

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111220\
 Data File : VD067627.D
 Acq On : 12 Nov 2020 17:03
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-LA-33-3-WC

Quant Time: Nov 13 00:31:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

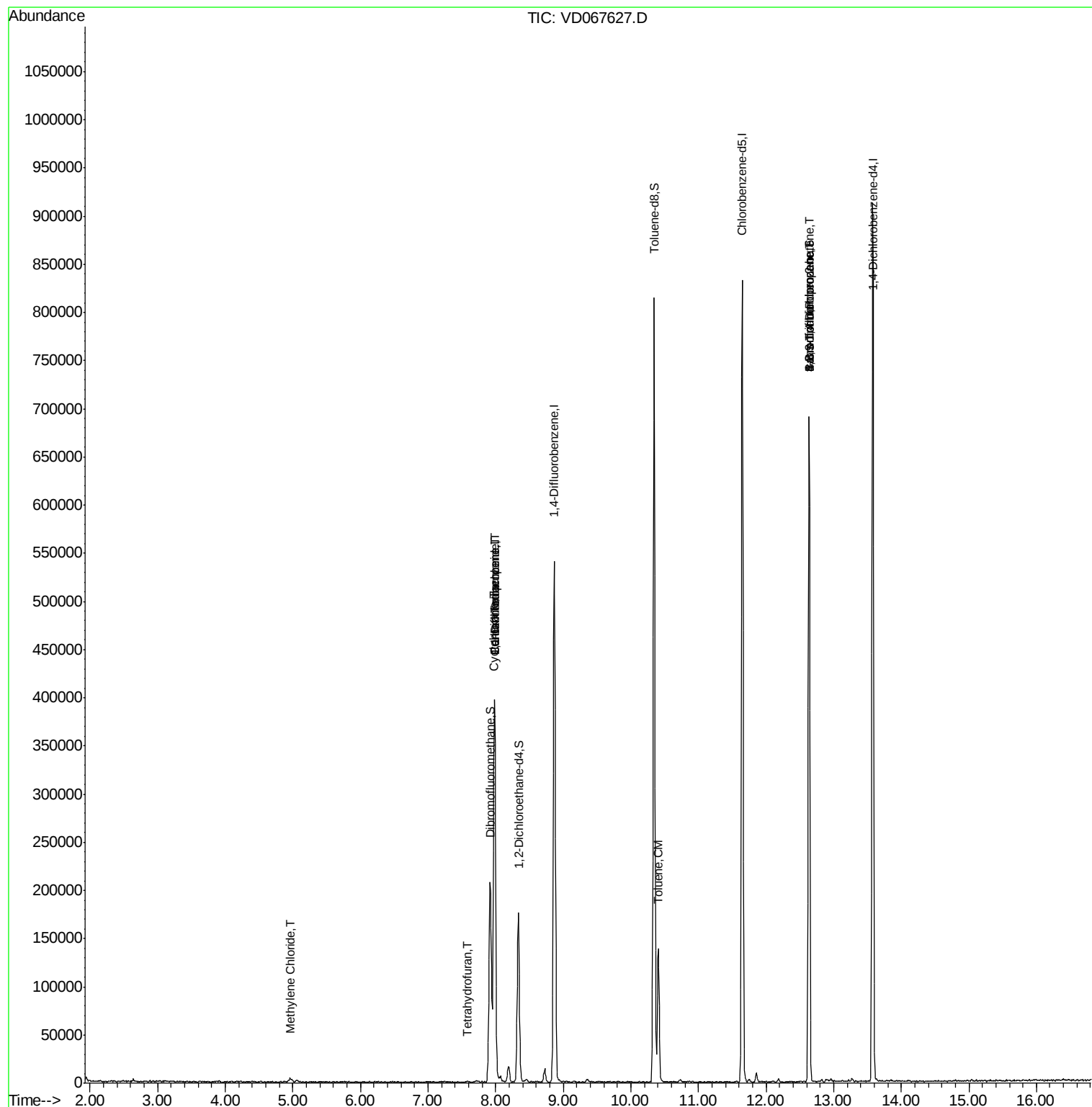
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	305823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	482657	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	501525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	252855	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	146191	54.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.34%	
35) Dibromofluoromethane	7.91	113	152593	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
50) Toluene-d8	10.34	98	565442	55.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.66%	
62) 4-Bromofluorobenzene	12.64	95	219011	62.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.14%	
Target Compounds						
				Qvalue		
2) Dichlorodifluoromethane	1.99	85	223	Below Cal	#	44
20) Methylene Chloride	4.96	84	3532	1.250	ug/l #	82
29) Tetrahydrofuran	7.57	42	300	1.171	ug/l #	44
31) Cyclohexane	7.97	56	7930	2.045	ug/l #	47
36) 1,1-Dichloropropene	7.98	75	21128	5.114	ug/l #	50
38) Carbon Tetrachloride	7.98	117	30679	5.715	ug/l #	16
52) Toluene	10.41	92	60829	8.115	ug/l	96
71) Bromoform	12.64	173	2190	1.128	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	113032	74.102	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	113032	150.446	ug/l #	10

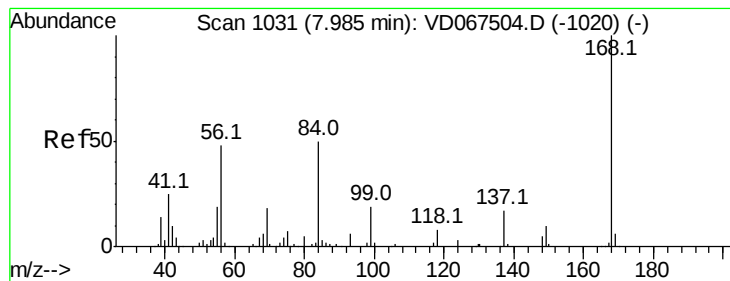
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111220\
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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: VD067627.D

Acq: 12 Nov 2020 17:03

Instrument :

MSVOA_D

ClientSampleId :

