

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011321\
 Data File : VD068069.D
 Acq On : 13 Jan 2021 14:18
 Operator : VA/SY
 Sample : M1069-02
 Misc : 6.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jan 13 15:26:38 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)

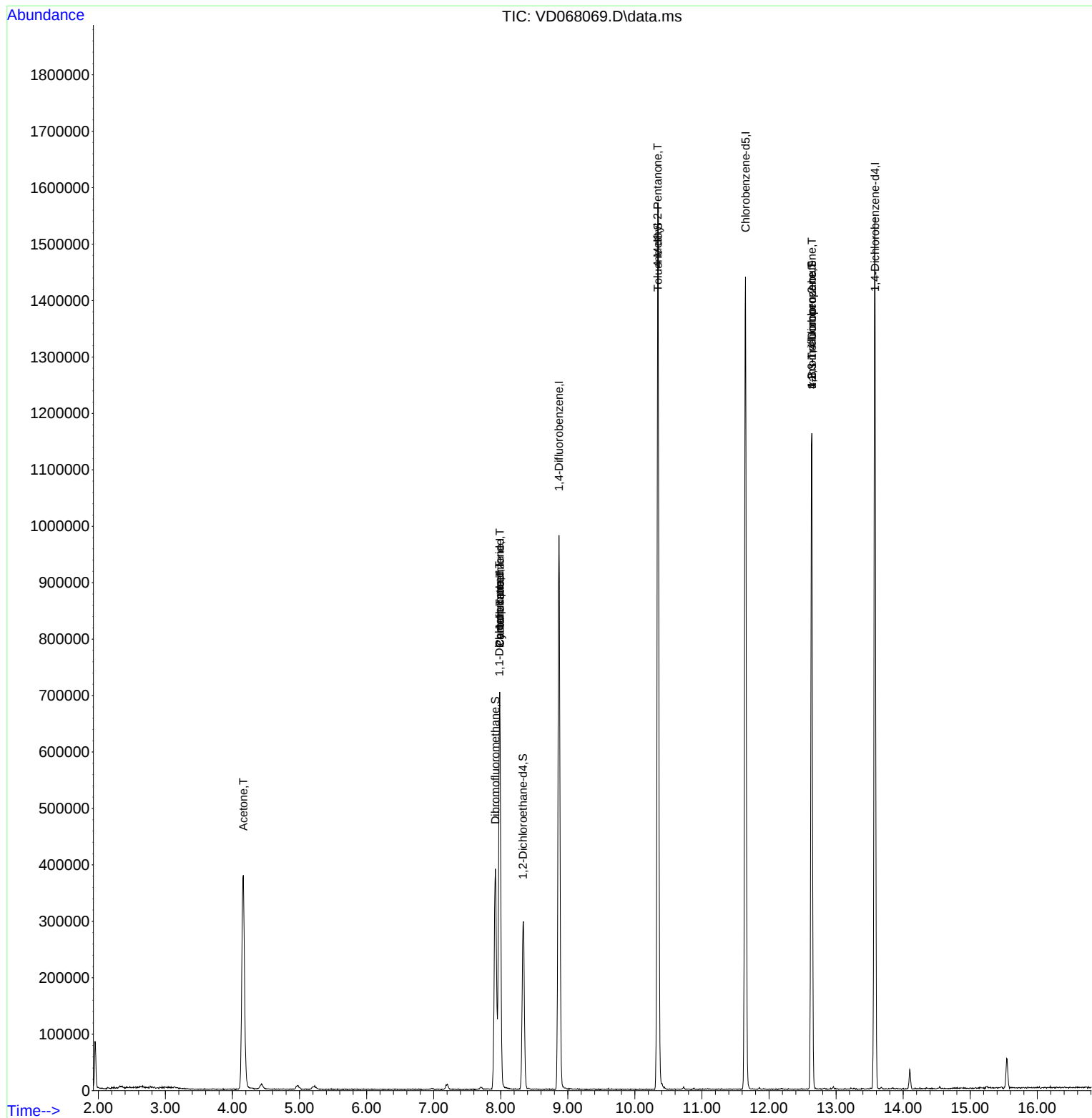
Internal Standards						
1) Pentafluorobenzene	7.985	168	533897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	900298	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	898526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	432259	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	251442	55.39	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.78%			
35) Dibromofluoromethane	7.920	113	282193	54.99	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.98%			
50) Toluene-d8	10.344	98	1077192	56.95	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.90%			
62) 4-Bromofluorobenzene	12.638	95	384879	58.09	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.18%			
Target Compounds						
11) Tert butyl alcohol	5.226	59	6437	Below Cal	#	74
16) Acetone	4.162	43	664750	923.92	ug/l	92
20) Methylene Chloride	4.973	84	5708	Below Cal		93
31) Cyclohexane	7.985	56	8880	1.17	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	38445	4.86	ug/l #	41
38) Carbon Tetrachloride	7.985	117	53377	5.66	ug/l #	16
51) 4-Methyl-2-Pentanone	10.338	43	3863	1.70	ug/l #	1
76) 1,2,3-Trichloropropane	12.638	75	189411	55.31	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.638	75	189411	124.09	ug/l #	14

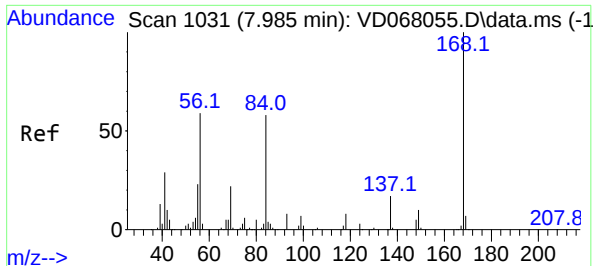
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011321\
Data File : VD068069.D
Acq On : 13 Jan 2021 14:18
Operator : VA/SY
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Misc : 6.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
FK-GF-02-065-A

