

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030521\
 Data File : VD068543.D
 Acq On : 05 Mar 2021 15:00
 Operator : VA/SY
 Sample : M1590-02
 Misc : 6.1G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-EF-01-018-ABCD

Quant Time: Mar 05 23:12:24 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	318787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	543675	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	523498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	231343	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	163022	51.18	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.36%
35) Dibromofluoromethane	7.914	113	167131	51.03	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.06%
50) Toluene-d8	10.344	98	683395	52.39	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.78%
62) 4-Bromofluorobenzene	12.632	95	213668	50.82	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.64%

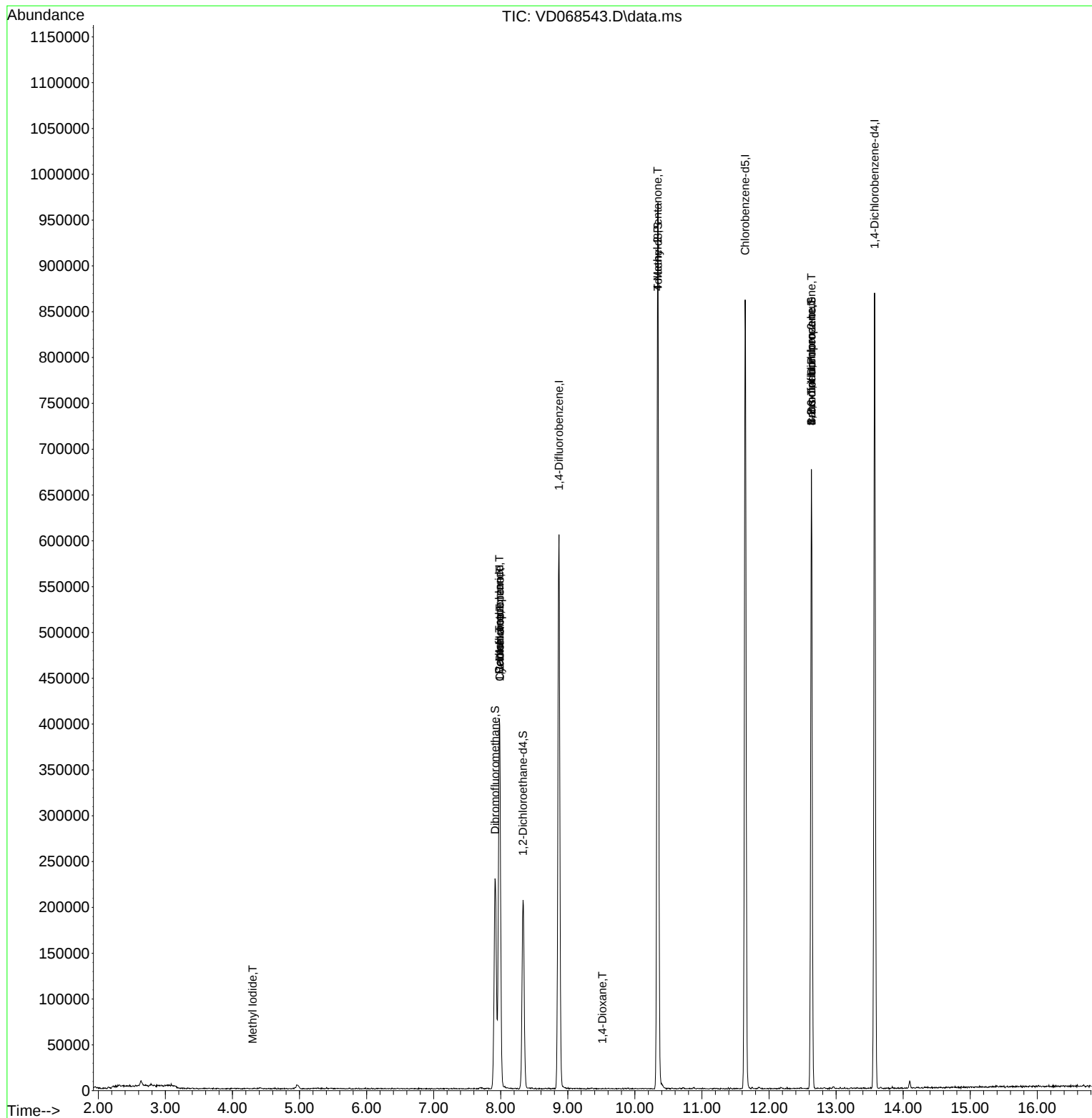
Target Compounds					Qvalue	
10) Methyl Iodide	4.303	142	564	2.76	ug/l	# 50
20) Methylene Chloride	4.962	84	3661	Below	Cal	# 86
31) Cyclohexane	7.985	56	6805	1.17	ug/l	# 10
36) 1,1-Dichloropropene	7.985	75	23932	4.63	ug/l	# 46
38) Carbon Tetrachloride	7.979	117	30326	6.25	ug/l	# 14
49) 1,4-Dioxane	9.514	88	60	2.73	ug/l	# 30
51) 4-Methyl-2-Pentanone	10.338	43	2533	1.54	ug/l	# 1
71) Bromoform	12.632	173	1884	1.00	ug/l	# 1
76) 1,2,3-Trichloropropane	12.632	75	108970	53.06	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	108970	123.82	ug/l	# 13

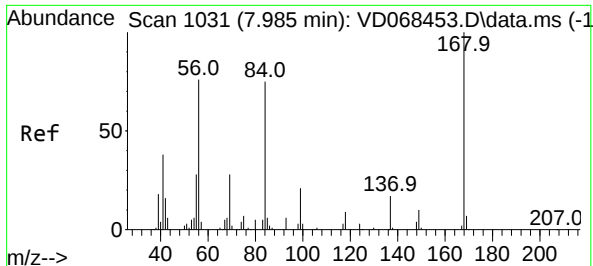
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030521\
Data File : VD068543.D
Acq On : 05 Mar 2021 15:00
Operator : VA/SY
Sample : M1590-02
Misc : 6.1G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-018-ABCD

