

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111220\
 Data File : VD067627.D
 Acq On : 12 Nov 2020 17:03
 Operator : VA/SY
 Sample : L4735-01
 Misc : 4.22G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Nov 13 01:40:30 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

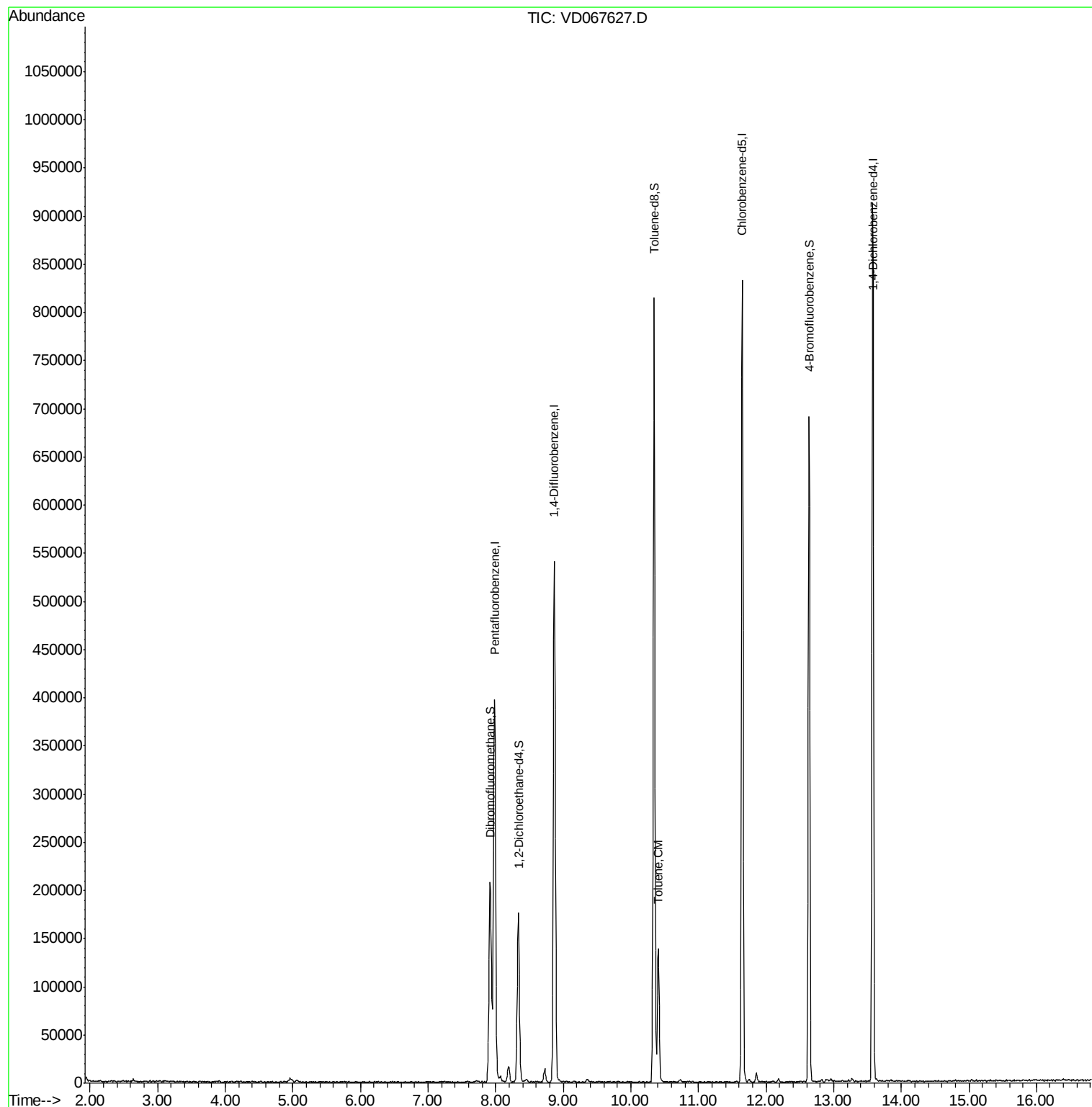
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	305823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	482657	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	501525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	252855	50.00	ug/l	0.00
System Monitoring Compounds						
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						
52) Toluene	10.41	92	60829	8.115	ug/l	Qvalue 96