Quant Time: Jan 13 15:26:38 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

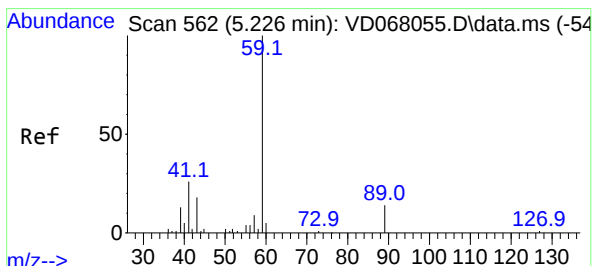
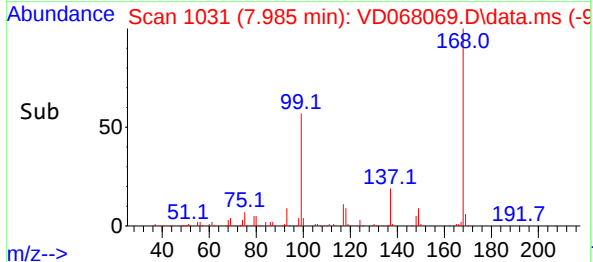
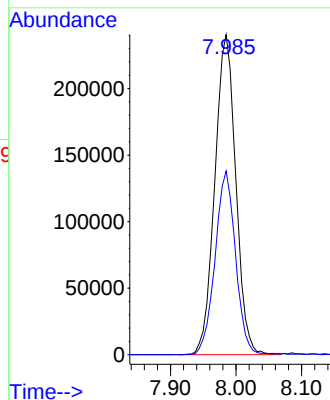
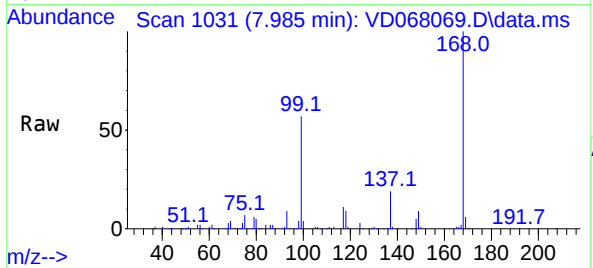




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068069.D
Acq: 13 Jan 2021 14:18

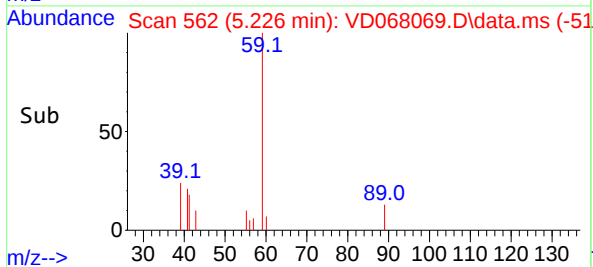
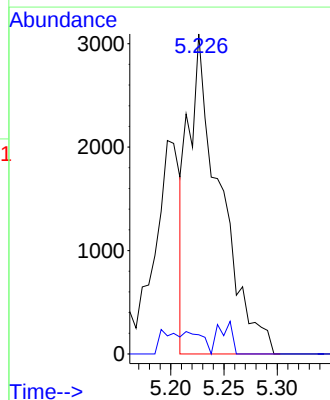
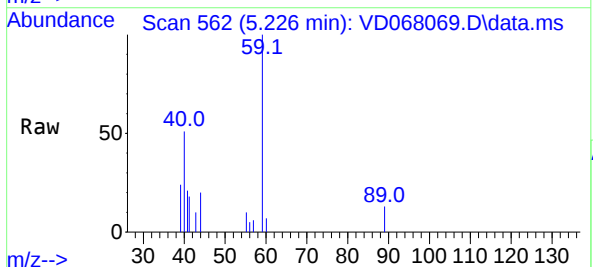
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-065-A

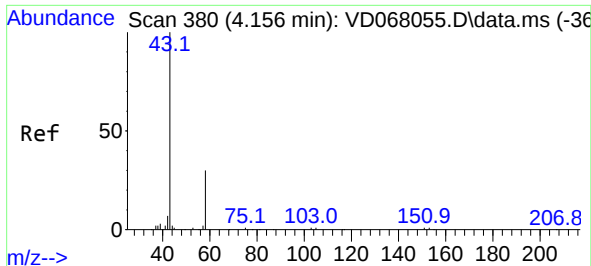
Tgt Ion:168 Resp: 533897
Ion Ratio Lower Upper
168 100
99 57.4 43.5 65.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.000 min
Lab File: VD068069.D
Acq: 13 Jan 2021 14:18