Quant Time: Mar 05 23:12:24 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

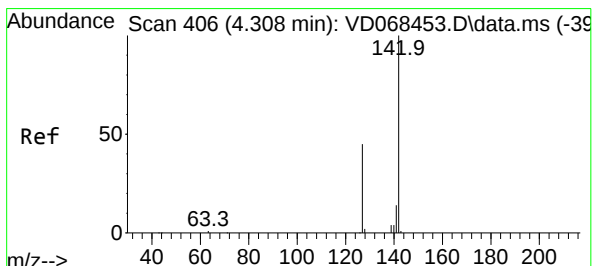
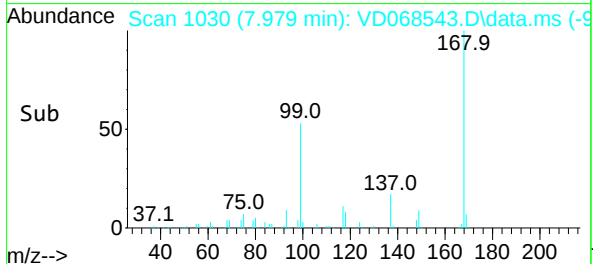
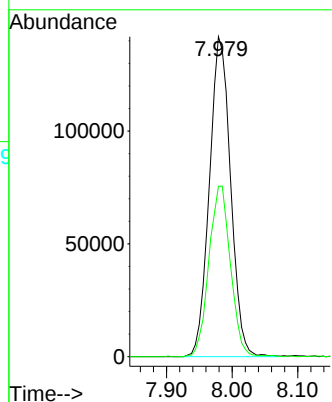
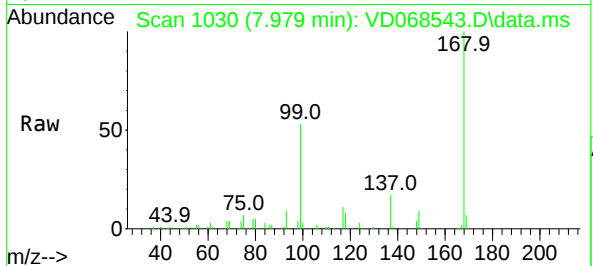




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068543.D
Acq: 05 Mar 2021 15:00

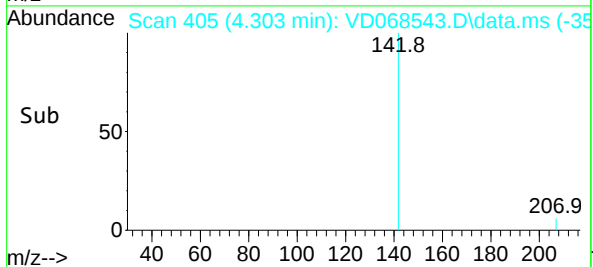
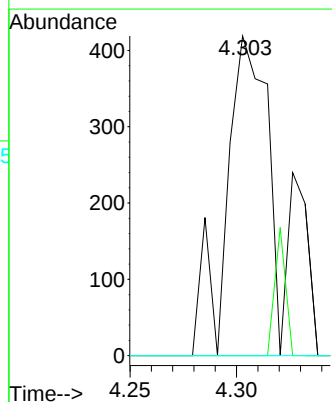
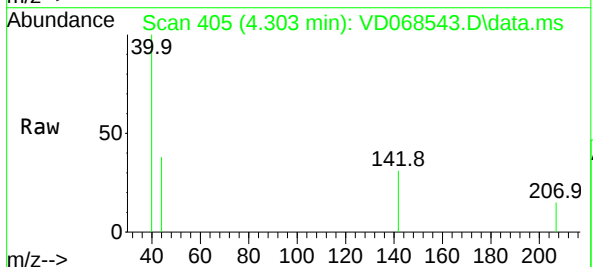
Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-018-ABCD

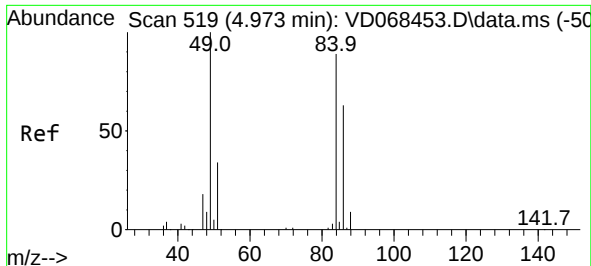
Tgt Ion:168 Resp: 318787
Ion Ratio Lower Upper
168 100
99 53.3 43.5 65.3



#10
Methyl Iodide
Concen: 2.76 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068543.D
Acq: 05 Mar 2021 15:00

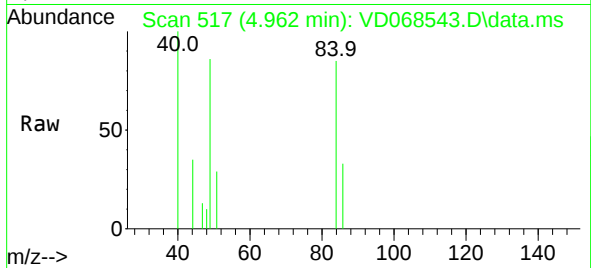
Tgt Ion:142 Resp: 564
Ion Ratio Lower Upper
142 100
127 10.5 37.9 56.9#
141 0.0 11.5 17.3#



