

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030521\
 Data File : VD068542.D
 Acq On : 05 Mar 2021 14:32
 Operator : VA/SY
 Sample : M1589-04
 Misc : 5.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 05 23:12:07 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)

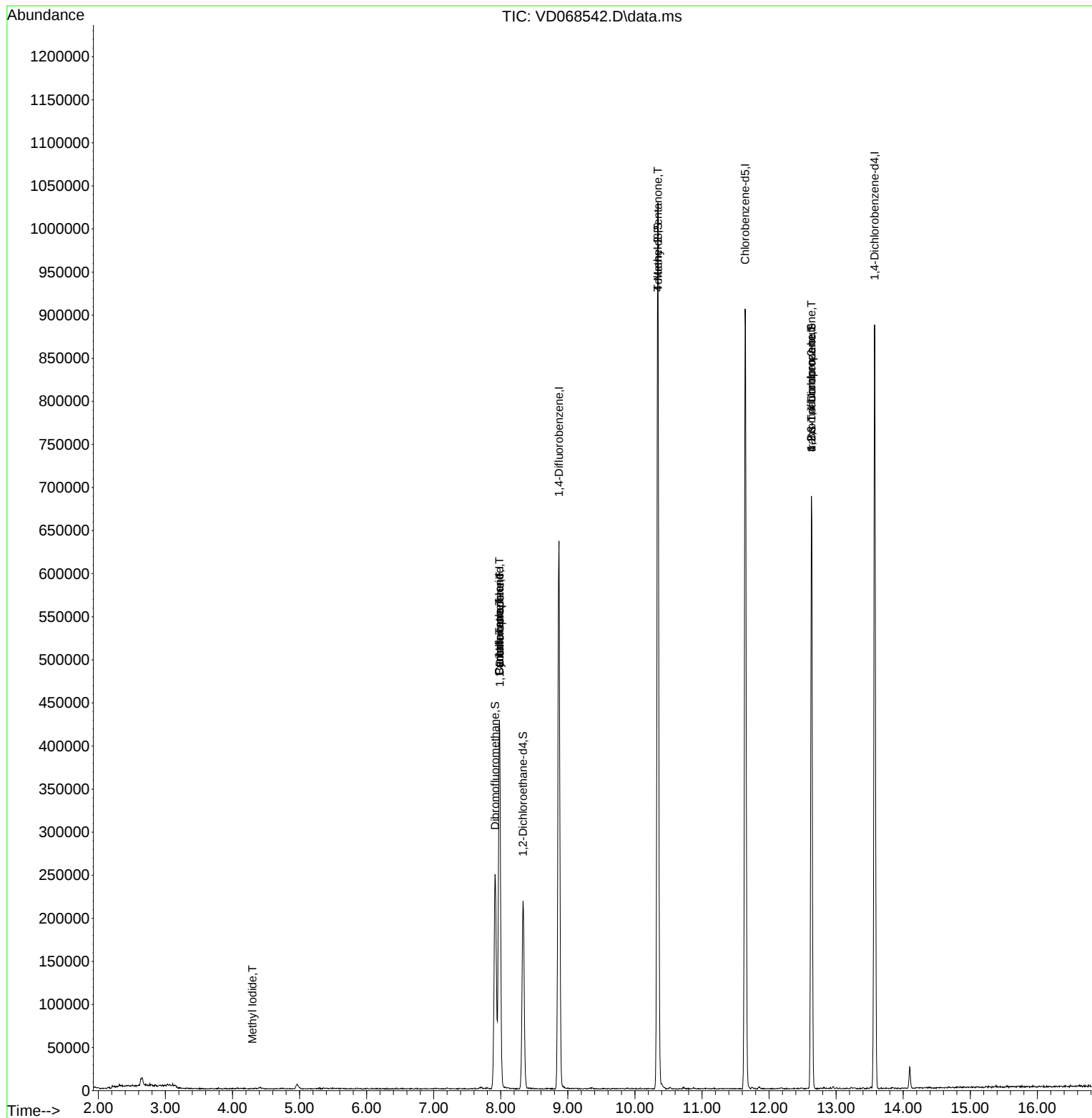
Internal Standards						
1) Pentafluorobenzene	7.979	168	332026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	573134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	554941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	241976	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	174837	52.70	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.40%			
35) Dibromofluoromethane	7.914	113	181525	52.58	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.16%			
50) Toluene-d8	10.343	98	725684	52.77	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.54%			
62) 4-Bromofluorobenzene	12.631	95	225567	50.90	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.80%			
Target Compounds						Qvalue
10) Methyl Iodide	4.297	142	144	2.65	ug/l #	38
20) Methylene Chloride	4.967	84	4526	Below Cal	#	69
31) Cyclohexane	7.979	56	6895	1.14	ug/l #	31
36) 1,1-Dichloropropene	7.985	75	25438	4.67	ug/l #	47
38) Carbon Tetrachloride	7.979	117	33767	6.60	ug/l #	17
51) 4-Methyl-2-Pentanone	10.343	43	3072	1.77	ug/l #	1
76) 1,2,3-Trichloropropane	12.631	75	112368	52.31	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.631	75	112368	122.07	ug/l #	13

