

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031121\
 Data File : VD068590.D
 Acq On : 11 Mar 2021 17:34
 Operator : VA/SY
 Sample : M1615-02
 Misc : 5.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 12 00:13:52 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)

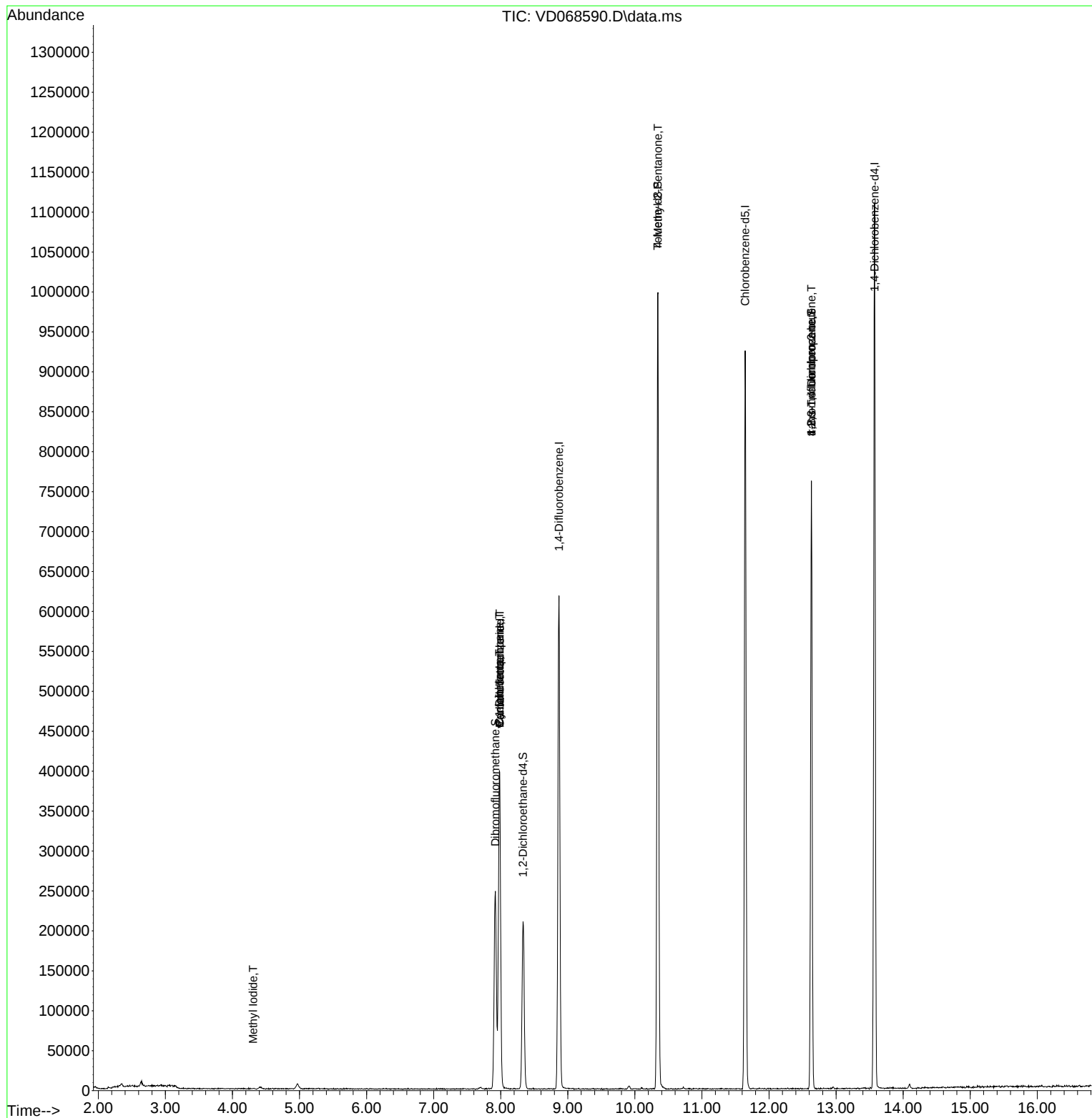
Internal Standards						
1) Pentafluorobenzene	7.985	168	309898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	565331	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	558612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	302587	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	173968	56.19	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.38%			
35) Dibromofluoromethane	7.920	113	177313	52.07	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.14%			
50) Toluene-d8	10.338	98	712585	52.53	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.06%			
62) 4-Bromofluorobenzene	12.632	95	246220	56.32	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.64%			
Target Compounds						
10) Methyl Iodide	4.309	142	158	2.66	ug/l #	38
20) Methylene Chloride	4.968	84	4624	Below Cal		87
31) Cyclohexane	7.979	56	6773	1.20	ug/l #	3
36) 1,1-Dichloropropene	7.979	75	23238	4.32	ug/l #	41
38) Carbon Tetrachloride	7.985	117	29109	5.76	ug/l #	16
51) 4-Methyl-2-Pentanone	10.344	43	2771	1.62	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	127863	47.60	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	127863	111.08	ug/l #	13