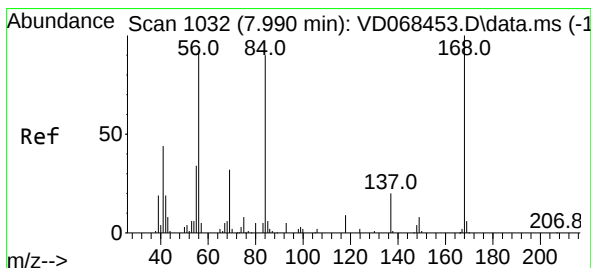
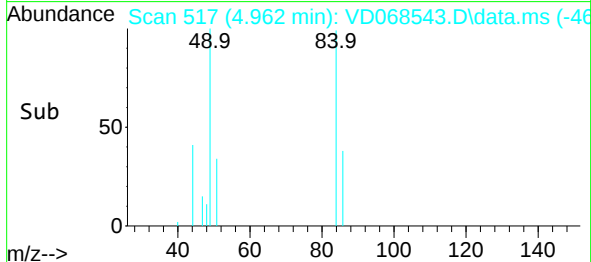
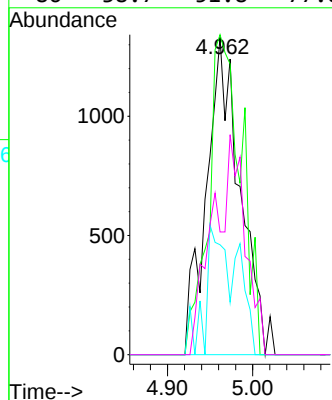


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD068543.D
Acq: 05 Mar 2021 15:00

Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-018-ABCD

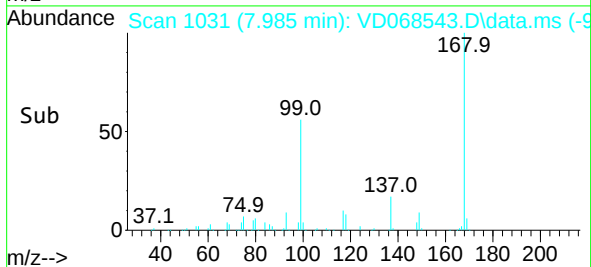
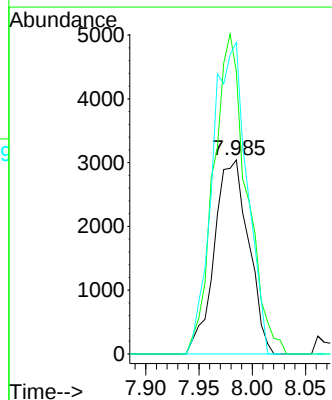
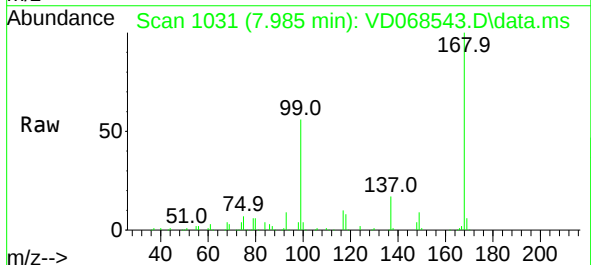


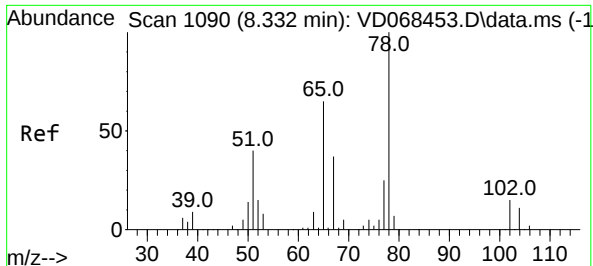
Tgt Ion:	84	Resp:	3661
Ion	Ratio	Lower	Upper
84	100		
49	100.8	77.4	116.2
51	34.6	26.1	39.1
86	38.7	51.8	77.8#



#31
Cyclohexane
Concen: 1.17 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.005 min
Lab File: VD068543.D
Acq: 05 Mar 2021 15:00

Tgt Ion:	56	Resp:	6805
Ion	Ratio	Lower	Upper
56	100		
69	145.3	30.1	45.1#
84	160.5	82.1	123.1#

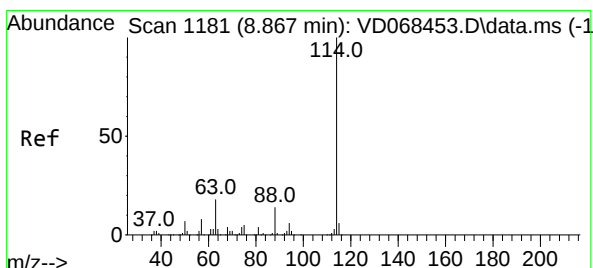
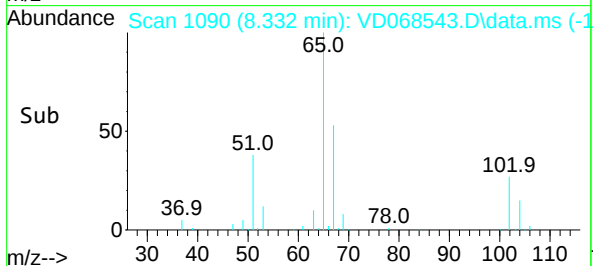
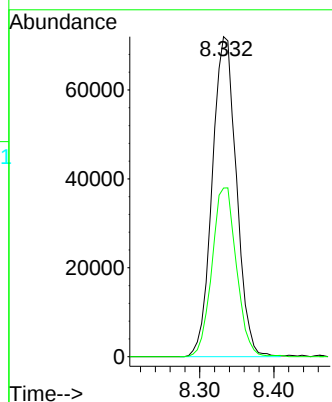
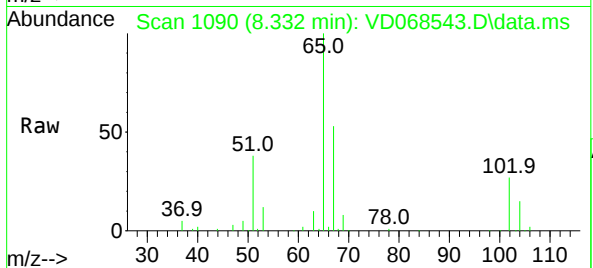




