

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020321\
 Data File : VD068270.D
 Acq On : 03 Feb 2021 18:39
 Operator : VA/SY
 Sample : M1292-14
 Misc : 5.82G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

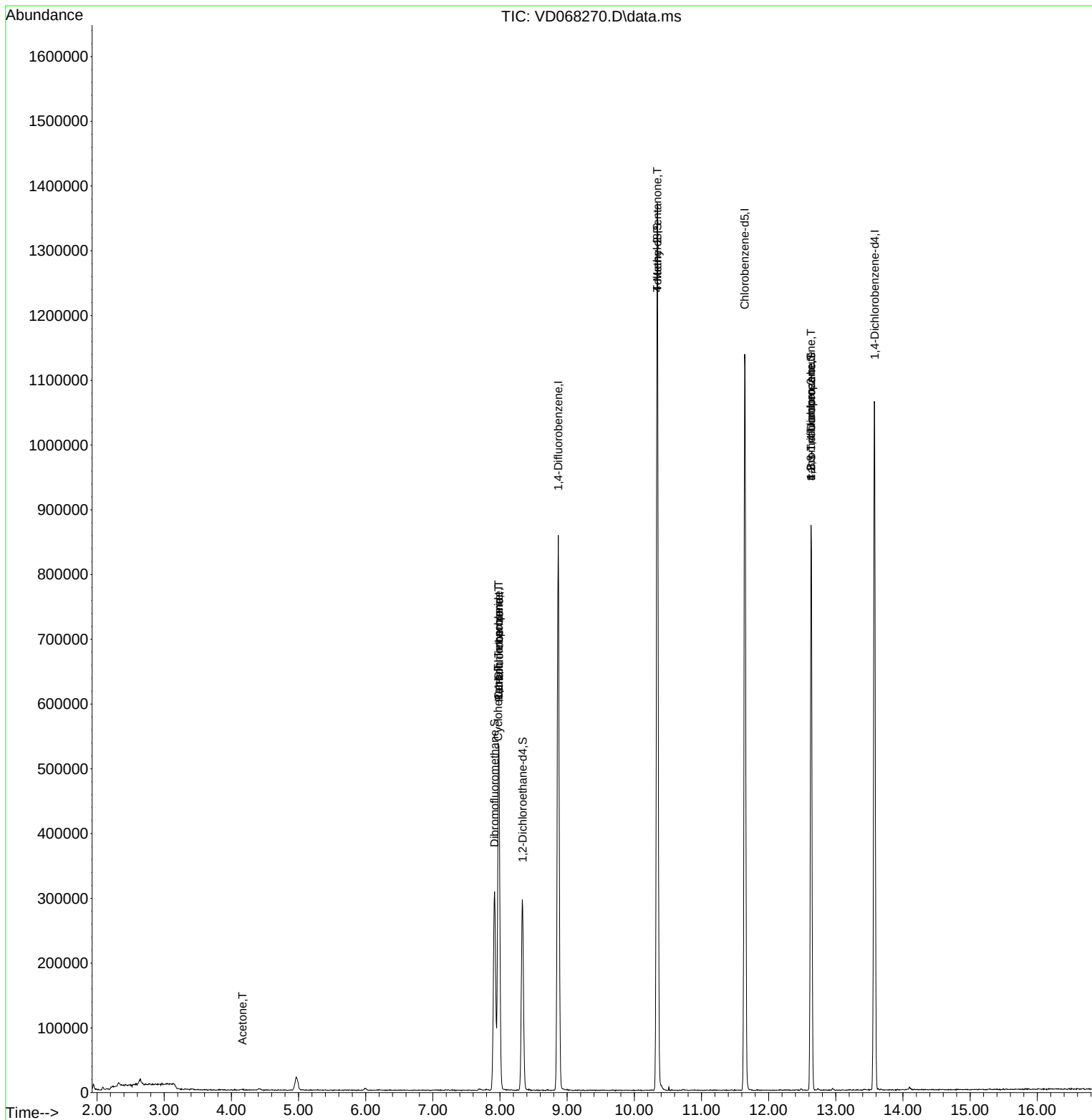
Quant Time: Feb 03 23:44:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

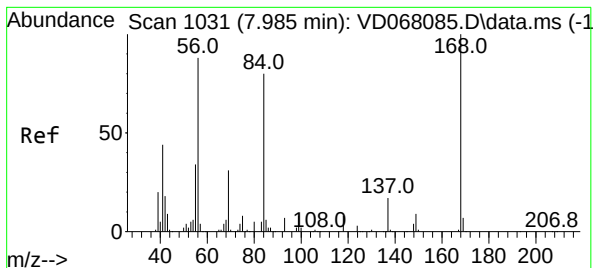
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	404865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	759160	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	684349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	297782	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	237552	61.34	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.68%
35) Dibromofluoromethane	7.920	113	226102	53.87	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.74%
50) Toluene-d8	10.344	98	947248	56.42	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.84%
62) 4-Bromofluorobenzene	12.632	95	297704	49.24	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.48%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.209	59	492	Below Cal	#	74
16) Acetone	4.167	43	2067	2.99	ug/l #	83
20) Methylene Chloride	4.967	84	17024	Below Cal		89
31) Cyclohexane	7.973	56	8932	1.07	ug/l #	13
36) 1,1-Dichloropropene	7.979	75	34288	4.48	ug/l #	46
38) Carbon Tetrachloride	7.979	117	42125	5.88	ug/l #	15
51) 4-Methyl-2-Pentanone	10.344	43	3791	1.45	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	154228	53.57	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	154228	108.39	ug/l #	13