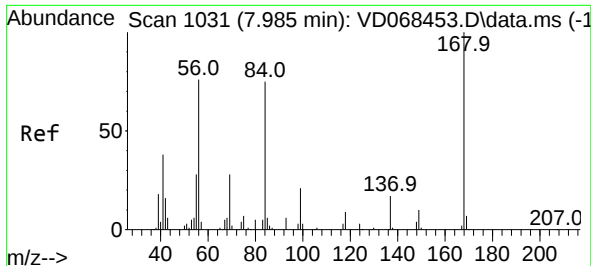
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

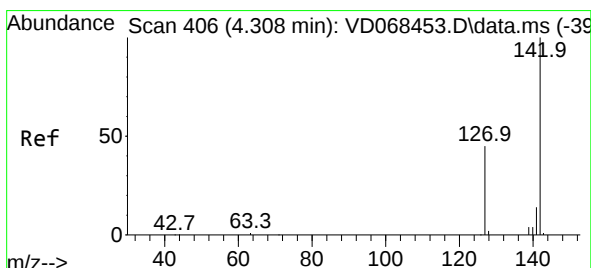
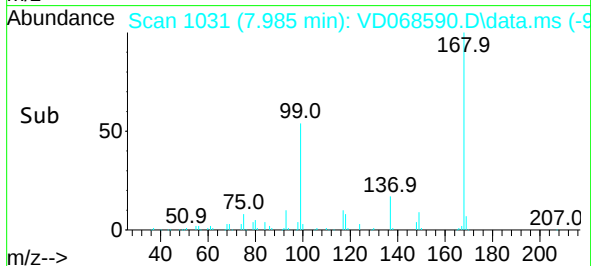
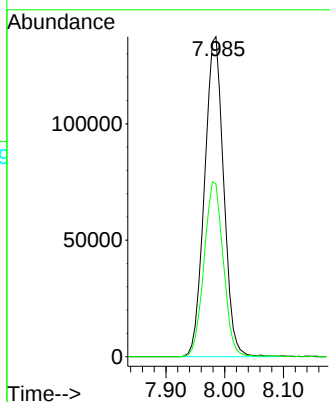
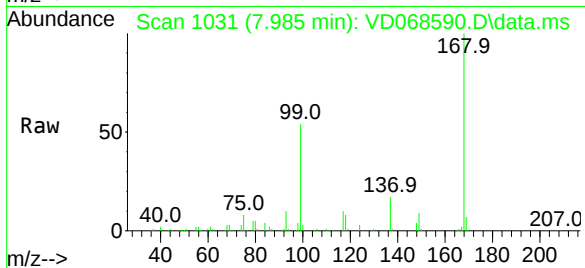




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068590.D
Acq: 11 Mar 2021 17:34

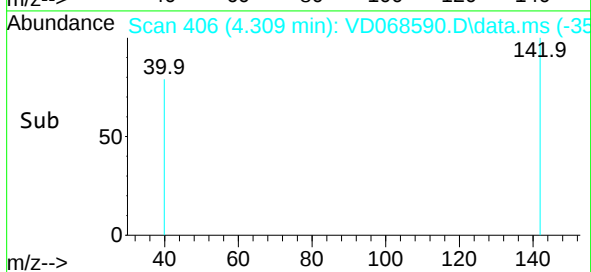
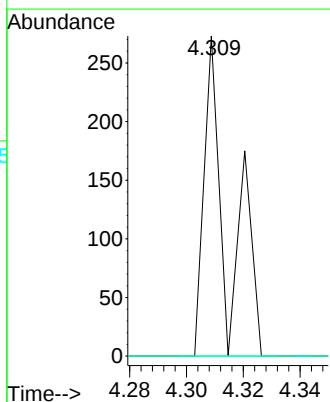
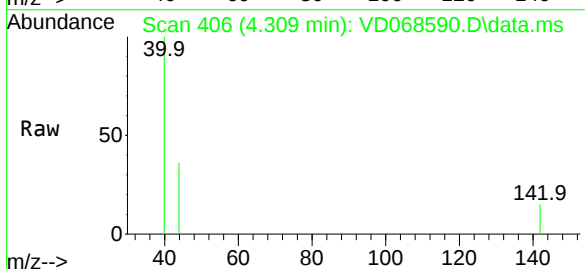
Instrument :
MSVOA_D
ClientSampled :

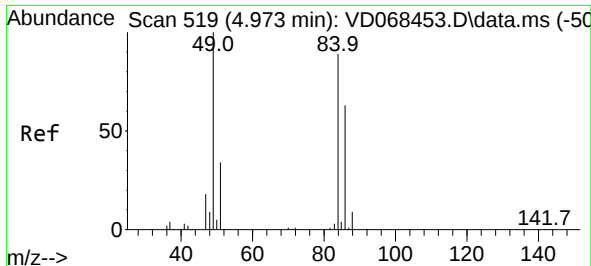
Tgt Ion:168 Resp: 309898
Ion Ratio Lower Upper
168 100
99 54.0 43.5 65.3



#10
Methyl Iodide
Concen: 2.66 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068590.D
Acq: 11 Mar 2021 17:34