Tgt Ion: 59 Resp: 6437
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

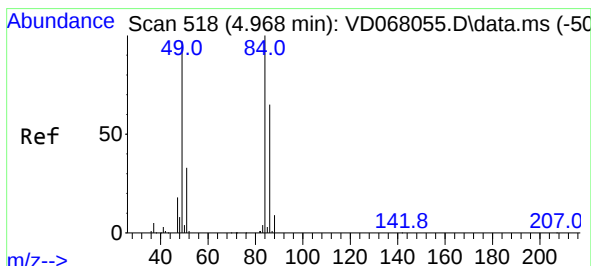
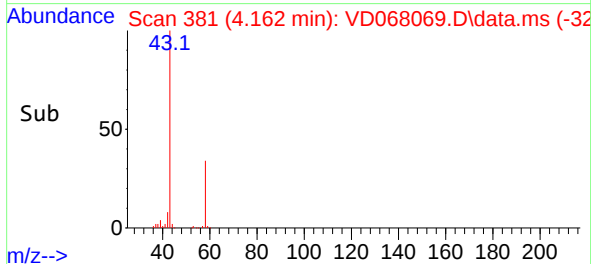
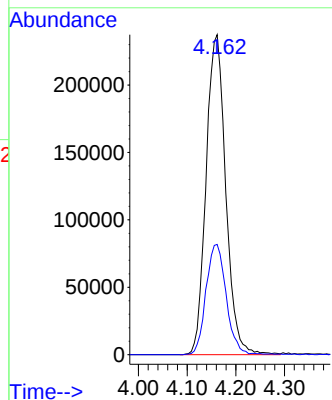
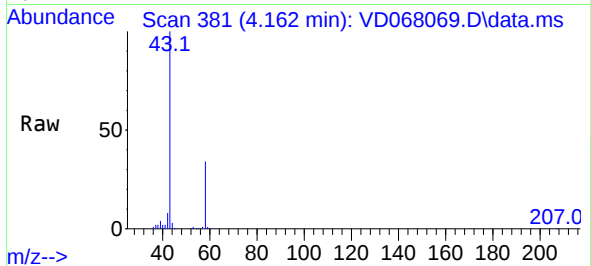




#16
Acetone
Concen: 923.92 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD068069.D
Acq: 13 Jan 2021 14:18

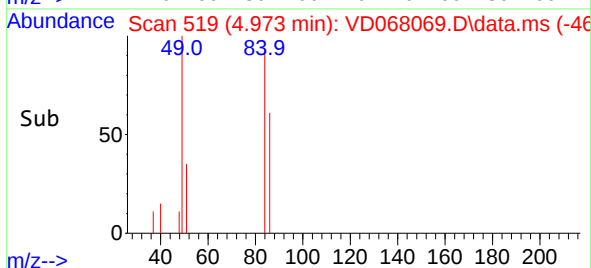
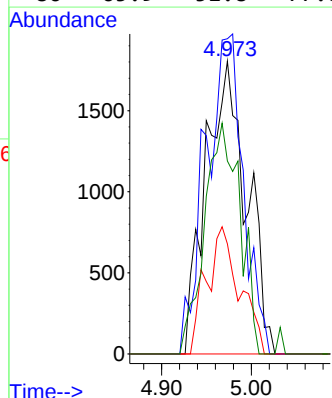
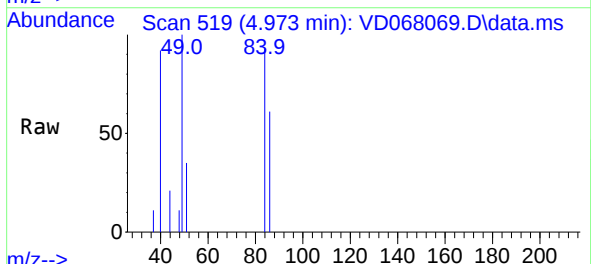
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-065-A

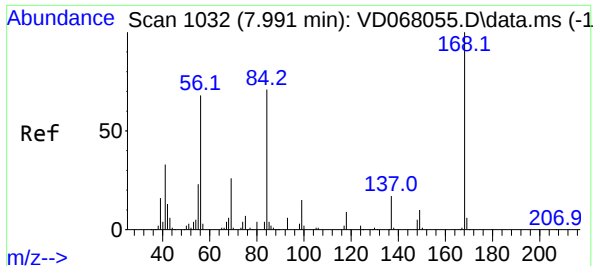
Tgt Ion: 43 Resp: 664750
Ion Ratio Lower Upper
43 100
58 34.5 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.005 min
Lab File: VD068069.D
Acq: 13 Jan 2021 14:18

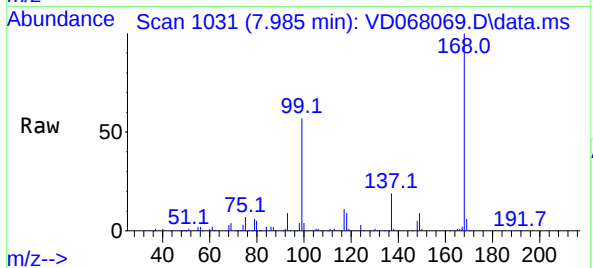
Tgt Ion: 84 Resp: 5708
Ion Ratio Lower Upper
84 100
49 107.6 77.4 116.2
51 37.6 26.1 39.1
86 65.9 51.8 77.8



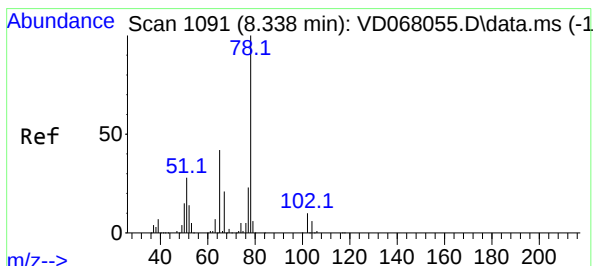
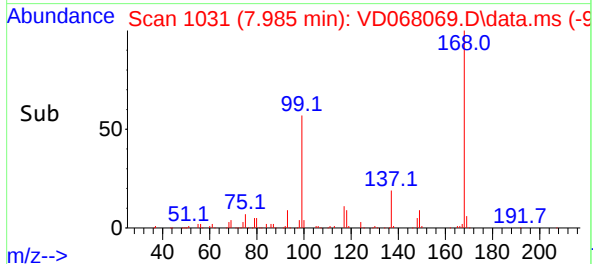
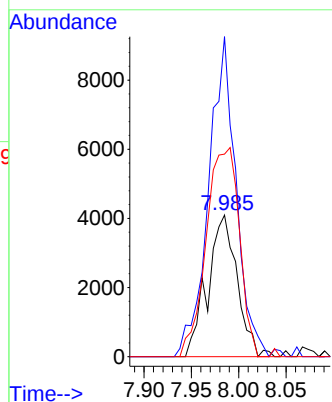