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

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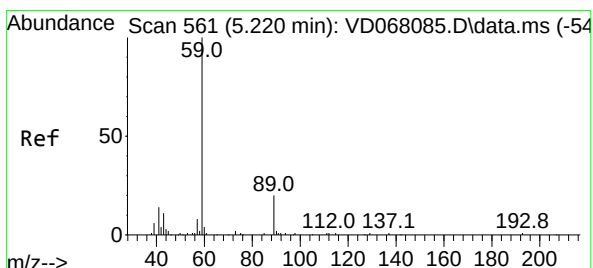
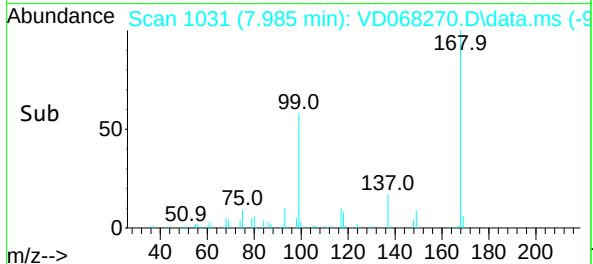
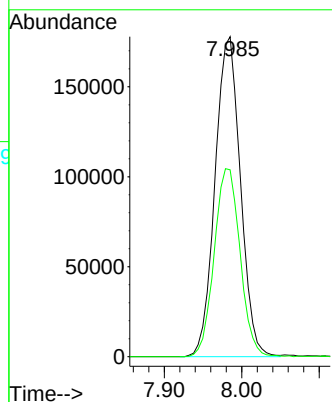
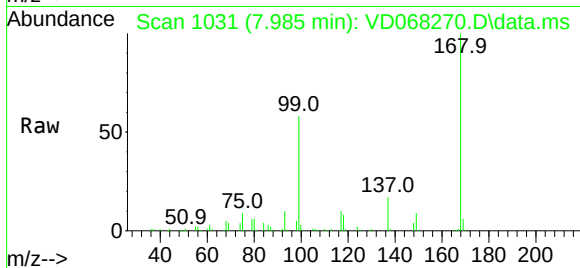




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068270.D
Acq: 03 Feb 2021 18:39

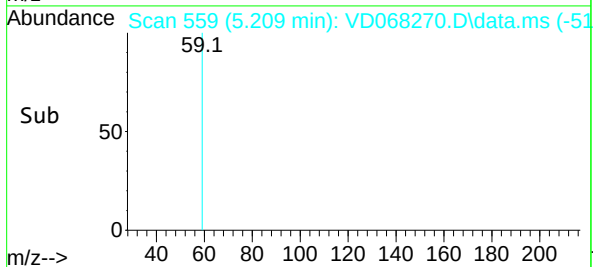
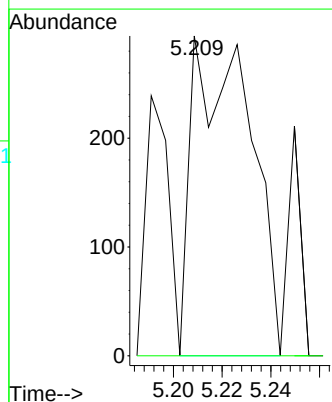
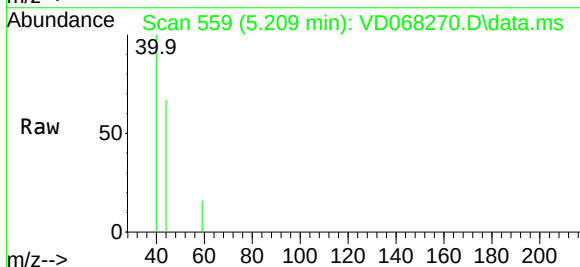
Instrument :
MSVOA_D
ClientSampled :

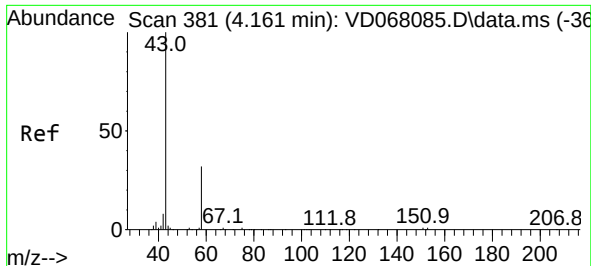
Tgt Ion:168 Resp: 404865
Ion Ratio Lower Upper
168 100
99 58.4 43.5 65.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD068270.D
Acq: 03 Feb 2021 18:39

