

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070819\
 Data File : VD063040.D
 Acq On : 8 Jul 2019 16:58
 Operator : VA/AP
 Sample : K3687-02
 Misc : 5.83g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CONCRETE-RBR-251685

Quant Time: Jul 09 05:43:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	954318	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	1402186	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1148352	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	595181	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	394591	38.04	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	76.08%	
35) Dibromofluoromethane	6.90	113	24782	2.10	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	4.20%	
50) Toluene-d8	10.40	98	907492	35.27	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	70.54%	
62) 4-Bromofluorobenzene	13.55	95	383618	32.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.58%	

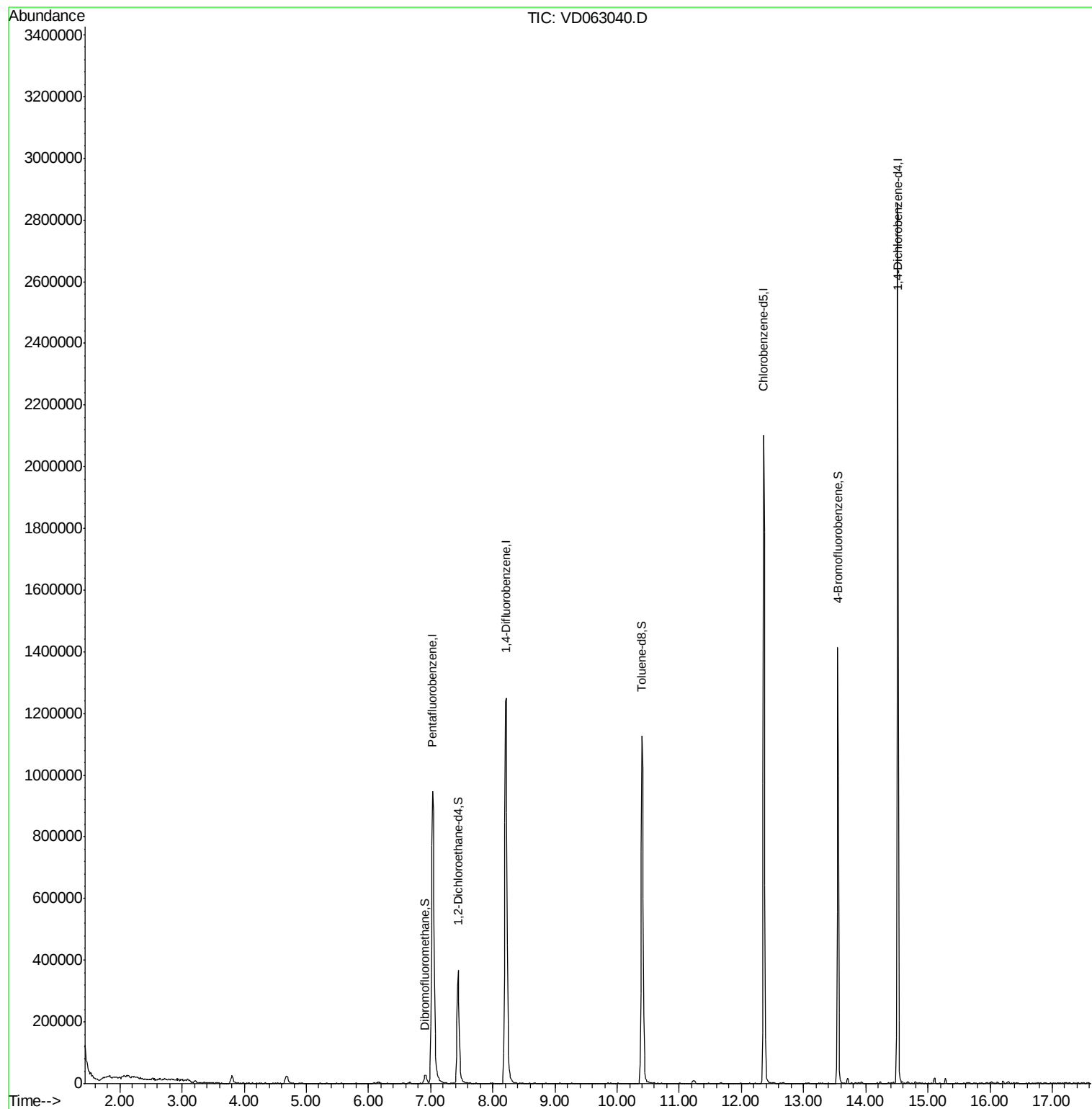
Target Compounds	Qvalue
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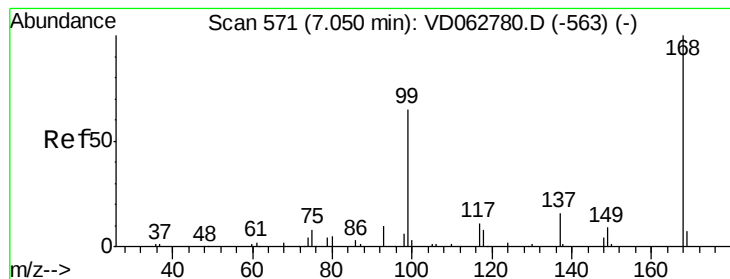
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.02 min