#31
Cyclohexane
Concen: 1.17 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068069.D
Acq: 13 Jan 2021 14:18

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

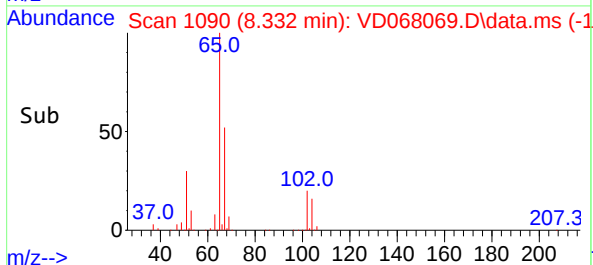
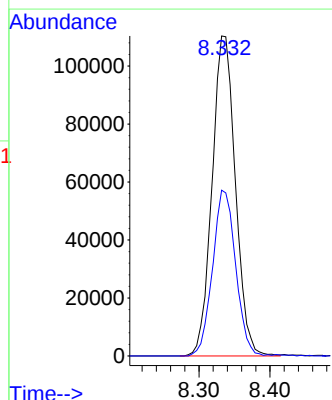
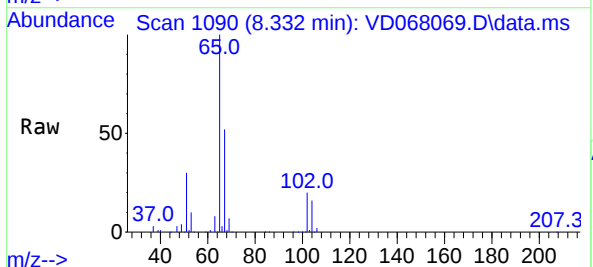


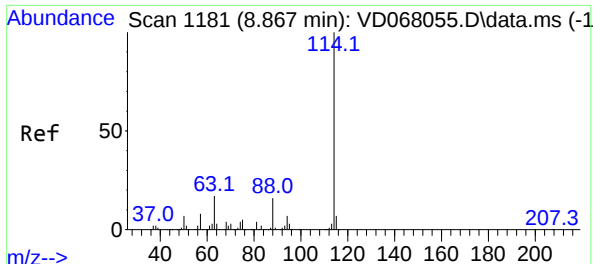
Tgt Ion: 56 Resp: 8880
Ion Ratio Lower Upper
56 100
69 221.7 30.1 45.1#
84 143.0 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 55.39 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068069.D
Acq: 13 Jan 2021 14:18

Tgt Ion: 65 Resp: 251442
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.0



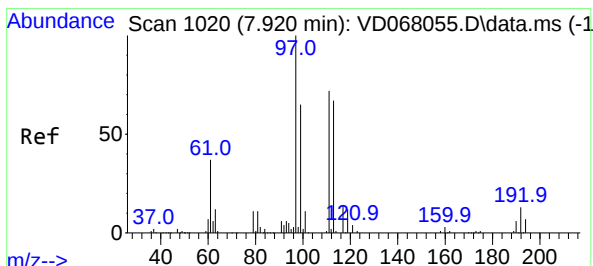
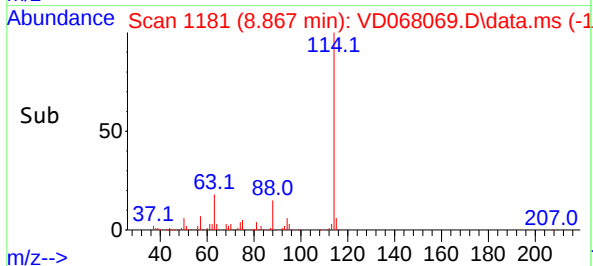
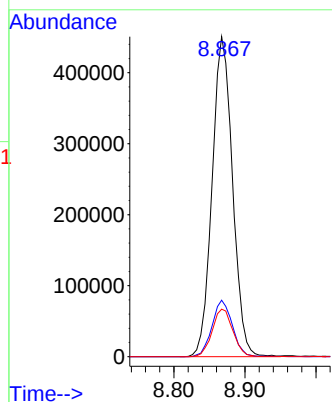
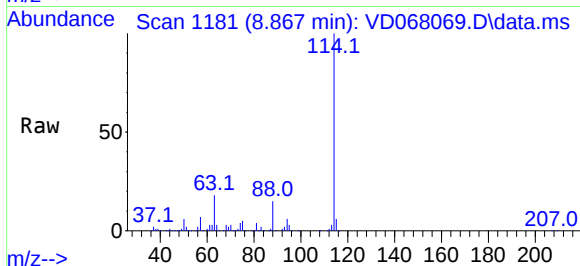


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068069.D
Acq: 13 Jan 2021 14:18