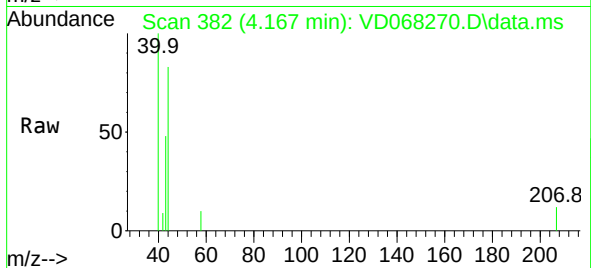
Tgt Ion: 59 Resp: 492
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



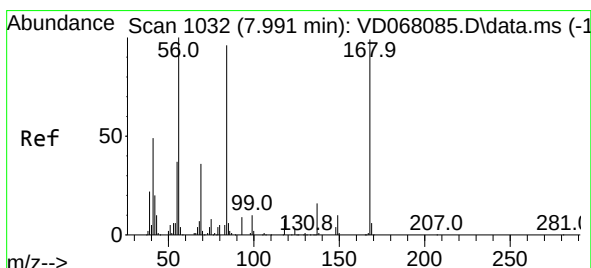
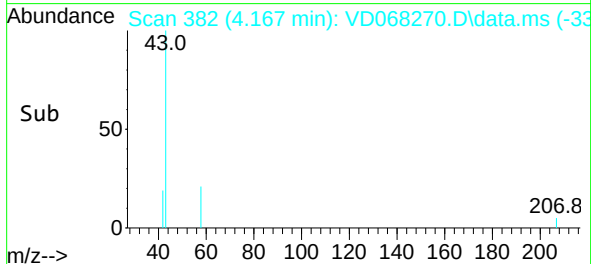
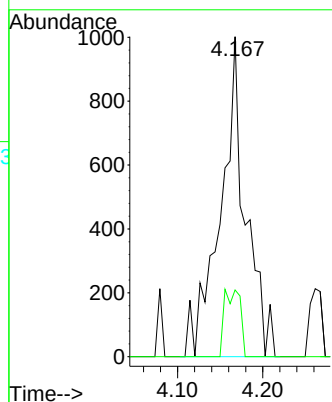


#16
Acetone
Concen: 2.99 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068270.D
Acq: 03 Feb 2021 18:39

Instrument :
MSVOA_D
ClientSampled :

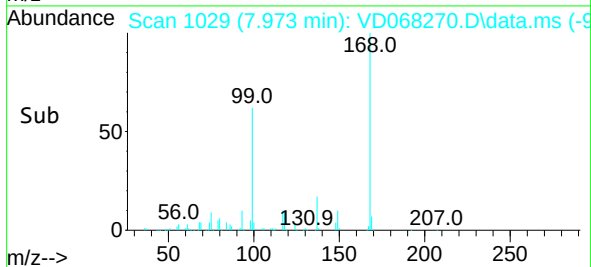
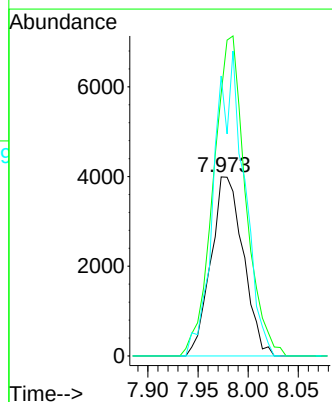
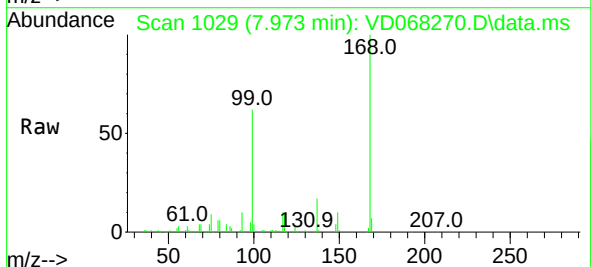


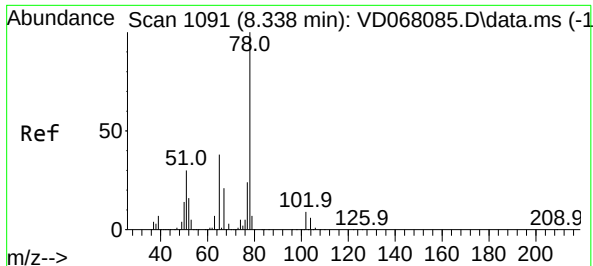
Tgt Ion: 43 Resp: 2067
Ion Ratio Lower Upper
43 100
58 20.9 24.2 36.4#



#31
Cyclohexane
Concen: 1.07 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD068270.D
Acq: 03 Feb 2021 18:39

Tgt Ion: 56 Resp: 8932
Ion Ratio Lower Upper
56 100
69 146.4 30.1 45.1#
84 156.4 82.1 123.1#

