

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080119\
 Data File : VD063299.D
 Acq On : 1 Aug 2019 18:18
 Operator : VA/AP
 Sample : K4120-09
 Misc : 4.42g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T3-3

Quant Time: Aug 02 08:21:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

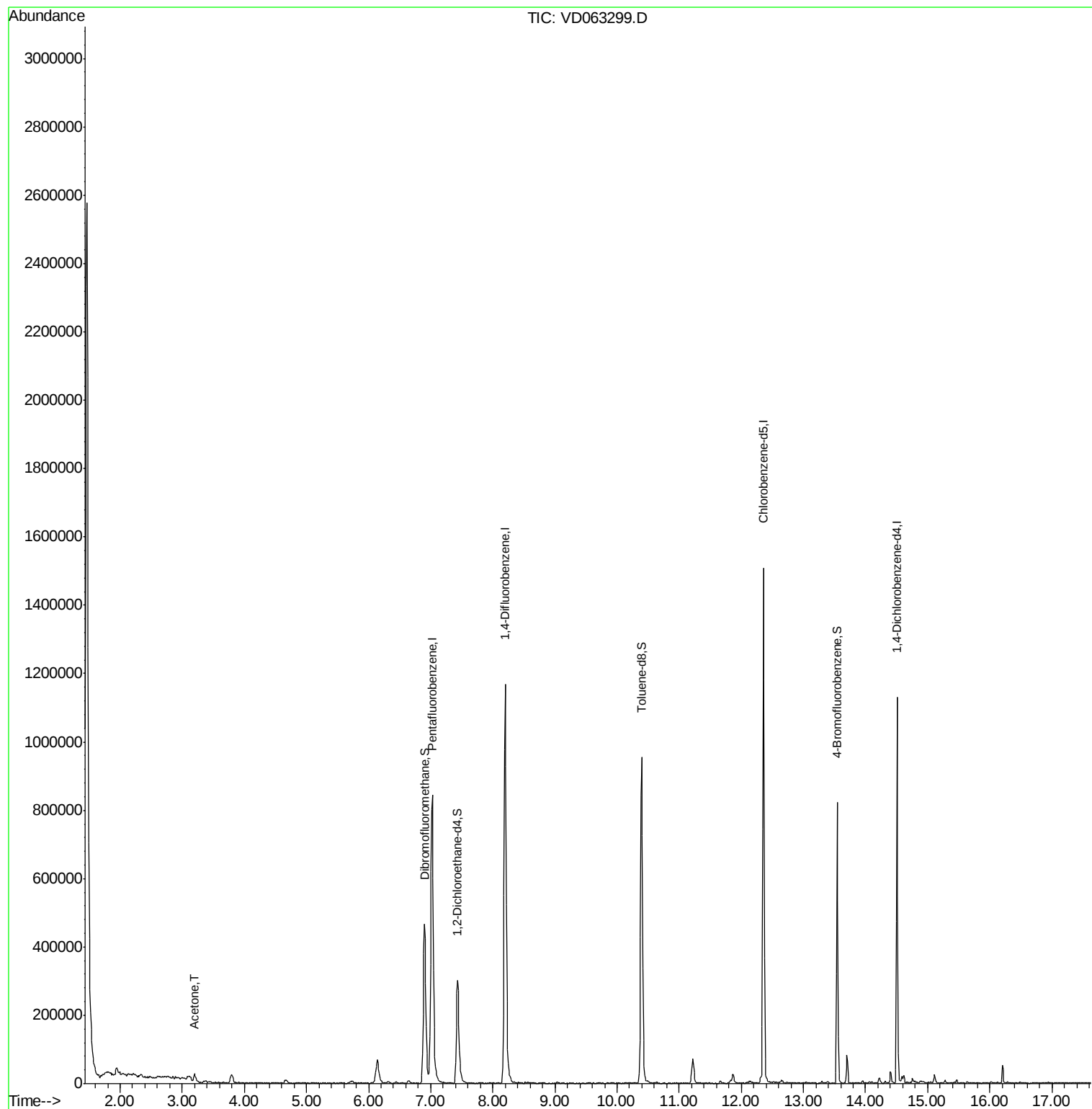
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	841819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1279809	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	824140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	225504	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	342244	36.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.28%	
35) Dibromofluoromethane	6.90	113	410193	37.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.08%	
50) Toluene-d8	10.39	98	799769	32.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.40%	
62) 4-Bromofluorobenzene	13.54	95	218192	19.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	39.16%	
Target Compounds						
16) Acetone	3.20	43	37622	20.672	ug/l	Qvalue 95