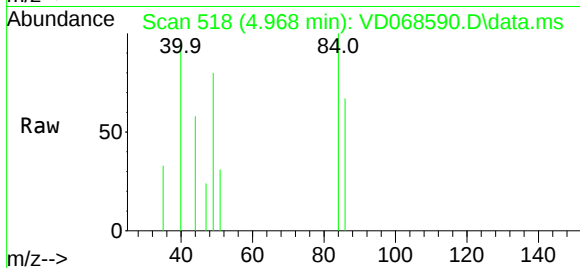
Tgt Ion:142 Resp: 158
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#



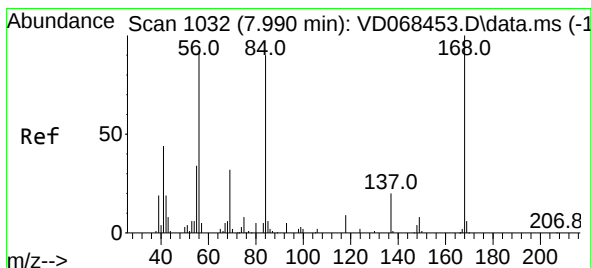
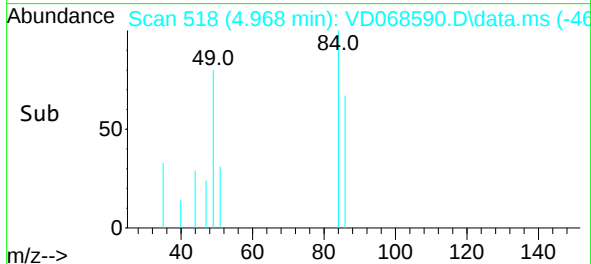
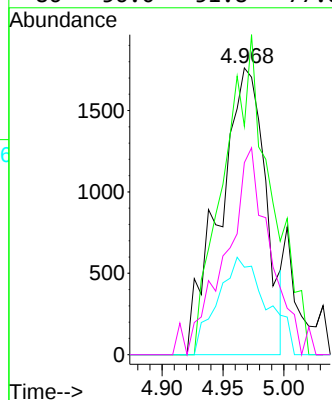


#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068590.D
Acq: 11 Mar 2021 17:34

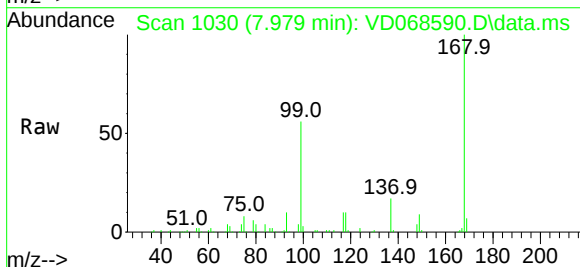
Instrument :
MSVOA_D
ClientSampleId :



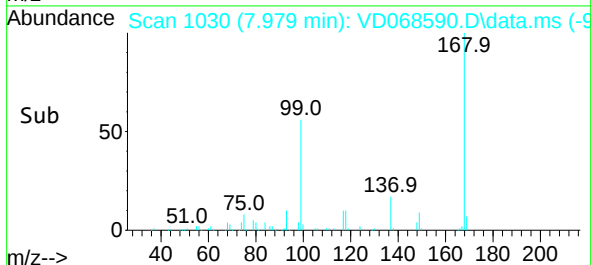
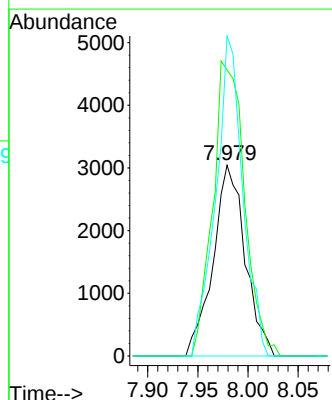
Tgt Ion:	84	Resp:	4624
Ion	Ratio	Lower	Upper
84	100		
49	79.7	77.4	116.2
51	30.5	26.1	39.1
86	56.0	51.8	77.8

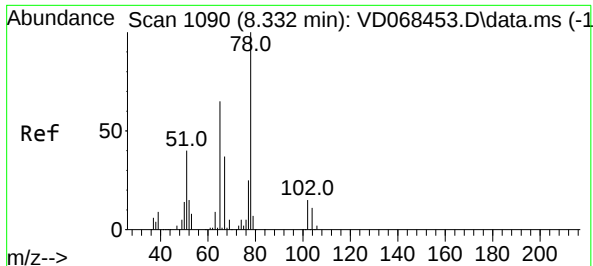


#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068590.D
Acq: 11 Mar 2021 17:34



Tgt Ion:	56	Resp:	6773
Ion	Ratio	Lower	Upper
56	100		
69	149.9	30.1	45.1#
84	167.7	82.1	123.1#

