

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063564.D
 Acq On : 14 Aug 2019 9:49
 Operator : JC/SY
 Sample : K4294-07
 Misc : 5.08g/5ml/MSVOA D/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200052RE

Quant Time: Aug 14 11:15:55 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

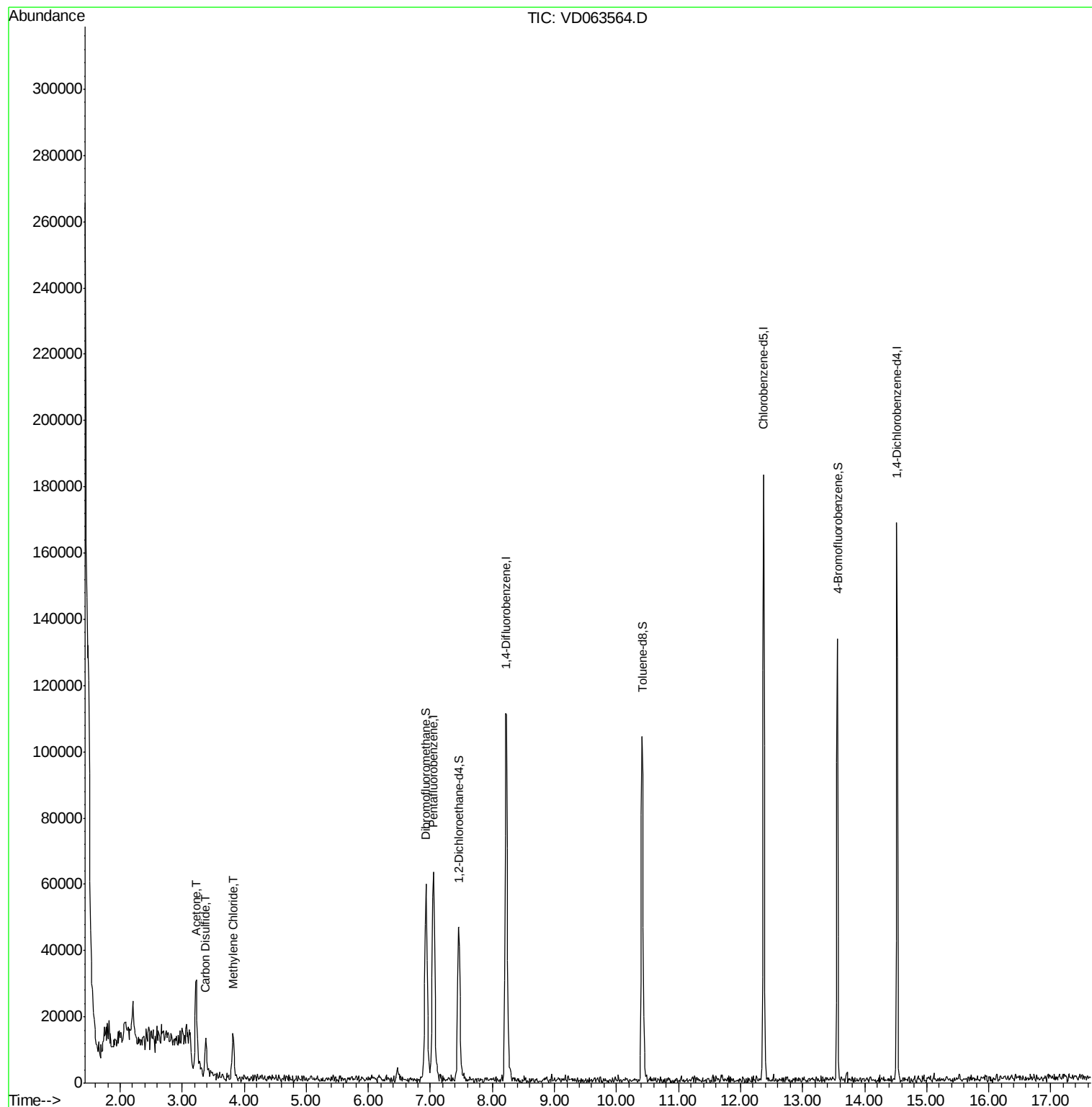
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	62666	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.23	114	124562	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	94806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	36995	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	58362	87.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	174.26%	
35) Dibromofluoromethane	6.93	113	50053	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	
50) Toluene-d8	10.41	98	85577	37.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.20%	
62) 4-Bromofluorobenzene	13.56	95	34211	32.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.46%	
Target Compounds						
16) Acetone	3.23	43	52865	388.235	ug/l	97
17) Carbon Disulfide	3.37	76	21428	13.408	ug/l	96
20) Methylene Chloride	3.82	84	8966	15.227	ug/l #	83

