

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080119\
 Data File : VD063302.D
 Acq On : 1 Aug 2019 19:40
 Operator : VA/AP
 Sample : K4120-12
 Misc : 5.14g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SW-2

Quant Time: Aug 02 08:27:05 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

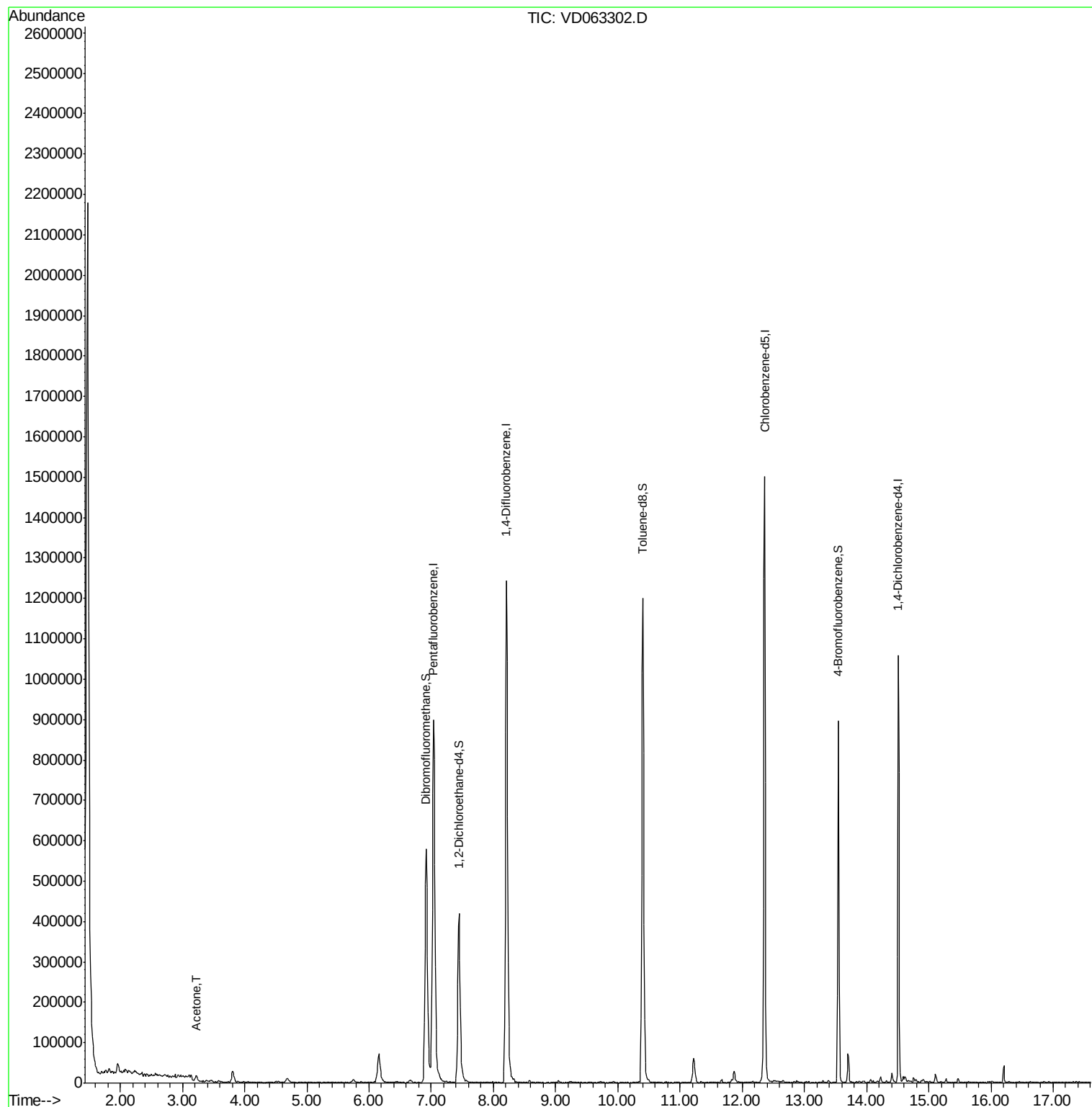
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	890518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1314993	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	843790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	236862	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	457519	46.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.60%	
35) Dibromofluoromethane	6.92	113	520371	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.70%	
50) Toluene-d8	10.40	98	960230	38.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.44%	
62) 4-Bromofluorobenzene	13.54	95	267052	23.32	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	46.64%	
Target Compounds						
16) Acetone	3.22	43	28160	14.627	ug/l	Qvalue 98

