

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD113020\
 Data File : VD067808.D
 Acq On : 30 Nov 2020 12:01
 Operator : VA/SY
 Sample : L4885-01RE
 Misc : 6.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-112420RE

Quant Time: Nov 30 13:15:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	721131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1174709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1062654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	525447	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	395390	56.39	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	=	112.78%	
35) Dibromofluoromethane	7.92	113	366398	49.01	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	=	98.02%	
50) Toluene-d8	10.34	98	1288628	47.15	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	=	94.30%	
62) 4-Bromofluorobenzene	12.64	95	479984	51.38	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	=	102.76%	

Target Compounds

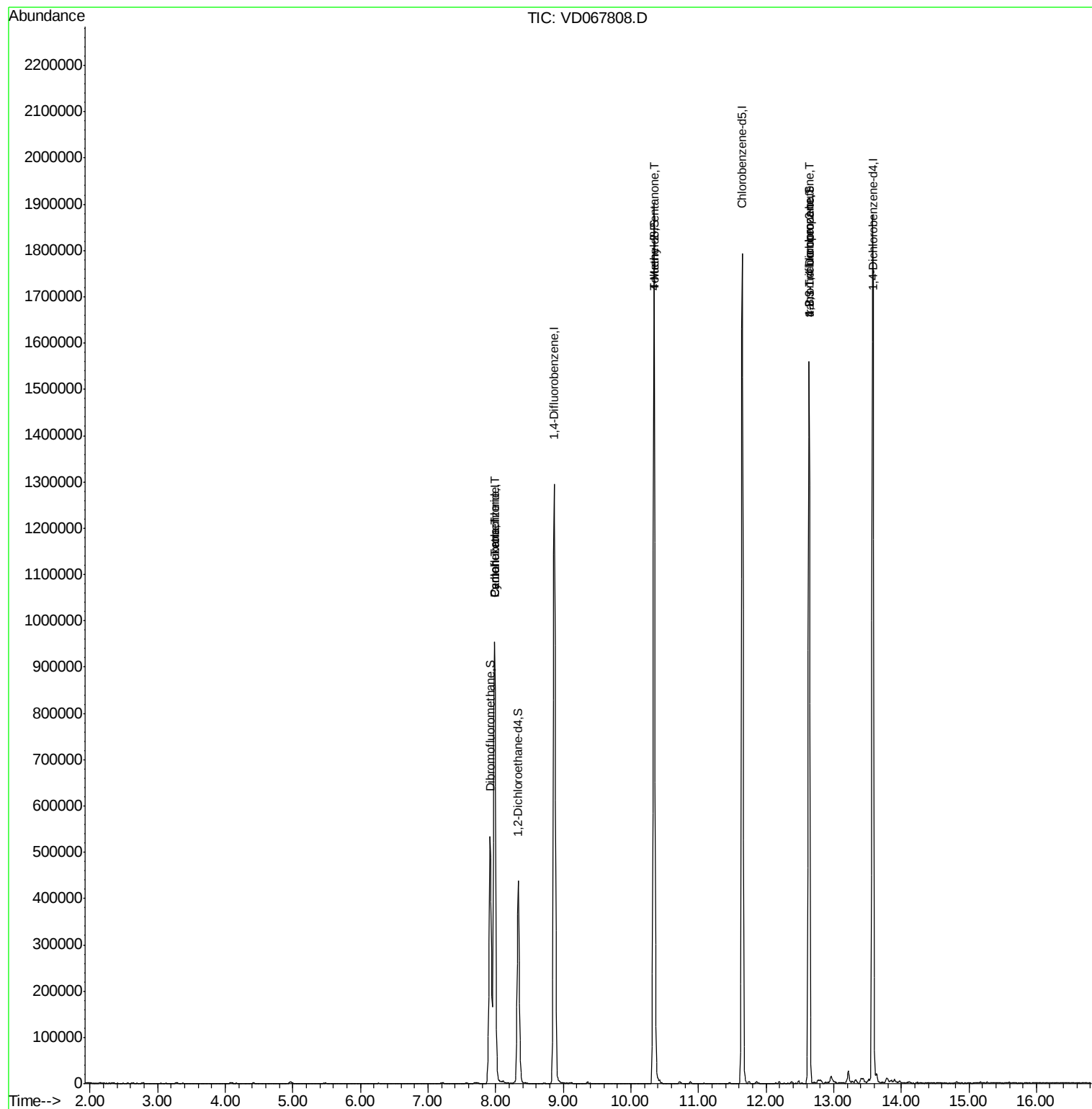
					Qvalue
20) Methylene Chloride	4.96	84	3250	Below Cal	# 74
31) Cyclohexane	7.98	56	15128	1.783 ug/l	# 40
38) Carbon Tetrachloride	7.98	117	75282	5.152 ug/l	# 15
51) 4-Methyl-2-Pentanone	10.34	43	5177	2.033 ug/l	# 1
76) 1,2,3-Trichloropropane	12.64	75	273872	74.785 ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.64	75	273872	174.917 ug/l	# 11

