

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080519\
 Data File : VD063385.D
 Acq On : 5 Aug 2019 17:16
 Operator : VA/AP
 Sample : K4130-08RE
 Misc : 5.60g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1S-F2-(30)RE

Quant Time: Aug 06 08:21:41 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

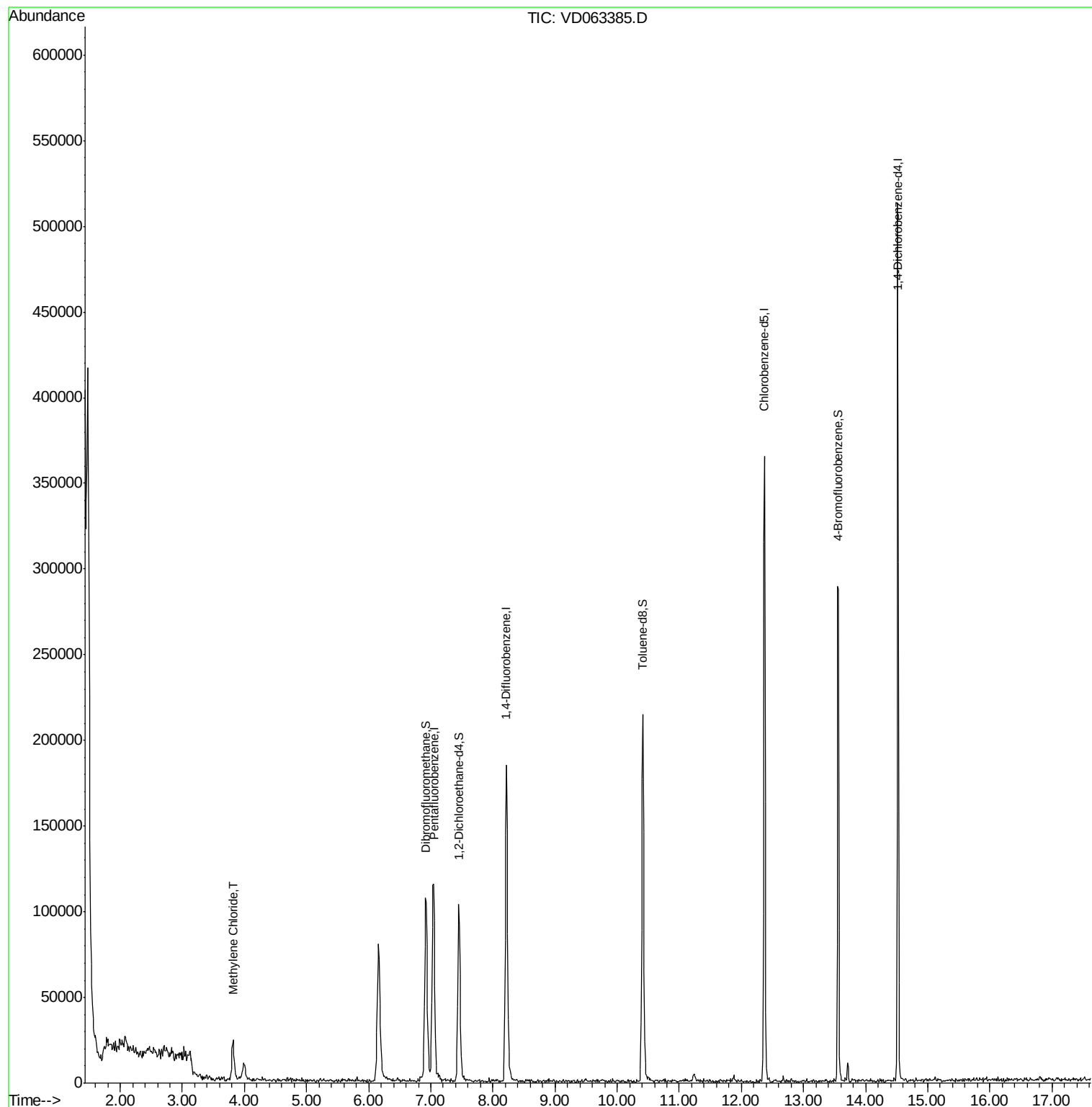
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	119235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	199281	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	197605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	106452	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	114826	86.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	173.58%	
35) Dibromofluoromethane	6.93	113	93979	55.24	ug/l	0.02
Spiked Amount 50.000			Recovery	=	110.48%	
50) Toluene-d8	10.41	98	162565	42.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.38%	
62) 4-Bromofluorobenzene	13.55	95	90683	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.52%	
Target Compounds						
20) Methylene Chloride	3.82	84	14260	13.686	ug/l #	93

