

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072919\
 Data File : VD063218.D
 Acq On : 30 Jul 2019 1:45
 Operator : VA/AP
 Sample : K4049-05
 Misc : 3.92g/5ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-5

Quant Time: Jul 30 04:24:04 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

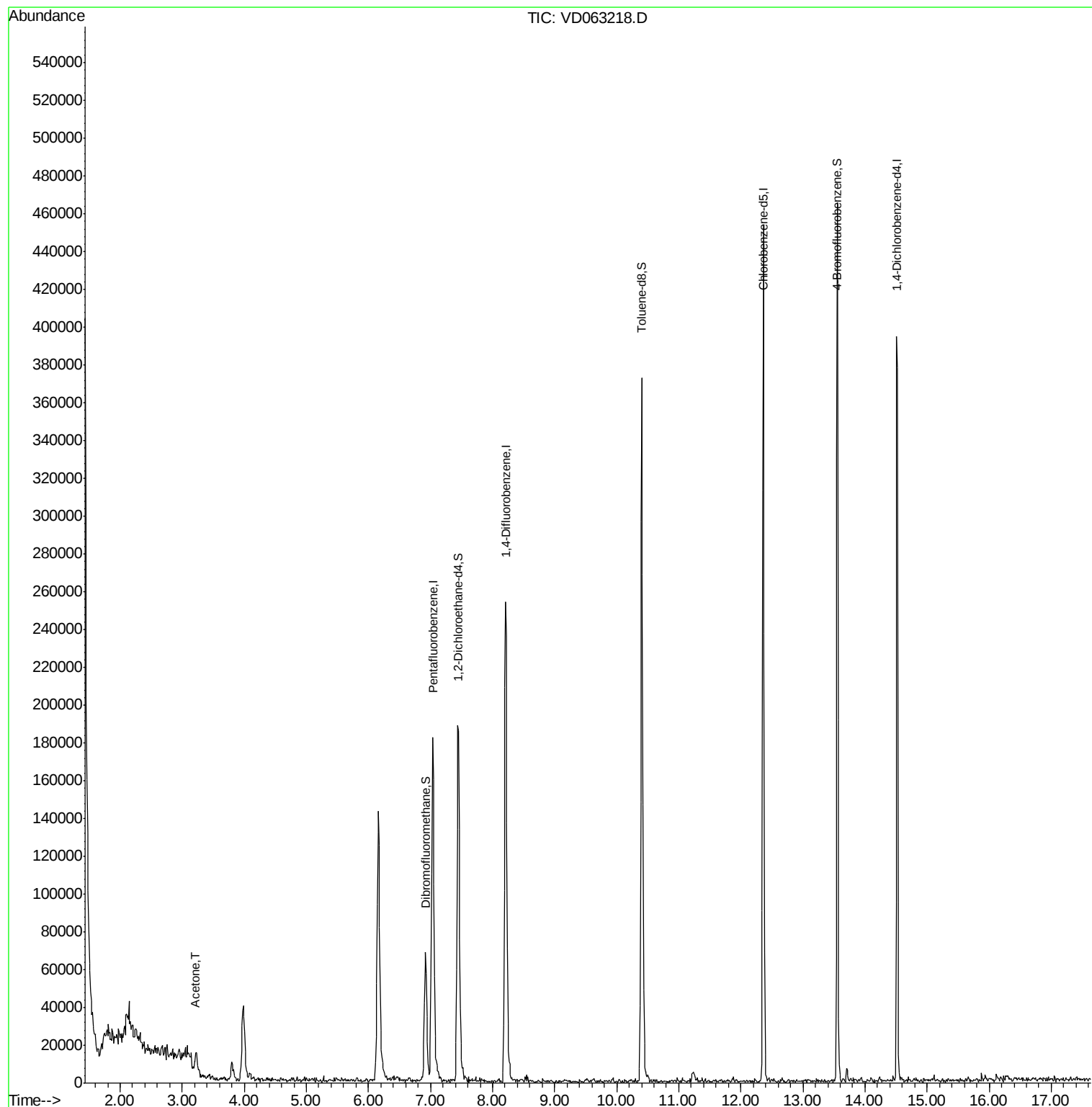
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	184886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	287977	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	231319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	97595	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	211782	103.23	ug/l	0.01
Spiked Amount 50.000			Recovery	=	206.46%	
35) Dibromofluoromethane	6.92	113	56992	23.18	ug/l	0.01
Spiked Amount 50.000			Recovery	=	46.36%	
50) Toluene-d8	10.40	98	298721	54.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.58%	
62) 4-Bromofluorobenzene	13.55	95	128308	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
Target Compounds						
16) Acetone	3.23	43	25352	63.426	ug/l #	Qvalue 87