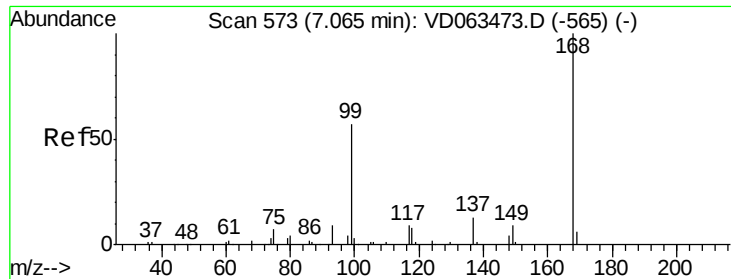
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081319\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.02 min

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Instrument :

MSVOA_D

ClientSampleId :

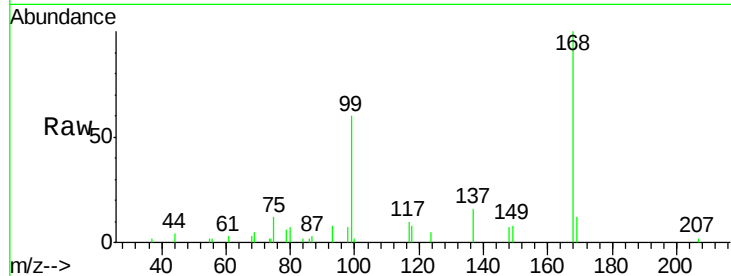
RBR-200052RE

Tot Ion:168 Resp: 62666

Ion Ratio Lower Upper

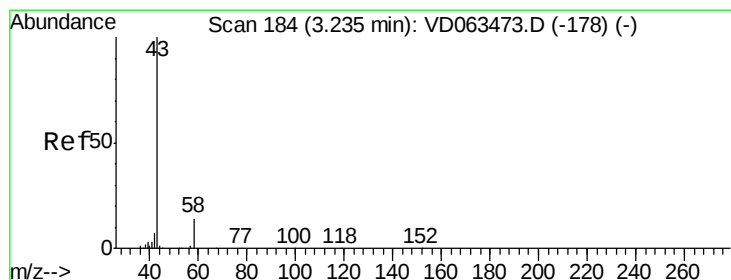
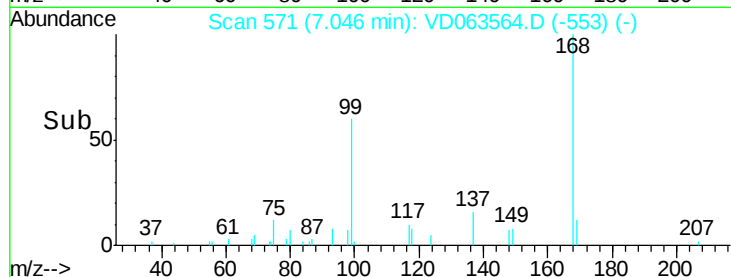
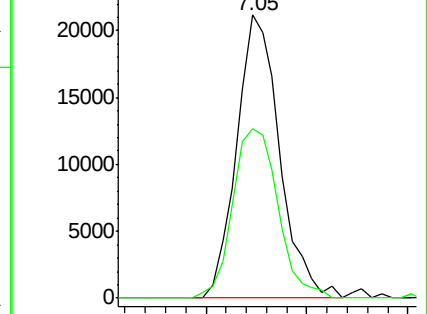
168 100

99 59.7 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: 388.235 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD063564.D

