

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081619\
 Data File : VD063646.D
 Acq On : 16 Aug 2019 18:58
 Operator : JC/SY
 Sample : K4391-01
 Misc : 4.99g/5ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 N-WALL-1

Quant Time: Aug 17 07:15:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

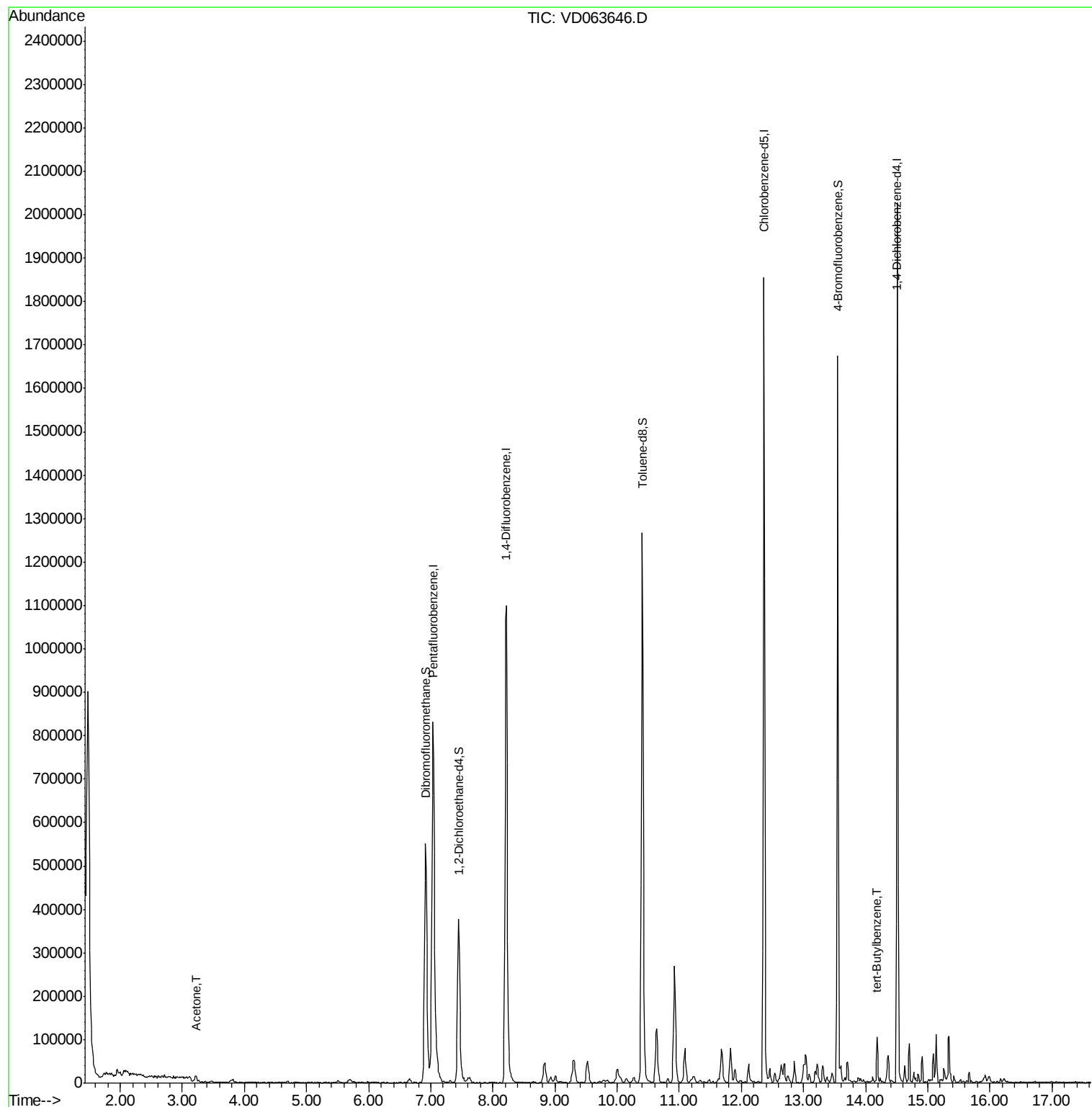
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	806238	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.22	114	1191655	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	983663	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	497644	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	447671	51.95	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	103.90%	
35) Dibromofluoromethane	6.92	113	487374	48.56	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	97.12%	
50) Toluene-d8	10.40	98	978219	44.33	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	88.66%	
62) 4-Bromofluorobenzene	13.55	95	446281	44.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.24%	
Target Compounds						
16) Acetone	3.22	43	27731	15.829	ug/l	99
83) tert-Butylbenzene	14.18	119	38592	1.325	ug/l	94