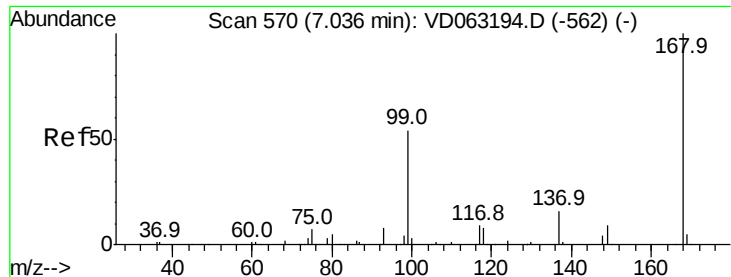
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063218.D

Acq: 30 Jul 2019 1:45

Instrument :

MSVOA_D

ClientSampleId :

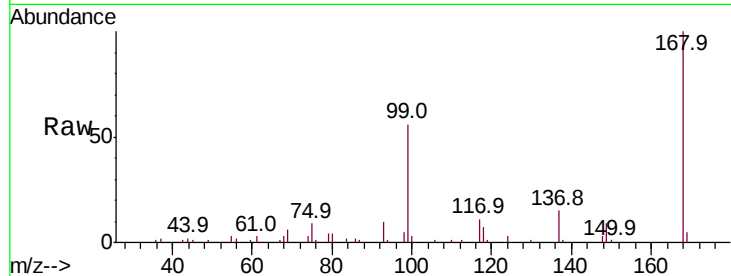
SP-5

Tot Ion:168 Resp: 184886

Ion Ratio Lower Upper

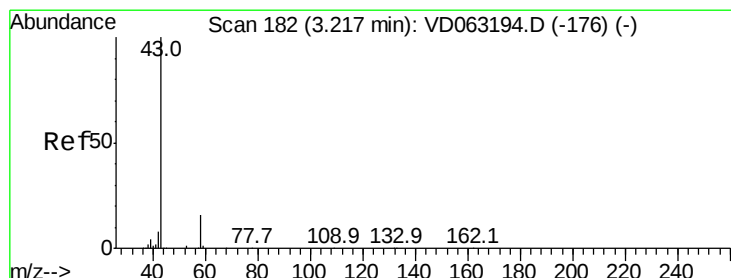
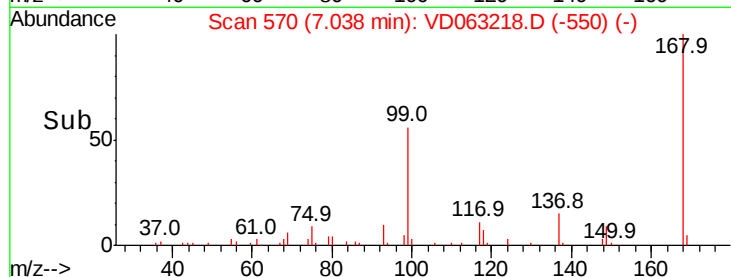
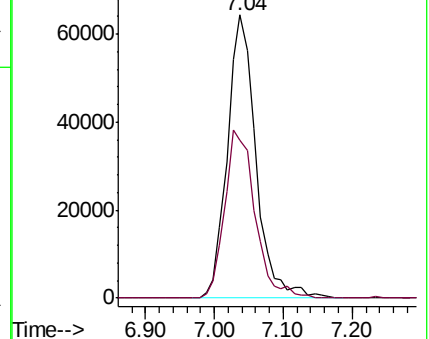
168 100