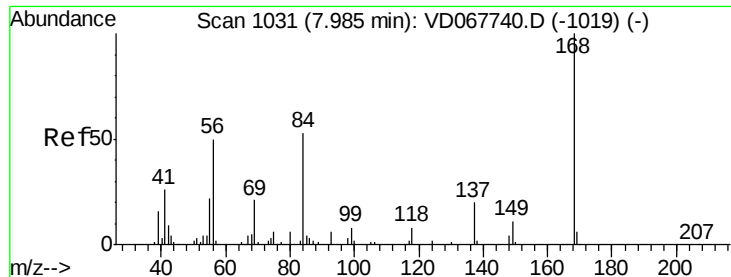
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067808.D

Acq: 30 Nov 2020 12:01

Instrument :

MSVOA_D

ClientSampleId :

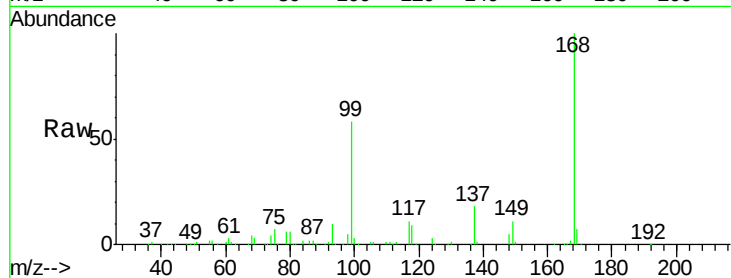
OK-03-112420RE

Tgt Ion:168 Resp: 721131

Ion Ratio Lower Upper

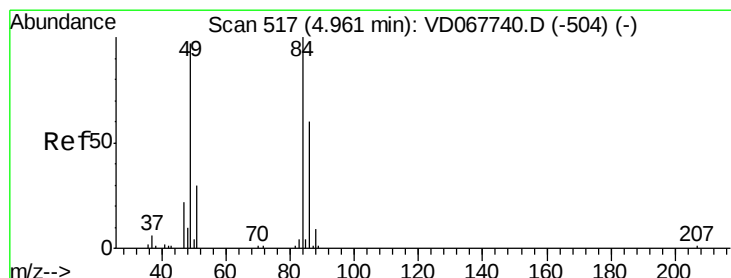
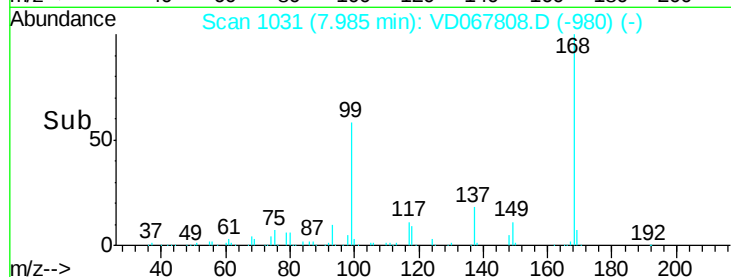
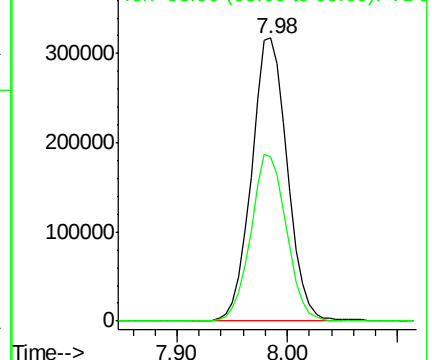
168 100