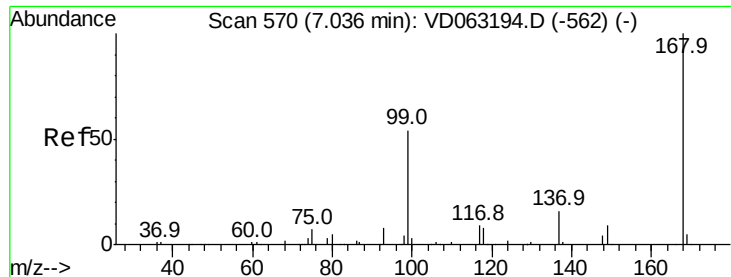
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080519\
Data File : VD063385.D
Acq On : 5 Aug 2019 17:16
Operator : VA/AP
Sample : K4130-08RE
Misc : 5.60µl/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
1S-F2-(30)RE

Quant Time: Aug 06 08:21:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
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: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD063385.D

Acq: 5 Aug 2019 17:16

Instrument :

MSVOA_D

ClientSampleId :

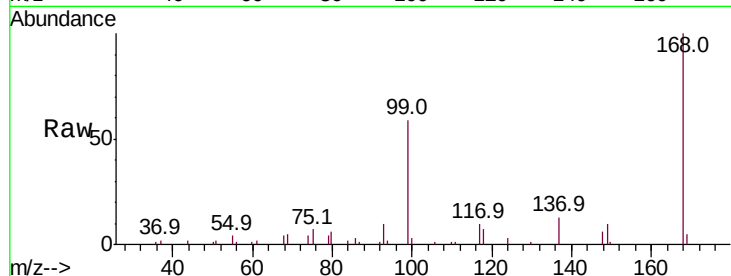
1S-F2-(30)RE

Tot Ion:168 Resp: 119235

Ion Ratio Lower Upper

168 100

99 59.3 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

40000

30000

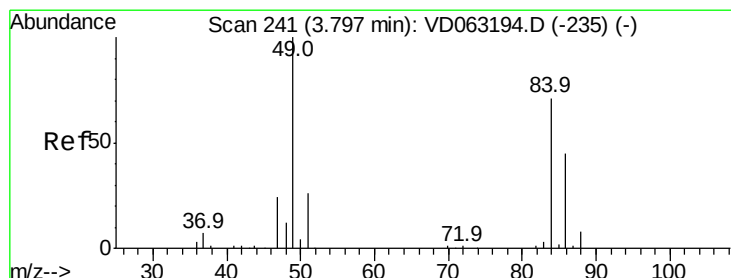
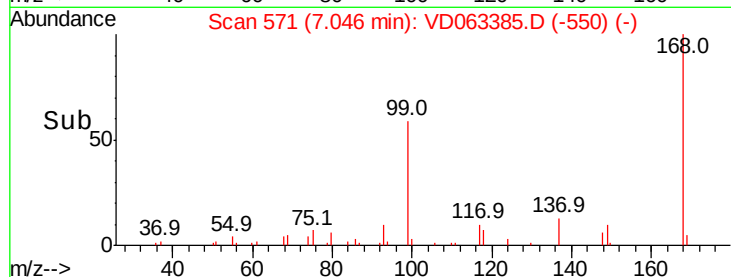
20000