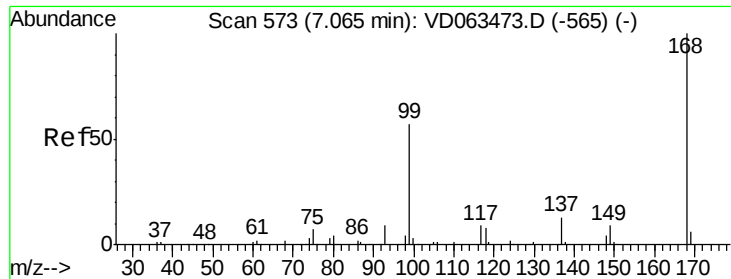
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.03 min

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Instrument :

MSVOA_D

ClientSampleId :

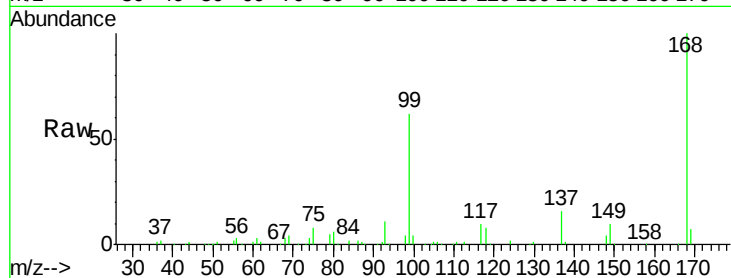
N-WALL-1

Tot Ion:168 Resp: 806238

Ion Ratio Lower Upper

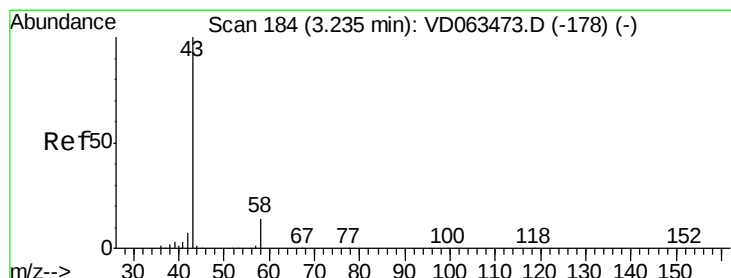
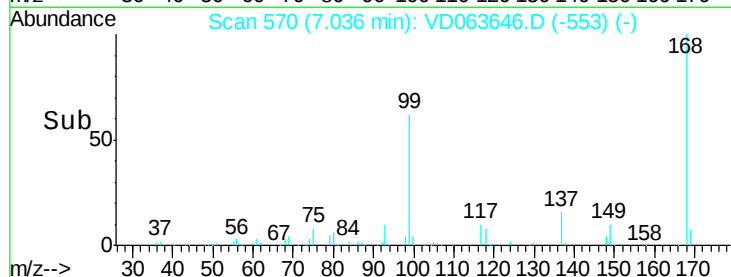
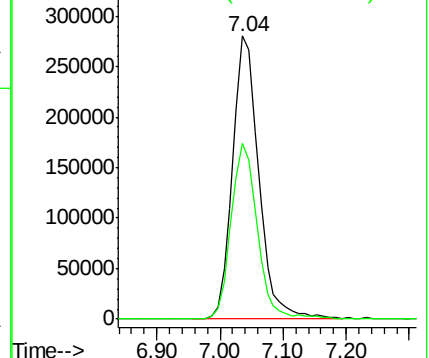
168 100

