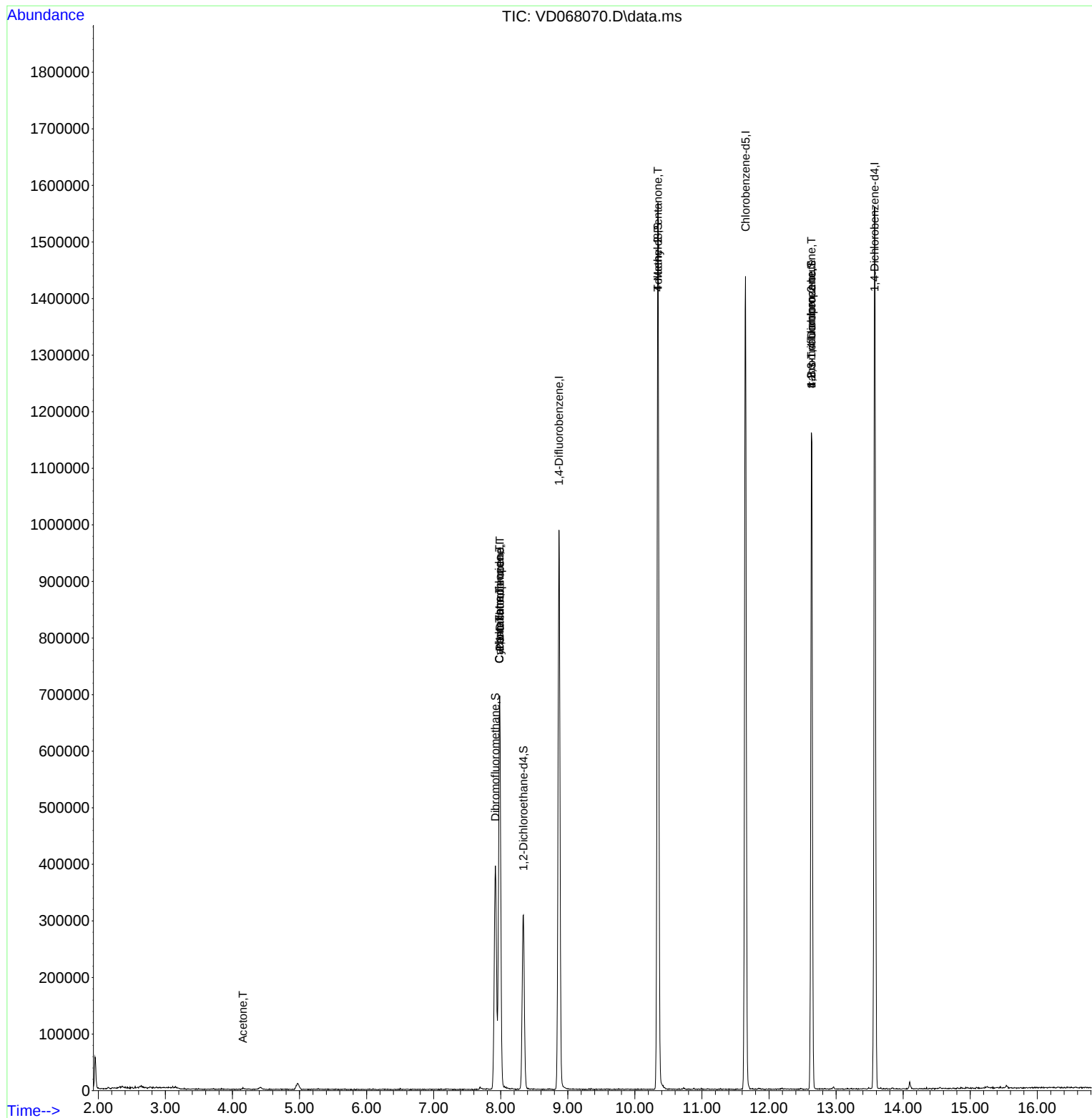
Internal Standards						
1) Pentafluorobenzene	7.985	168	543279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	913994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	913925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	443642	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	256236	55.47	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.94%
35) Dibromofluoromethane	7.920	113	288065	55.30	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.60%
50) Toluene-d8	10.344	98	1089771	56.76	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.52%
62) 4-Bromofluorobenzene	12.632	95	396237	58.90	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.80%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.103	59	125	Below Cal	#	74
16) Acetone	4.156	43	1976	2.70	ug/l #	88
20) Methylene Chloride	4.973	84	8956	Below Cal		88
31) Cyclohexane	7.979	56	10154	1.32	ug/l #	6
36) 1,1-Dichloropropene	7.985	75	35873	4.47	ug/l #	50
38) Carbon Tetrachloride	7.979	117	55292	5.77	ug/l #	15
51) 4-Methyl-2-Pentanone	10.344	43	3690	1.60	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	190511	54.20	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	190511	121.61	ug/l #	13

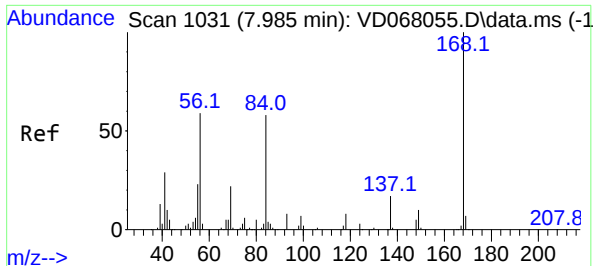
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