99 57.9 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD067808.D

Acq: 30 Nov 2020 12:01

Tgt Ion: 84 Resp: 3250

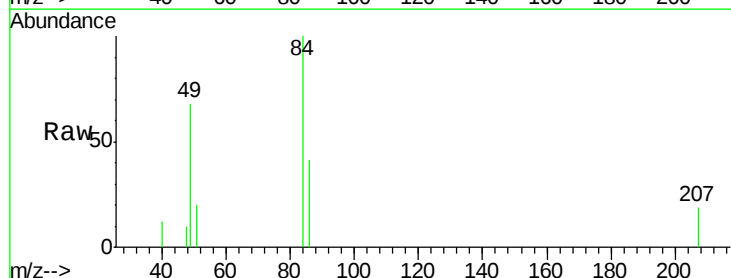
Ion Ratio Lower Upper

84 100

49 68.3 77.4 116.2#

51 20.5 24.1 36.1#

86 41.0 48.2 72.2#

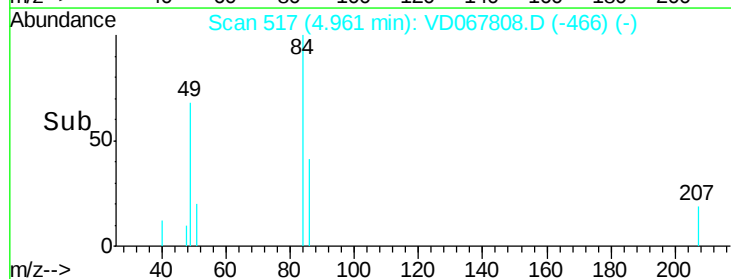
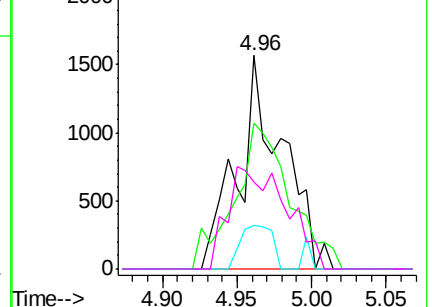


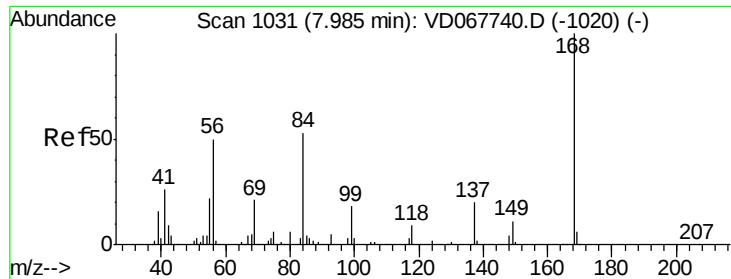
Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