99 62.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 15.829 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063646.D

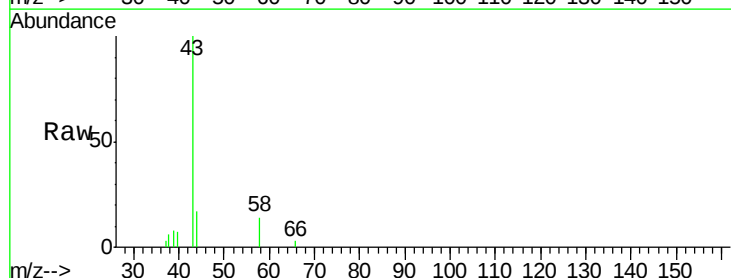
Acq: 16 Aug 2019 18:58

Tgt Ion: 43 Resp: 27731

Ion Ratio Lower Upper

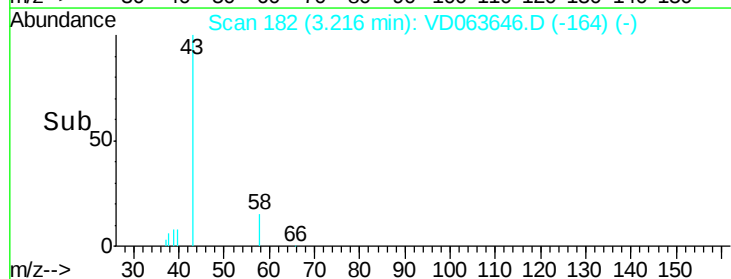
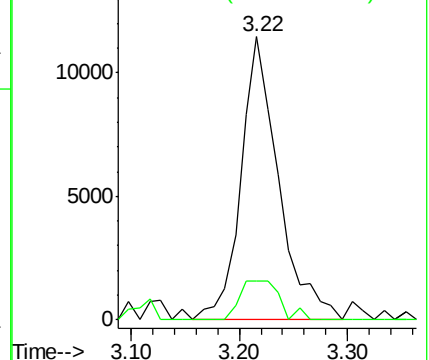
43 100

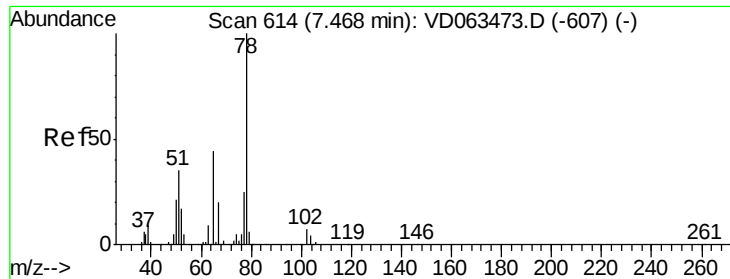
58 13.7 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