99 55.9 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: 63.426 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD063218.D

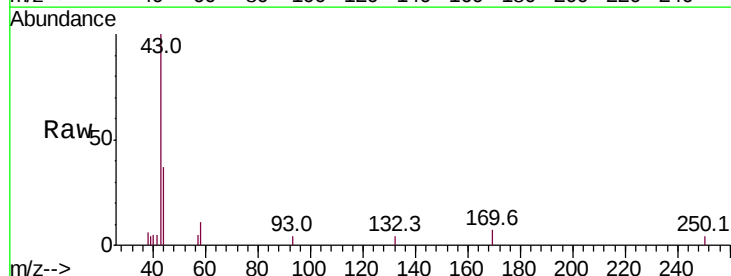
Acq: 30 Jul 2019 1:45

Tgt Ion: 43 Resp: 25352

Ion Ratio Lower Upper

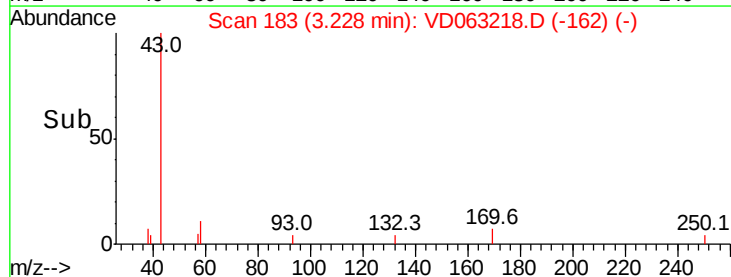
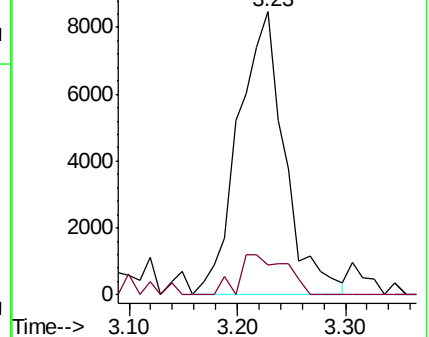
43 100

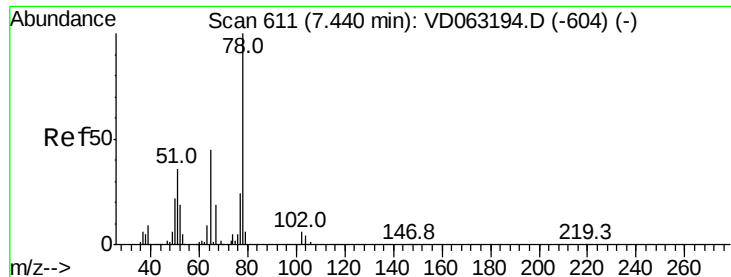
58 10.5 13.0 19.4#



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: 103.233 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063218.D

Acq: 30 Jul 2019 1:45

Instrument :

MSVOA_D

ClientSampleId :