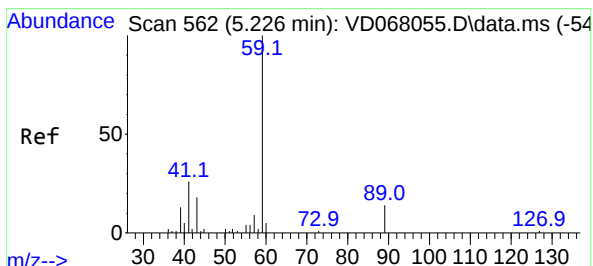
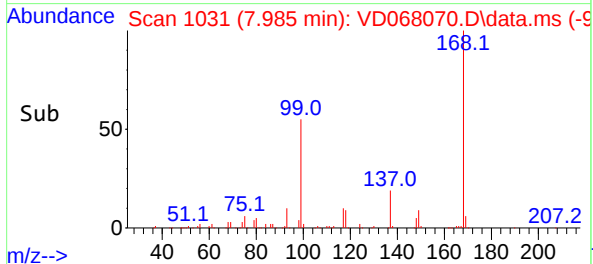
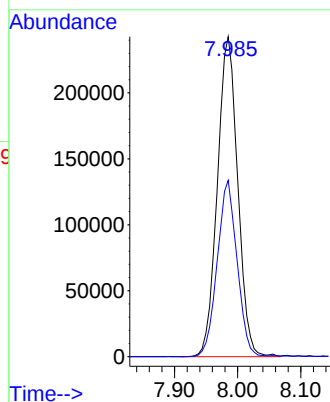
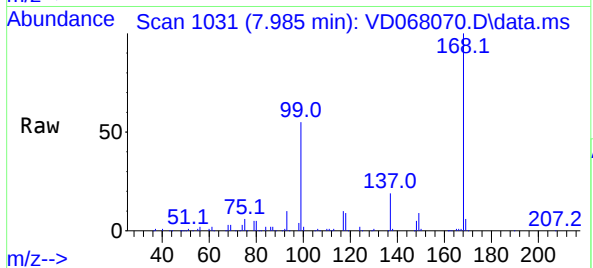




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068070.D
Acq: 13 Jan 2021 14:45

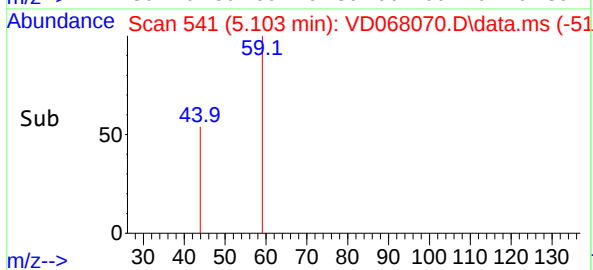
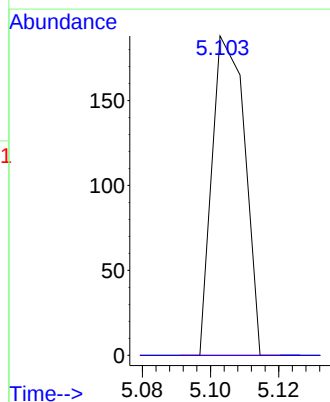
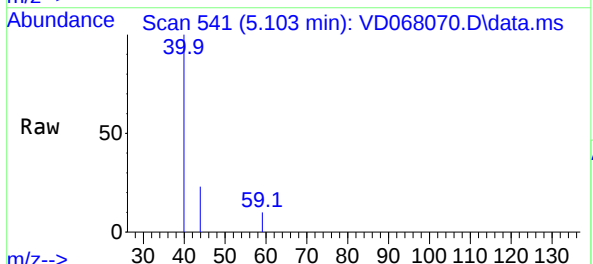
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-065-B

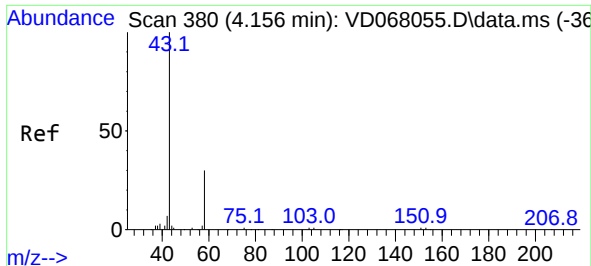
Tgt Ion:168 Resp: 543279
Ion Ratio Lower Upper
168 100
99 55.1 43.5 65.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.103 min Scan# 541
Delta R.T. -0.123 min
Lab File: VD068070.D
Acq: 13 Jan 2021 14:45

