

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111720\
 Data File : VD067663.D
 Acq On : 17 Nov 2020 15:31
 Operator : VA/SY
 Sample : L4771-08
 Misc : 5.53G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CD-BH-02-0-1

Quant Time: Nov 17 23:58:54 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	28806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	45459	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	53836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	27061	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	20446	81.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	162.34%	
35) Dibromofluoromethane	7.91	113	17077	62.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	124.70%	
50) Toluene-d8	10.34	98	55611	57.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	115.56%	
62) 4-Bromofluorobenzene	12.64	95	21311	64.13	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	128.26%	

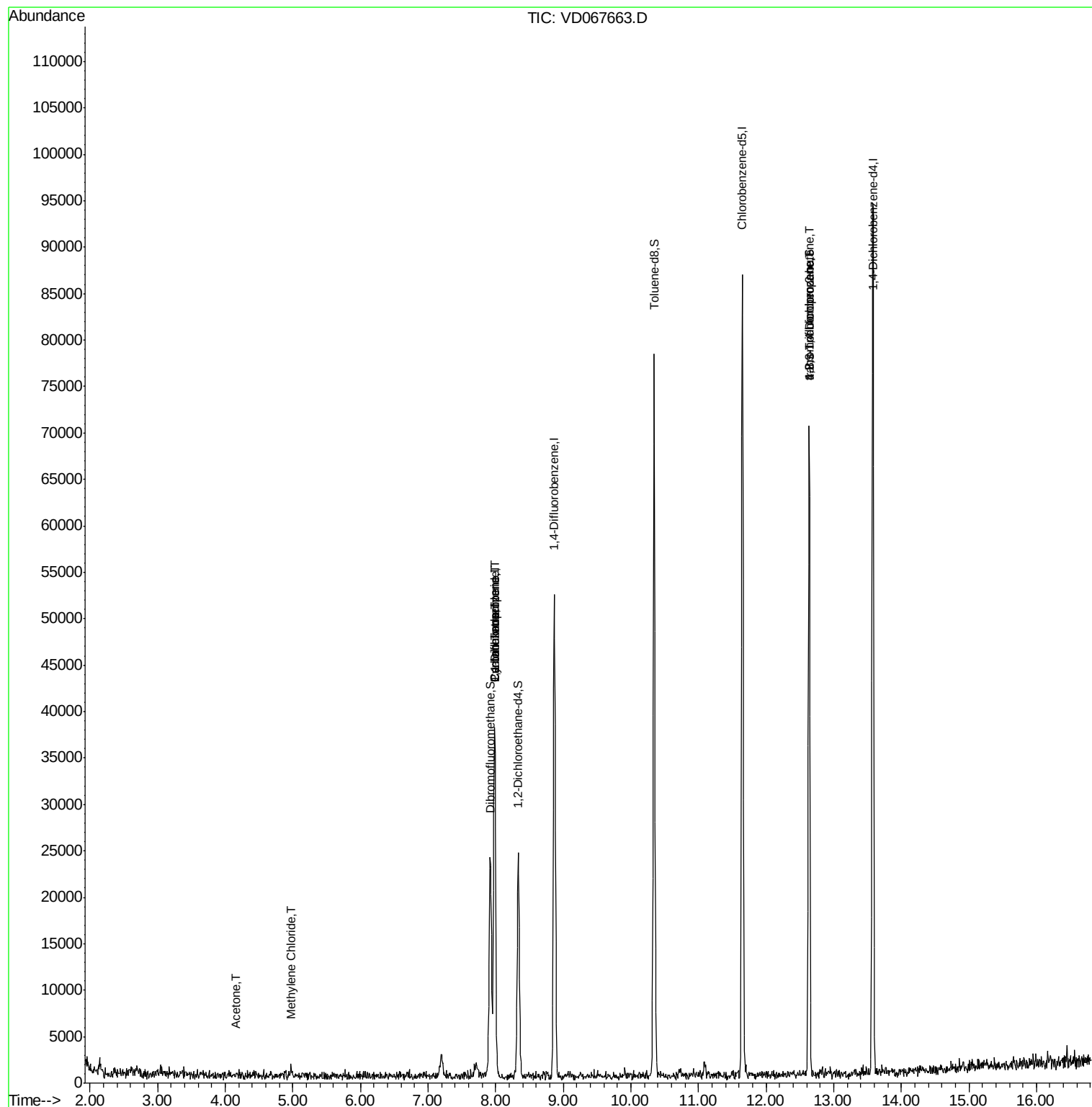
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.16	43	572	15.176	ug/l #	43
20) Methylene Chloride	4.97	84	482	1.810	ug/l #	31
31) Cyclohexane	7.98	56	568	1.555	ug/l #	64
36) 1,1-Dichloropropene	7.99	75	2230	5.731	ug/l #	42
38) Carbon Tetrachloride	7.99	117	3097	6.126	ug/l #	12
76) 1,2,3-Trichloropropane	12.64	75	11524	70.592	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	11524	143.321	ug/l #	10

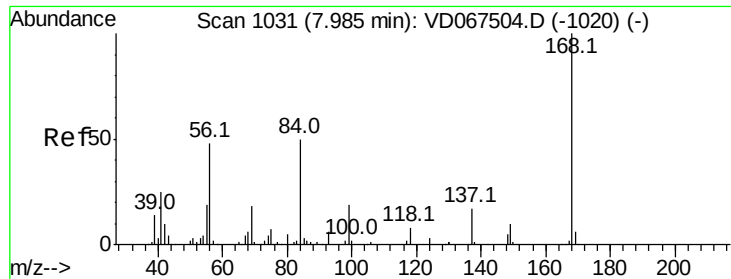
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 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: VD067663.D

Acq: 17 Nov 2020 15:31

Instrument :