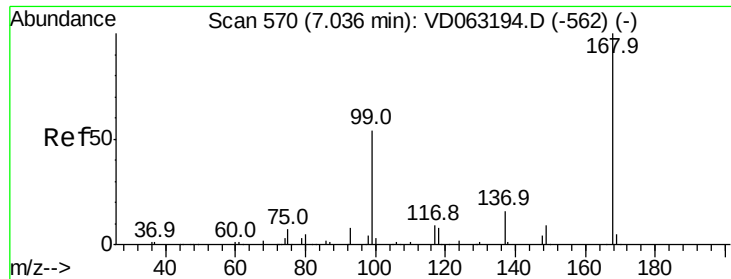
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

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MSVOA_D

ClientSampleId :

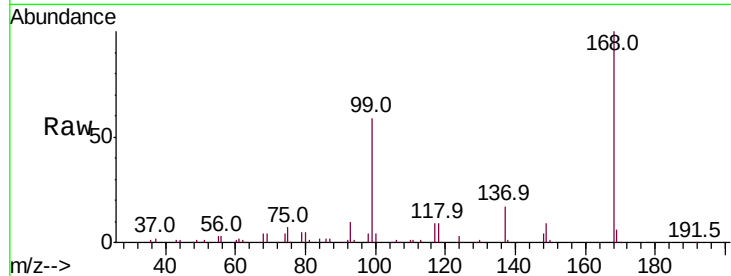
SW-2

Tot Ion:168 Resp: 890518

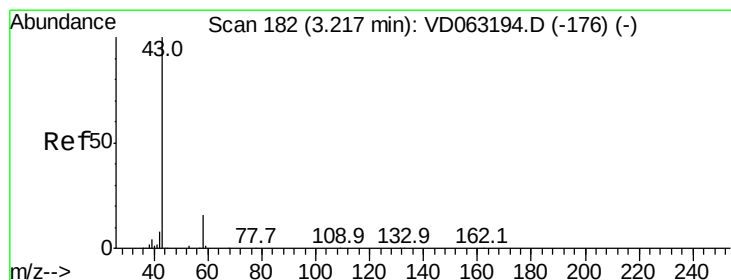
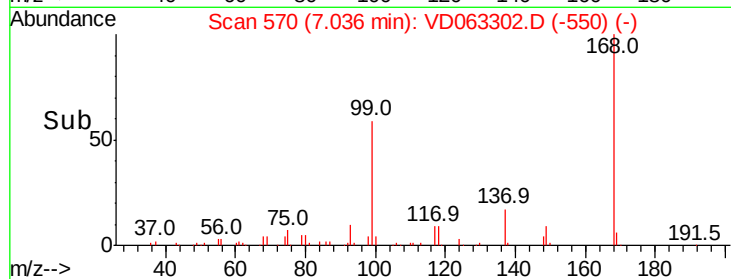
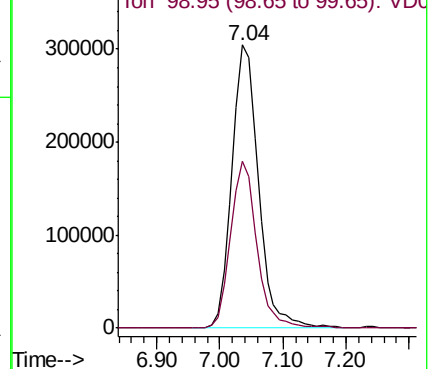
Ion Ratio Lower Upper

