

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112119\
 Data File : VD064327.D
 Acq On : 21 Nov 2019 16:27
 Operator : VA/SY
 Sample : K5933-04RE
 Misc : 6.67G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-COMP-01RE

Quant Time: Nov 22 01:34:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

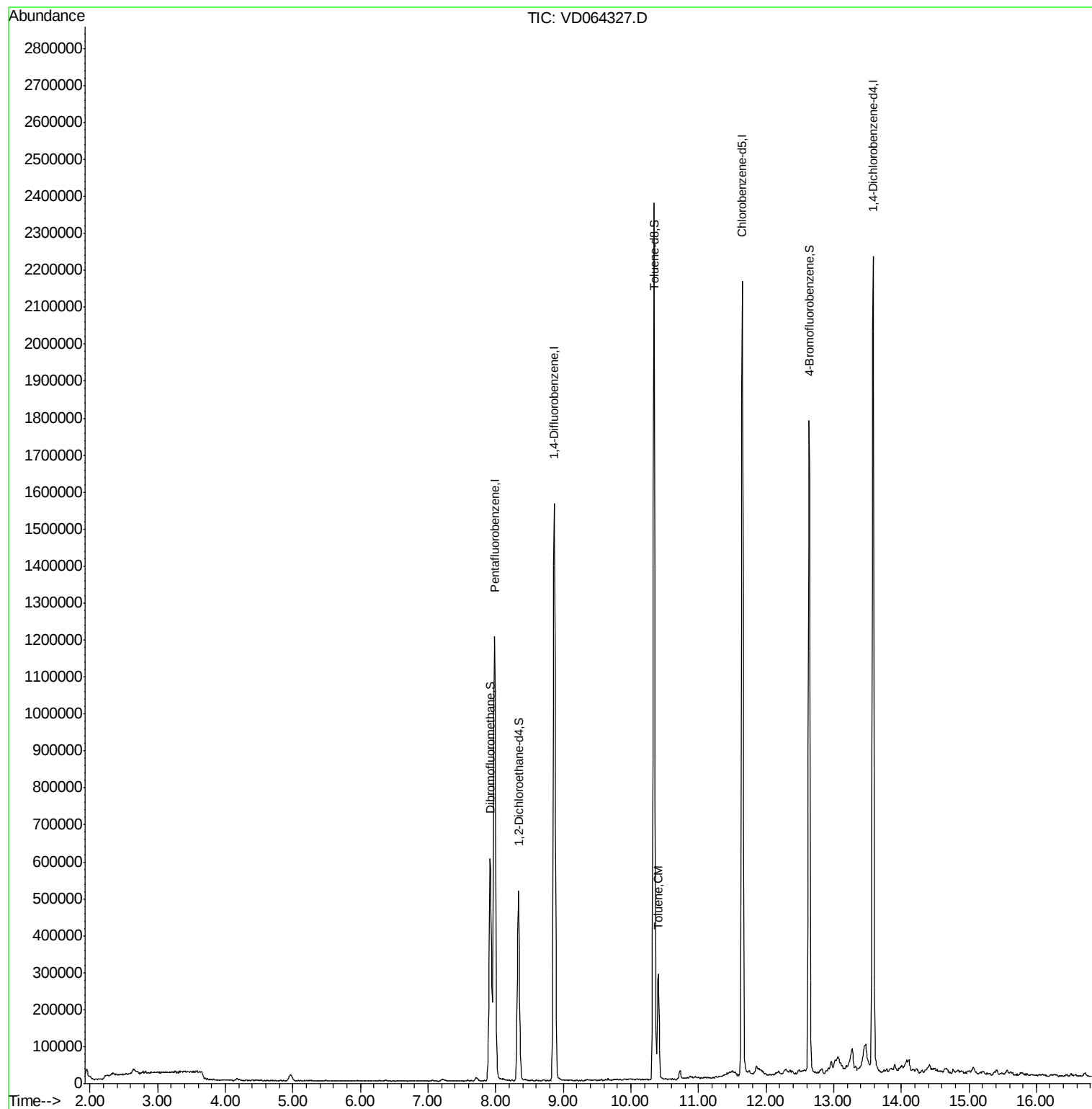
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	997444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1416231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1237706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	622827	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	404415	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
35) Dibromofluoromethane	7.92	113	427985	52.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.30%	
50) Toluene-d8	10.34	98	1626392	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.64	95	534563	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
Target Compounds						
52) Toluene	10.41	92	119838	5.102	ug/l	Qvalue 100