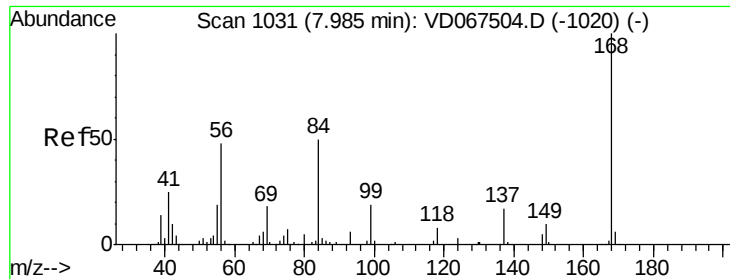
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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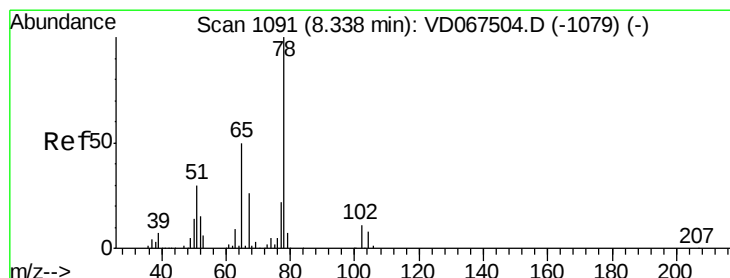
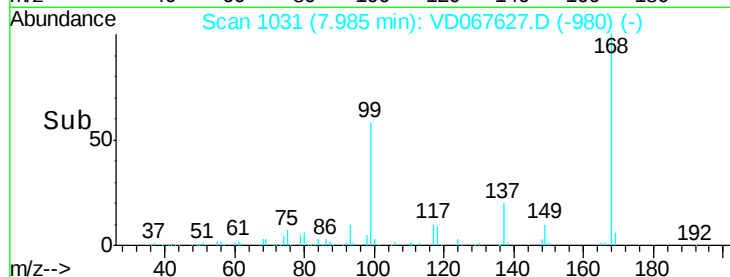
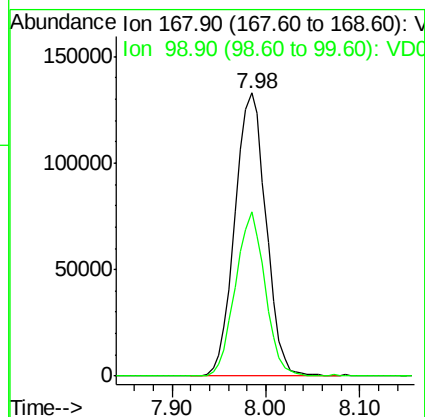
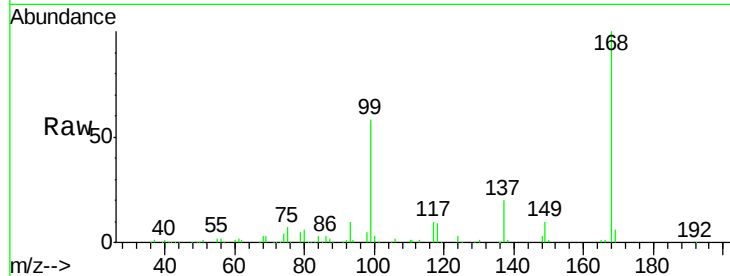




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD067627.D
Acq: 12 Nov 2020 17:03