MSVOA_D

ClientSampleId :

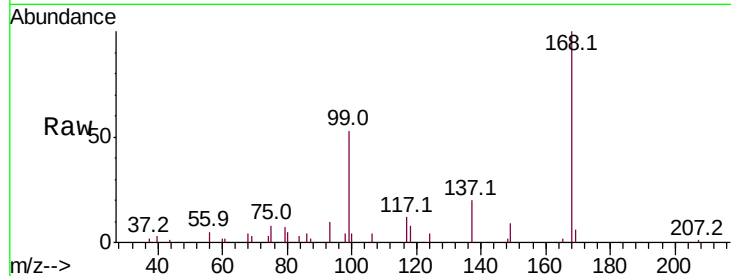
CD-BH-02-0-1

Tot Ion:168 Resp: 28806

Ion Ratio Lower Upper

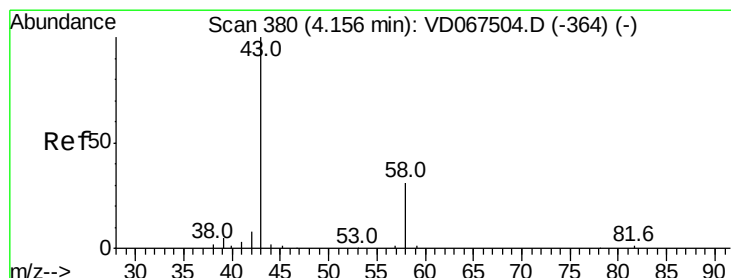
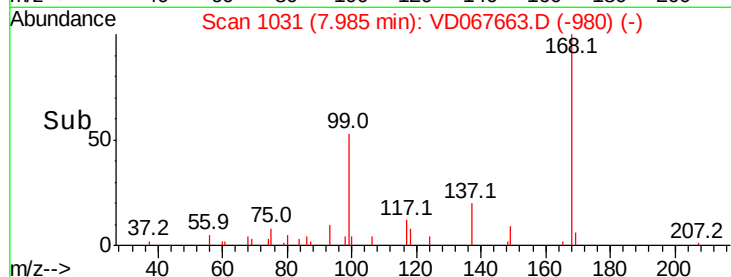
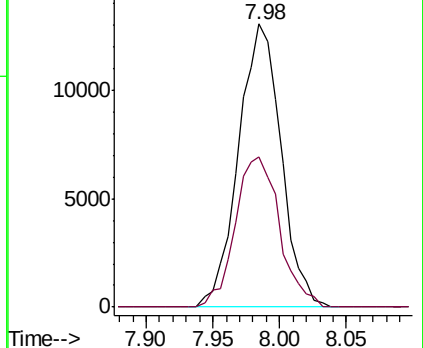
168 100

99 52.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 15.176 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067663.D

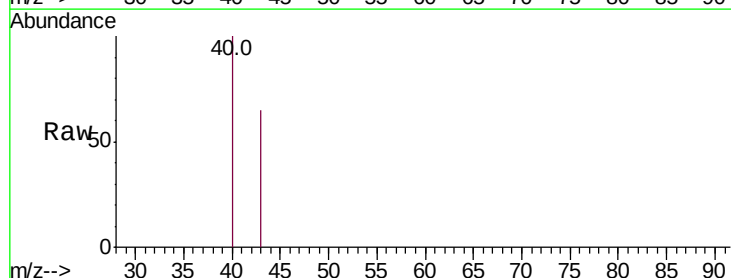
Acq: 17 Nov 2020 15:31

Tgt Ion: 43 Resp: 572

Ion Ratio Lower Upper

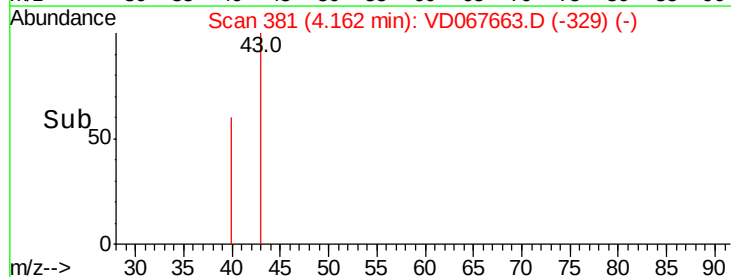
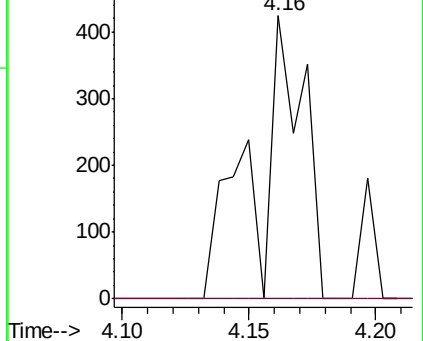
43 100

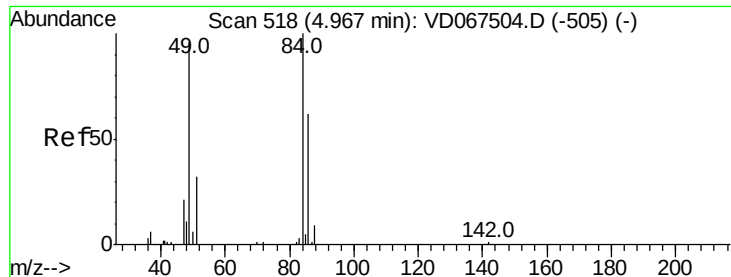
58 0.0 25.2 37.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