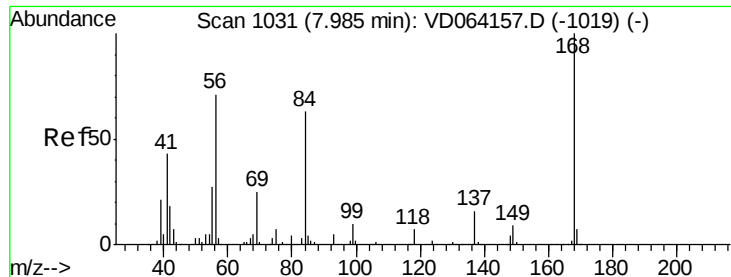
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064327.D

Acq: 21 Nov 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

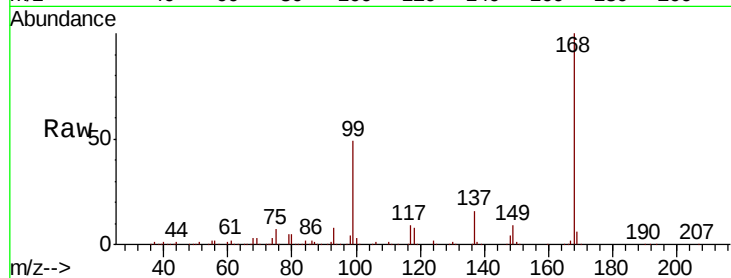
WC-COMP-01RE

Tot Ion:168 Resp: 997444

Ion Ratio Lower Upper

168 100

99 48.9 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

400000

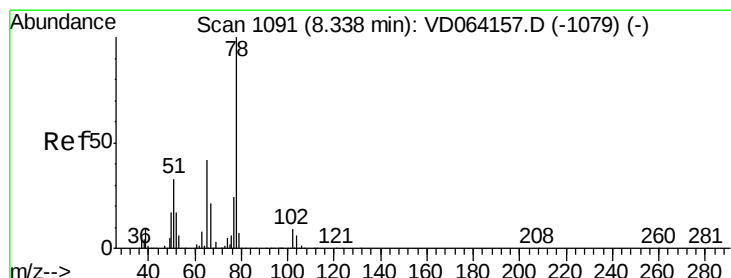
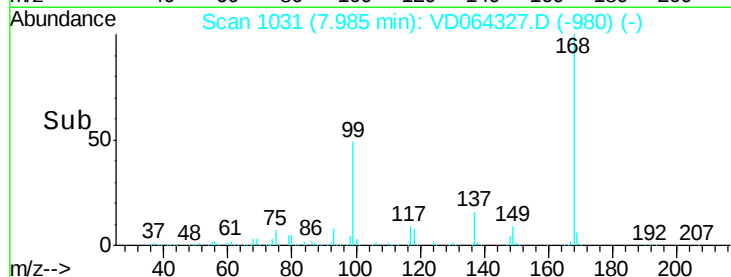
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.299 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064327.D

