

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080319\
 Data File : VD063365.D
 Acq On : 3 Aug 2019 16:56
 Operator : VA/AP
 Sample : K4135-02
 Misc : 5.74g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1S-A1-0-1

Quant Time: Aug 04 06:41:27 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

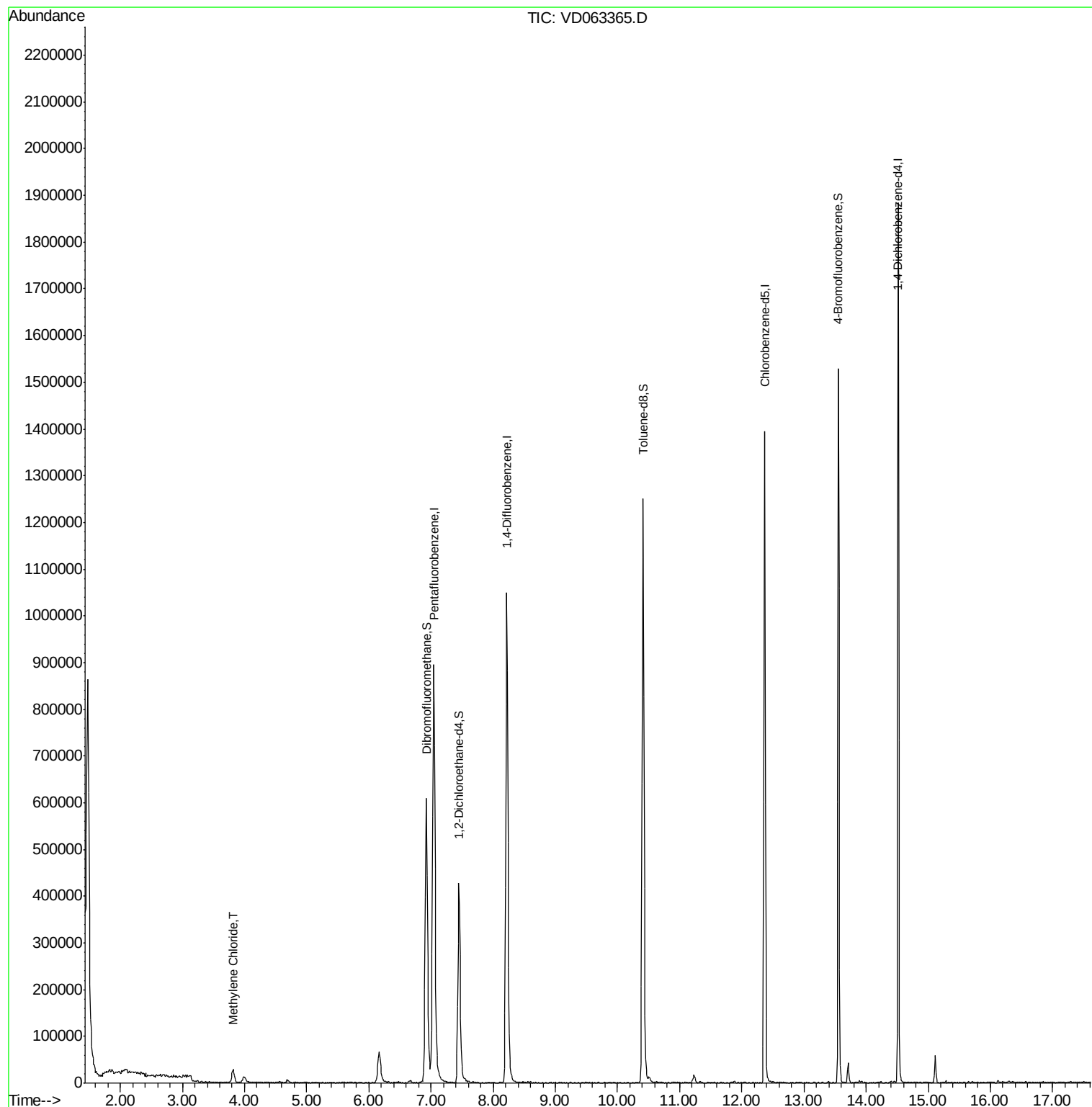
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	869187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1093514	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	826237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	372592	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	483005	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
35) Dibromofluoromethane	6.92	113	524258	56.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.30%	
50) Toluene-d8	10.41	98	1038967	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.44%	
62) 4-Bromofluorobenzene	13.55	95	398218	41.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.64%	
Target Compounds						
20) Methylene Chloride	3.82	84	17509	2.305	ug/l #	84