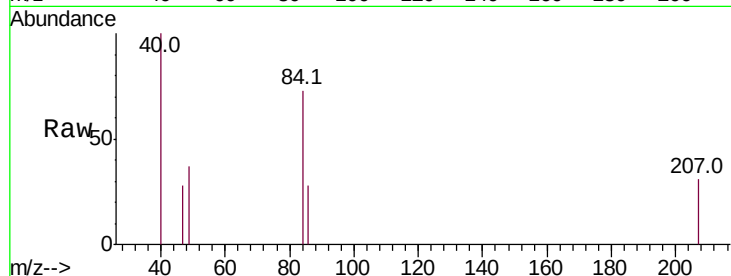




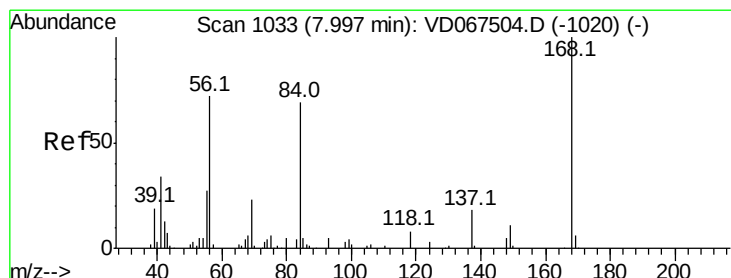
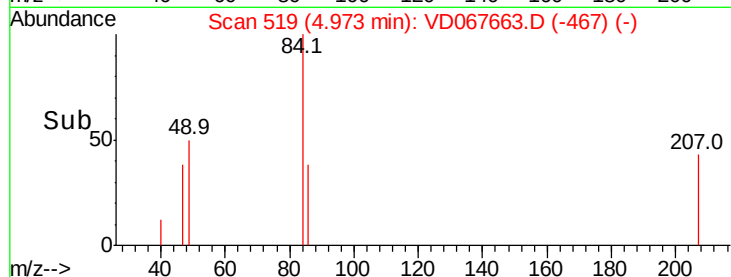
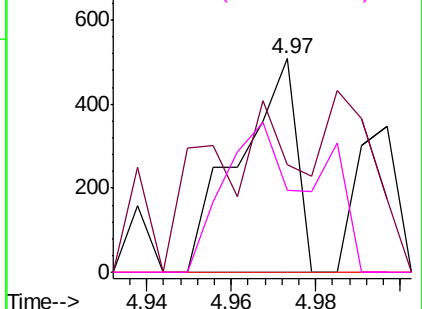
#20
Methylene Chloride
Concen: 1.810 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067663.D
Acq: 17 Nov 2020 15:31

Instrument :
MSVOA_D
ClientSampleId :
CD-BH-02-0-1

Tot Ion: 84 Resp: 482
Ion Ratio Lower Upper
84 100
49 0.0 77.0 115.4#
51 0.0 25.4 38.2#
86 38.4 49.4 74.0#

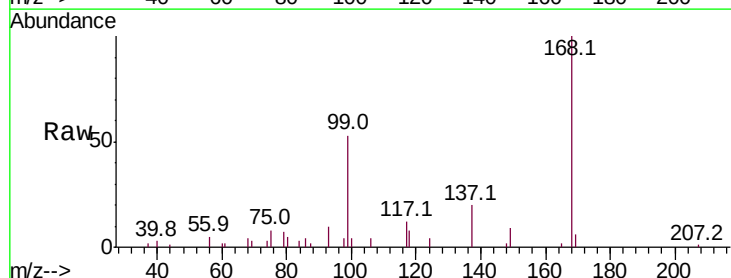


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

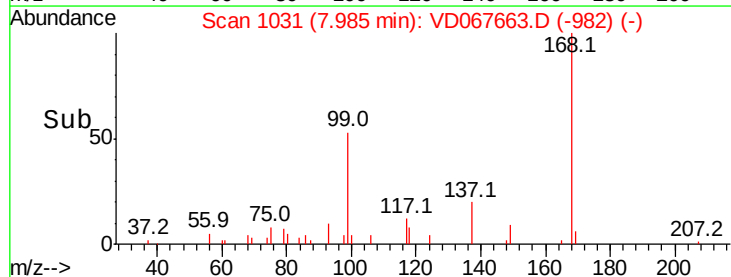
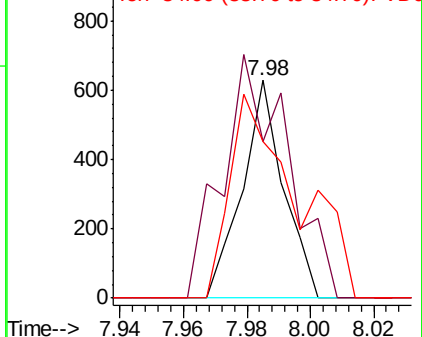


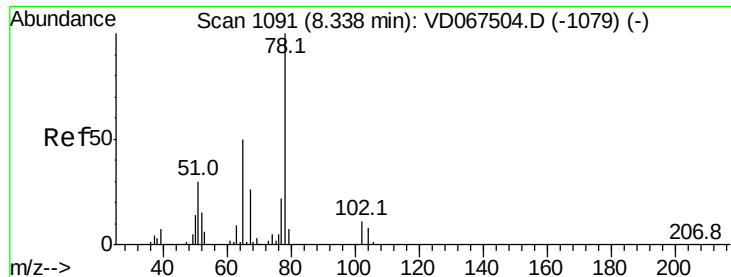
#31
Cyclohexane
Concen: 1.555 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067663.D
Acq: 17 Nov 2020 15:31

Tgt Ion: 56 Resp: 568
Ion Ratio Lower Upper
56 100
69 72.0 25.9 38.9#
84 71.7 76.2 114.4#



