

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072919\
 Data File : VD063225.D
 Acq On : 30 Jul 2019 4:54
 Operator : VA/AP
 Sample : K4049-12
 Misc : 4.35g/5ml/MSVOA D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-12

Quant Time: Jul 30 08:55:39 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

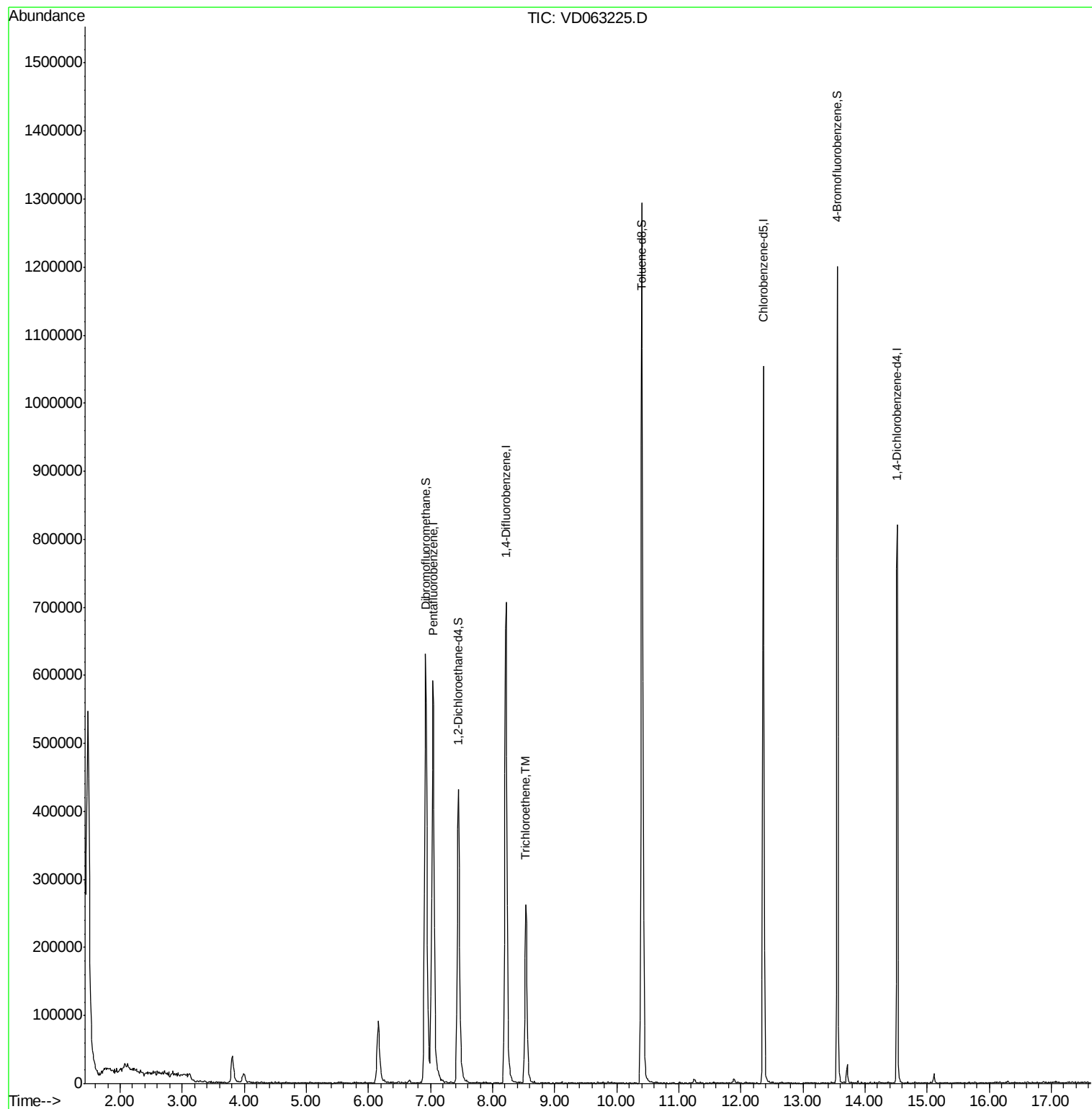
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	585979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	771479	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	536752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	189328	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	497023	76.44	ug/l	0.01
Spiked Amount 50.000			Recovery	=	152.88%	
35) Dibromofluoromethane	6.92	113	538153	81.70	ug/l	0.01
Spiked Amount 50.000			Recovery	=	163.40%	
50) Toluene-d8	10.40	98	1027122	69.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	139.36%	
62) 4-Bromofluorobenzene	13.55	95	314869	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
Target Compounds						
44) Trichloroethene	8.53	130	105626	17.665	ug/l	Qvalue 89