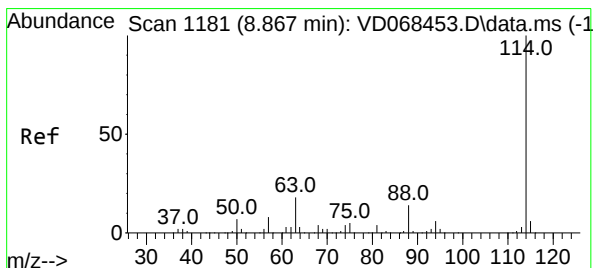
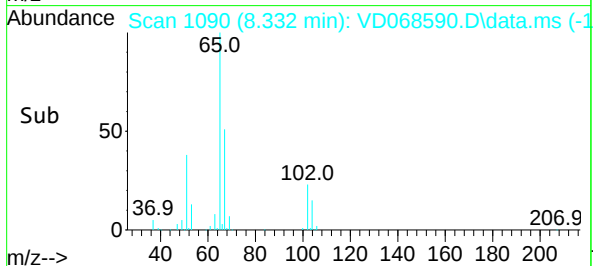
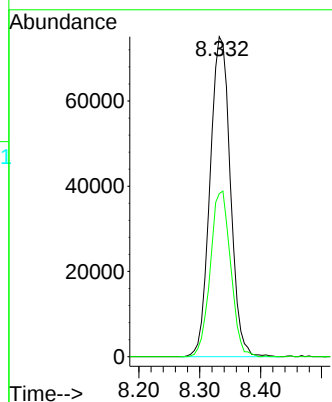
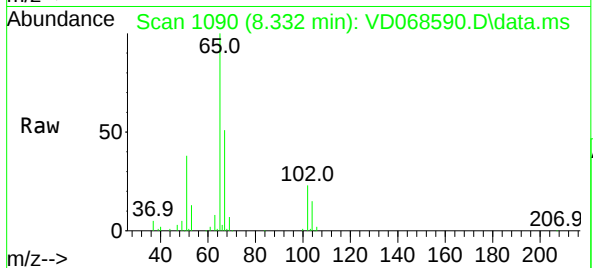




#33
1,2-Dichloroethane-d4
Concen: 56.19 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068590.D
Acq: 11 Mar 2021 17:34

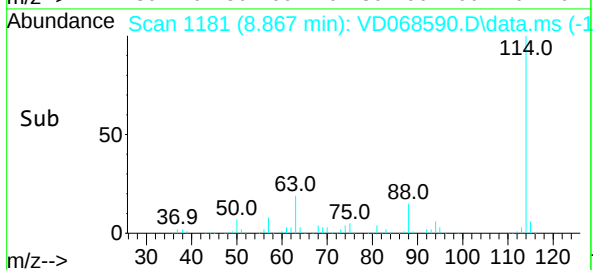
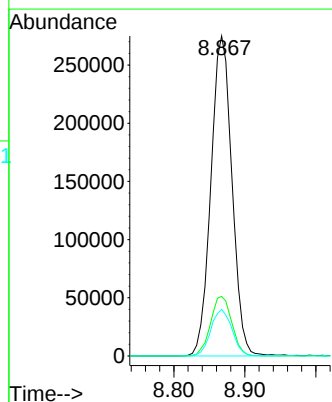
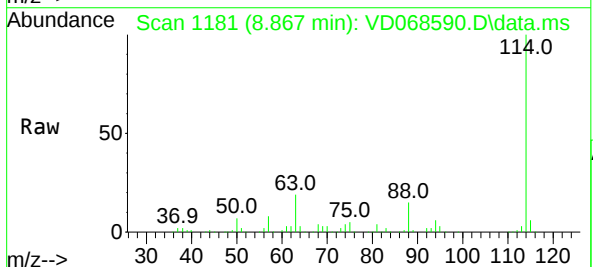
Instrument :
MSVOA_D
ClientSampleId :

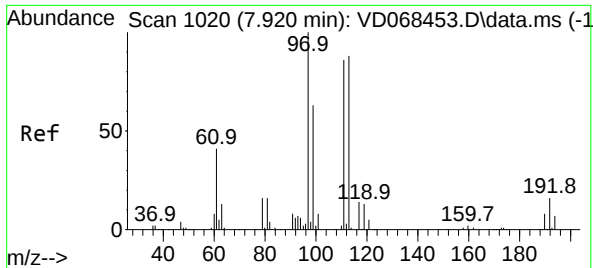
Tgt Ion: 65 Resp: 173968
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.0



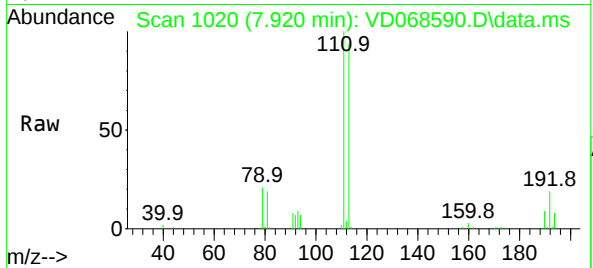
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068590.D
Acq: 11 Mar 2021 17:34

Tgt Ion: 114 Resp: 565331
Ion Ratio Lower Upper
114 100
63 18.6 0.0 34.8
88 14.6 0.0 31.6