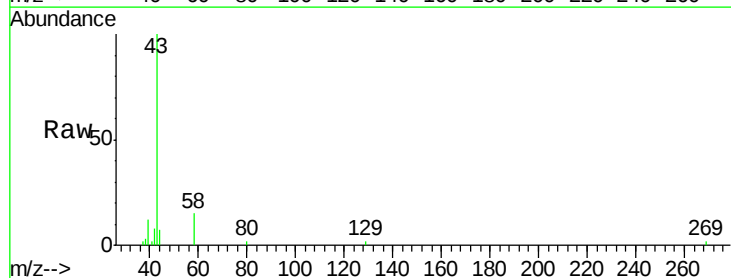
Acq: 14 Aug 2019 9:49

Tgt Ion: 43 Resp: 52865

Ion Ratio Lower Upper

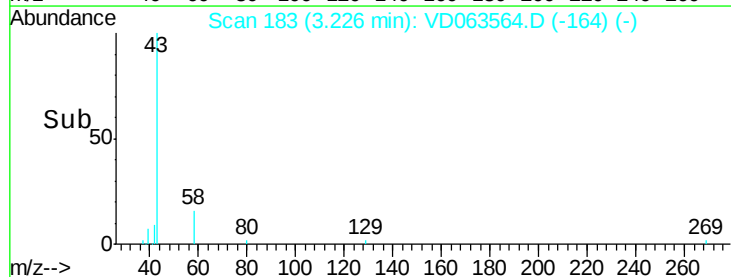
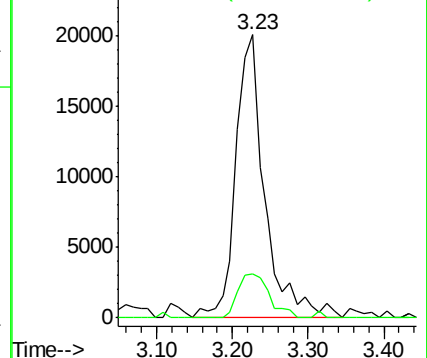
43 100

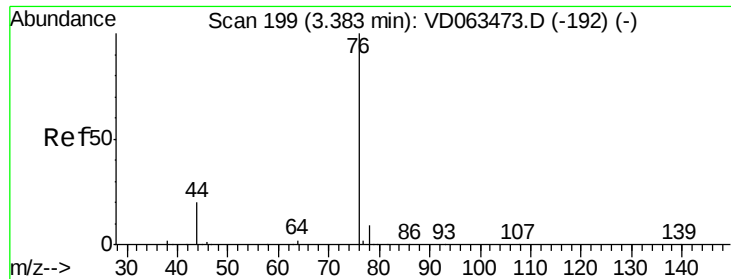
58 15.4 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

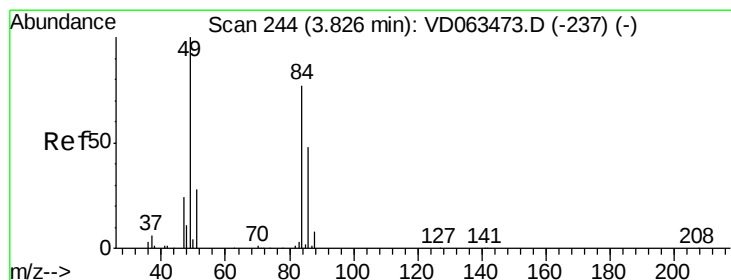
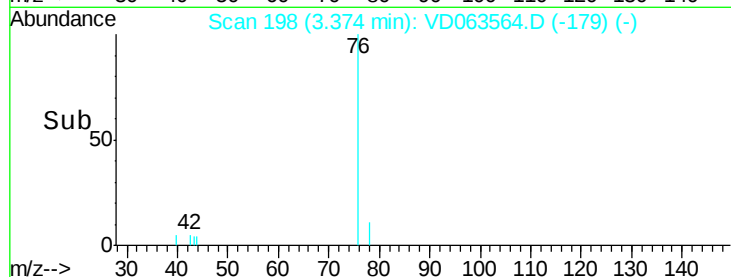
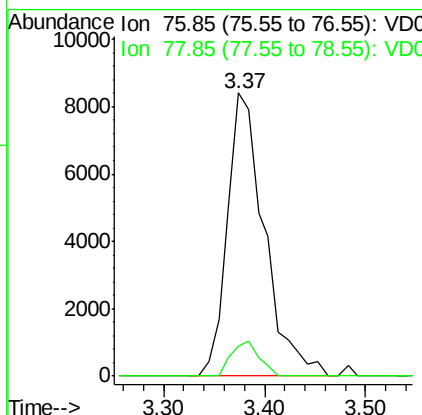
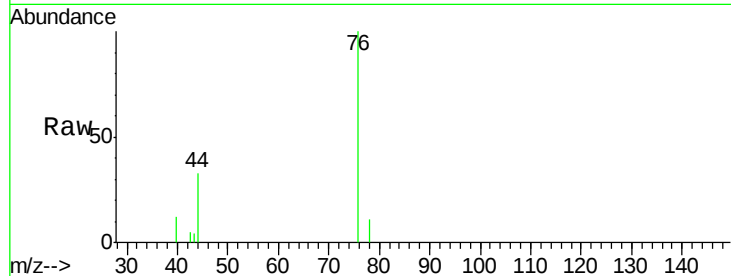




