

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031721\
 Data File : VD068645.D
 Acq On : 17 Mar 2021 18:42
 Operator : VA/SY
 Sample : M1701-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 18 00:58:06 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)

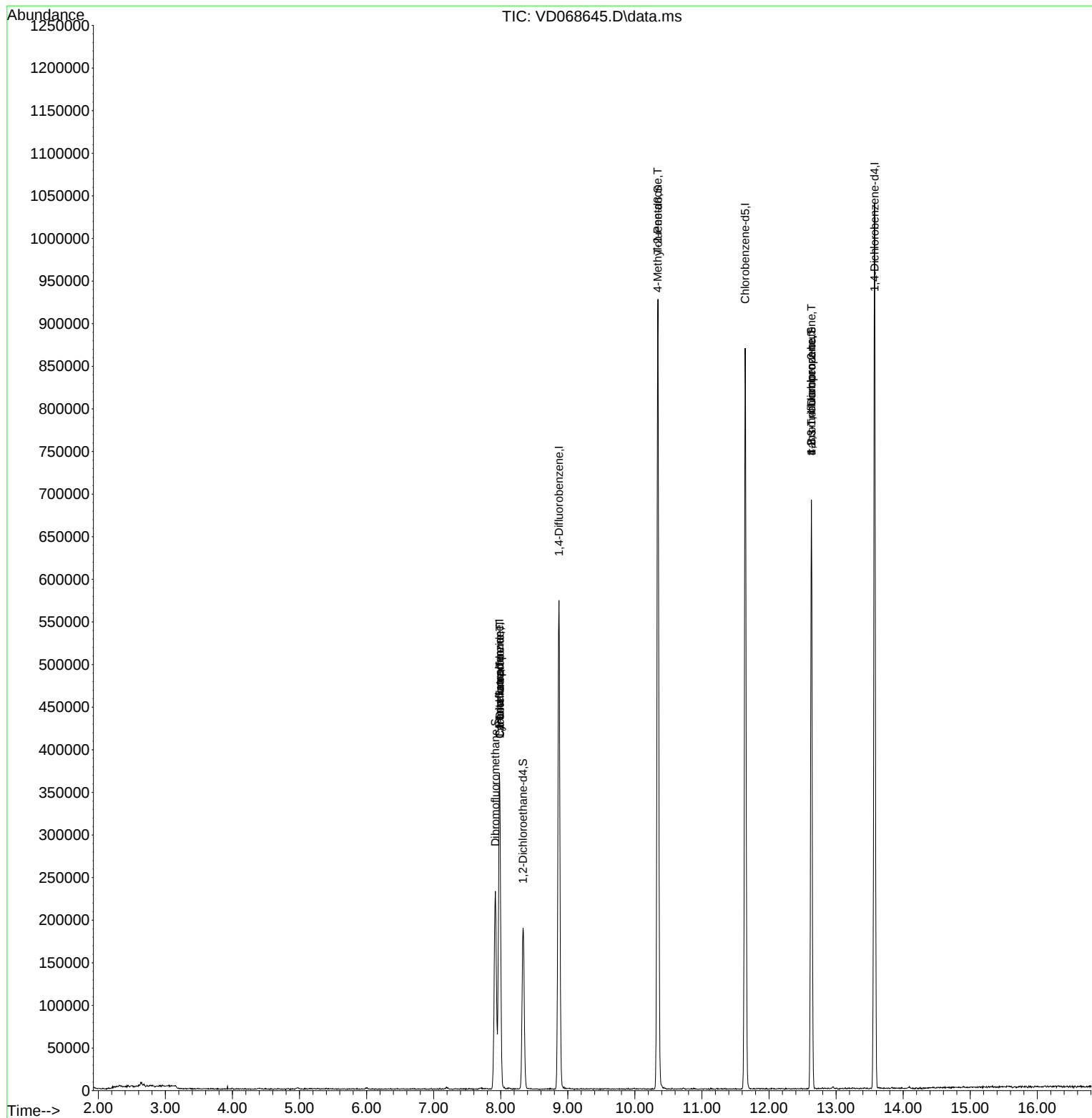
Internal Standards						
1) Pentafluorobenzene	7.979	168	280639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	518262	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	515440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	275994	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	154897	55.24	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.48%			
35) Dibromofluoromethane	7.920	113	167110	53.53	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.06%			
50) Toluene-d8	10.344	98	659889	53.07	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.14%			
62) 4-Bromofluorobenzene	12.632	95	226811	56.59	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.18%			
Target Compounds						
20) Methylene Chloride	4.979	84	1347	Below Cal		92
31) Cyclohexane	7.985	56	6712	1.32 ug/l #		28
36) 1,1-Dichloropropene	7.985	75	22352	4.54 ug/l #		47
38) Carbon Tetrachloride	7.985	117	27323	5.90 ug/l #		15
51) 4-Methyl-2-Pentanone	10.338	43	2406	1.53 ug/l #		1
76) 1,2,3-Trichloropropane	12.632	75	113847	46.47 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.632	75	113847	108.43 ug/l #		13