#33
1,2-Dichloroethane-d4
Concen: 51.18 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068543.D
Acq: 05 Mar 2021 15:00

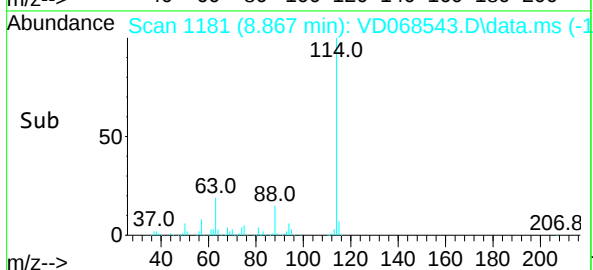
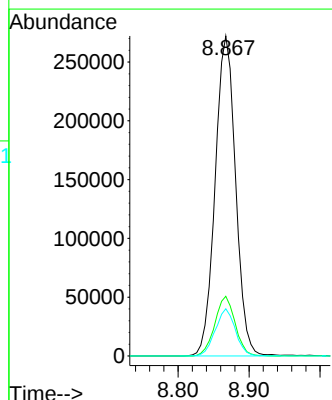
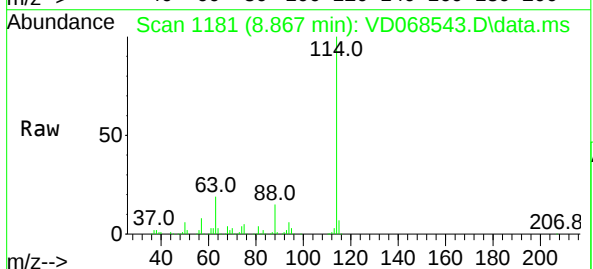
Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-018-ABCD

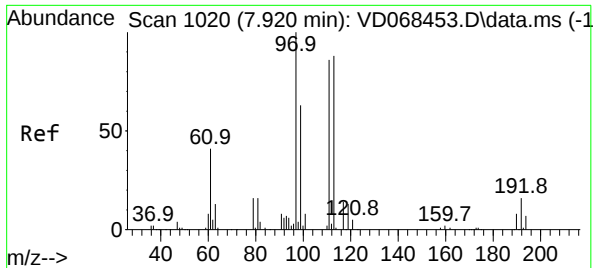
Tgt Ion: 65 Resp: 163022
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068543.D
Acq: 05 Mar 2021 15:00

Tgt Ion: 114 Resp: 543675
Ion Ratio Lower Upper
114 100
63 18.6 0.0 34.8
88 14.8 0.0 31.6

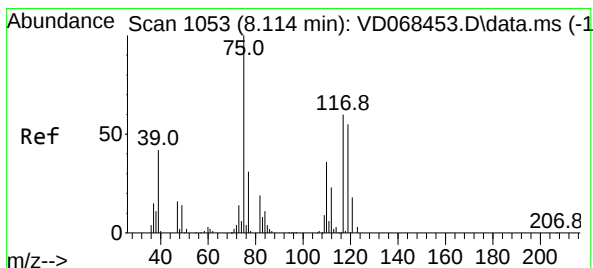
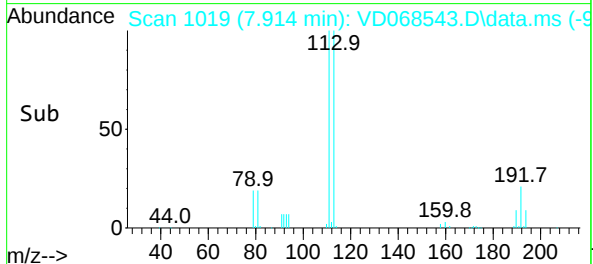
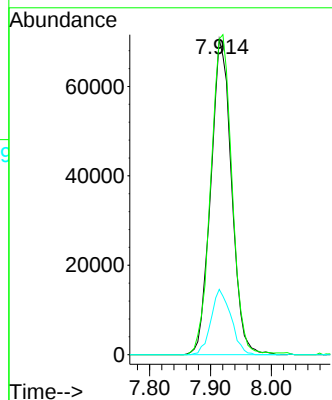
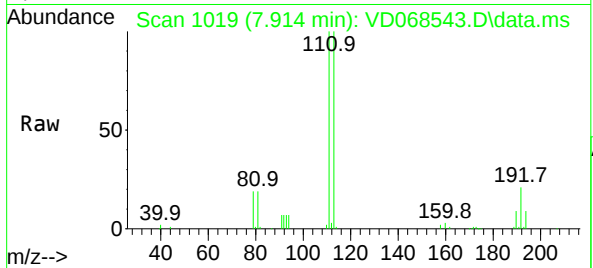




#35
Dibromofluoromethane
Concen: 51.03 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD068543.D
Acq: 05 Mar 2021 15:00