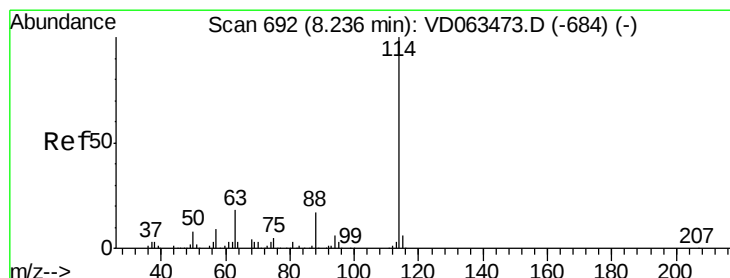
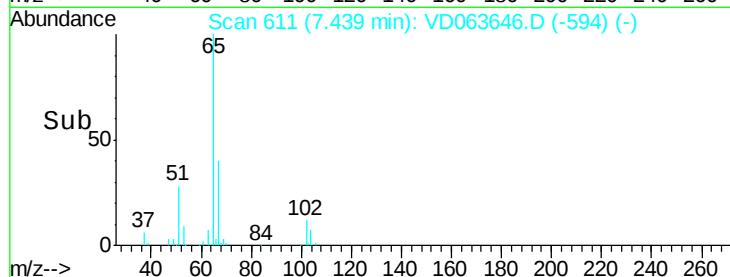
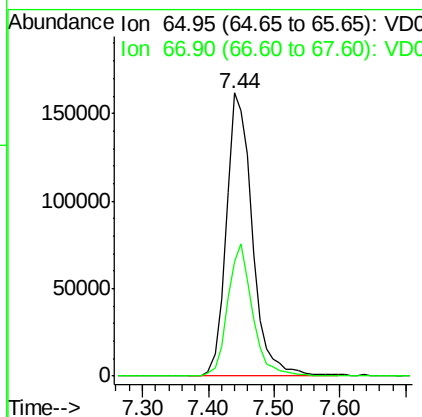
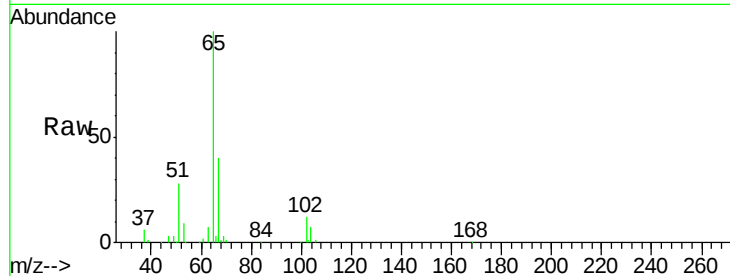




#33
 1,2-Dichloroethane-d4
 Concen: 51.946 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: VD063646.D
 Acq: 16 Aug 2019 18:58

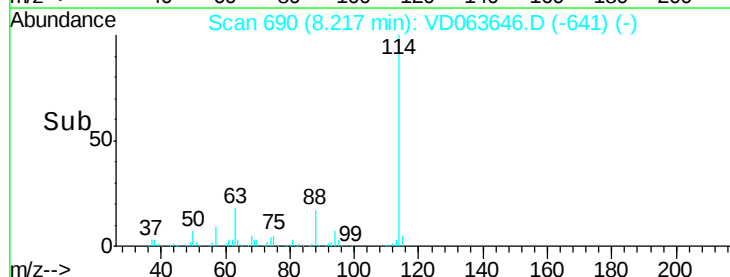
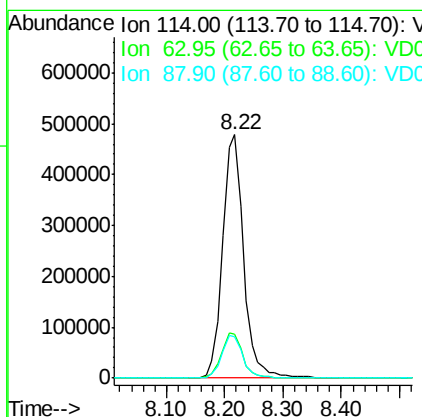
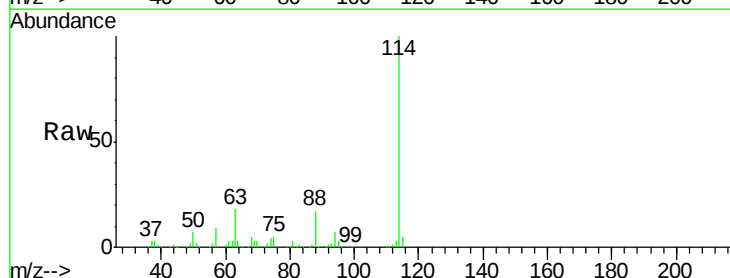
Instrument :
 MSVOA_D
 ClientSampleId :
 N-WALL-1