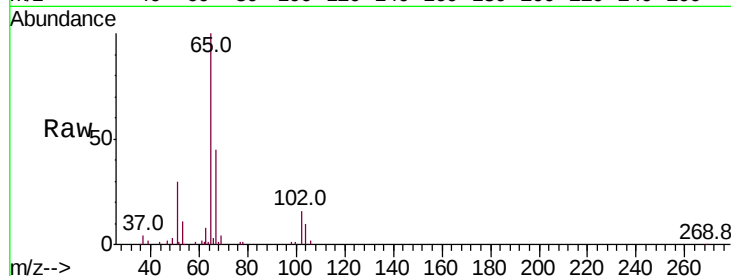
SP-5

Tot Ion: 65 Resp: 211782

Ion Ratio Lower Upper

65 100

67 45.1 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

80000

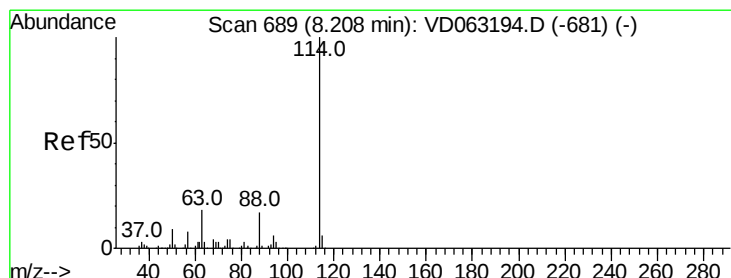
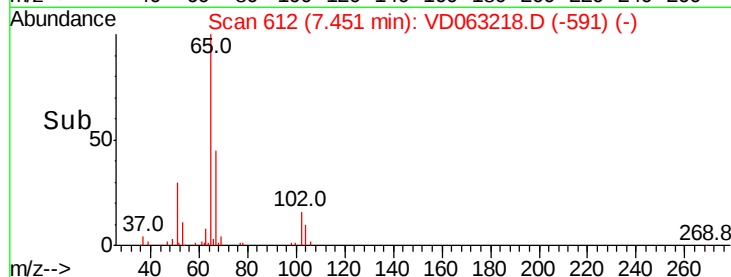
60000

40000

20000

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: VD063218.D

Acq: 30 Jul 2019 1:45

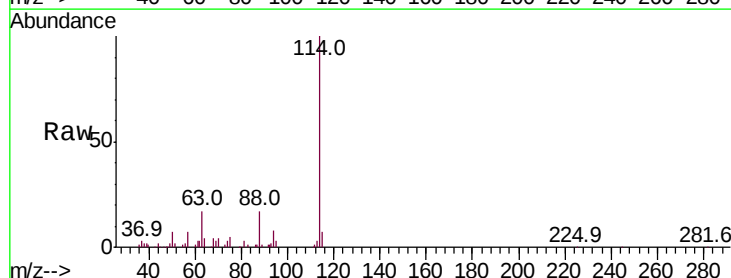
Tgt Ion: 114 Resp: 287977

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.2

88 16.8 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

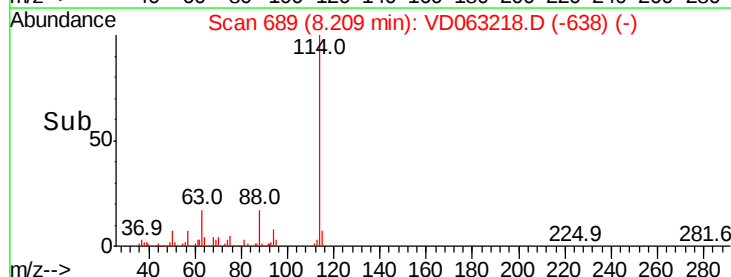
150000

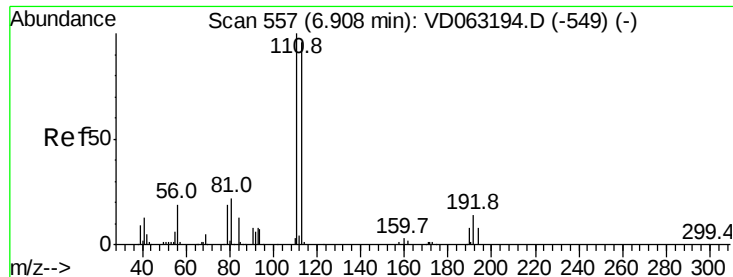
100000

50000

0

Time--> 8.10 8.20 8.30 8.40





#35

Dibromofluoromethane

Concen: 23.180 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063218.D

Acq: 30 Jul 2019 1:45

Instrument :

MSVOA_D

ClientSampleId :

