

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020321\
 Data File : VD068263.D
 Acq On : 03 Feb 2021 15:28
 Operator : VA/SY
 Sample : M1292-07
 Misc : 8.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 03 23:42:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

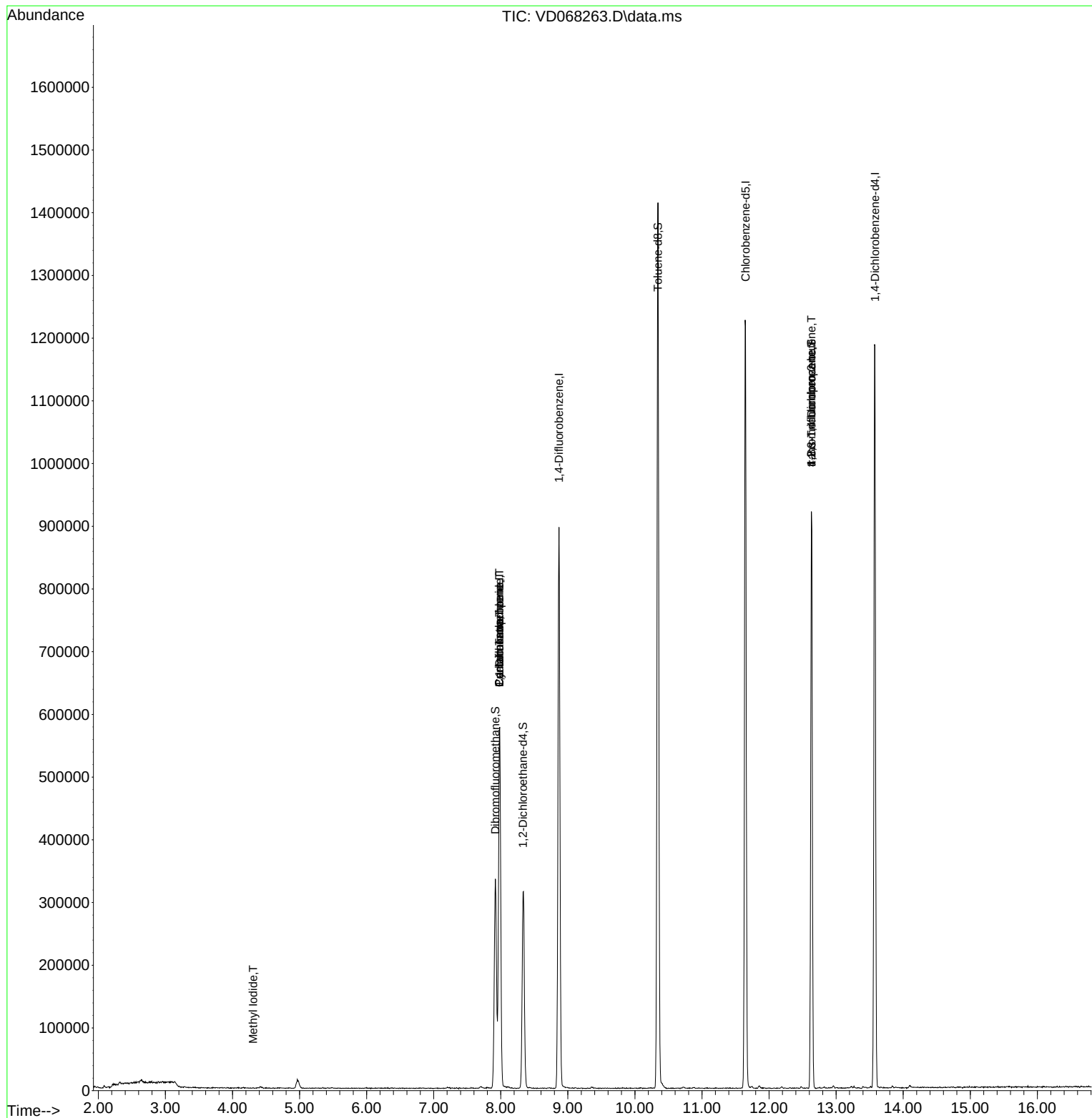
Internal Standards						
1) Pentafluorobenzene	7.979	168	437374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	801215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	722069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	321809	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	256485	61.30	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.60%	
35) Dibromofluoromethane	7.920	113	241616	54.55	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.10%	
50) Toluene-d8	10.344	98	993114	56.05	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.10%	
62) 4-Bromofluorobenzene	12.632	95	329817	51.69	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.38%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	412	3.23	ug/l #	38
20) Methylene Chloride	4.979	84	10564	Below Cal	#	93
31) Cyclohexane	7.979	56	10334	1.14	ug/l #	5
36) 1,1-Dichloropropene	7.979	75	36809	4.56	ug/l #	45
38) Carbon Tetrachloride	7.979	117	45305	5.99	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	164832	52.97	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	164832	107.20	ug/l #	13