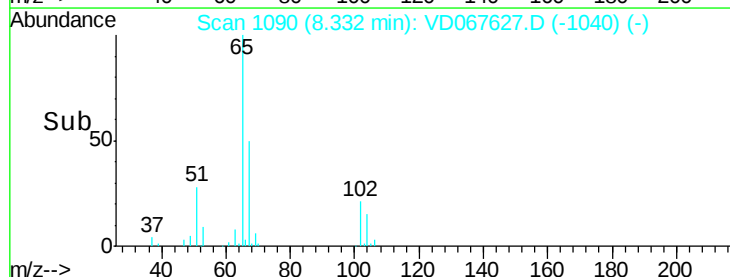
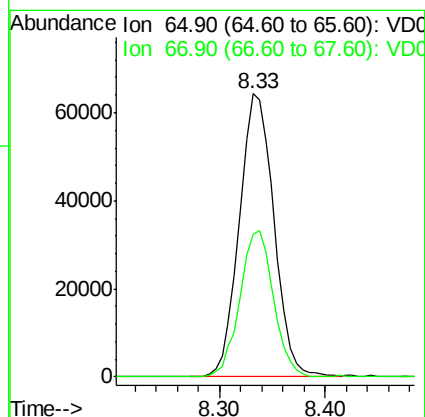
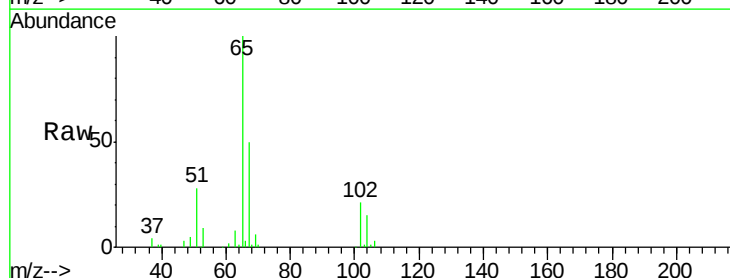
Instrument :
MSVOA_D
ClientSampleId :
R-LA-33-3-WC

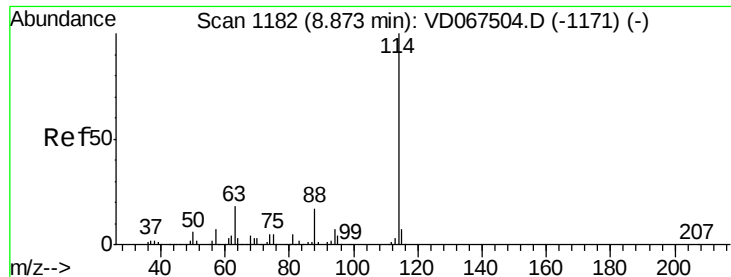
Tot Ion:168 Resp: 305823
Ion Ratio Lower Upper
168 100
99 57.9 45.0 67.6



#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

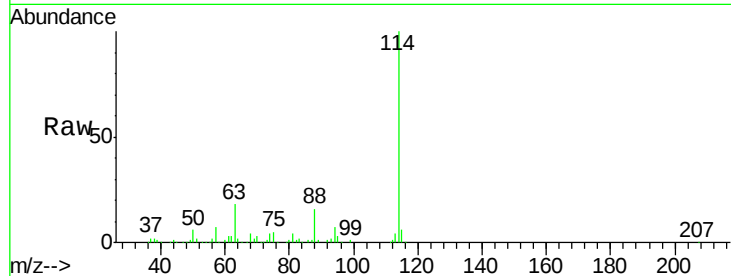




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067627.D
 Acq: 12 Nov 2020 17:03