#17
Carbon Disulfide
Concen: 13.408 ug/l
RT: 3.37 min Scan# 198
Delta R.T. -0.01 min
Lab File: VD063564.D
Acq: 14 Aug 2019 9:49

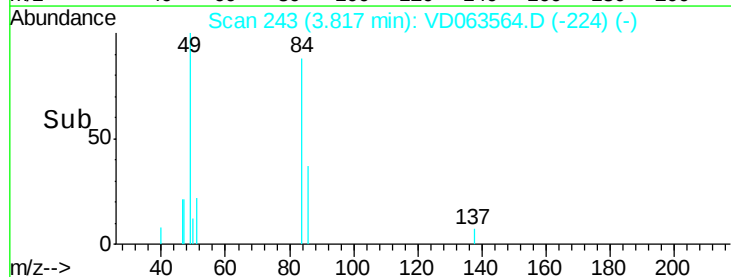
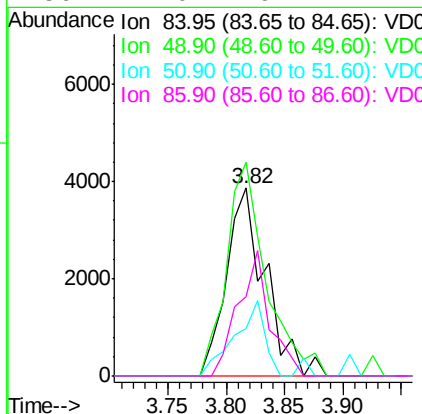
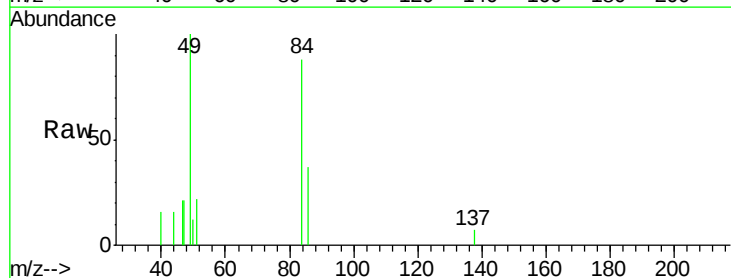
Instrument :
MSVOA_D
ClientSampleId :
RBR-200052RE

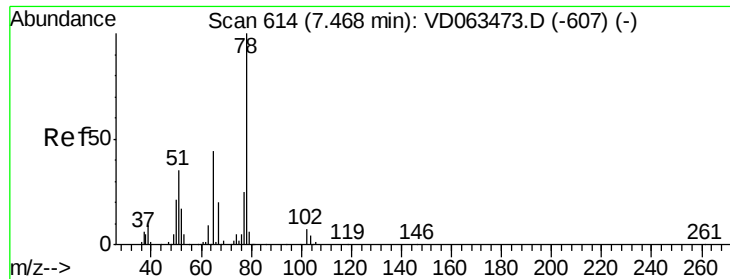
Tot Ion: 76 Resp: 21428
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0



#20
Methylene Chloride
Concen: 15.227 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD063564.D
Acq: 14 Aug 2019 9:49

Tgt Ion: 84 Resp: 8966
Ion Ratio Lower Upper
84 100
49 113.9 103.4 155.2
51 25.2 28.5 42.7#
86 42.0 49.4 74.2#