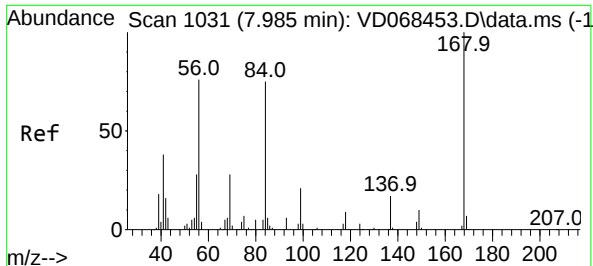
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

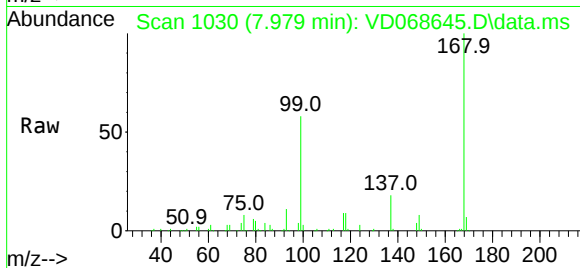
Quant Time: Mar 18 00:58:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
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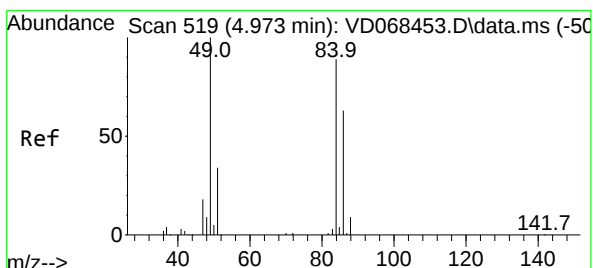
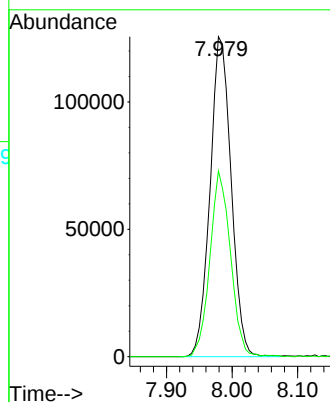
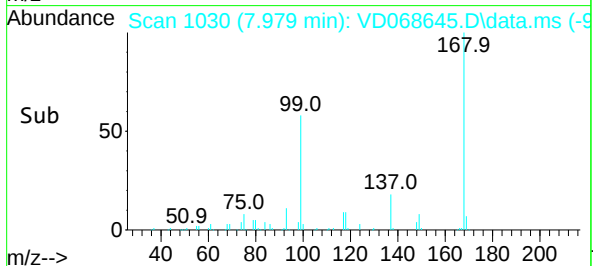


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068645.D
Acq: 17 Mar 2021 18:42

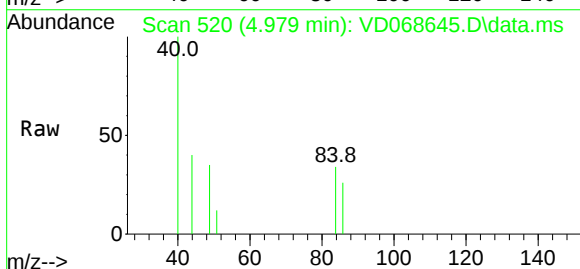
Instrument :
MSVOA_D
ClientSampleId :



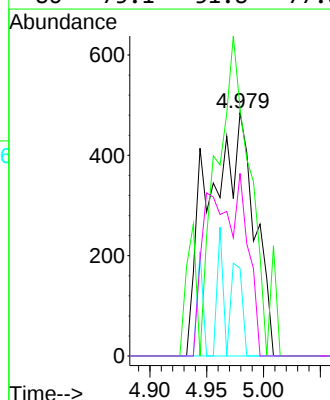
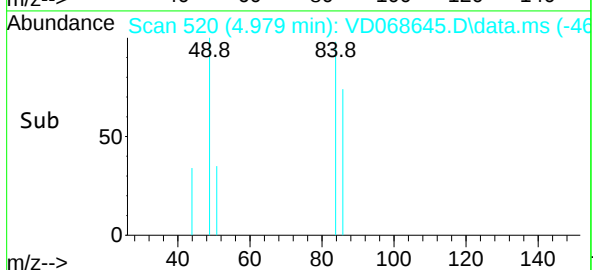
Tgt Ion:168 Resp: 280639
Ion Ratio Lower Upper
168 100
99 58.0 43.5 65.3