SP-5

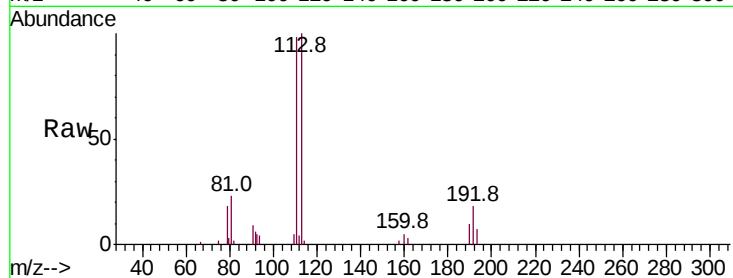
Tot Ion:113 Resp: 56992

Ion Ratio Lower Upper

113 100

111 98.1 83.2 124.8

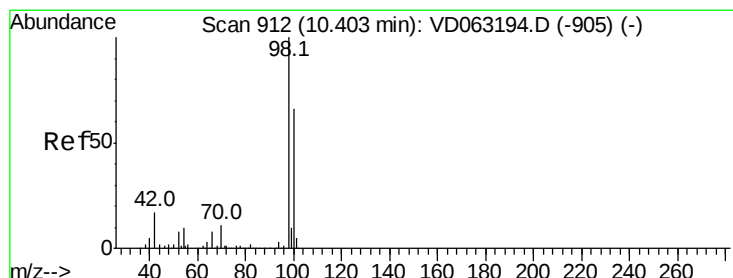
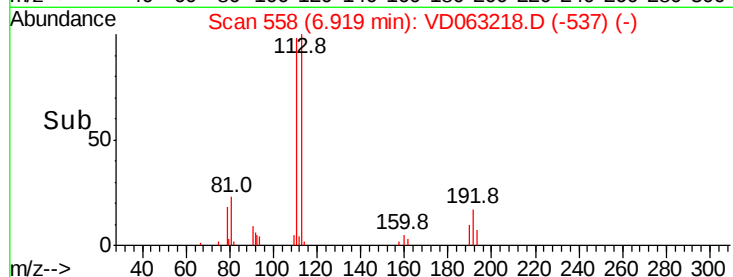
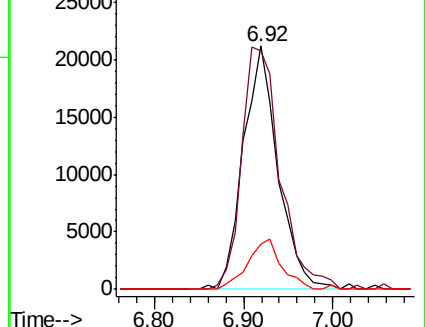
192 18.4 11.8 17.8#



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: 54.287 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063218.D

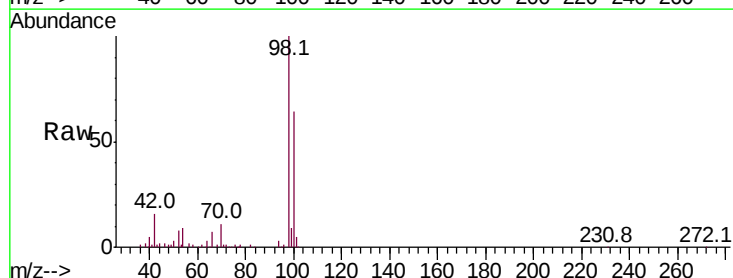
Acq: 30 Jul 2019 1:45

Tgt Ion: 98 Resp: 298721

Ion Ratio Lower Upper

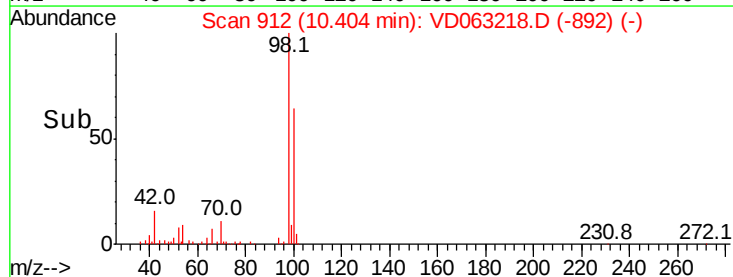
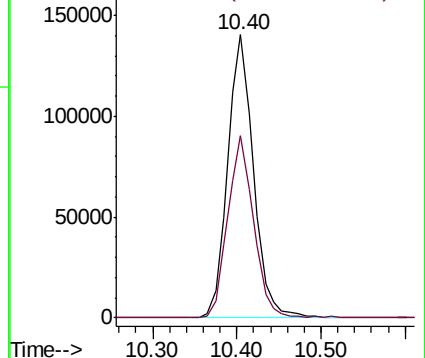
98 100