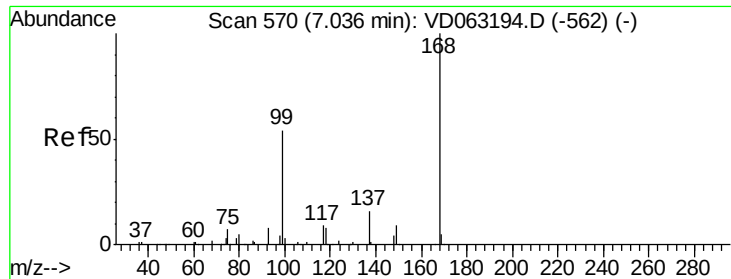
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD063365.D

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MSVOA_D

ClientSampleId :

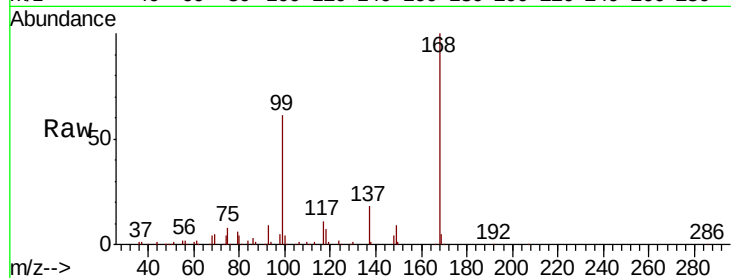
1S-A1-(0-1)

Tot Ion:168 Resp: 869187

Ion Ratio Lower Upper

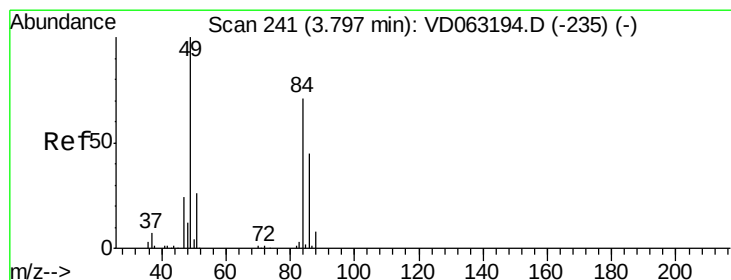
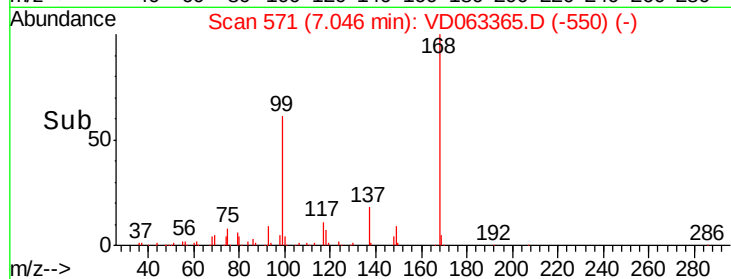
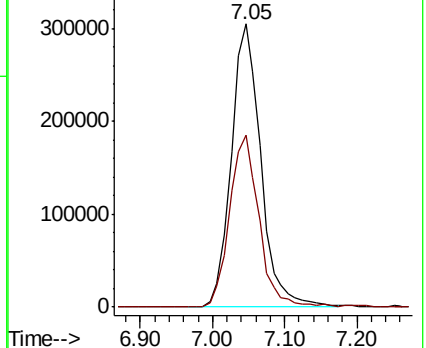
168 100

99 60.6 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 2.305 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD063365.D