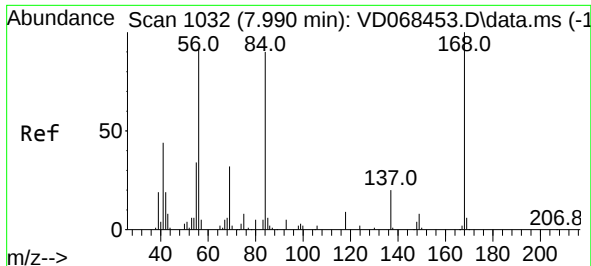


#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.006 min
Lab File: VD068645.D
Acq: 17 Mar 2021 18:42



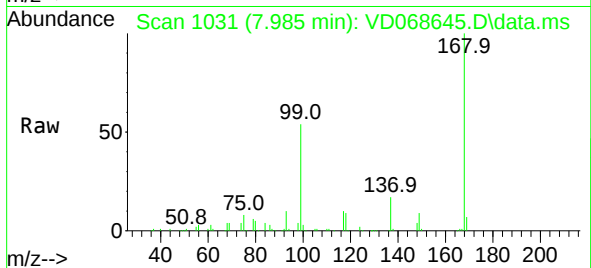
Tgt Ion: 84 Resp: 1347
Ion Ratio Lower Upper
84 100
49 101.9 77.4 116.2
51 36.1 26.1 39.1
86 75.1 51.8 77.8



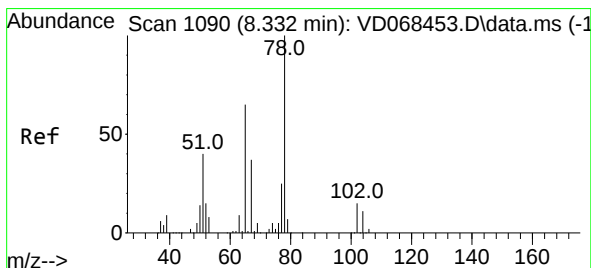
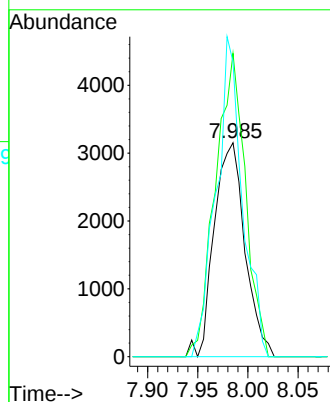
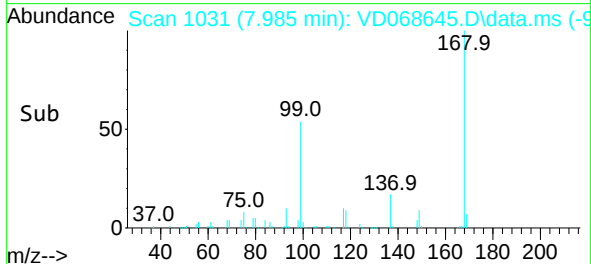


#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.005 min
Lab File: VD068645.D
Acq: 17 Mar 2021 18:42

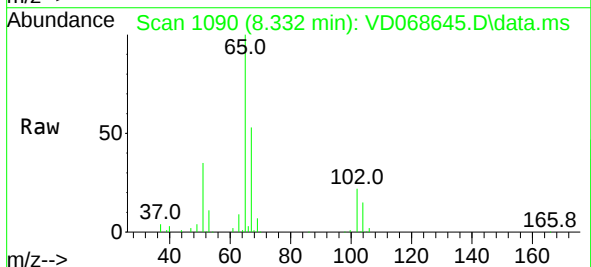
Instrument :
MSVOA_D
ClientSampleId :



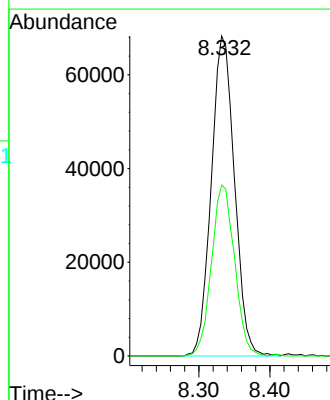
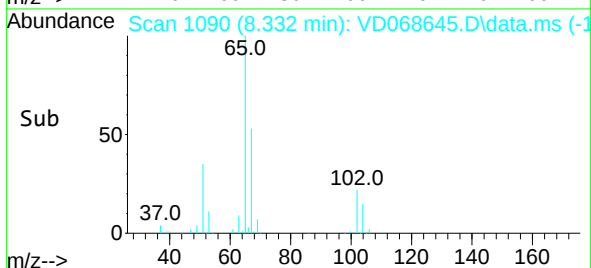
Tgt Ion: 56 Resp: 6712
Ion Ratio Lower Upper
56 100
69 141.8 30.1 45.1#
84 137.8 82.1 123.1#