Lab File: VD063040.D

Acq: 8 Jul 2019 16:58

Instrument :

MSVOA_D

ClientSampleId :

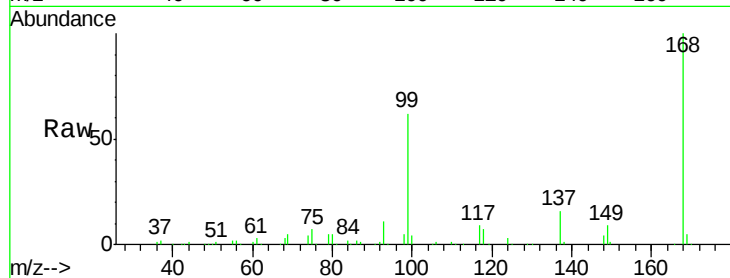
CONCRETE-RBR-251685

Tot Ion:168 Resp: 954318

Ion Ratio Lower Upper

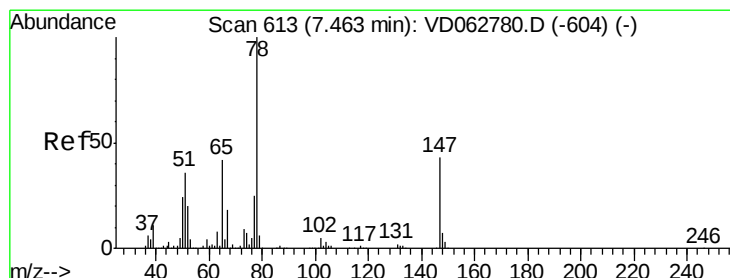
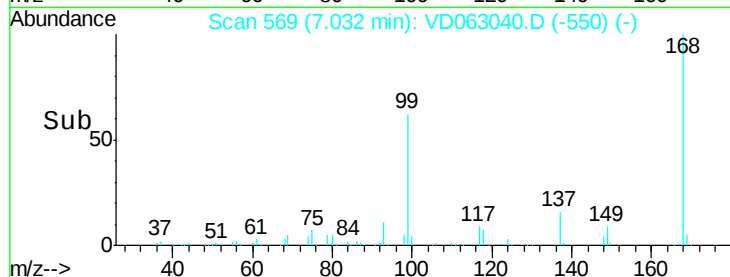
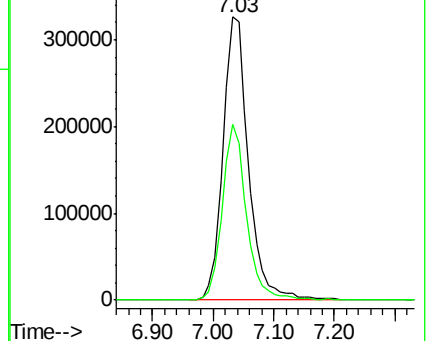
168 100