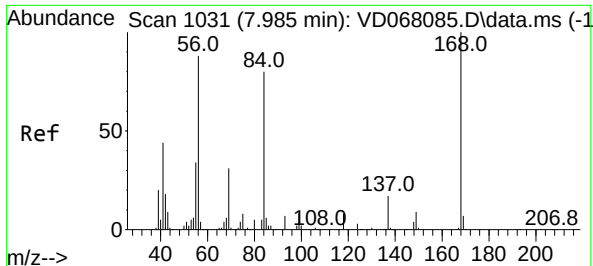
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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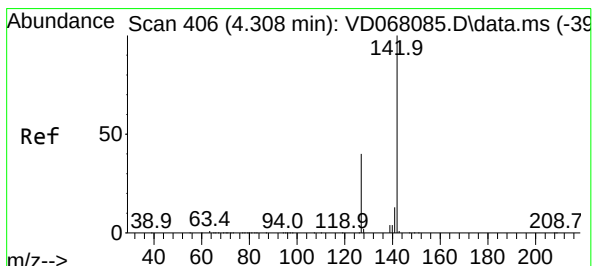
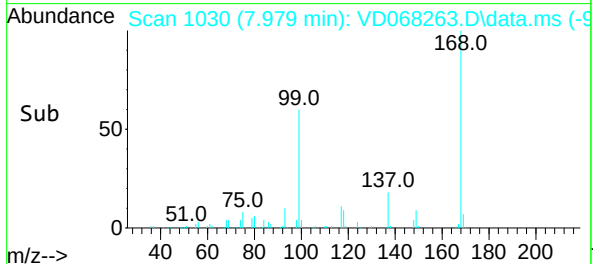
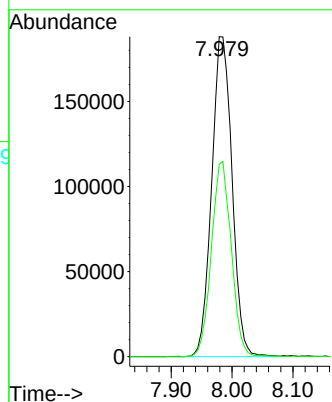
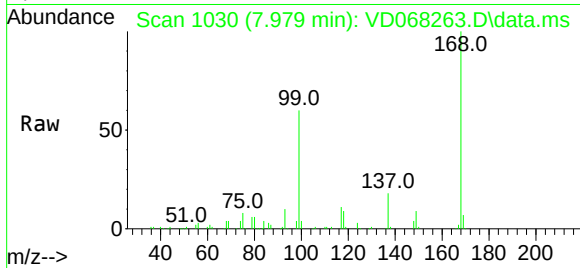




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068263.D
Acq: 03 Feb 2021 15:28

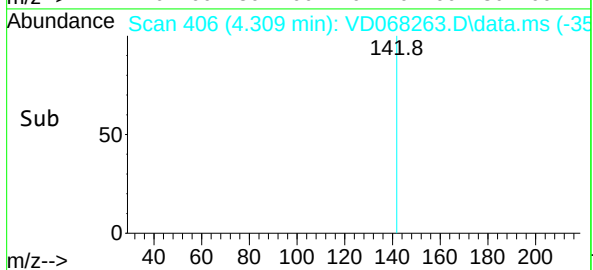
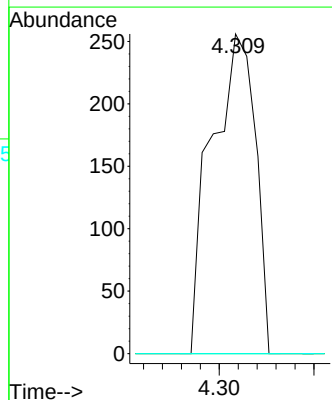
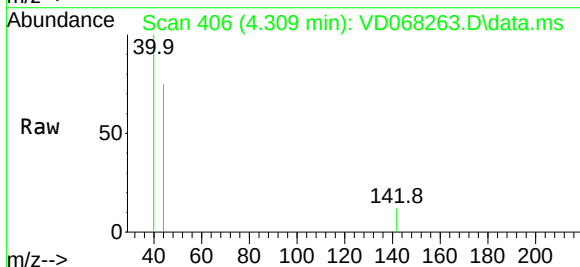
Instrument :
MSVOA_D
ClientSampleId :

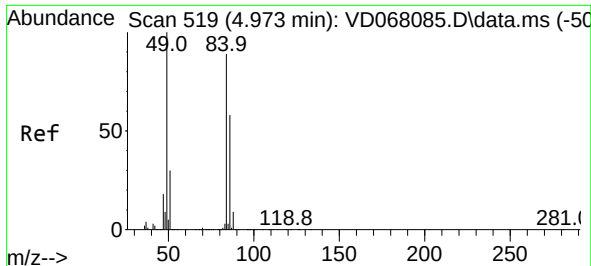
Tgt Ion:168 Resp: 437374
Ion Ratio Lower Upper
168 100
99 60.0 43.5 65.3