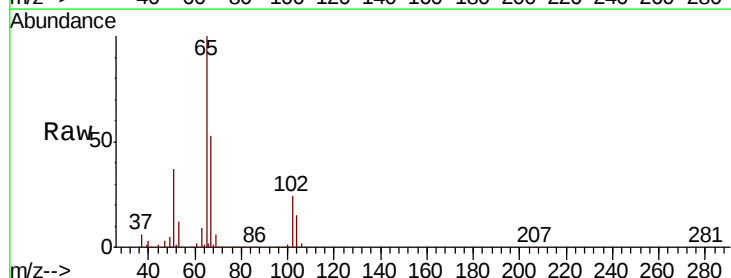
Acq: 21 Nov 2019 16:27

Tgt Ion: 65 Resp: 404415

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

200000

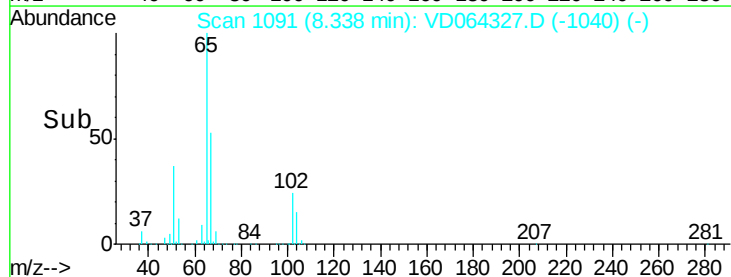
150000

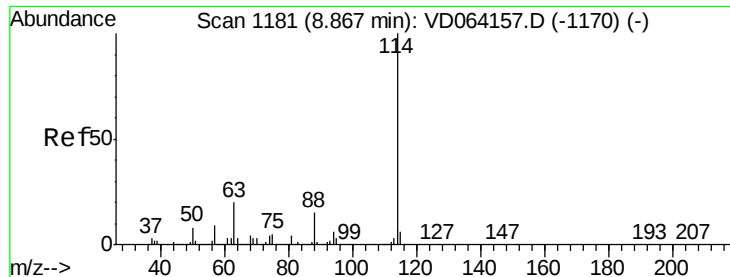
100000

50000

0

Time-->

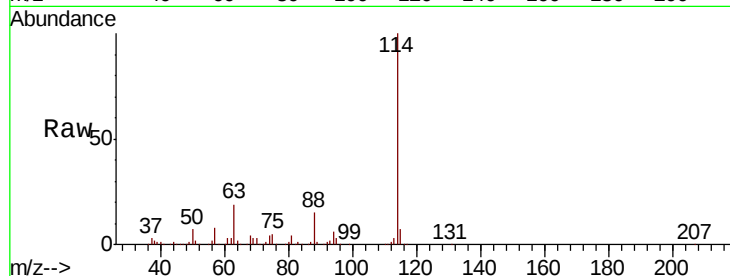




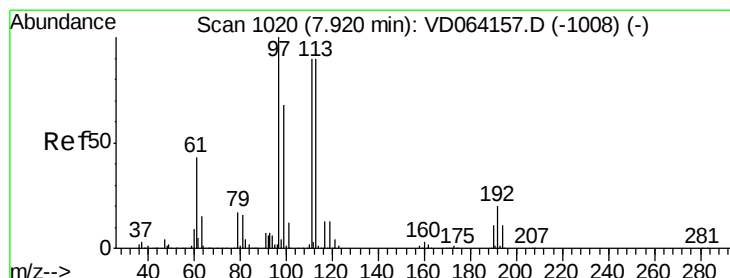
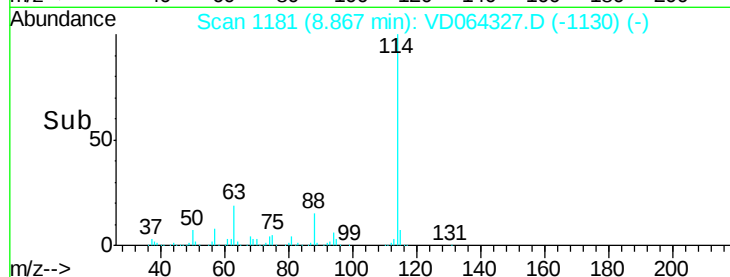
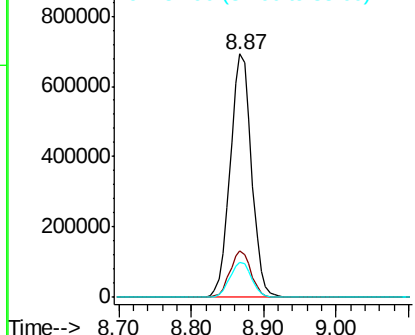
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064327.D
 Acq: 21 Nov 2019 16:27

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-COMP-01RE

Tot Ion:114 Resp: 1416231
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 40.0
 88 14.6 0.0 30.2