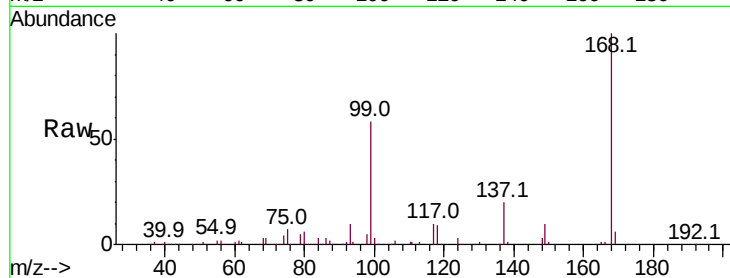
R-LA-33-3-WC

Tot Ion:168 Resp: 305823

Ion Ratio Lower Upper

168 100

99 57.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

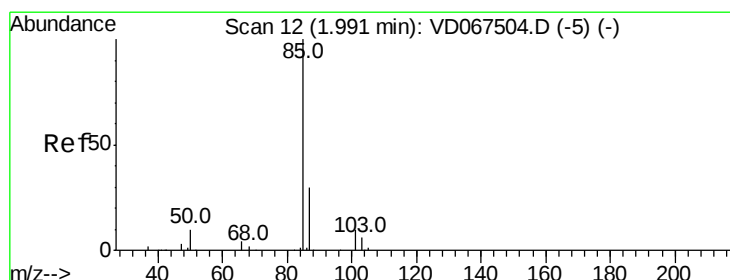
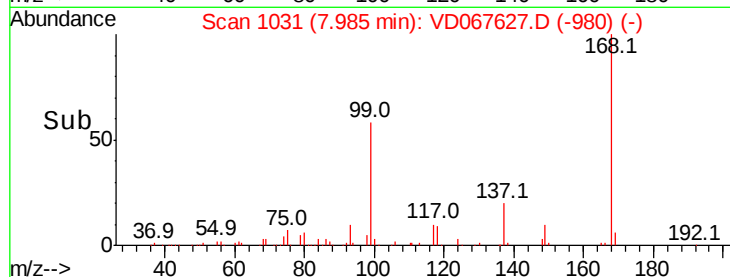
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD067627.D

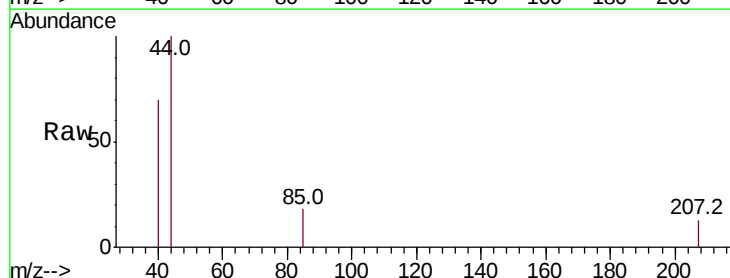
Acq: 12 Nov 2020 17:03

Tgt Ion: 85 Resp: 223

Ion Ratio Lower Upper

85 100

87 0.0 15.3 45.8#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

250

200

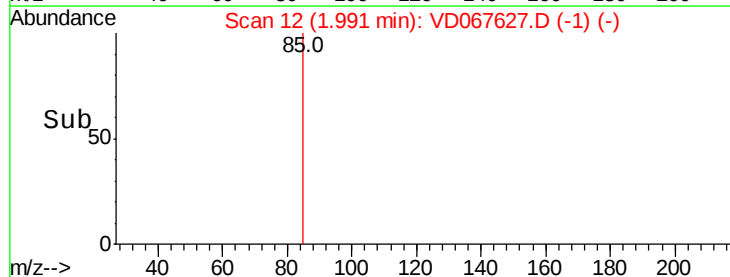
150

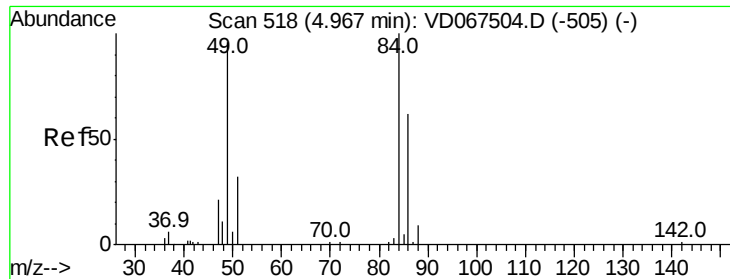
100

50

0

Time-->

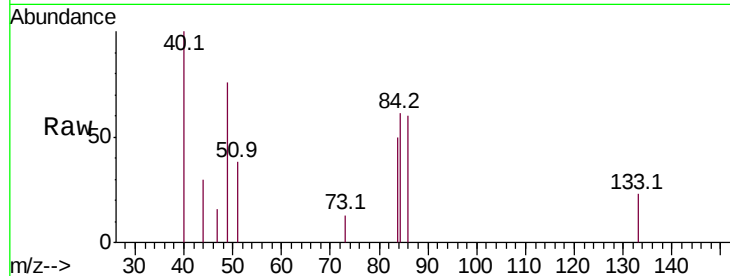




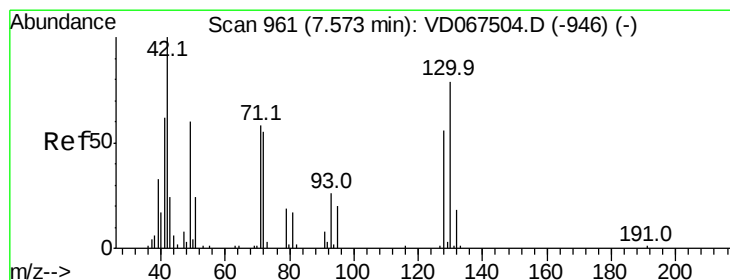
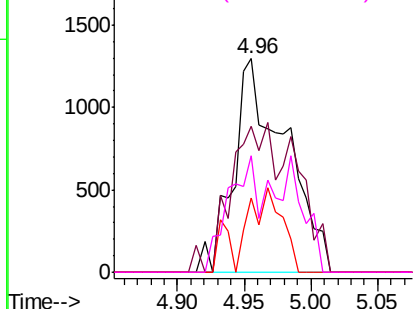
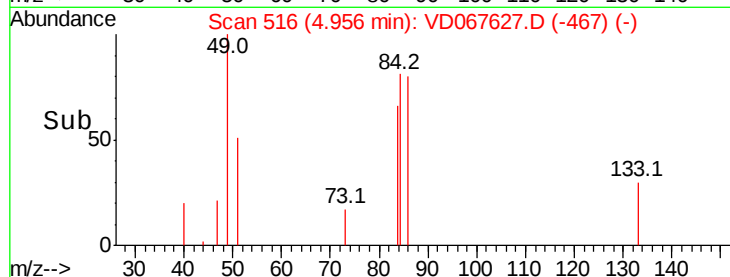
#20
Methvlene Chloride
Concen: 1.250 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD067627.D
Acq: 12 Nov 2020 17:03

Instrument :
MSVOA_D
ClientSampleId :
R-LA-33-3-WC

Tot Ion: 84 Resp: 3532
Ion Ratio Lower Upper
84 100
49 68.2 77.0 115.4#
51 34.6 25.4 38.2
86 54.4 49.4 74.0