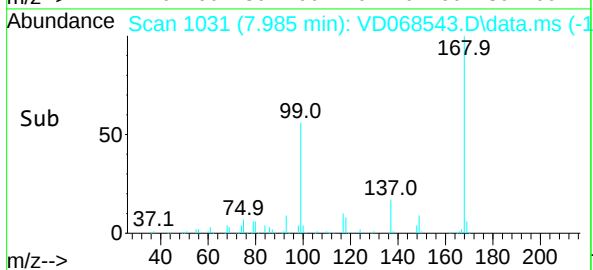
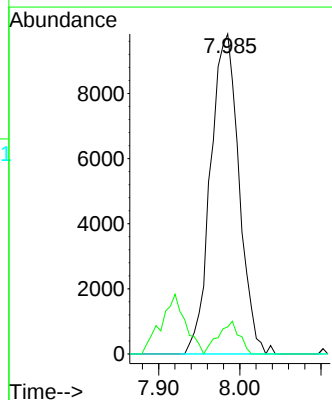
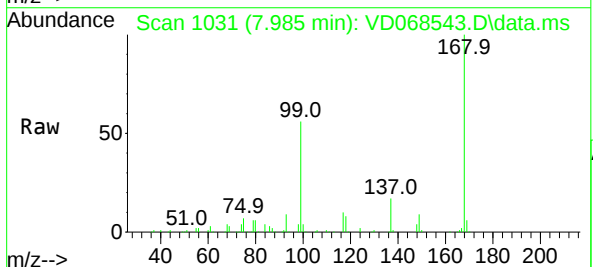
Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-018-ABCD

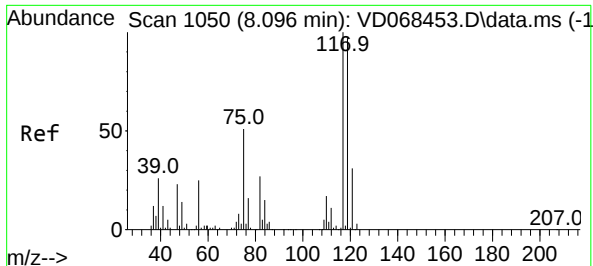
Tgt Ion:113 Resp: 167131
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 19.9 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.63 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068543.D
Acq: 05 Mar 2021 15:00

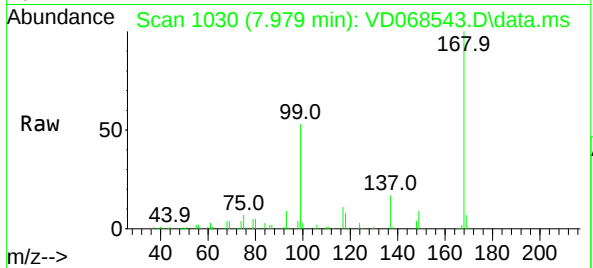
Tgt Ion: 75 Resp: 23932
Ion Ratio Lower Upper
75 100
110 7.5 19.4 58.2#
77 0.0 25.3 37.9#



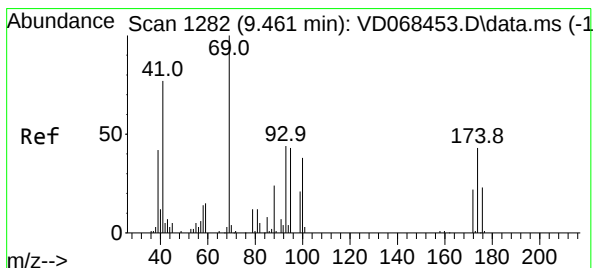
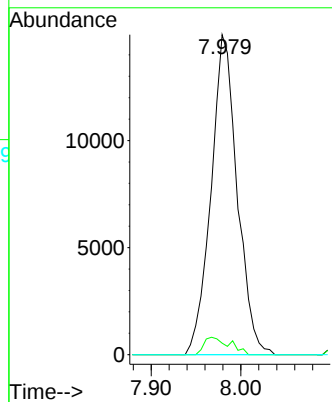
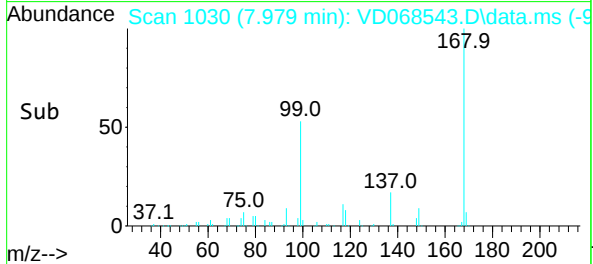


#38
Carbon Tetrachloride
Concen: 6.25 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068543.D
Acq: 05 Mar 2021 15:00

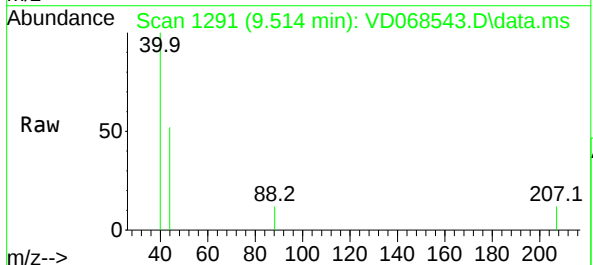
Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-018-ABCD



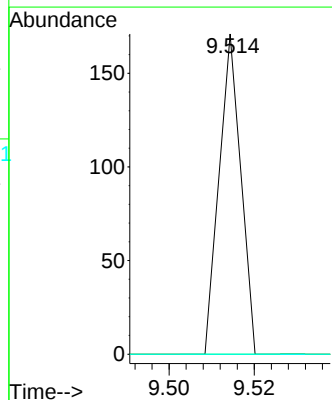
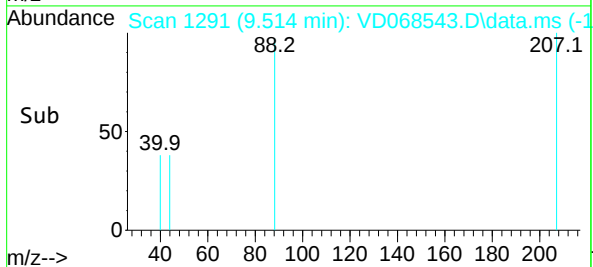
Tgt Ion: 117 Resp: 30326
Ion Ratio Lower Upper
117 100
119 3.6 77.3 115.9#
121 0.0 24.7 37.1#