10000

0

Time-->

6.90 7.00 7.10 7.20



#20

Methylene Chloride

Concen: 13.686 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD063385.D

Acq: 5 Aug 2019 17:16

Tgt Ion: 84 Resp: 14260

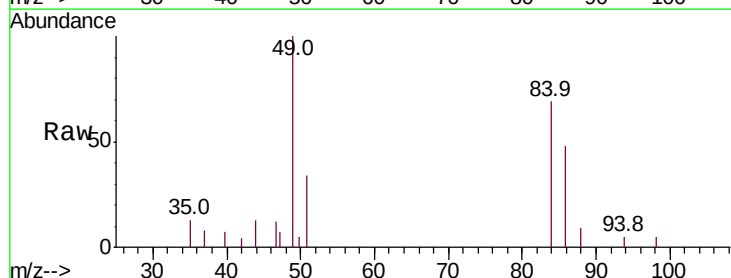
Ion Ratio Lower Upper

84 100

49 144.1 112.5 168.7

51 48.9 29.6 44.4#

86 68.7 50.4 75.6



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

3.82

8000

6000

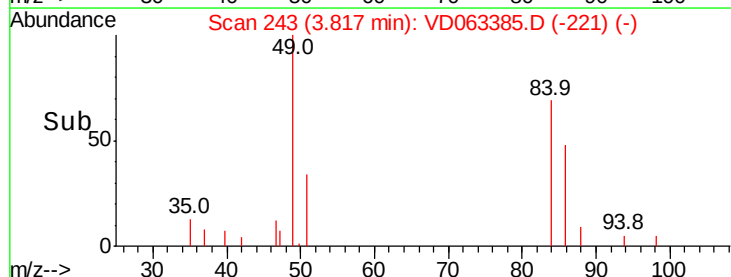
4000

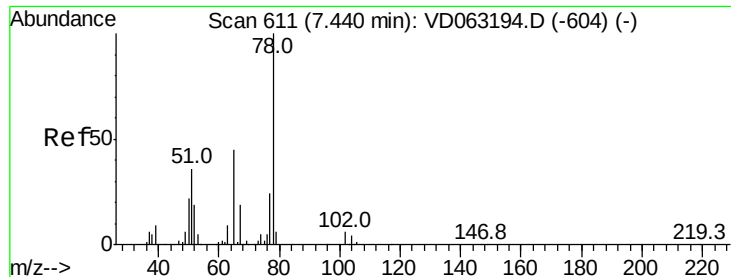
2000

0

Time-->

3.70 3.80 3.90





#33

1,2-Dichloroethane-d4

Concen: 86.790 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

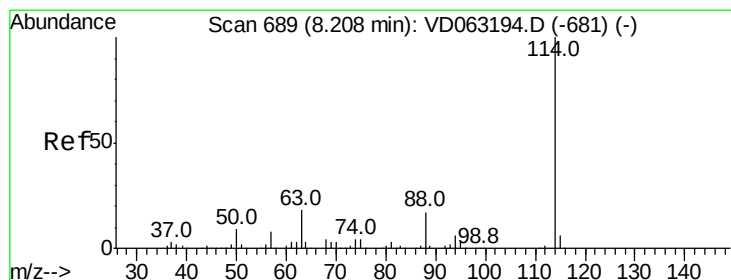
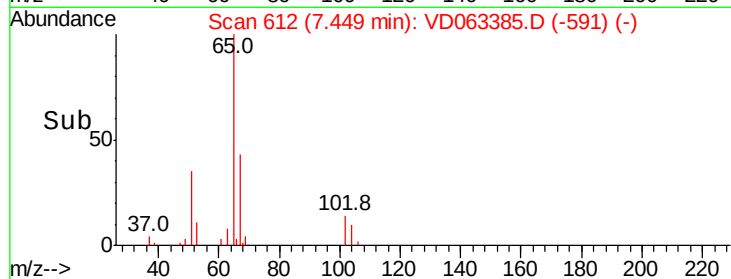
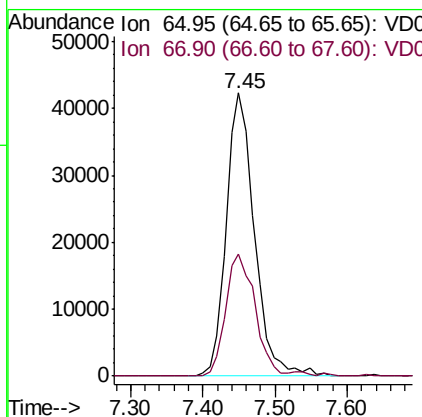
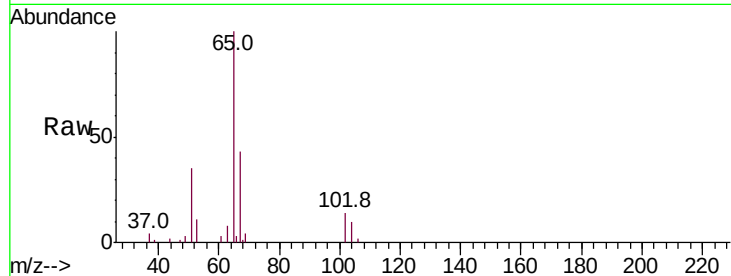
Lab File: VD063385.D