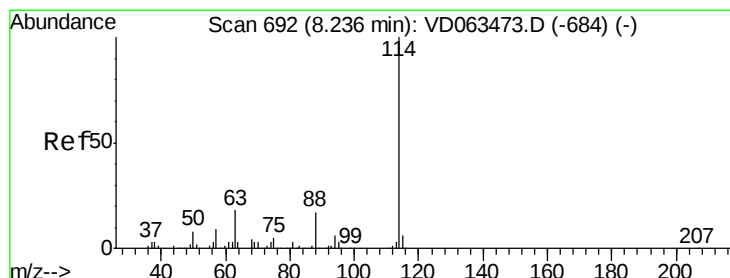
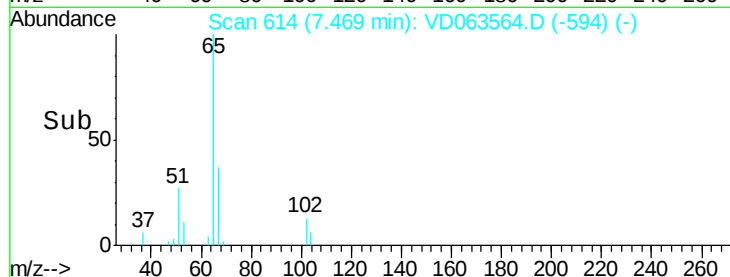
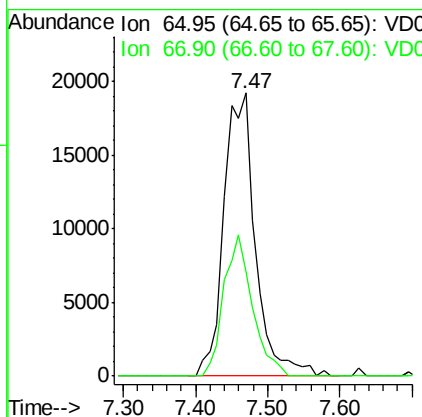
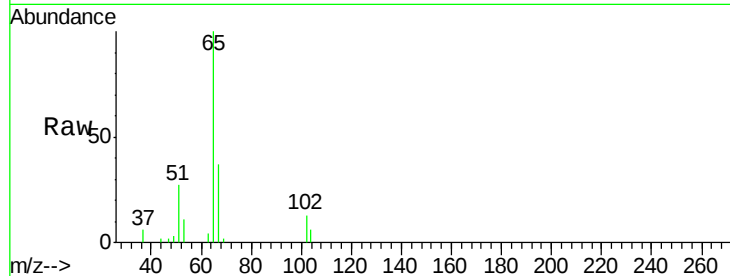




#33
 1,2-Dichloroethane-d4
 Concen: 87.127 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: VD063564.D
 Acq: 14 Aug 2019 9:49

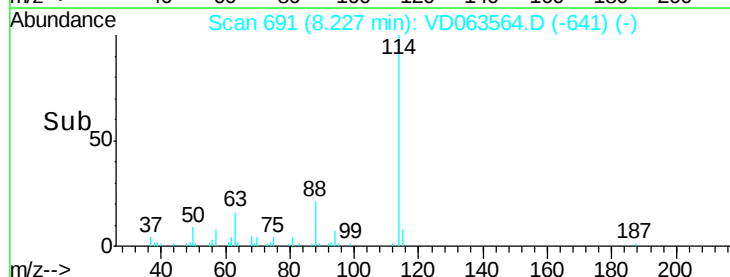
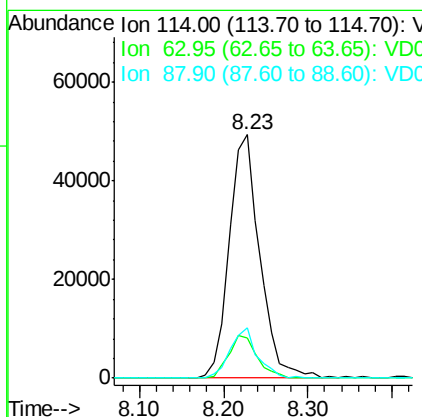
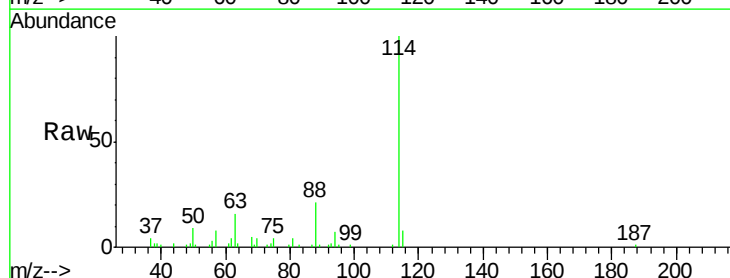
Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200052RE

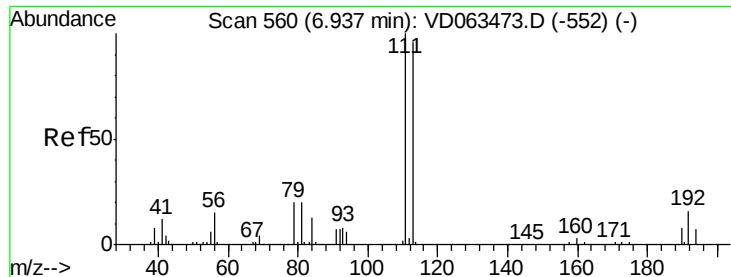
Tot Ion: 65 Resp: 58362
 Ion Ratio Lower Upper
 65 100
 67 36.6 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: VD063564.D
 Acq: 14 Aug 2019 9:49