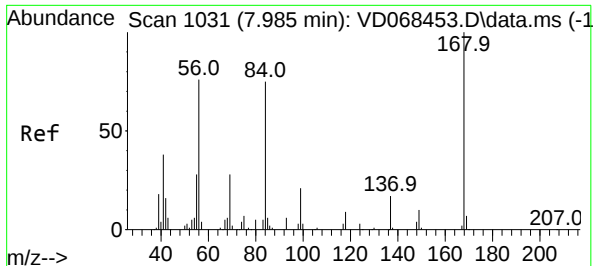
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030521\
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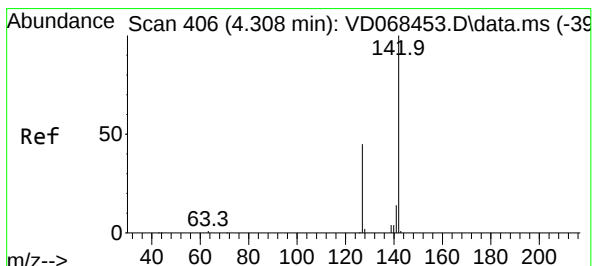
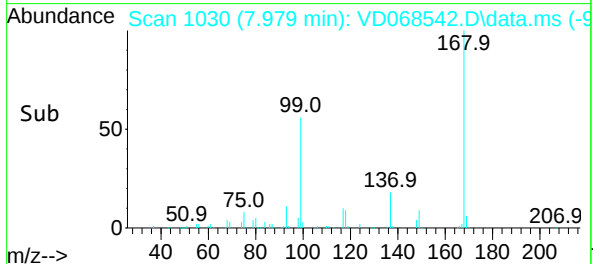
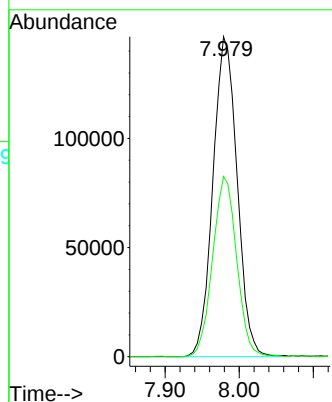
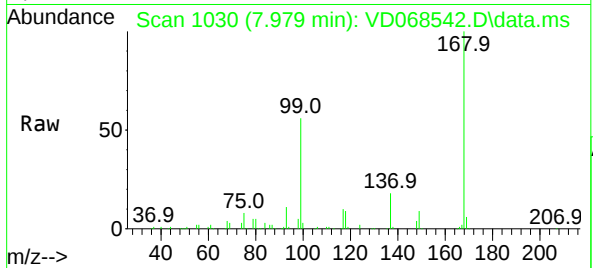




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068542.D
Acq: 05 Mar 2021 14:32

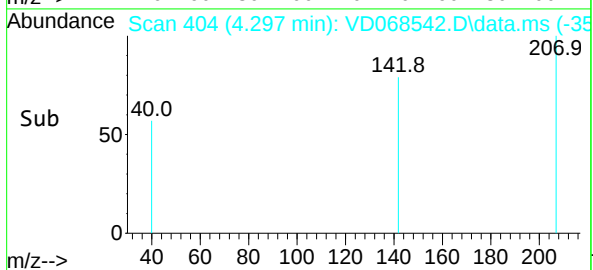
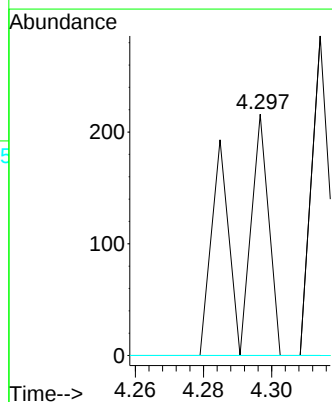
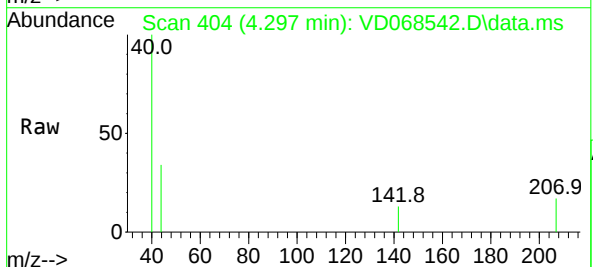
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-067-B

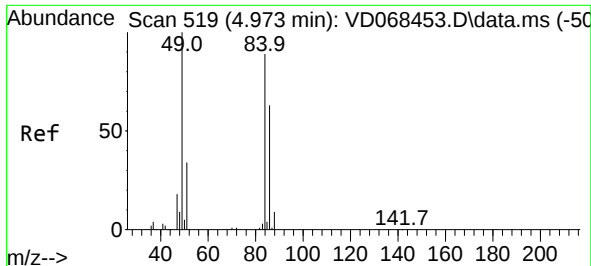
Tgt Ion:168 Resp: 332026
Ion Ratio Lower Upper
168 100
99 56.3 43.5 65.3



#10
Methyl Iodide
Concen: 2.65 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068542.D
Acq: 05 Mar 2021 14:32