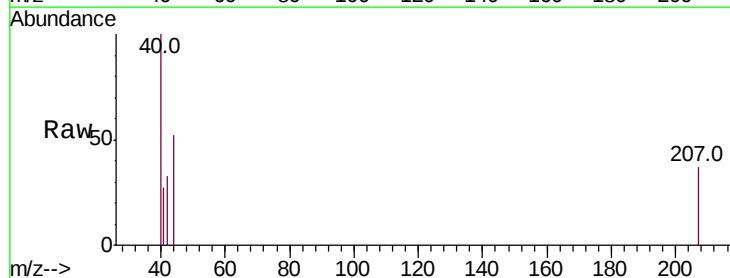


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

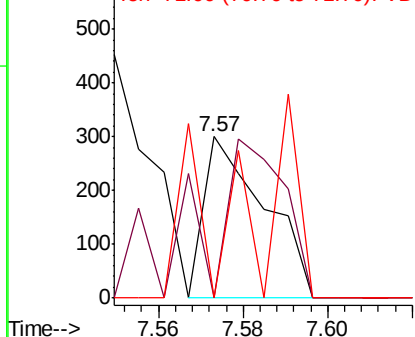
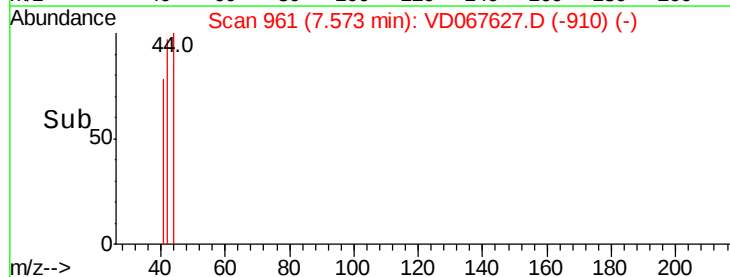


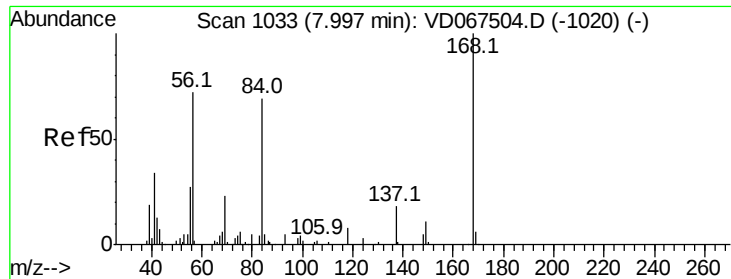
#29
Tetrahydrofuran
Concen: 1.171 ug/l
RT: 7.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: VD067627.D
Acq: 12 Nov 2020 17:03

Tgt Ion: 42 Resp: 300
Ion Ratio Lower Upper
42 100
72 116.3 46.3 69.5#
71 32.3 44.0 66.0#



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

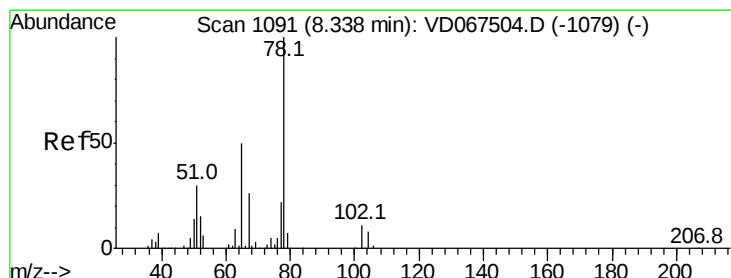
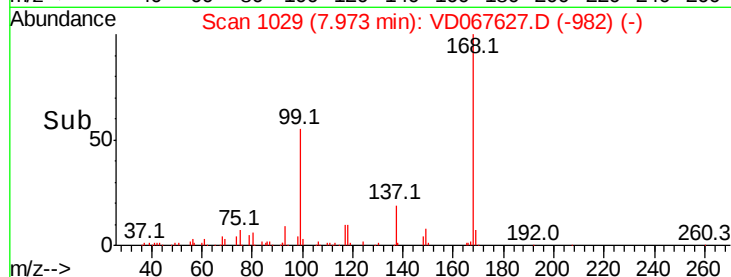
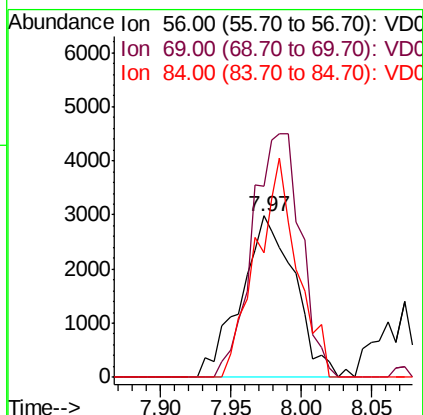
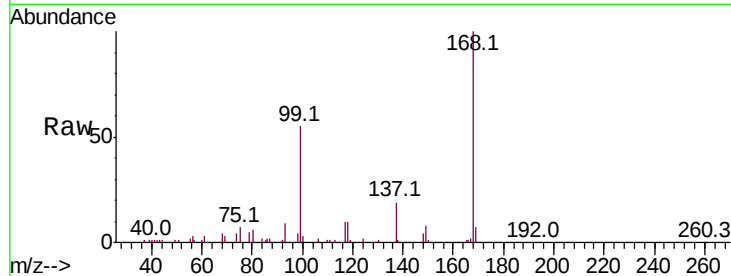




#31
Cyclohexane
Concen: 2.045 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.02 min
Lab File: VD067627.D
Acq: 12 Nov 2020 17:03