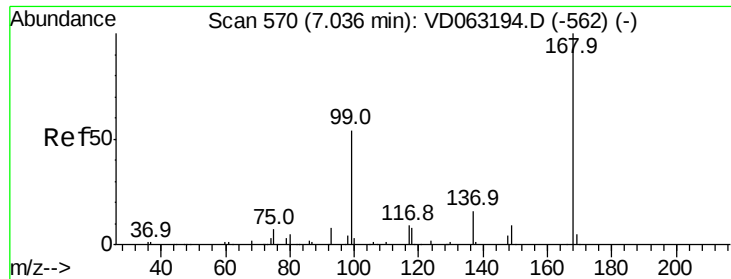
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080119\
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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.01 min

Lab File: VD063299.D

Acq: 1 Aug 2019 18:18

Instrument :

MSVOA_D

ClientSampleId :

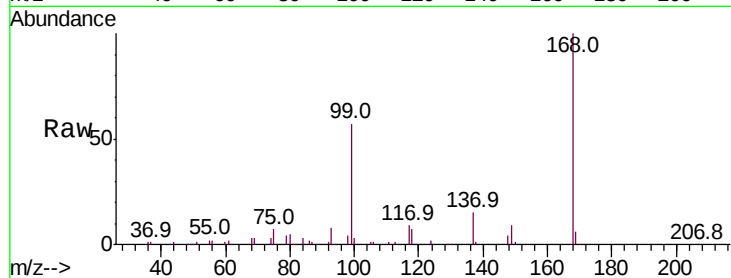
T3-3

Tot Ion:168 Resp: 841819

Ion Ratio Lower Upper

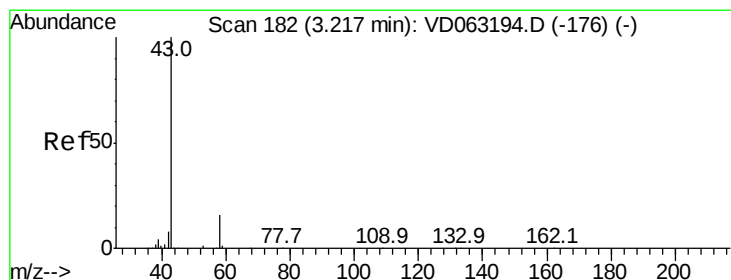
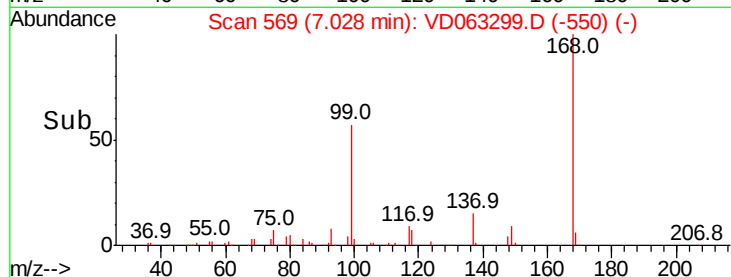
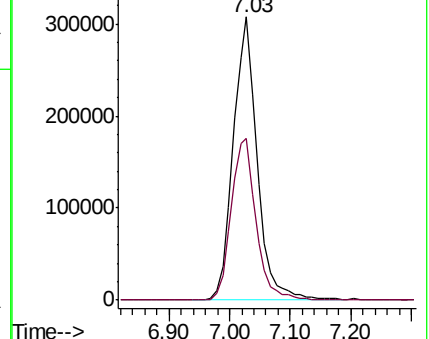
168 100