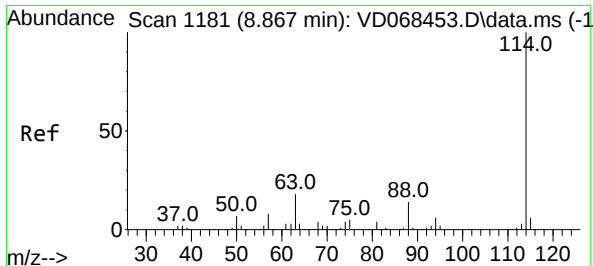


#33
1,2-Dichloroethane-d4
Concen: 55.24 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.001 min
Lab File: VD068645.D
Acq: 17 Mar 2021 18:42



Tgt Ion: 65 Resp: 154897
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.0

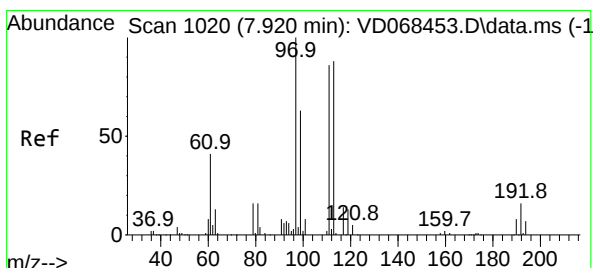
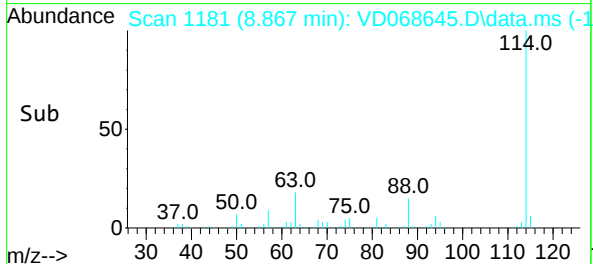
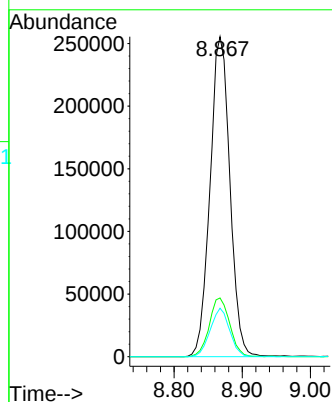
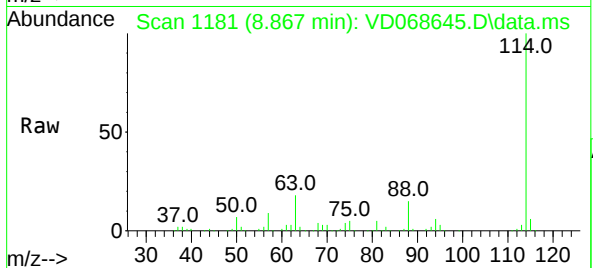




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.001 min
Lab File: VD068645.D
Acq: 17 Mar 2021 18:42

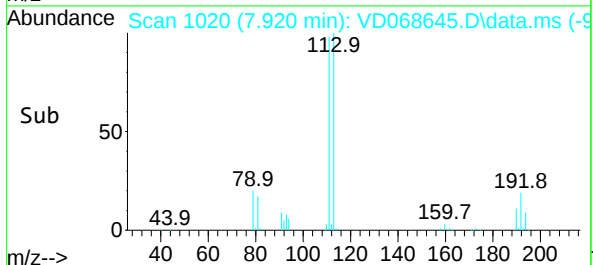
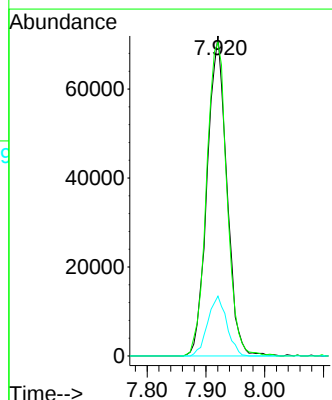
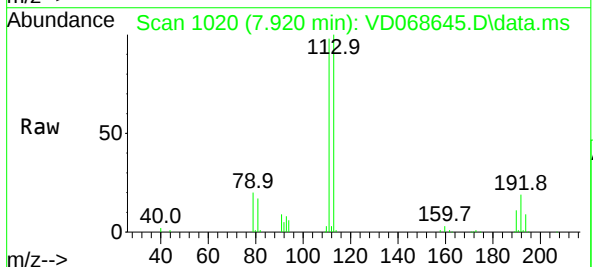
Instrument :
MSVOA_D
ClientSampleId :

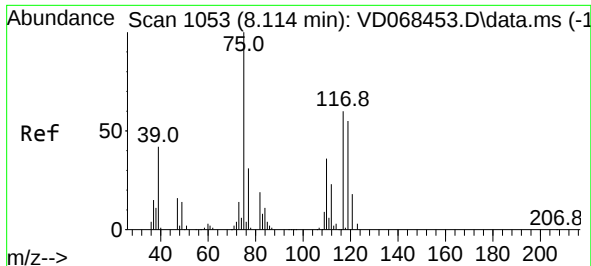
Tgt Ion:114 Resp: 518262
Ion Ratio Lower Upper
114 100
63 18.4 0.0 34.8
88 15.1 0.0 31.6



