

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030521\
 Data File : VD068541.D
 Acq On : 05 Mar 2021 14:04
 Operator : VA/SY
 Sample : M1589-02
 Misc : 6.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-067-A

Quant Time: Mar 05 23:11:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

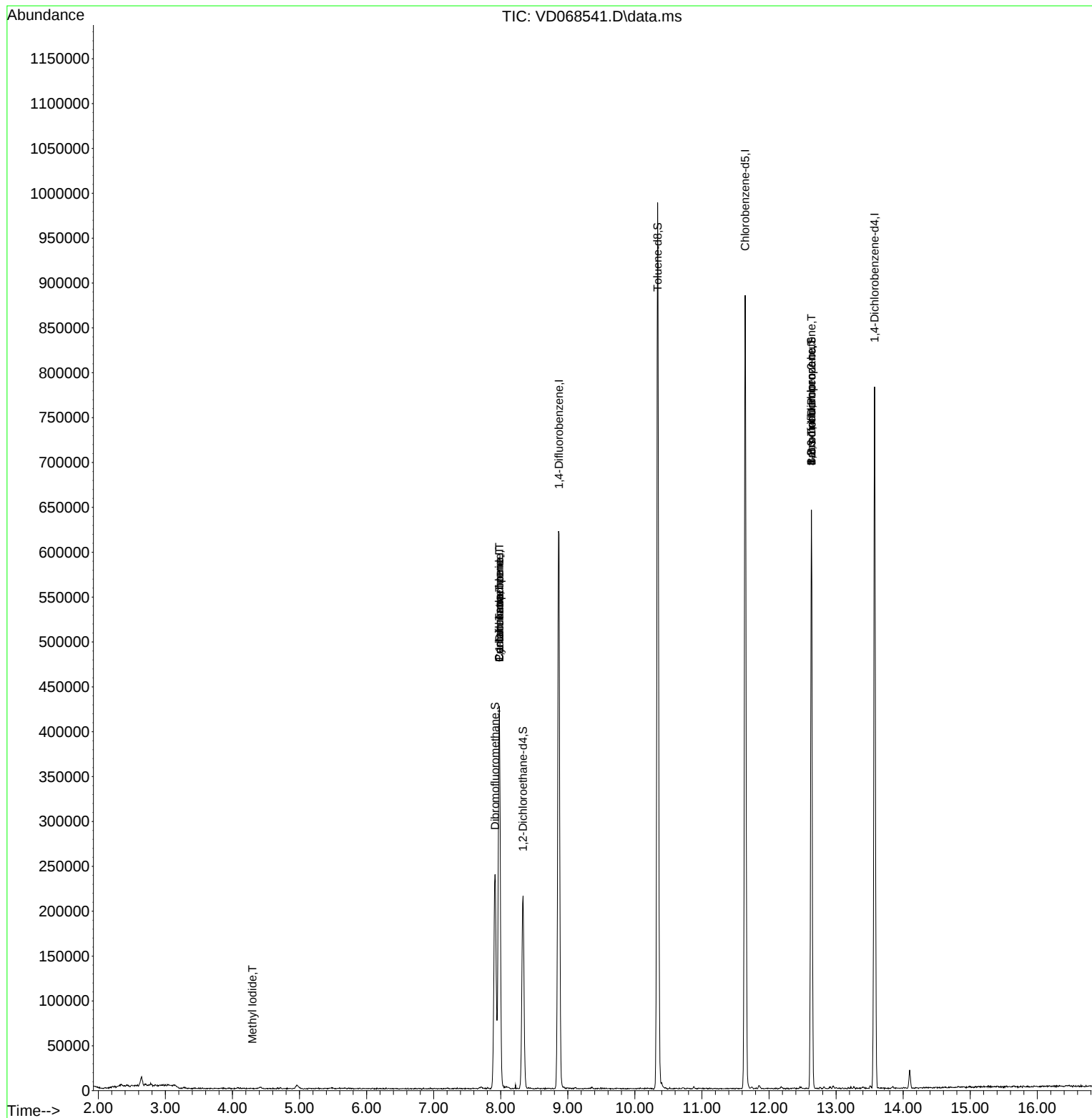
Internal Standards						
1) Pentafluorobenzene	7.979	168	323858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	567784	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	527288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	214678	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	170751	52.77	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.54%			
35) Dibromofluoromethane	7.914	113	177689	51.95	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.90%			
50) Toluene-d8	10.338	98	699780	51.37	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.74%			
62) 4-Bromofluorobenzene	12.632	95	206386	47.01	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.02%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	174	2.66	ug/l #	74
20) Methylene Chloride	4.962	84	3044	Below Cal	#	91
31) Cyclohexane	7.979	56	6511	1.11	ug/l #	4
36) 1,1-Dichloropropene	7.979	75	24440	4.53	ug/l #	49
38) Carbon Tetrachloride	7.979	117	32258	6.36	ug/l #	16
71) Bromoform	12.632	173	2006	1.06	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	104286	54.72	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	104286	127.70	ug/l #	13