168 100

99 59.1 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 14.627 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD063302.D

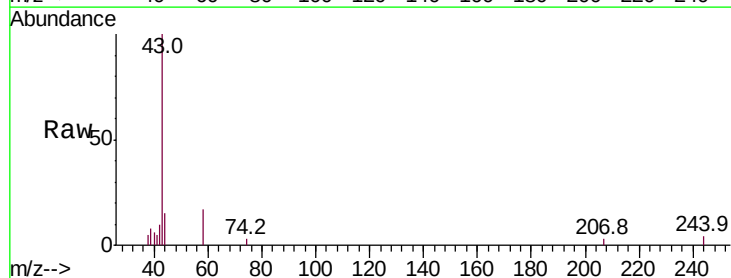
Acq: 1 Aug 2019 19:40

Tgt Ion: 43 Resp: 28160

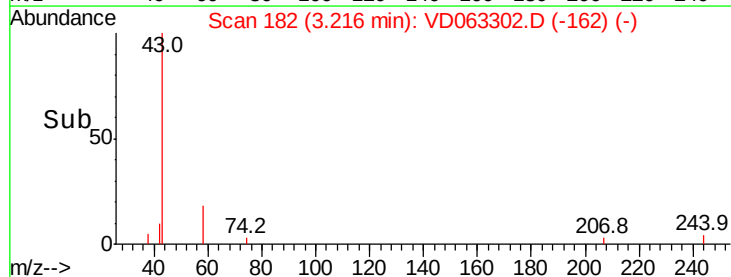
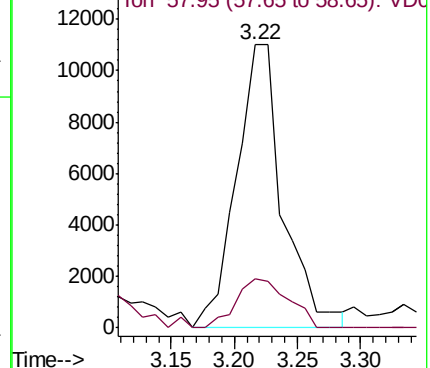
Ion Ratio Lower Upper

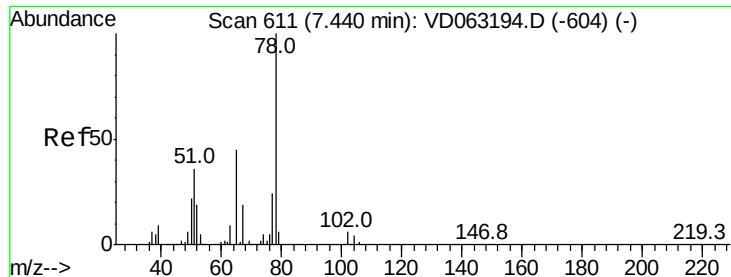
43 100

58 17.2 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 46.302 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063302.D

Acq: 1 Aug 2019 19:40

Instrument :

MSVOA_D

ClientSampleId :