99 57.1 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 20.672 ug/l

RT: 3.20 min Scan# 180

Delta R.T. -0.02 min

Lab File: VD063299.D

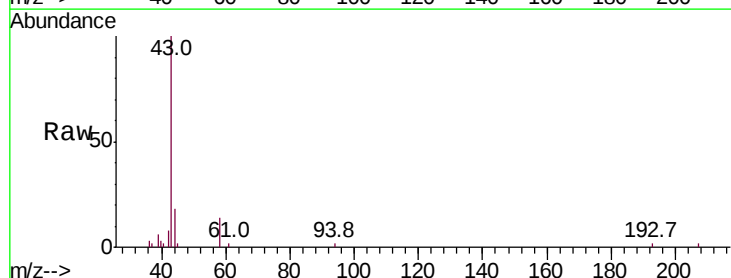
Acq: 1 Aug 2019 18:18

Tgt Ion: 43 Resp: 37622

Ion Ratio Lower Upper

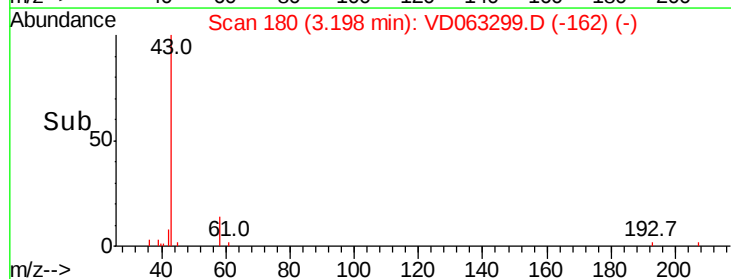
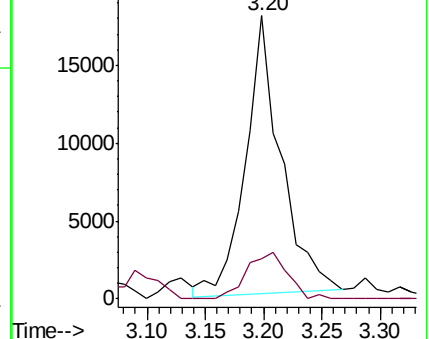
43 100

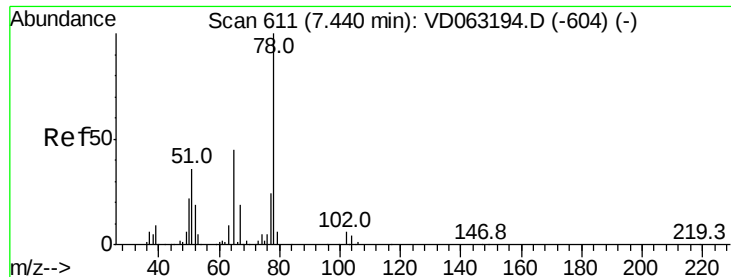
58 14.1 13.0 19.4



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: 36.640 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.01 min

Lab File: VD063299.D

Acq: 1 Aug 2019 18:18

Instrument :

MSVOA_D

ClientSampled :