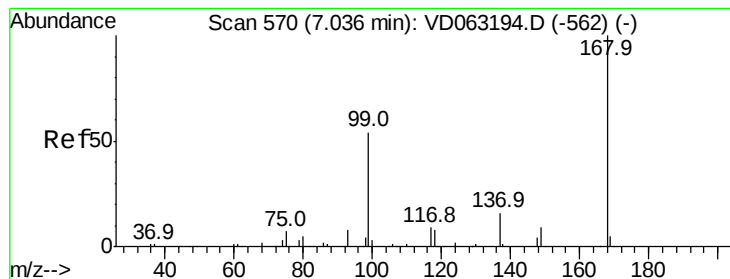
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063225.D

Acq: 30 Jul 2019 4:54

Instrument :

MSVOA_D

ClientSampleId :

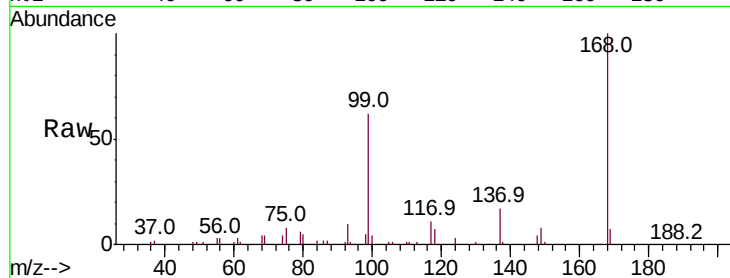
SP-12

Tot Ion:168 Resp: 585979

Ion Ratio Lower Upper

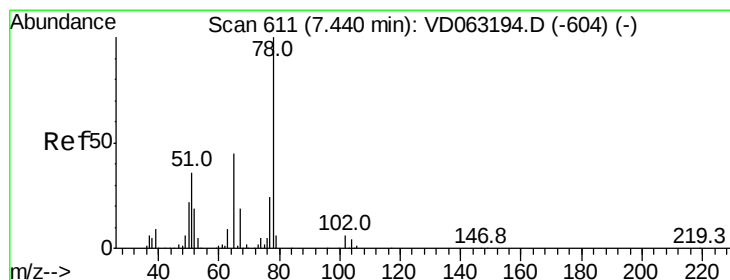
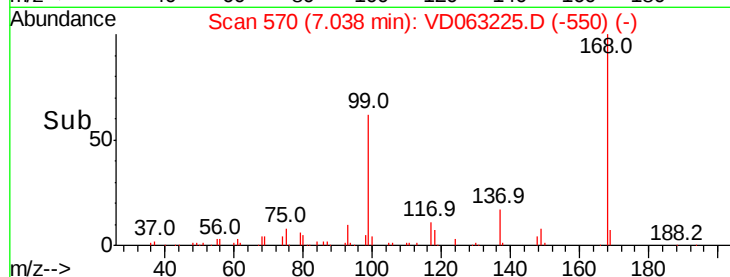
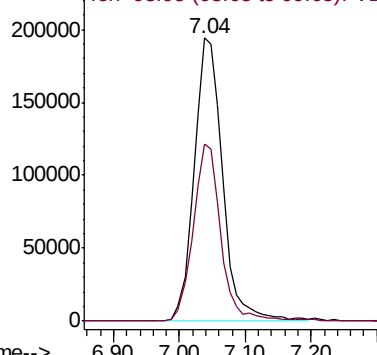
168 100

99 62.5 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 76.442 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063225.D

