

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080219\
 Data File : VD063347.D
 Acq On : 3 Aug 2019 6:53
 Operator : VA/AP
 Sample : K4129-09
 Misc : 5.69g/5ml/MSVOA D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 2S-E1-(30)

Quant Time: Aug 04 05:12:30 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

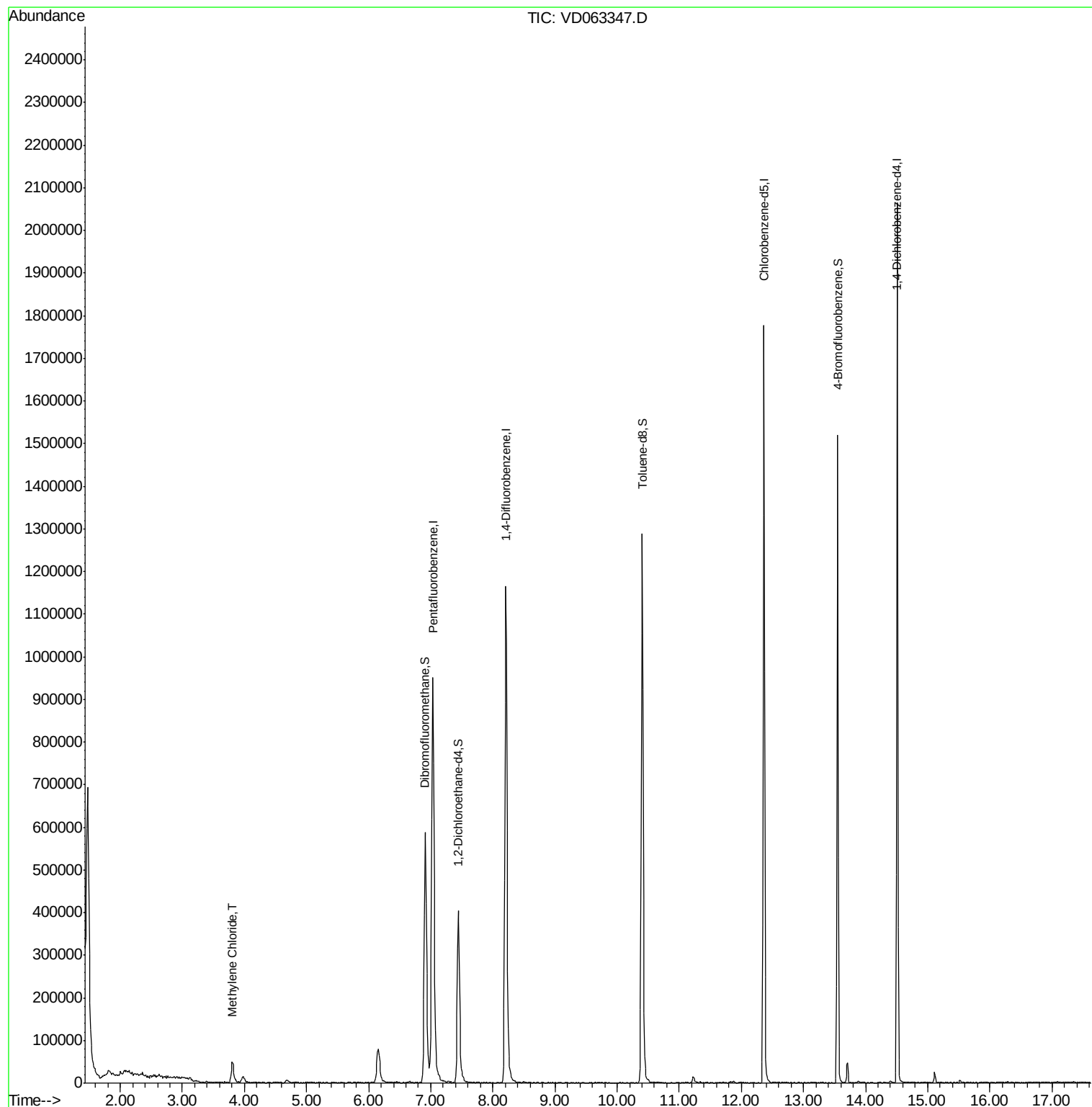
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	942644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1230246	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	920226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	463901	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	484353	46.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.62%	
35) Dibromofluoromethane	6.91	113	518158	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	10.40	98	1022105	43.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.96%	
62) 4-Bromofluorobenzene	13.55	95	415936	38.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.66%	
Target Compounds						
20) Methylene Chloride	3.81	84	30152	3.660	ug/l	Qvalue 96