Acq: 5 Aug 2019 17:16

Instrument :
MSVOA_D
ClientSampleId :
1S-F2-(30)RE

Tot Ion: 65 Resp: 114826

Ion	Ratio	Lower	Upper
65	100		
67	43.2	0.0	85.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

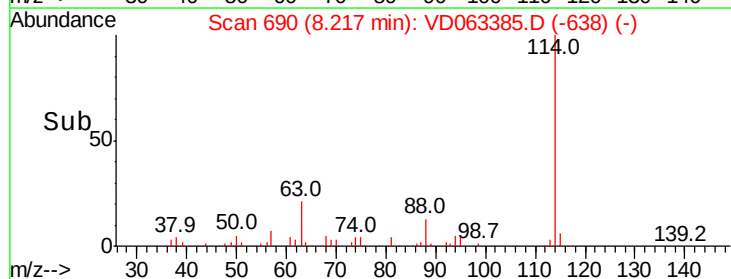
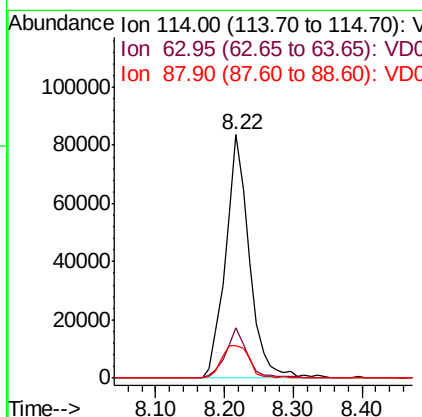
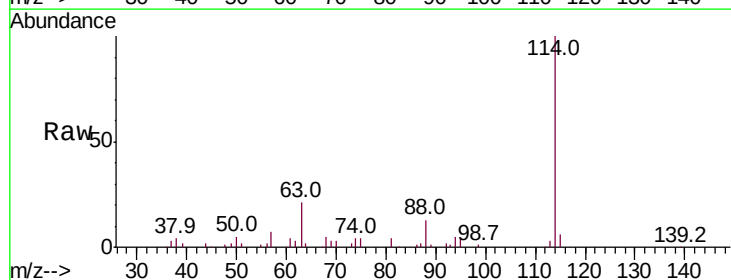
Delta R.T. 0.01 min

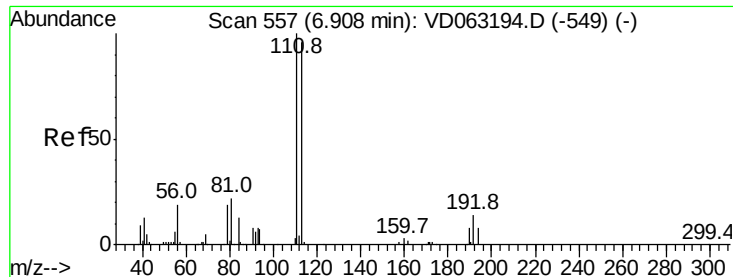
Lab File: VD063385.D

Acq: 5 Aug 2019 17:16

Tgt Ion: 114 Resp: 199281

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	35.2
88	13.4	0.0	34.6





#35

Dibromofluoromethane

Concen: 55.235 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.02 min

Lab File: VD063385.D

Acq: 5 Aug 2019 17:16

Instrument :