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

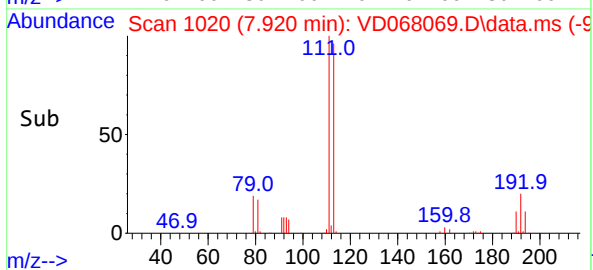
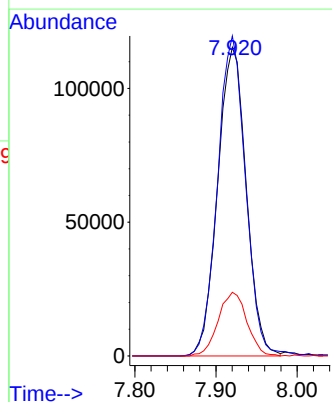
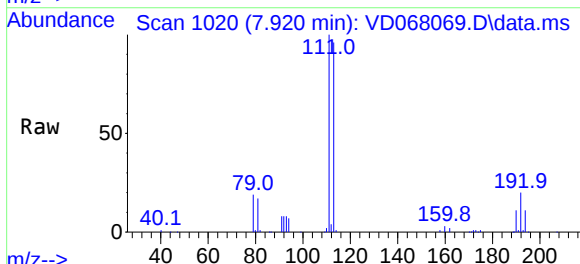
Tgt Ion:114 Resp: 900298
Ion Ratio Lower Upper
114 100
63 17.7 0.0 34.8
88 14.8 0.0 31.6

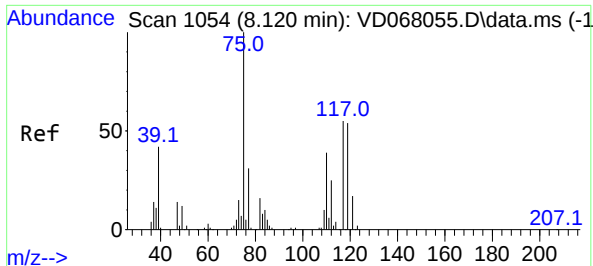


#35

Dibromofluoromethane
Concen: 54.99 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068069.D
Acq: 13 Jan 2021 14:18

Tgt Ion:113 Resp: 282193
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 20.7 16.1 24.1



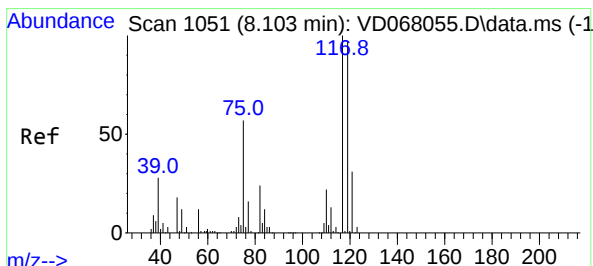
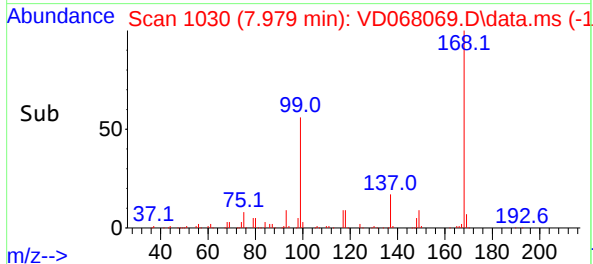
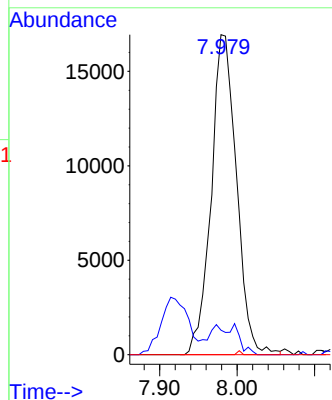
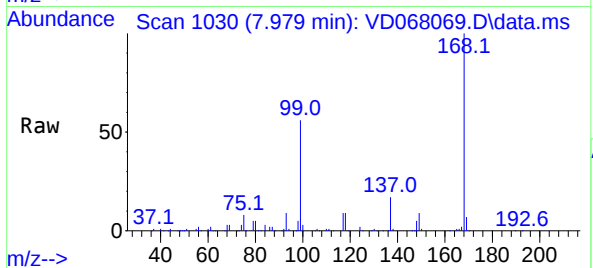


#36

1,1-Dichloropropene
Concen: 4.86 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.141 min
Lab File: VD068069.D
Acq: 13 Jan 2021 14:18

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

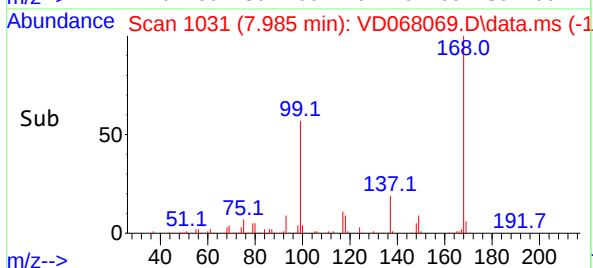
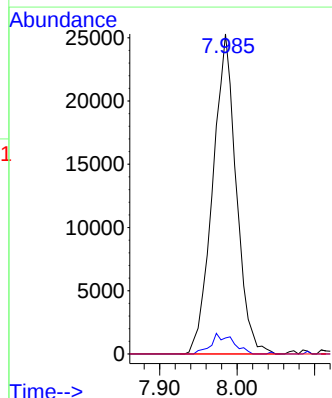
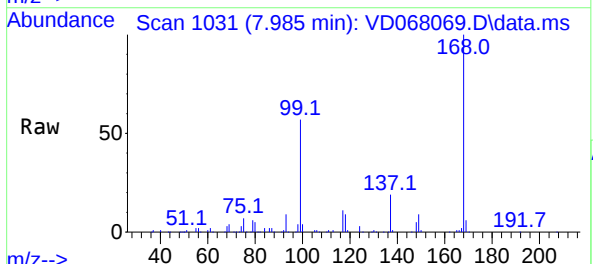
Tgt Ion: 75 Resp: 38445
Ion Ratio Lower Upper
75 100
110 2.1 19.4 58.2#
77 0.0 25.3 37.9#