Tgt Ion: 59 Resp: 125
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

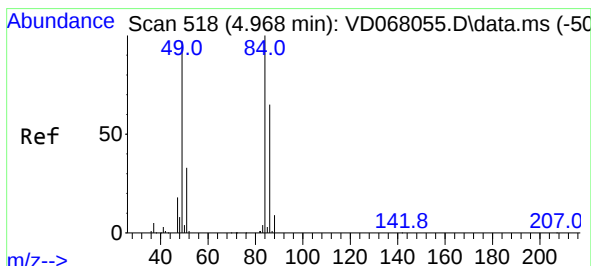
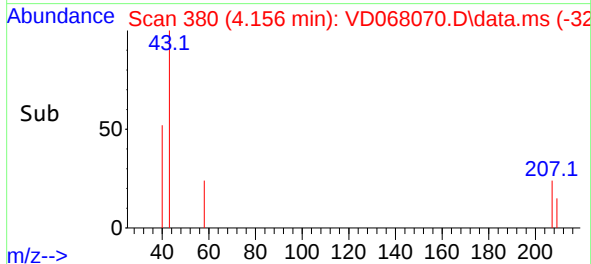
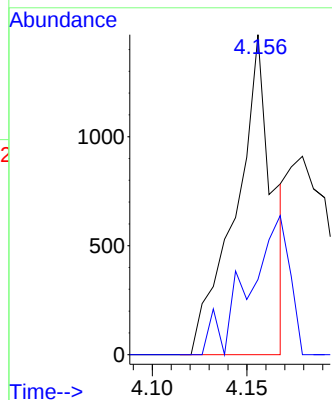
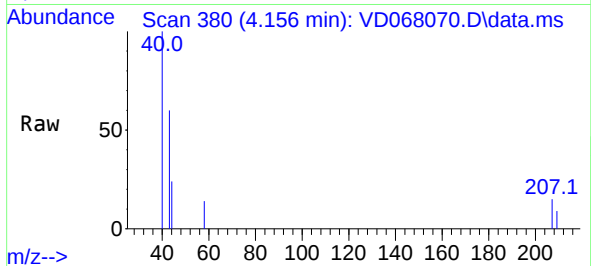




#16
Acetone
Concen: 2.70 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD068070.D
Acq: 13 Jan 2021 14:45

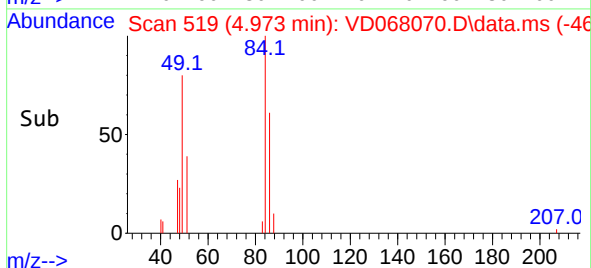
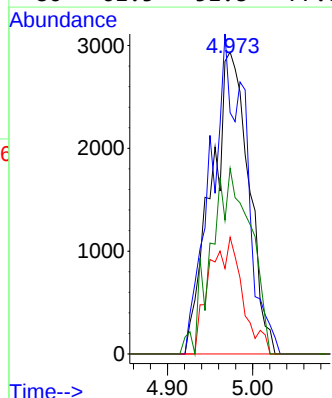
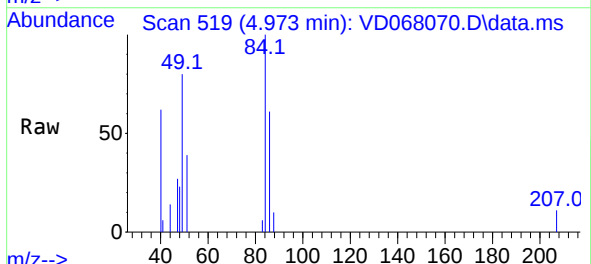
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-065-B

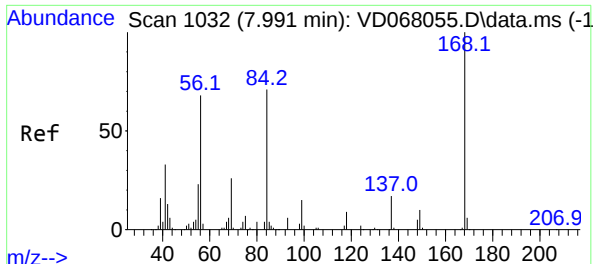
Tgt Ion: 43 Resp: 1976
Ion Ratio Lower Upper
43 100
58 23.5 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.005 min
Lab File: VD068070.D
Acq: 13 Jan 2021 14:45

Tgt Ion: 84 Resp: 8956
Ion Ratio Lower Upper
84 100
49 79.9 77.4 116.2
51 38.7 26.1 39.1
86 61.5 51.8 77.8

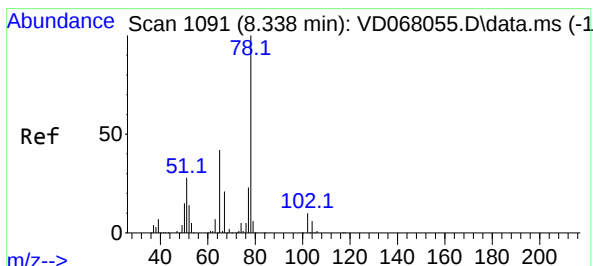
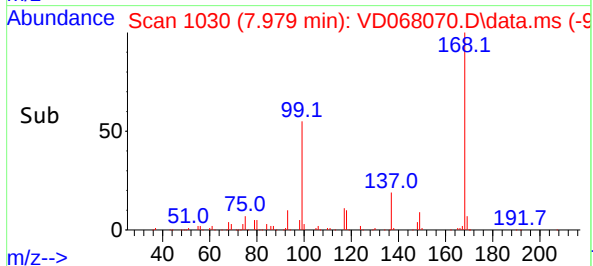
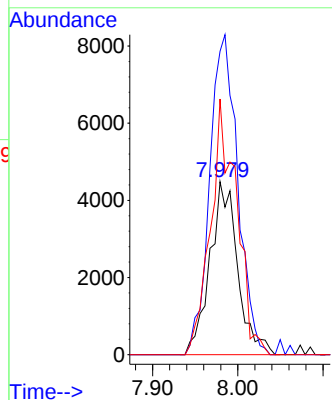
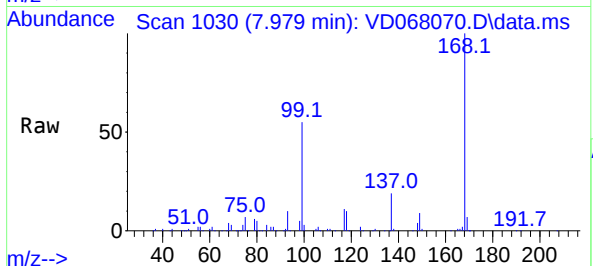