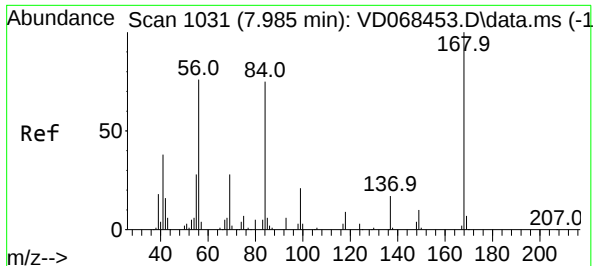
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030521\
Data File : VD068541.D
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Misc : 6.78G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
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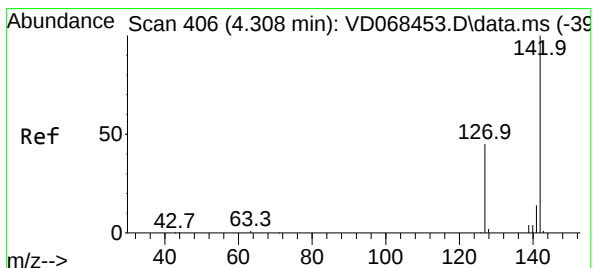
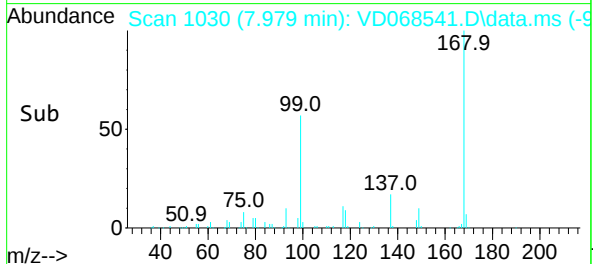
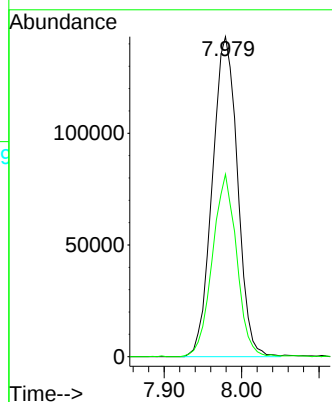
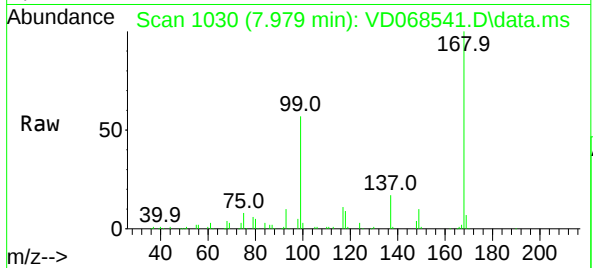




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068541.D
Acq: 05 Mar 2021 14:04

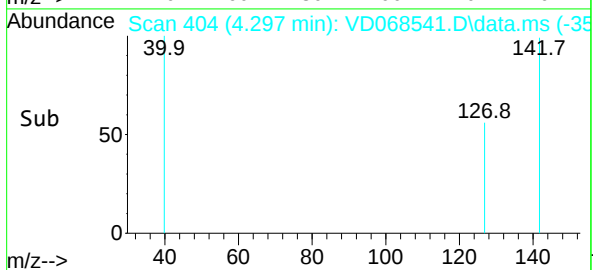
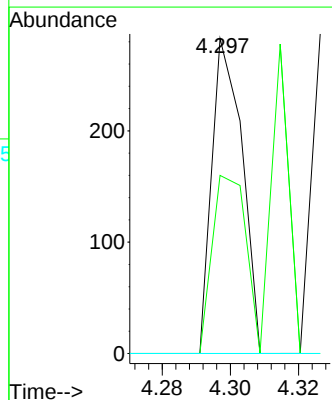
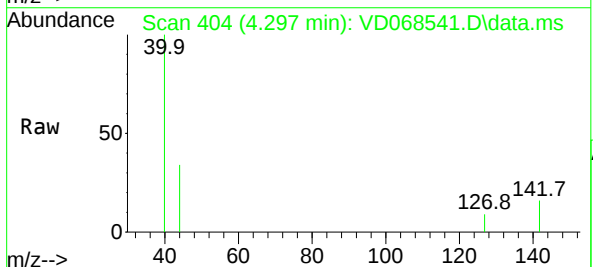
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MSVOA_D
ClientSampleId :
FK-GF-02-067-A

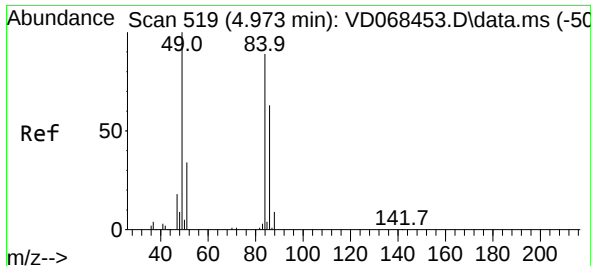
Tgt Ion:168 Resp: 323858
Ion Ratio Lower Upper
168 100
99 57.0 43.5 65.3



#10
Methyl Iodide
Concen: 2.66 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068541.D
Acq: 05 Mar 2021 14:04