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

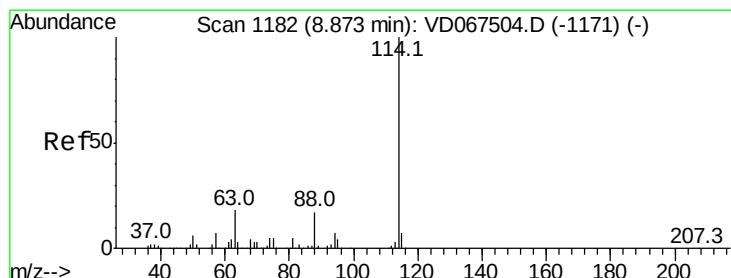
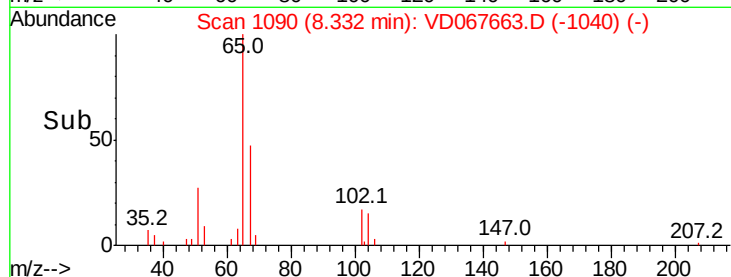
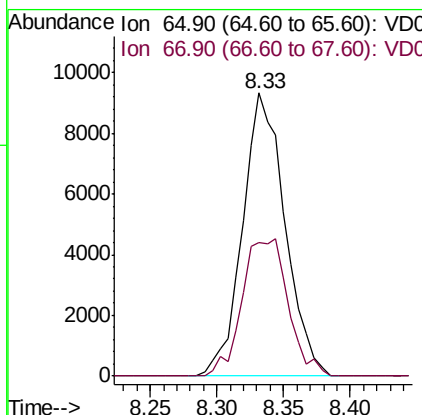
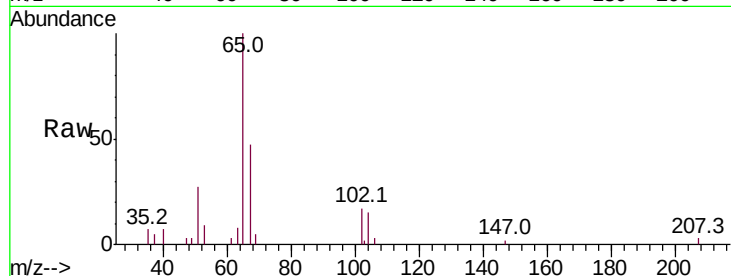




#33
 1,2-Dichloroethane-d4
 Concen: 81.175 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067663.D
 Acq: 17 Nov 2020 15:31

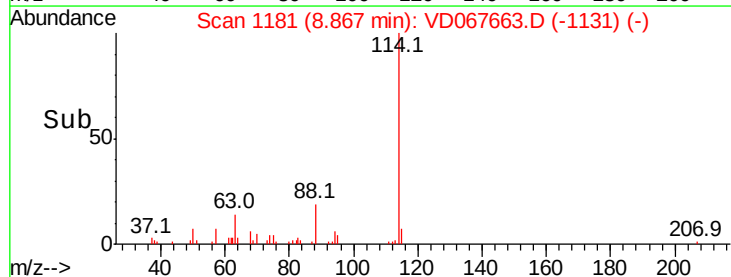
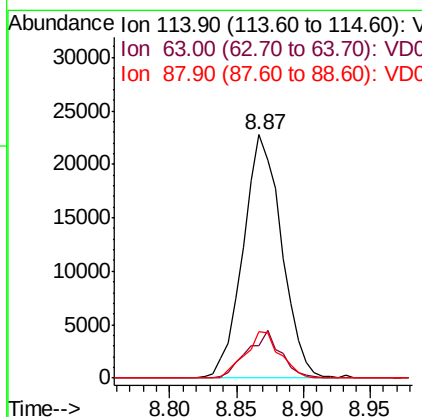
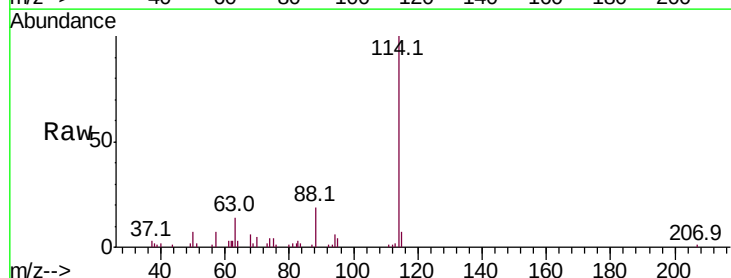
Instrument :
 MSVOA_D
 ClientSampleId :
 CD-BH-02-0-1

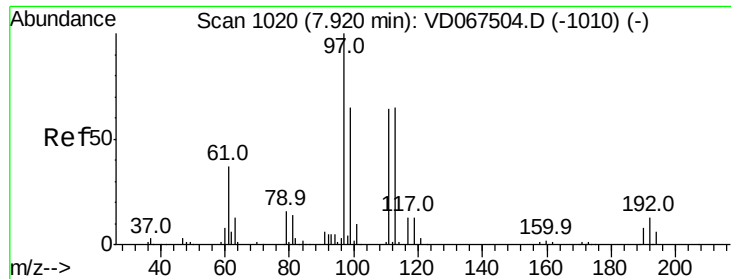
Tot Ion: 65 Resp: 20446
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067663.D
 Acq: 17 Nov 2020 15:31

Tgt Ion: 114 Resp: 45459
 Ion Ratio Lower Upper
 114 100
 63 13.5 0.0 35.0
 88 19.2 0.0 33.0