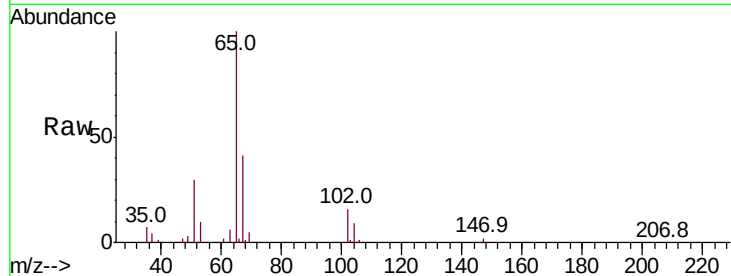
SW-2

Tot Ion: 65 Resp: 457519

Ion Ratio Lower Upper

65 100

67 41.0 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

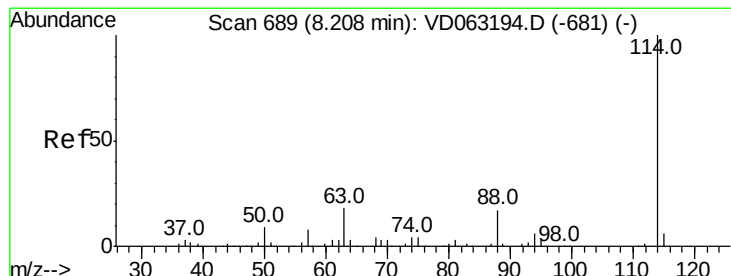
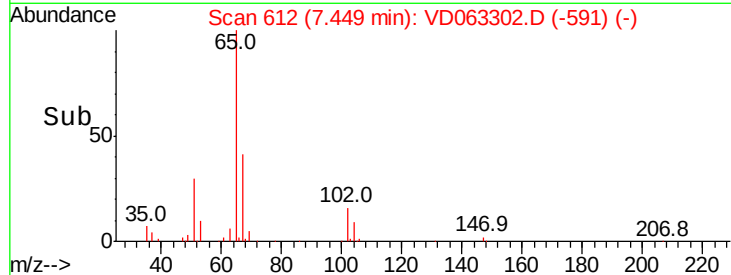
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.00 min

Lab File: VD063302.D

Acq: 1 Aug 2019 19:40

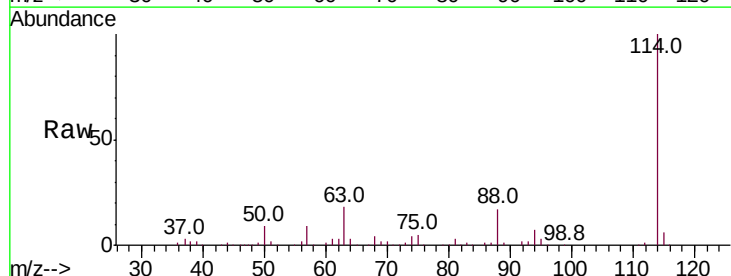
Tgt Ion: 114 Resp: 1314993

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.2

88 17.2 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

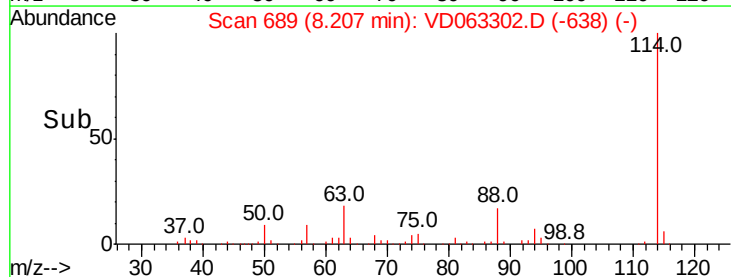
600000

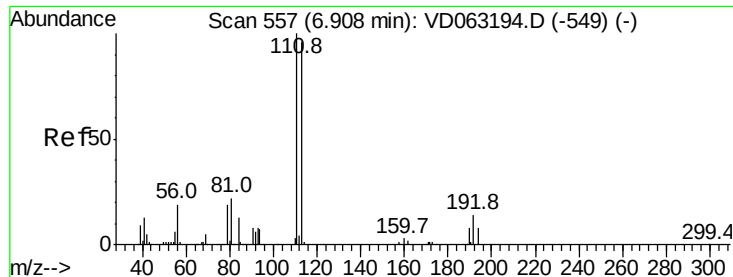
400000

200000

0

Time--> 8.10 8.20 8.30 8.40





#35

Dibromofluoromethane

Concen: 46.349 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063302.D

Acq: 1 Aug 2019 19:40

Instrument :

MSVOA_D

ClientSampleId :