MSVOA_D

ClientSampleId :

1S-F2-(30)RE

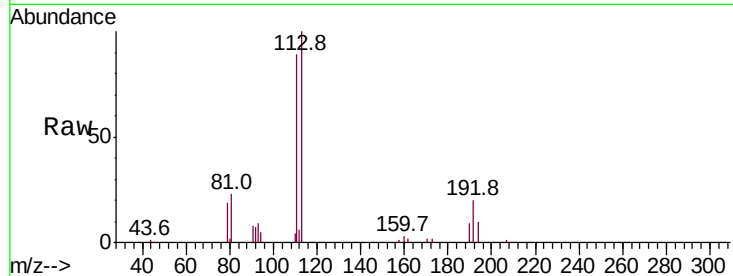
Tot Ion:113 Resp: 93979

Ion Ratio Lower Upper

113 100

111 89.1 83.2 124.8

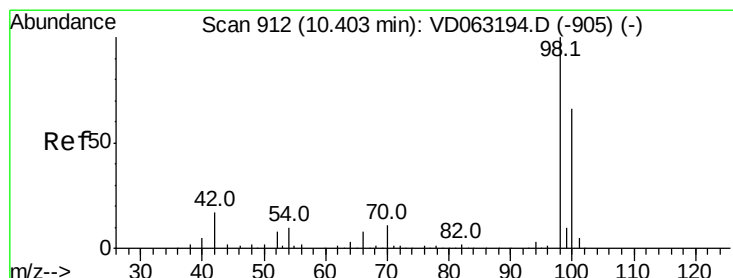
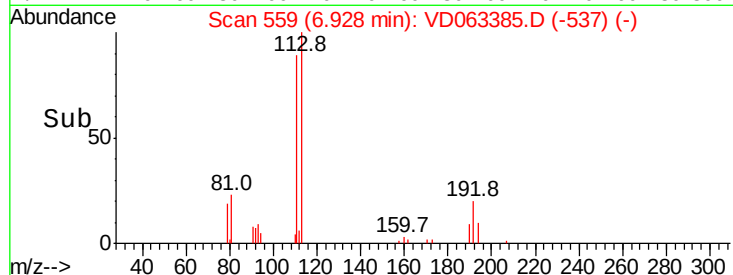
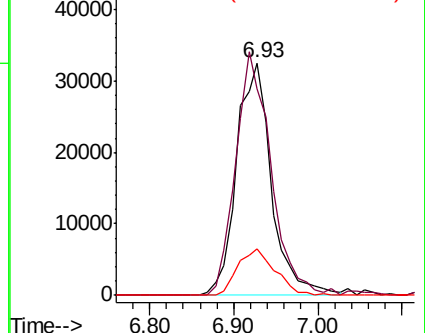
192 19.9 11.8 17.8#



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: 42.693 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD063385.D