#35
Dibromofluoromethane
Concen: 53.53 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.001 min
Lab File: VD068645.D
Acq: 17 Mar 2021 18:42

Tgt Ion:113 Resp: 167110
Ion Ratio Lower Upper
113 100
111 101.7 81.4 122.0
192 18.1 16.1 24.1

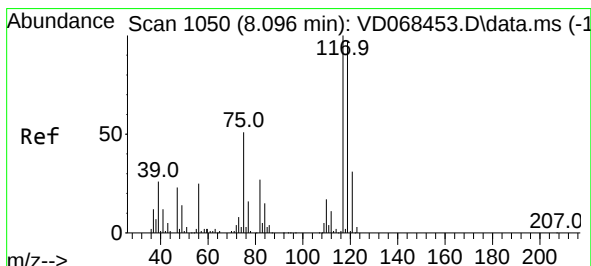
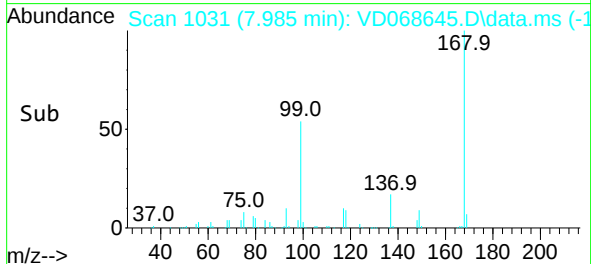
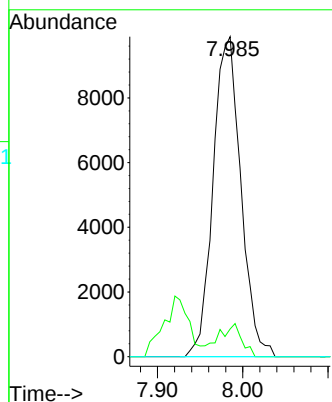
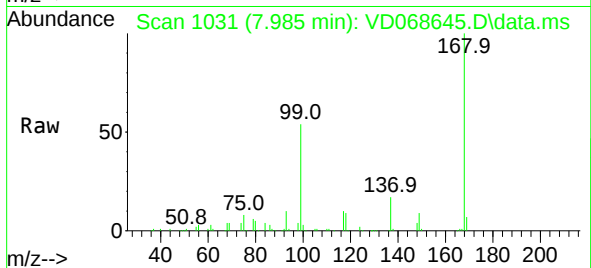




#36
1,1-Dichloropropene
Concen: 4.54 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068645.D
Acq: 17 Mar 2021 18:42

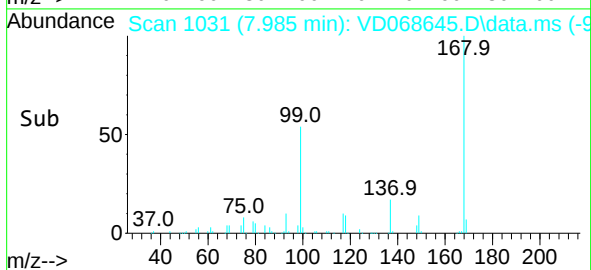
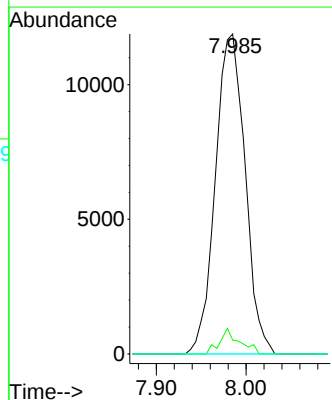
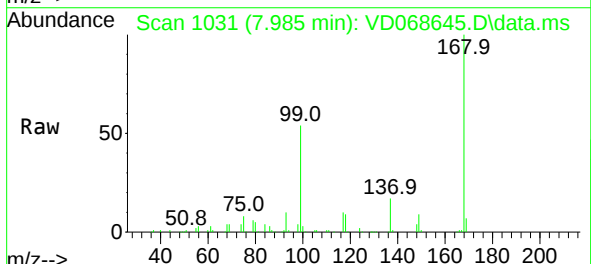
Instrument :
MSVOA_D
ClientSampleId :

