

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081519\
 Data File : VD063609.D
 Acq On : 15 Aug 2019 16:54
 Operator : JC/SY
 Sample : K4245-06RE
 Misc : 5.88g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-27RE

Quant Time: Aug 15 17:20:56 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

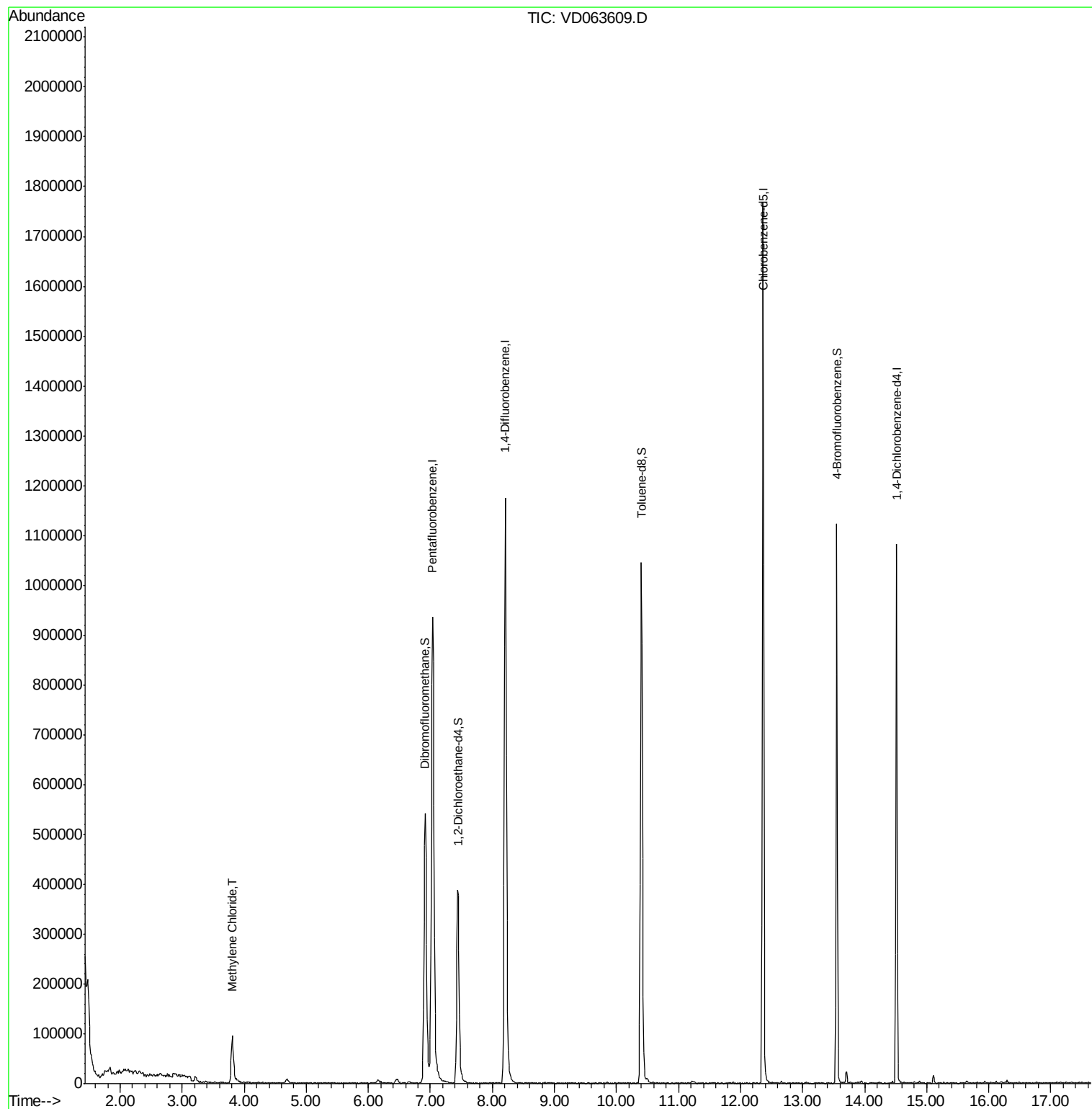
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	943140	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	1299471	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	946624	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	277412	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	442460	43.89	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	87.78%	
35) Dibromofluoromethane	6.92	113	478136	43.69	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	87.38%	
50) Toluene-d8	10.40	98	889263	36.96	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	73.92%	
62) 4-Bromofluorobenzene	13.55	95	304258	27.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.80%	
Target Compounds						
20) Methylene Chloride	3.81	84	59639	6.730	ug/l #	Qvalue 76

