

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072919\
 Data File : VD063222.D
 Acq On : 30 Jul 2019 3:33
 Operator : VA/AP
 Sample : K4049-09
 Misc : 4.53g/5ml/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-9

Quant Time: Jul 30 04:30:45 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

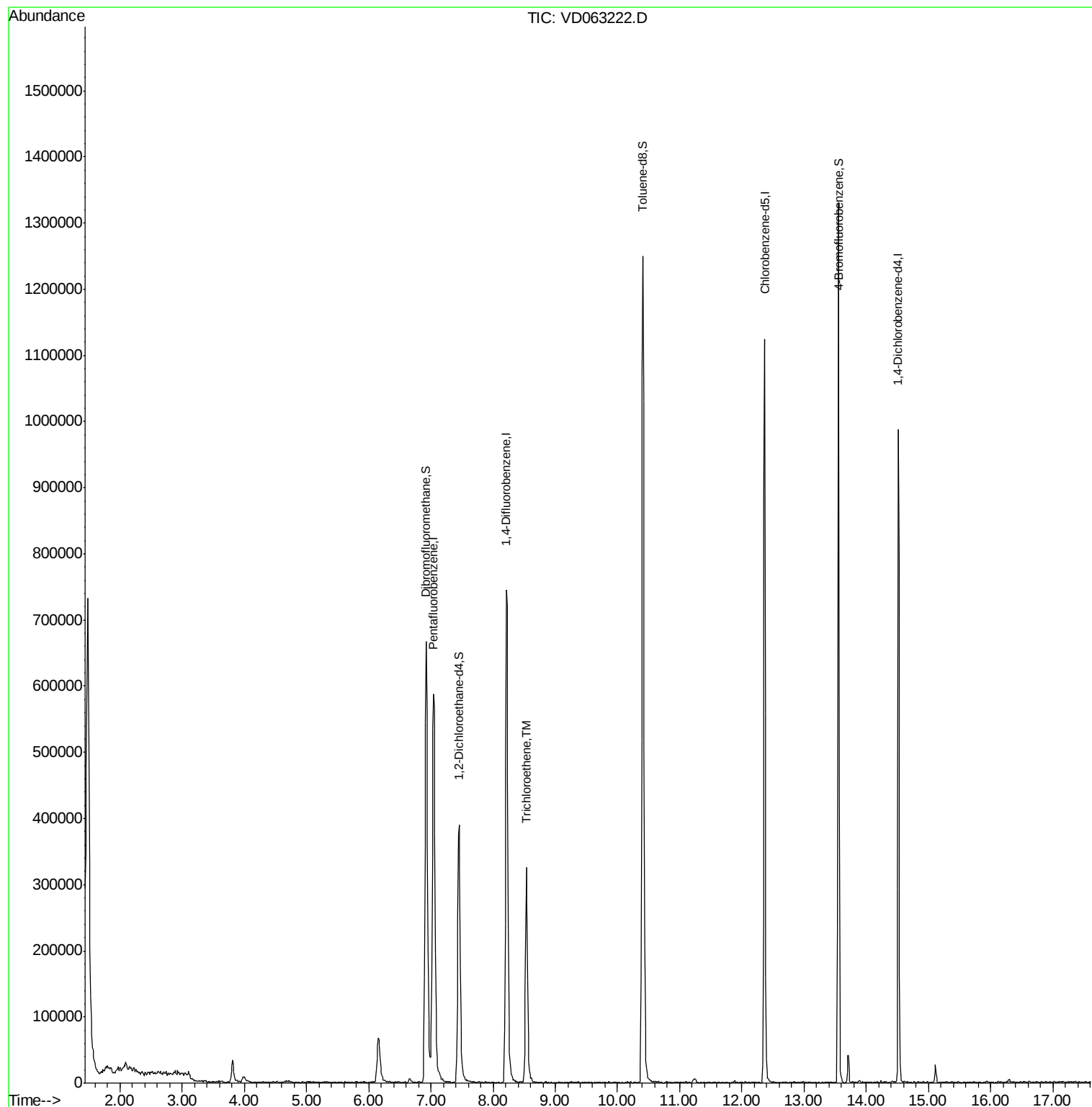
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	617446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	807938	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	593717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	223814	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	468106	68.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.66%	
35) Dibromofluoromethane	6.92	113	572068	82.93	ug/l	0.01
Spiked Amount 50.000			Recovery	=	165.86%	
50) Toluene-d8	10.41	98	1060232	68.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	137.36%	
62) 4-Bromofluorobenzene	13.56	95	375645	53.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.80%	
Target Compounds						
44) Trichloroethene	8.54	130	134629	21.500	ug/l	Qvalue 98