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

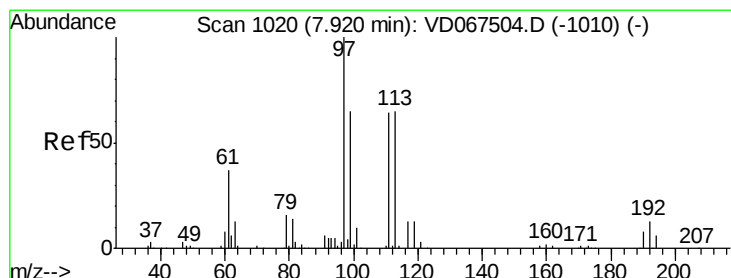
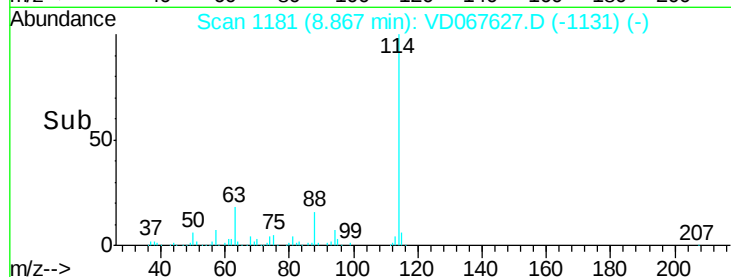
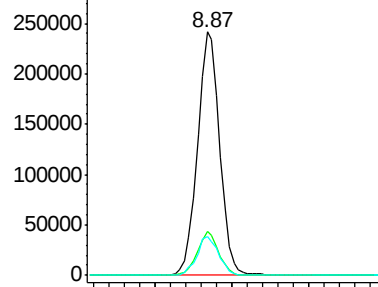
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	35.0
88	15.9	0.0	33.0



Abundance Ion 113.90 (113.60 to 114.60): V

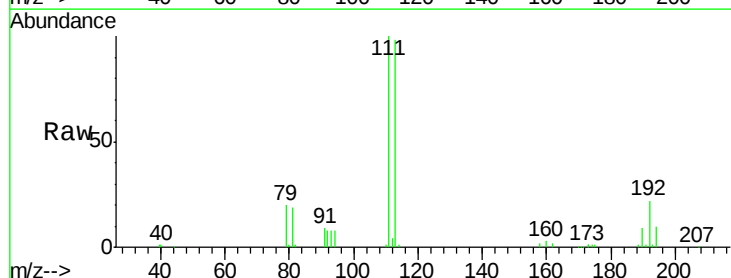
Ion 63.00 (62.70 to 63.70): V

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

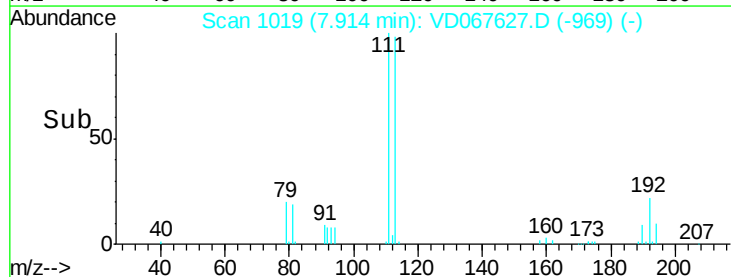
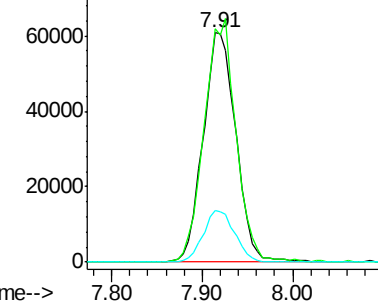
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	80.0	120.0
192	21.7	16.3	24.5

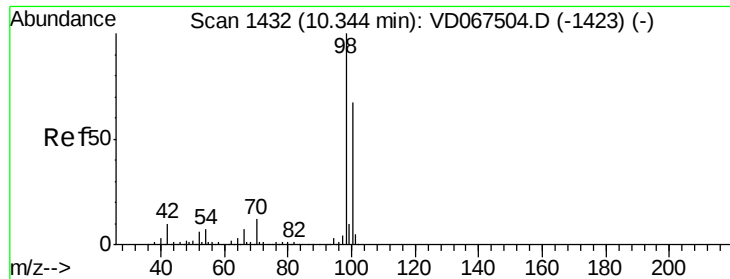


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#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

Instrument :

MSVOA_D

ClientSampleId :