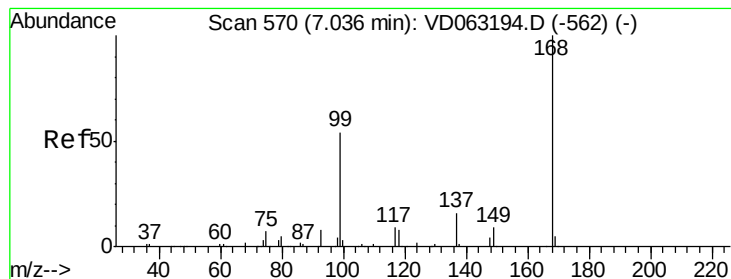
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063347.D

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MSVOA_D

ClientSampleId :

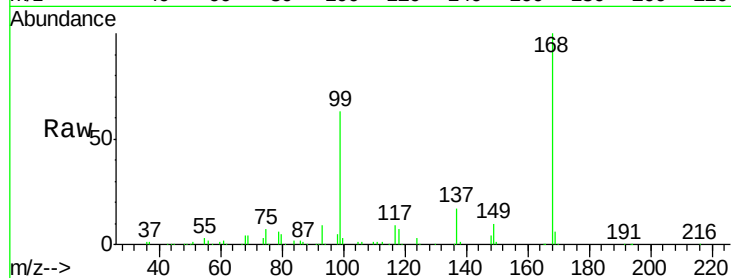
2S-E1-(30)

Tot Ion:168 Resp: 942644

Ion Ratio Lower Upper

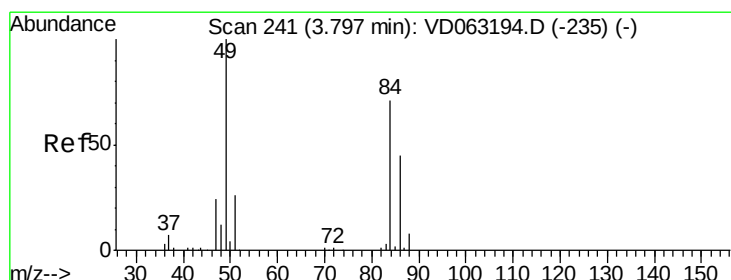
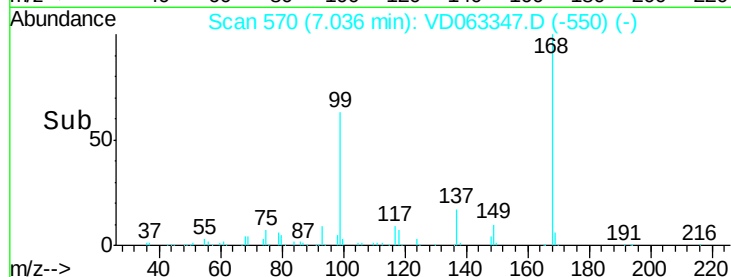
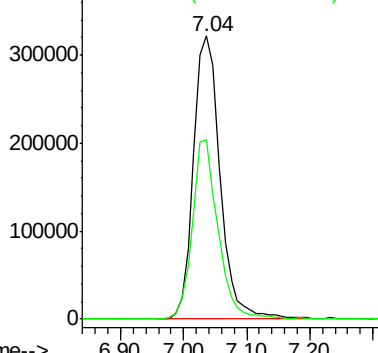
168 100

99 63.3 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: 3.660 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD063347.D