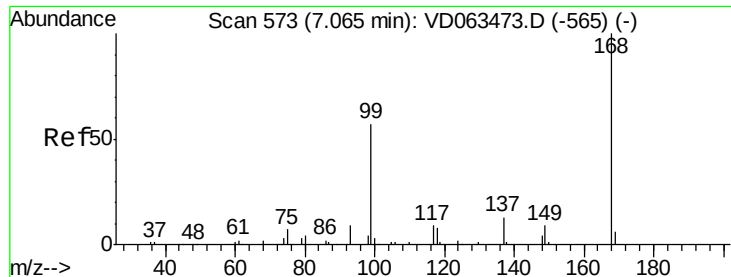
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
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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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Acq: 15 Aug 2019 16:54

Instrument :

MSVOA_D

ClientSampleId :

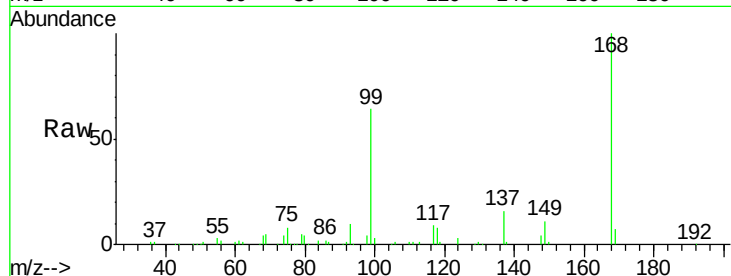
VOC-27RE

Tot Ion:168 Resp: 943140

Ion Ratio Lower Upper

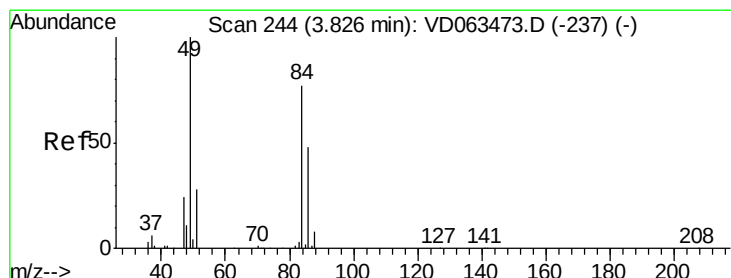
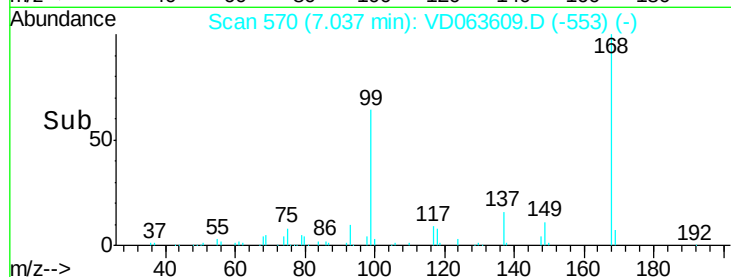
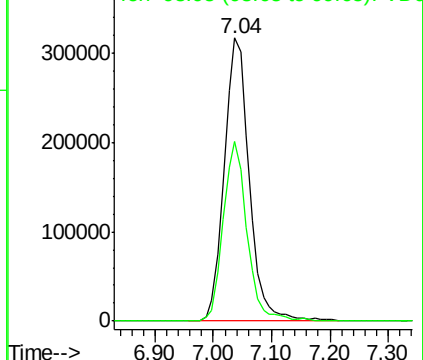
168 100

99 63.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 6.730 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.02 min