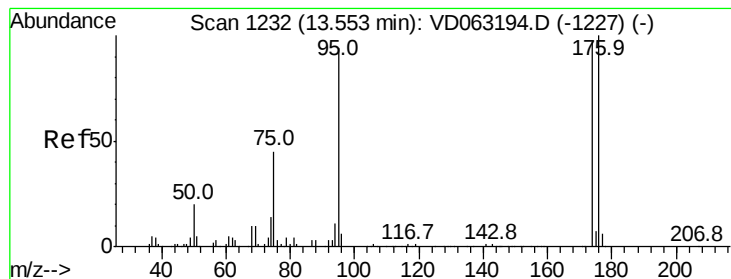
100 64.4 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 51.170 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063218.D

Acq: 30 Jul 2019 1:45

Instrument :

MSVOA_D

ClientSampleId :

SP-5

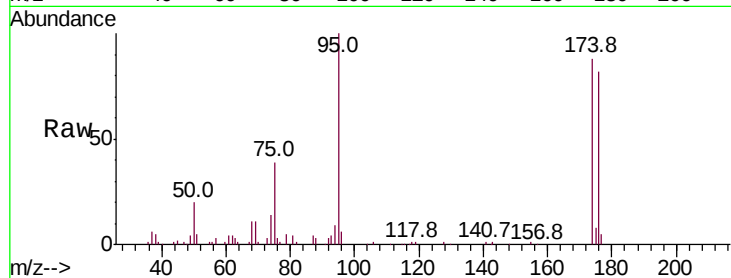
Tot Ion: 95 Resp: 128308

Ion Ratio Lower Upper

95 100

174 88.0 0.0 205.4

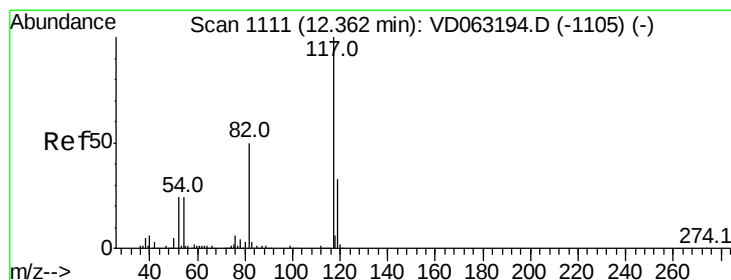
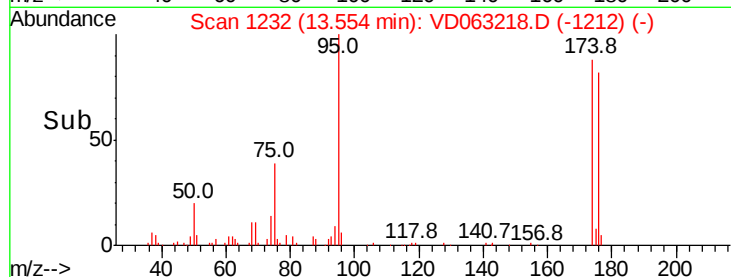
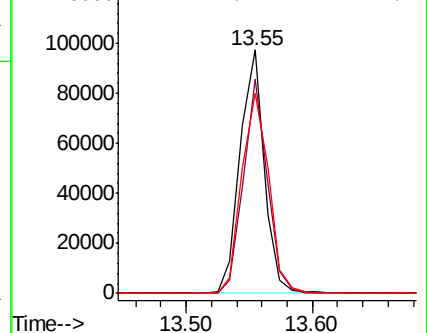
176 82.4 0.0 211.8