SW-2

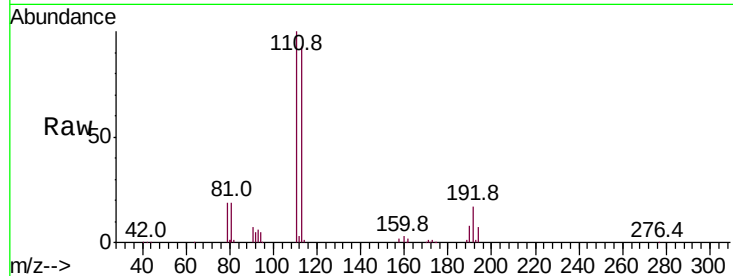
Tot Ion:113 Resp: 520371

Ion Ratio Lower Upper

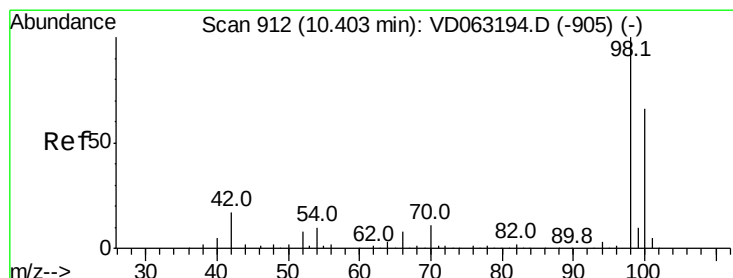
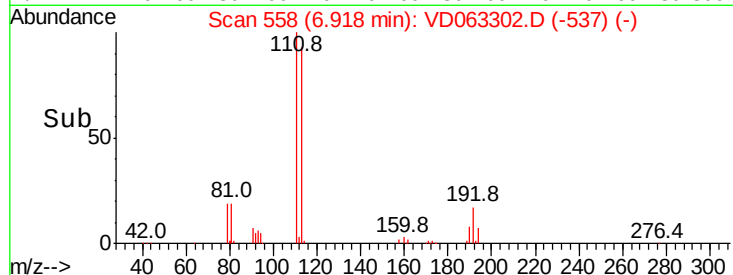
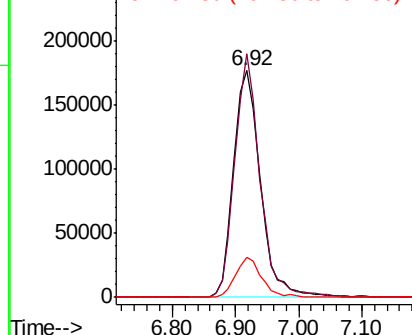
113 100

111 107.4 83.2 124.8

192 17.8 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: 38.216 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD063302.D

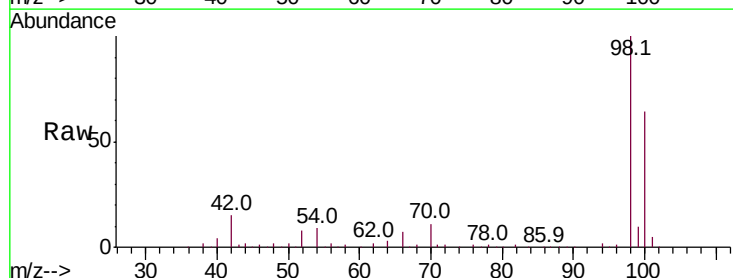
Acq: 1 Aug 2019 19:40

Tgt Ion: 98 Resp: 960230

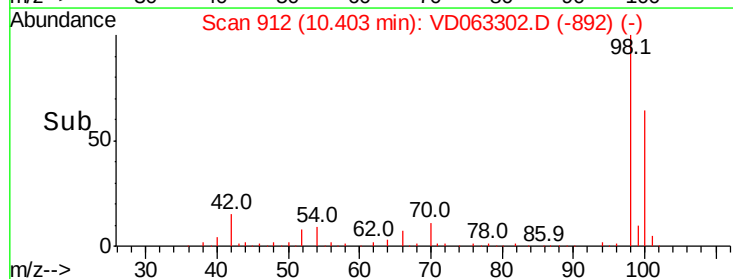
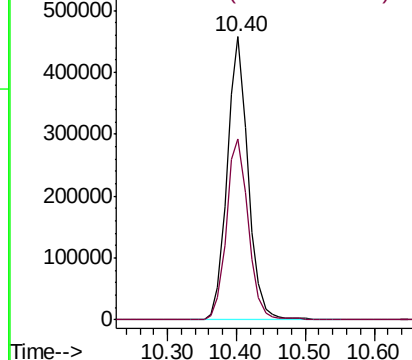
Ion Ratio Lower Upper