Acq: 3 Aug 2019 6:53

Tgt Ion: 84 Resp: 30152

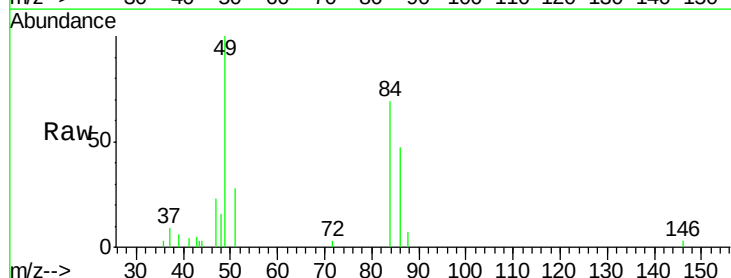
Ion Ratio Lower Upper

84 100

49 144.1 112.5 168.7

51 40.9 29.6 44.4

86 67.9 50.4 75.6

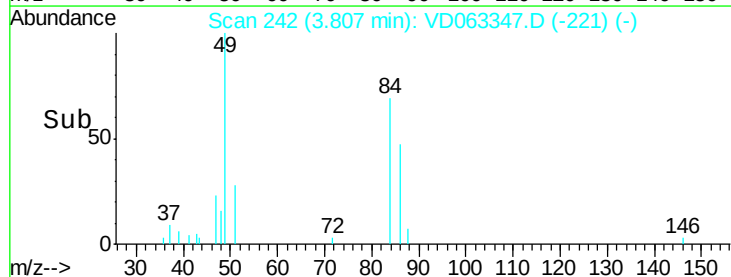
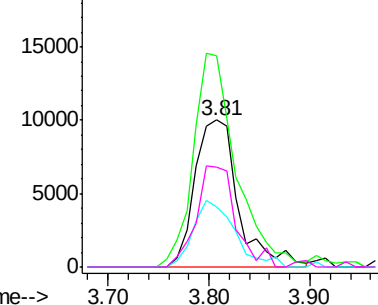


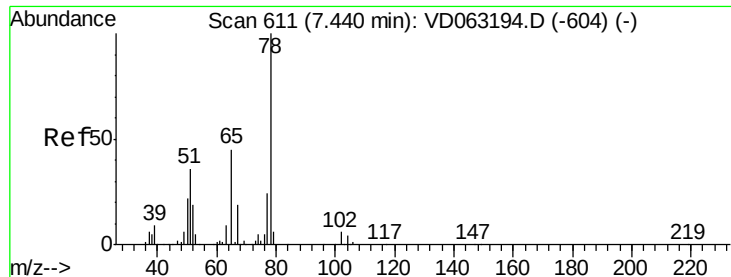
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

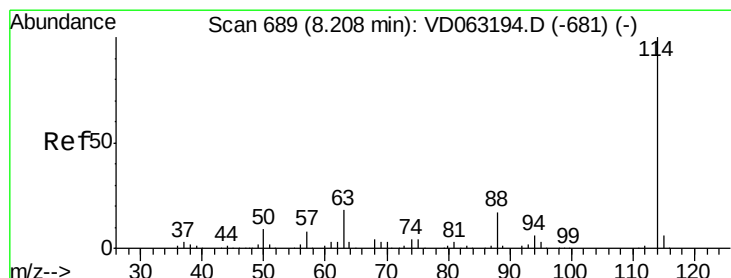
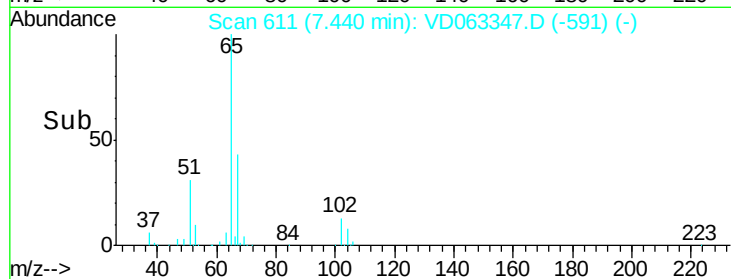
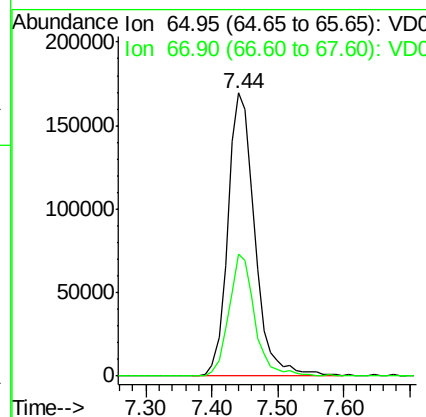
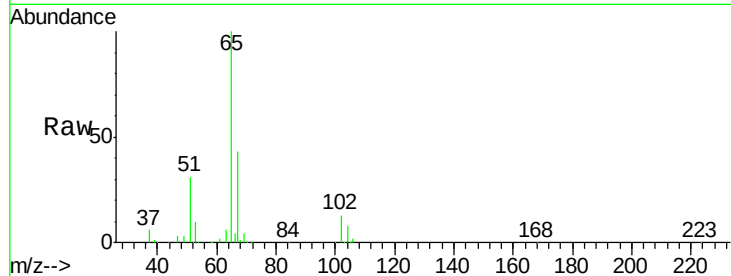