#10
Methyl Iodide
Concen: 3.23 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068263.D
Acq: 03 Feb 2021 15:28

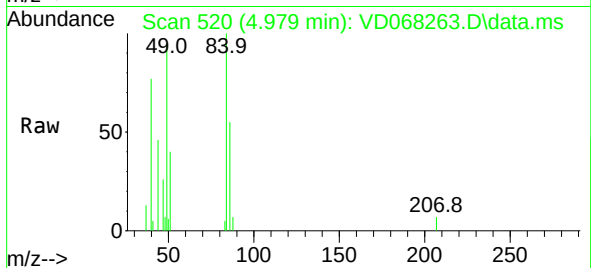
Tgt Ion:142 Resp: 412
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#



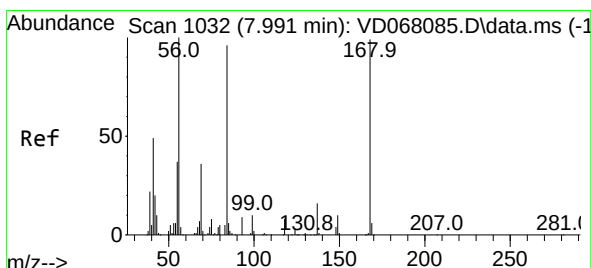
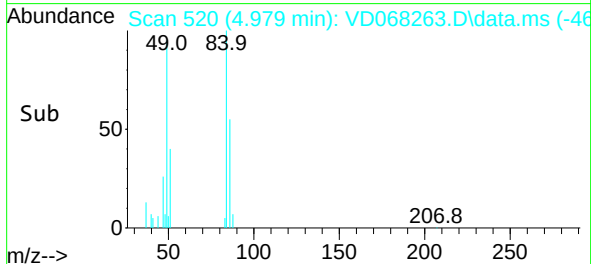
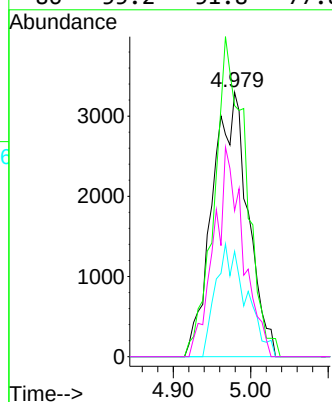


#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.006 min
Lab File: VD068263.D
Acq: 03 Feb 2021 15:28

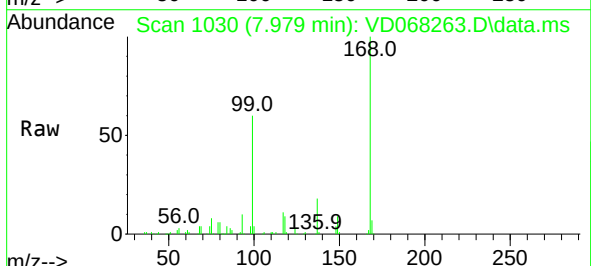
Instrument :
MSVOA_D
ClientSampleId :



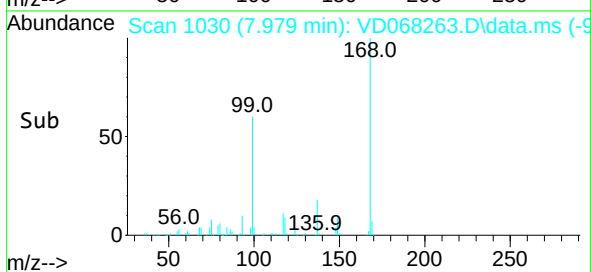
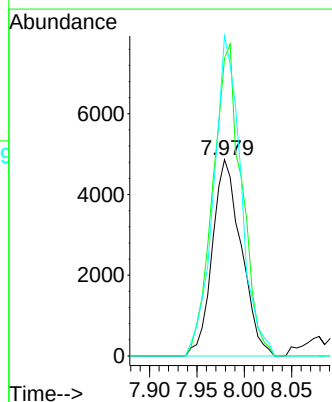
Tgt Ion:	84	Resp:	10564
Ion	Ratio	Lower	Upper
84	100		
49	94.9	77.4	116.2
51	39.8	26.1	39.1#
86	55.2	51.8	77.8

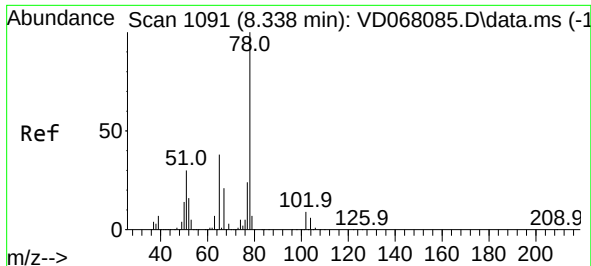


#31
Cyclohexane
Concen: 1.14 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068263.D
Acq: 03 Feb 2021 15:28