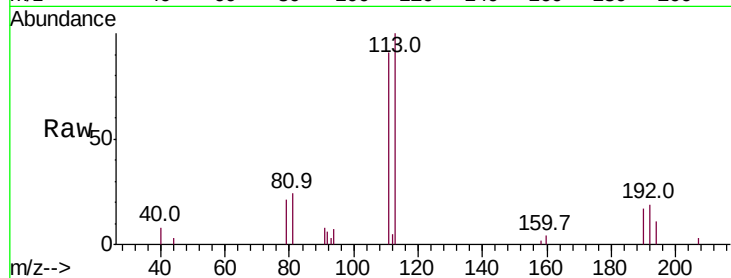




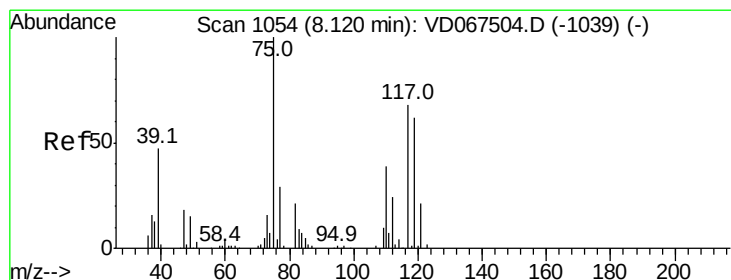
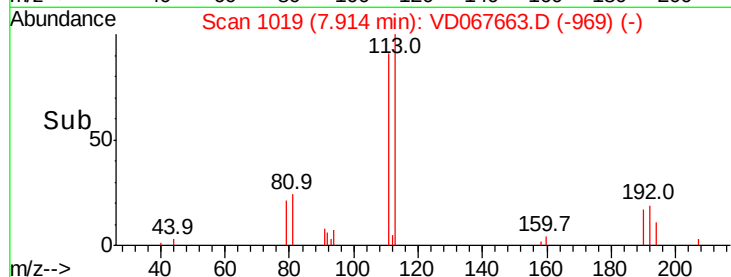
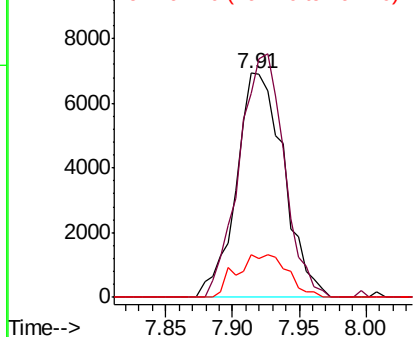
#35
 Dibromofluoromethane
 Concen: 62.350 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD067663.D
 Acq: 17 Nov 2020 15:31

Instrument :
 MSVOA_D
 ClientSampleId :
 CD-BH-02-0-1

Tot Ion:113 Resp: 17077
 Ion Ratio Lower Upper
 113 100
 111 102.9 80.0 120.0
 192 20.6 16.3 24.5

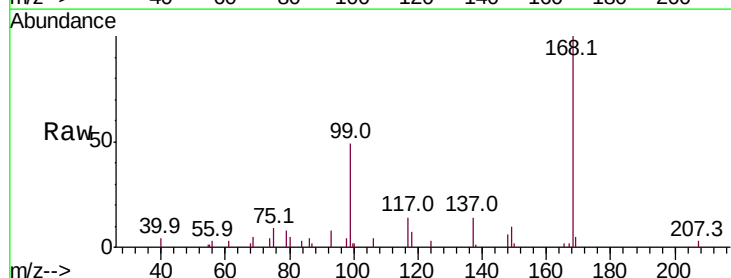


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

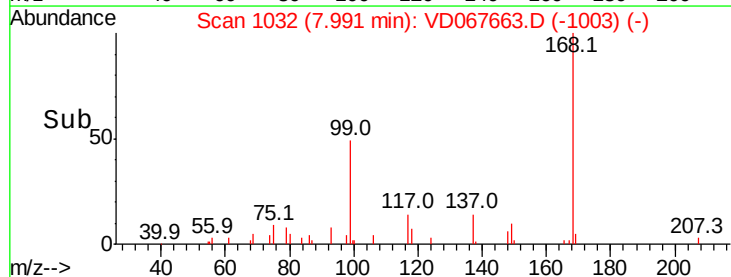
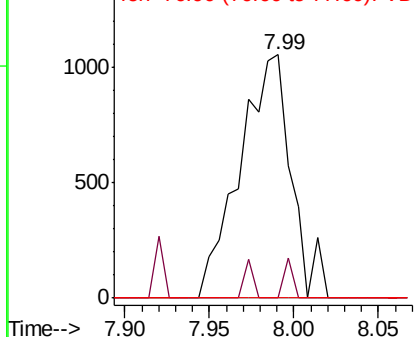


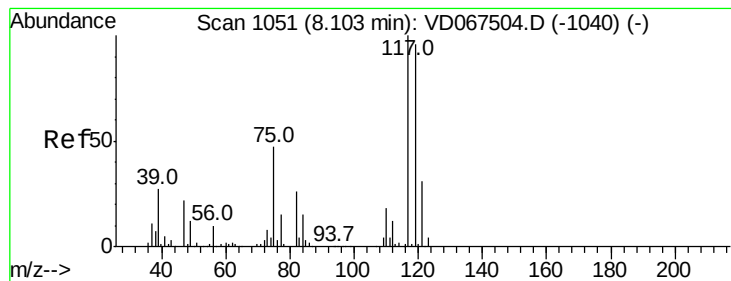
#36
 1,1-Dichloropropene
 Concen: 5.731 ug/l
 RT: 7.99 min Scan# 1032
 Delta R.T. -0.13 min
 Lab File: VD067663.D
 Acq: 17 Nov 2020 15:31

Tgt Ion: 75 Resp: 2230
 Ion Ratio Lower Upper
 75 100
 110 2.7 19.9 59.7#
 77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VDC