#33
 1,2-Dichloroethane-d4
 Concen: 46.307 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VD063347.D
 Acq: 3 Aug 2019 6:53

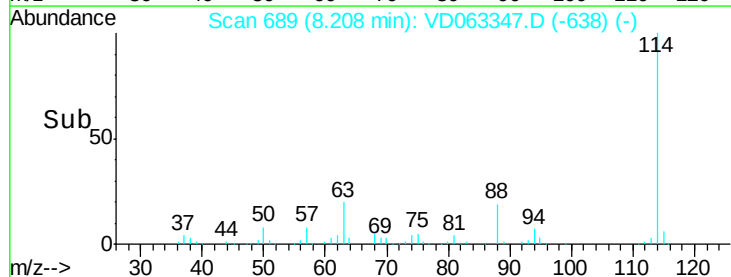
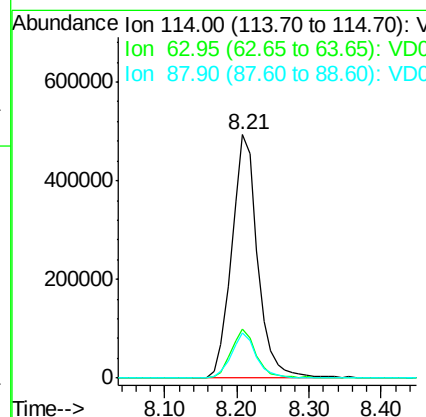
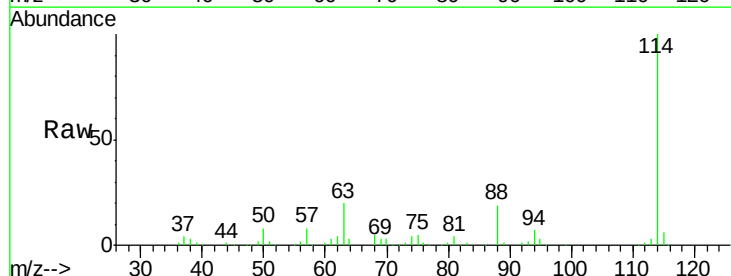
Instrument :
 MSVOA_D
 ClientSampleId :
 2S-E1-(30)

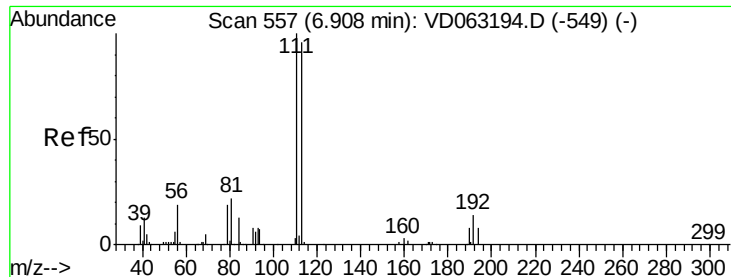
Tot Ion: 65 Resp: 484353
 Ion Ratio Lower Upper
 65 100
 67 43.3 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: VD063347.D
 Acq: 3 Aug 2019 6:53