Tgt Ion:	56	Resp:	10334
Ion	Ratio	Lower	Upper
56	100		
69	151.7	30.1	45.1#
84	163.0	82.1	123.1#

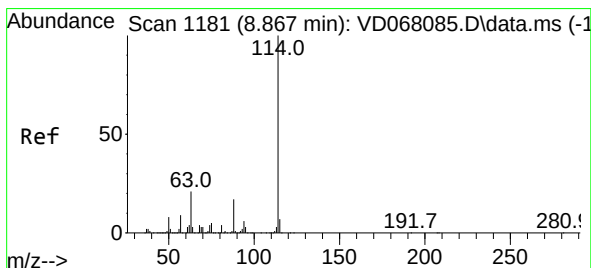
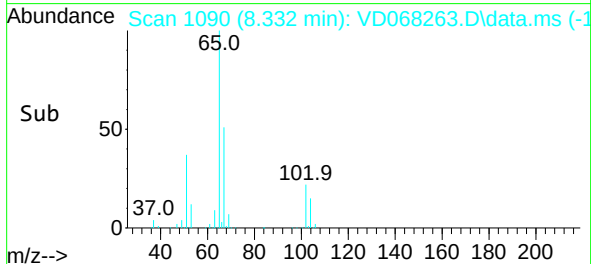
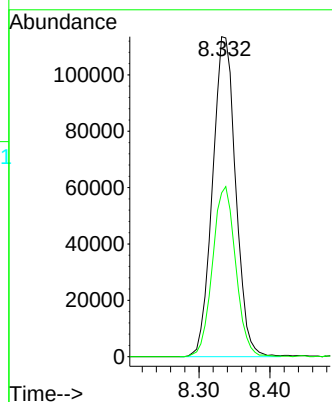
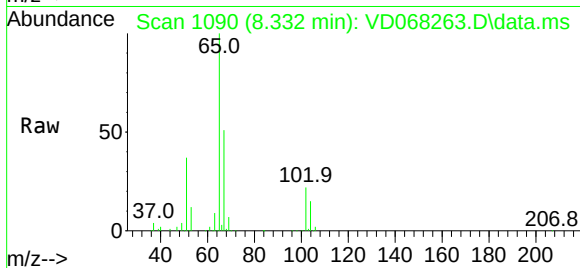




#33
1,2-Dichloroethane-d4
Concen: 61.30 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068263.D
Acq: 03 Feb 2021 15:28

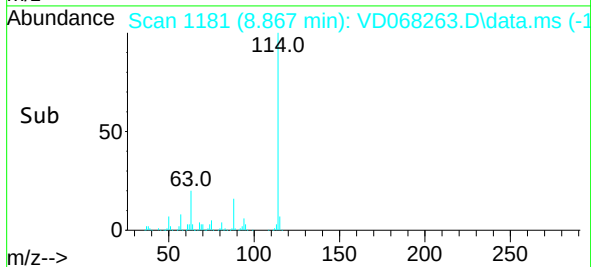
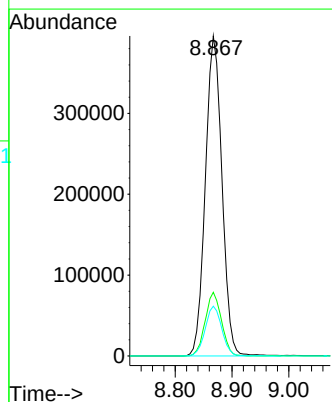
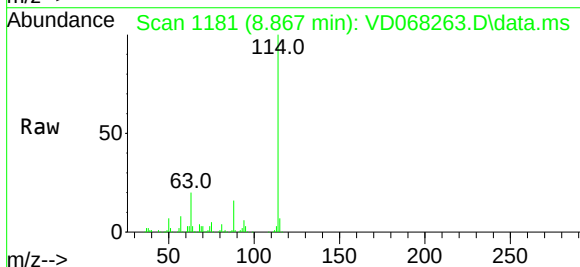
Instrument :
MSVOA_D
ClientSampleId :

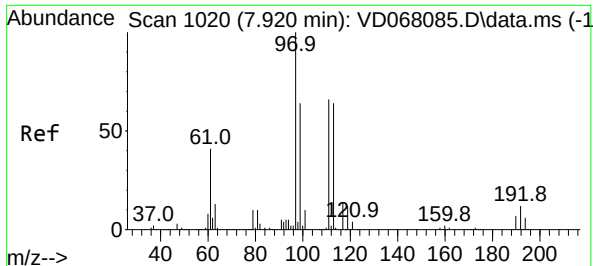
Tgt Ion: 65 Resp: 256485
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068263.D
Acq: 03 Feb 2021 15:28