Lab File: VD063609.D

Acq: 15 Aug 2019 16:54

Tgt Ion: 84 Resp: 59639

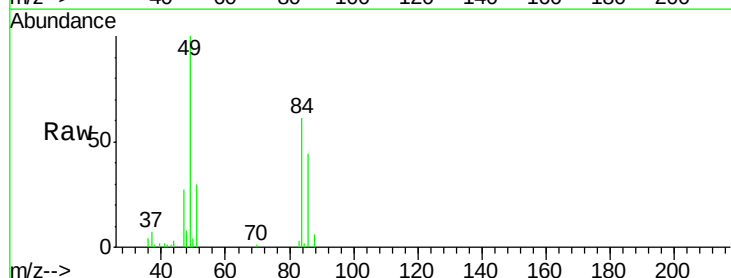
Ion Ratio Lower Upper

84 100

49 163.6 103.4 155.2#

51 49.5 28.5 42.7#

86 72.6 49.4 74.2

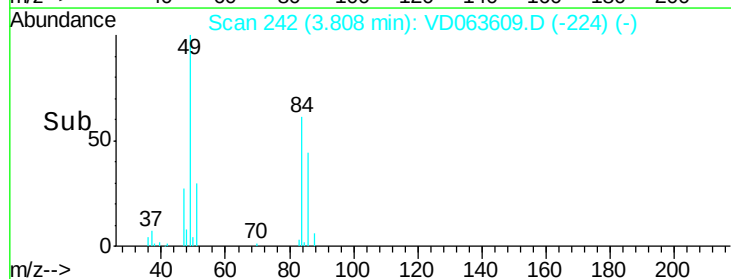
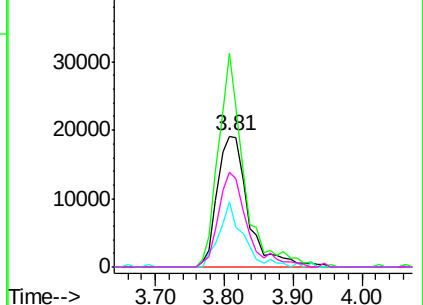


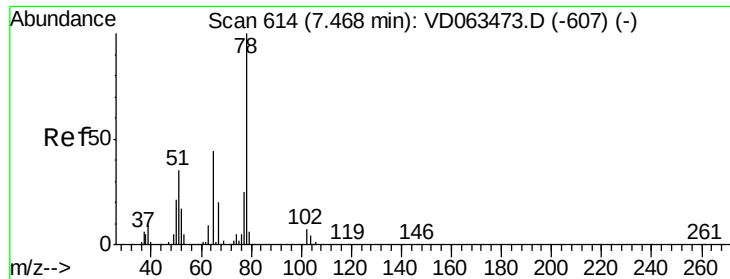
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#33

1,2-Dichloroethane-d4

Concen: 43.889 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.03 min

Lab File: VD063609.D

Acq: 15 Aug 2019 16:54

Instrument :

MSVOA_D

ClientSampleId :