Tgt Ion:142 Resp: 174
Ion Ratio Lower Upper
142 100
127 63.2 37.9 56.9#
141 0.0 11.5 17.3#

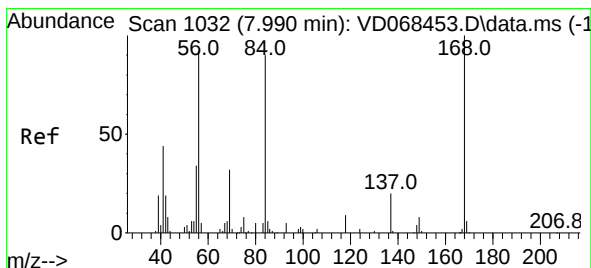
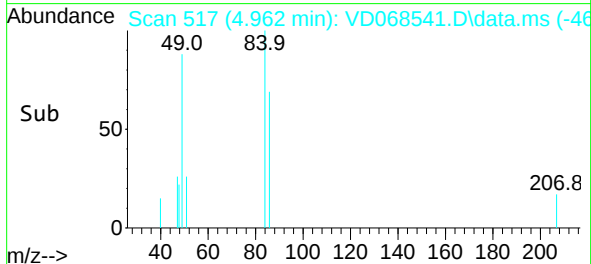
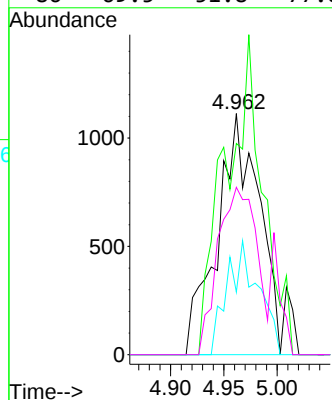
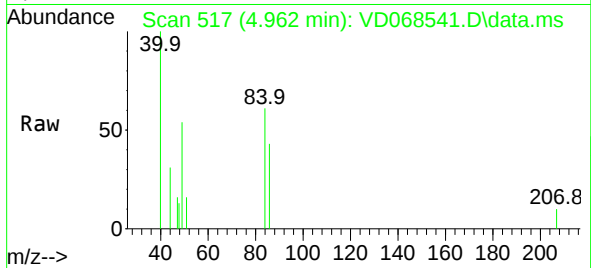




#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD068541.D
Acq: 05 Mar 2021 14:04

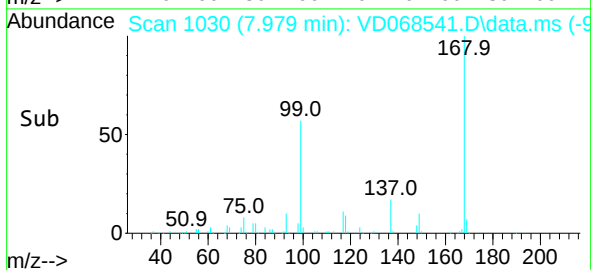
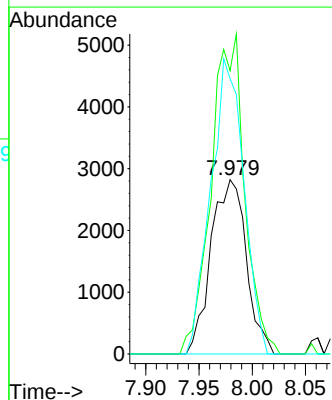
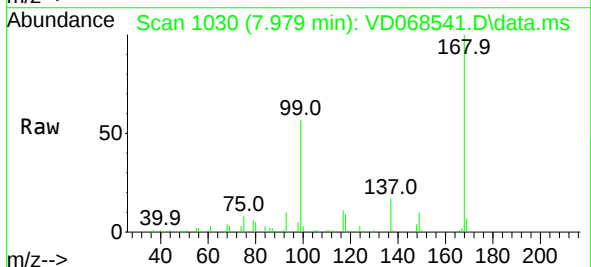
Instrument :
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ClientSampleId :
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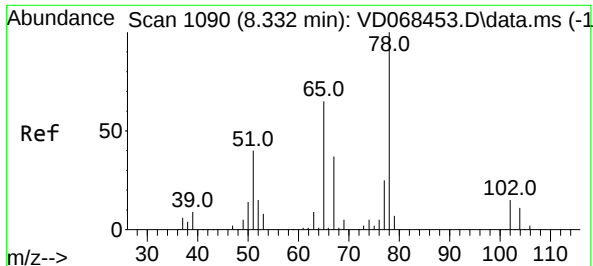
Tgt Ion:	84	Resp:	3044
Ion	Ratio	Lower	Upper
84	100		
49	87.6	77.4	116.2
51	26.0	26.1	39.1#
86	69.5	51.8	77.8



#31
Cyclohexane
Concen: 1.11 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068541.D
Acq: 05 Mar 2021 14:04

Tgt Ion:	56	Resp:	6511
Ion	Ratio	Lower	Upper
56	100		
69	162.7	30.1	45.1#
84	157.9	82.1	123.1#