#38

Carbon Tetrachloride

Concen: 6.126 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. -0.11 min

Lab File: VD067663.D

Acq: 17 Nov 2020 15:31

Instrument :

MSVOA_D

ClientSampleId :

CD-BH-02-0-1

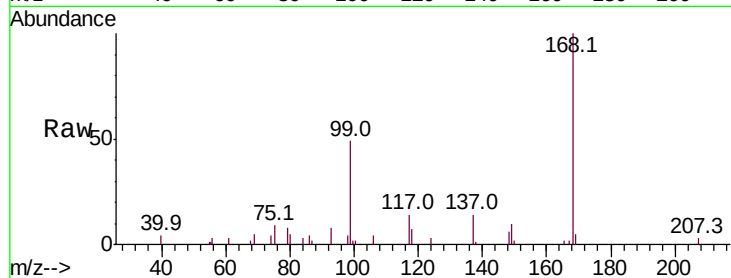
Tot Ion:117 Resp: 3097

Ion Ratio Lower Upper

117 100

119 0.0 76.9 115.3#

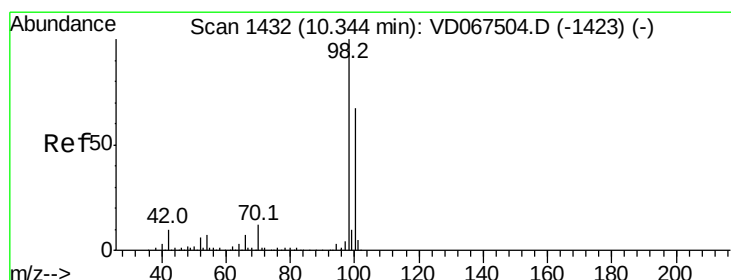
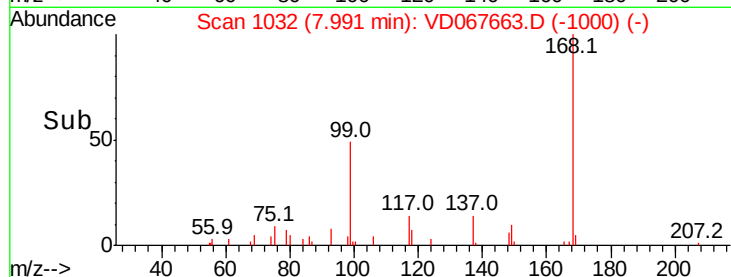
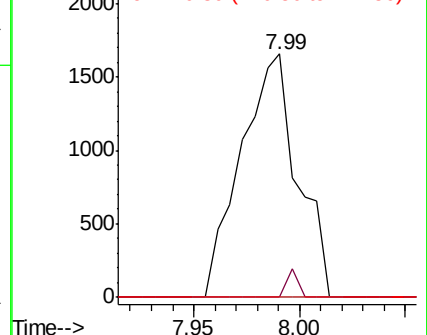
121 0.0 24.5 36.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 57.777 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067663.D

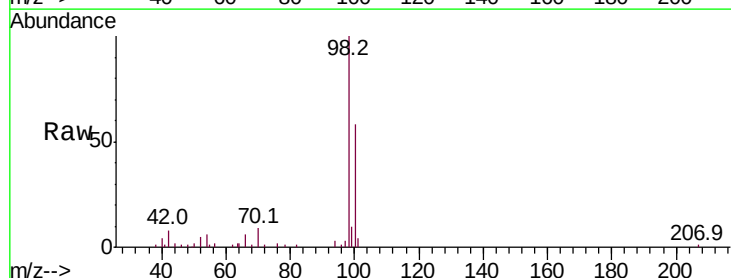
Acq: 17 Nov 2020 15:31

Tgt Ion: 98 Resp: 55611

Ion Ratio Lower Upper

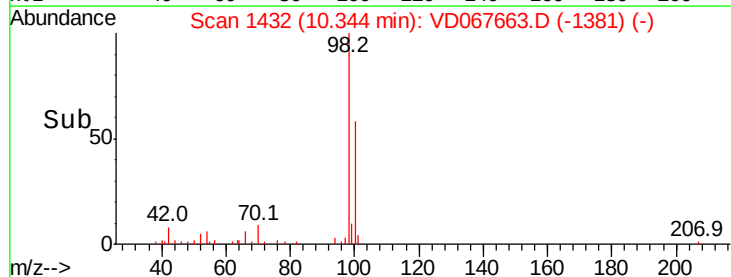
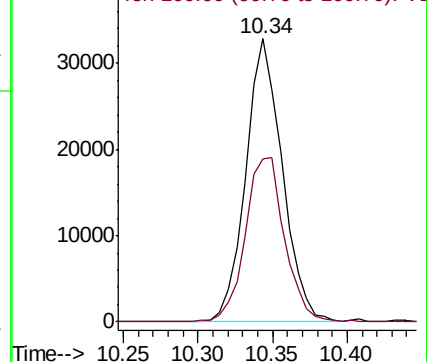
98 100

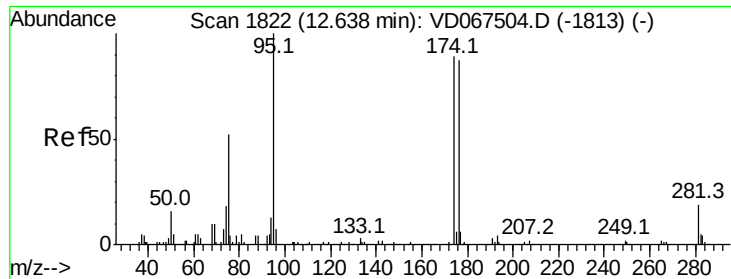
100 62.3 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