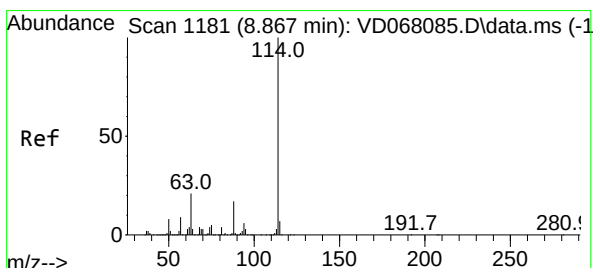
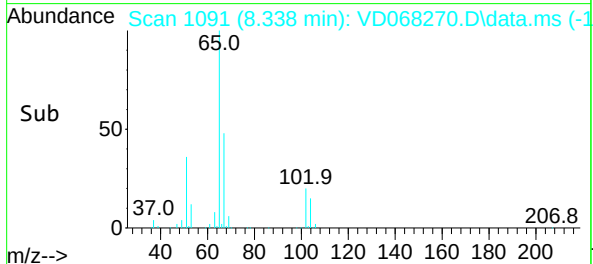
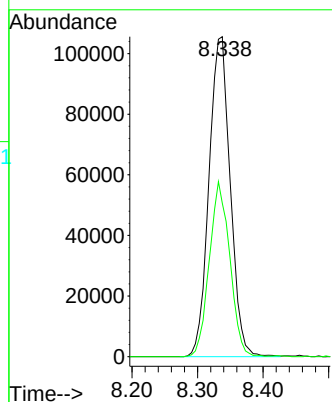
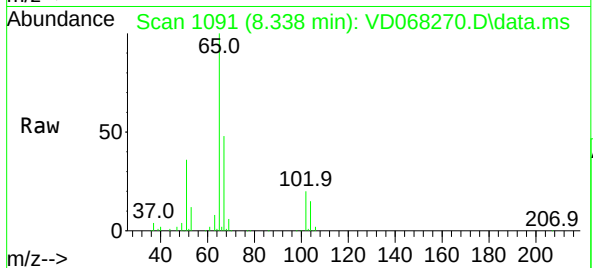




#33
1,2-Dichloroethane-d4
Concen: 61.34 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068270.D
Acq: 03 Feb 2021 18:39

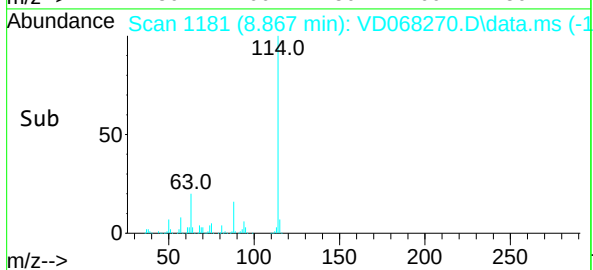
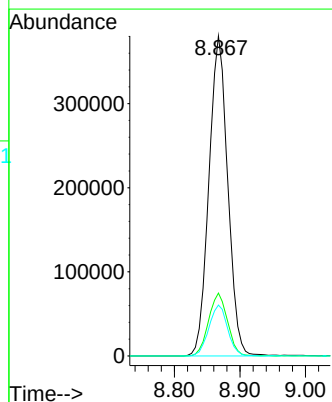
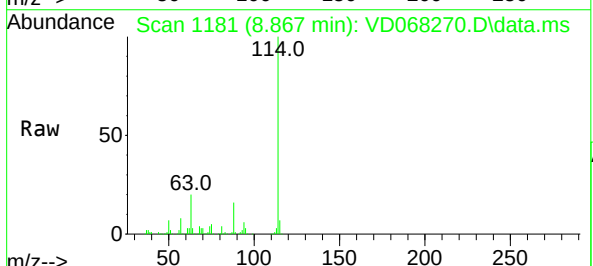
Instrument :
MSVOA_D
ClientSampled :

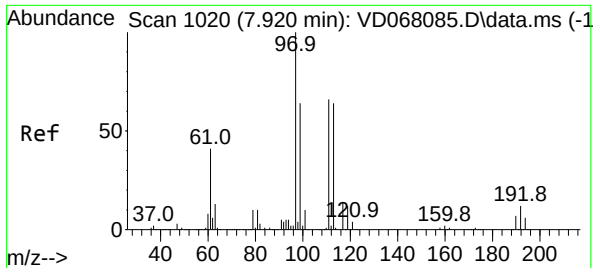
Tgt Ion: 65 Resp: 237552
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068270.D
Acq: 03 Feb 2021 18:39

Tgt Ion: 114 Resp: 759160
Ion Ratio Lower Upper
114 100
63 19.6 0.0 34.8
88 15.9 0.0 31.6