Tgt Ion: 114 Resp: 124562
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 36.2
 88 20.9 0.0 35.0





#35

Dibromofluoromethane

Concen: 47.712 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063564.D

Acq: 14 Aug 2019 9:49

Instrument :

MSVOA_D

ClientSampleId :

RBR-200052RE

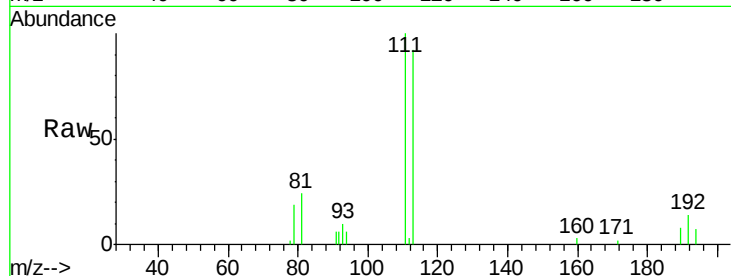
Tot Ion:113 Resp: 50053

Ion Ratio Lower Upper

113 100

111 108.3 83.1 124.7

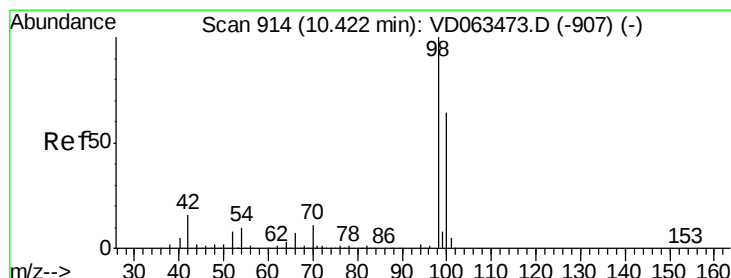
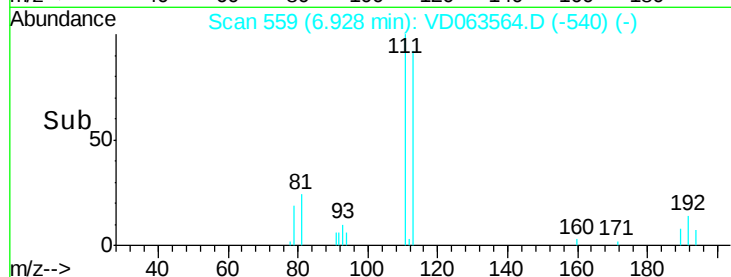
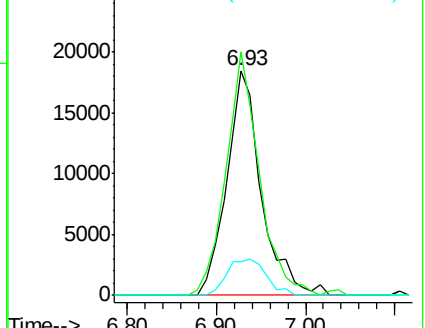
192 15.1 13.1 19.7



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: 37.104 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD063564.D