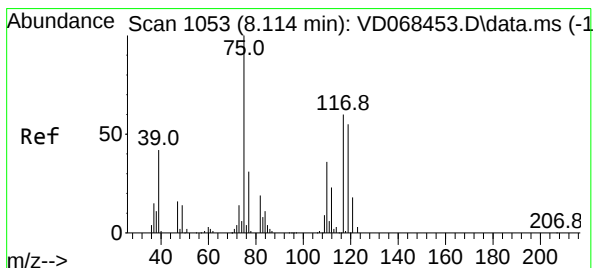
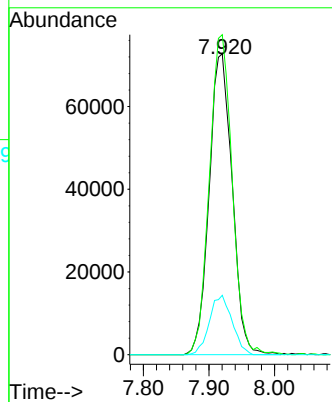
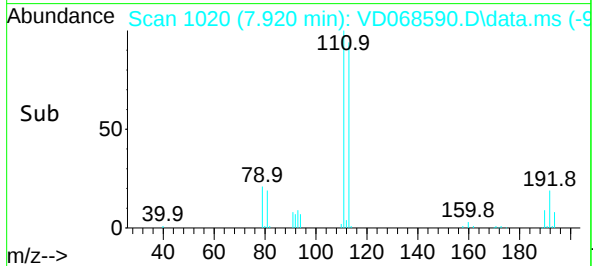




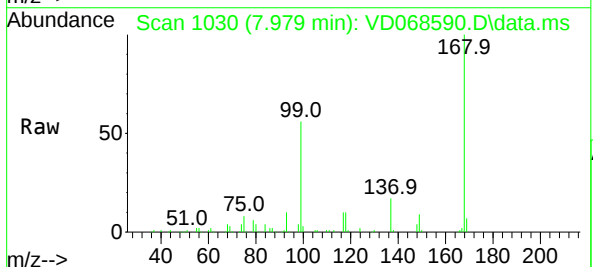
#35
Dibromofluoromethane
Concen: 52.07 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068590.D
Acq: 11 Mar 2021 17:34



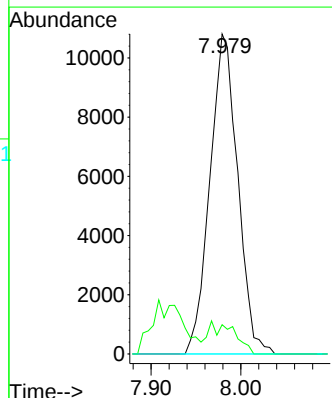
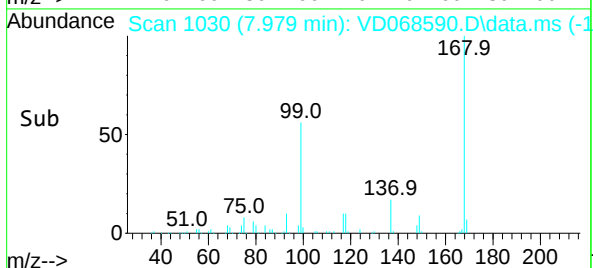
Tgt Ion:113 Resp: 177313
Ion Ratio Lower Upper
113 100
111 105.4 81.4 122.0
192 19.5 16.1 24.1

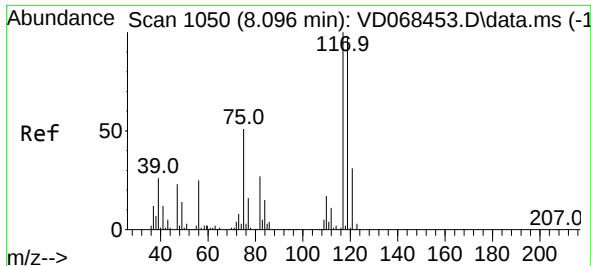


#36
1,1-Dichloropropene
Concen: 4.32 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068590.D
Acq: 11 Mar 2021 17:34



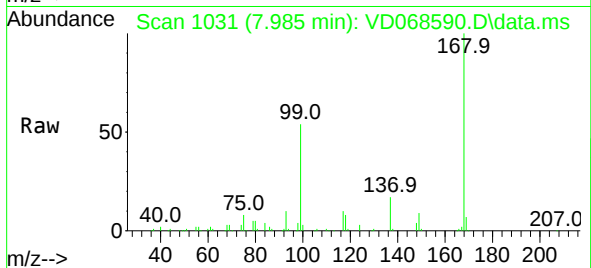
Tgt Ion: 75 Resp: 23238
Ion Ratio Lower Upper
75 100
110 1.7 19.4 58.2#
77 0.0 25.3 37.9#