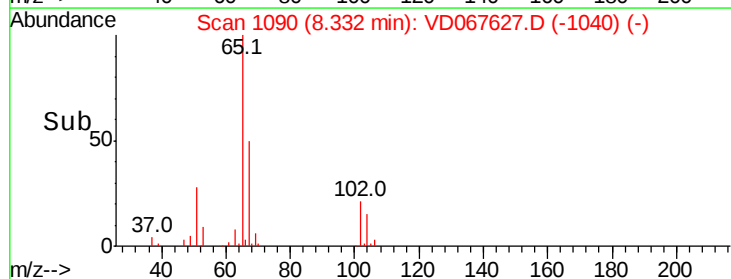
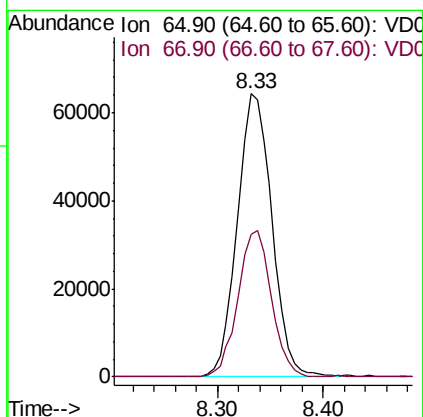
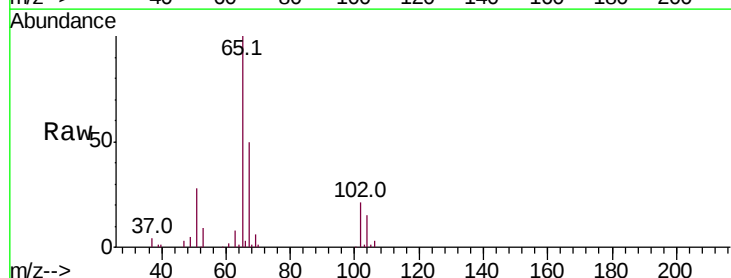
Instrument :
MSVOA_D
ClientSampleId :
R-LA-33-3-WC

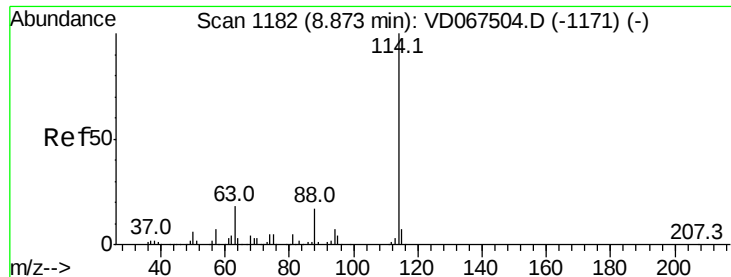
Tot Ion: 56 Resp: 7930
Ion Ratio Lower Upper
56 100
69 118.3 25.9 38.9#
84 76.9 76.2 114.4



#33
1,2-Dichloroethane-d4
Concen: 54.670 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD067627.D
Acq: 12 Nov 2020 17:03

Tgt Ion: 65 Resp: 146191
Ion Ratio Lower Upper
65 100
67 50.1 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: VD067627.D

Acq: 12 Nov 2020 17:03

Instrument :

MSVOA_D

ClientSampleId :

R-LA-33-3-WC

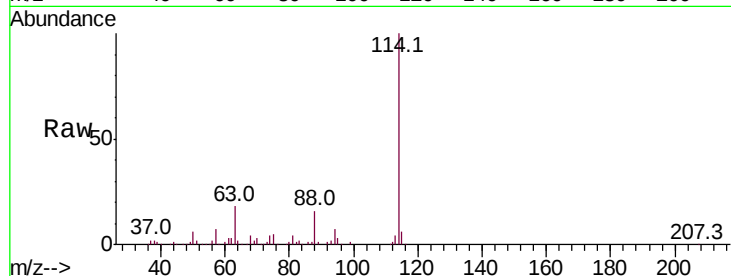
Tot Ion:114 Resp: 482657

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

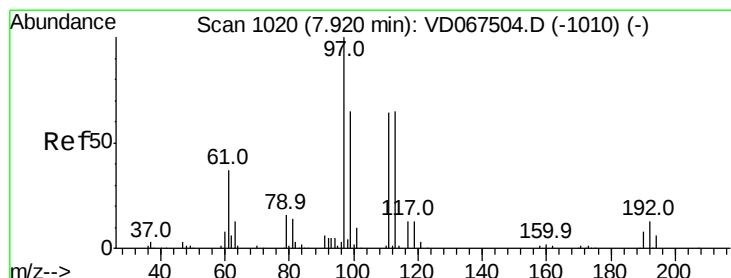
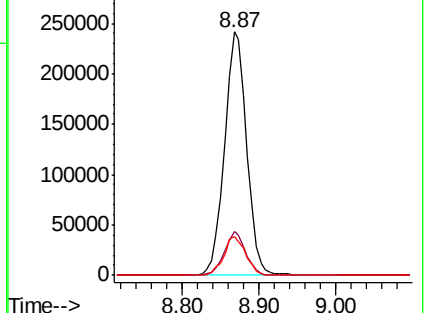
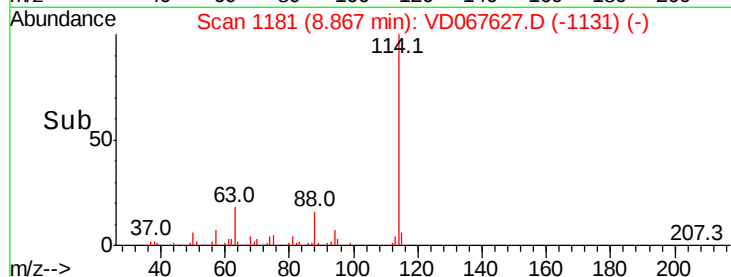
88 15.9 0.0 33.0



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: 52.474 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD067627.D

Acq: 12 Nov 2020 17:03

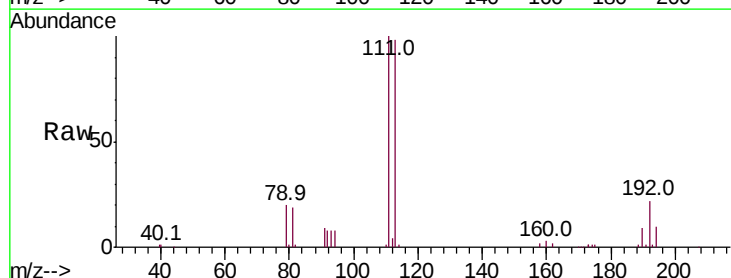
Tgt Ion:113 Resp: 152593

Ion Ratio Lower Upper

113 100

111 103.3 80.0 120.0

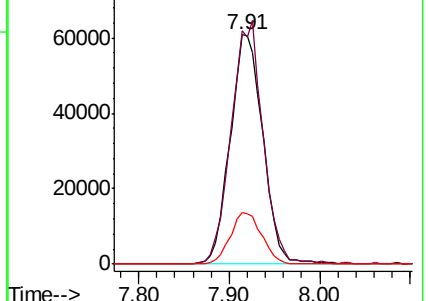
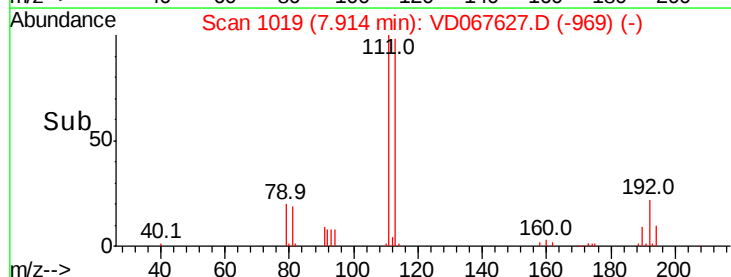
192 21.7 16.3 24.5