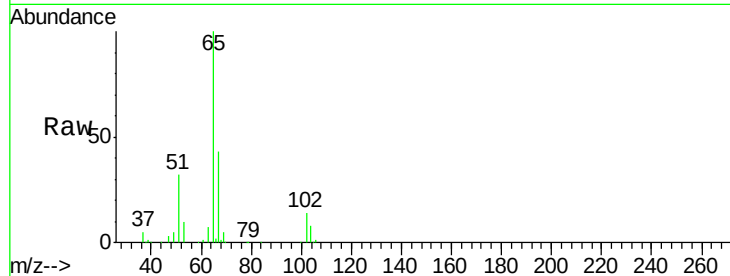
VOC-27RE

Tot Ion: 65 Resp: 442460

Ion Ratio Lower Upper

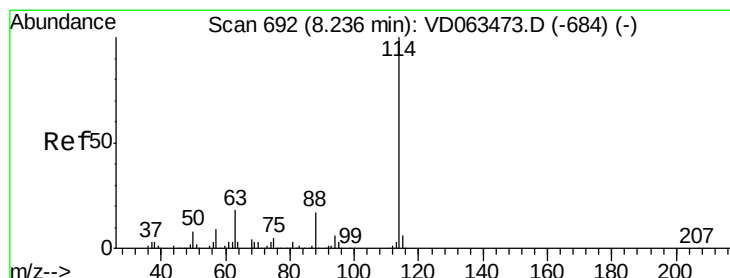
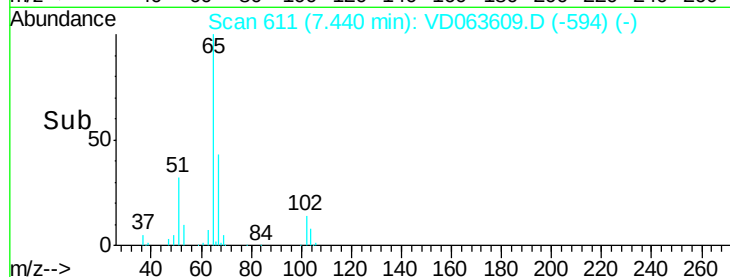
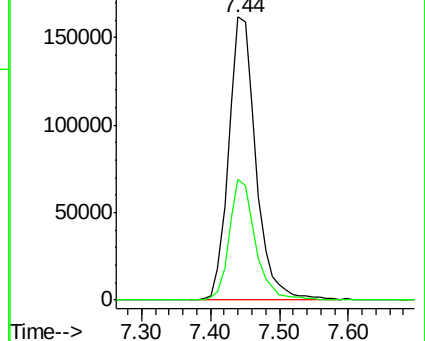
65 100

67 42.7 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.03 min

Lab File: VD063609.D

Acq: 15 Aug 2019 16:54

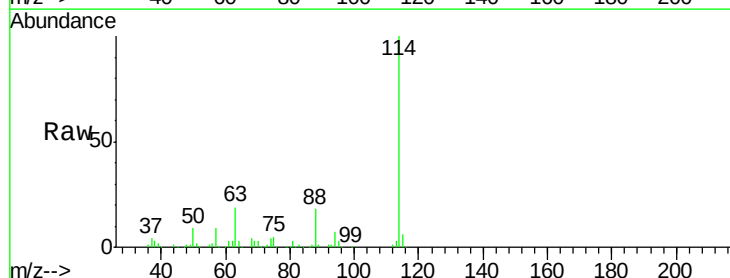
Tgt Ion: 114 Resp: 1299471

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.2

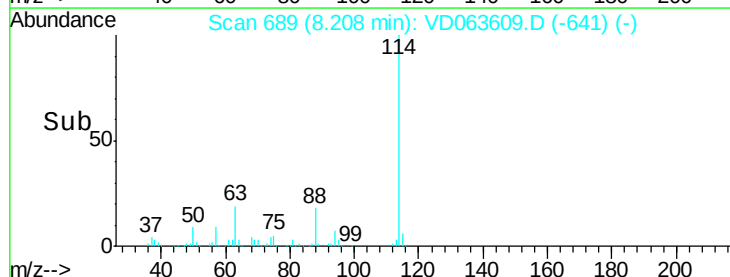
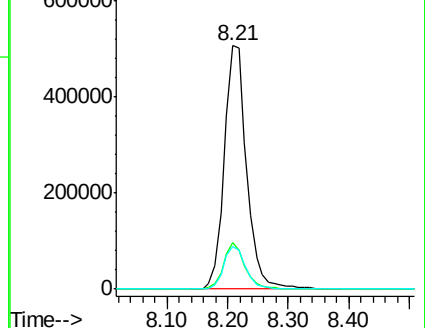
88 17.7 0.0 35.0

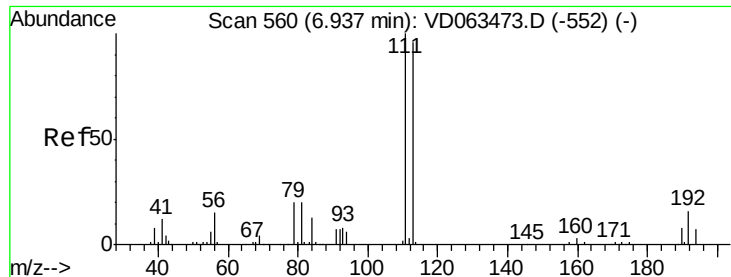


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 43.688 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063609.D

Acq: 15 Aug 2019 16:54

Instrument :

MSVOA_D

ClientSampleId :