Tgt Ion:142 Resp: 144
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

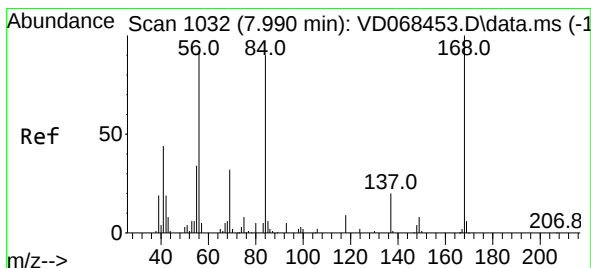
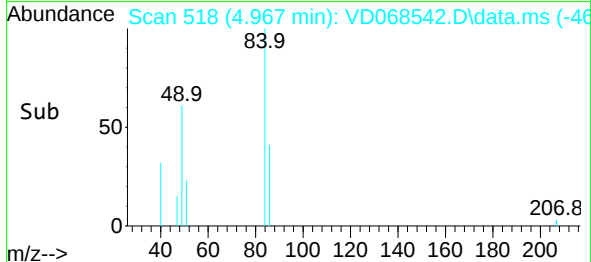
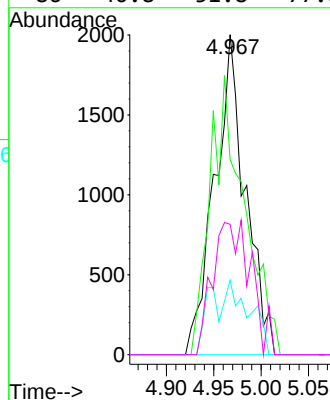
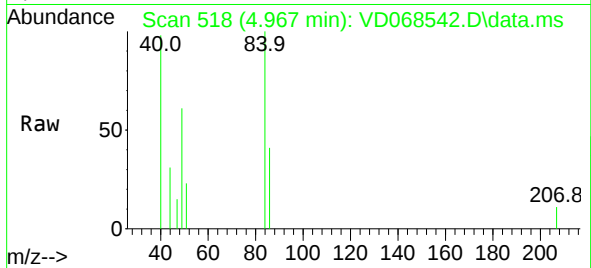




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068542.D
Acq: 05 Mar 2021 14:32

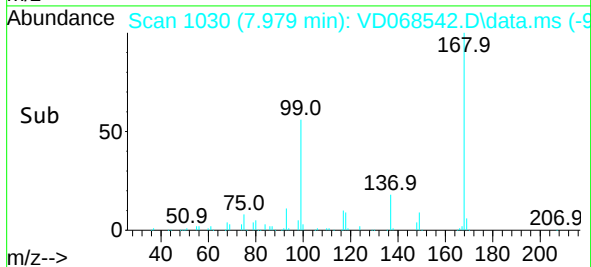
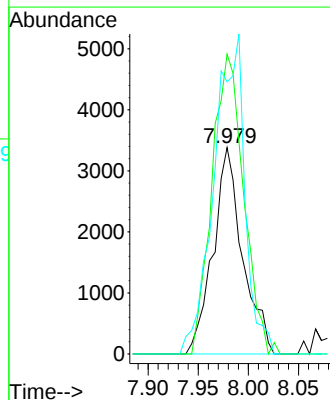
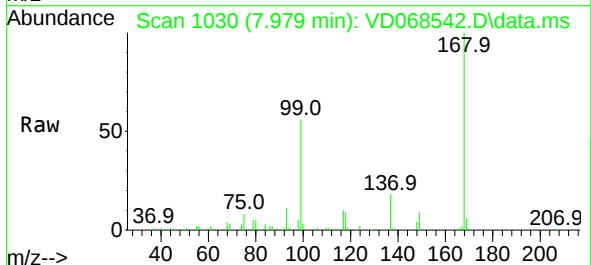
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-067-B

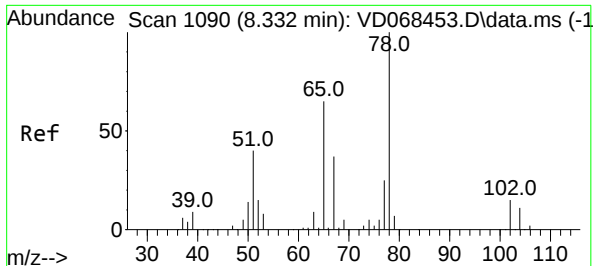
Tgt Ion:	84	Resp:	4526
Ion	Ratio	Lower	Upper
84	100		
49	61.0	77.4	116.2#
51	23.3	26.1	39.1#
86	40.8	51.8	77.8#



#31
Cyclohexane
Concen: 1.14 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD068542.D
Acq: 05 Mar 2021 14:32

Tgt Ion:	56	Resp:	6895
Ion	Ratio	Lower	Upper
56	100		
69	145.3	30.1	45.1#
84	131.8	82.1	123.1#