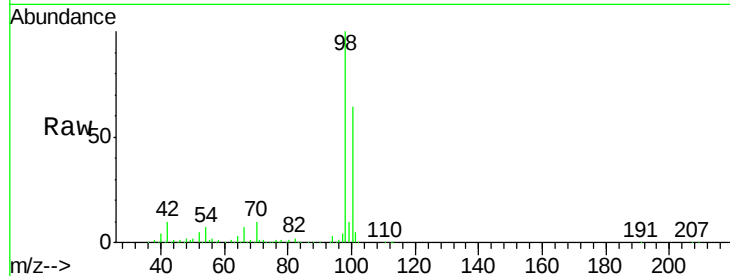
R-LA-33-3-WC

Tot Ion: 98 Resp: 565442

Ion Ratio Lower Upper

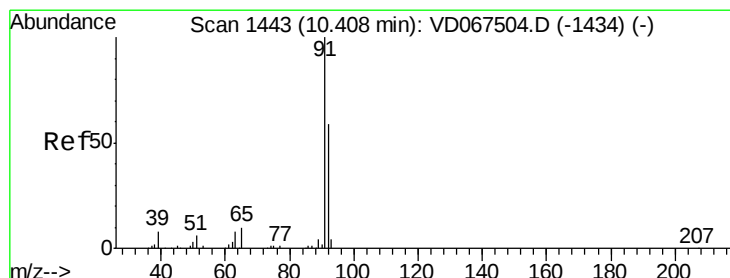
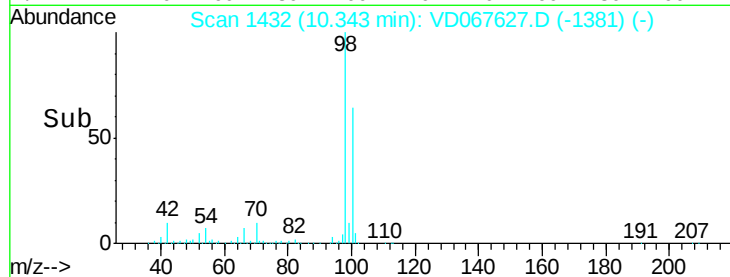
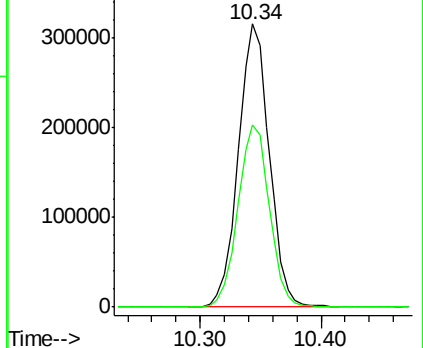
98 100