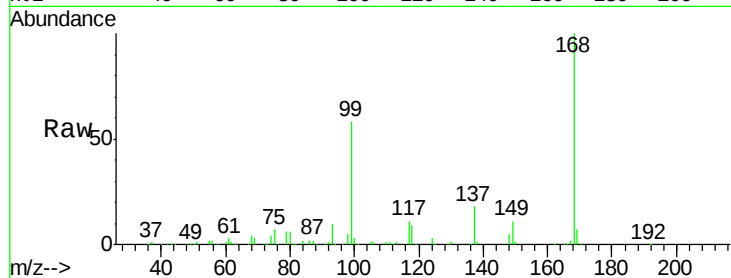




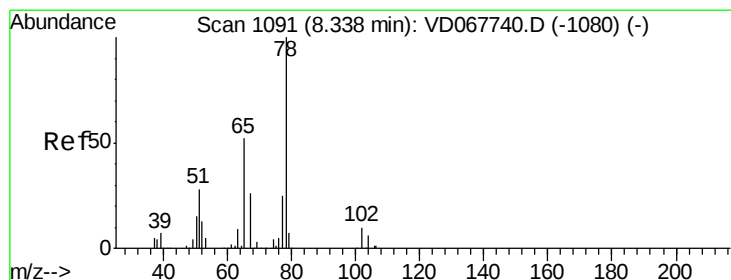
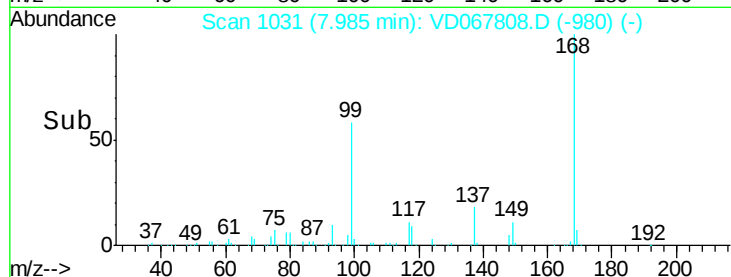
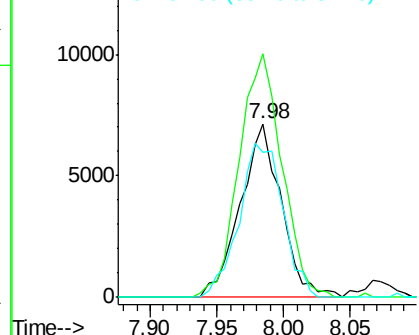
#31
Cyclohexane
Concen: 1.783 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067808.D
Acq: 30 Nov 2020 12:01

Instrument :
MSVOA_D
ClientSampleId :
OK-03-112420RE

Tgt Ion: 56 Resp: 15128
Ion Ratio Lower Upper
56 100
69 140.3 33.2 49.8#
84 83.4 84.8 127.2#

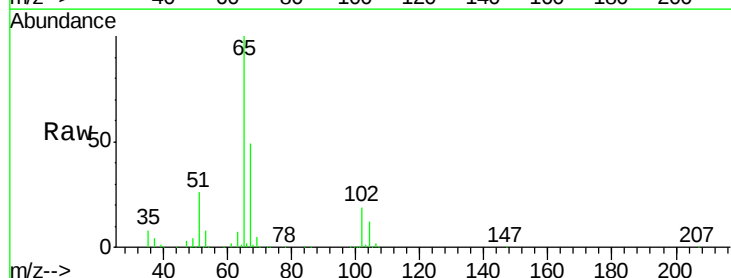


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

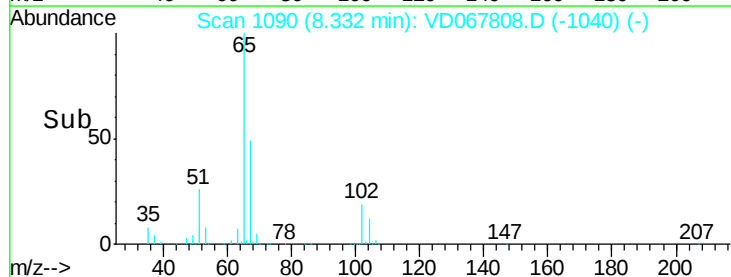
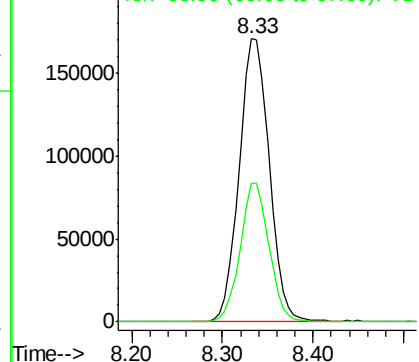