#33

1,2-Dichloroethane-d4

Concen: 52.70 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VD068542.D

Acq: 05 Mar 2021 14:32

Tgt Ion: 65 Resp: 174837

Ion Ratio Lower Upper

65 100

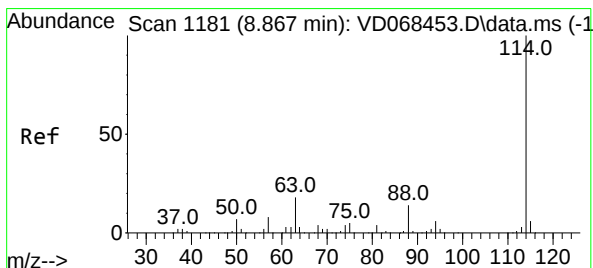
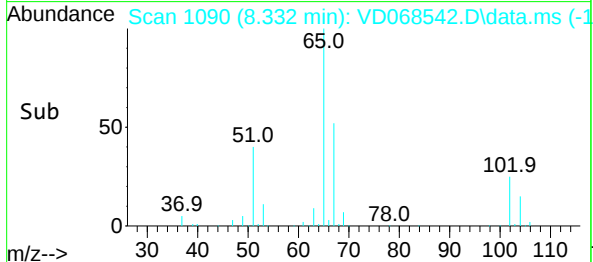
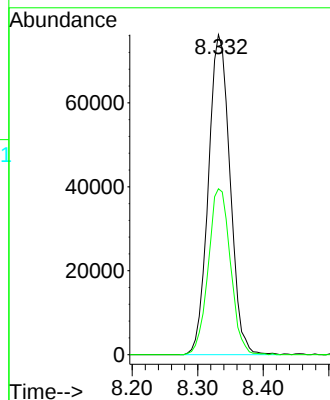
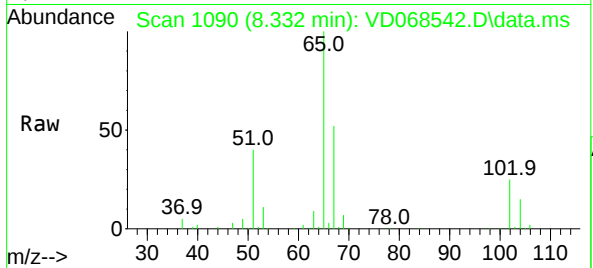
67 53.1 0.0 105.0

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-067-B



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD068542.D

Acq: 05 Mar 2021 14:32

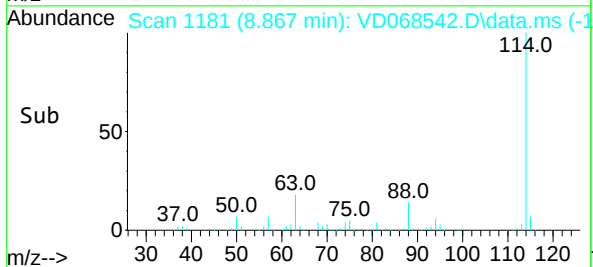
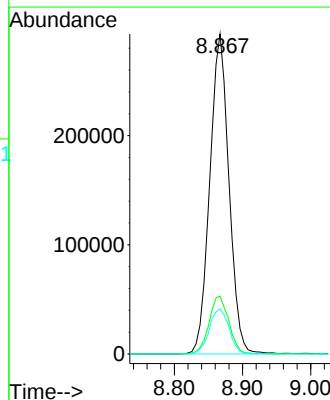
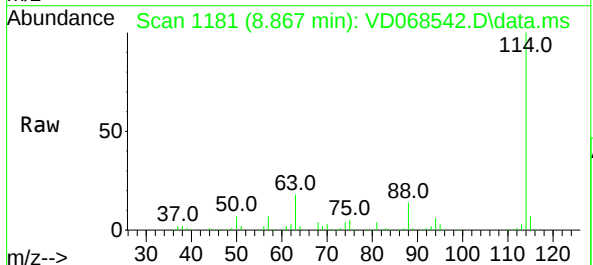
Tgt Ion: 114 Resp: 573134

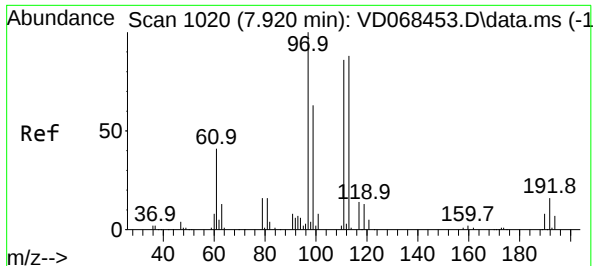
Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

88 14.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 52.58 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068542.D