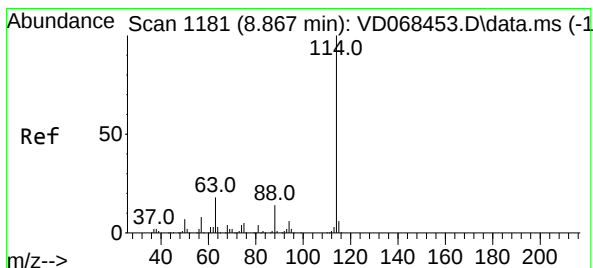
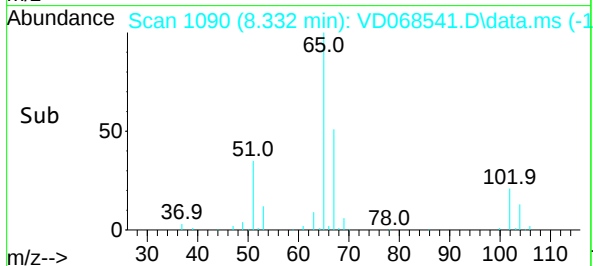
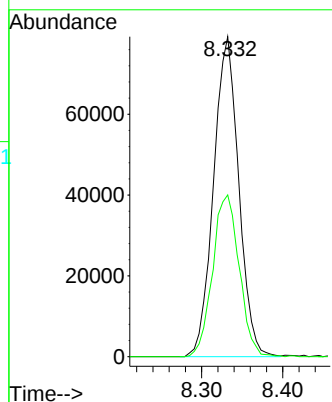
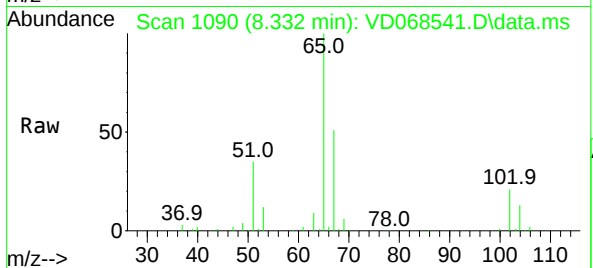




#33
1,2-Dichloroethane-d4
Concen: 52.77 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068541.D
Acq: 05 Mar 2021 14:04

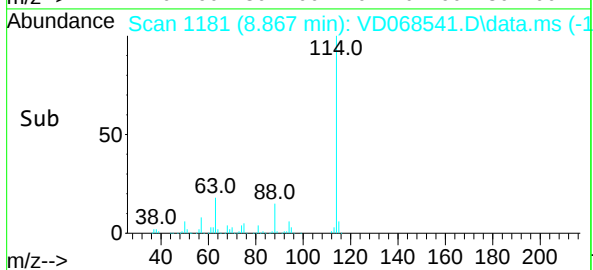
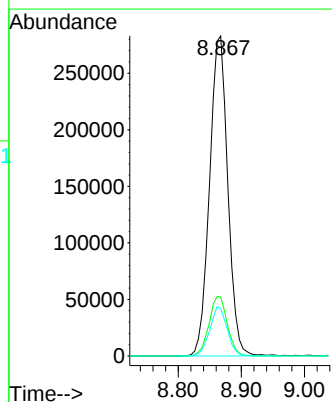
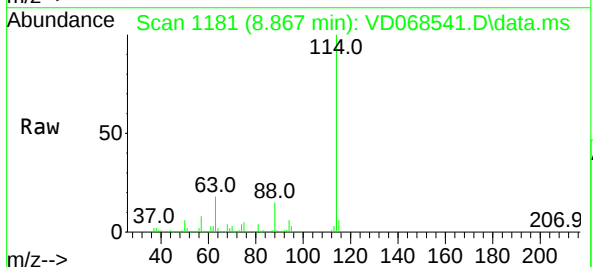
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-067-A

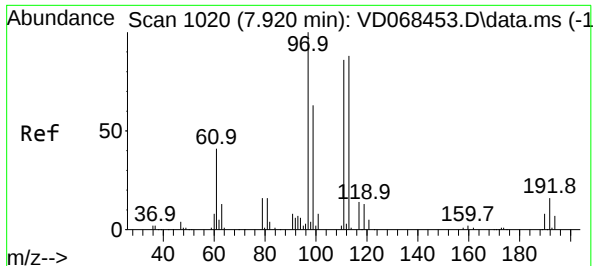
Tgt Ion: 65 Resp: 170751
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068541.D
Acq: 05 Mar 2021 14:04

Tgt Ion: 114 Resp: 567784
Ion Ratio Lower Upper
114 100
63 18.4 0.0 34.8
88 14.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.95 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.005 min