Tgt Ion: 114 Resp: 1230246
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 35.2
 88 18.6 0.0 34.6

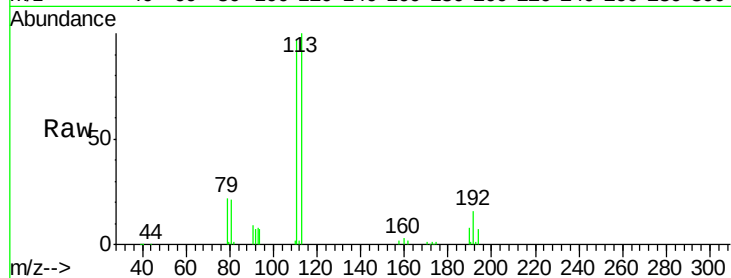




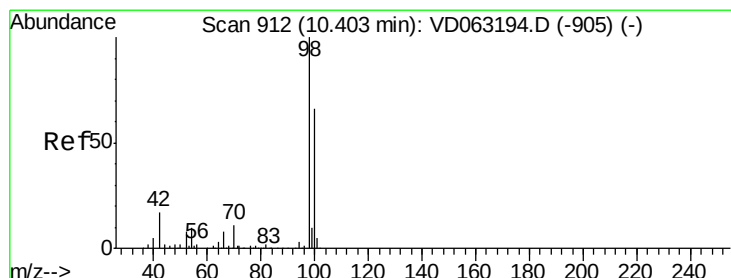
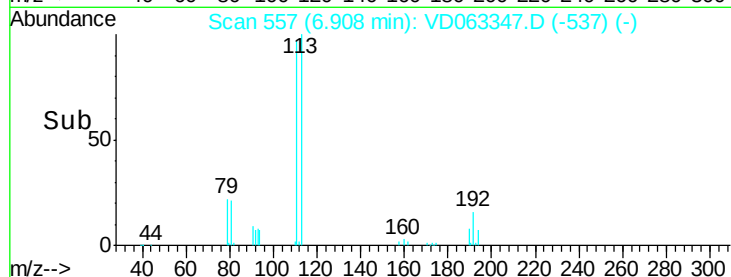
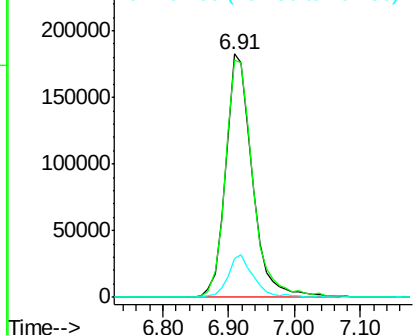
#35
 Dibromofluoromethane
 Concen: 49.331 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: VD063347.D
 Acq: 3 Aug 2019 6:53

Instrument :
 MSVOA_D
 ClientSampleId :
 2S-E1-(30)