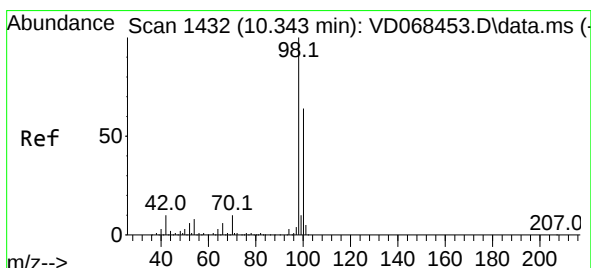
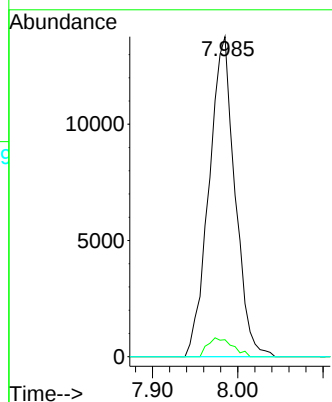
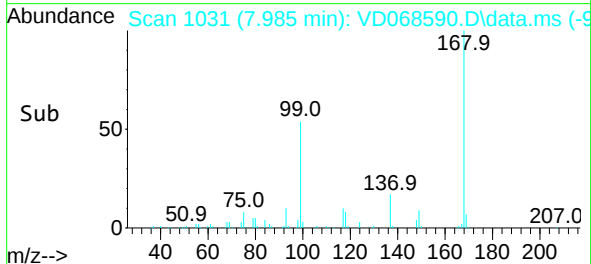


#38
Carbon Tetrachloride
Concen: 5.76 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.111 min
Lab File: VD068590.D
Acq: 11 Mar 2021 17:34

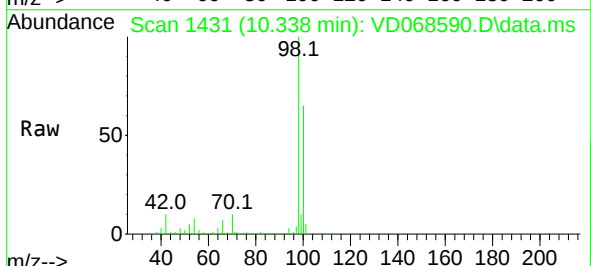
Instrument :
MSVOA_D
ClientSampleId :



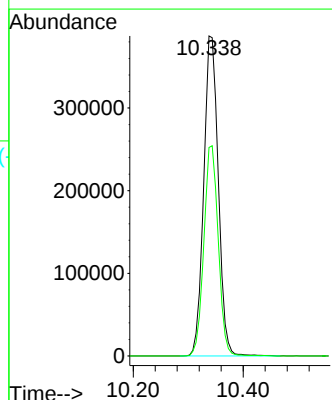
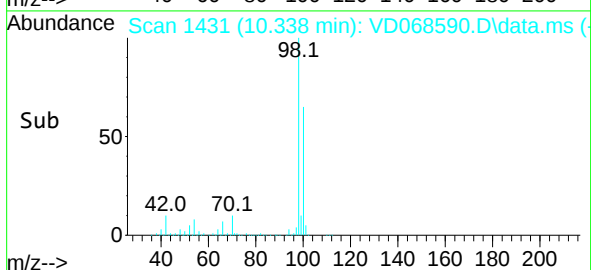
Tgt Ion:117 Resp: 29109
Ion Ratio Lower Upper
117 100
119 5.3 77.3 115.9#
121 0.0 24.7 37.1#

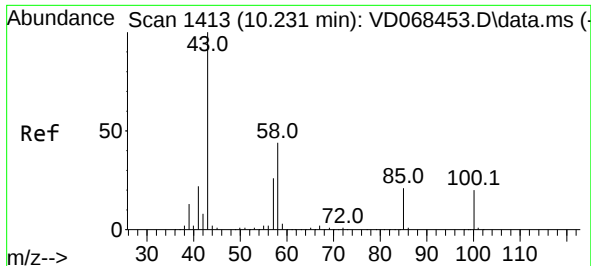


#50
Toluene-d8
Concen: 52.53 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD068590.D
Acq: 11 Mar 2021 17:34



Tgt Ion: 98 Resp: 712585
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.4

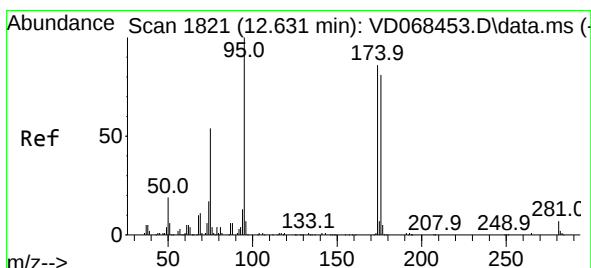
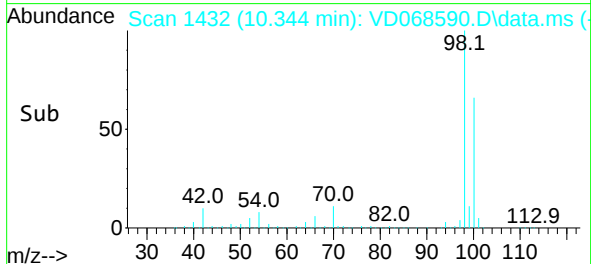
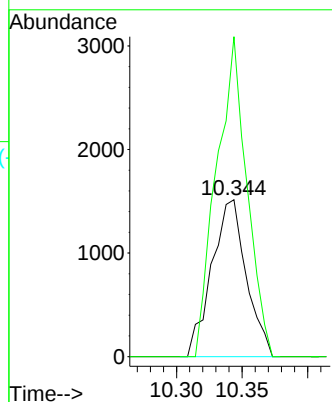
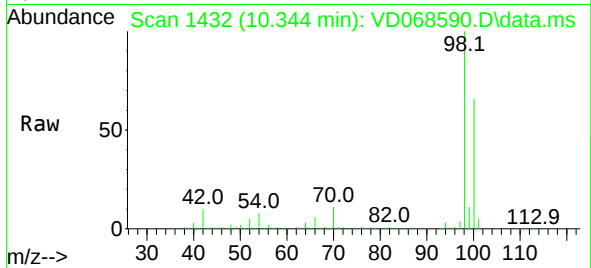