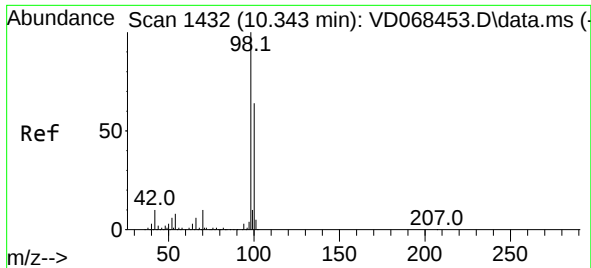
Tgt Ion: 75 Resp: 22352
Ion Ratio Lower Upper
75 100
110 8.5 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.90 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.111 min
Lab File: VD068645.D
Acq: 17 Mar 2021 18:42

Tgt Ion: 117 Resp: 27323
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.7 37.1#

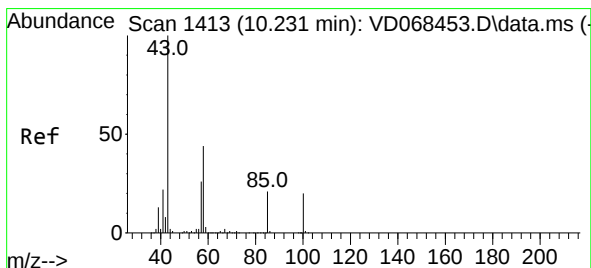
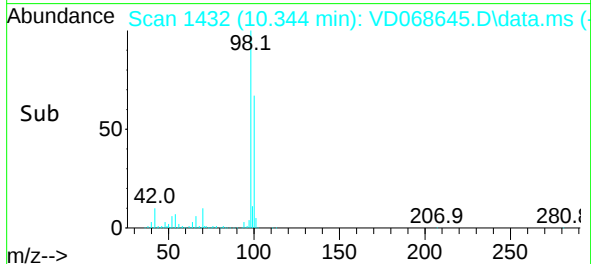
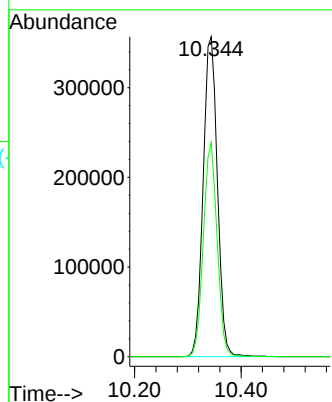
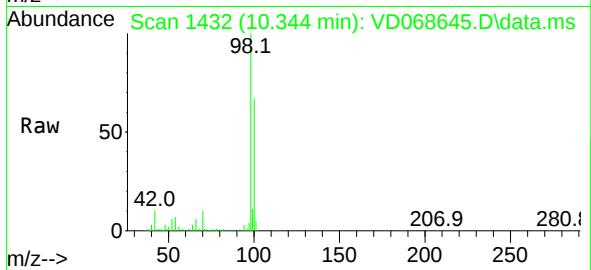




#50
Toluene-d8
Concen: 53.07 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.001 min
Lab File: VD068645.D
Acq: 17 Mar 2021 18:42

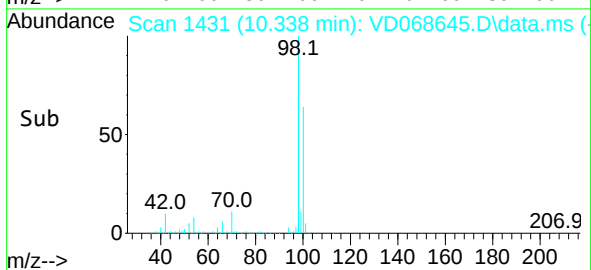
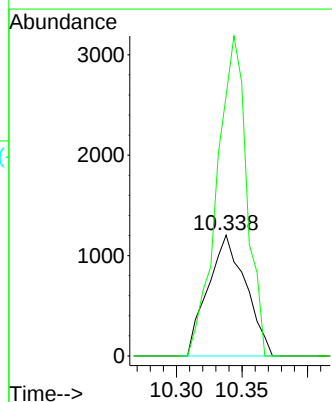
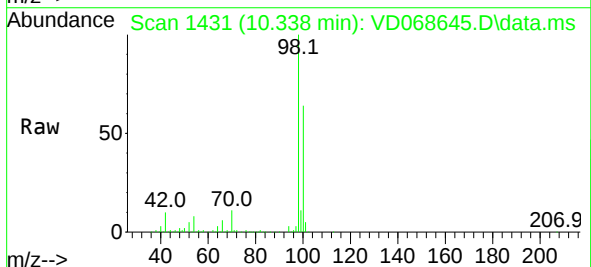
Instrument :
MSVOA_D
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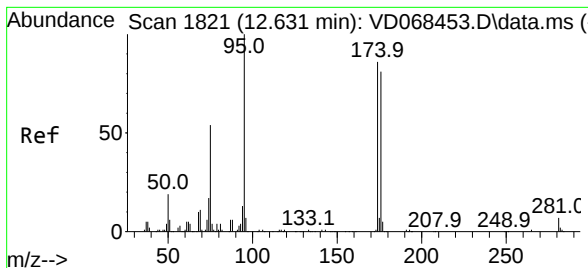
Tgt Ion: 98 Resp: 659889
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 1.53 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.106 min
Lab File: VD068645.D
Acq: 17 Mar 2021 18:42