Lab File: VD068541.D

Acq: 05 Mar 2021 14:04

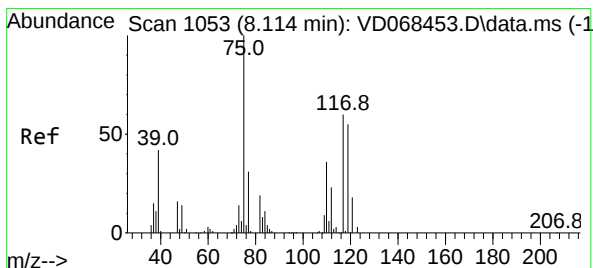
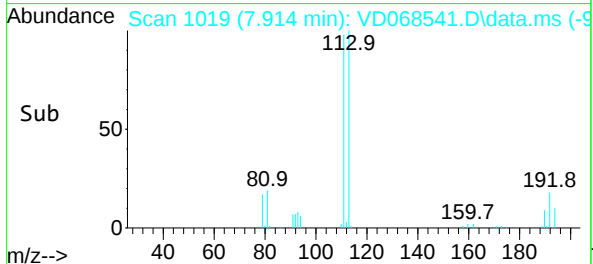
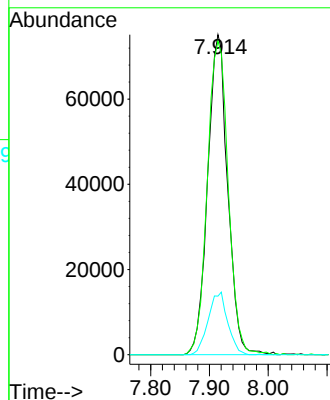
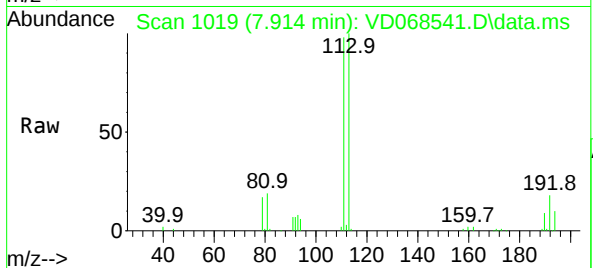
Tgt Ion:113 Resp: 177689

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 19.1 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.53 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD068541.D

Acq: 05 Mar 2021 14:04

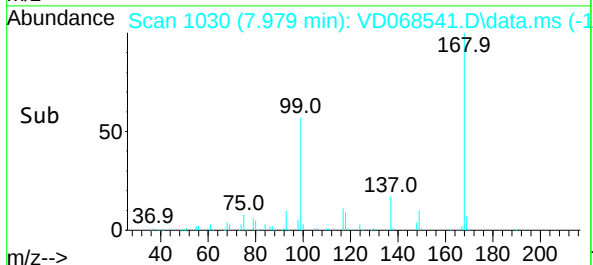
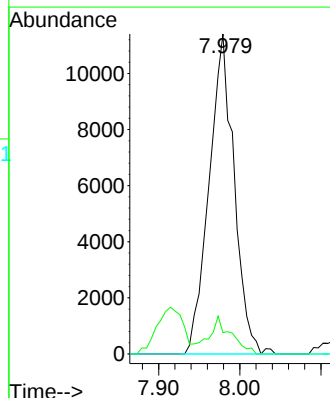
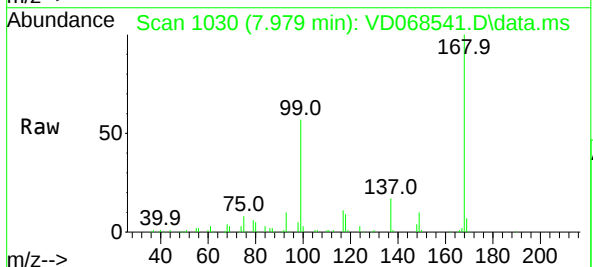
Tgt Ion: 75 Resp: 24440

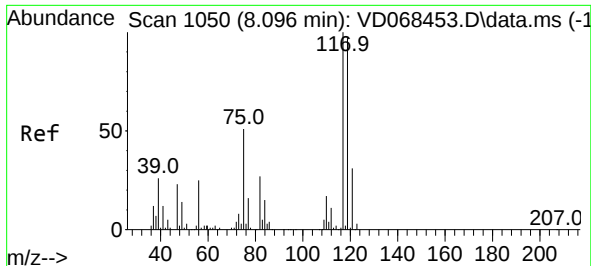
Ion Ratio Lower Upper

75 100

110 10.3 19.4 58.2#

77 0.0 25.3 37.9#

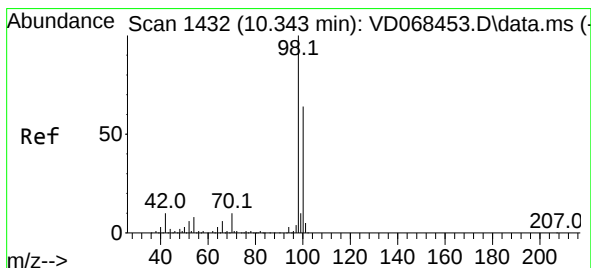
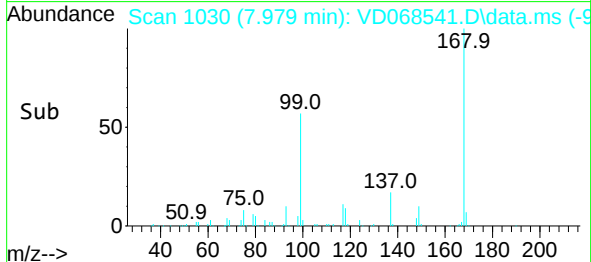
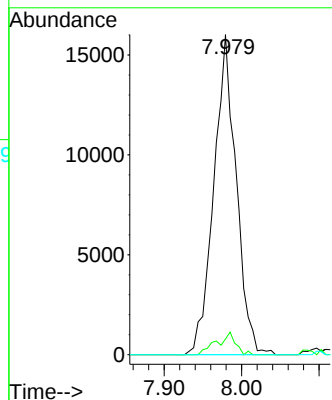
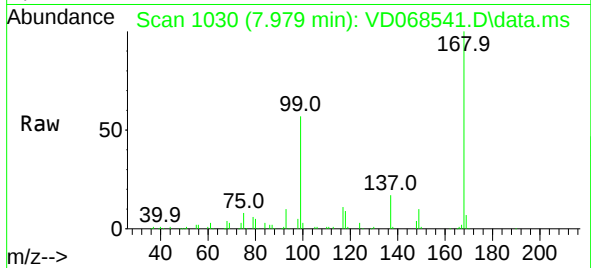