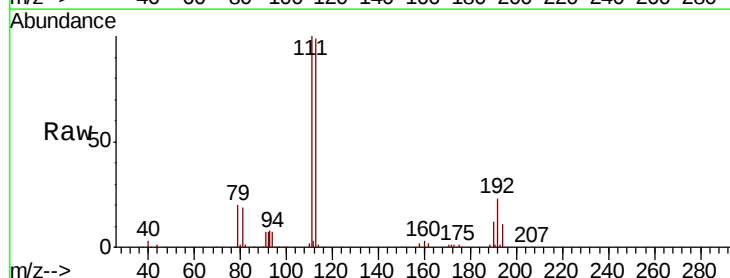


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

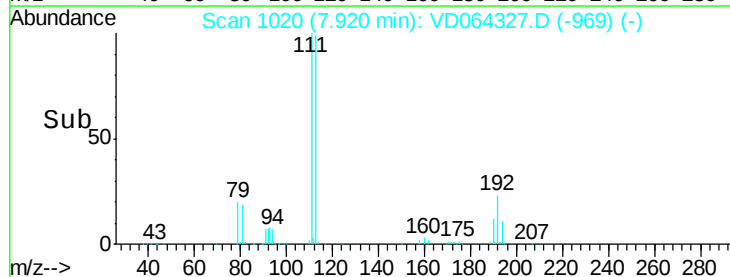
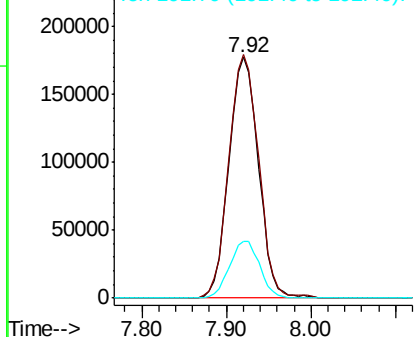


#35
 Dibromofluoromethane
 Concen: 52.647 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064327.D
 Acq: 21 Nov 2019 16:27

Tgt Ion:113 Resp: 427985
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.5 122.3
 192 24.0 18.8 28.2



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

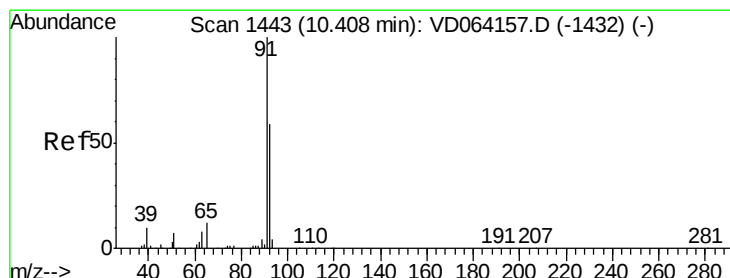
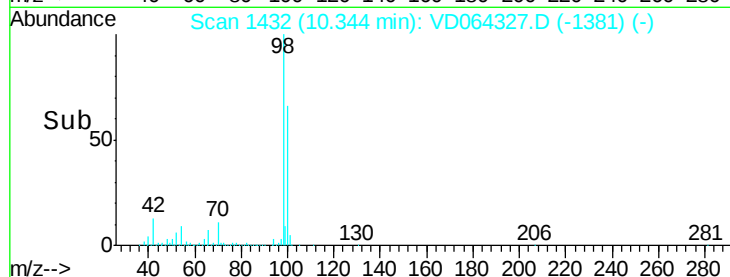
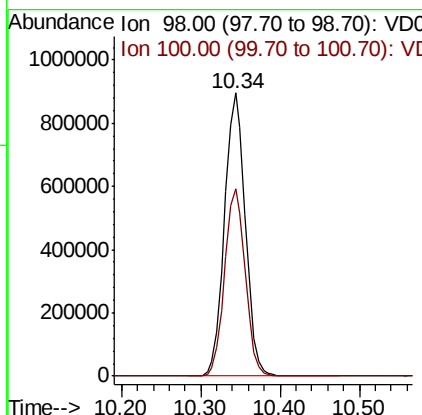
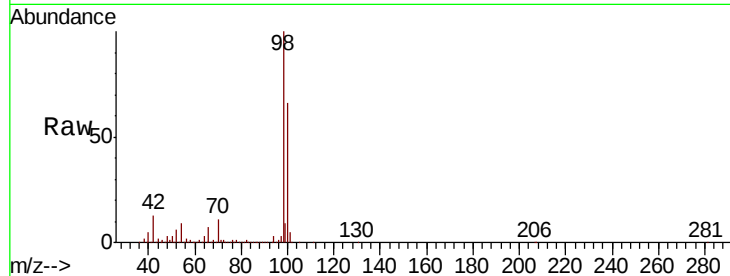




#50
Toluene-d8
Concen: 53.033 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064327.D
Acq: 21 Nov 2019 16:27