#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD068070.D
Acq: 13 Jan 2021 14:45

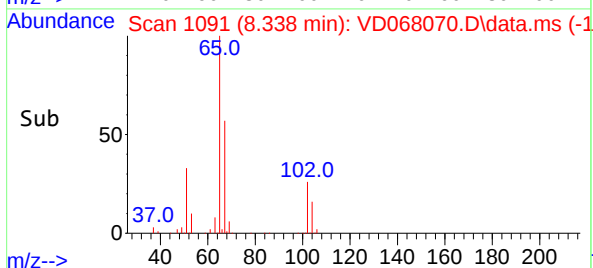
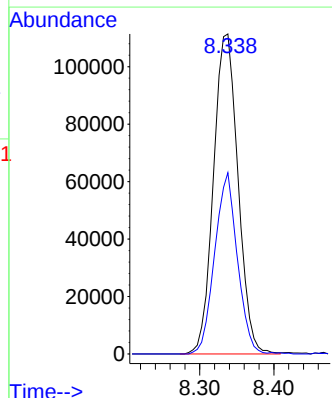
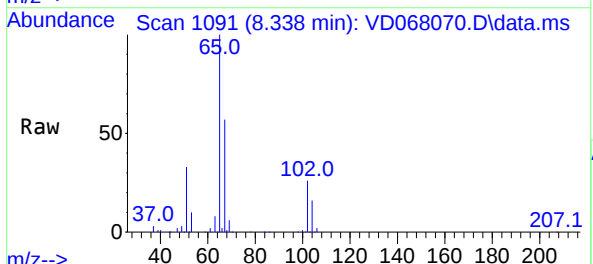
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-065-B

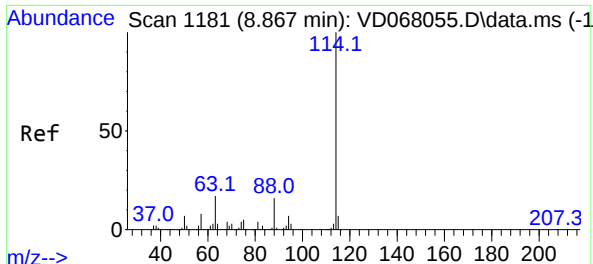
Tgt Ion: 56 Resp: 10154
Ion Ratio Lower Upper
56 100
69 175.5 30.1 45.1#
84 147.9 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 55.47 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD068070.D
Acq: 13 Jan 2021 14:45

Tgt Ion: 65 Resp: 256236
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.0



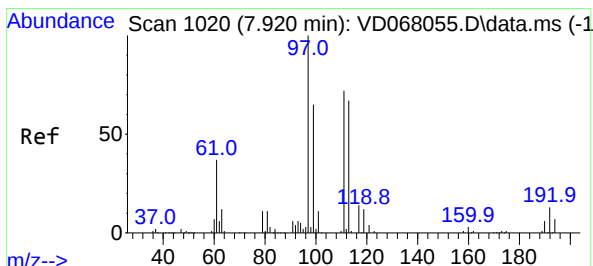
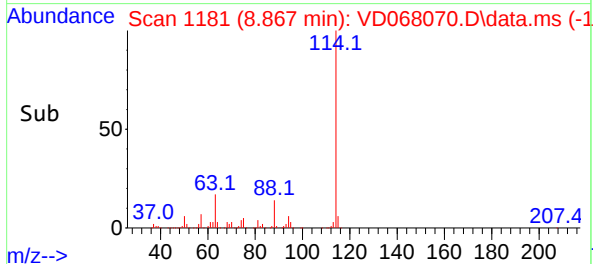
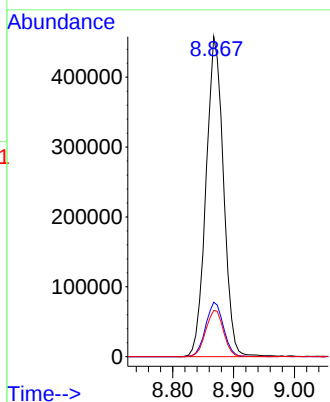
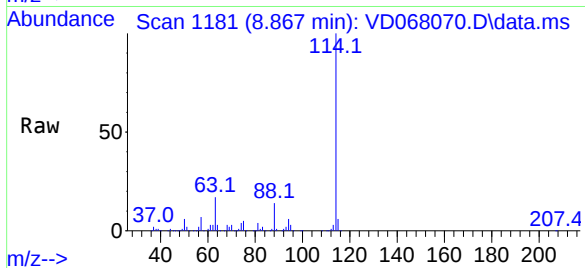


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068070.D
Acq: 13 Jan 2021 14:45