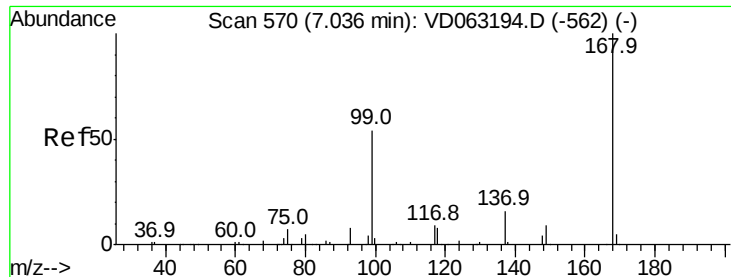
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD063222.D

Acq: 30 Jul 2019 3:33

Instrument :

MSVOA_D

ClientSampleId :

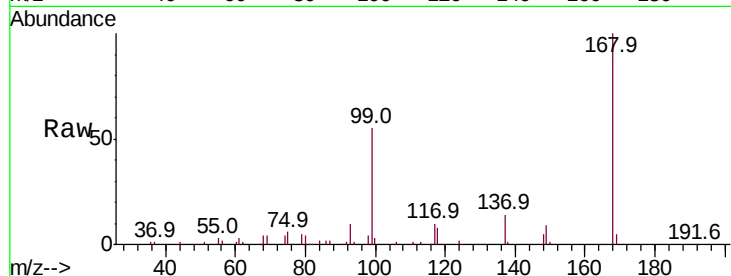
SP-9

Tot Ion:168 Resp: 617446

Ion Ratio Lower Upper

168 100

99 55.3 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

200000

150000

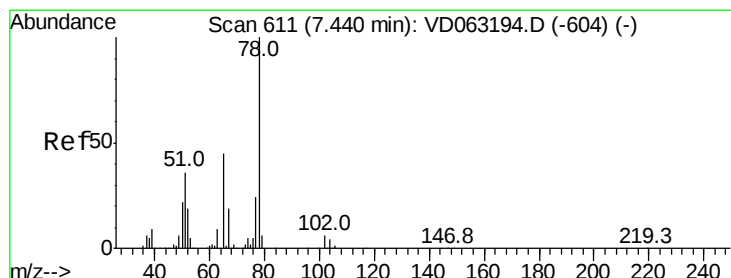
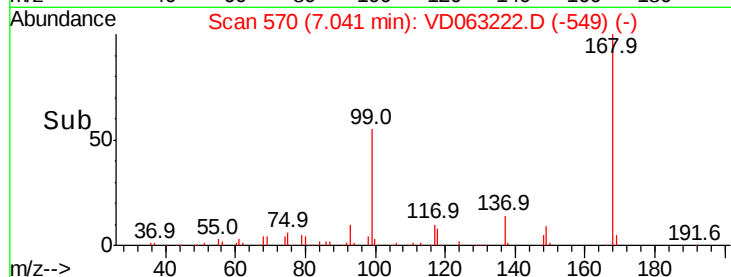
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 68.325 ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.00 min