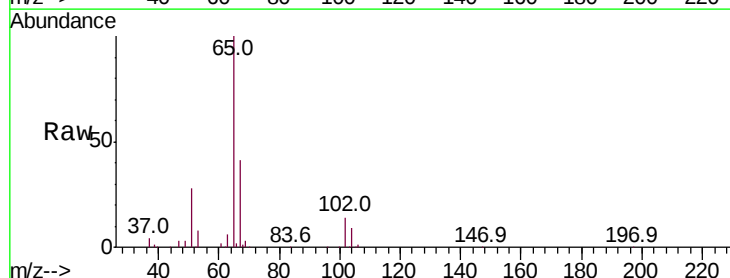
Acq: 30 Jul 2019 4:54

Tgt Ion: 65 Resp: 497023

Ion Ratio Lower Upper

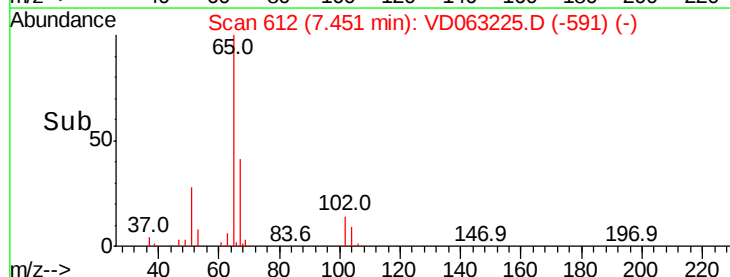
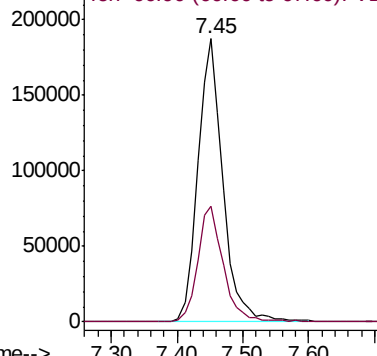
65 100

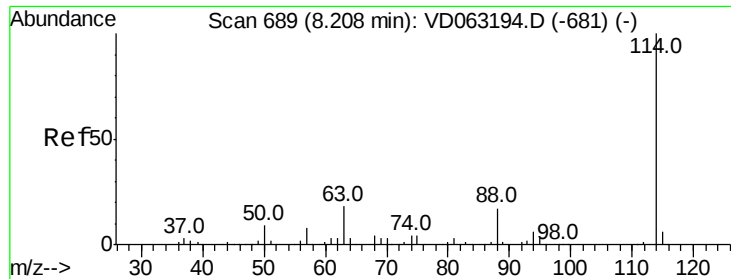
67 41.0 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