99 62.0 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 38.039 ug/l

RT: 7.45 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD063040.D

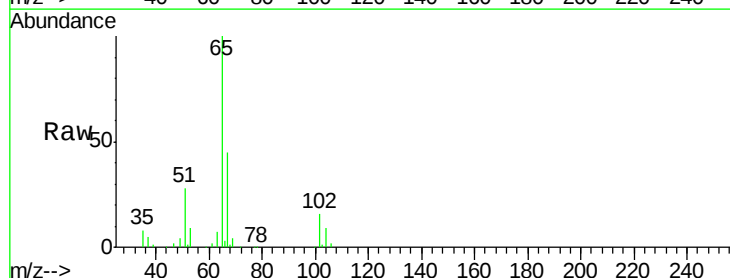
Acq: 8 Jul 2019 16:58

Tgt Ion: 65 Resp: 394591

Ion Ratio Lower Upper

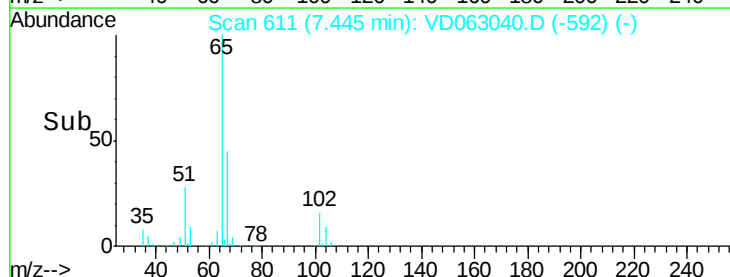
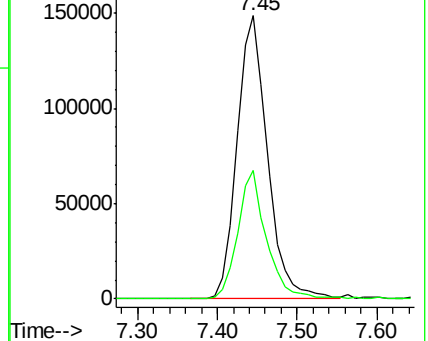
65 100

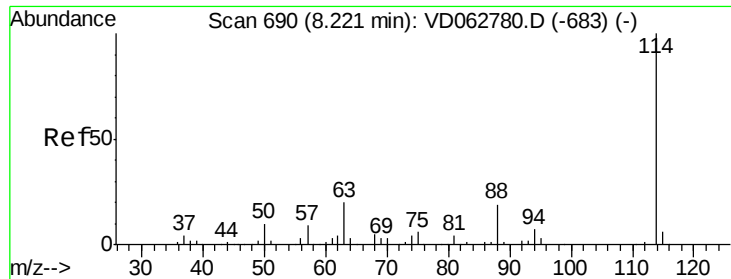
67 45.2 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

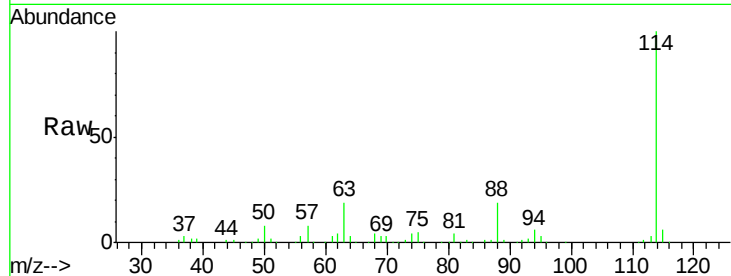




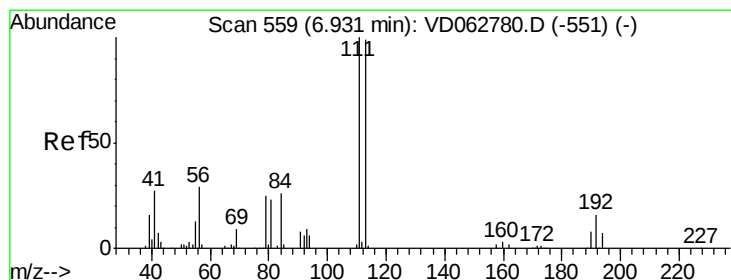
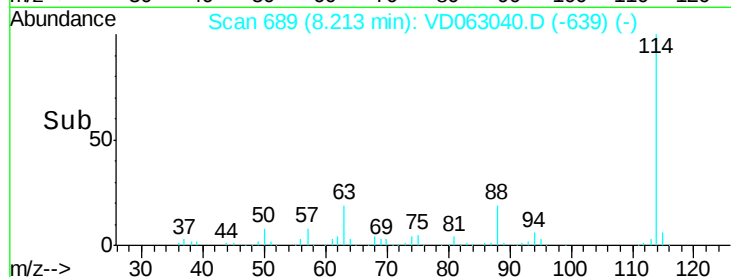
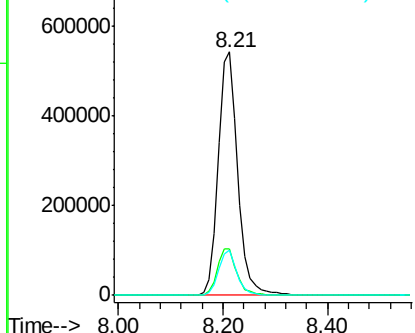
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD063040.D
 Acq: 8 Jul 2019 16:58