Acq: 3 Aug 2019 16:56

Tgt Ion: 84 Resp: 17509

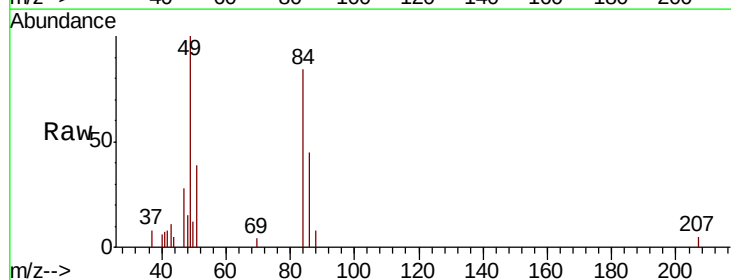
Ion Ratio Lower Upper

84 100

49 119.1 112.5 168.7

51 47.0 29.6 44.4#

86 53.5 50.4 75.6

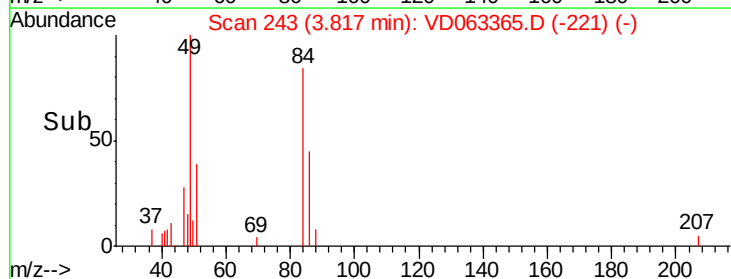
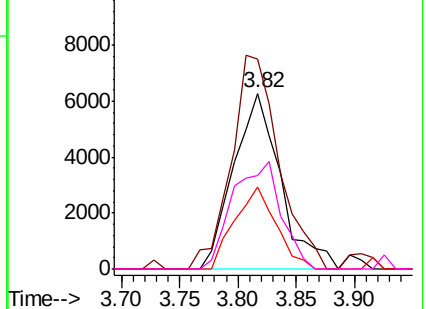


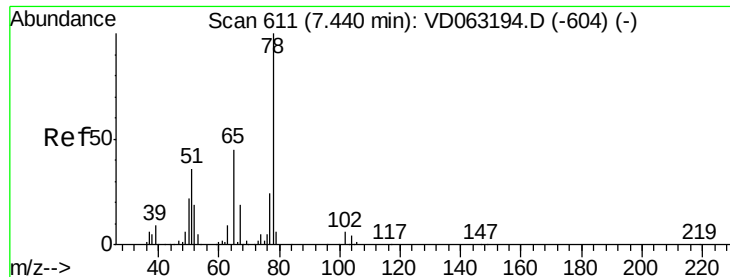
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

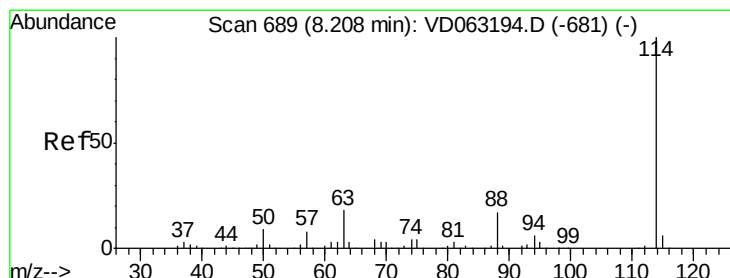
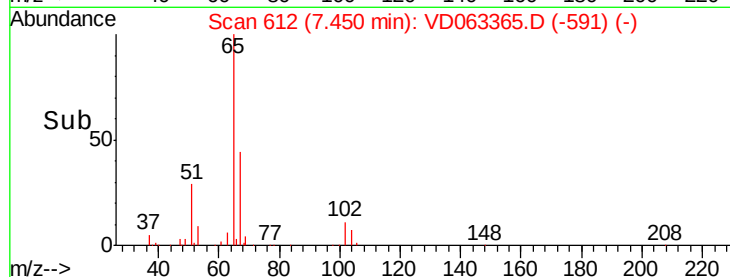
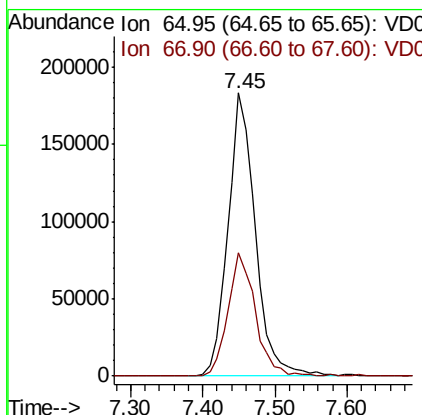
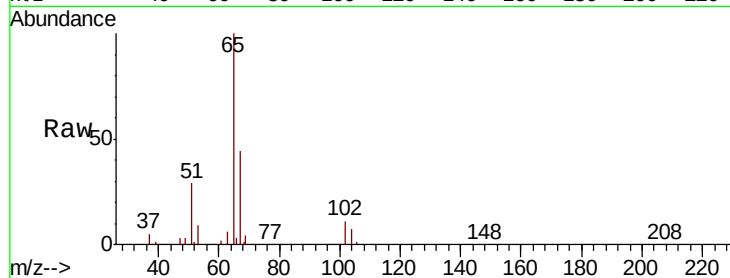