Tot Ion	Ratio	Lower	Upper
113	100		
111	97.3	83.2	124.8
192	15.9	11.8	17.8

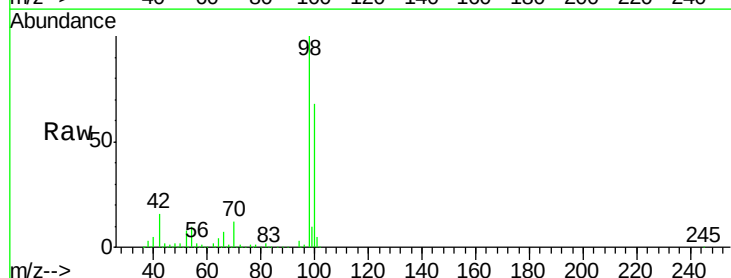


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

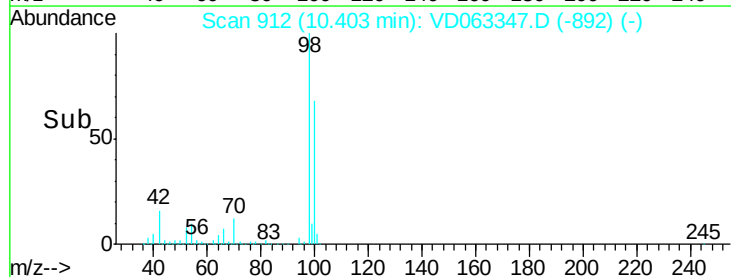
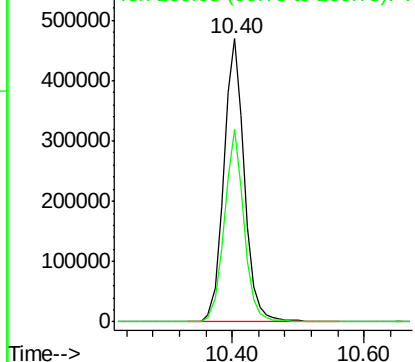


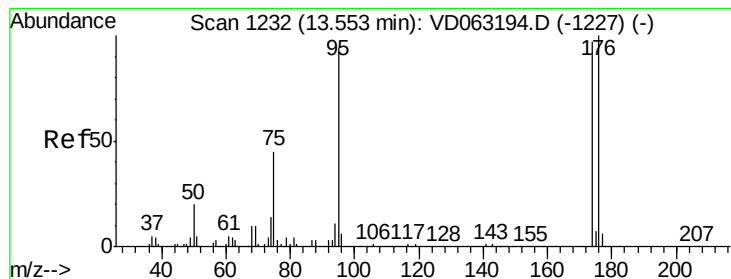
#50
 Toluene-d8
 Concen: 43.481 ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: VD063347.D
 Acq: 3 Aug 2019 6:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.9	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: 38.829 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063347.D

Acq: 3 Aug 2019 6:53

Instrument :

MSVOA_D

ClientSampleId :

2S-E1-(30)

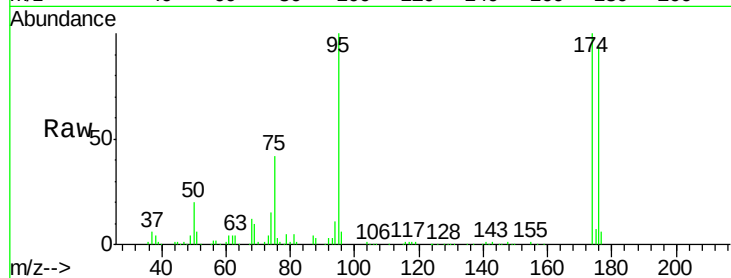
Tot Ion: 95 Resp: 415936

Ion Ratio Lower Upper

95 100

174 100.0 0.0 205.4

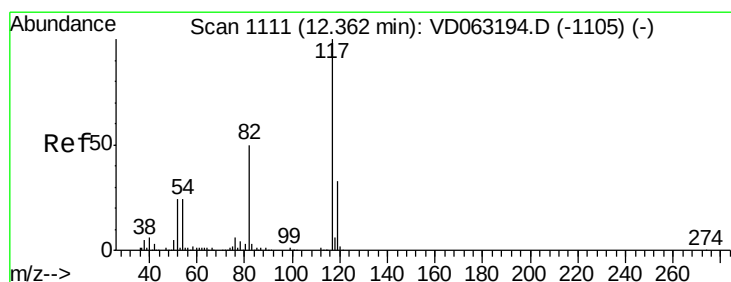
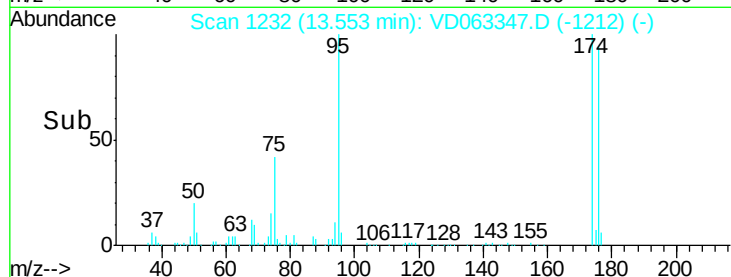
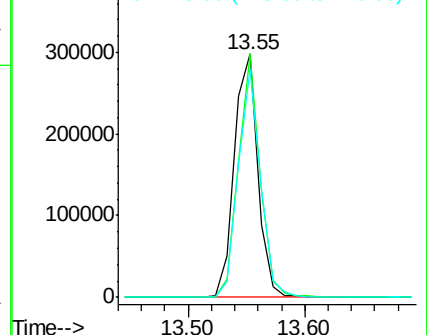
176 93.6 0.0 211.8