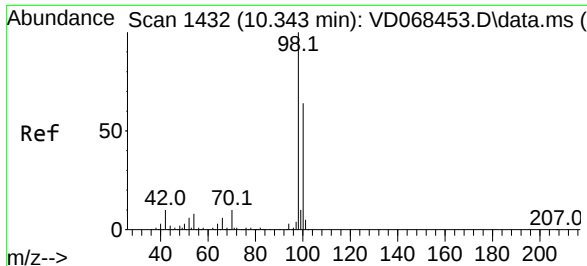


#49
1,4-Dioxane
Concen: 2.73 ug/l
RT: 9.514 min Scan# 1291
Delta R.T. 0.053 min
Lab File: VD068543.D
Acq: 05 Mar 2021 15:00



Tgt Ion: 88 Resp: 60
Ion Ratio Lower Upper
88 100
43 0.0 22.1 33.1#
58 0.0 46.7 70.1#

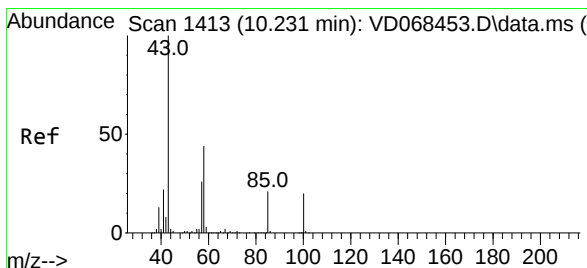
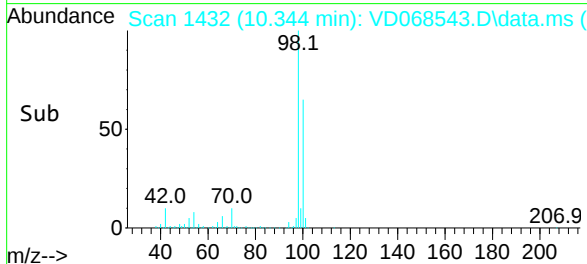
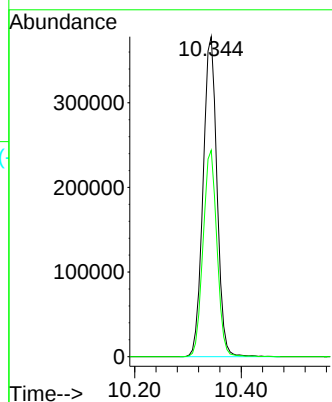
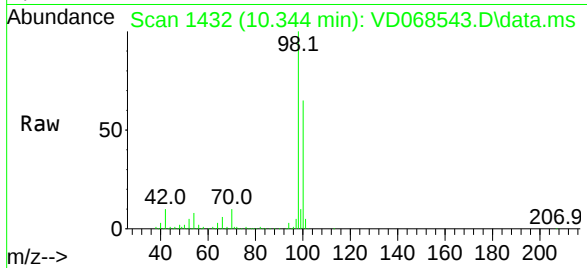




#50
Toluene-d8
Concen: 52.39 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068543.D
Acq: 05 Mar 2021 15:00

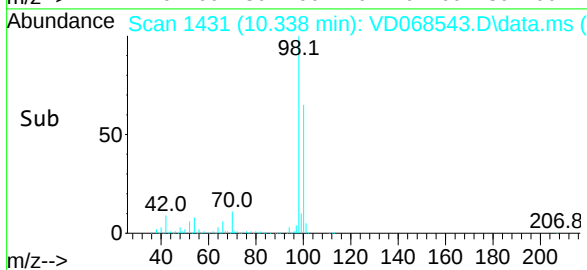
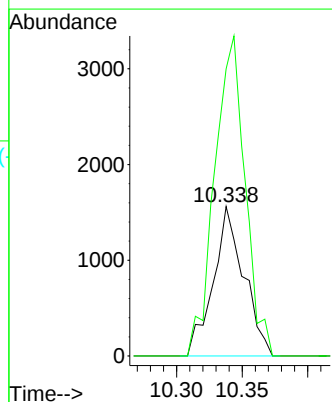
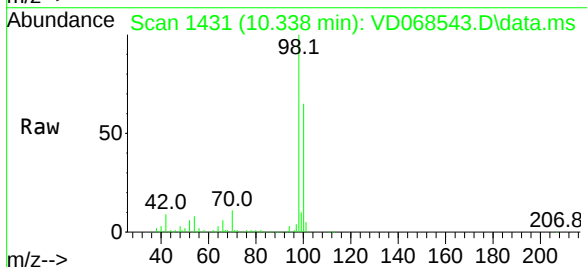
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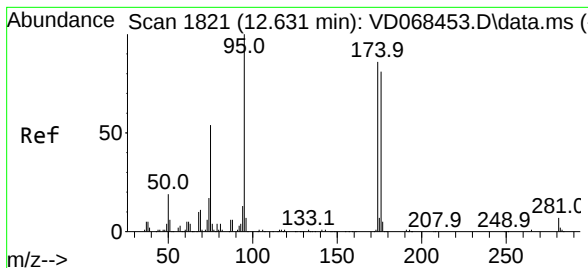
Tgt Ion: 98 Resp: 683395
Ion Ratio Lower Upper
98 100
100 64.4 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 1.54 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.106 min
Lab File: VD068543.D
Acq: 05 Mar 2021 15:00