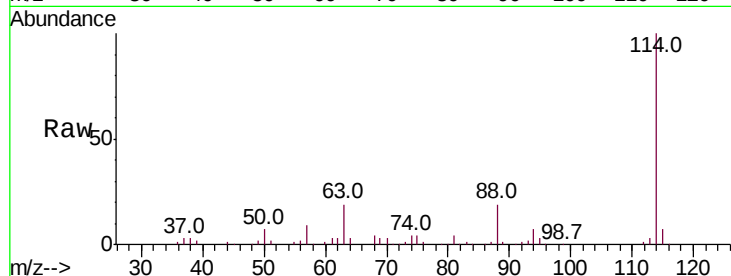




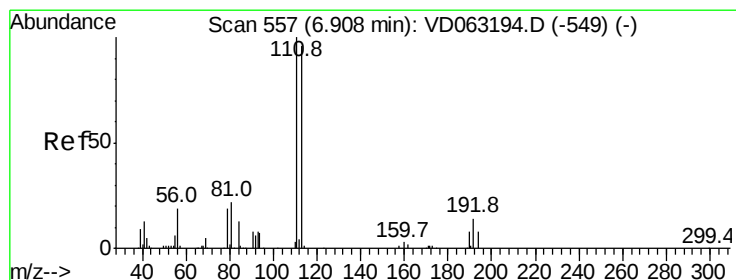
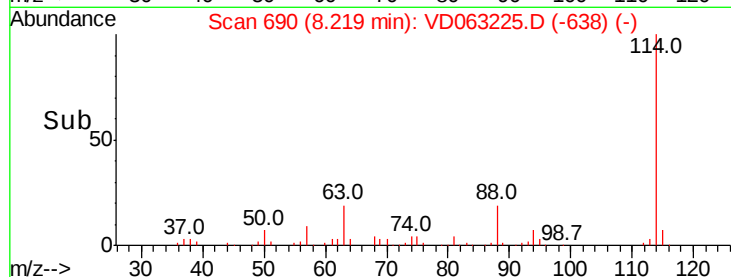
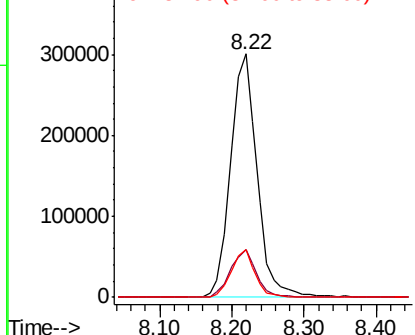
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VD063225.D
 Acq: 30 Jul 2019 4:54

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-12

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	35.2
88	19.5	0.0	34.6

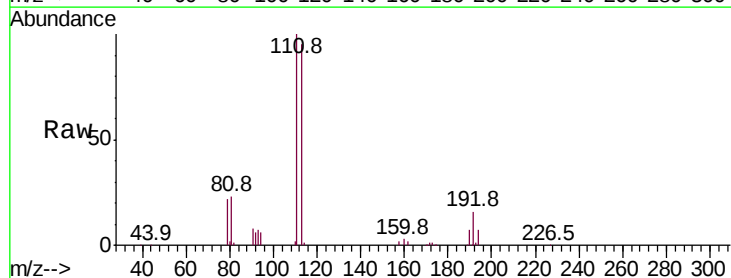


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

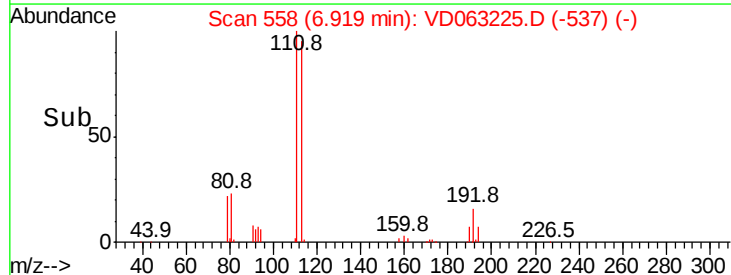
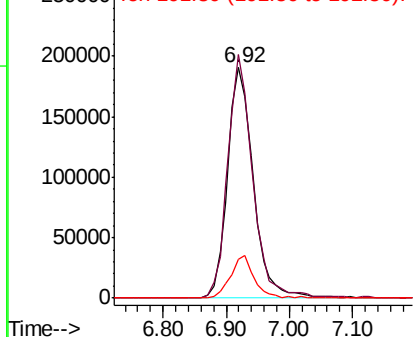


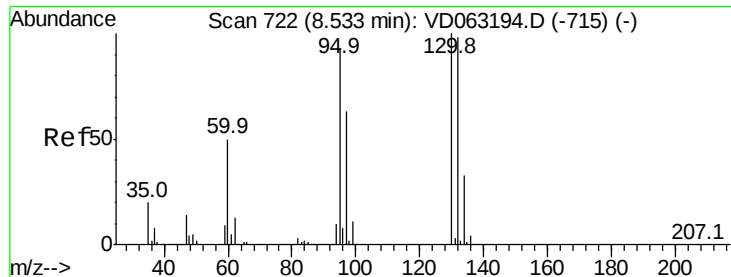
#35
 Dibromofluoromethane
 Concen: 81.702 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD063225.D
 Acq: 30 Jul 2019 4:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.7	83.2	124.8
192	16.7	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