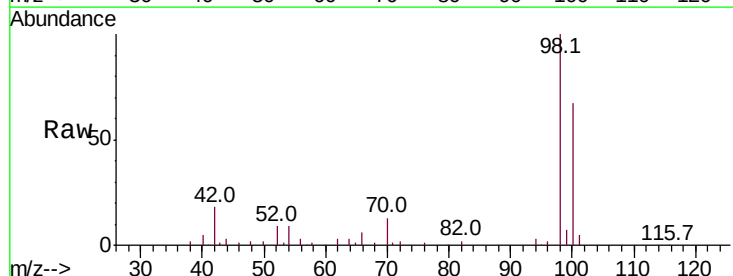
Acq: 5 Aug 2019 17:16

Tgt Ion: 98 Resp: 162565

Ion Ratio Lower Upper

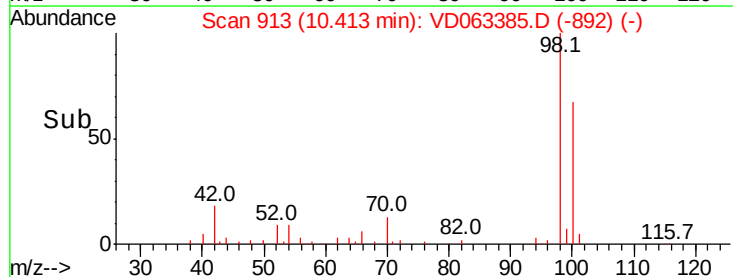
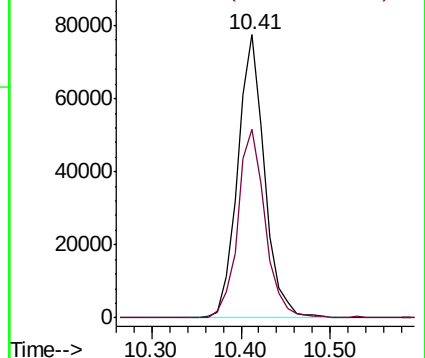
98 100

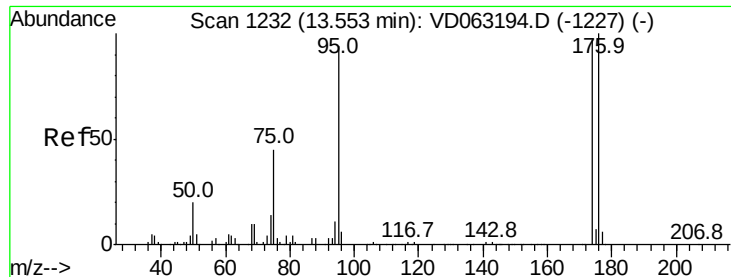
100 66.6 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 52.261 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063385.D

Acq: 5 Aug 2019 17:16

Instrument :

MSVOA_D

ClientSampleId :

1S-F2-(30)RE

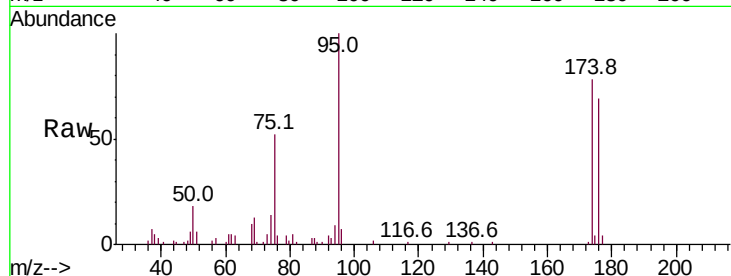
Tot Ion: 95 Resp: 90683

Ion Ratio Lower Upper

95 100

174 78.1 0.0 205.4

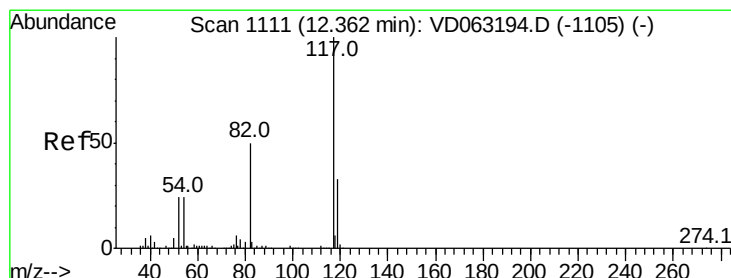
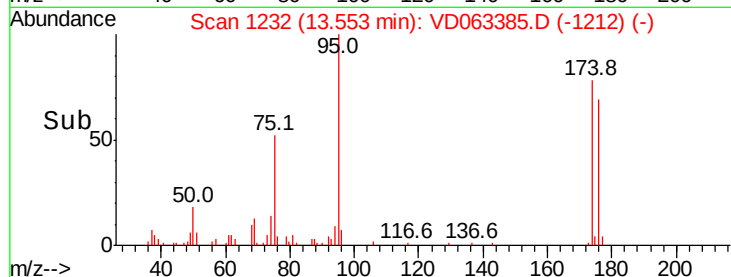
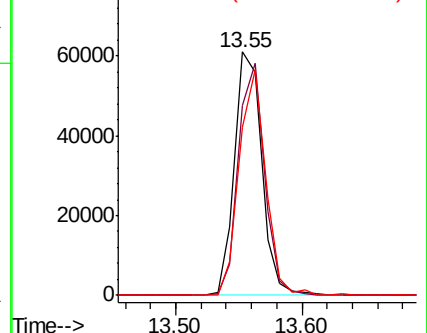
176 68.9 0.0 211.8