Tgt Ion: 114 Resp: 801215
Ion Ratio Lower Upper
114 100
63 19.9 0.0 34.8
88 15.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 54.55 ug/l

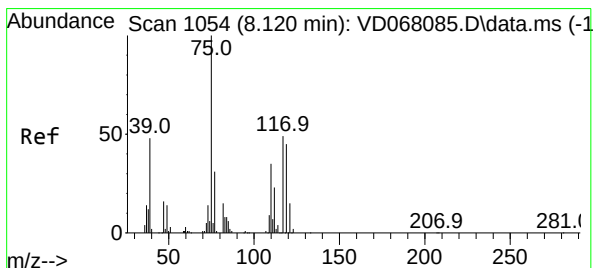
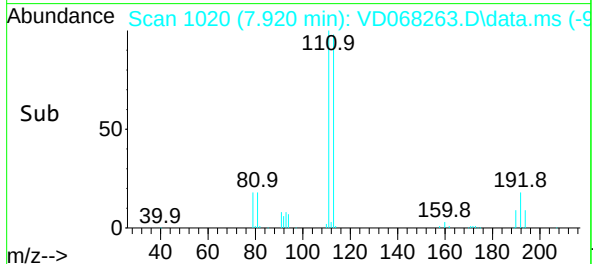
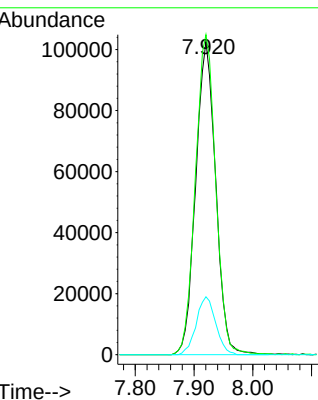
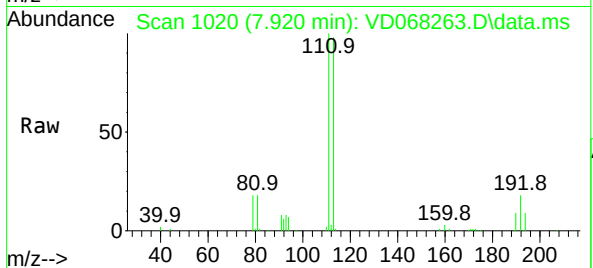
RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068263.D

Acq: 03 Feb 2021 15:28

Tgt Ion:	113	Resp:	241616
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.4	122.0
192	18.1	16.1	24.1



#36

1,1-Dichloropropene

Concen: 4.56 ug/l

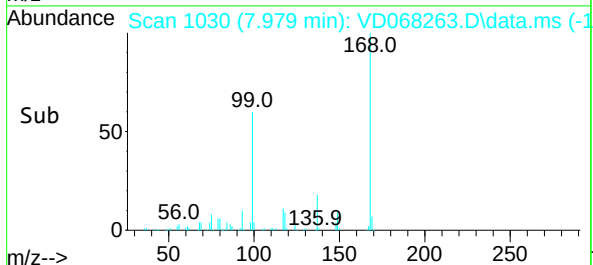
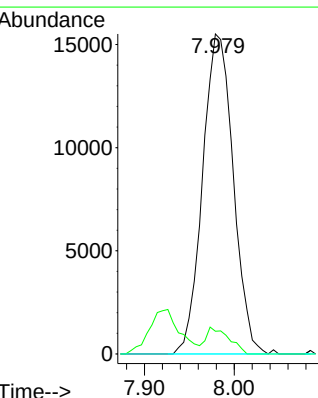
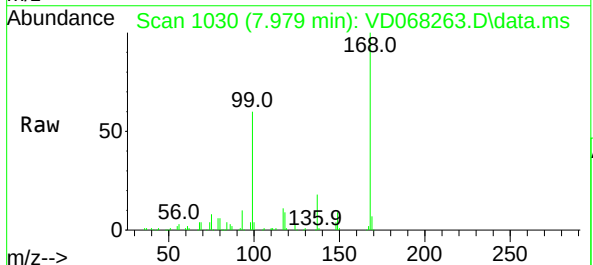
RT: 7.979 min Scan# 1030

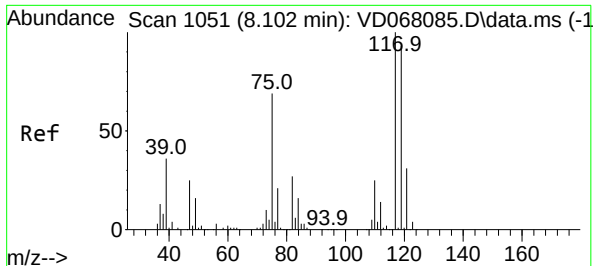
Delta R.T. -0.141 min

Lab File: VD068263.D

Acq: 03 Feb 2021 15:28

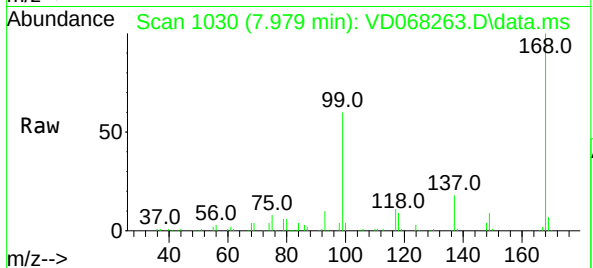
Tgt Ion:	75	Resp:	36809
Ion	Ratio	Lower	Upper
75	100		
110	6.2	19.4	58.2#
77	0.0	25.3	37.9#