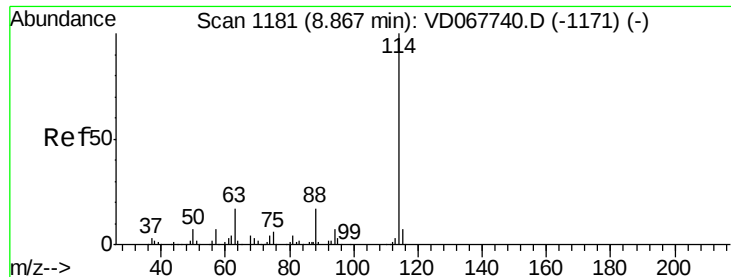
#33
1,2-Dichloroethane-d4
Concen: 56.390 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD067808.D
Acq: 30 Nov 2020 12:01

Tgt Ion: 65 Resp: 395390
Ion Ratio Lower Upper
65 100
67 46.9 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

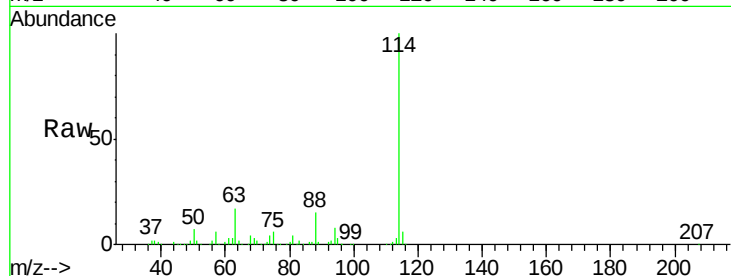




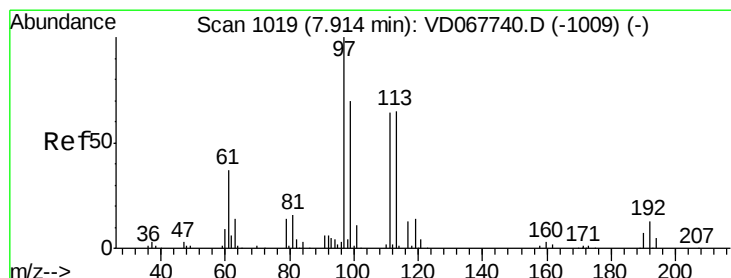
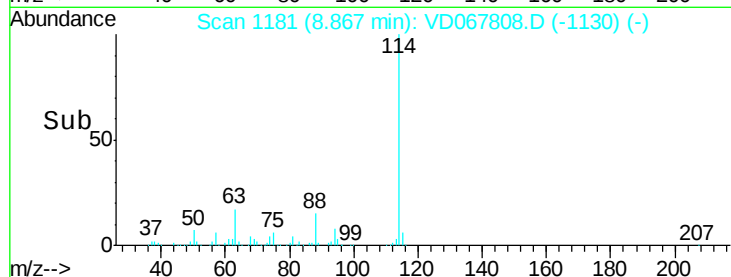
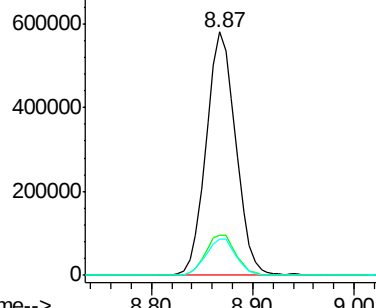
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067808.D
 Acq: 30 Nov 2020 12:01

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 MSVOA_D
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 OK-03-112420RE