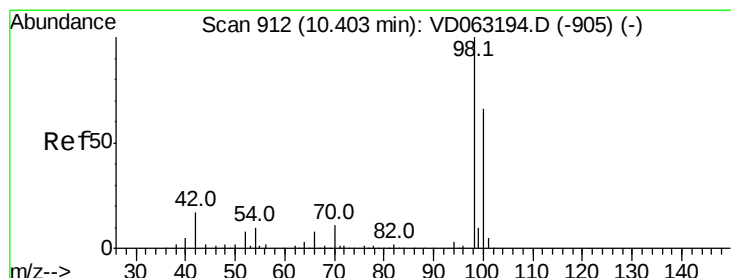
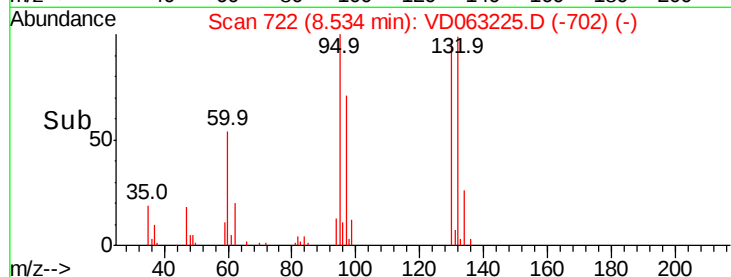
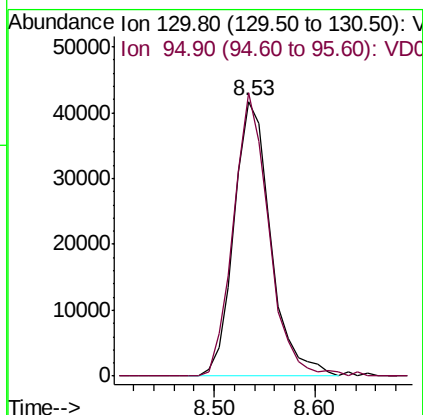
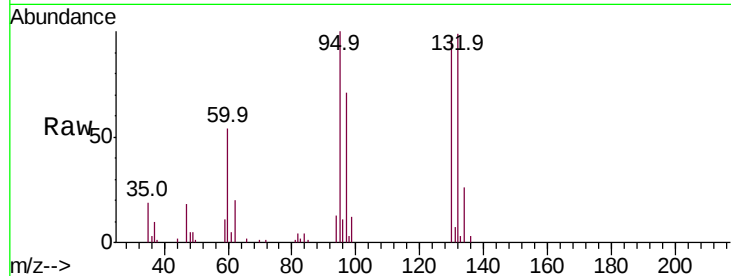




#44
 Trichloroethene
 Concen: 17.665 ug/l
 RT: 8.53 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: VD063225.D
 Acq: 30 Jul 2019 4:54

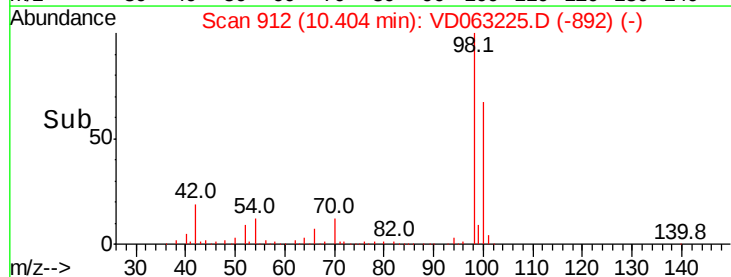
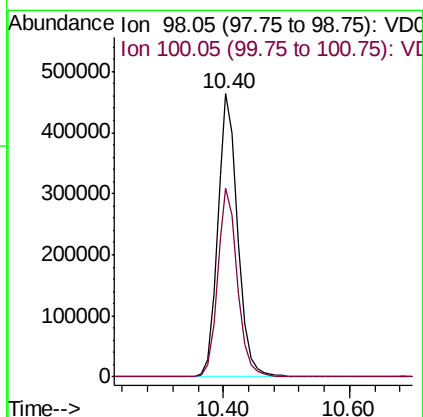
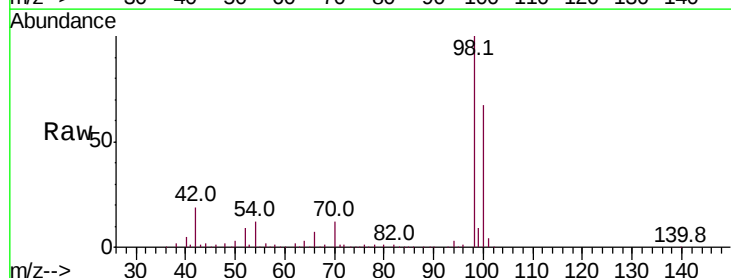
Instrument :
 MSVOA_D
 ClientSampleID :
 SP-12