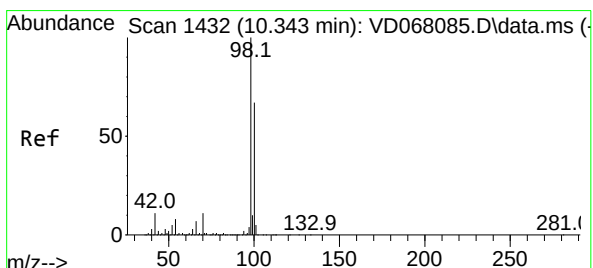
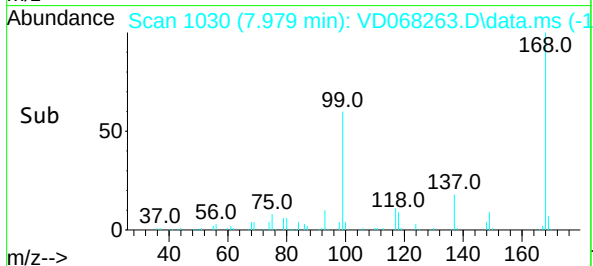
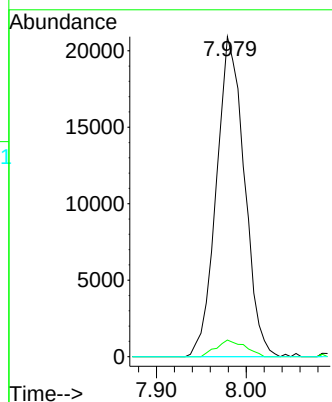


#38
Carbon Tetrachloride
Concen: 5.99 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068263.D
Acq: 03 Feb 2021 15:28

Instrument :
MSVOA_D
ClientSampled :

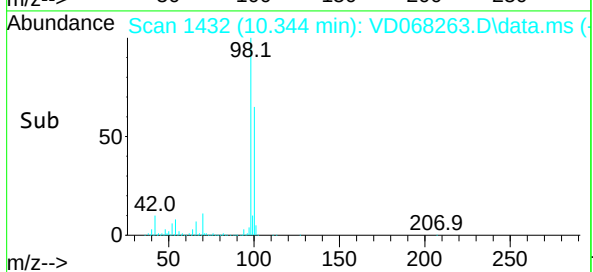
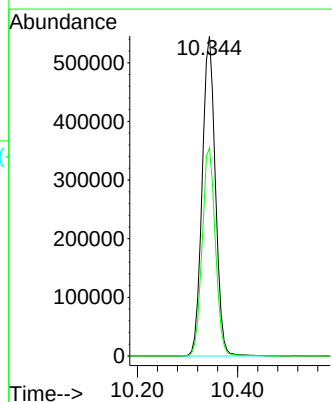
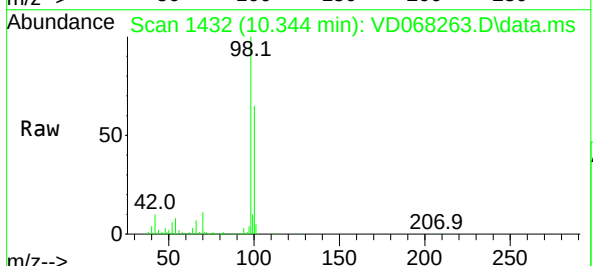


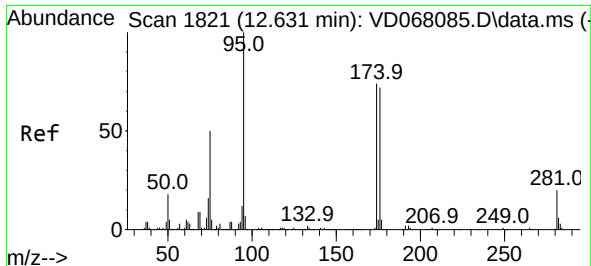
Tgt Ion:117 Resp: 45305
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 56.05 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068263.D
Acq: 03 Feb 2021 15:28