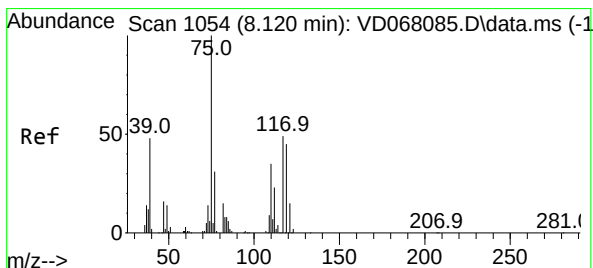
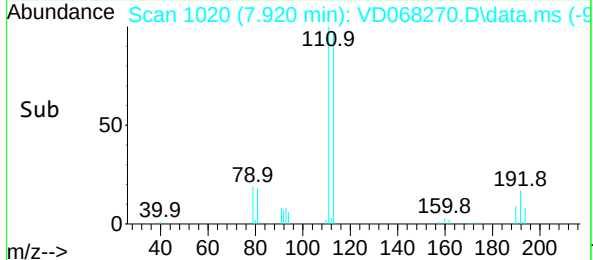
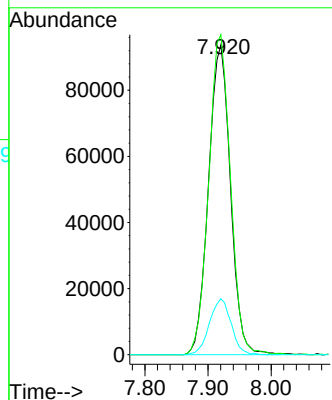
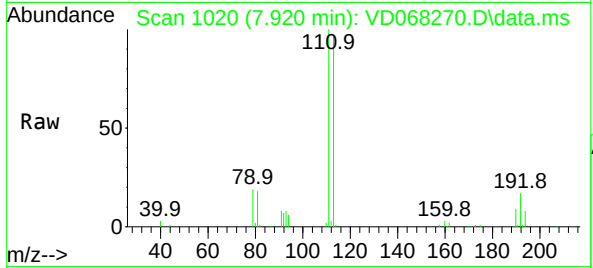




#35
Dibromofluoromethane
Concen: 53.87 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068270.D
Acq: 03 Feb 2021 18:39

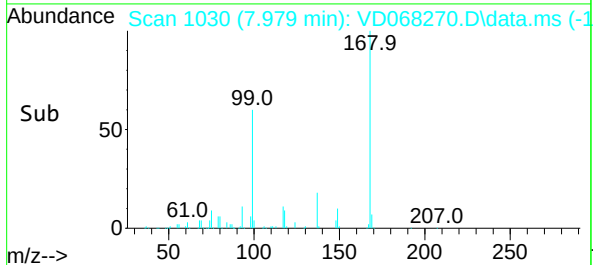
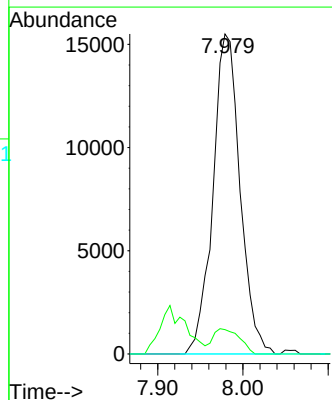
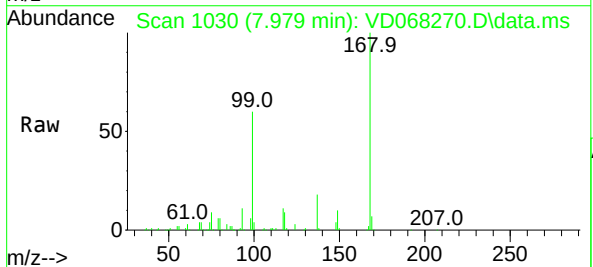
Instrument :
MSVOA_D
ClientSampleId :

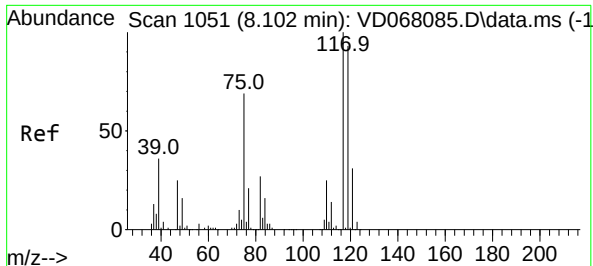
Tgt Ion:113 Resp: 226102
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 17.8 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.48 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.141 min
Lab File: VD068270.D
Acq: 03 Feb 2021 18:39

Tgt Ion: 75 Resp: 34288
Ion Ratio Lower Upper
75 100
110 7.7 19.4 58.2#
77 0.0 25.3 37.9#