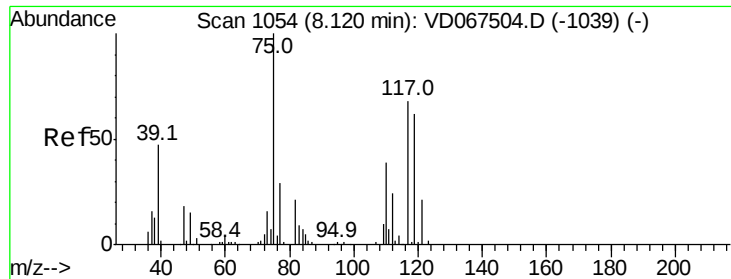


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.114 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD067627.D

Acq: 12 Nov 2020 17:03

Instrument :

MSVOA_D

ClientSampleId :

R-LA-33-3-WC

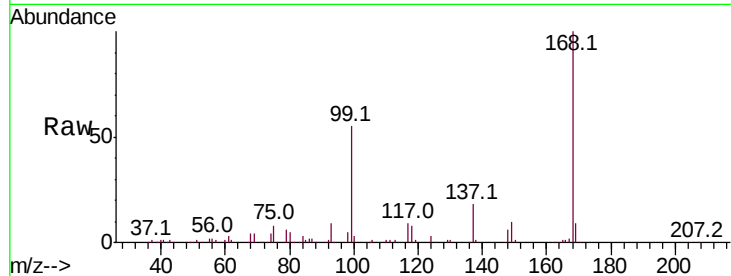
Tot Ion: 75 Resp: 21128

Ion Ratio Lower Upper

75 100

110 11.9 19.9 59.7#

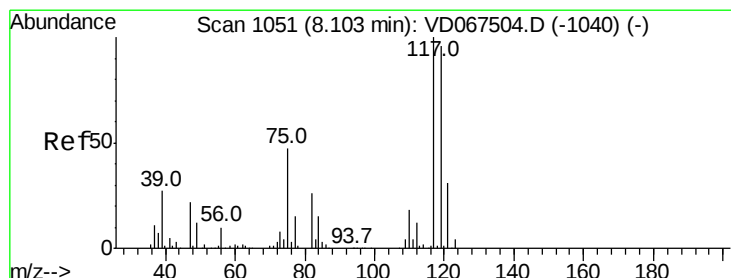
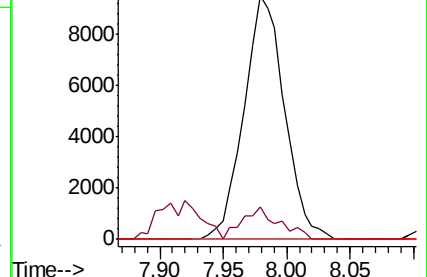
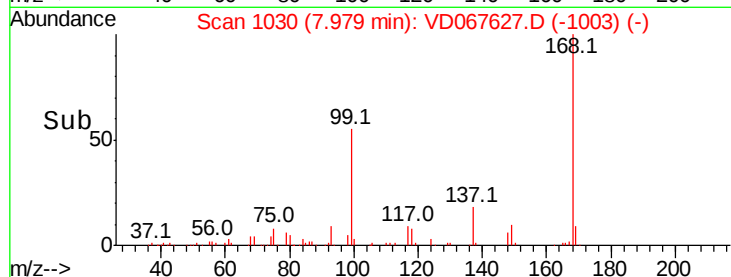
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V



#38

Carbon Tetrachloride

Concen: 5.715 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD067627.D

Acq: 12 Nov 2020 17:03

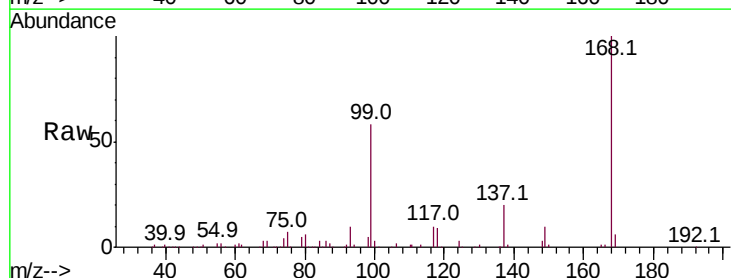
Tgt Ion: 117 Resp: 30679

Ion Ratio Lower Upper

117 100

119 5.0 76.9 115.3#

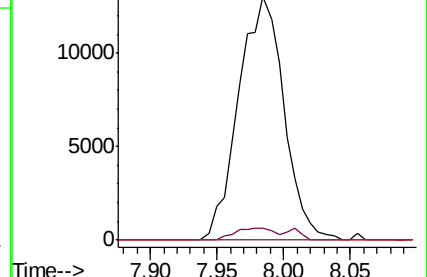
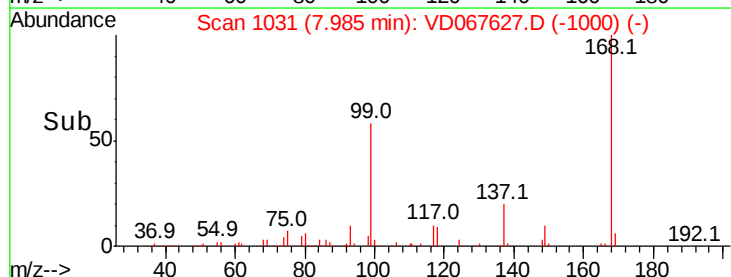
121 0.0 24.5 36.7#