VOC-27RE

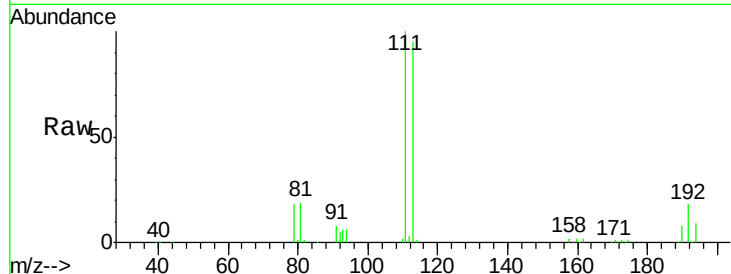
Tot Ion:113 Resp: 478136

Ion Ratio Lower Upper

113 100

111 104.7 83.1 124.7

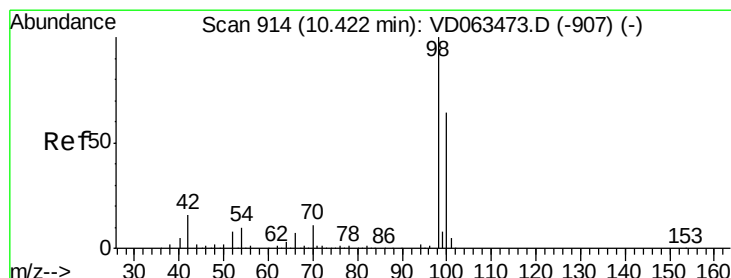
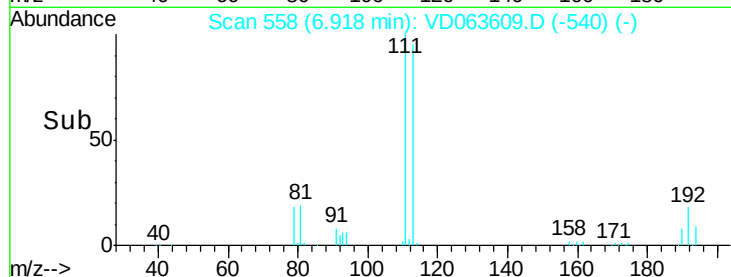
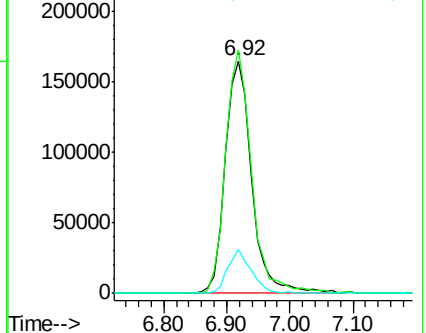
192 18.9 13.1 19.7



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: 36.958 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.02 min

Lab File: VD063609.D

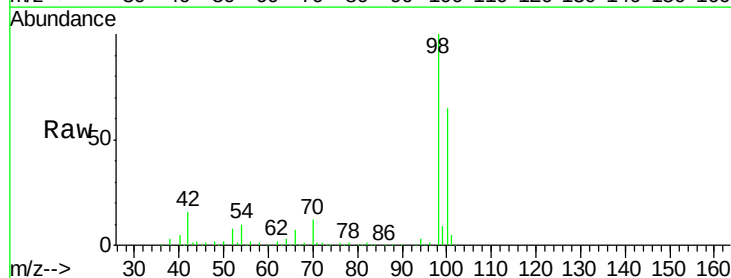
Acq: 15 Aug 2019 16:54

Tgt Ion: 98 Resp: 889263

Ion Ratio Lower Upper

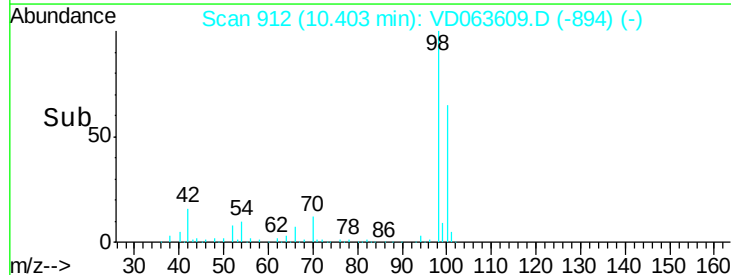
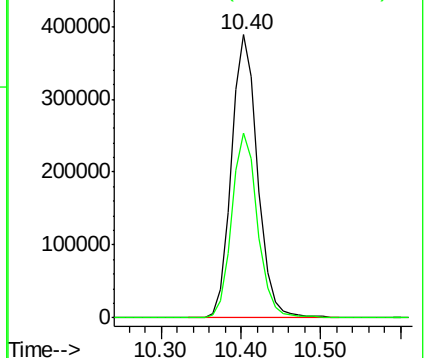
98 100