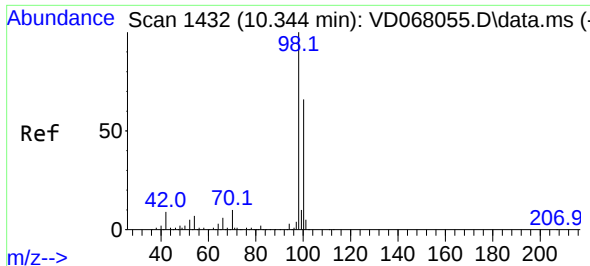


#38

Carbon Tetrachloride
Concen: 5.66 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.118 min
Lab File: VD068069.D
Acq: 13 Jan 2021 14:18

Tgt Ion: 117 Resp: 53377
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 24.7 37.1#

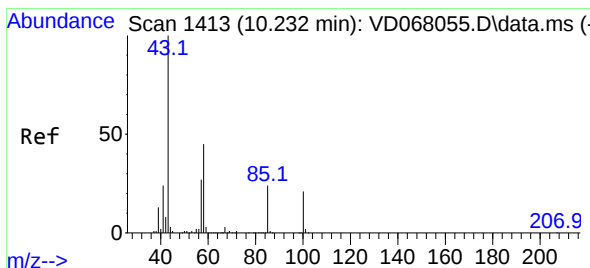
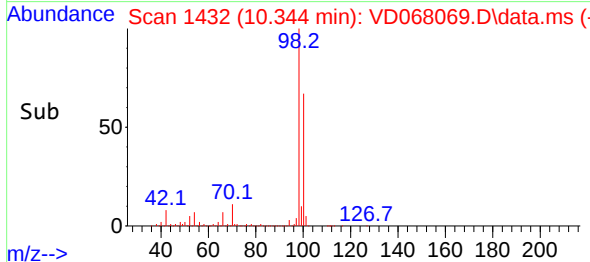
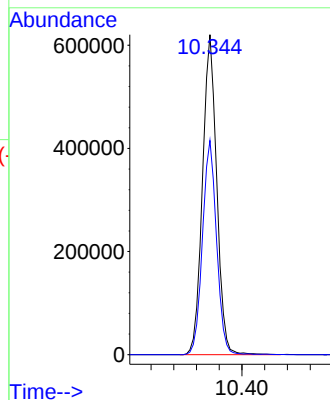
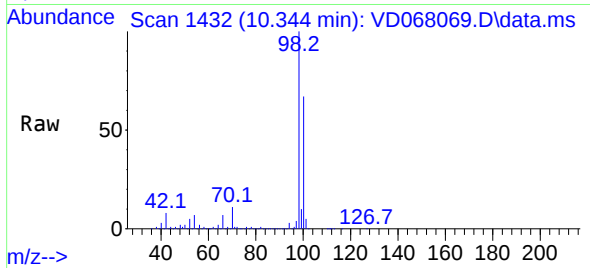




#50
Toluene-d8
Concen: 56.95 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068069.D
Acq: 13 Jan 2021 14:18

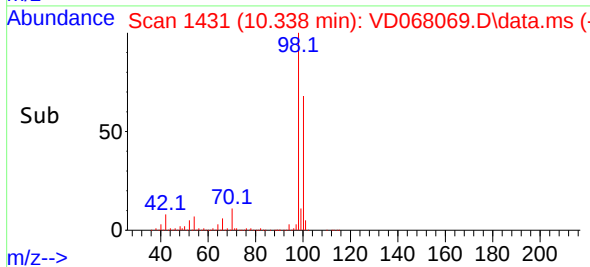
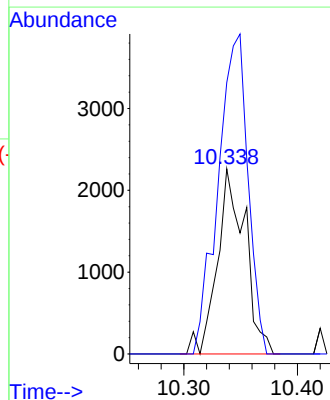
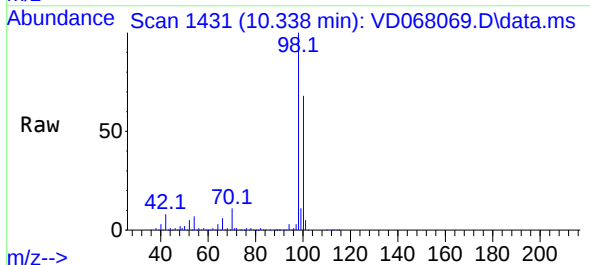
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MSVOA_D
ClientSampleId :
FK-GF-02-065-A