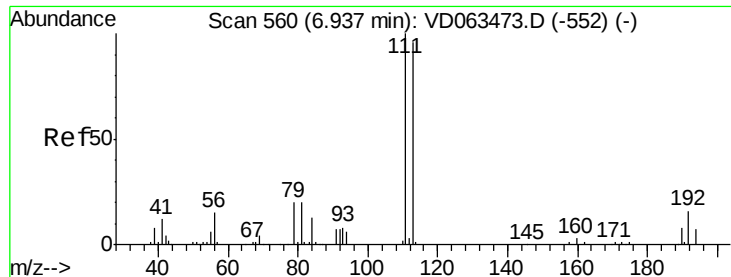
Tot Ion: 65 Resp: 447671
 Ion Ratio Lower Upper
 65 100
 67 40.2 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.02 min
 Lab File: VD063646.D
 Acq: 16 Aug 2019 18:58

Tgt Ion: 114 Resp: 1191655
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.2
 88 16.9 0.0 35.0

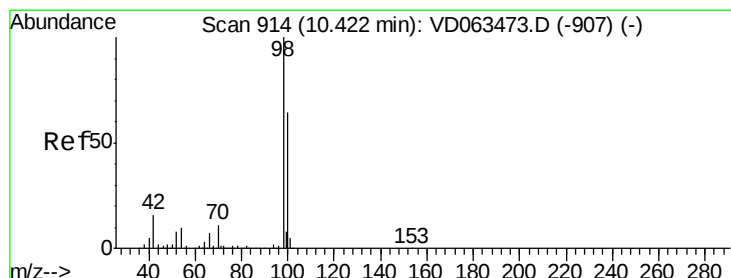
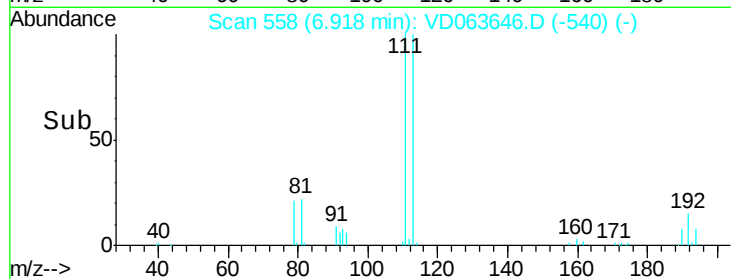
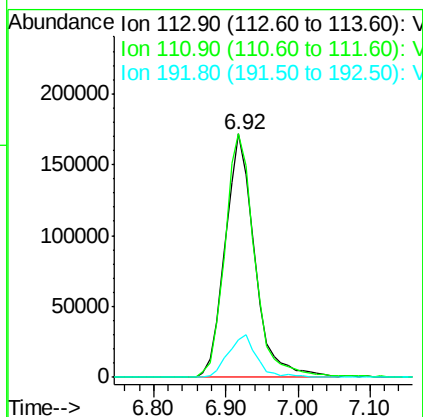
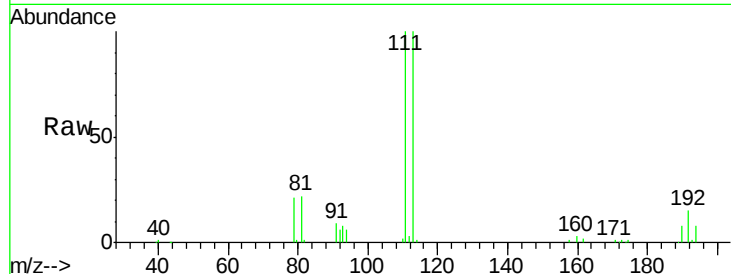




#35
 Dibromofluoromethane
 Concen: 48.562 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD063646.D
 Acq: 16 Aug 2019 18:58