#33
 1,2-Dichloroethane-d4
 Concen: 50.081 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: VD063365.D
 Acq: 3 Aug 2019 16:56

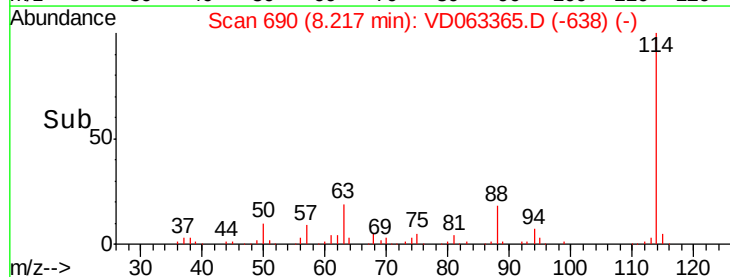
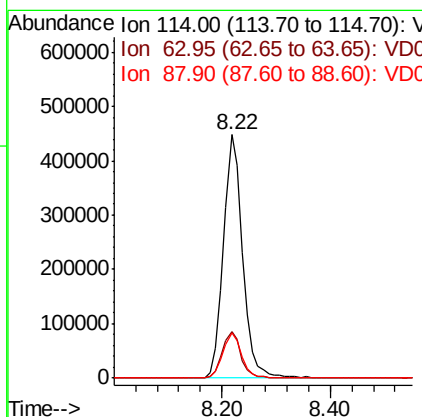
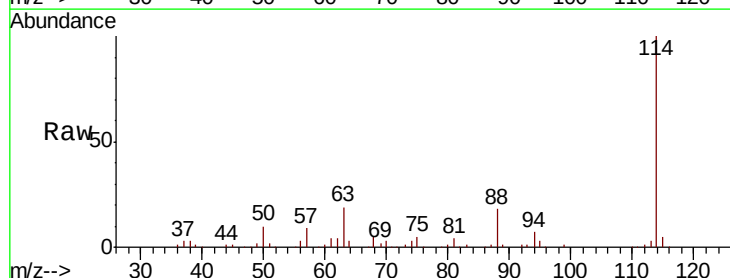
Instrument :
 MSVOA_D
 ClientSampleId :
 1S-A1-(0-1)

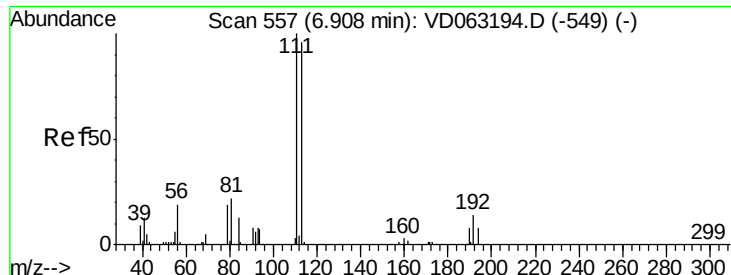
Tot Ion: 65 Resp: 483005
 Ion Ratio Lower Upper
 65 100
 67 43.5 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VD063365.D
 Acq: 3 Aug 2019 16:56

Tgt Ion: 114 Resp: 1093514
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 35.2
 88 18.4 0.0 34.6