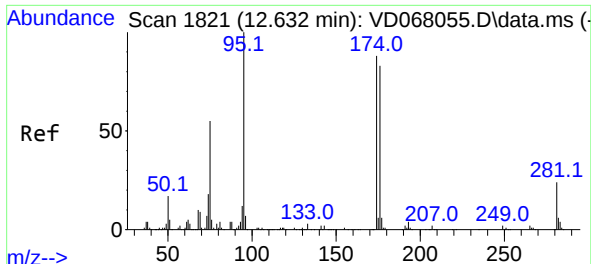
Tgt Ion: 98 Resp: 1077192
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 1.70 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.106 min
Lab File: VD068069.D
Acq: 13 Jan 2021 14:18

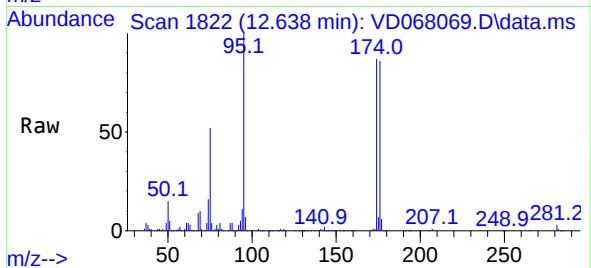
Tgt Ion: 43 Resp: 3863
Ion Ratio Lower Upper
43 100
58 185.1 36.1 54.1#



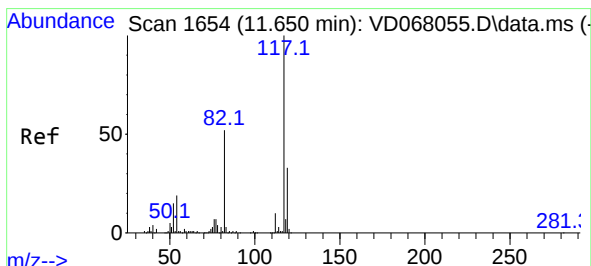
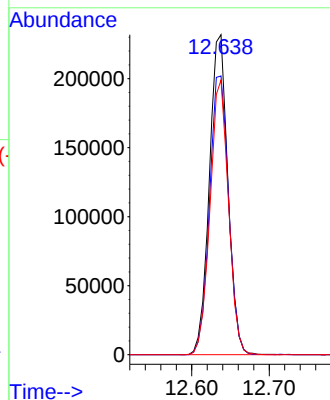
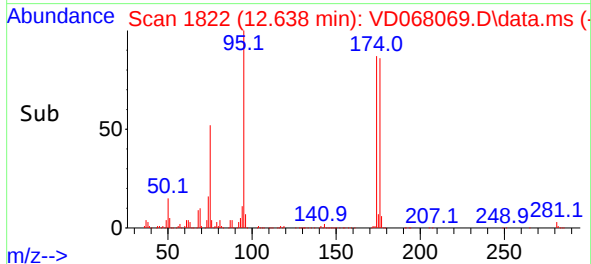


#62
4-Bromofluorobenzene
Concen: 58.09 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD068069.D
Acq: 13 Jan 2021 14:18

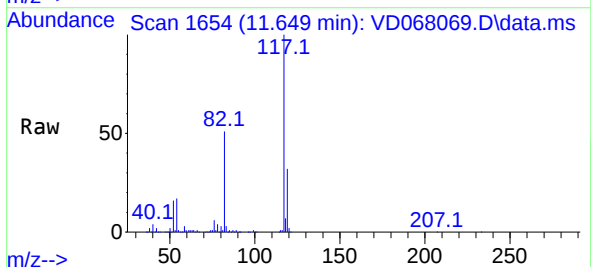
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-065-A



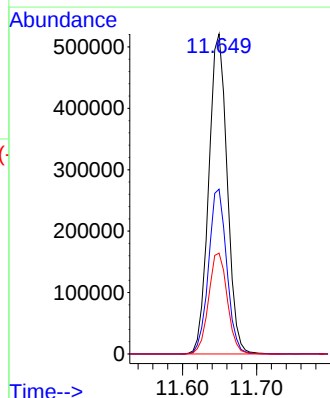
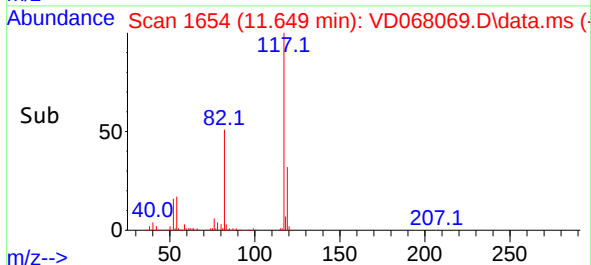
Tgt Ion: 95 Resp: 384879
Ion Ratio Lower Upper
95 100
174 89.9 0.0 172.4
176 85.1 0.0 168.4

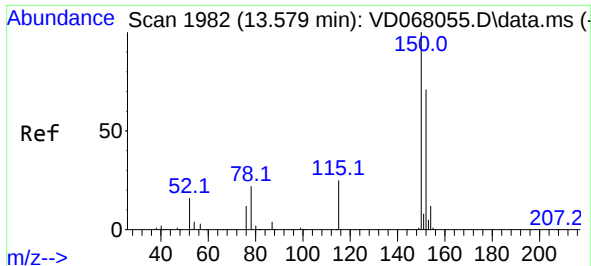


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068069.D
Acq: 13 Jan 2021 14:18



Tgt Ion: 117 Resp: 898526
Ion Ratio Lower Upper
117 100
82 51.5 41.4 62.0
119 31.5 26.1 39.1