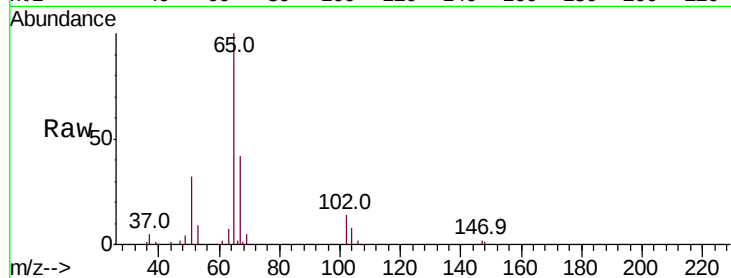
T3-3

Tot Ion: 65 Resp: 342244

Ion Ratio Lower Upper

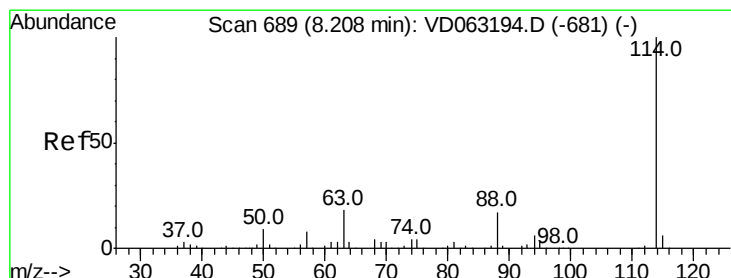
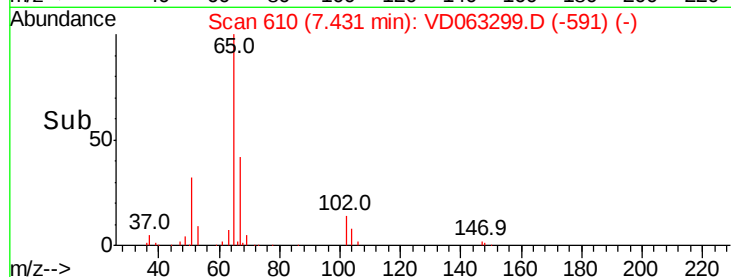
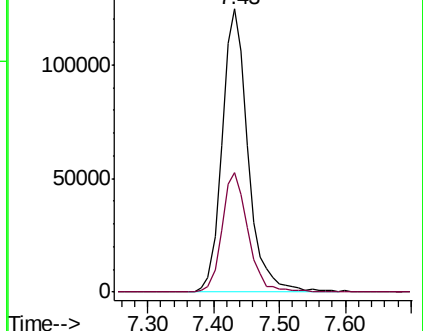
65 100

67 42.1 0.0 85.8



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: 8.20 min Scan# 688

Delta R.T. -0.01 min

Lab File: VD063299.D

Acq: 1 Aug 2019 18:18

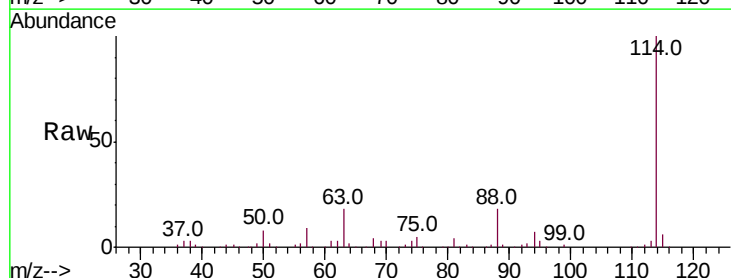
Tgt Ion: 114 Resp: 1279809

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.2

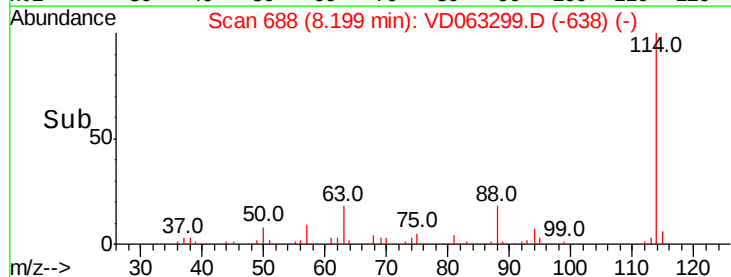
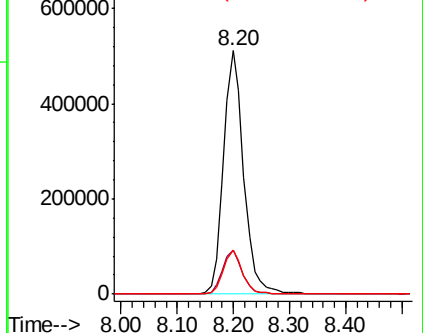
88 18.1 0.0 34.6

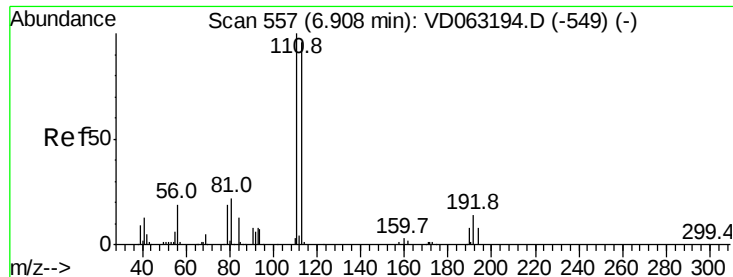


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 37.540 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.01 min