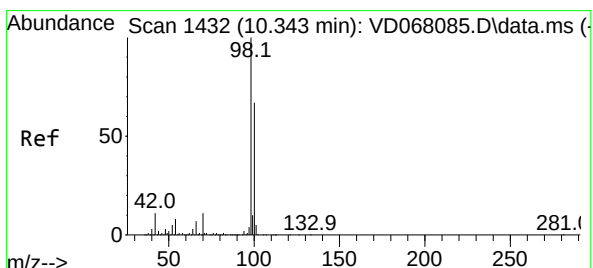
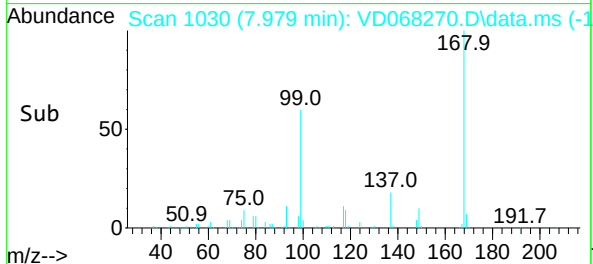
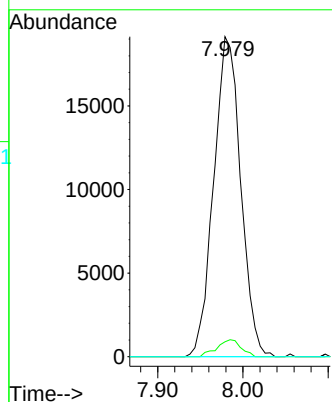
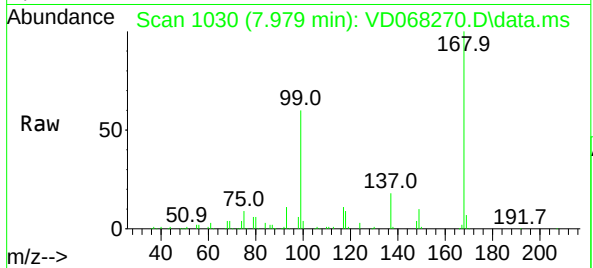




#38
Carbon Tetrachloride
Concen: 5.88 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068270.D
Acq: 03 Feb 2021 18:39

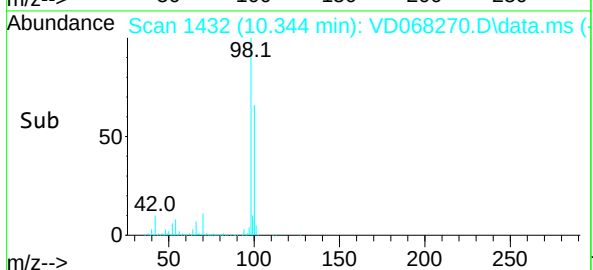
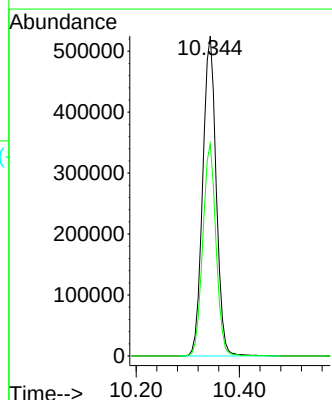
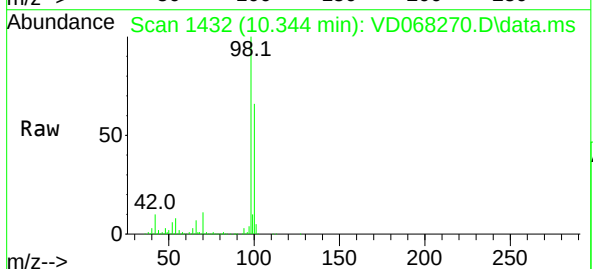
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ClientSampleId :

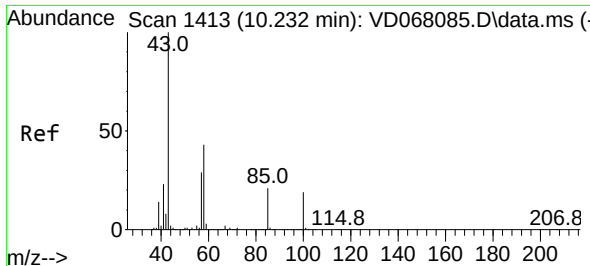
Tgt Ion:117 Resp: 42125
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 56.42 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068270.D
Acq: 03 Feb 2021 18:39

Tgt Ion: 98 Resp: 947248
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.4

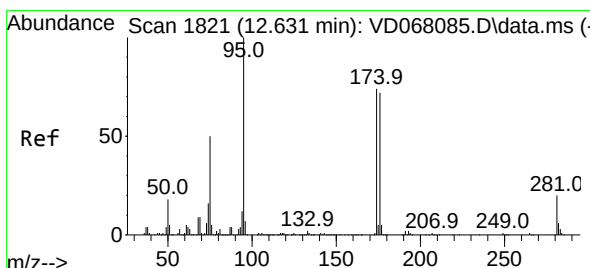
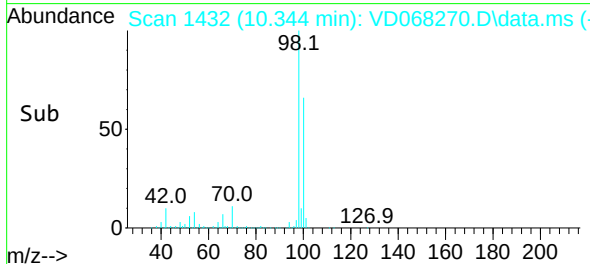
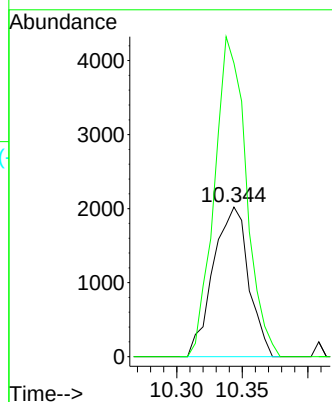
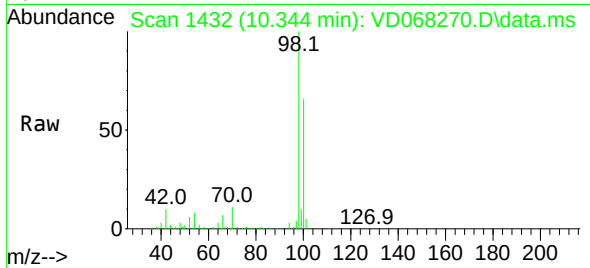