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-065-B

Tgt Ion:114 Resp: 913994

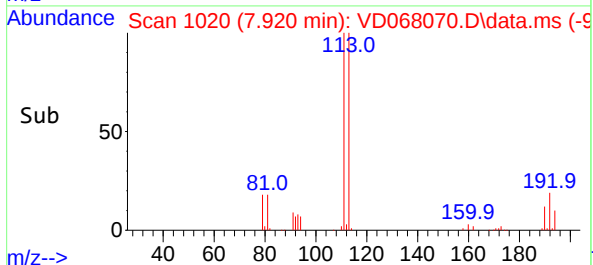
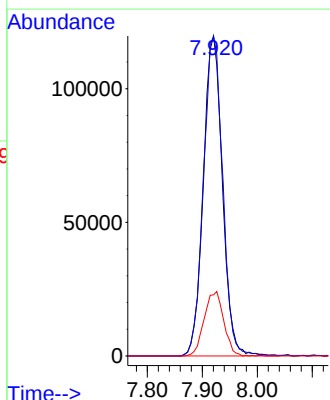
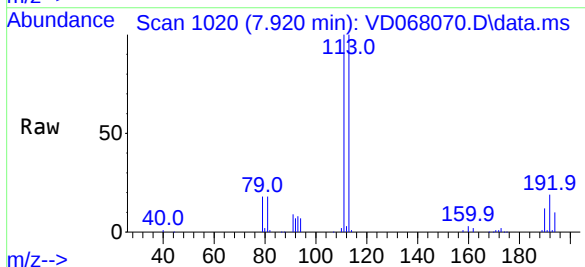
Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	34.8
88	14.5	0.0	31.6

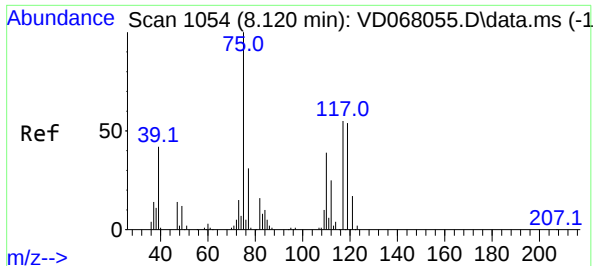


#35
Dibromofluoromethane
Concen: 55.30 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068070.D
Acq: 13 Jan 2021 14:45

Tgt Ion:113 Resp: 288065

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.4	122.0
192	20.7	16.1	24.1

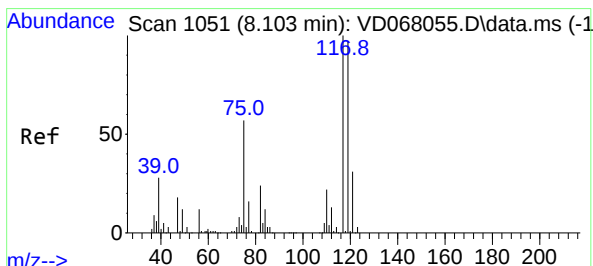
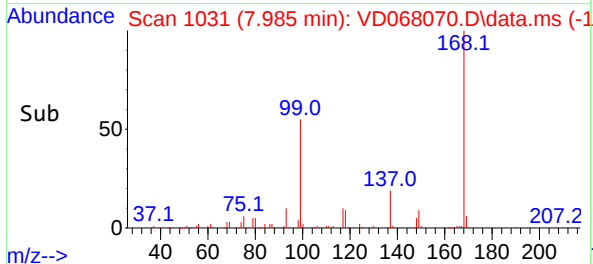
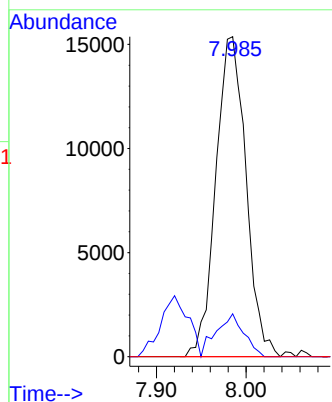
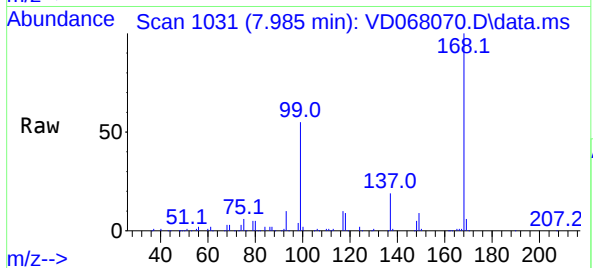




#36
1,1-Dichloropropene
Concen: 4.47 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.135 min
Lab File: VD068070.D
Acq: 13 Jan 2021 14:45

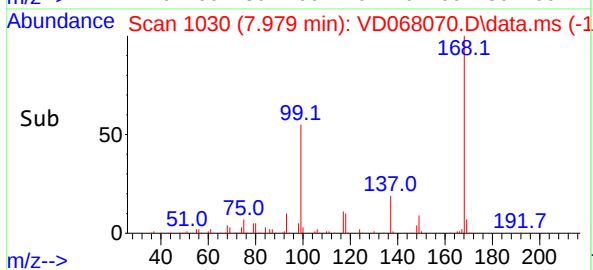
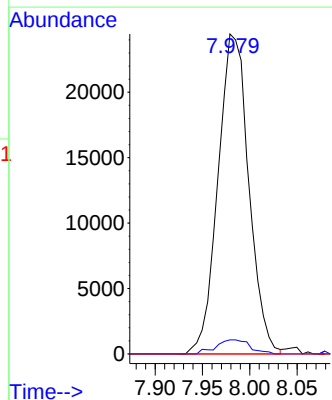
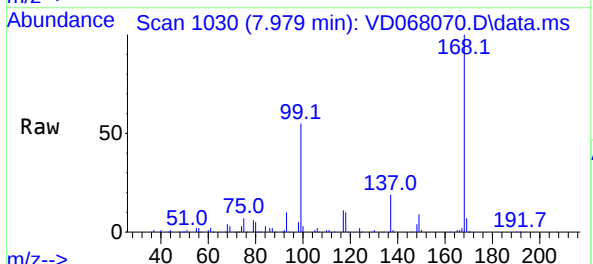
Instrument :
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ClientSampleId :
FK-GF-02-065-B