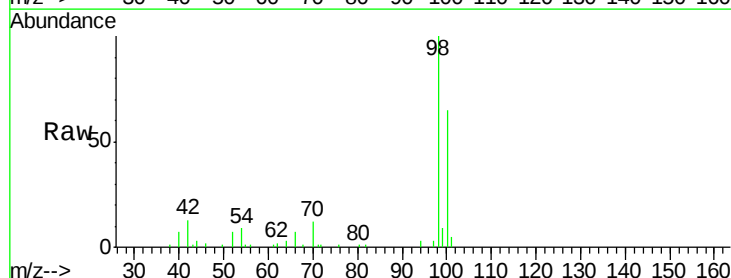
Acq: 14 Aug 2019 9:49

Tgt Ion: 98 Resp: 85577

Ion Ratio Lower Upper

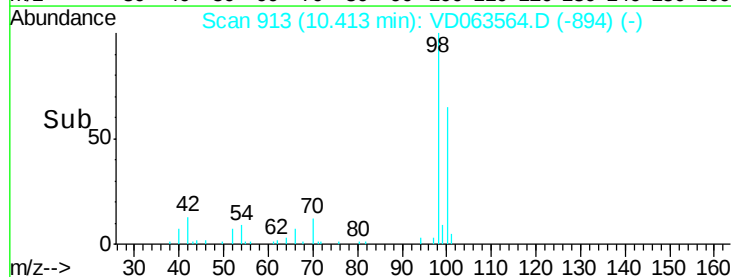
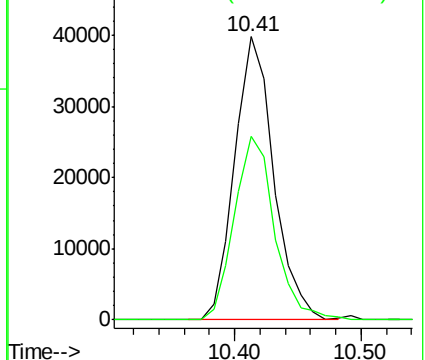
98 100

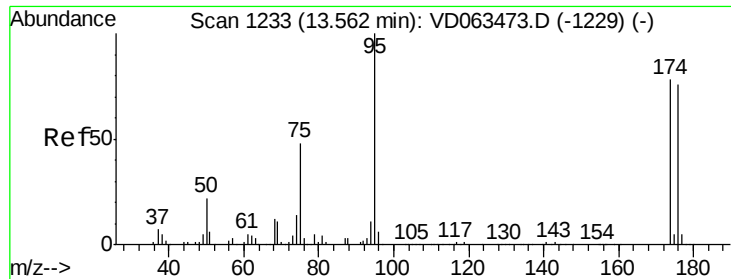
100 64.8 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

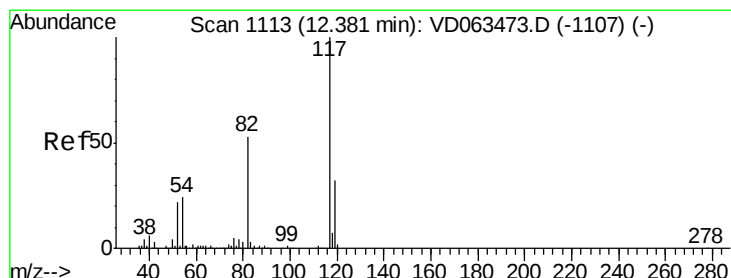
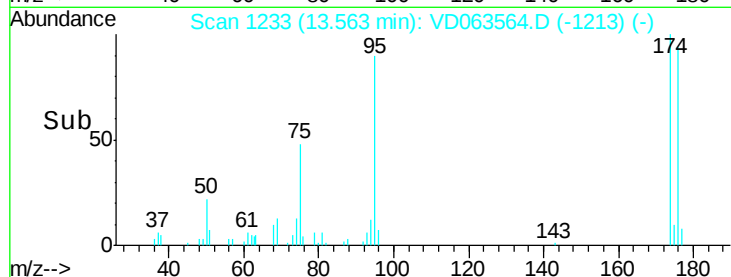
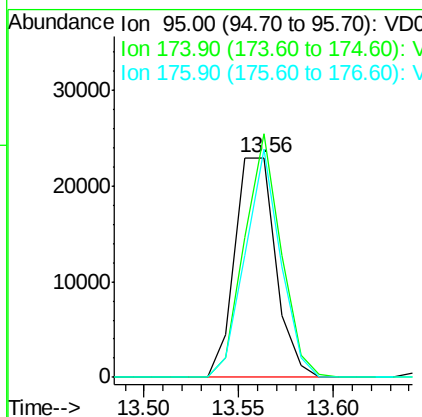
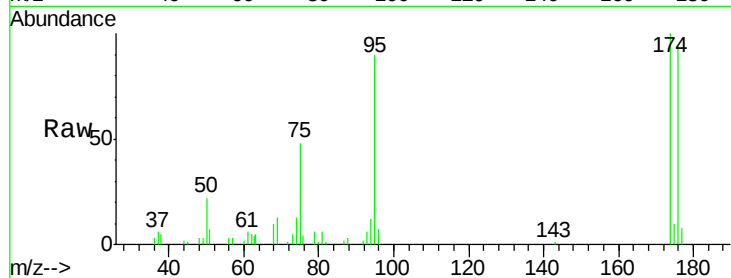




#62
4-Bromofluorobenzene
Concen: 32.726 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD063564.D
Acq: 14 Aug 2019 9:49