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: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD063385.D

Acq: 5 Aug 2019 17:16

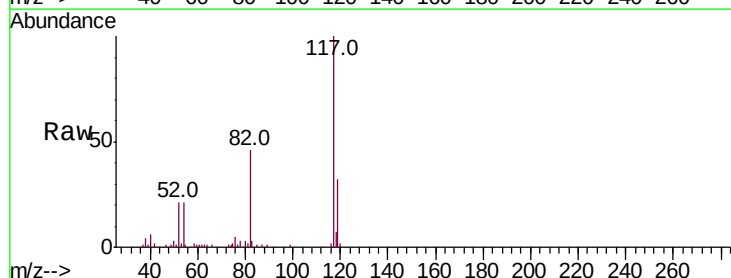
Tgt Ion: 117 Resp: 197605

Ion Ratio Lower Upper

117 100

82 46.4 40.1 60.1

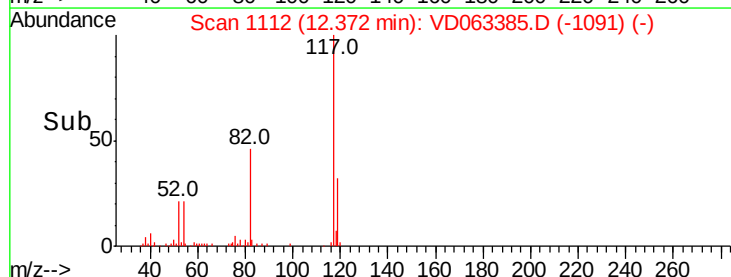
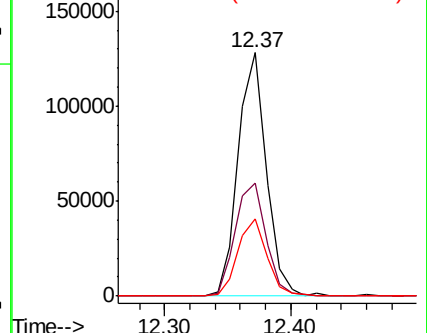
119 31.5 26.5 39.7

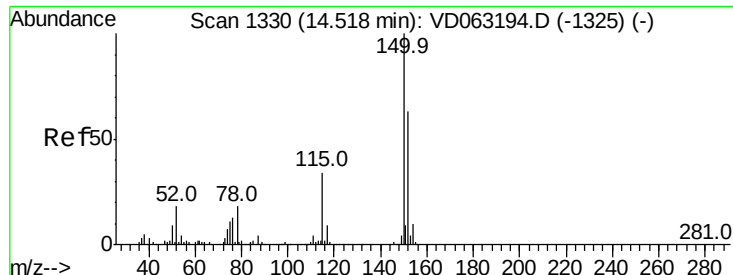


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD063385.D

Acq: 5 Aug 2019 17:16

Instrument :

MSVOA_D

ClientSampleId :

1S-F2-(30)RE

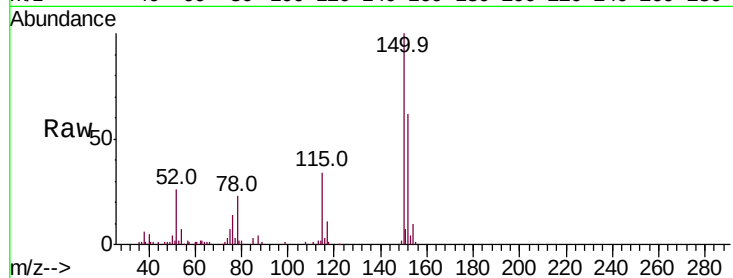
Tot Ion:152 Resp: 106452

Ion Ratio Lower Upper

152 100

115 54.7 27.5 82.4

150 160.5 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