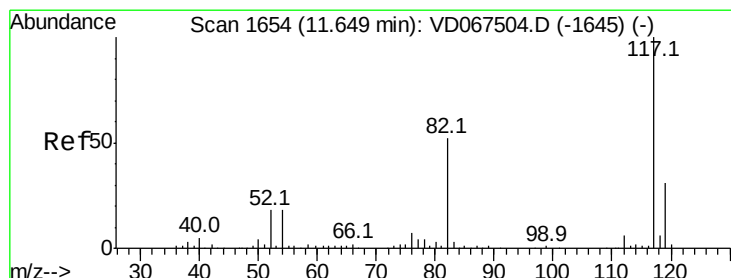
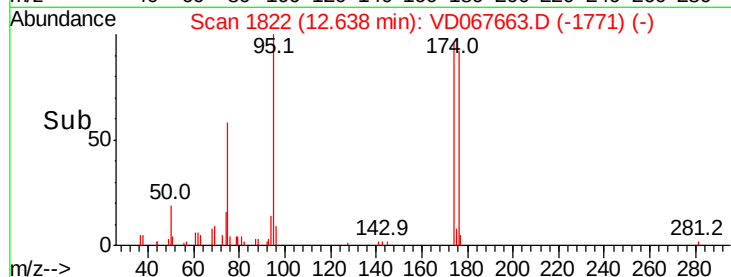
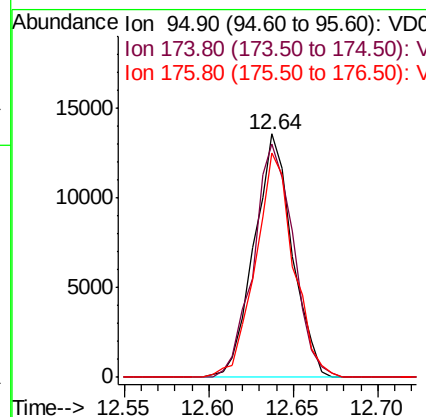
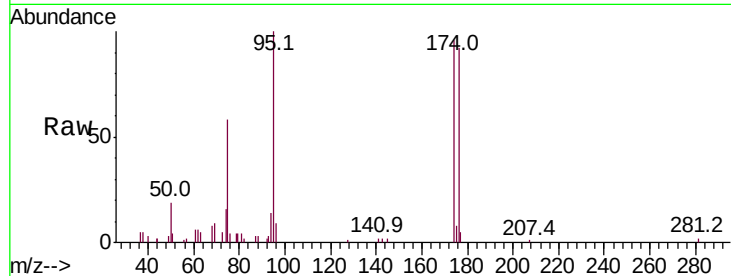




#62
4-Bromofluorobenzene
Concen: 64.131 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067663.D
Acq: 17 Nov 2020 15:31

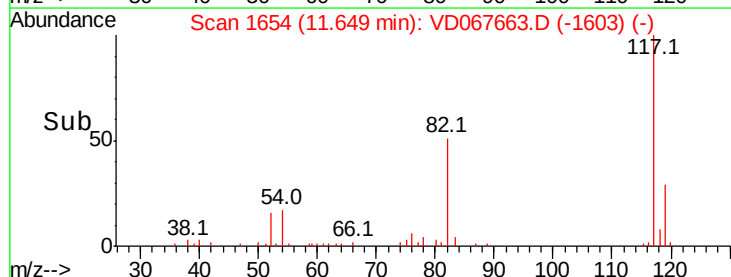
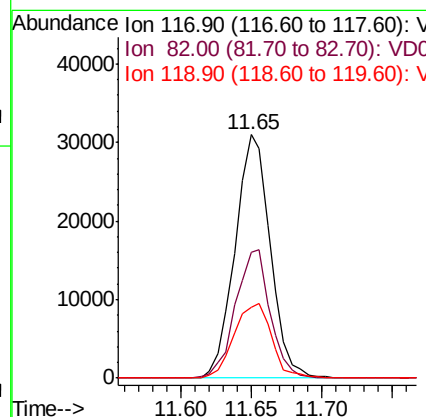
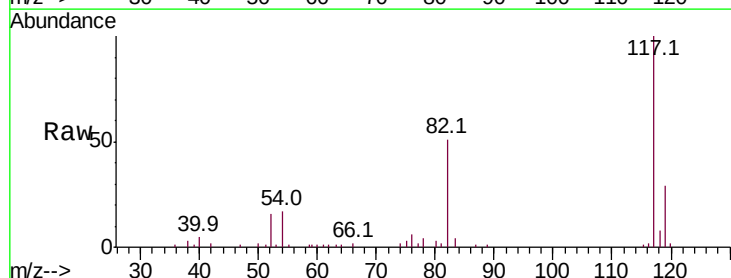
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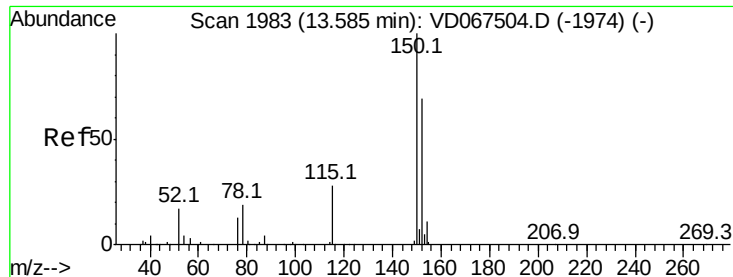
Tot Ion: 95 Resp: 21311
Ion Ratio Lower Upper
95 100
174 100.4 0.0 177.8
176 92.5 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067663.D
Acq: 17 Nov 2020 15:31

Tgt Ion: 117 Resp: 53836
Ion Ratio Lower Upper
117 100
82 51.4 41.6 62.4
119 29.1 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD067663.D

Acq: 17 Nov 2020 15:31

Instrument :