Lab File: VD063222.D

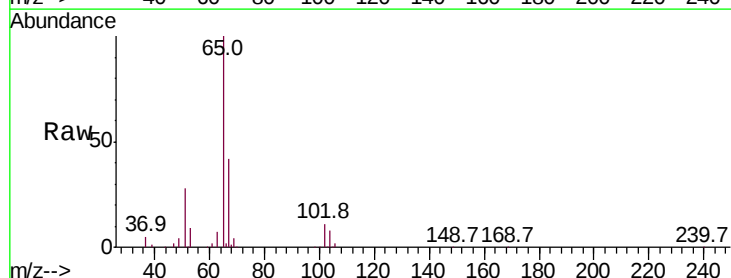
Acq: 30 Jul 2019 3:33

Tgt Ion: 65 Resp: 468106

Ion Ratio Lower Upper

65 100

67 41.9 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

150000

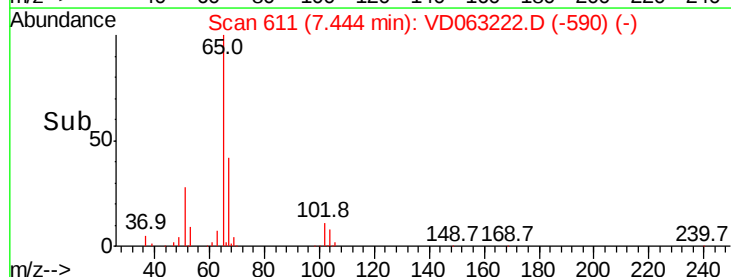
100000

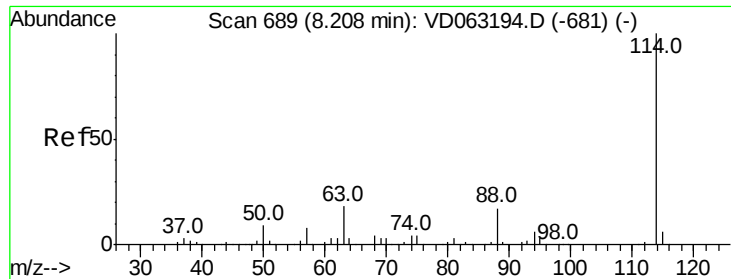
50000

0

Time-->

7.30 7.40 7.50 7.60

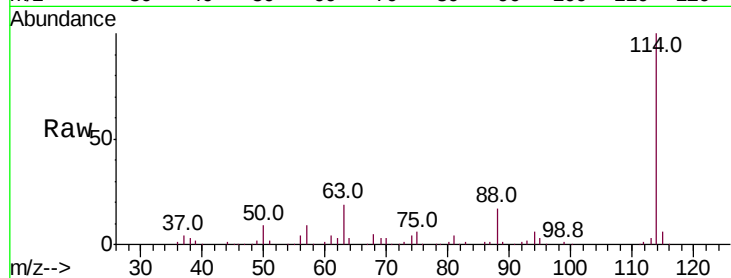




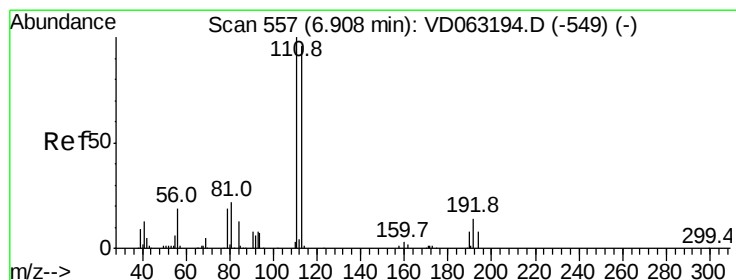
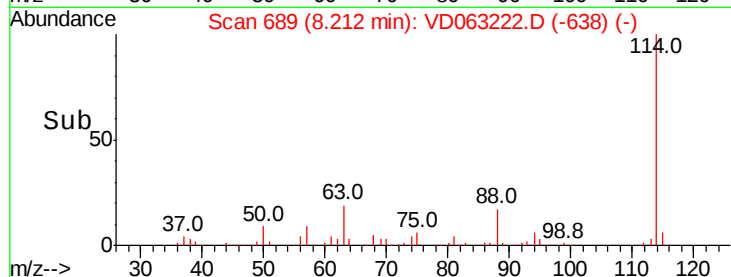
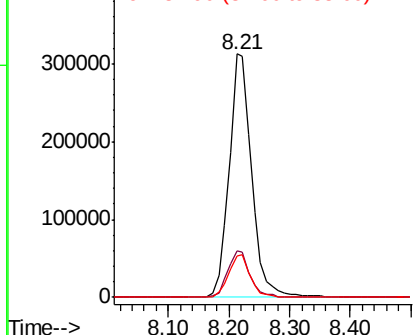
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: VD063222.D
 Acq: 30 Jul 2019 3:33