Instrument :
 MSVOA_D
 ClientSampleId :
 CONCRETE-RBR-251685

Tot Ion:114 Resp: 1402186
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 40.0
 88 18.5 0.0 38.8

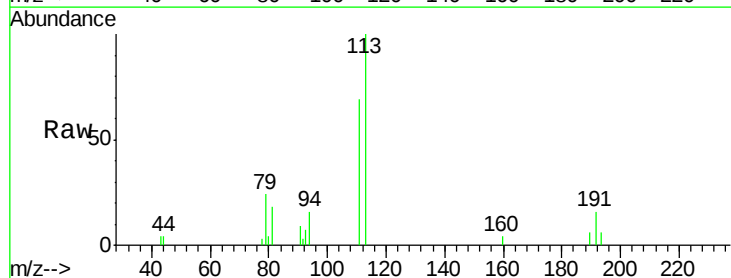


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

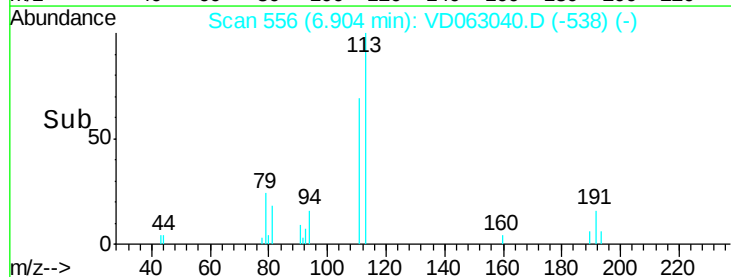
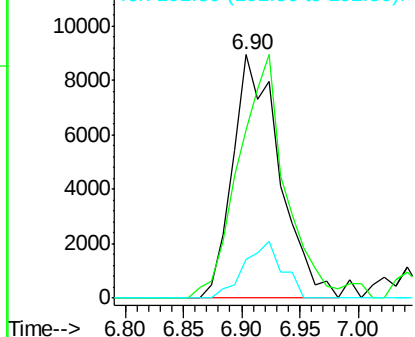


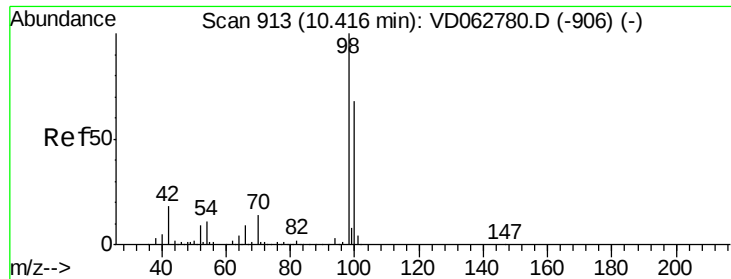
#35
 Dibromofluoromethane
 Concen: 2.096 ug/l
 RT: 6.90 min Scan# 556
 Delta R.T. -0.03 min
 Lab File: VD063040.D
 Acq: 8 Jul 2019 16:58

Tgt Ion:113 Resp: 24782
 Ion Ratio Lower Upper
 113 100
 111 69.3 81.2 121.8#
 192 15.7 12.9 19.3