Lab File: VD063299.D

Acq: 1 Aug 2019 18:18

Instrument :

MSVOA_D

ClientSampleId :

T3-3

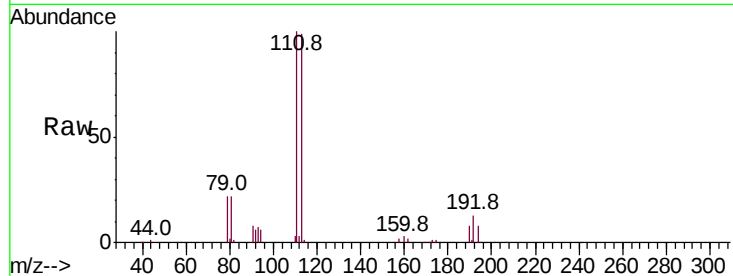
Tot Ion:113 Resp: 410193

Ion Ratio Lower Upper

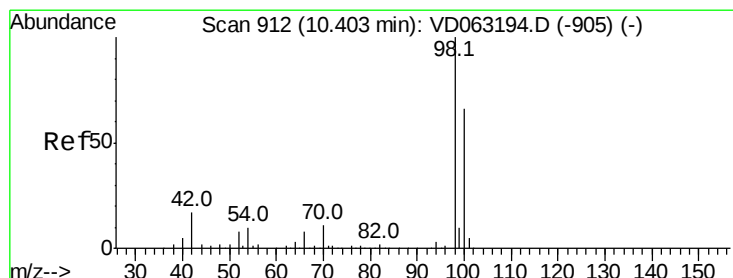
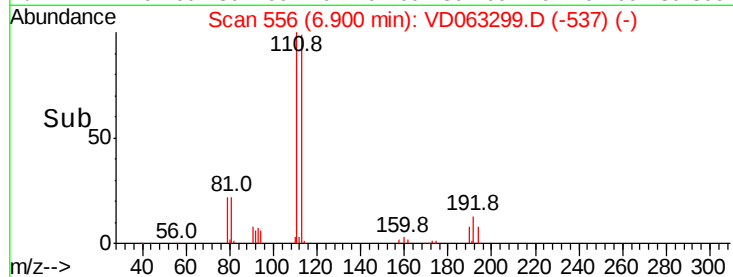
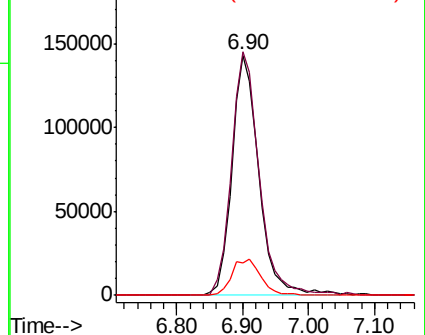
113 100

111 101.4 83.2 124.8

192 13.7 11.8 17.8



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: 32.705 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD063299.D