Tgt Ion: 98 Resp: 993114
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4

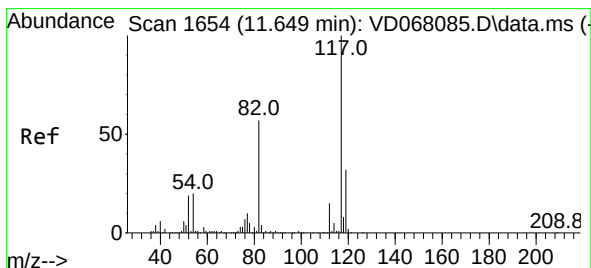
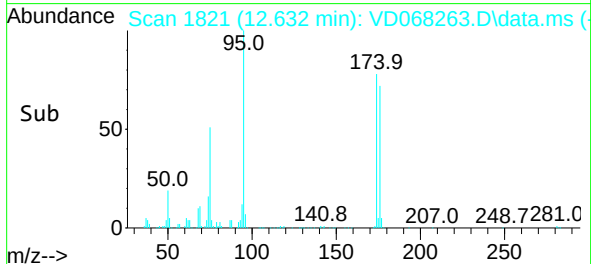
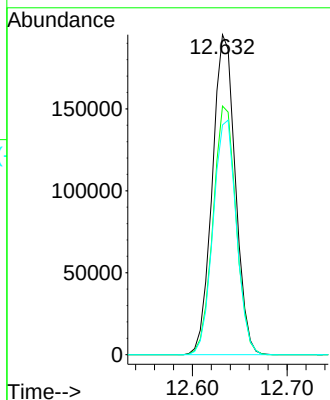
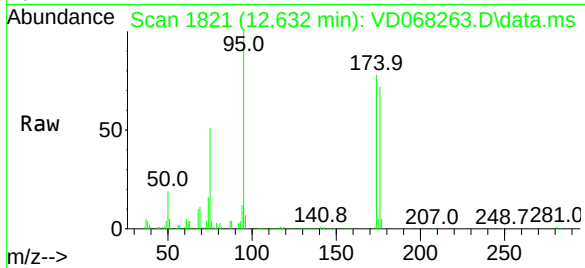




#62
4-Bromofluorobenzene
Concen: 51.69 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068263.D
Acq: 03 Feb 2021 15:28

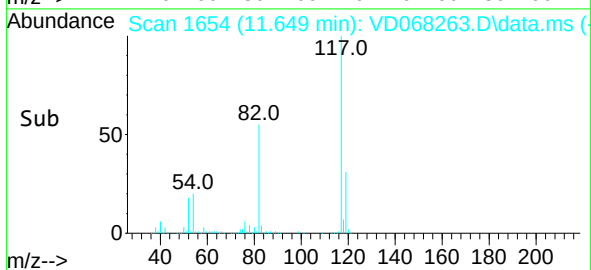
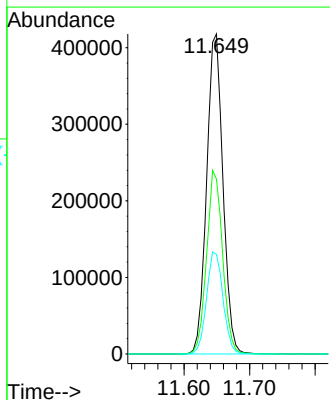
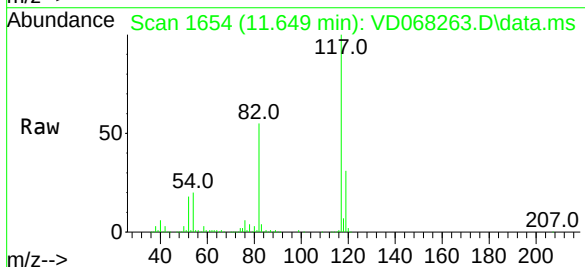
Instrument :
MSVOA_D
ClientSampled :

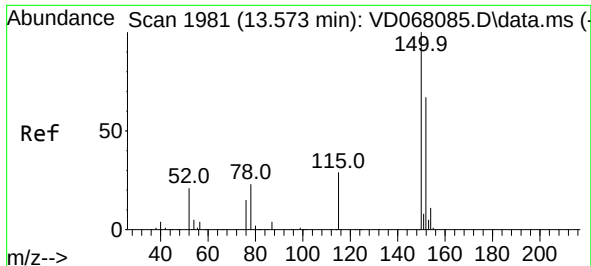
Tgt Ion: 95 Resp: 329817
Ion Ratio Lower Upper
95 100
174 77.7 0.0 172.4
176 74.1 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068263.D
Acq: 03 Feb 2021 15:28

Tgt Ion: 117 Resp: 722069
Ion Ratio Lower Upper
117 100
82 54.6 41.4 62.0
119 31.1 26.1 39.1