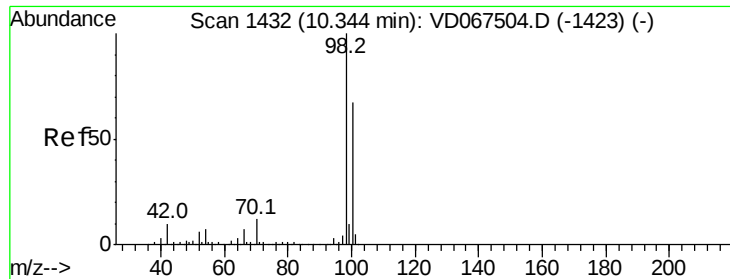


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

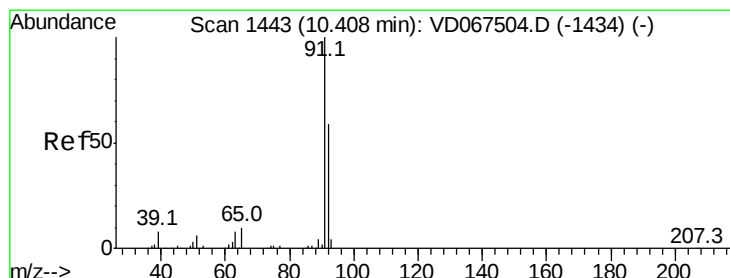
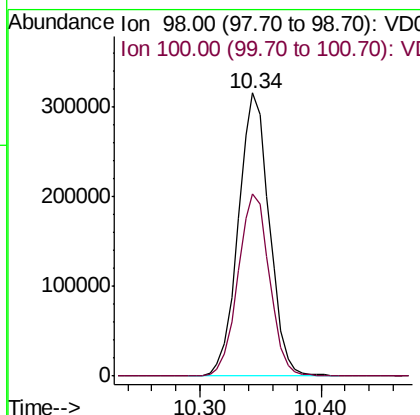
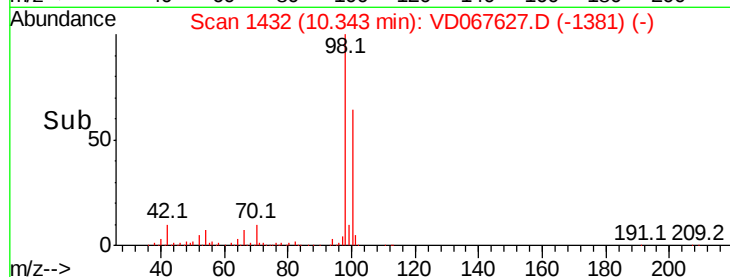
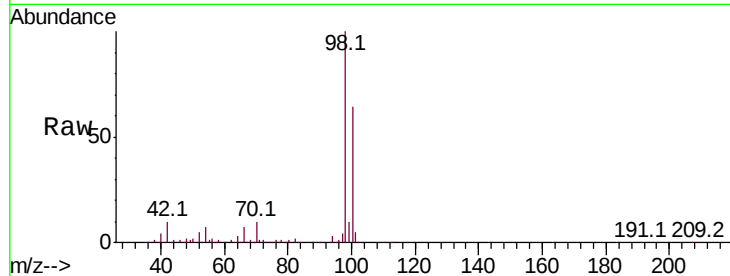




#50
Toluene-d8
Concen: 55.330 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067627.D
Acq: 12 Nov 2020 17:03

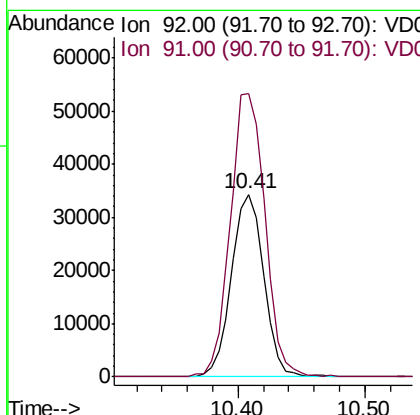
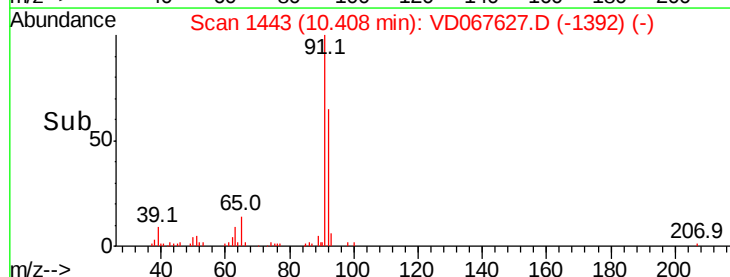
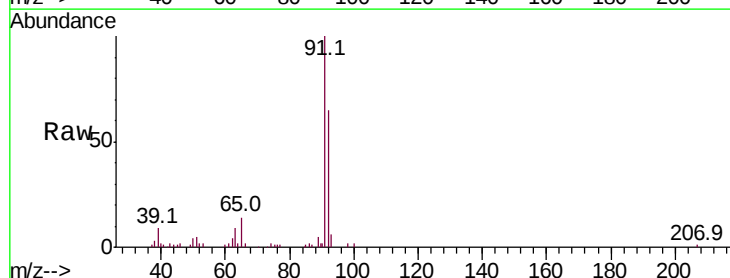
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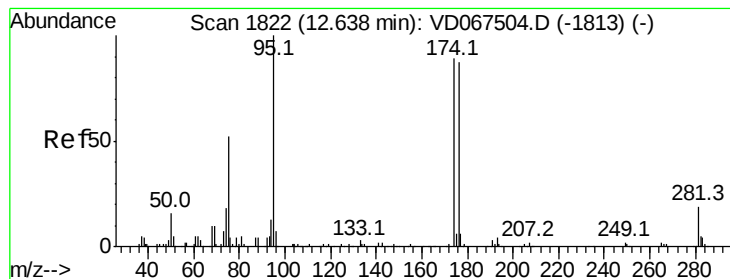
Tot Ion: 98 Resp: 565442
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.6



#52
Toluene
Concen: 8.115 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD067627.D
Acq: 12 Nov 2020 17:03

Tgt Ion: 92 Resp: 60829
Ion Ratio Lower Upper
92 100
91 165.8 137.0 205.6





#62

4-Bromofluorobenzene

Concen: 62.074 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067627.D

Acq: 12 Nov 2020 17:03

Instrument :

MSVOA_D

ClientSampleId :