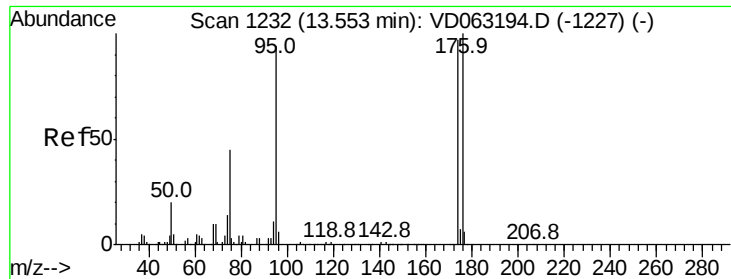
Tot Ion:130 Resp: 105626
 Ion Ratio Lower Upper
 130 100
 95 102.9 0.0 185.4



#50
 Toluene-d8
 Concen: 69.677 ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: VD063225.D
 Acq: 30 Jul 2019 4:54

Tgt Ion: 98 Resp: 1027122
 Ion Ratio Lower Upper
 98 100
 100 66.7 53.2 79.8





#62

4-Bromofluorobenzene

Concen: 46.873 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063225.D

Acq: 30 Jul 2019 4:54

Instrument :

MSVOA_D

ClientSampleId :

SP-12

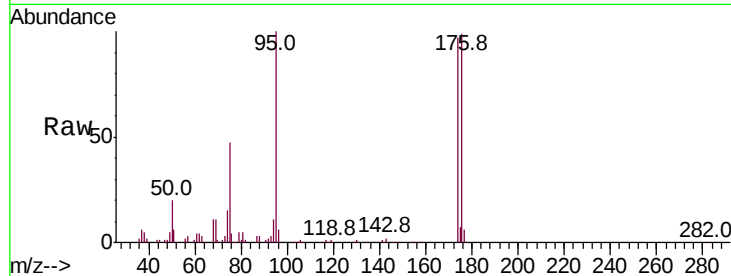
Tot Ion: 95 Resp: 314869

Ion Ratio Lower Upper

95 100

174 96.5 0.0 205.4

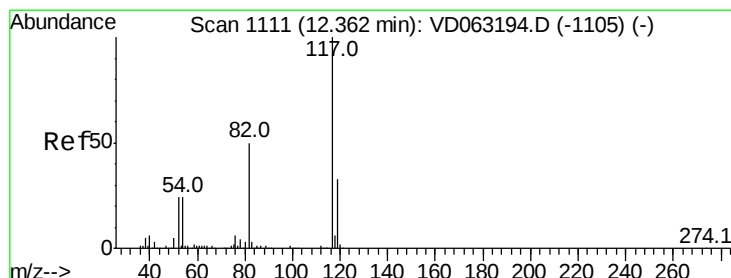
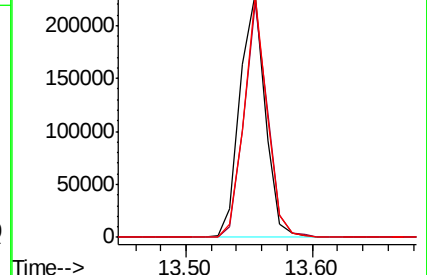
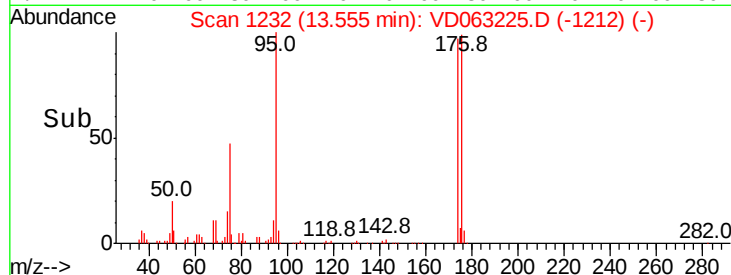
176 99.4 0.0 211.8