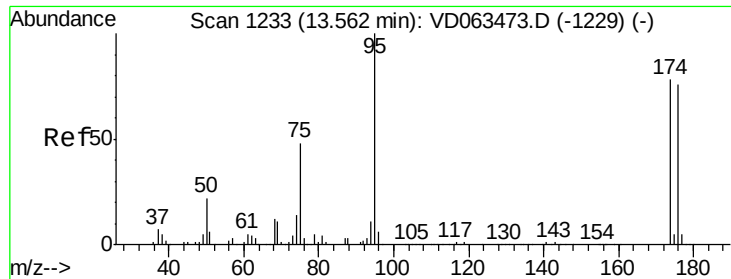
100 65.4 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

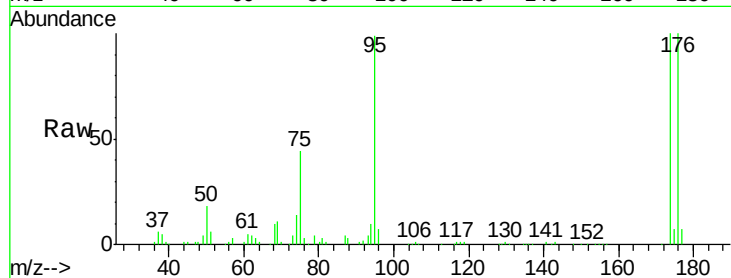




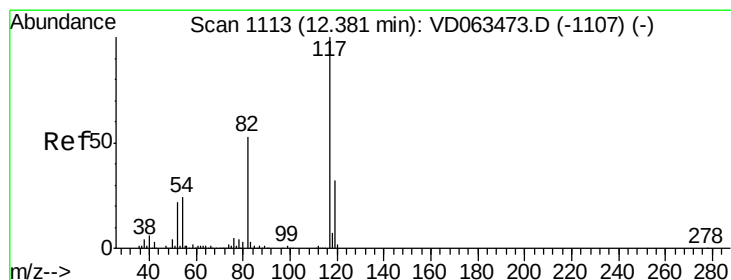
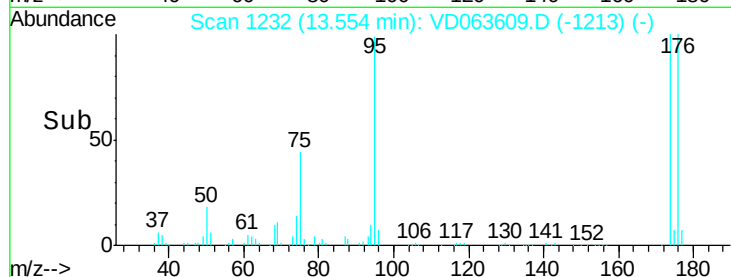
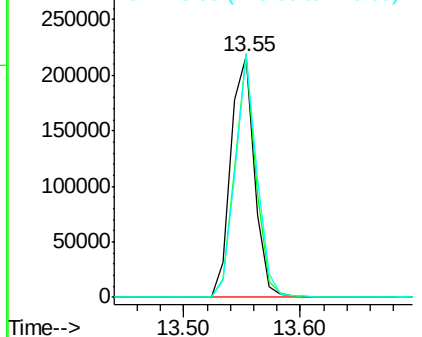
#62
4-Bromofluorobenzene
Concen: 27.899 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063609.D
Acq: 15 Aug 2019 16:54

Instrument :
MSVOA_D
ClientSampleId :
VOC-27RE

Tot Ion: 95 Resp: 304258
Ion Ratio Lower Upper
95 100
174 101.0 0.0 155.4
176 101.1 0.0 152.4