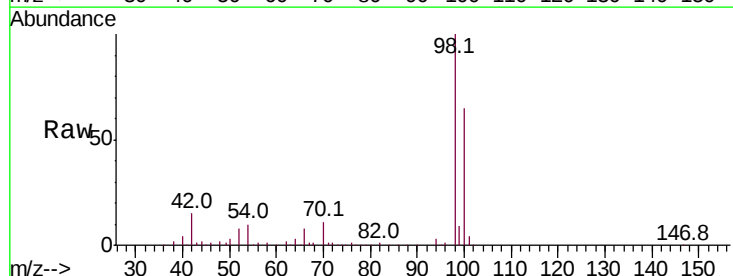
Acq: 1 Aug 2019 18:18

Tgt Ion: 98 Resp: 799769

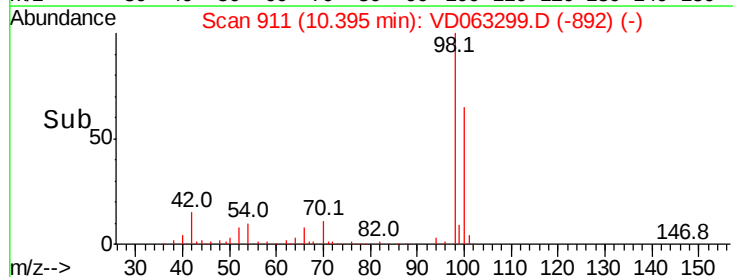
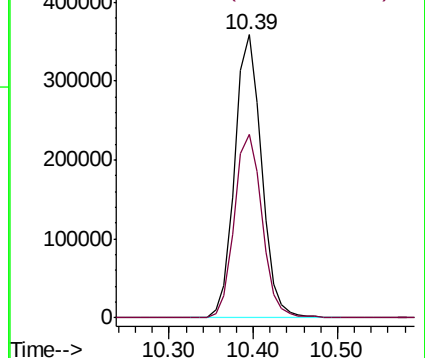
Ion Ratio Lower Upper

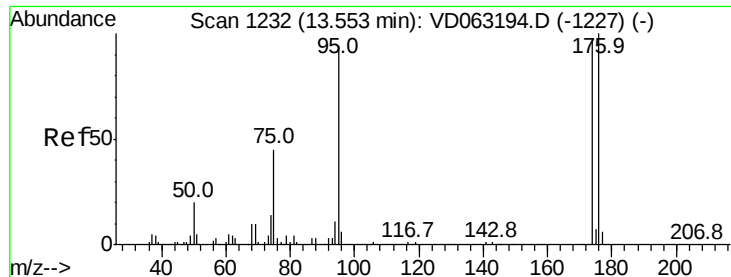
98 100

100 64.9 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V

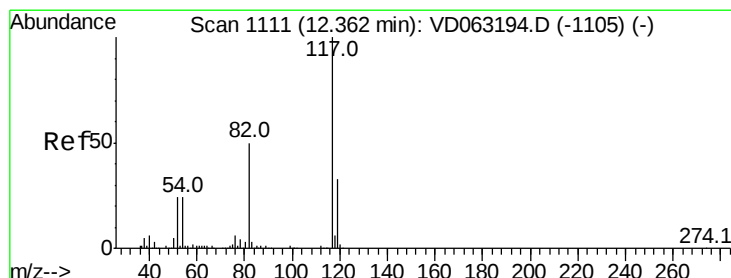
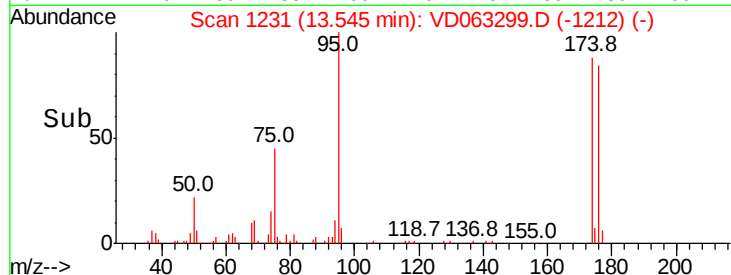
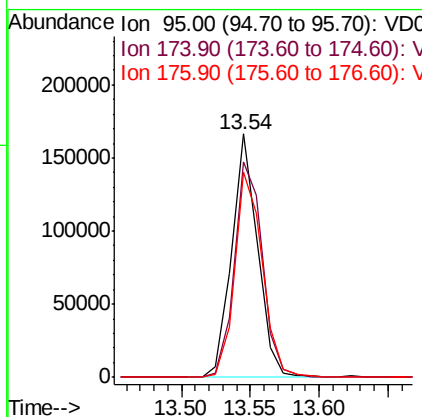
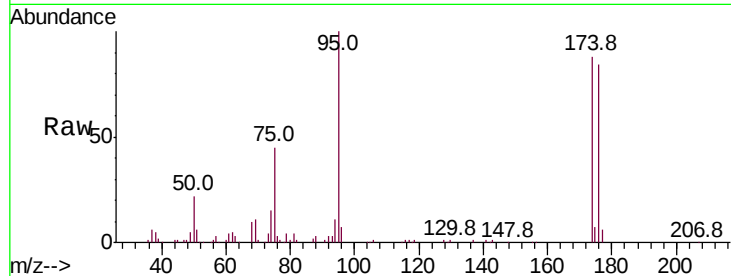