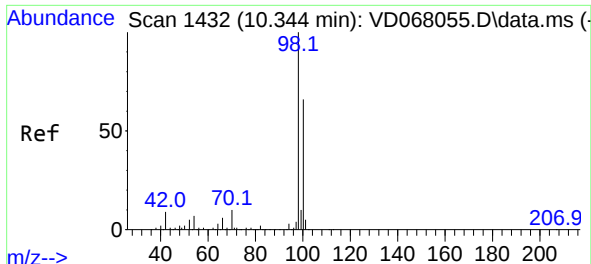
Tgt Ion: 75 Resp: 35873
Ion Ratio Lower Upper
75 100
110 12.3 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.77 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.124 min
Lab File: VD068070.D
Acq: 13 Jan 2021 14:45

Tgt Ion: 117 Resp: 55292
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.7 37.1#

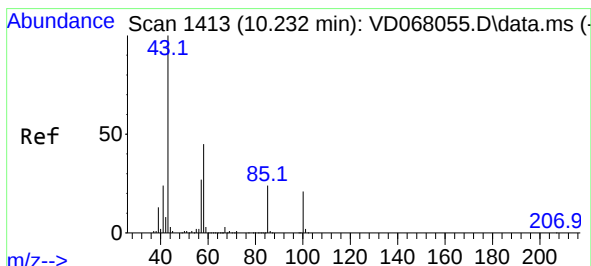
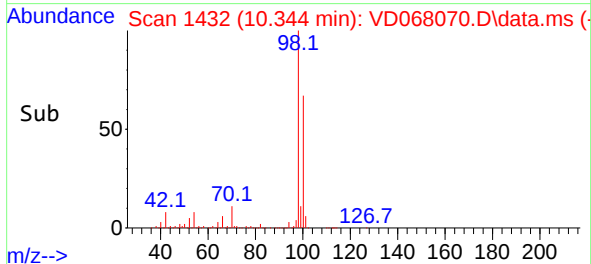
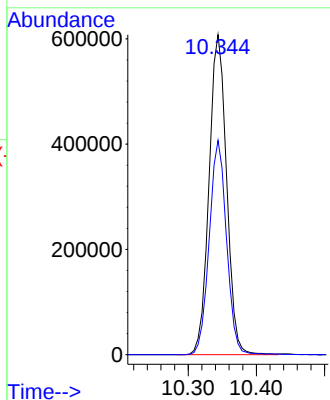
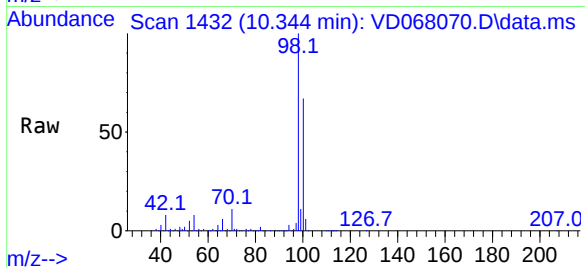




#50
Toluene-d8
Concen: 56.76 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068070.D
Acq: 13 Jan 2021 14:45

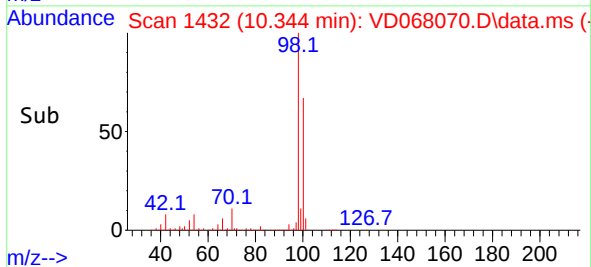
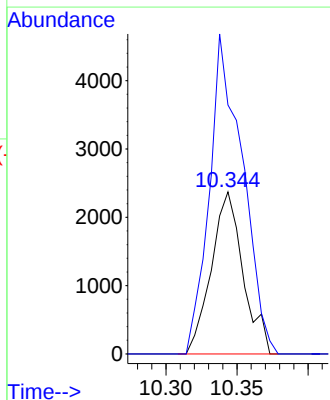
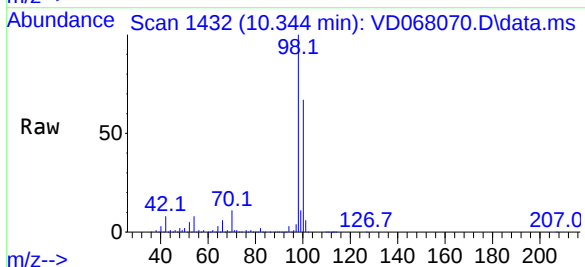
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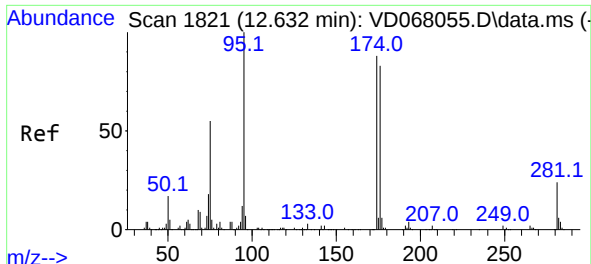
Tgt Ion: 98 Resp: 1089771
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 1.60 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.112 min
Lab File: VD068070.D
Acq: 13 Jan 2021 14:45