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: VD063347.D

Acq: 3 Aug 2019 6:53

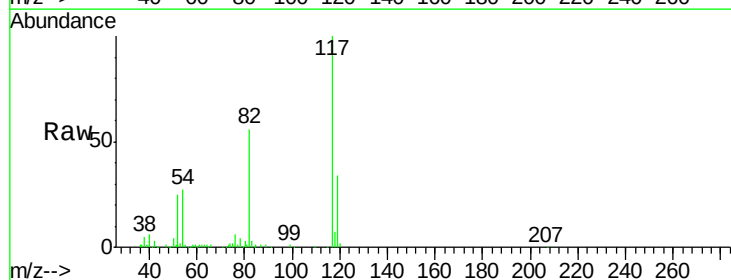
Tgt Ion: 117 Resp: 920226

Ion Ratio Lower Upper

117 100

82 56.1 40.1 60.1

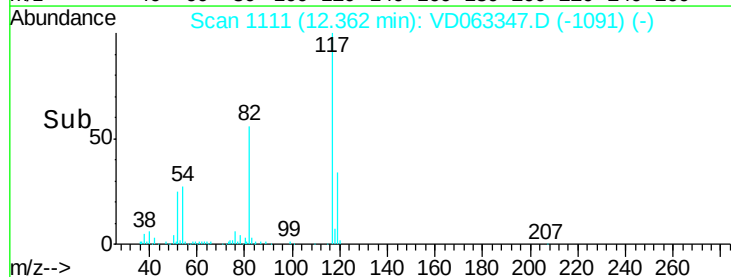
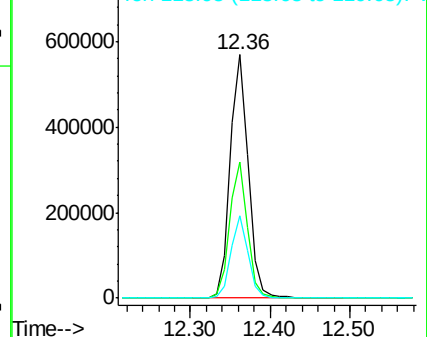
119 33.8 26.5 39.7

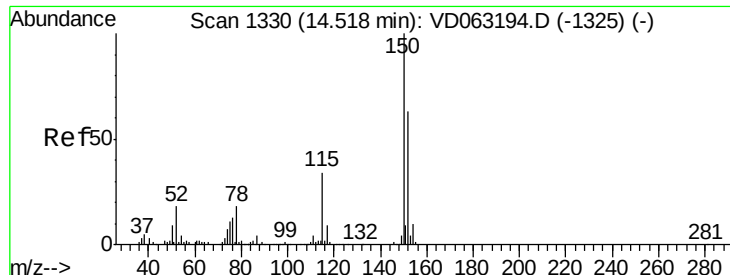


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD063347.D

Acq: 3 Aug 2019 6:53

Instrument :

MSVOA_D

ClientSampleId :

2S-E1-(30)

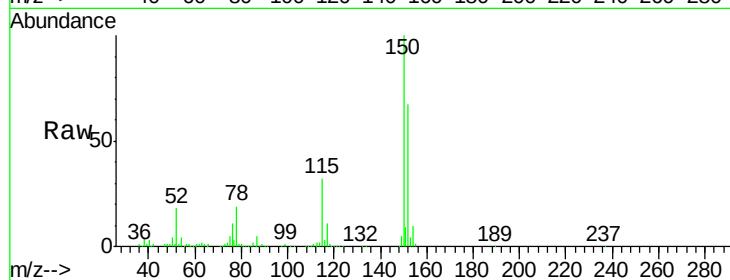
Tot Ion:152 Resp: 463901

Ion Ratio Lower Upper

152 100

115 48.0 27.5 82.4

150 148.9 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