#38
Carbon Tetrachloride
Concen: 6.36 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068541.D
Acq: 05 Mar 2021 14:04

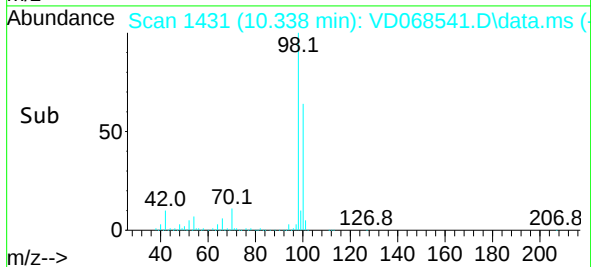
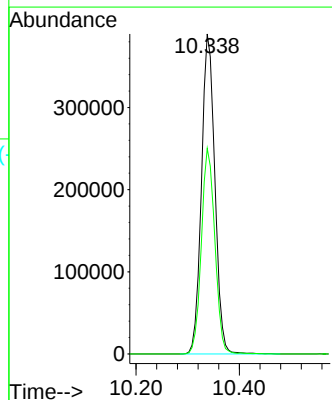
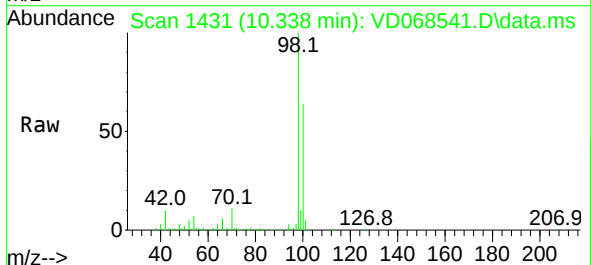
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ClientSampleId :
FK-GF-02-067-A

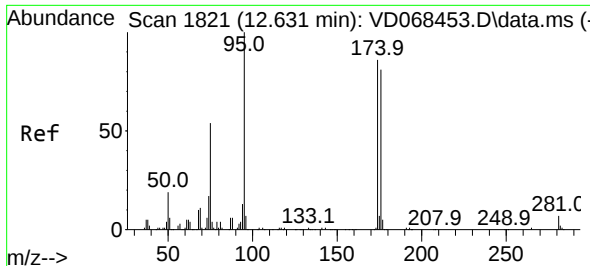
Tgt Ion:117 Resp: 32258
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.37 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD068541.D
Acq: 05 Mar 2021 14:04

Tgt Ion: 98 Resp: 699780
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4

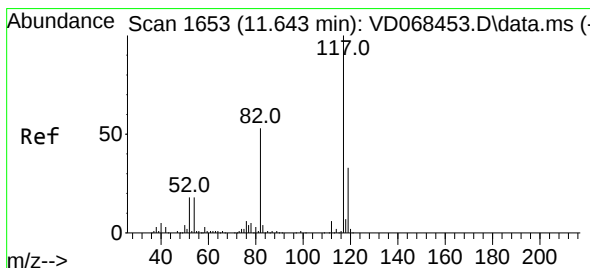
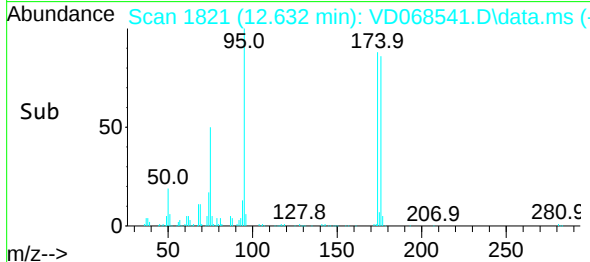
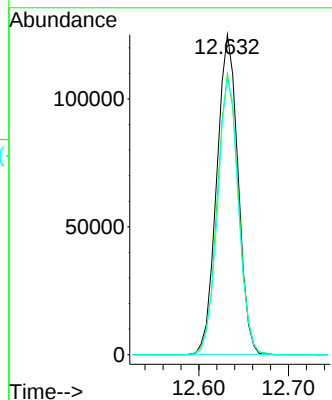
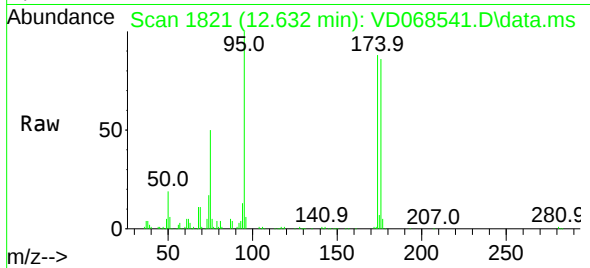