Tgt Ion:114 Resp: 1174709
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 34.8
 88 14.9 0.0 34.4

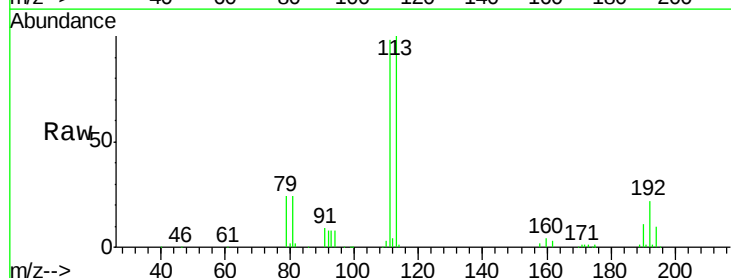


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

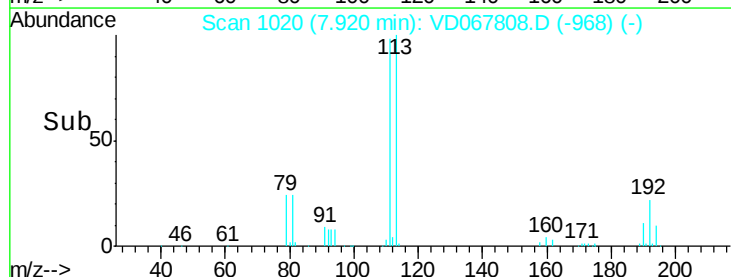
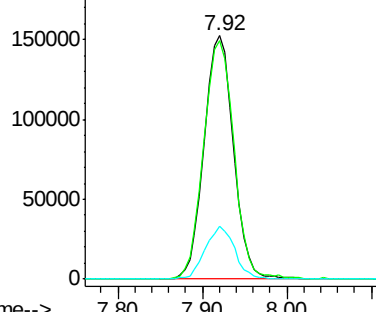


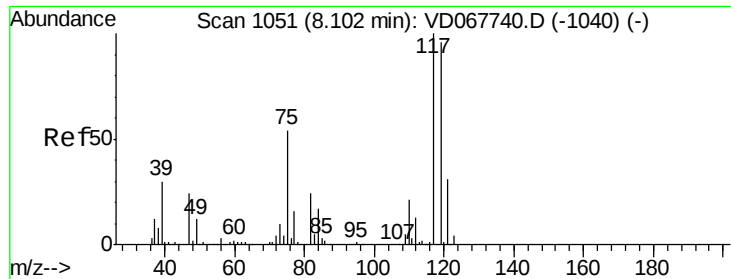
#35
 Dibromofluoromethane
 Concen: 49.011 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067808.D
 Acq: 30 Nov 2020 12:01

Tgt Ion:113 Resp: 366398
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.4 122.0
 192 21.7 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