#51
4-Methyl-2-Pentanone
Concen: 1.62 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.112 min
Lab File: VD068590.D
Acq: 11 Mar 2021 17:34

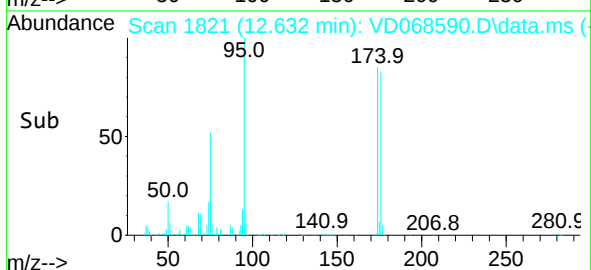
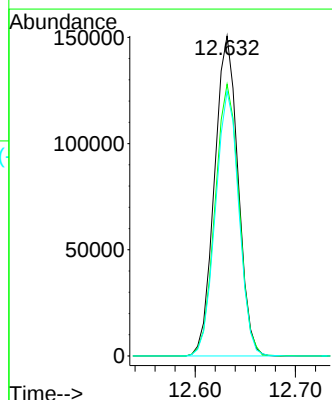
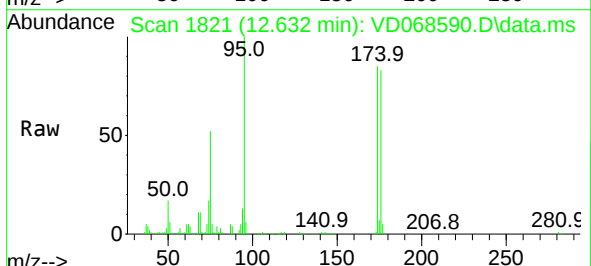
Instrument :
MSVOA_D
ClientSampled :

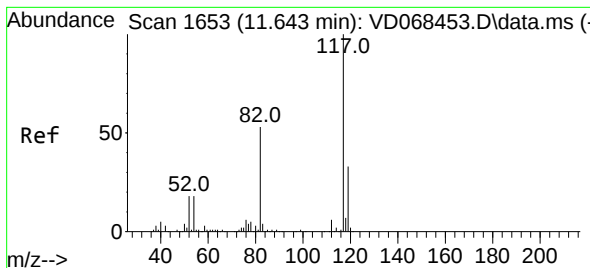
Tgt Ion: 43 Resp: 2771
Ion Ratio Lower Upper
43 100
58 179.5 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 56.32 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068590.D
Acq: 11 Mar 2021 17:34

Tgt Ion: 95 Resp: 246220
Ion Ratio Lower Upper
95 100
174 86.0 0.0 172.4
176 82.1 0.0 168.4

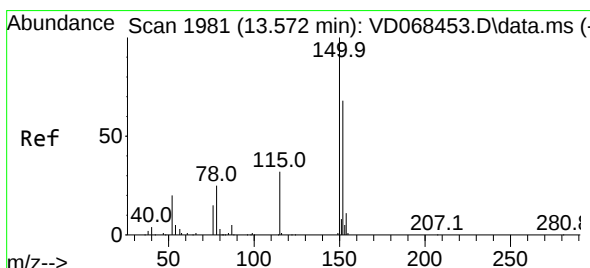
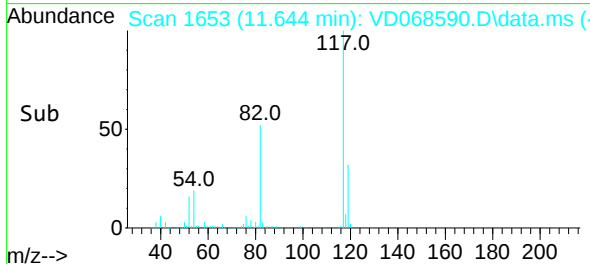
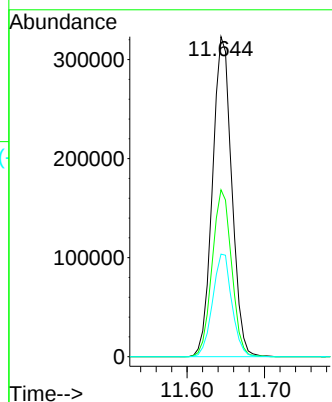
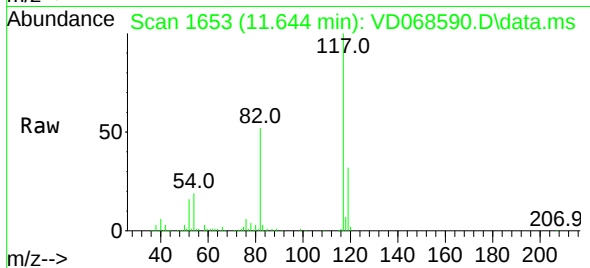