#62
4-Bromofluorobenzene
Concen: 47.01 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068541.D
Acq: 05 Mar 2021 14:04

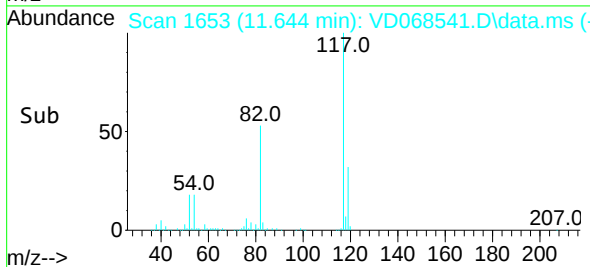
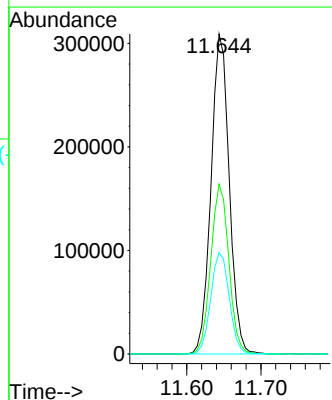
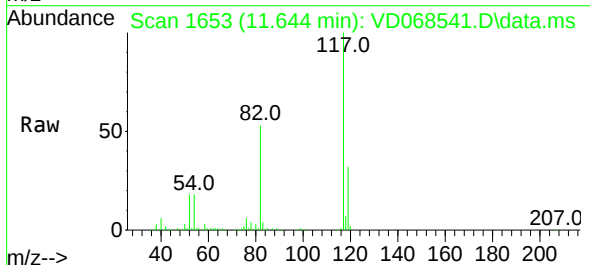
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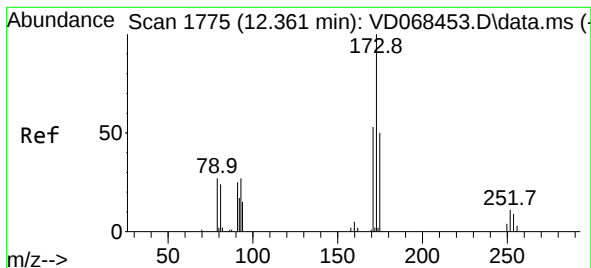
Tgt Ion: 95 Resp: 206386
Ion Ratio Lower Upper
95 100
174 87.4 0.0 172.4
176 84.9 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068541.D
Acq: 05 Mar 2021 14:04

Tgt Ion: 117 Resp: 527288
Ion Ratio Lower Upper
117 100
82 53.1 41.4 62.0
119 31.7 26.1 39.1

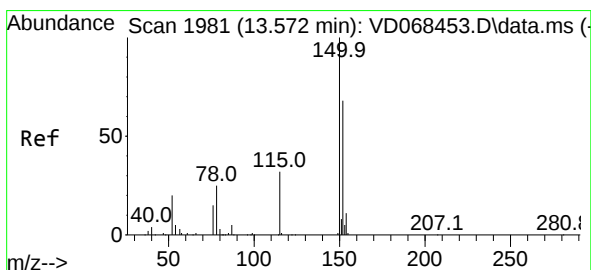
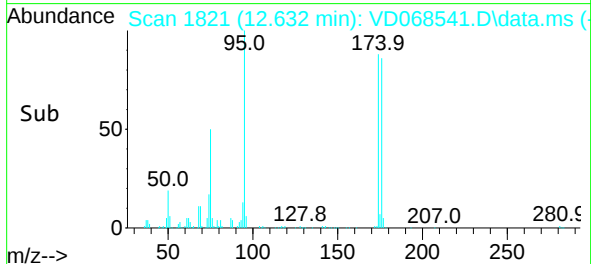
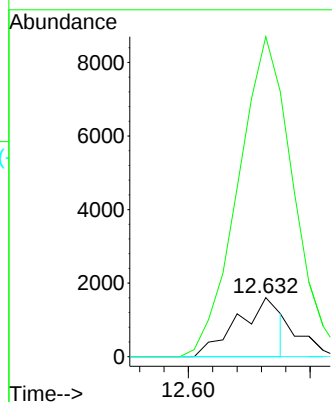
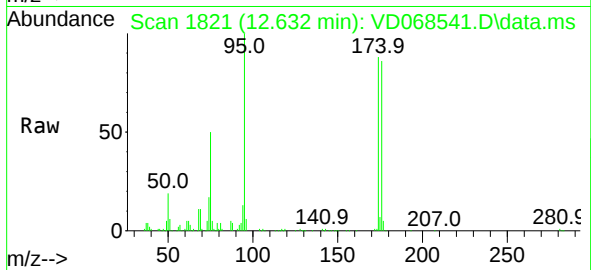