Tgt Ion: 43 Resp: 2406
Ion Ratio Lower Upper
43 100
58 209.7 36.1 54.1#

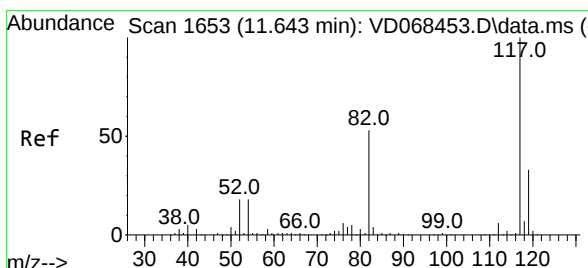
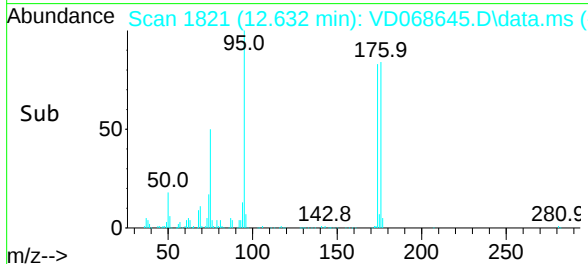
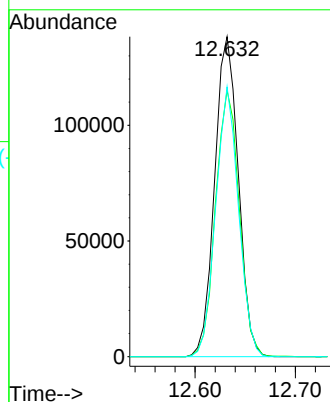
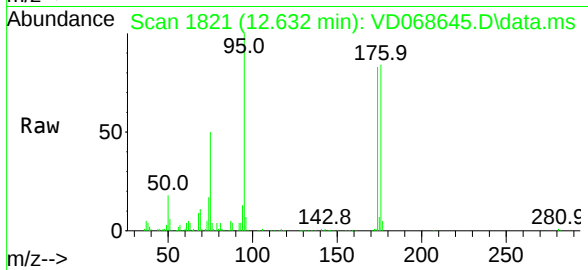




#62
4-Bromofluorobenzene
Concen: 56.59 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD068645.D
Acq: 17 Mar 2021 18:42

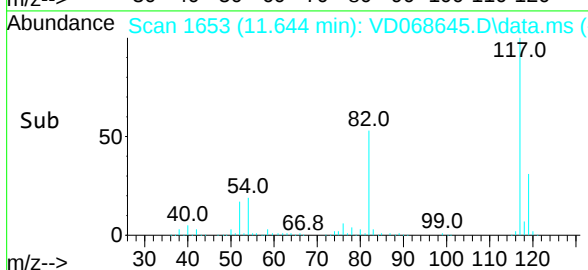
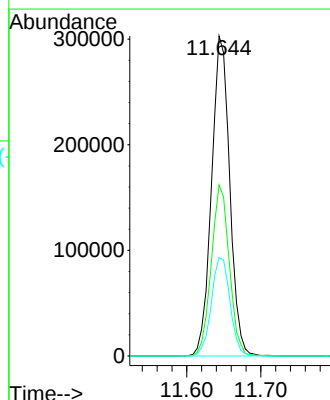
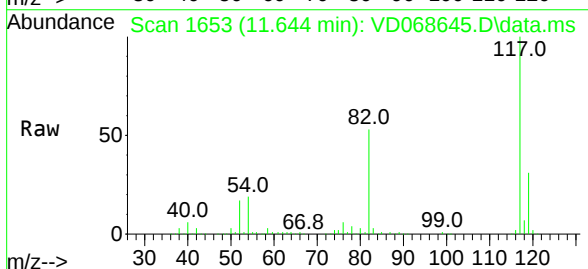
Instrument :
MSVOA_D
ClientSampleId :

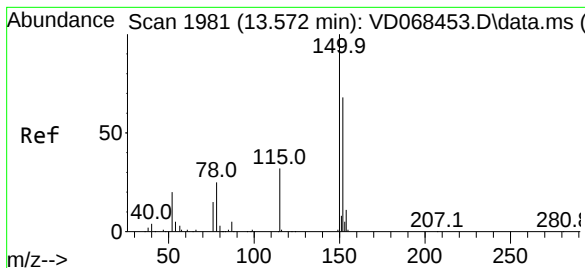
Tgt Ion: 95 Resp: 226811
Ion Ratio Lower Upper
95 100
174 83.6 0.0 172.4
176 81.1 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068645.D
Acq: 17 Mar 2021 18:42