#62
4-Bromofluorobenzene
Concen: 19.580 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063299.D
Acq: 1 Aug 2019 18:18

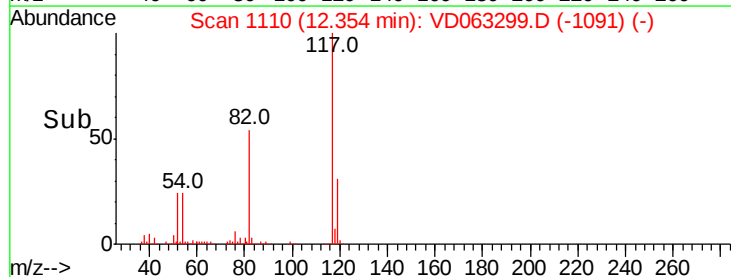
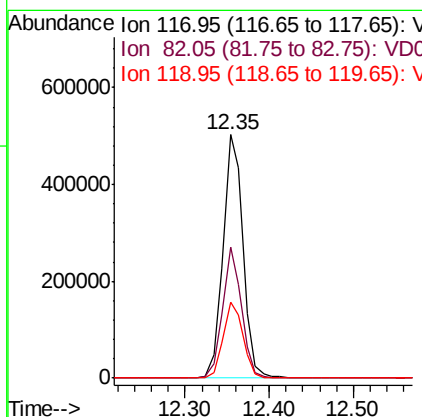
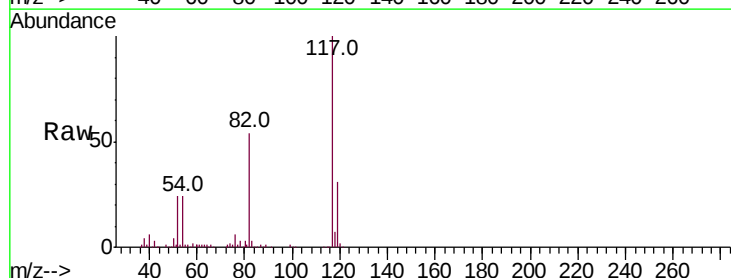
Instrument :
MSVOA_D
ClientSampled :
T3-3

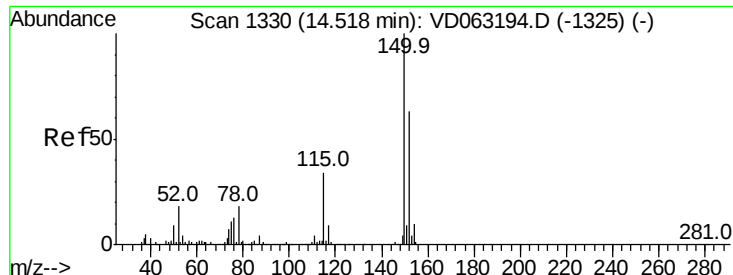
Tot Ion: 95 Resp: 218192
Ion Ratio Lower Upper
95 100
174 88.2 0.0 205.4
176 84.1 0.0 211.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD063299.D
Acq: 1 Aug 2019 18:18

Tgt Ion: 117 Resp: 824140
Ion Ratio Lower Upper
117 100
82 53.7 40.1 60.1
119 31.2 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD063299.D

Acq: 1 Aug 2019 18:18

Instrument :

MSVOA_D

ClientSampleId :

T3-3

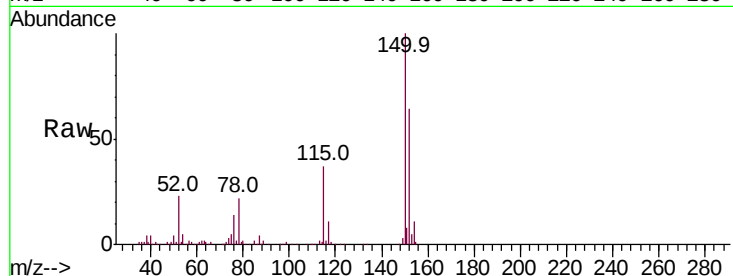
Tot Ion:152 Resp: 225504

Ion Ratio Lower Upper

152 100

115 57.6 27.5 82.4

150 156.2 0.0 320.6



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