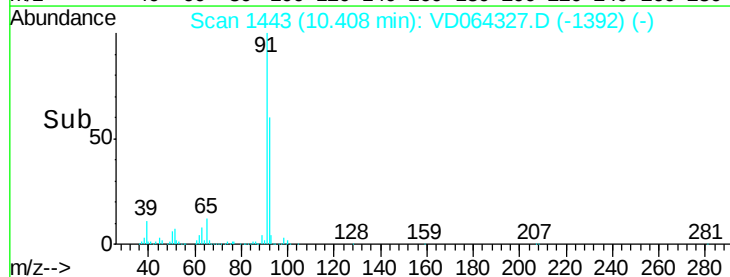
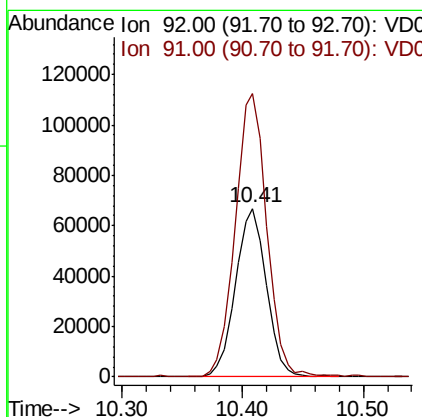
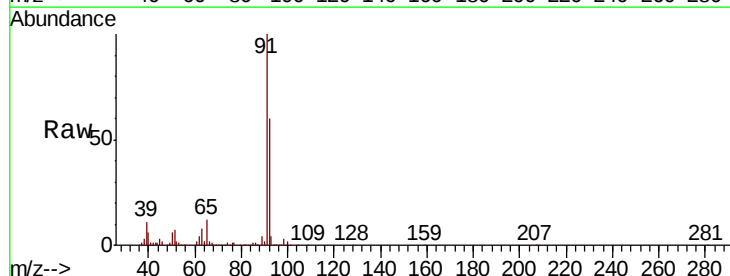
Instrument :
MSVOA_D
ClientSampleId :
WC-COMP-01RE

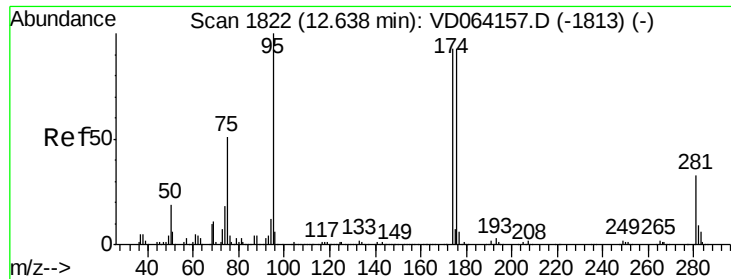
Tot Ion: 98 Resp: 1626392
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#52
Toluene
Concen: 5.102 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD064327.D
Acq: 21 Nov 2019 16:27

Tgt Ion: 92 Resp: 119838
Ion Ratio Lower Upper
92 100
91 171.0 136.4 204.6





#62

4-Bromofluorobenzene

Concen: 50.334 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064327.D

Acq: 21 Nov 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

WC-COMP-01RE

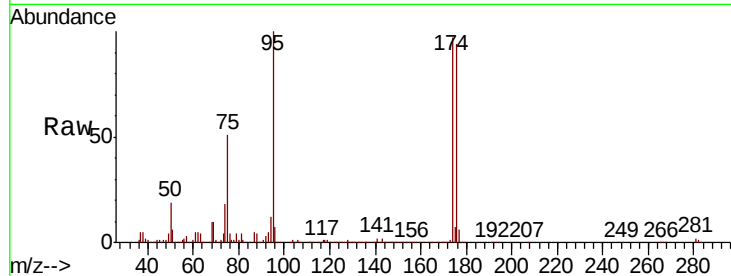
Tot Ion: 95 Resp: 534563

Ion Ratio Lower Upper

95 100

174 98.4 0.0 183.6

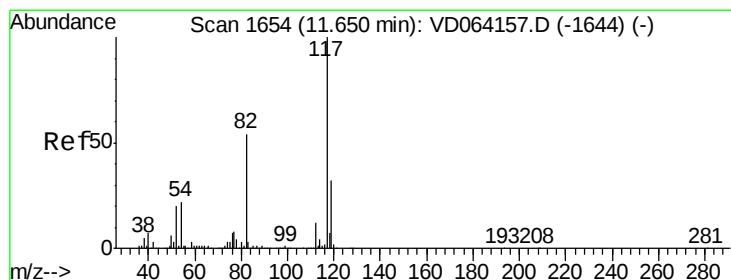
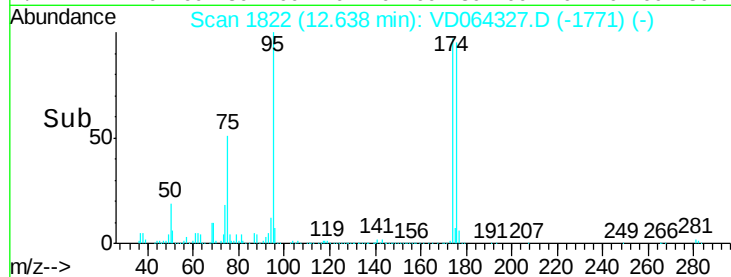
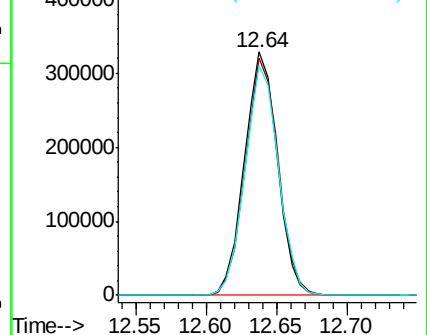
176 96.3 0.0 180.2