#51
4-Methyl-2-Pentanone
Concen: 1.45 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.112 min
Lab File: VD068270.D
Acq: 03 Feb 2021 18:39

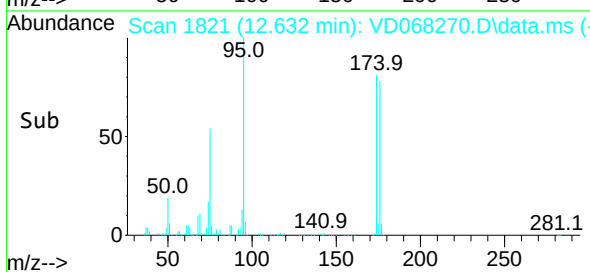
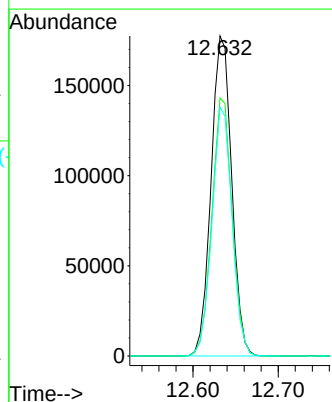
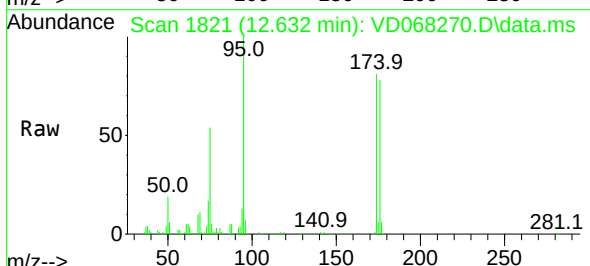
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ClientSampled :

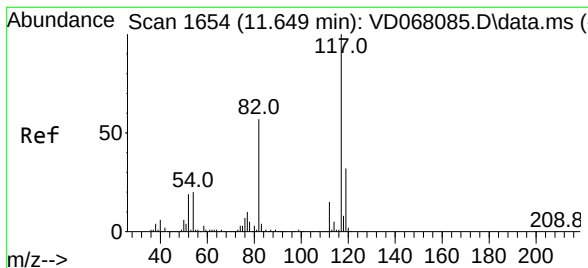
Tgt Ion: 43 Resp: 3791
Ion Ratio Lower Upper
43 100
58 192.4 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 49.24 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068270.D
Acq: 03 Feb 2021 18:39

Tgt Ion: 95 Resp: 297704
Ion Ratio Lower Upper
95 100
174 79.6 0.0 172.4
176 76.2 0.0 168.4

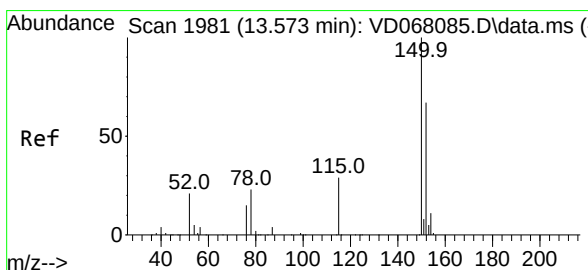
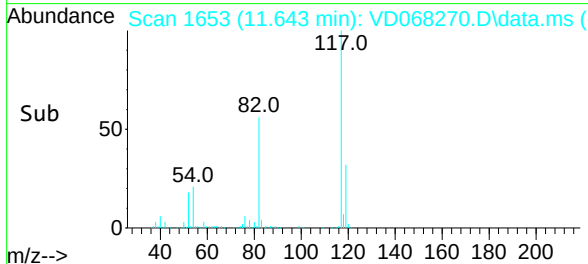
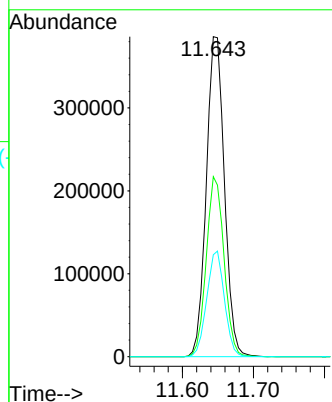
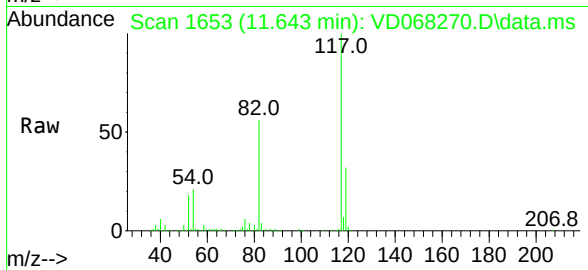