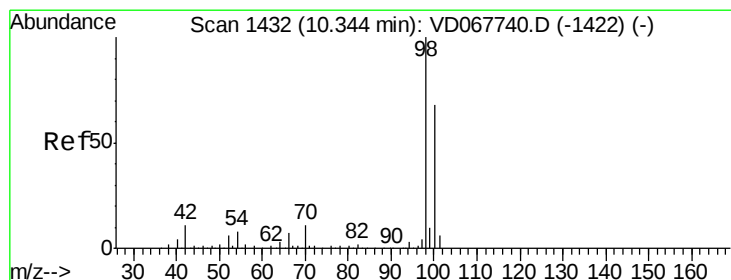
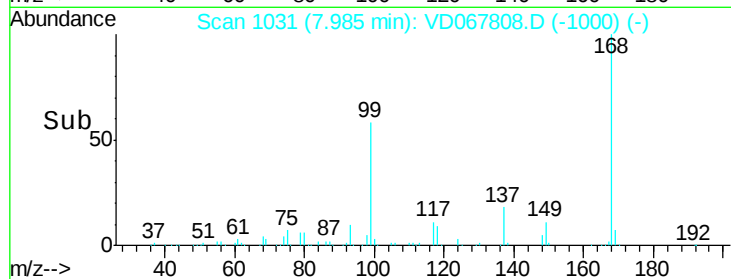
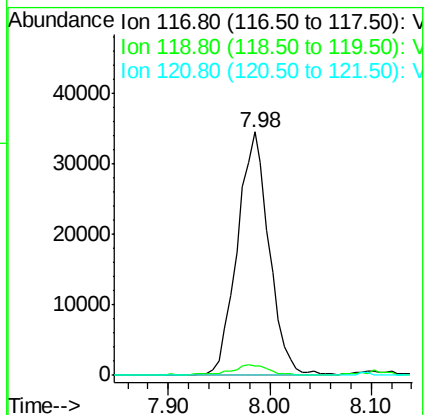
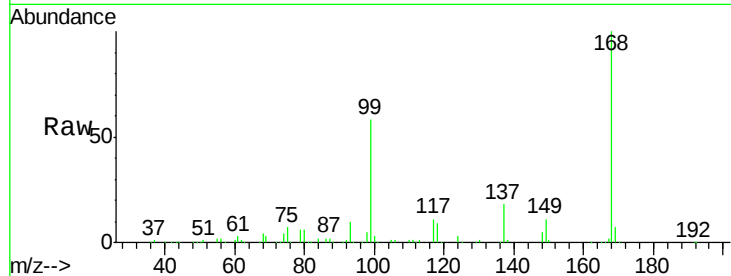




#38
Carbon Tetrachloride
Concen: 5.152 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD067808.D
Acq: 30 Nov 2020 12:01

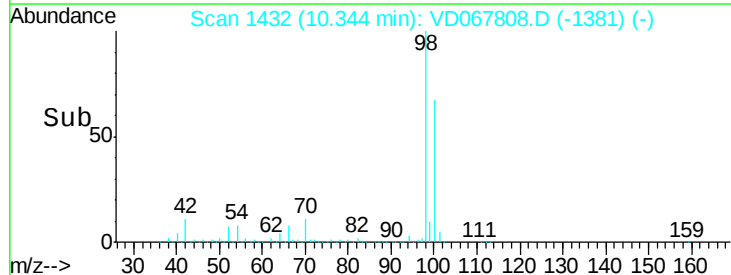
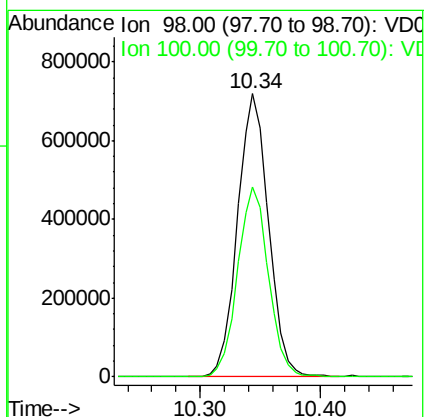
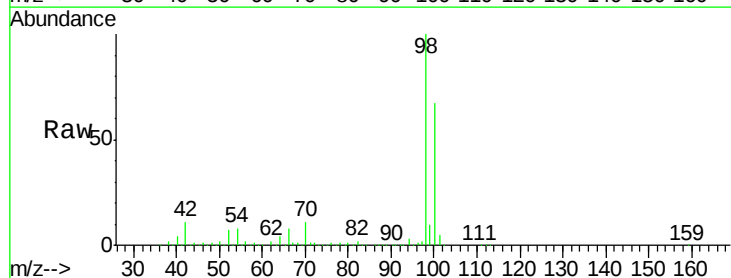
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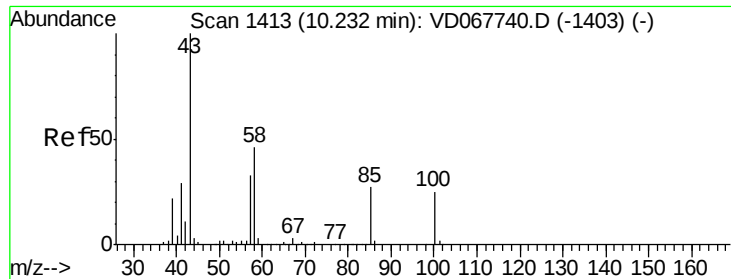
Tgt Ion:117 Resp: 75282
Ion Ratio Lower Upper
117 100
119 4.0 76.6 115.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 47.147 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067808.D
Acq: 30 Nov 2020 12:01