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068590.D
Acq: 11 Mar 2021 17:34

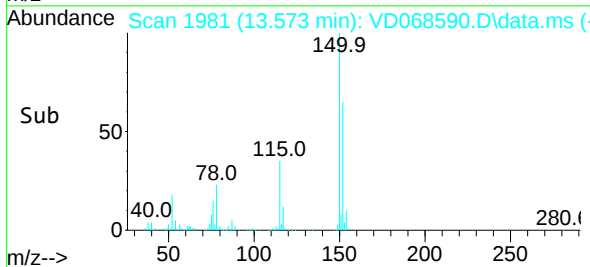
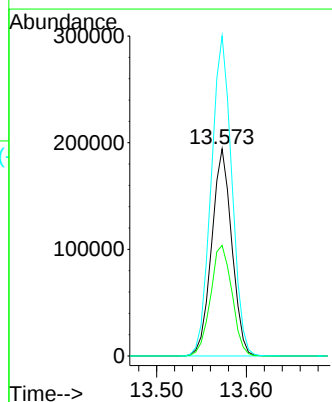
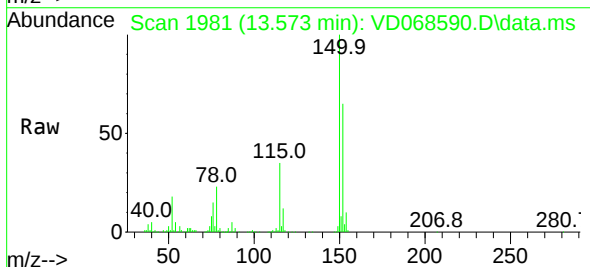
Instrument :
MSVOA_D
ClientSampled :

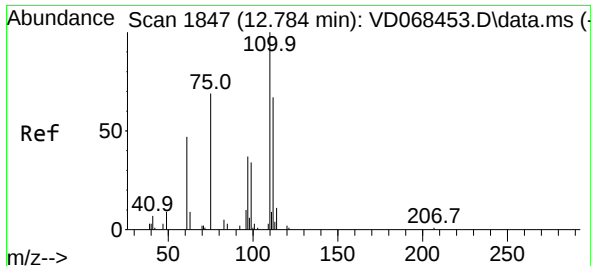
Tgt Ion:117 Resp: 558612
Ion Ratio Lower Upper
117 100
82 52.1 41.4 62.0
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068590.D
Acq: 11 Mar 2021 17:34

Tgt Ion:152 Resp: 302587
Ion Ratio Lower Upper
152 100
115 56.8 28.9 86.8
150 158.1 0.0 344.4

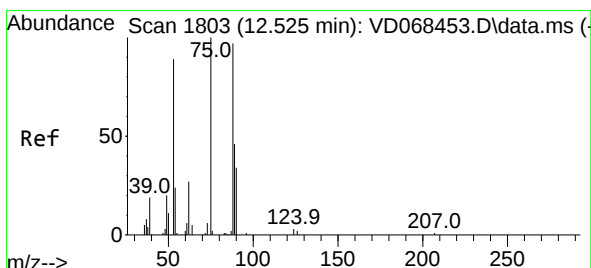
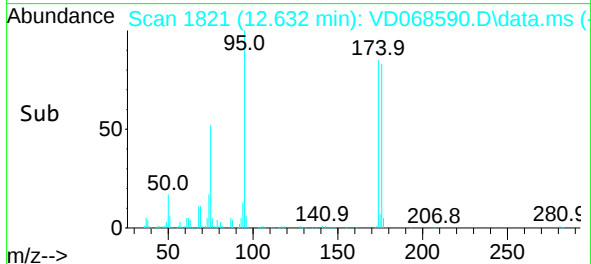
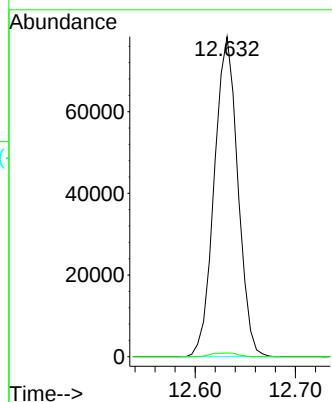
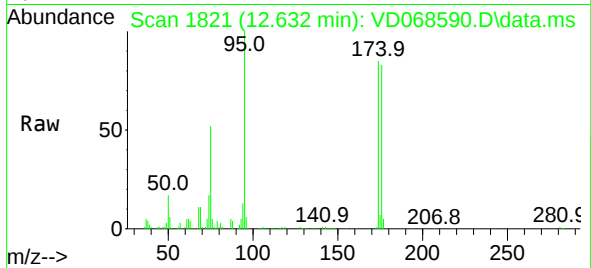




#76
1,2,3-Trichloropropane
Concen: 47.60 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068590.D
Acq: 11 Mar 2021 17:34

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 127863
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.08 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068590.D
Acq: 11 Mar 2021 17:34

Tgt Ion: 75 Resp: 127863
Ion Ratio Lower Upper
75 100
53 0.1 70.2 105.2#
89 0.0 40.3 60.5#