100 65.4 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#52

Toluene

Concen: 8.115 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067627.D

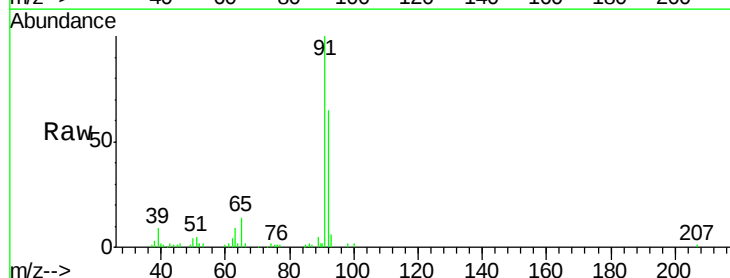
Acq: 12 Nov 2020 17:03

Tgt Ion: 92 Resp: 60829

Ion Ratio Lower Upper

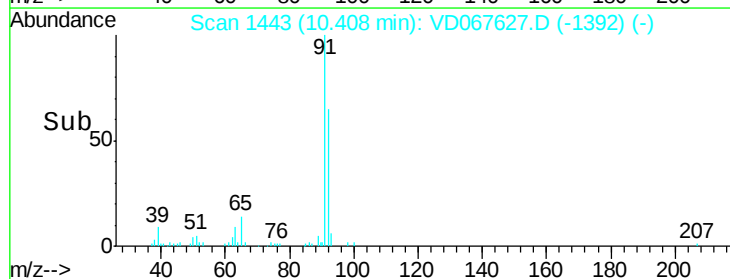
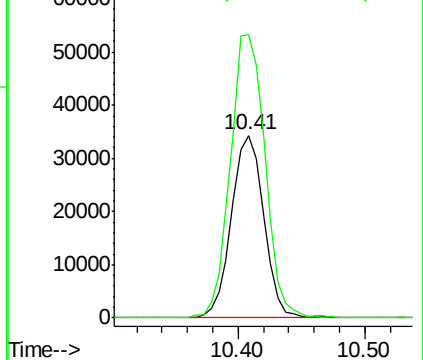
92 100

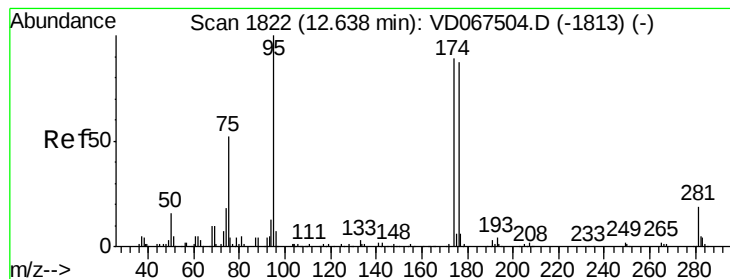
91 165.8 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#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

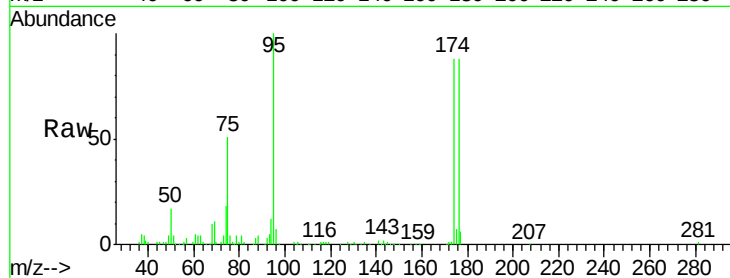
Tot Ion: 95 Resp: 219011

Ion Ratio Lower Upper

95 100

174 89.9 0.0 177.8

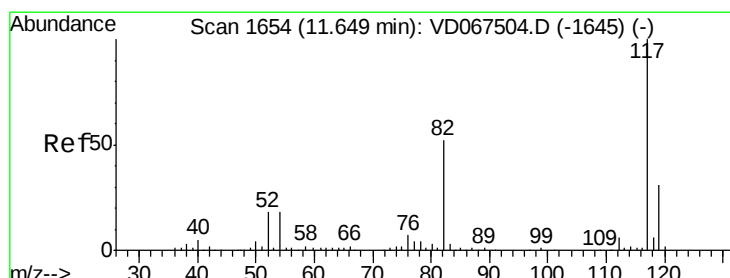
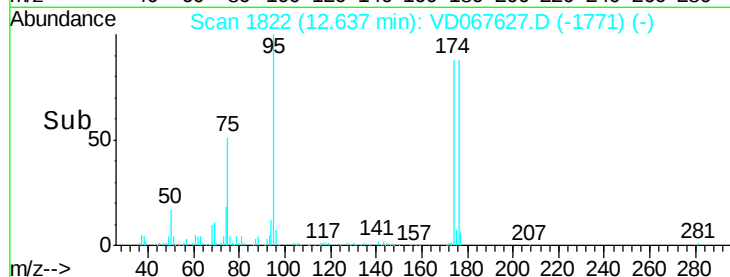
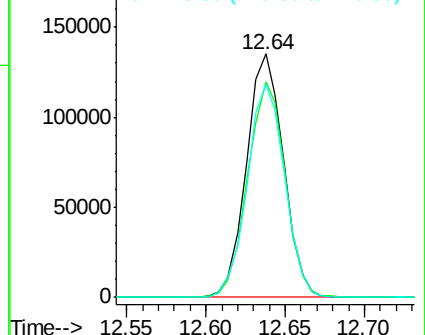
176 88.5 0.0 172.0