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: VD064327.D

Acq: 21 Nov 2019 16:27

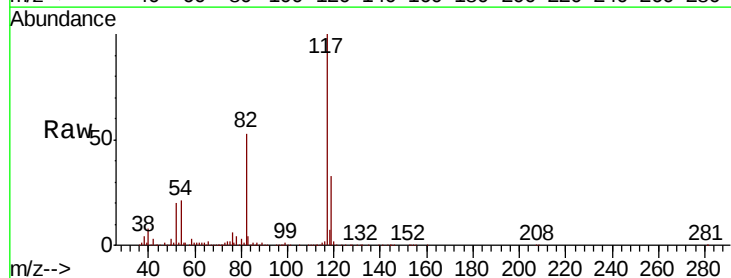
Tgt Ion: 117 Resp: 1237706

Ion Ratio Lower Upper

117 100

82 53.3 42.8 64.2

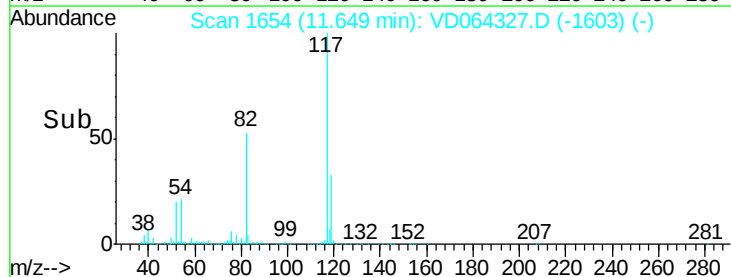
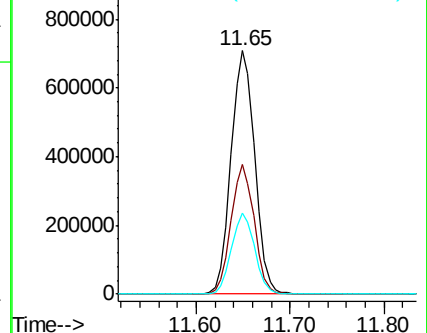
119 33.4 25.6 38.4

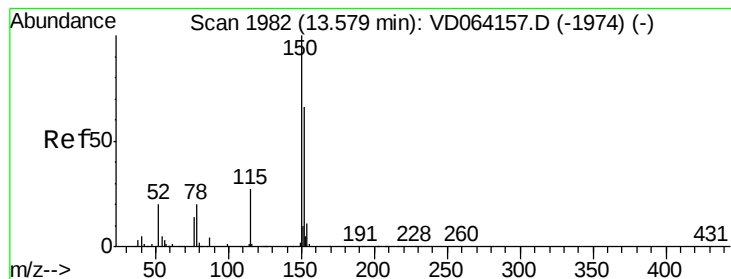


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD064327.D

Acq: 21 Nov 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

WC-COMP-01RE

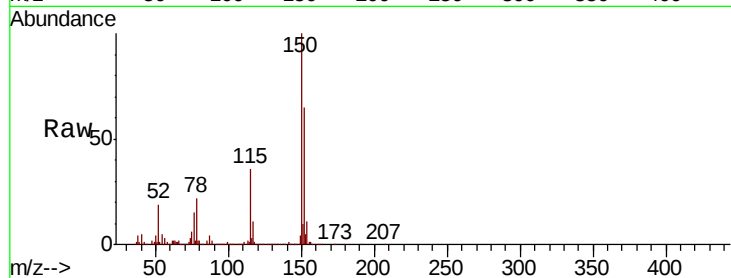
Tot Ion:152 Resp: 622827

Ion Ratio Lower Upper

152 100

115 53.9 27.4 82.2

150 153.8 0.0 351.6



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