Tgt Ion: 117 Resp: 515440
Ion Ratio Lower Upper
117 100
82 53.5 41.4 62.0
119 30.8 26.1 39.1

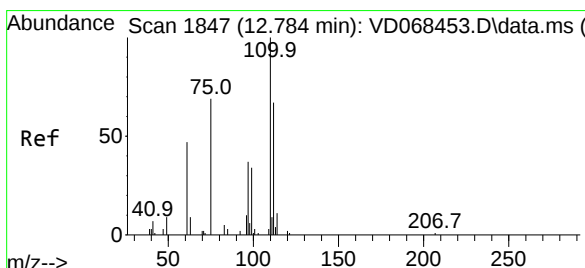
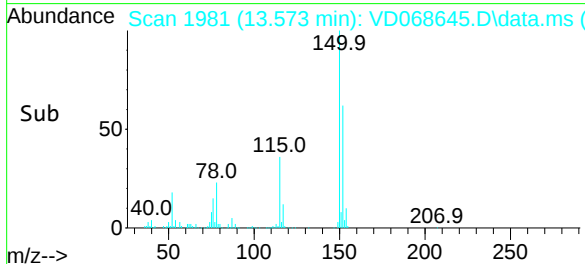
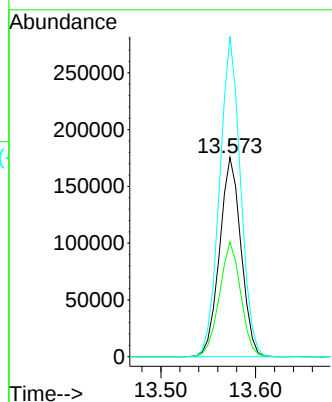
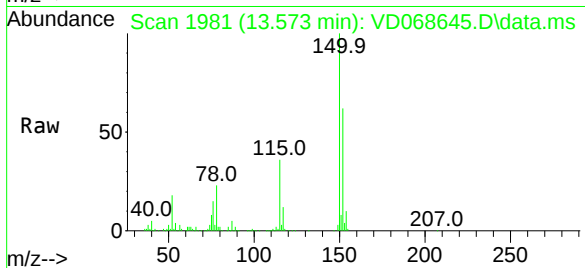




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.001 min
 Lab File: VD068645.D
 Acq: 17 Mar 2021 18:42

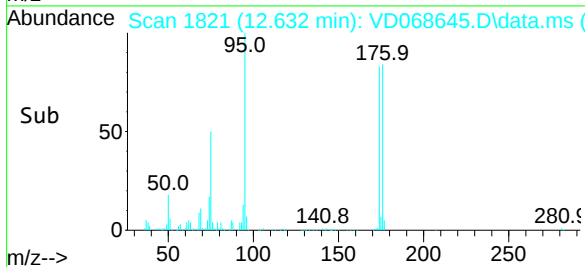
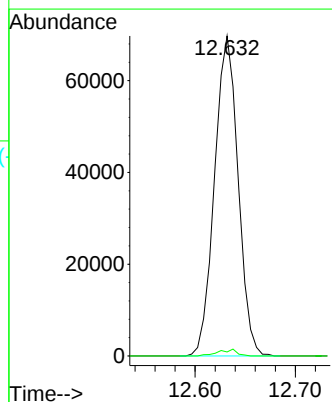
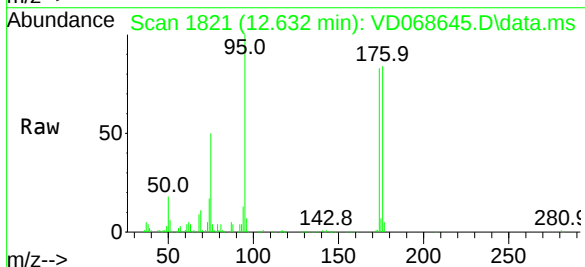
Instrument :
 MSVOA_D
 ClientSampleId :

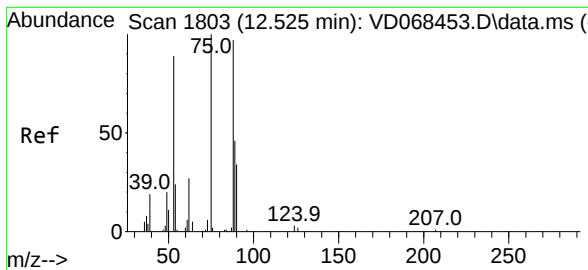
Tgt Ion:152 Resp: 275994
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.9 86.8
 150 157.0 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 46.47 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.152 min
 Lab File: VD068645.D
 Acq: 17 Mar 2021 18:42

Tgt Ion: 75 Resp: 113847
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.43 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068645.D
 Acq: 17 Mar 2021 18:42

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75 Resp: 113847
 Ion Ratio Lower Upper
 75 100
 53 0.1 70.2 105.2#
 89 0.0 40.3 60.5#