Tgt Ion: 43 Resp: 2533
Ion Ratio Lower Upper
43 100
58 213.7 36.1 54.1#

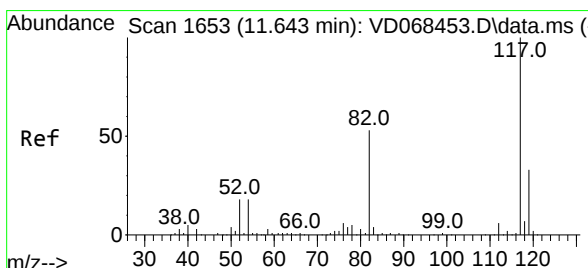
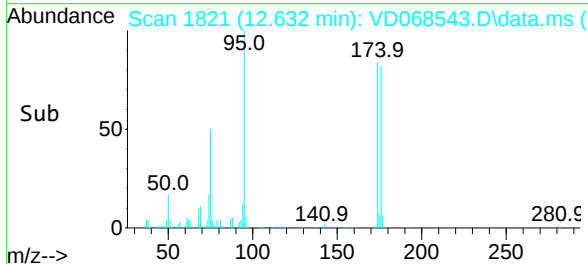
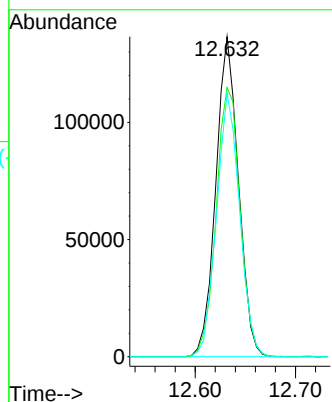
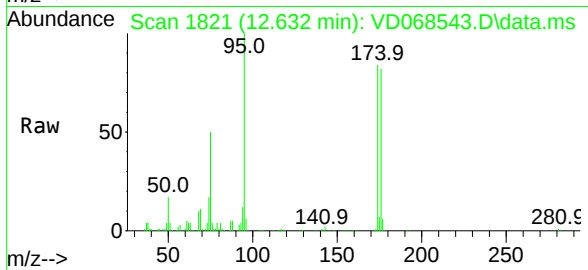




#62
4-Bromofluorobenzene
Concen: 50.82 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068543.D
Acq: 05 Mar 2021 15:00

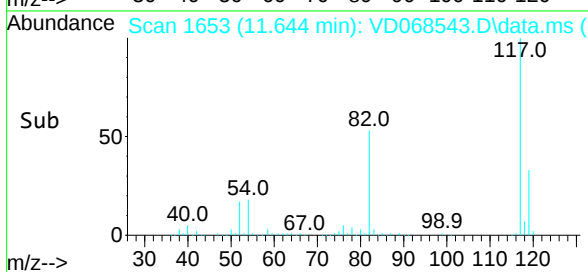
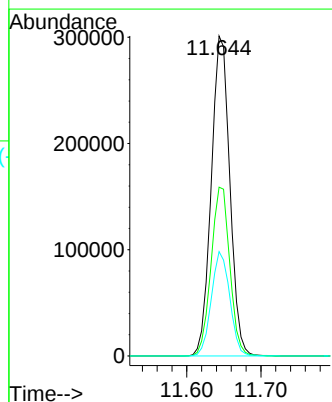
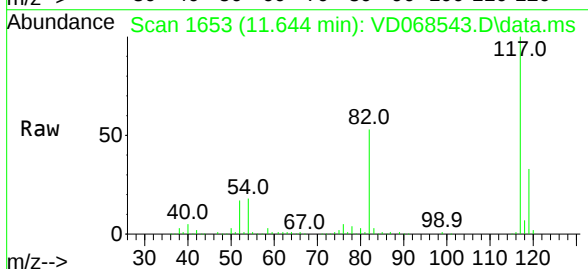
Instrument :
MSVOA_D
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FK-EF-01-018-ABCD

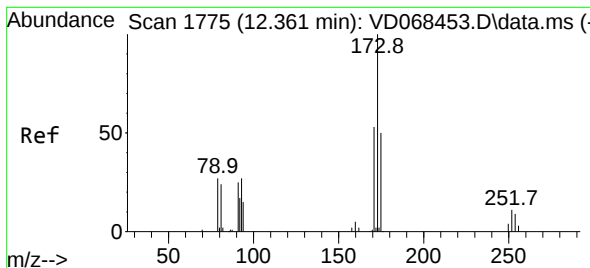
Tgt Ion: 95 Resp: 213668
Ion Ratio Lower Upper
95 100
174 89.0 0.0 172.4
176 84.3 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068543.D
Acq: 05 Mar 2021 15:00

Tgt Ion: 117 Resp: 523498
Ion Ratio Lower Upper
117 100
82 52.8 41.4 62.0
119 32.6 26.1 39.1

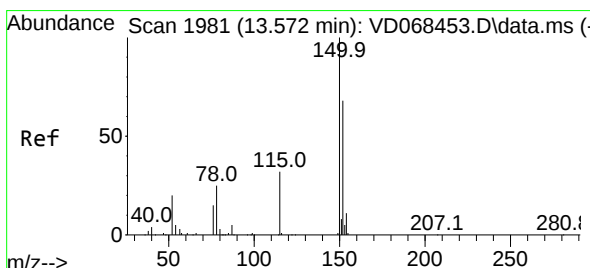
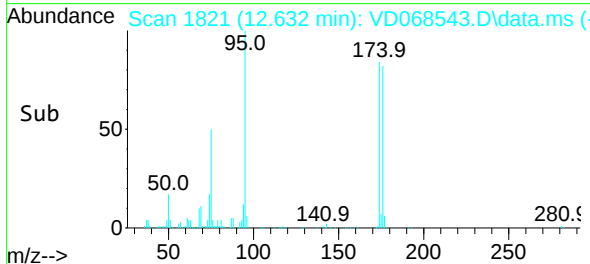
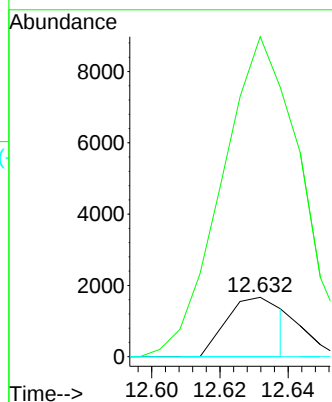
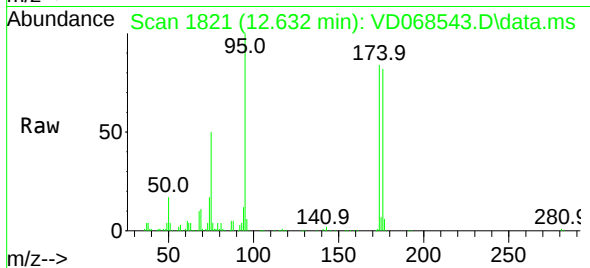