Tgt Ion: 98 Resp: 1288628
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

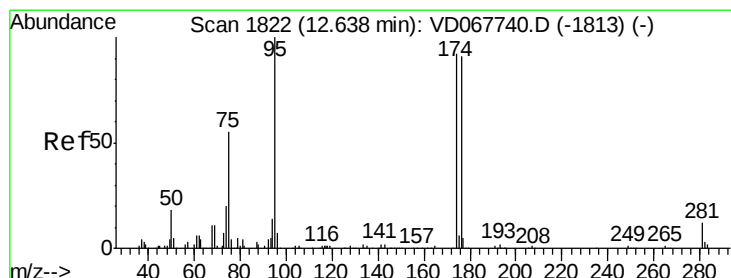
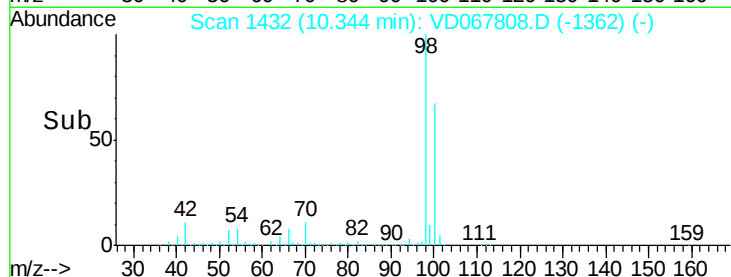
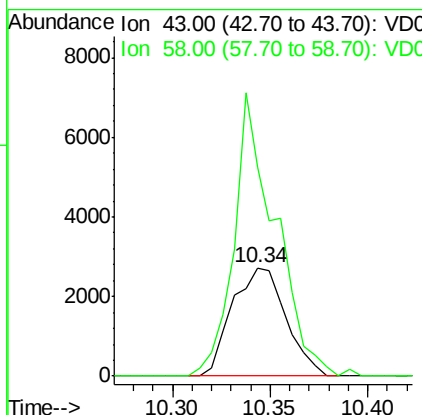
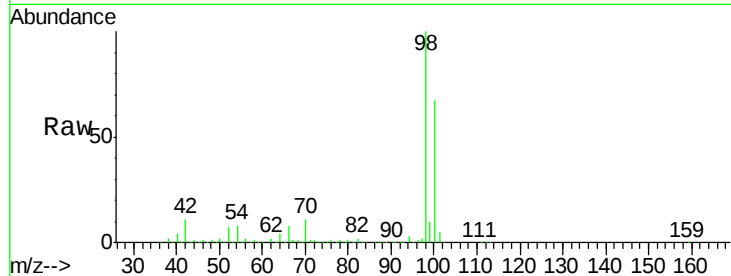




#51
 4-Methyl-2-Pentanone
 Concen: 2.033 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.11 min
 Lab File: VD067808.D
 Acq: 30 Nov 2020 12:01

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion: 43 Resp: 5177
 Ion Ratio Lower Upper
 43 100
 58 201.8 34.7 52.1#



#62
 4-Bromofluorobenzene
 Concen: 51.378 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067808.D
 Acq: 30 Nov 2020 12:01

Tgt Ion: 95 Resp: 479984
 Ion Ratio Lower Upper
 95 100
 174 92.9 0.0 182.4
 176 88.5 0.0 178.2