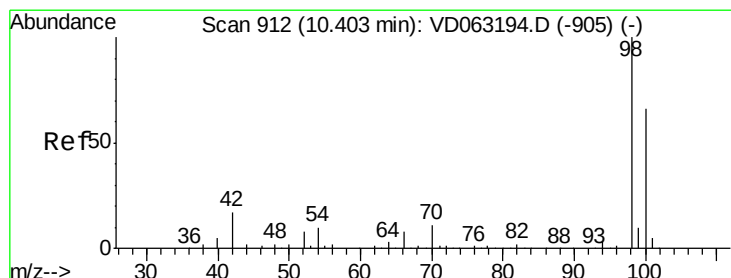
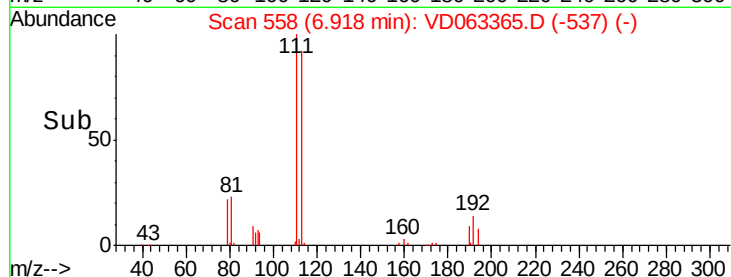
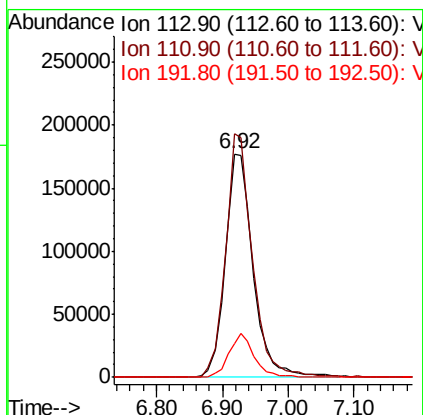
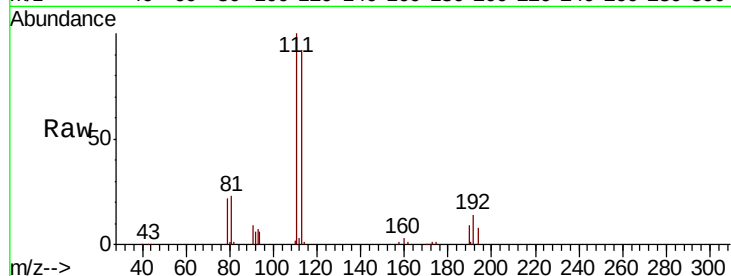




#35
 Dibromofluoromethane
 Concen: 56.153 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD063365.D
 Acq: 3 Aug 2019 16:56

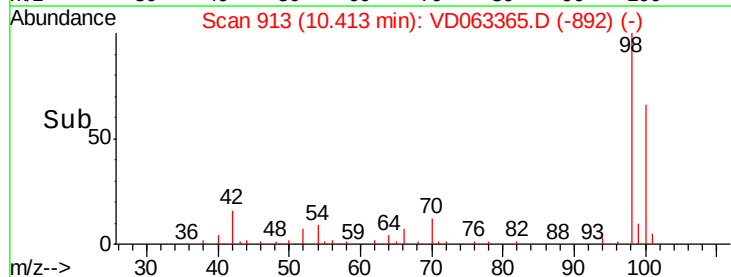
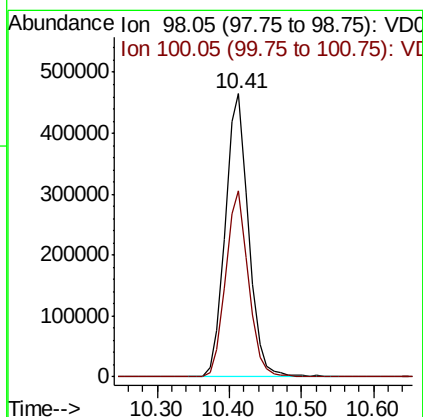
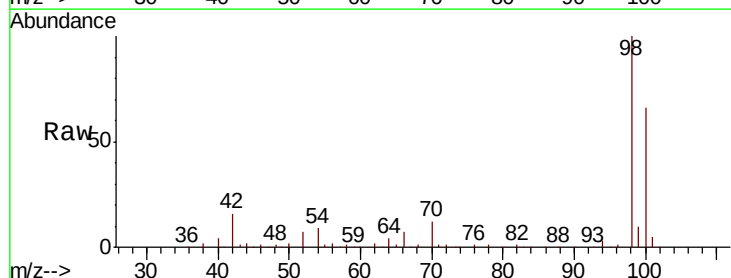
Instrument :
 MSVOA_D
 ClientSampleId :
 1S-A1-(0-1)