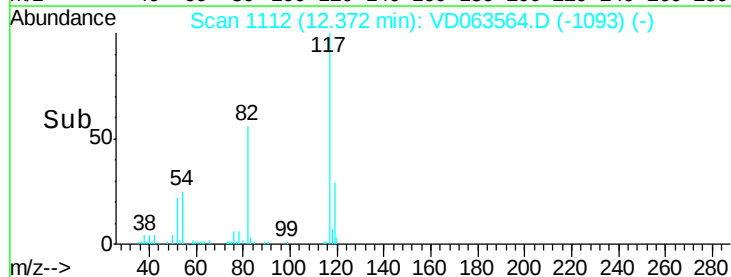
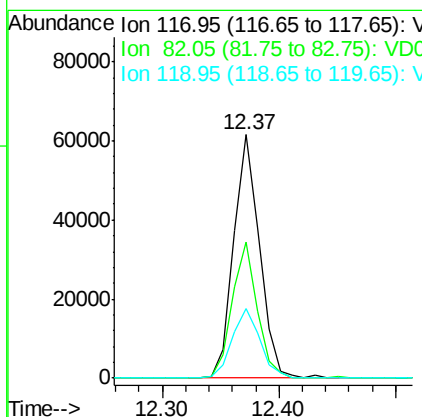
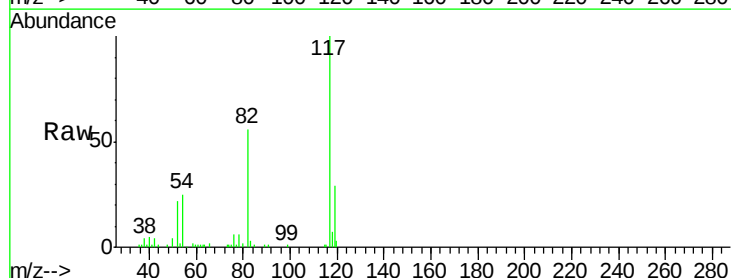
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RBR-200052RE

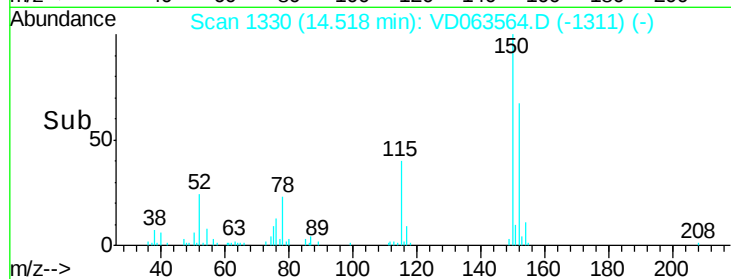
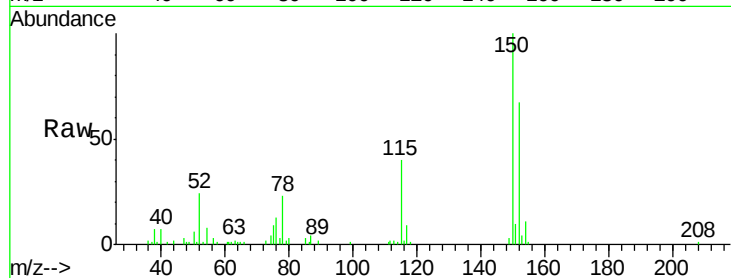
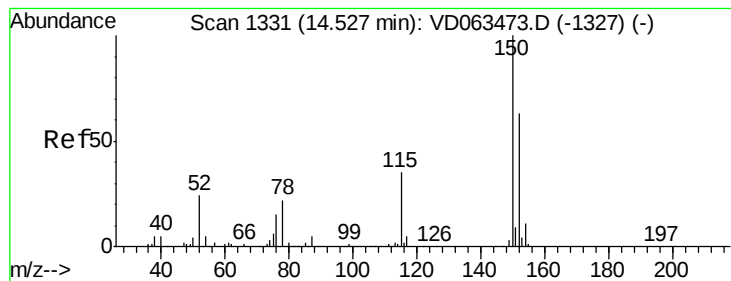
Tot Ion: 95 Resp: 34211
Ion Ratio Lower Upper
95 100
174 111.0 0.0 155.4
176 103.9 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063564.D
Acq: 14 Aug 2019 9:49

Tgt Ion: 117 Resp: 94806
Ion Ratio Lower Upper
117 100
82 55.9 42.0 63.0
119 28.5 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD063564.D

Acq: 14 Aug 2019 9:49

Instrument :

MSVOA_D

ClientSampleId :

RBR-200052RE

Tot Ion:152 Resp: 36995

Ion Ratio Lower Upper

152 100

115 59.4 30.9 92.7

150 150.3 0.0 318.6