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: VD063225.D

Acq: 30 Jul 2019 4:54

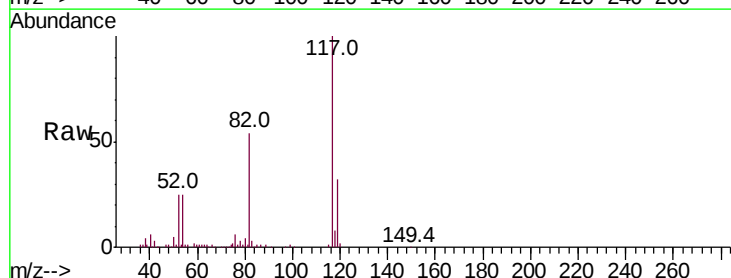
Tgt Ion: 117 Resp: 536752

Ion Ratio Lower Upper

117 100

82 53.7 40.1 60.1

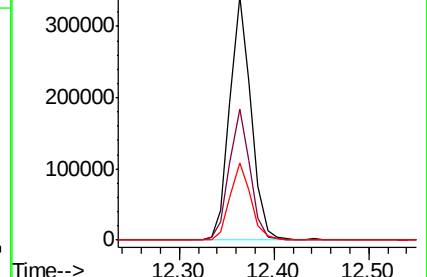
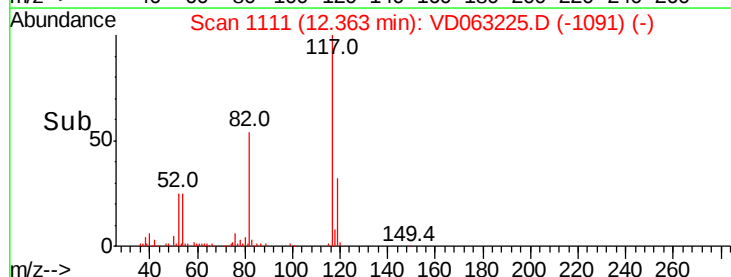
119 31.7 26.5 39.7

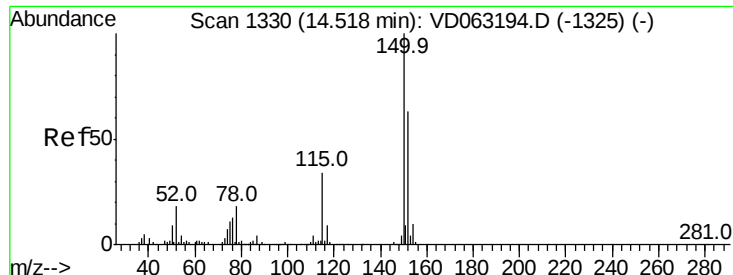


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD063225.D

Acq: 30 Jul 2019 4:54

Instrument :

MSVOA_D

ClientSampleId :

SP-12

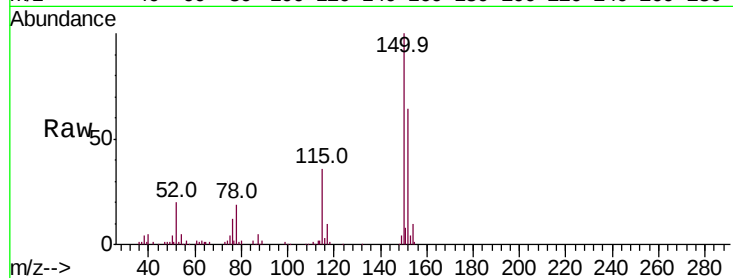
Tot Ion:152 Resp: 189328

Ion Ratio Lower Upper

152 100

115 55.6 27.5 82.4

150 155.5 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