Acq: 05 Mar 2021 14:32

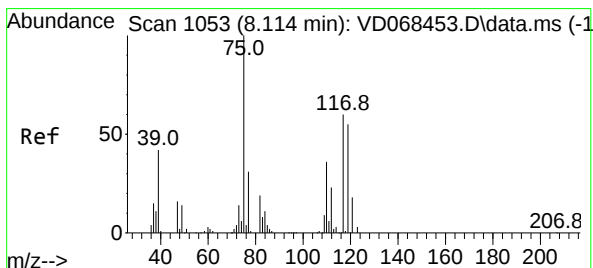
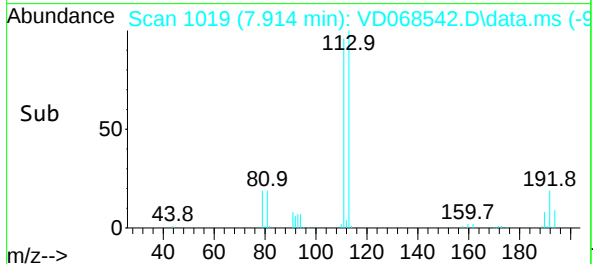
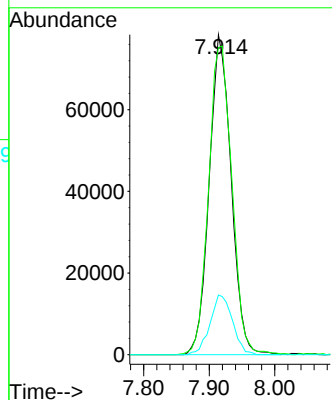
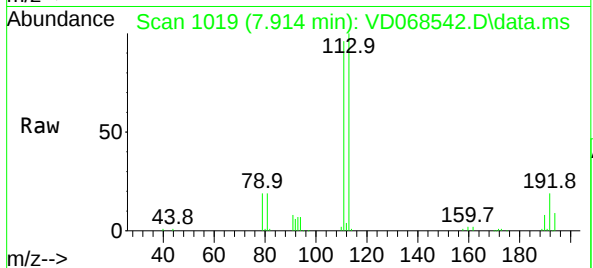
Tgt Ion:113 Resp: 181525

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 19.1 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.67 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.129 min

Lab File: VD068542.D

Acq: 05 Mar 2021 14:32

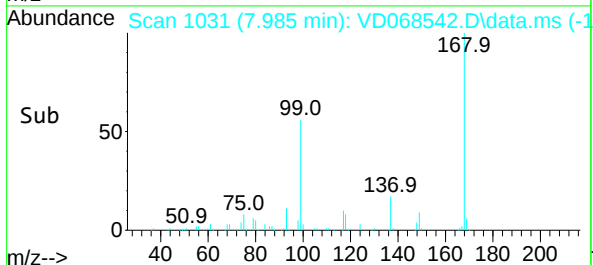
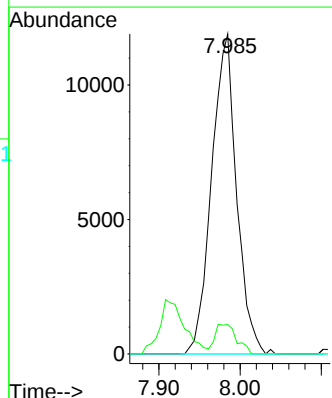
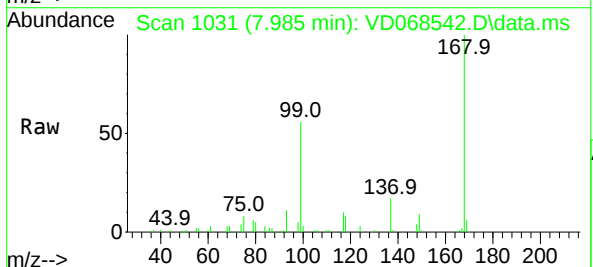
Tgt Ion: 75 Resp: 25438