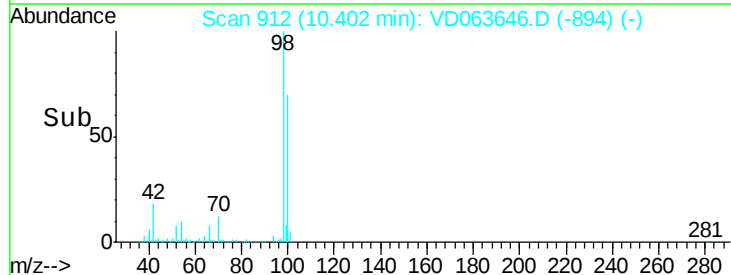
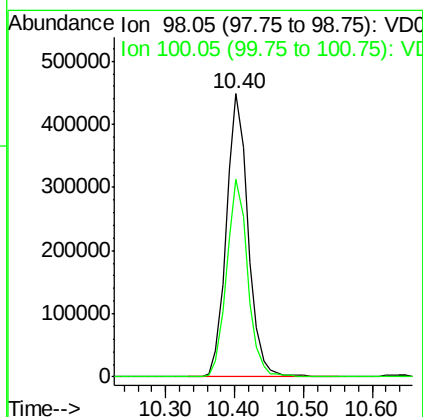
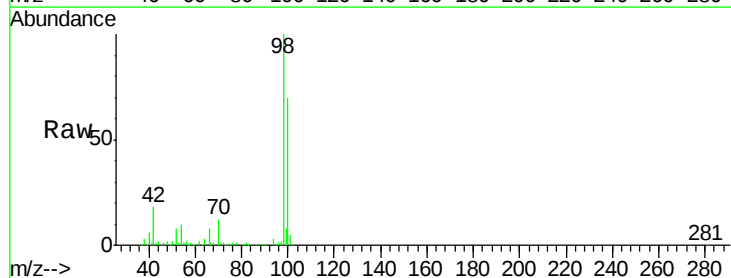
Instrument :
 MSVOA_D
 ClientSampleId :
 N-WALL-1

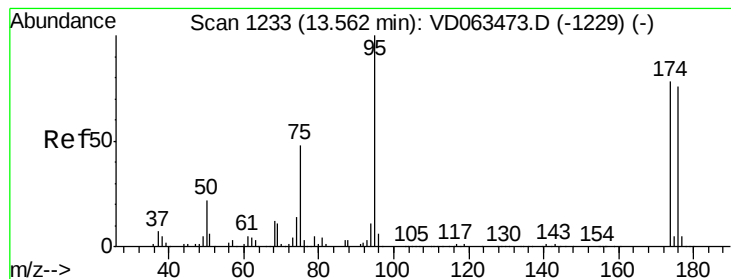
Tot Ion:113 Resp: 487374
 Ion Ratio Lower Upper
 113 100
 111 99.9 83.1 124.7
 192 15.3 13.1 19.7



#50
 Toluene-d8
 Concen: 44.333 ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: VD063646.D
 Acq: 16 Aug 2019 18:58

Tgt Ion: 98 Resp: 978219
 Ion Ratio Lower Upper
 98 100
 100 69.9 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 44.624 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063646.D

Acq: 16 Aug 2019 18:58

Instrument :

MSVOA_D

ClientSampleId :