#71
Bromoform
Concen: 1.06 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.271 min
Lab File: VD068541.D
Acq: 05 Mar 2021 14:04

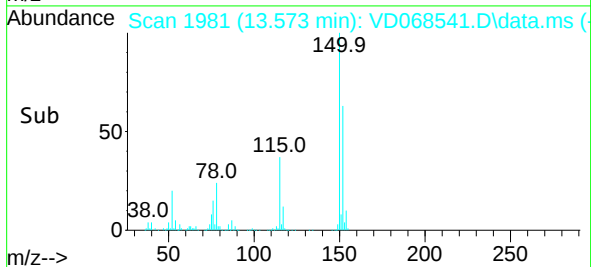
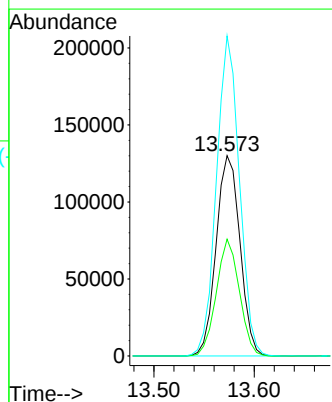
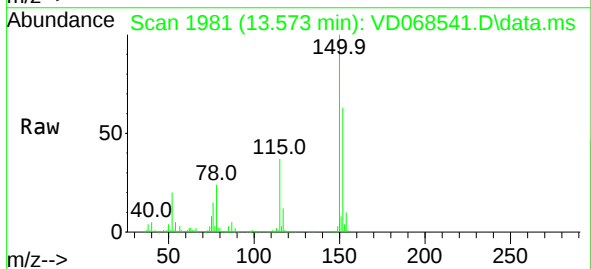
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-067-A

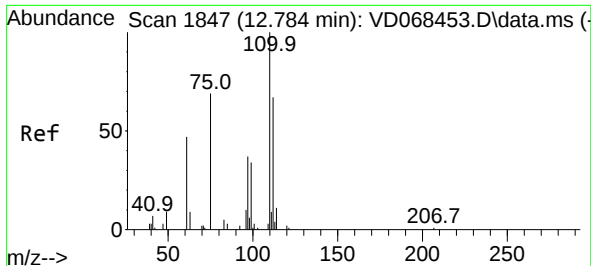
Tgt Ion:173 Resp: 2006
Ion Ratio Lower Upper
173 100
175 545.5 24.6 73.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068541.D
Acq: 05 Mar 2021 14:04

Tgt Ion:152 Resp: 214678
Ion Ratio Lower Upper
152 100
115 56.3 28.9 86.8
150 153.8 0.0 344.4

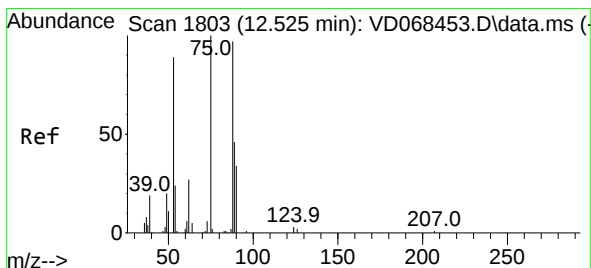
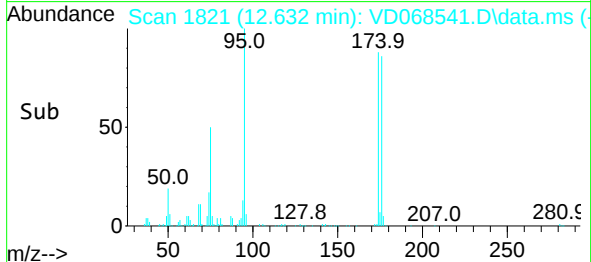
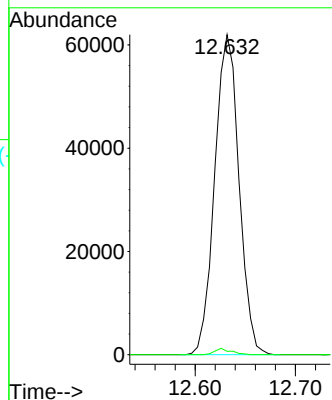
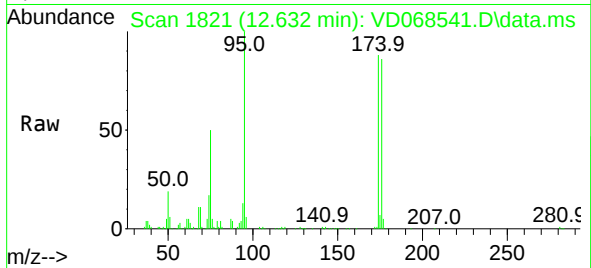




#76
1,2,3-Trichloropropane
Concen: 54.72 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068541.D
Acq: 05 Mar 2021 14:04

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-067-A

Tgt Ion: 75 Resp: 104286
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.70 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068541.D
Acq: 05 Mar 2021 14:04

Tgt Ion: 75 Resp: 104286
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