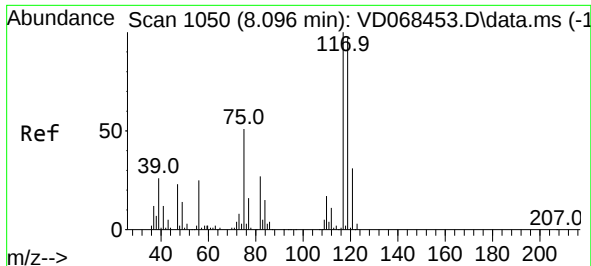
Ion Ratio Lower Upper

75 100

110 8.0 19.4 58.2#

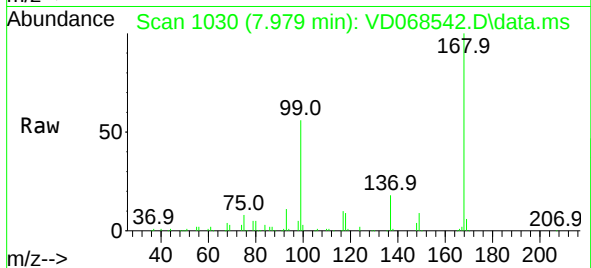
77 0.0 25.3 37.9#



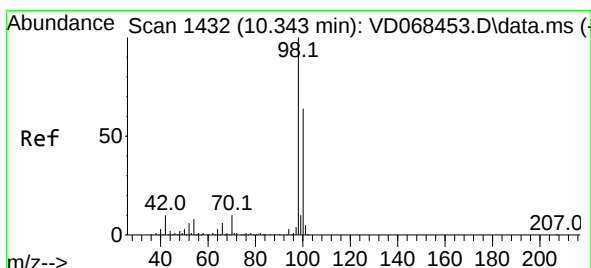
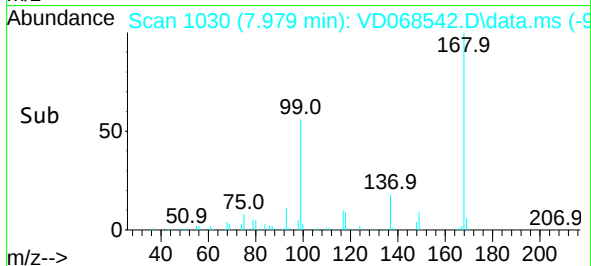
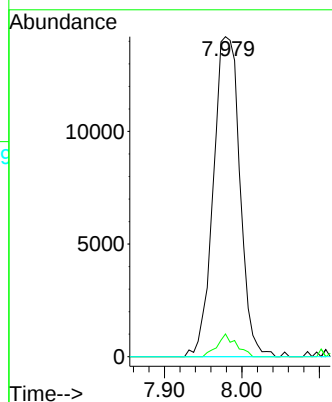


#38
Carbon Tetrachloride
Concen: 6.60 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068542.D
Acq: 05 Mar 2021 14:32

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

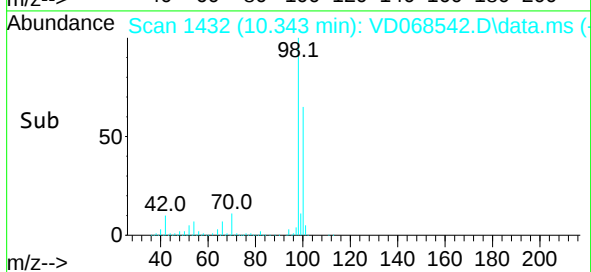
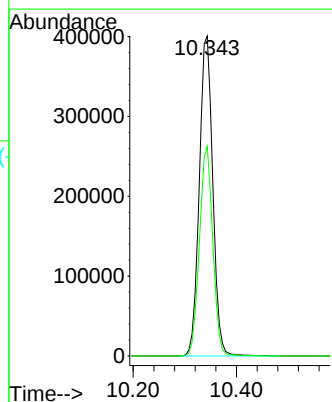
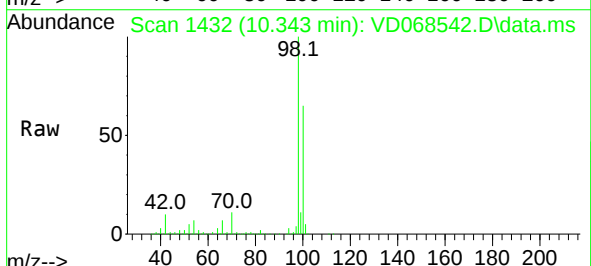


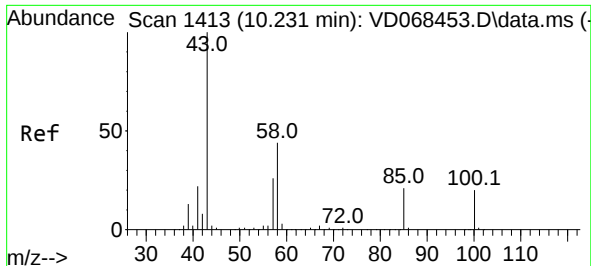
Tgt Ion:117 Resp: 33767
Ion Ratio Lower Upper
117 100
119 7.1 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.77 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068542.D
Acq: 05 Mar 2021 14:32

Tgt Ion: 98 Resp: 725684
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.4

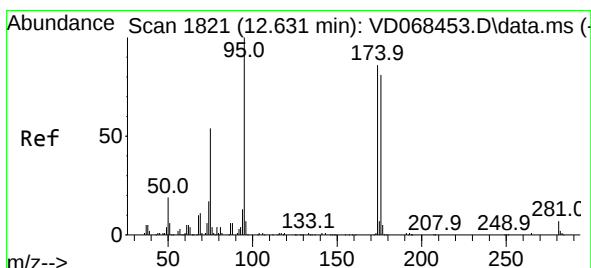
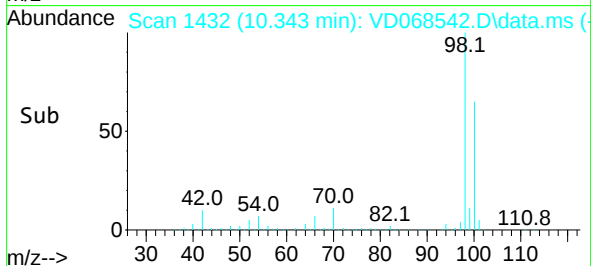
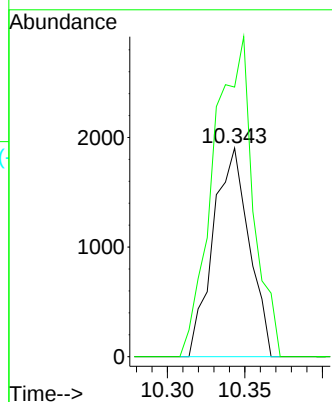
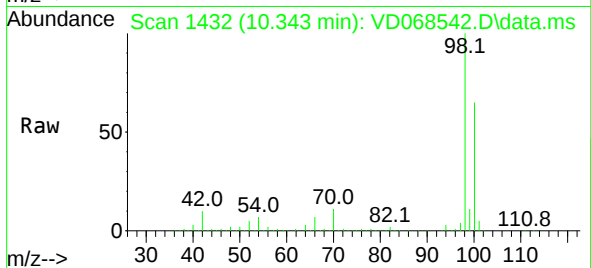