N-WALL-1

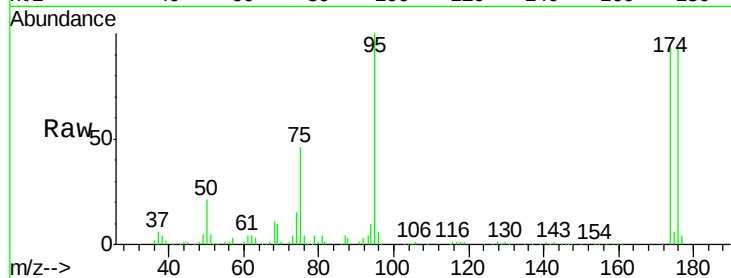
Tot Ion: 95 Resp: 446281

Ion Ratio Lower Upper

95 100

174 94.2 0.0 155.4

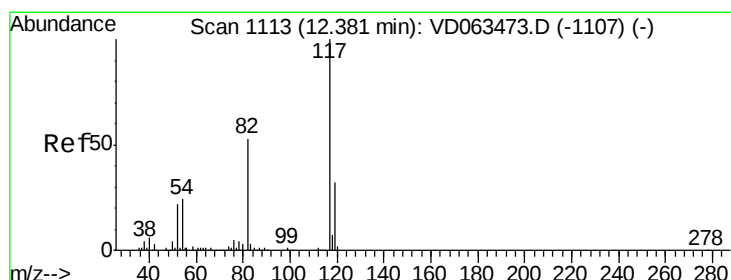
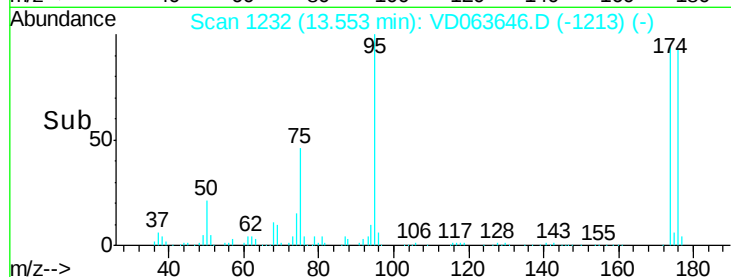
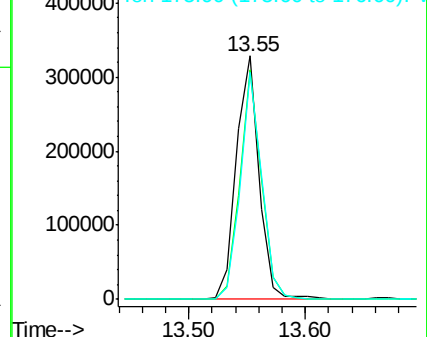
176 93.2 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VD063646.D

Acq: 16 Aug 2019 18:58

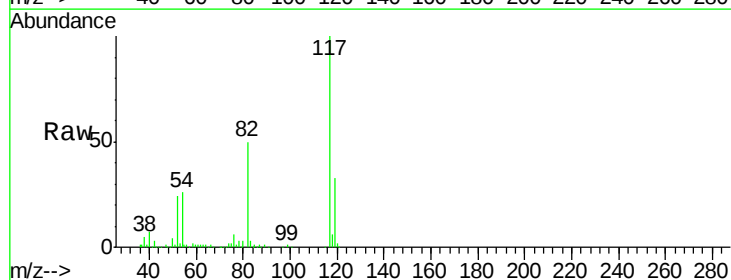
Tgt Ion: 117 Resp: 983663

Ion Ratio Lower Upper

117 100

82 50.3 42.0 63.0

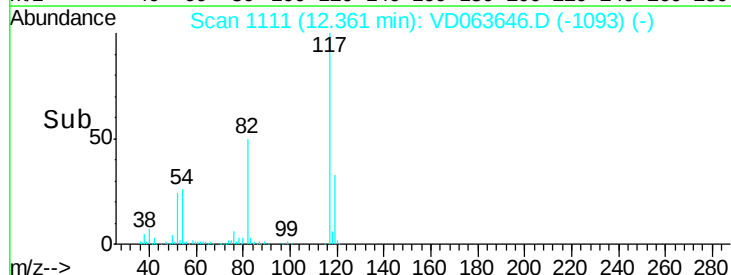
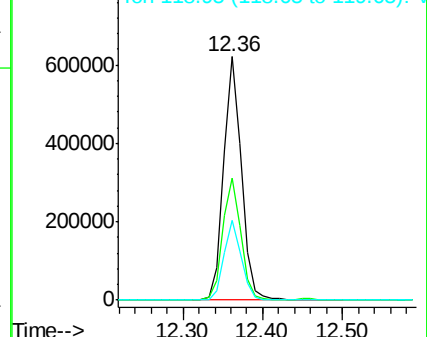
119 32.6 25.4 38.0

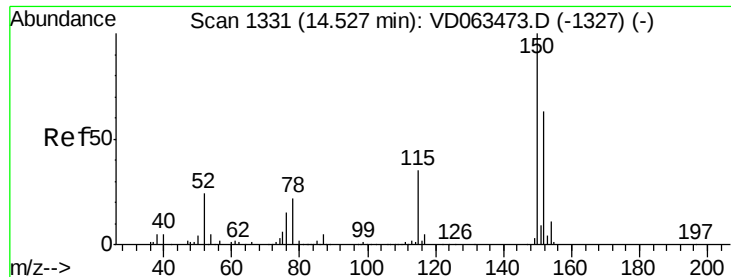


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD063646.D

Acq: 16 Aug 2019 18:58

Instrument :