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

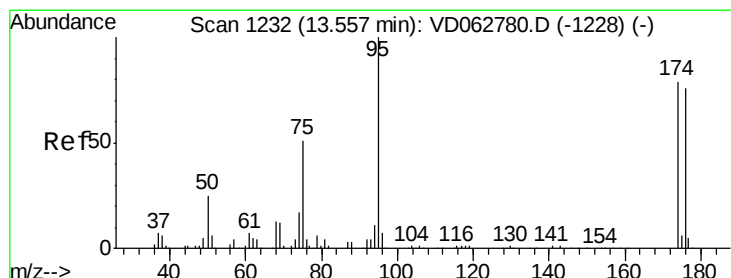
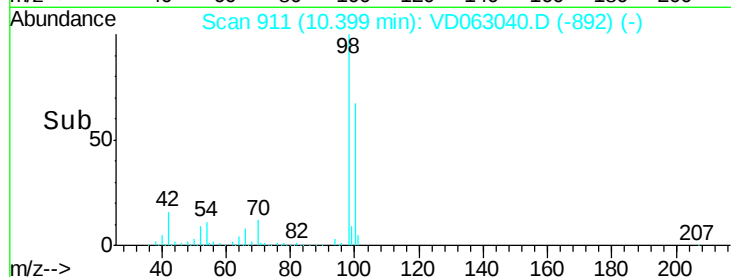
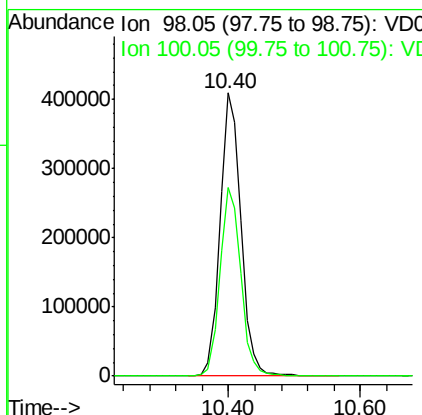
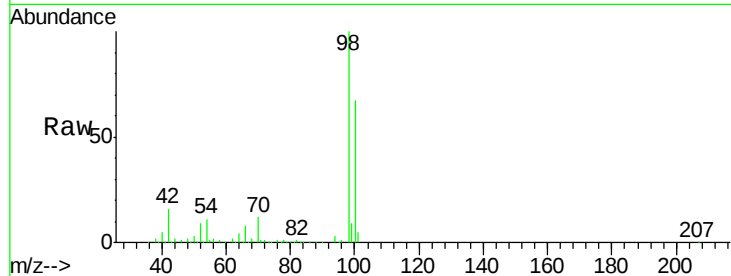




#50
Toluene-d8
Concen: 35.266 ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.02 min
Lab File: VD063040.D
Acq: 8 Jul 2019 16:58

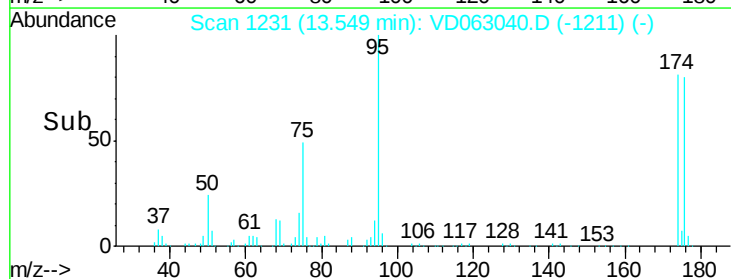
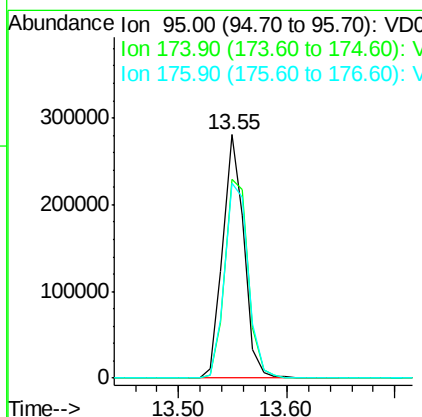
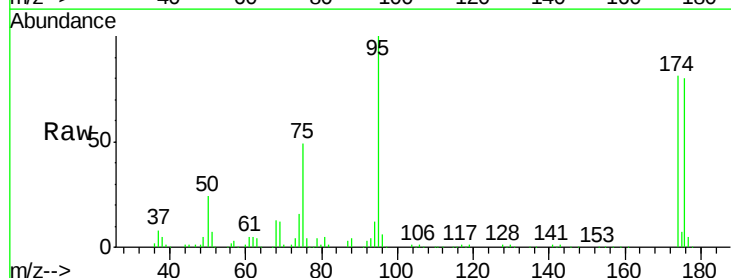
Instrument :
MSVOA_D
ClientSampleId :
CONCRETE-RBR-251685