R-LA-33-3-WC

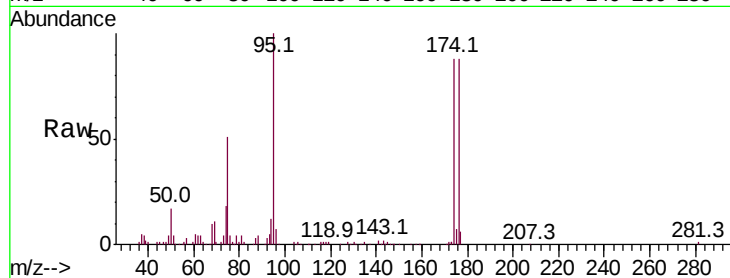
Tot Ion: 95 Resp: 219011

Ion Ratio Lower Upper

95 100

174 89.9 0.0 177.8

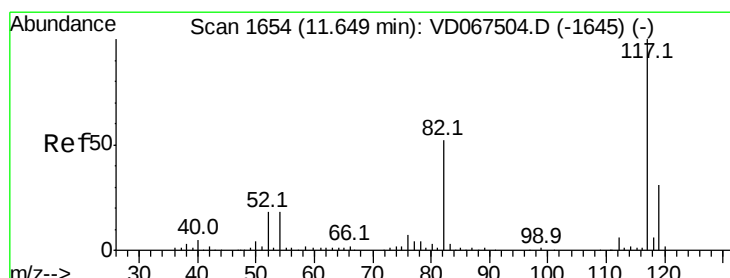
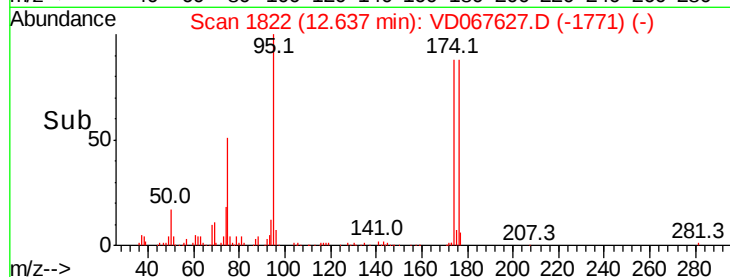
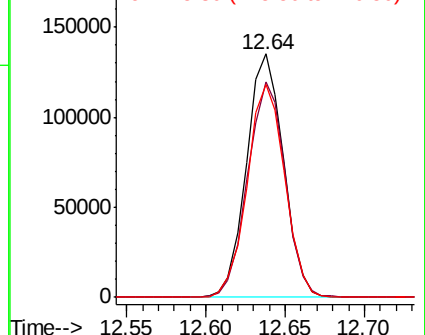
176 88.5 0.0 172.0



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD067627.D

Acq: 12 Nov 2020 17:03

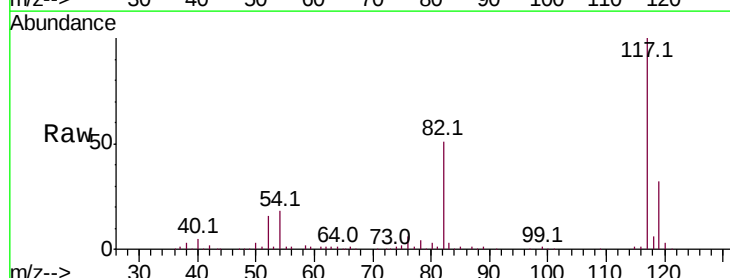
Tgt Ion: 117 Resp: 501525

Ion Ratio Lower Upper

117 100

82 50.7 41.6 62.4

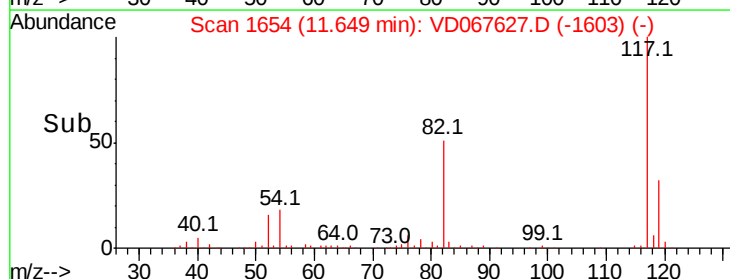
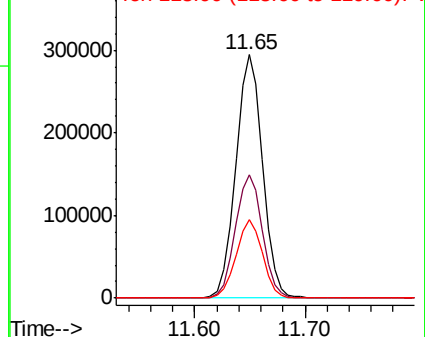
119 32.5 25.1 37.7

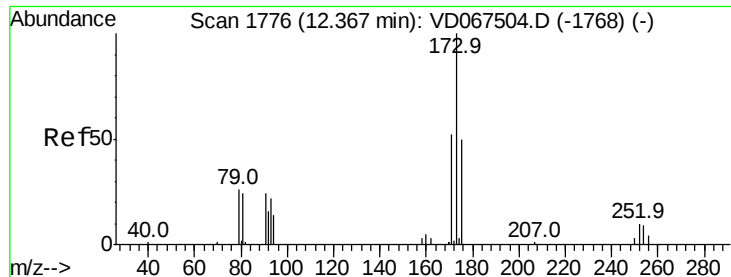


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#71

Bromoform

Concen: 1.128 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.27 min

Lab File: VD067627.D

Acq: 12 Nov 2020 17:03

Instrument :

MSVOA_D

ClientSampleId :

R-LA-33-3-WC

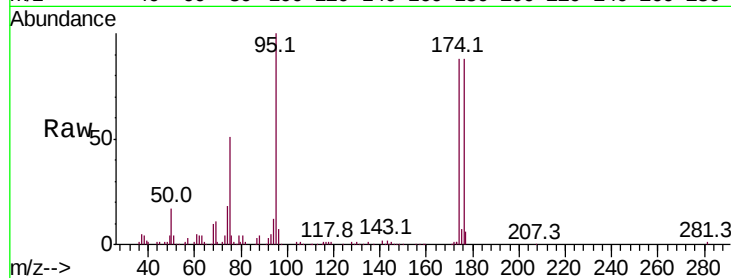
Tot Ion:173 Resp: 2190

Ion Ratio Lower Upper

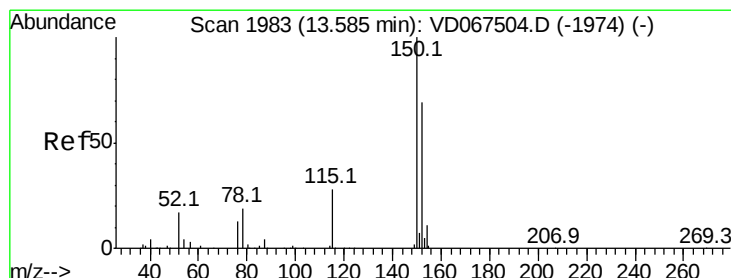
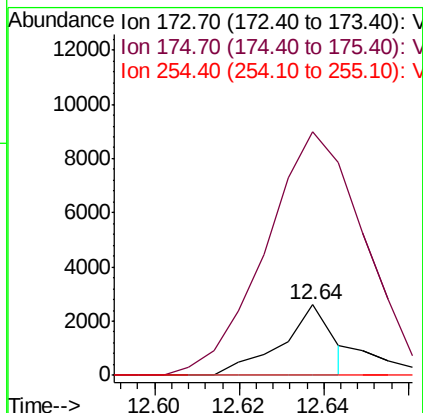
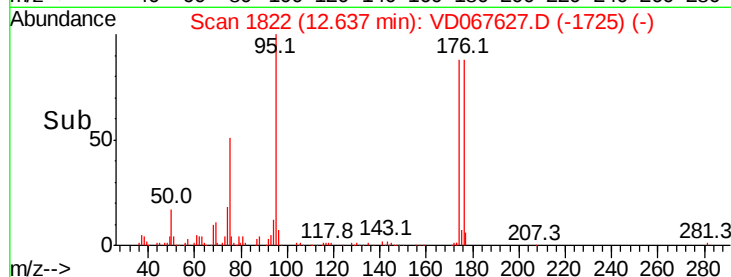
173 100