MSVOA_D

ClientSampleId :

N-WALL-1

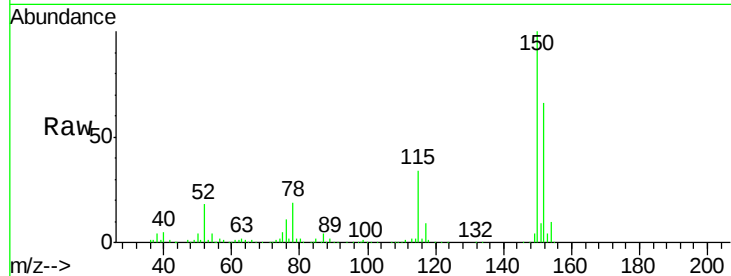
Tot Ion:152 Resp: 497644

Ion Ratio Lower Upper

152 100

115 51.2 30.9 92.7

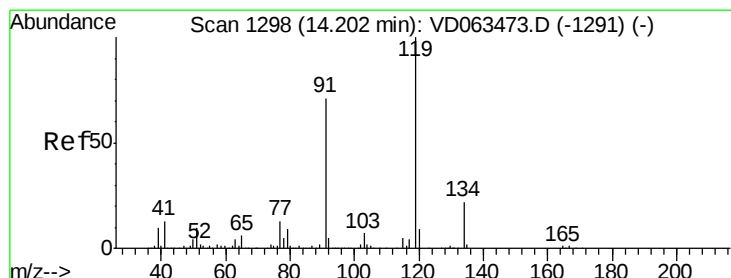
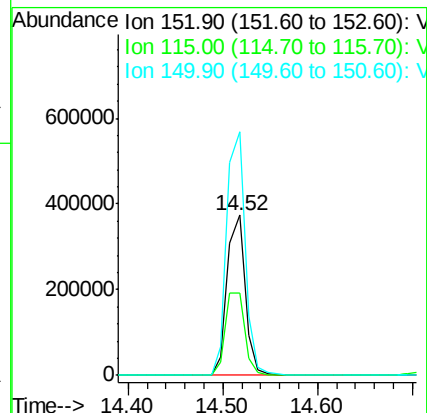
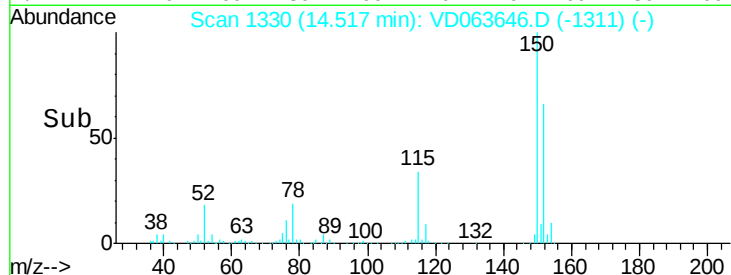
150 151.9 0.0 318.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#83

tert-Butylbenzene

Concen: 1.325 ug/l

RT: 14.18 min Scan# 1296

Delta R.T. -0.02 min

Lab File: VD063646.D

Acq: 16 Aug 2019 18:58

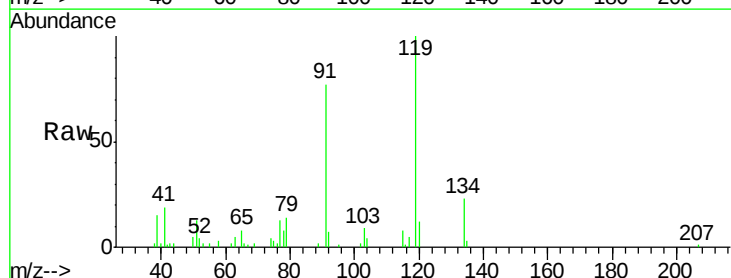
Tgt Ion:119 Resp: 38592

Ion Ratio Lower Upper

119 100

91 76.9 35.5 106.7

134 22.9 11.1 33.1



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V