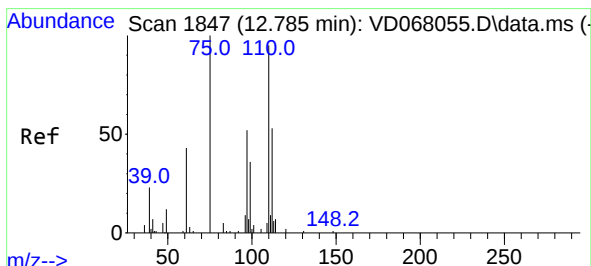
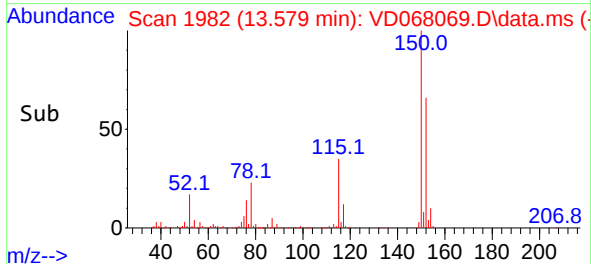
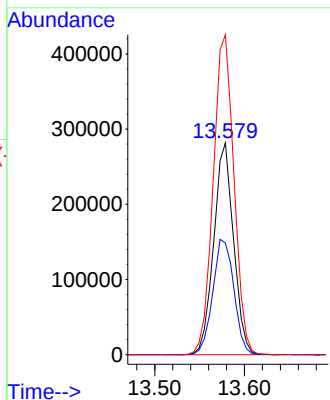
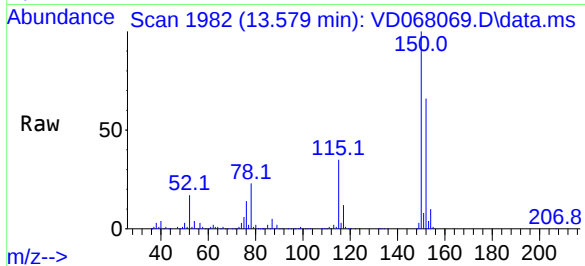




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD068069.D
Acq: 13 Jan 2021 14:18

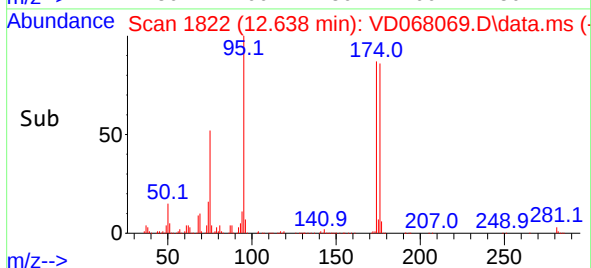
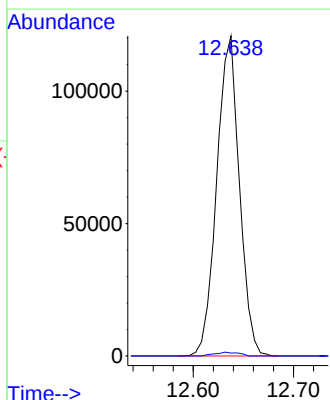
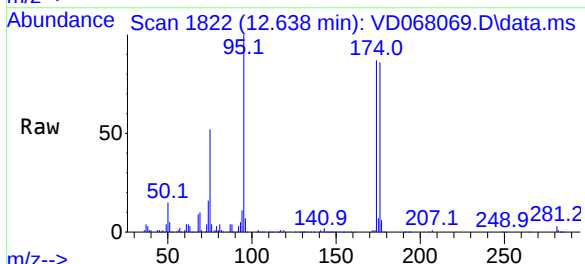
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-065-A

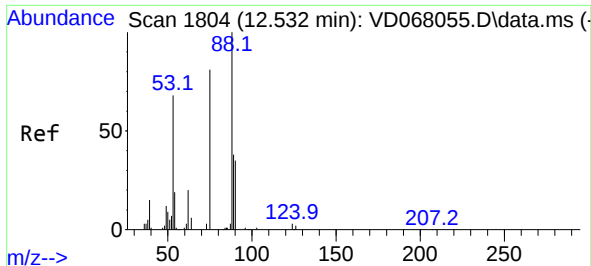
Tgt Ion:152 Resp: 432259
Ion Ratio Lower Upper
152 100
115 58.0 28.9 86.8
150 158.1 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 55.31 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. -0.147 min
Lab File: VD068069.D
Acq: 13 Jan 2021 14:18

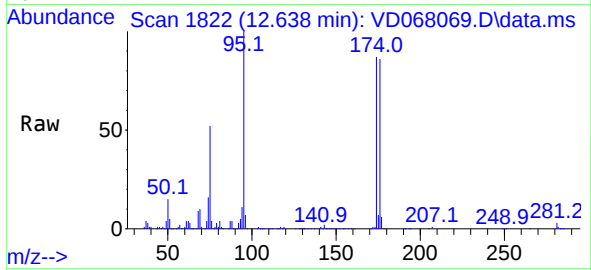
Tgt Ion: 75 Resp: 189411
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.09 ug/l
 RT: 12.638 min Scan# 1822
 Delta R.T. 0.106 min
 Lab File: VD068069.D
 Acq: 13 Jan 2021 14:18

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



Tgt Ion: 75 Resp: 189411
 Ion Ratio Lower Upper
 75 100
 53 0.2 70.2 105.2#
 89 0.1 40.3 60.5#