#71
Bromoform
Concen: 1.00 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.271 min
Lab File: VD068543.D
Acq: 05 Mar 2021 15:00

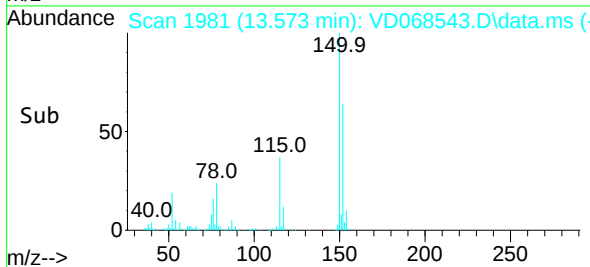
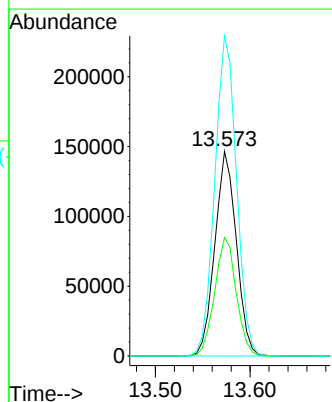
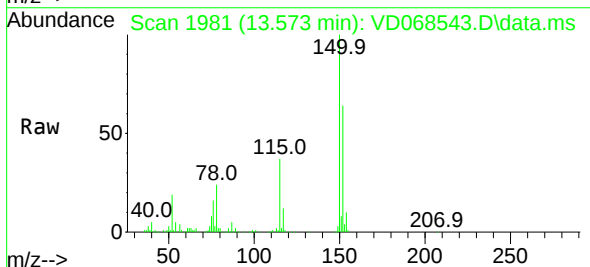
Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-018-ABCD

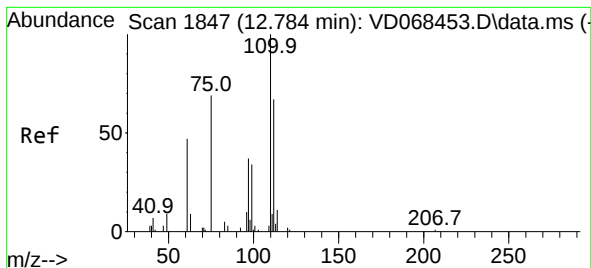
Tgt Ion:173 Resp: 1884
Ion Ratio Lower Upper
173 100
175 597.3 24.6 73.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068543.D
Acq: 05 Mar 2021 15:00

Tgt Ion:152 Resp: 231343
Ion Ratio Lower Upper
152 100
115 58.0 28.9 86.8
150 158.4 0.0 344.4

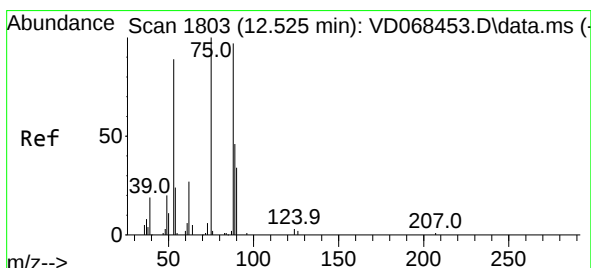
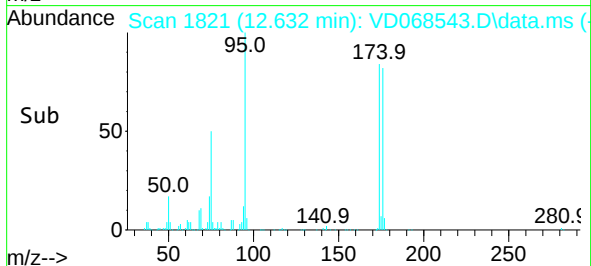
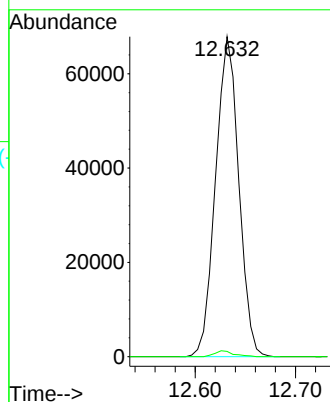
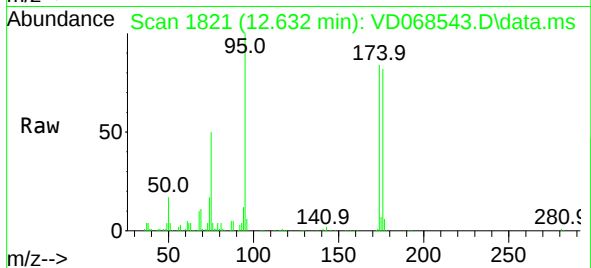




#76
1,2,3-Trichloropropane
Concen: 53.06 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068543.D
Acq: 05 Mar 2021 15:00

Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-018-ABCD

Tgt Ion: 75 Resp: 108970
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.82 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068543.D
Acq: 05 Mar 2021 15:00

Tgt Ion: 75 Resp: 108970
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