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. 0.00 min

Lab File: VD063218.D

Acq: 30 Jul 2019 1:45

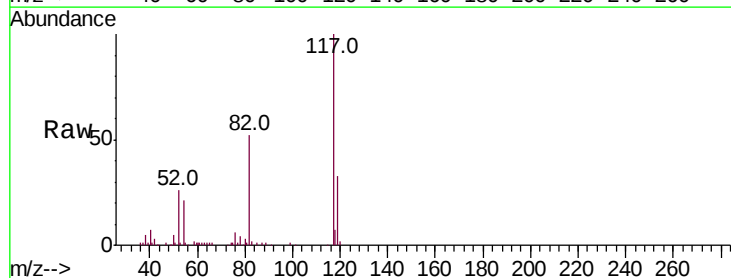
Tgt Ion: 117 Resp: 231319

Ion Ratio Lower Upper

117 100

82 51.5 40.1 60.1

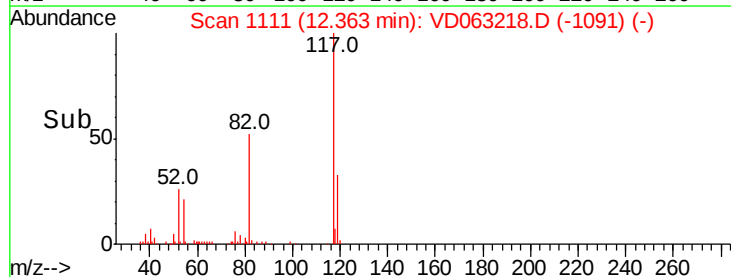
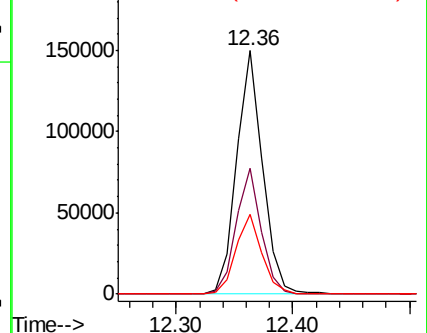
119 33.0 26.5 39.7

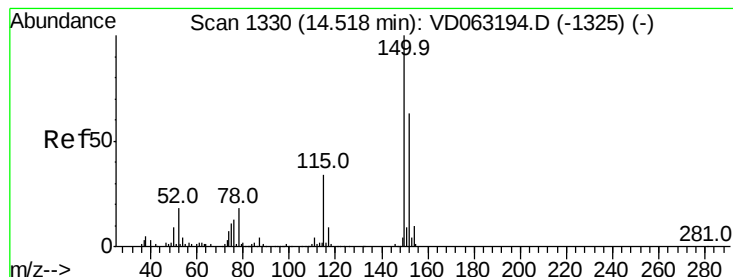


Abundance Ion 116.95 (116.65 to 117.65): V

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. 0.00 min

Lab File: VD063218.D

Acq: 30 Jul 2019 1:45

Instrument :

MSVOA_D

ClientSampleId :

SP-5

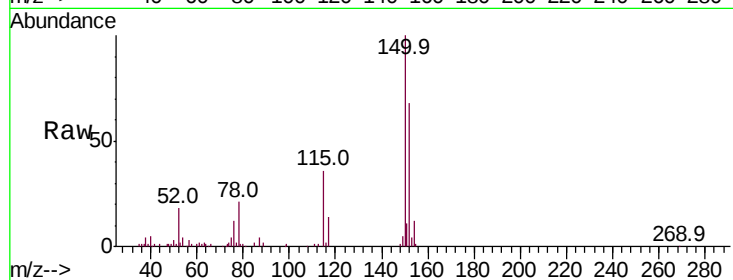
Tot Ion:152 Resp: 97595

Ion Ratio Lower Upper

152 100

115 52.8 27.5 82.4

150 146.1 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