#51
4-Methyl-2-Pentanone
Concen: 1.77 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.112 min
Lab File: VD068542.D
Acq: 05 Mar 2021 14:32

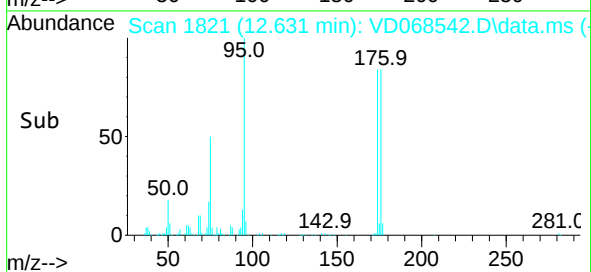
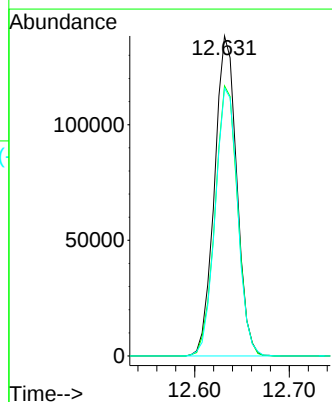
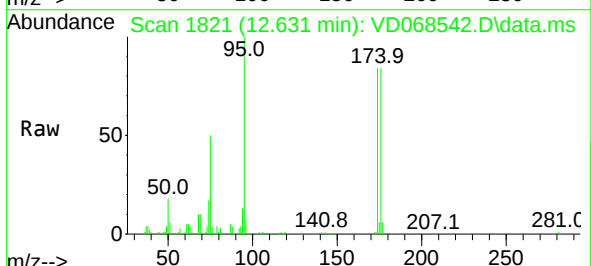
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MSVOA_D
ClientSampleId :
FK-GF-02-067-B

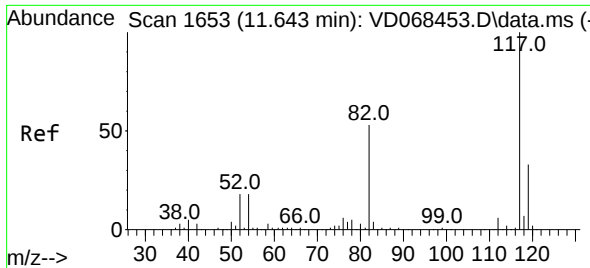
Tgt Ion: 43 Resp: 3072
Ion Ratio Lower Upper
43 100
58 169.8 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 50.90 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068542.D
Acq: 05 Mar 2021 14:32

Tgt Ion: 95 Resp: 225567
Ion Ratio Lower Upper
95 100
174 85.4 0.0 172.4
176 84.4 0.0 168.4

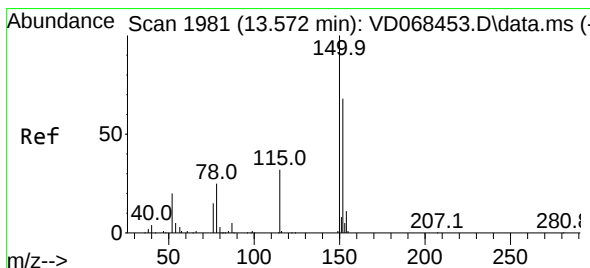
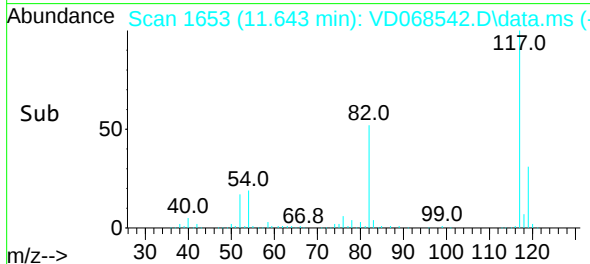
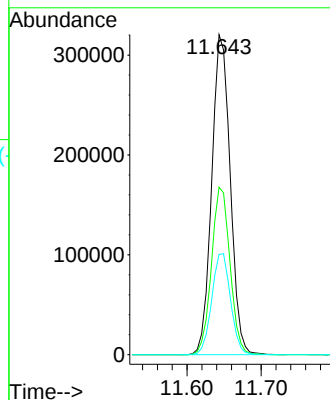
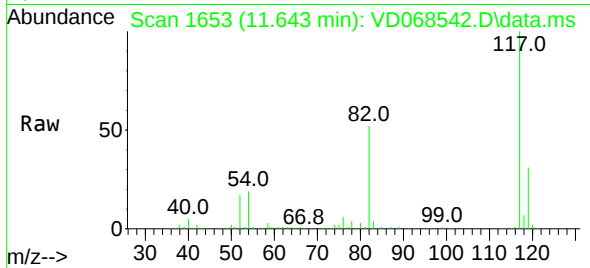