MSVOA_D

ClientSampleId :

CD-BH-02-0-1

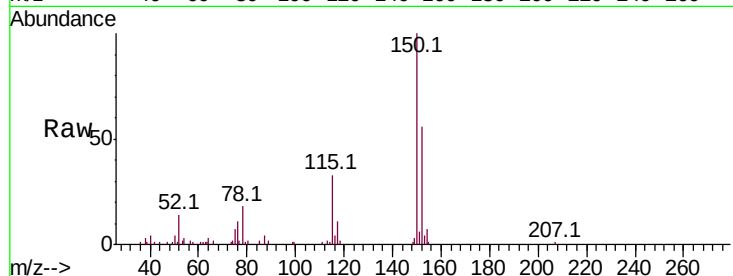
Tot Ion:152 Resp: 27061

Ion Ratio Lower Upper

152 100

115 64.7 29.3 88.0

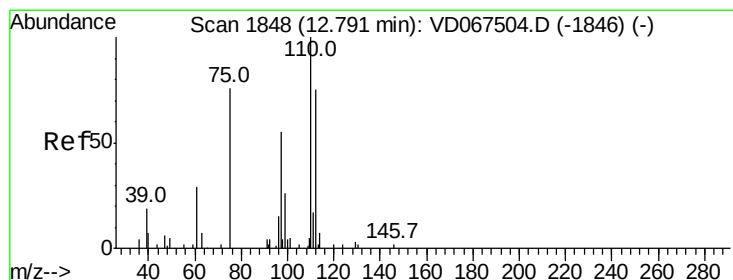
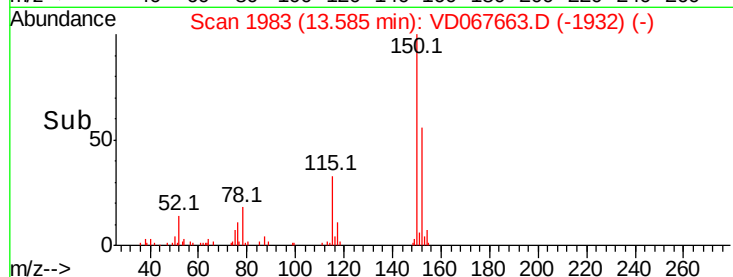
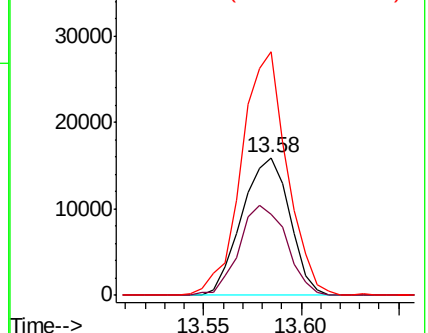
150 168.0 0.0 338.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 70.592 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067663.D

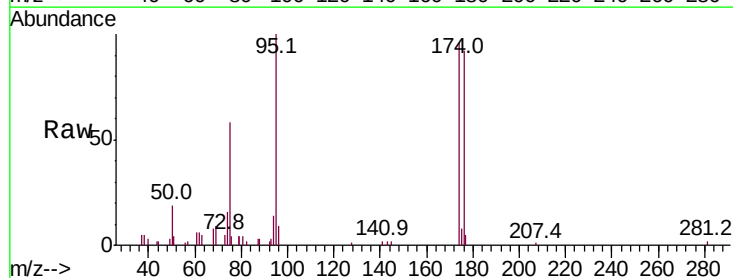
Acq: 17 Nov 2020 15:31

Tgt Ion: 75 Resp: 11524

Ion Ratio Lower Upper

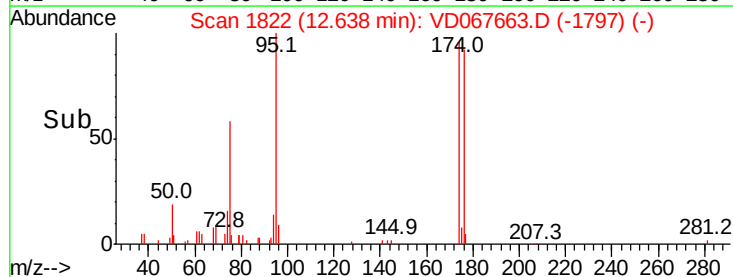
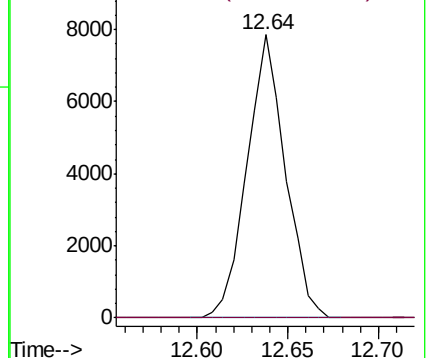
75 100

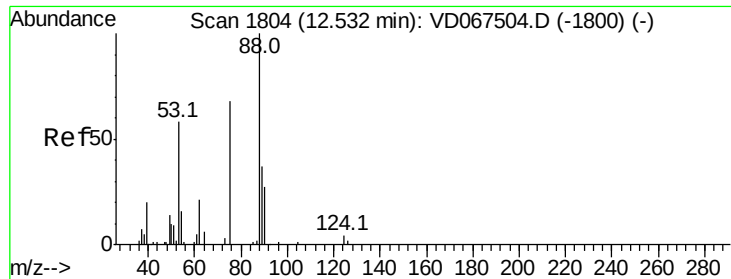
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 143.321 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067663.D

Acq: 17 Nov 2020 15:31

Instrument :

MSVOA_D

ClientSampleId :

CD-BH-02-0-1

Tot Ion: 75 Resp: 11524

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.0 44.6 67.0#