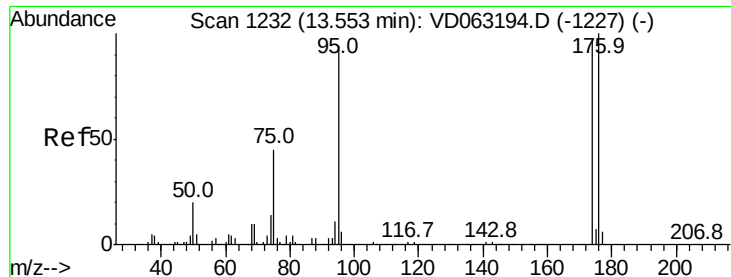
98 100

100 64.1 53.2 79.8



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

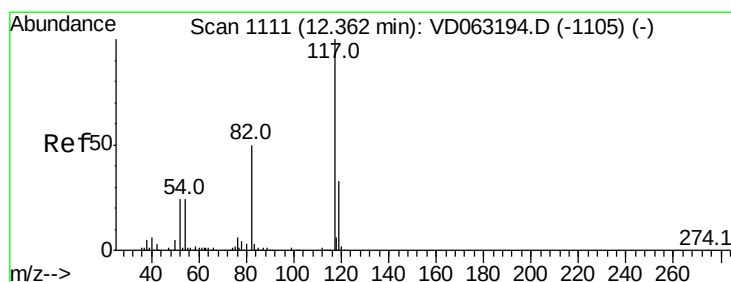
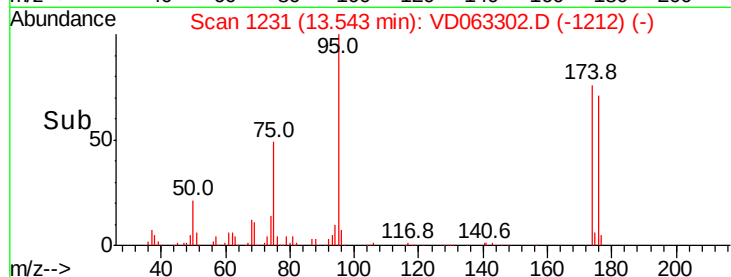
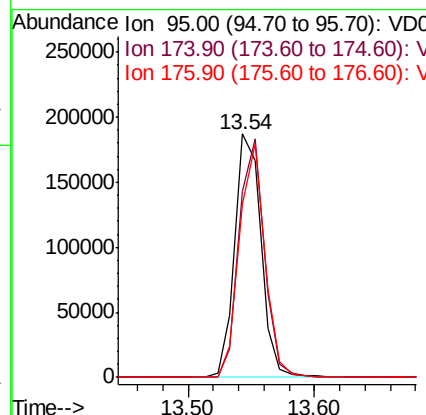
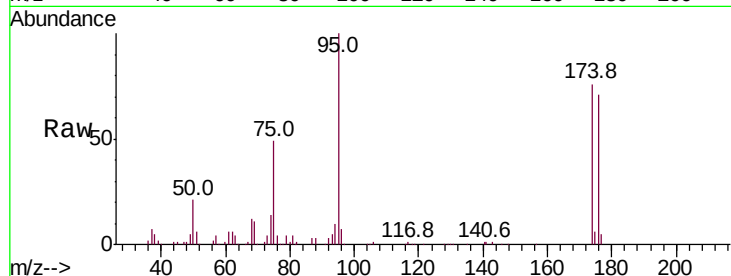




#62
4-Bromofluorobenzene
Concen: 23.323 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063302.D
Acq: 1 Aug 2019 19:40