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068270.D
Acq: 03 Feb 2021 18:39

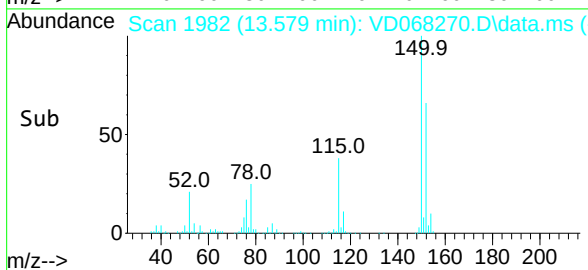
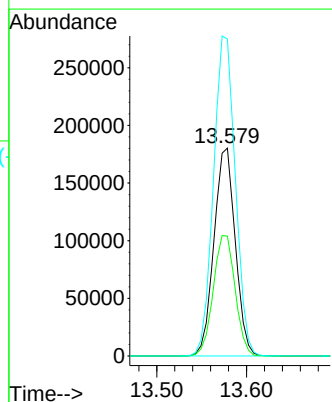
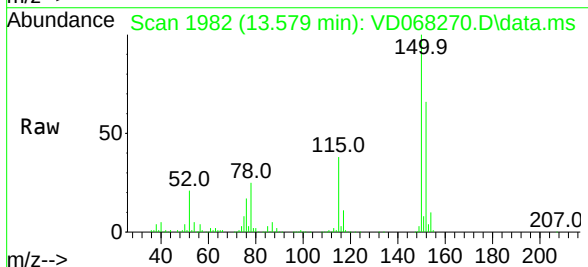
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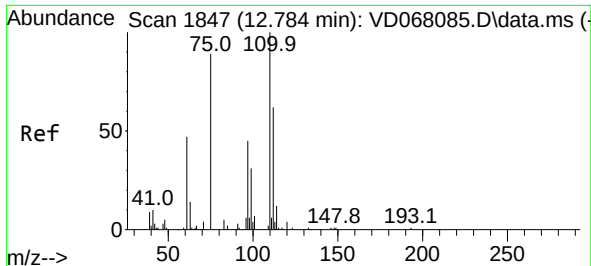
Tgt Ion:117 Resp: 684349
Ion Ratio Lower Upper
117 100
82 56.3 41.4 62.0
119 31.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068270.D
Acq: 03 Feb 2021 18:39

Tgt Ion:152 Resp: 297782
Ion Ratio Lower Upper
152 100
115 59.4 28.9 86.8
150 157.5 0.0 344.4

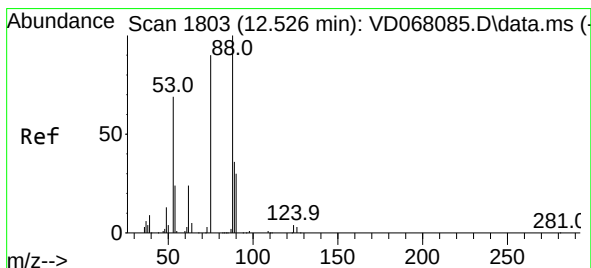
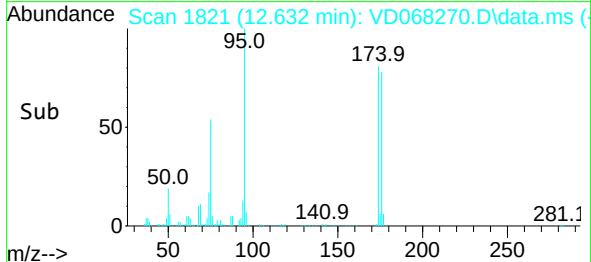
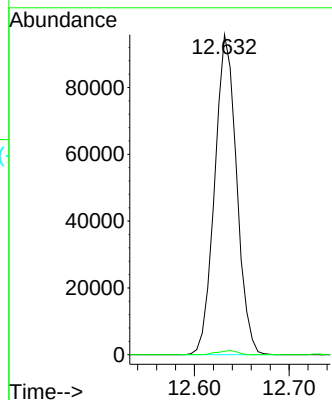
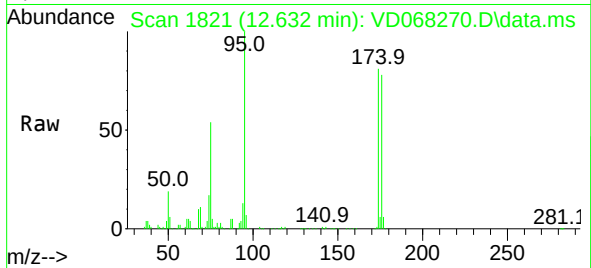




#76
1,2,3-Trichloropropane
Concen: 53.57 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068270.D
Acq: 03 Feb 2021 18:39

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 154228
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.39 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068270.D
Acq: 03 Feb 2021 18:39

Tgt Ion: 75 Resp: 154228
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