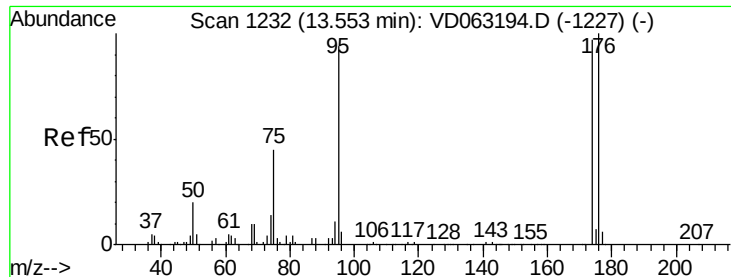
Tot Ion	Ratio	Lower	Upper
113	100		
111	109.1	83.2	124.8
192	15.0	11.8	17.8



#50
 Toluene-d8
 Concen: 49.724 ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: VD063365.D
 Acq: 3 Aug 2019 16:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.2	79.8





#62

4-Bromofluorobenzene

Concen: 41.823 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063365.D

Acq: 3 Aug 2019 16:56

Instrument :

MSVOA_D

ClientSampleId :

1S-A1-(0-1)

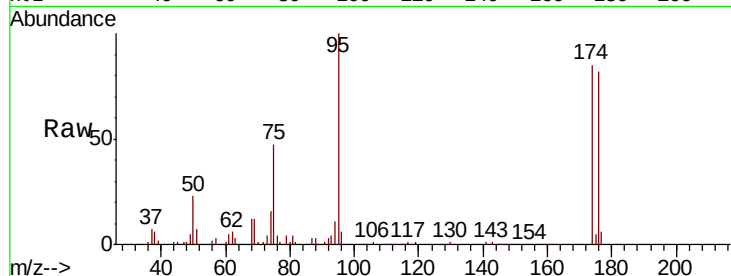
Tot Ion: 95 Resp: 398218

Ion Ratio Lower Upper

95 100

174 84.9 0.0 205.4

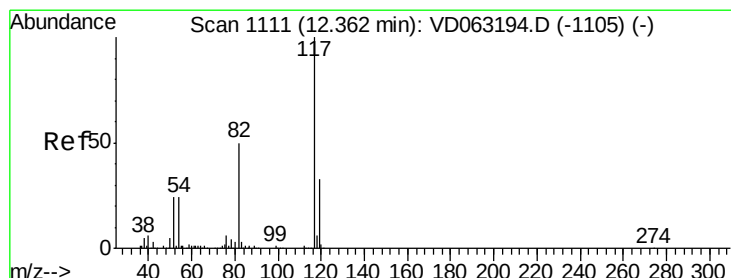
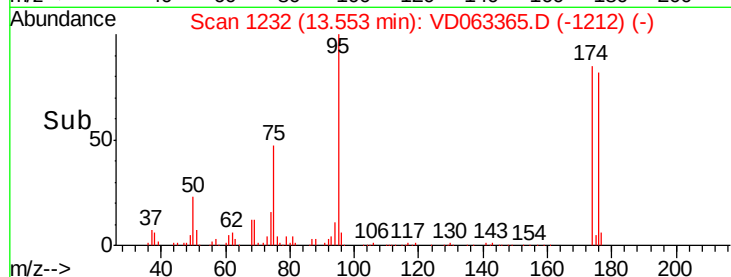
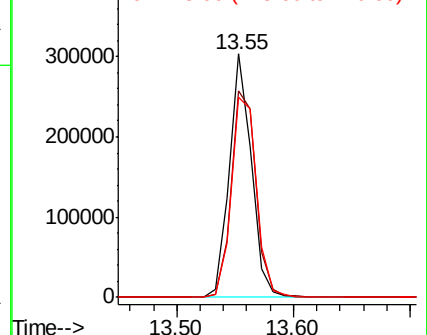
176 82.1 0.0 211.8