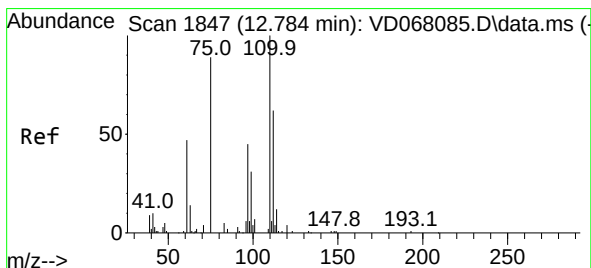
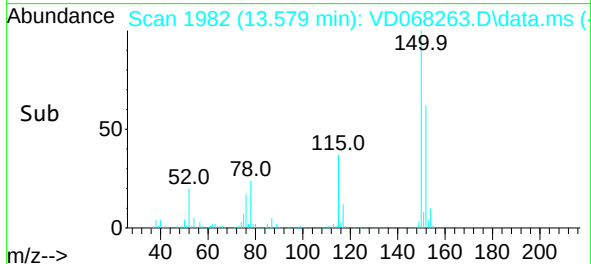
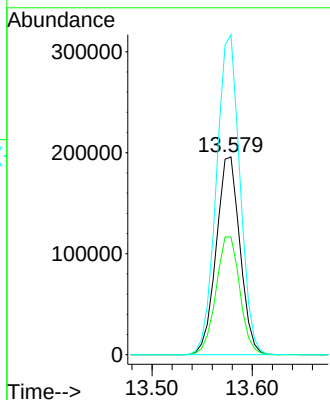
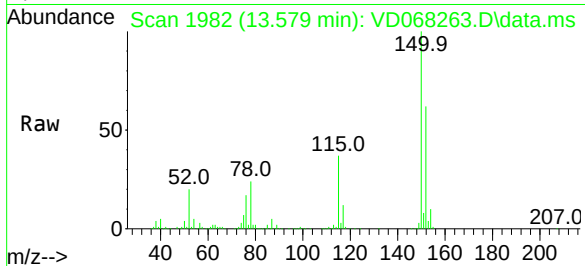




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068263.D
Acq: 03 Feb 2021 15:28

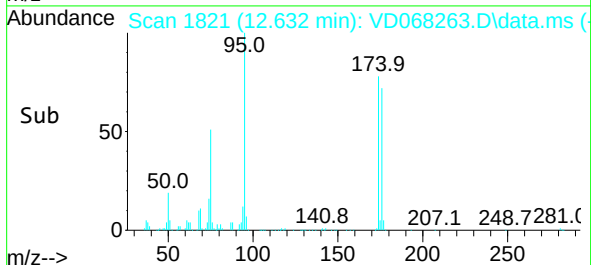
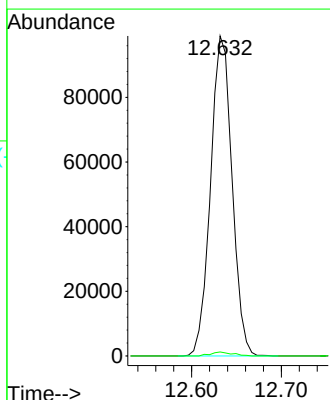
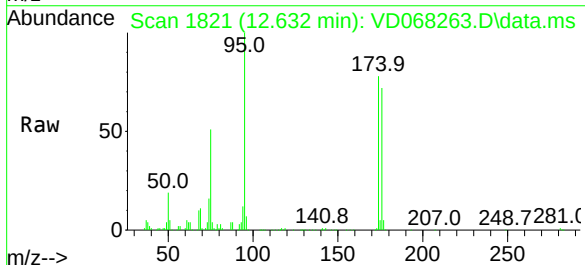
Instrument :
MSVOA_D
ClientSampleId :

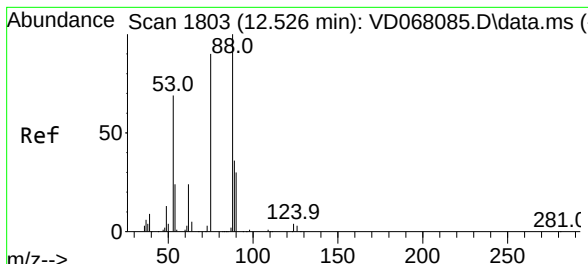
Tgt Ion:152 Resp: 321809
Ion Ratio Lower Upper
152 100
115 59.8 28.9 86.8
150 160.2 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 52.97 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068263.D
Acq: 03 Feb 2021 15:28

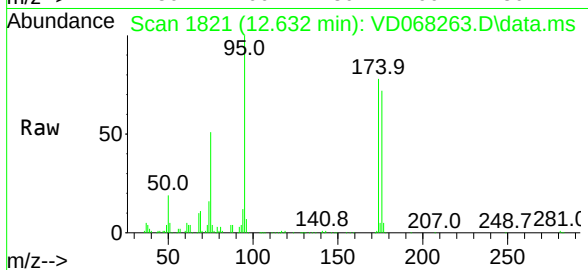
Tgt Ion: 75 Resp: 164832
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.20 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068263.D
 Acq: 03 Feb 2021 15:28

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 164832
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