Tgt Ion: 43 Resp: 3690
Ion Ratio Lower Upper
43 100
58 205.5 36.1 54.1#



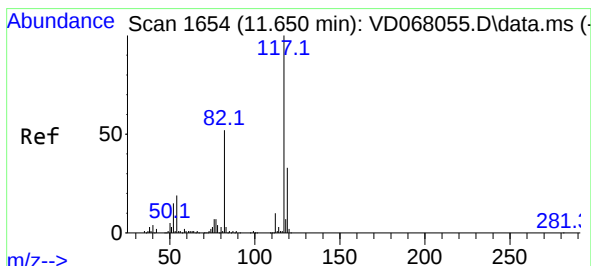
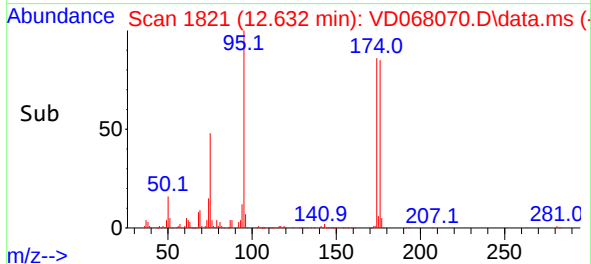
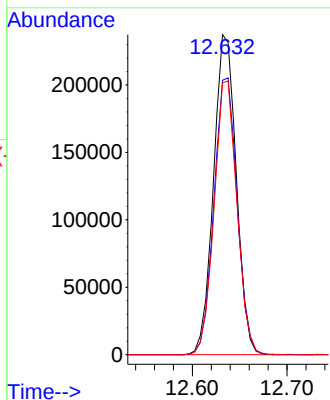
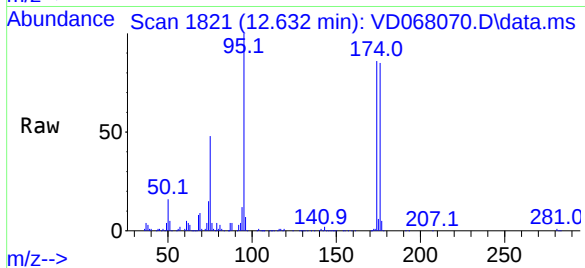


#62
4-Bromofluorobenzene
Concen: 58.90 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068070.D
Acq: 13 Jan 2021 14:45

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-065-B

Tgt Ion: 95 Resp: 396237

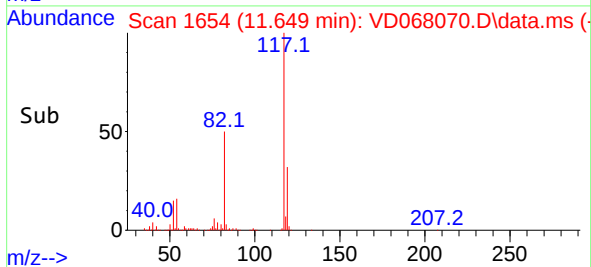
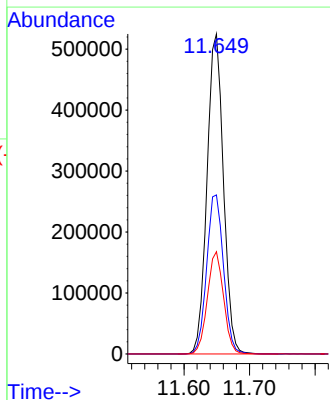
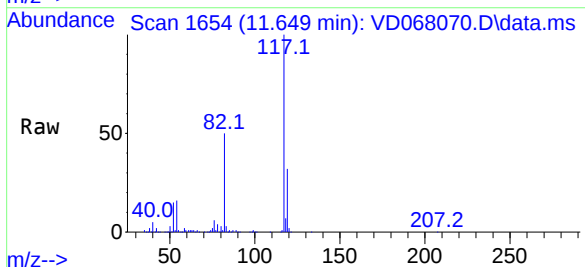
Ion	Ratio	Lower	Upper
95	100		
174	88.3	0.0	172.4
176	85.5	0.0	168.4

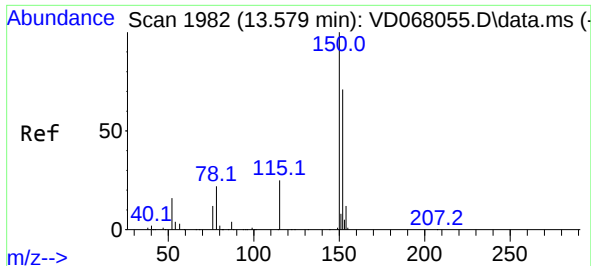


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068070.D
Acq: 13 Jan 2021 14:45