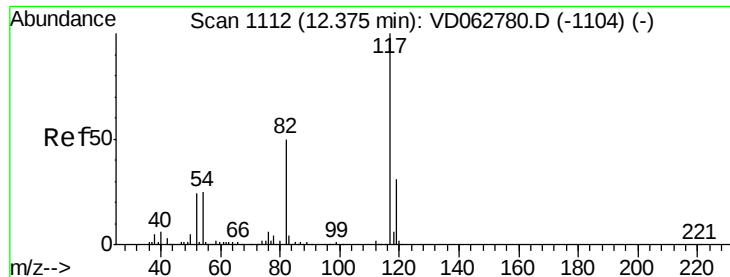
Tot Ion: 98 Resp: 907492
Ion Ratio Lower Upper
98 100
100 66.5 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 32.786 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063040.D
Acq: 8 Jul 2019 16:58

Tgt Ion: 95 Resp: 383618
Ion Ratio Lower Upper
95 100
174 81.4 0.0 158.0
176 80.1 0.0 151.6

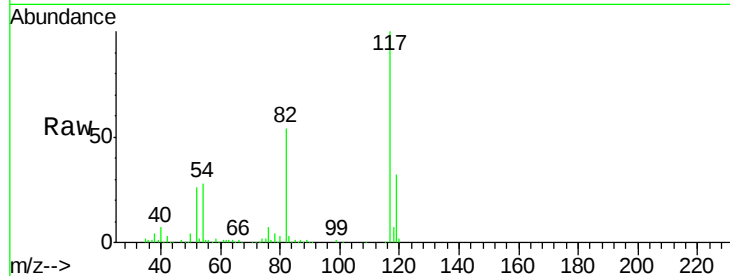




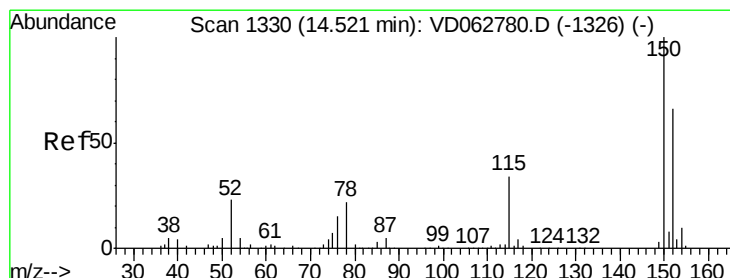
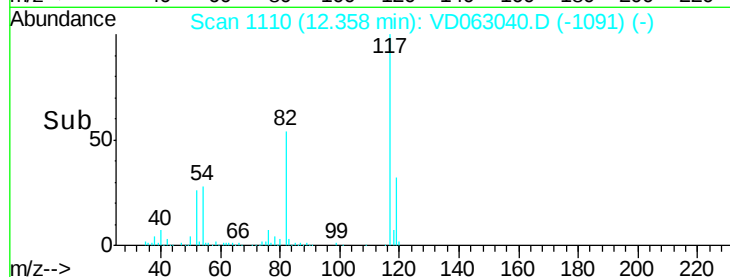
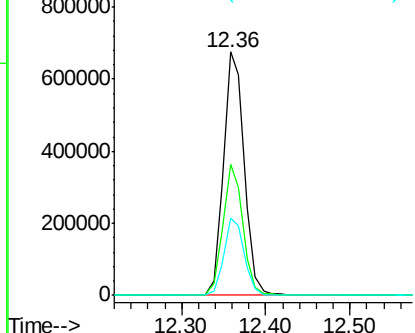
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD063040.D
Acq: 8 Jul 2019 16:58

Instrument :
MSVOA_D
ClientSampleId :
CONCRETE-RBR-251685

Tot Ion:117 Resp: 1148352
Ion Ratio Lower Upper
117 100
82 54.0 40.4 60.6
119 31.9 25.2 37.8

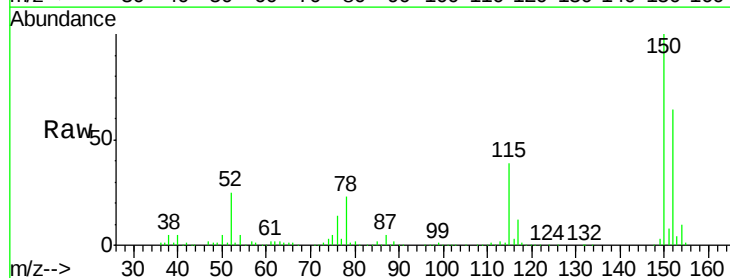


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063040.D
Acq: 8 Jul 2019 16:58

Tgt Ion:152 Resp: 595181
Ion Ratio Lower Upper
152 100
115 60.5 29.2 87.6
150 155.8 0.0 305.8



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