Abundance Ion 94.90 (94.60 to 95.60): VD

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

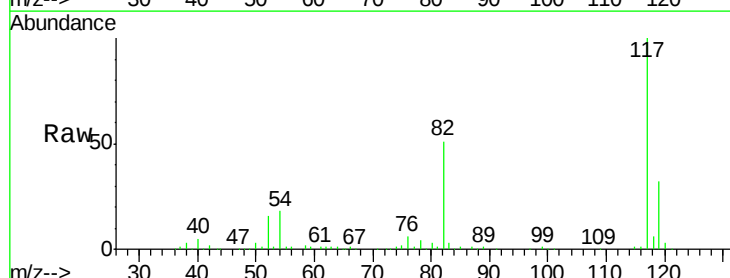
Tgt Ion: 117 Resp: 501525

Ion Ratio Lower Upper

117 100

82 50.7 41.6 62.4

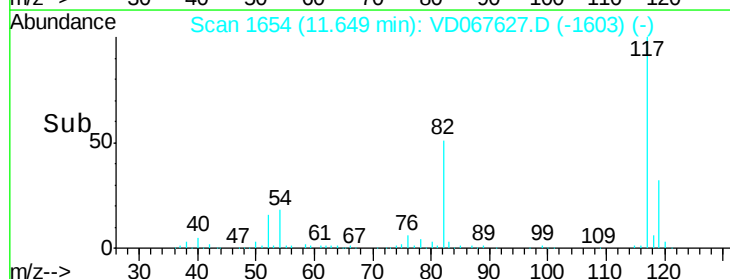
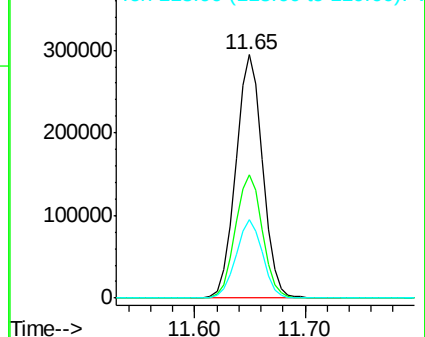
119 32.5 25.1 37.7

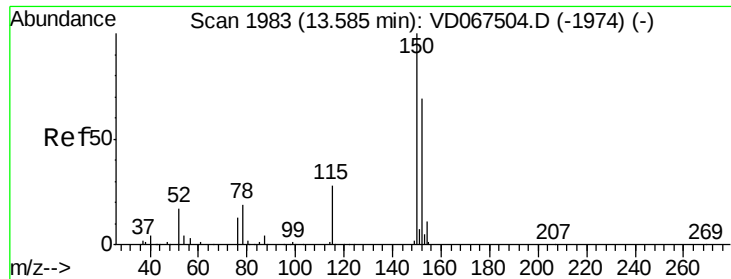


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VD

Ion 118.90 (118.60 to 119.60): 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

Instrument :

MSVOA_D

ClientSampleId :

R-LA-33-3-WC

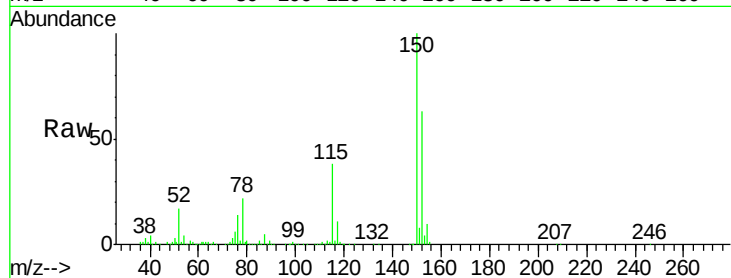
Tot Ion:152 Resp: 252855

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