Tgt Ion: 117 Resp: 913925

Ion	Ratio	Lower	Upper
117	100		
82	49.7	41.4	62.0
119	31.9	26.1	39.1

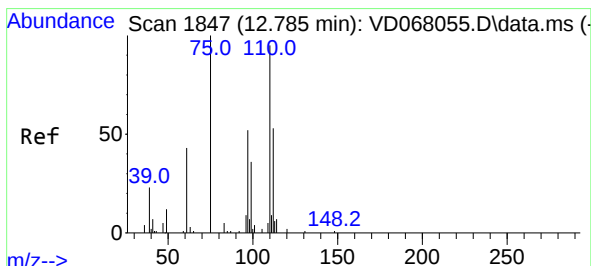
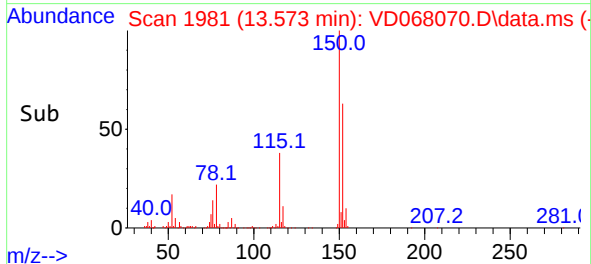
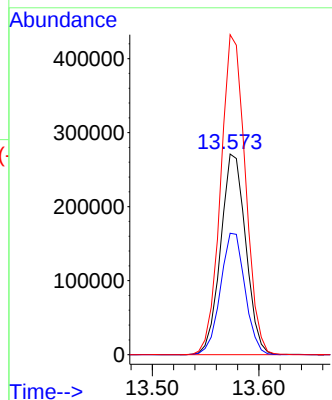
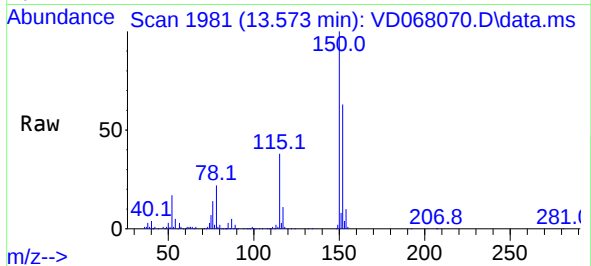




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD068070.D
Acq: 13 Jan 2021 14:45

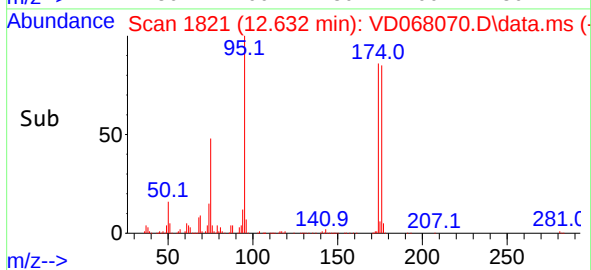
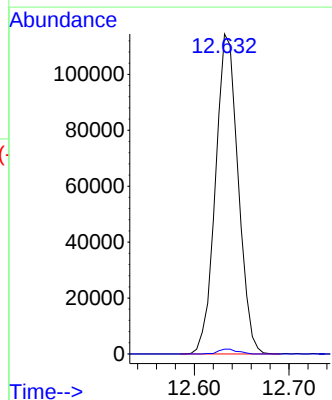
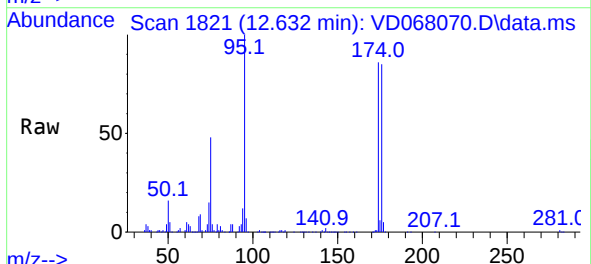
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-065-B

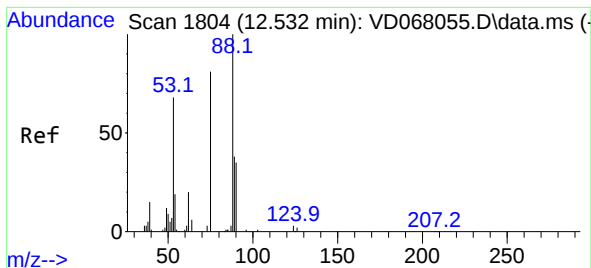
Tgt Ion:152 Resp: 443642
Ion Ratio Lower Upper
152 100
115 59.1 28.9 86.8
150 157.2 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 54.20 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068070.D
Acq: 13 Jan 2021 14:45

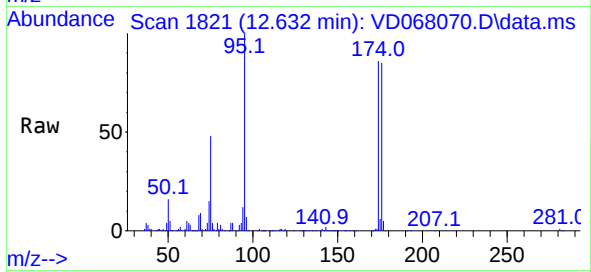
Tgt Ion: 75 Resp: 190511
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 121.61 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.100 min
Lab File: VD068070.D
Acq: 13 Jan 2021 14:45

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-065-B



Tgt Ion: 75 Resp: 190511
Ion Ratio Lower Upper
75 100
53 0.1 70.2 105.2#
89 0.0 40.3 60.5#