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: VD063365.D

Acq: 3 Aug 2019 16:56

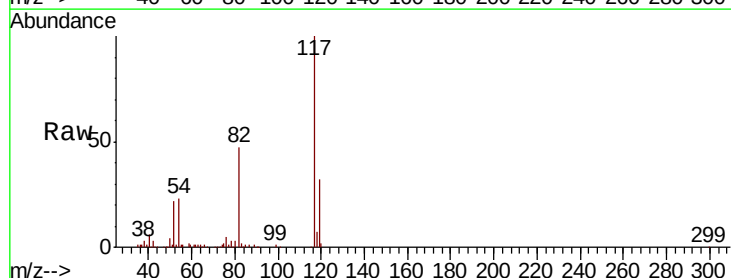
Tgt Ion: 117 Resp: 826237

Ion Ratio Lower Upper

117 100

82 47.3 40.1 60.1

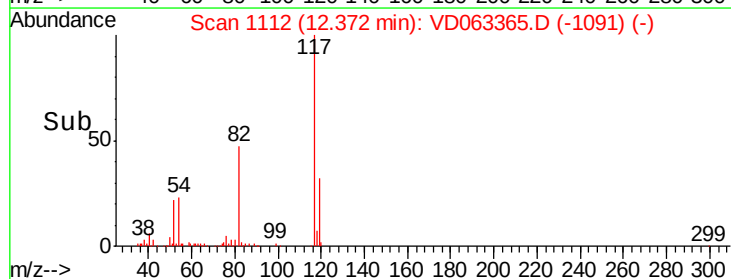
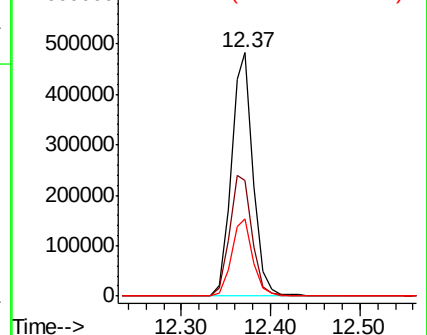
119 31.5 26.5 39.7

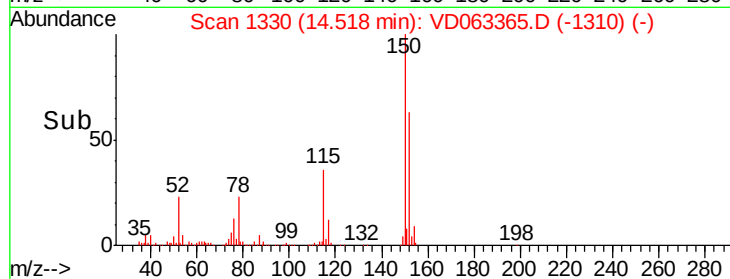
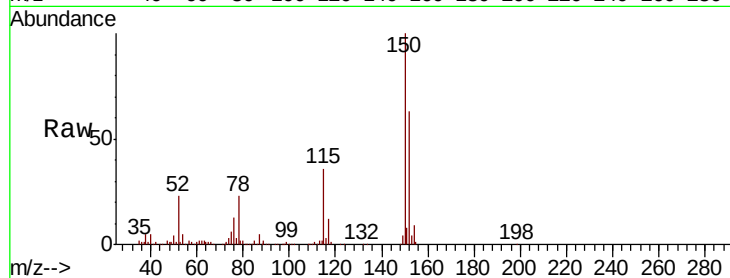
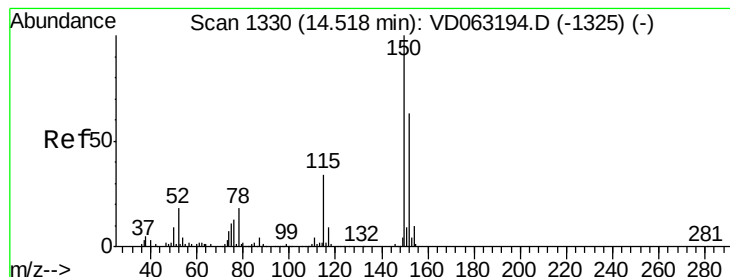


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD063365.D

Acq: 3 Aug 2019 16:56

Instrument :

MSVOA_D

ClientSampleId :

1S-A1-(0-1)

Tot Ion:152 Resp: 372592

Ion Ratio Lower Upper

152 100

115 57.3 27.5 82.4

150 158.7 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