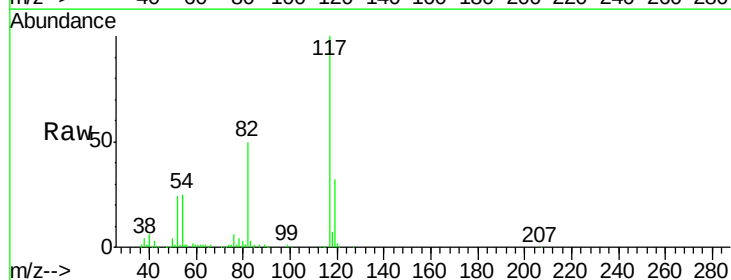


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

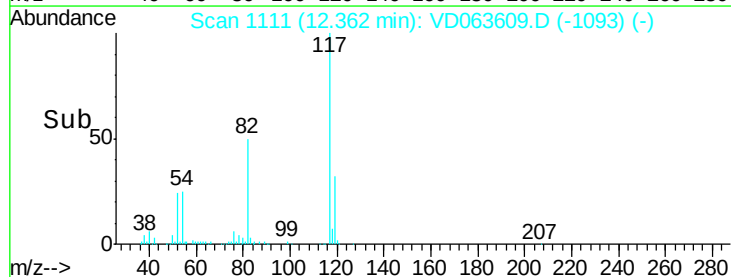
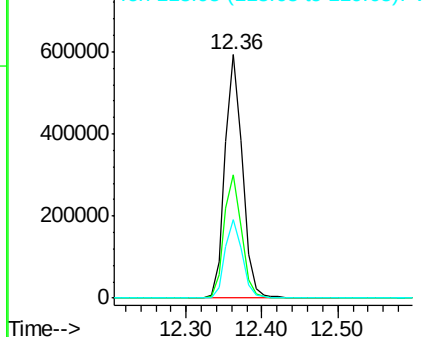


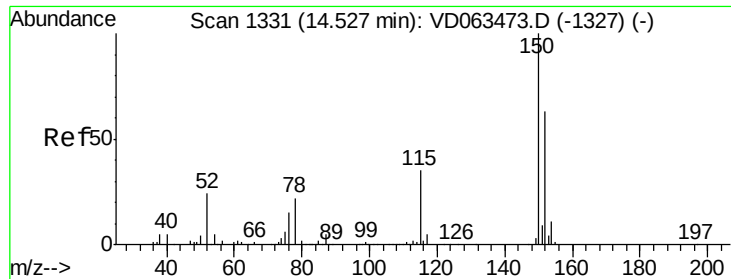
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063609.D
Acq: 15 Aug 2019 16:54

Tgt Ion: 117 Resp: 946624
Ion Ratio Lower Upper
117 100
82 50.5 42.0 63.0
119 32.4 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: VD063609.D

Acq: 15 Aug 2019 16:54

Instrument :

MSVOA_D

ClientSampleId :

VOC-27RE

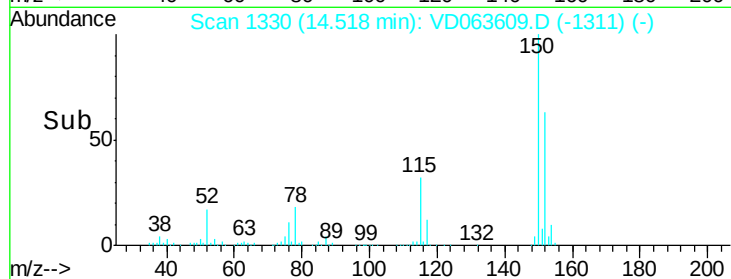
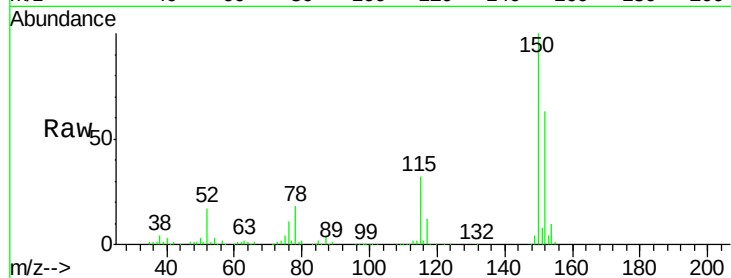
Tot Ion:152 Resp: 277412

Ion Ratio Lower Upper

152 100

115 50.8 30.9 92.7

150 157.7 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