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068542.D
Acq: 05 Mar 2021 14:32

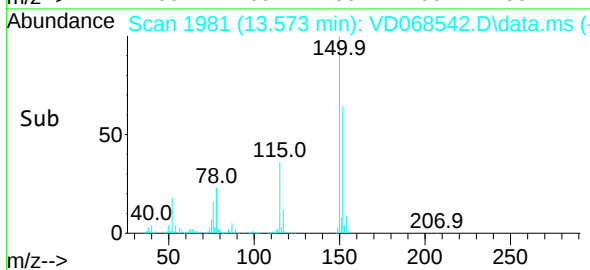
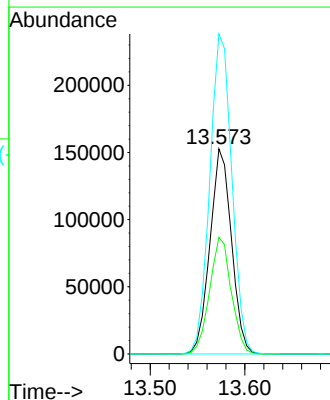
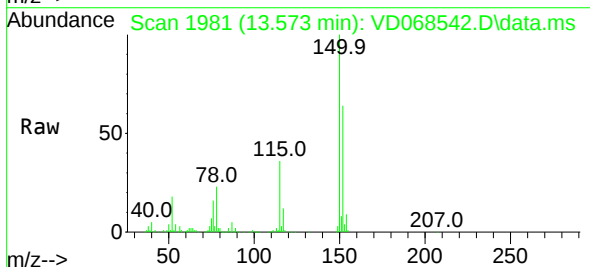
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-067-B

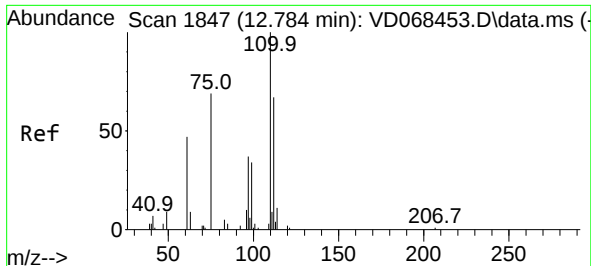
Tgt Ion:117	Resp: 554941
Ion Ratio	Lower Upper
117 100	
82 52.4	41.4 62.0
119 31.3	26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068542.D
Acq: 05 Mar 2021 14:32

Tgt Ion:152	Resp: 241976
Ion Ratio	Lower Upper
152 100	
115 57.2	28.9 86.8
150 159.6	0.0 344.4

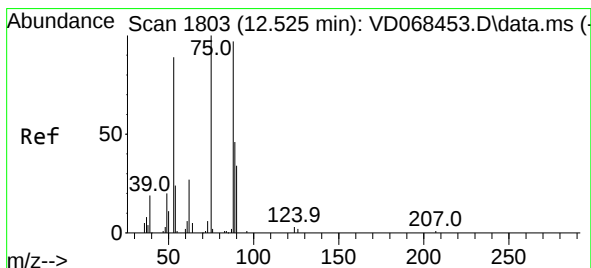
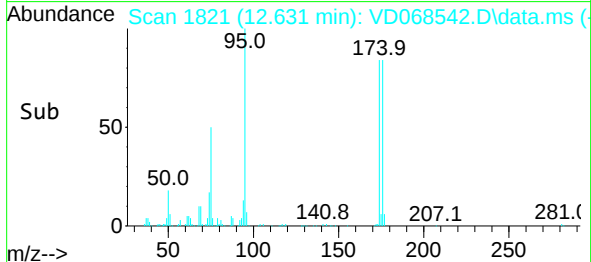
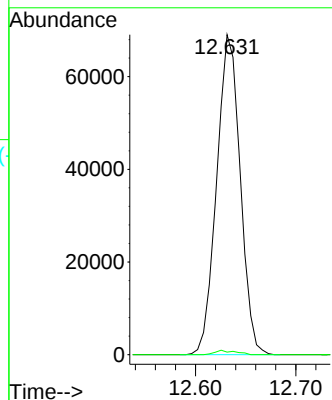
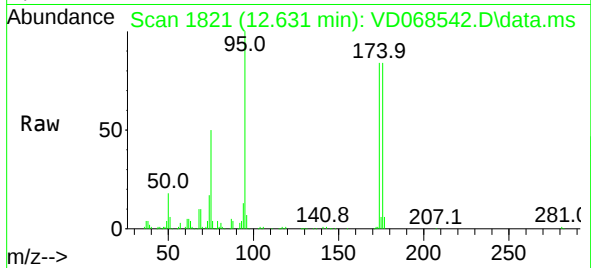




#76
1,2,3-Trichloropropane
Concen: 52.31 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068542.D
Acq: 05 Mar 2021 14:32

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

Tgt Ion: 75 Resp: 112368
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.07 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068542.D
Acq: 05 Mar 2021 14:32

Tgt Ion: 75 Resp: 112368
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