175 517.9 24.1 72.2#

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067627.D

Acq: 12 Nov 2020 17:03

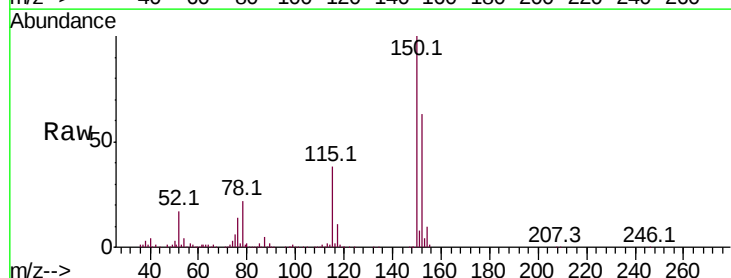
Tgt Ion:152 Resp: 252855

Ion Ratio Lower Upper

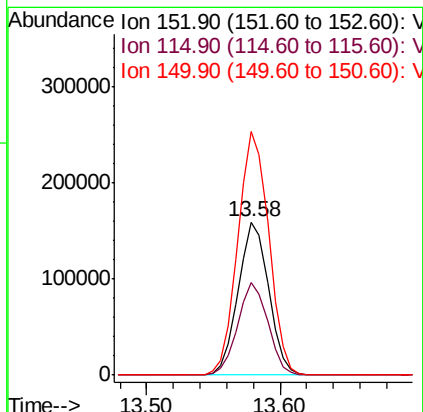
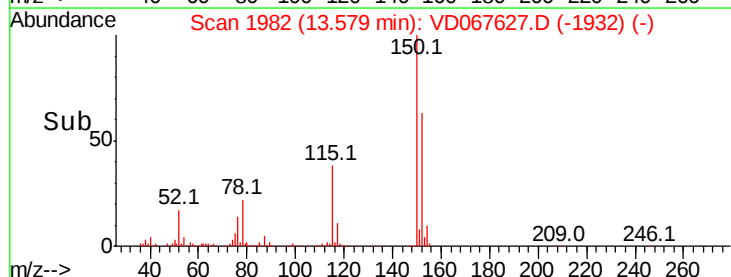
152 100

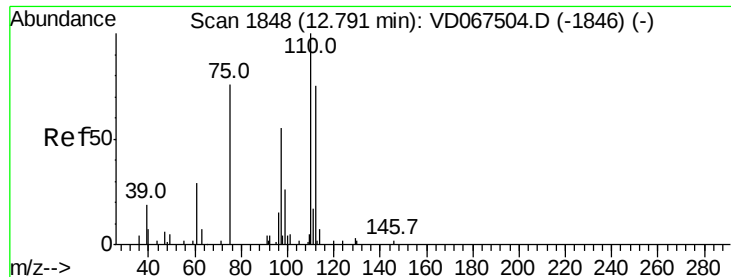
115 59.7 29.3 88.0

150 160.9 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: 74.102 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067627.D

Acq: 12 Nov 2020 17:03

Instrument :

MSVOA_D

ClientSampleId :

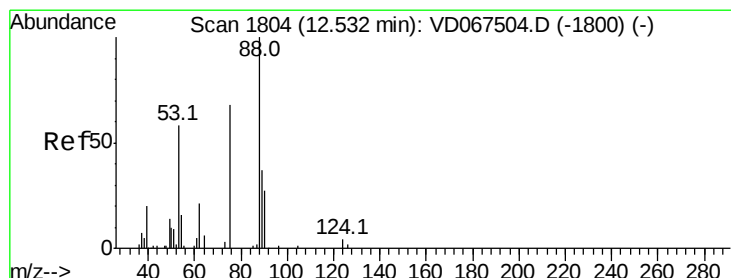
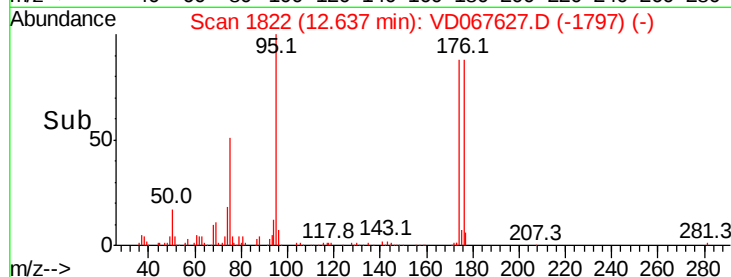
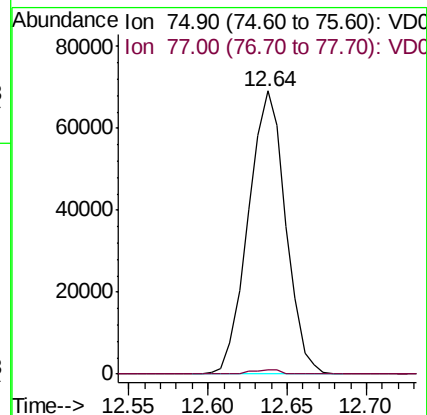
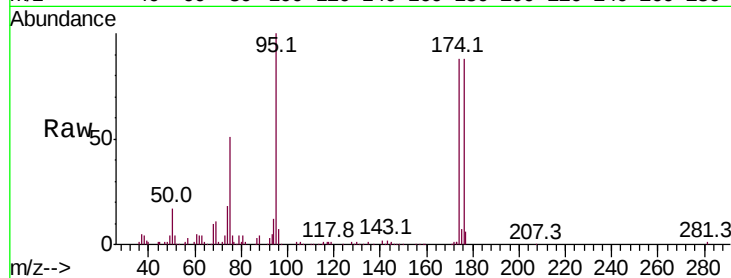
R-LA-33-3-WC

Tot Ion: 75 Resp: 113032

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 150.446 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067627.D

Acq: 12 Nov 2020 17:03

Tgt Ion: 75 Resp: 113032

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.1 44.6 67.0#