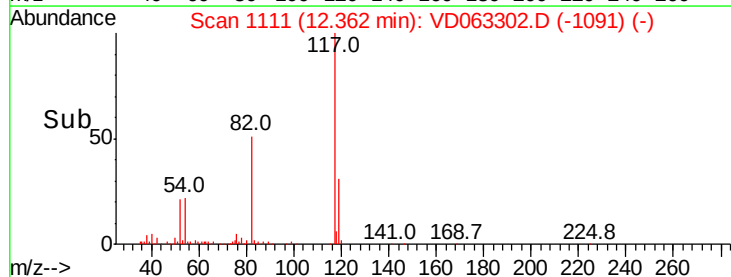
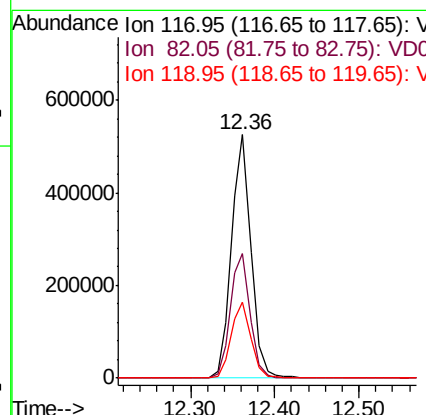
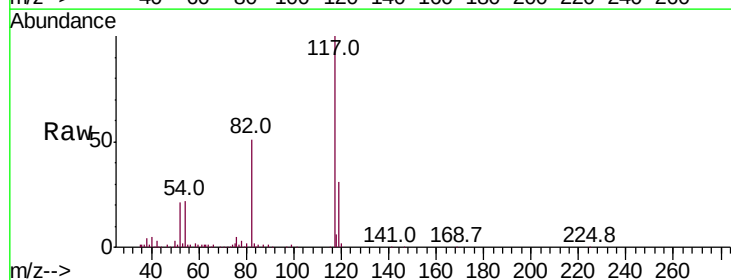
Instrument :
MSVOA_D
ClientSampleID :
SW-2

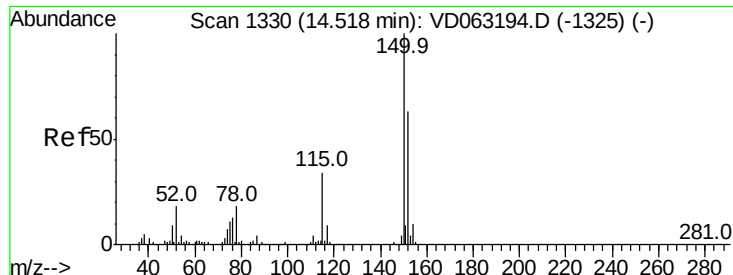
Tot Ion: 95 Resp: 267052
Ion Ratio Lower Upper
95 100
174 76.3 0.0 205.4
176 71.3 0.0 211.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD063302.D
Acq: 1 Aug 2019 19:40

Tgt Ion: 117 Resp: 843790
Ion Ratio Lower Upper
117 100
82 51.4 40.1 60.1
119 31.1 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: VD063302.D

Acq: 1 Aug 2019 19:40

Instrument :

MSVOA_D

ClientSampleId :

SW-2

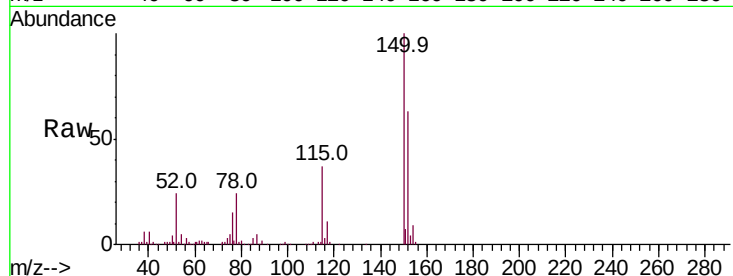
Tot Ion:152 Resp: 236862

Ion Ratio Lower Upper

152 100

115 58.6 27.5 82.4

150 157.7 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