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-9

Tot Ion:114 Resp: 807938
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 35.2
 88 16.8 0.0 34.6

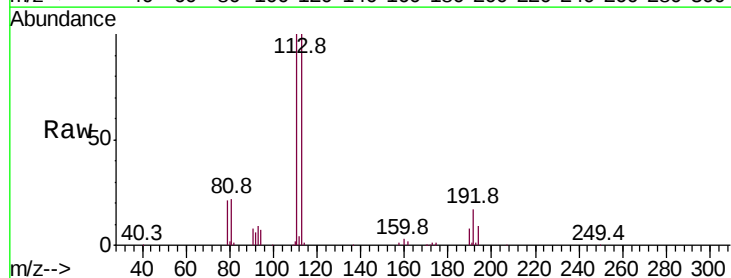


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VD
 Ion 87.90 (87.60 to 88.60): VD

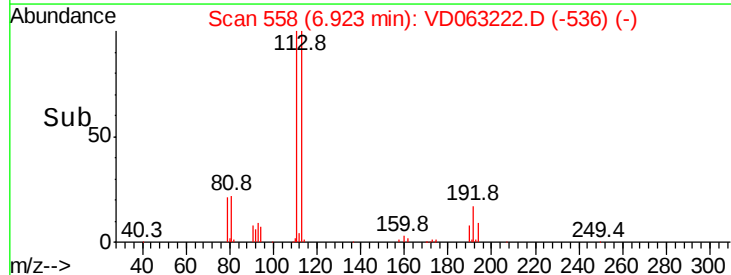
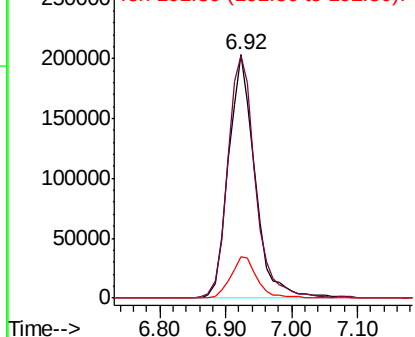


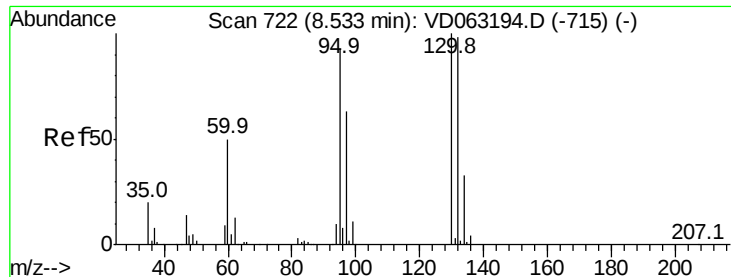
#35
 Dibromofluoromethane
 Concen: 82.932 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD063222.D
 Acq: 30 Jul 2019 3:33

Tgt Ion:113 Resp: 572068
 Ion Ratio Lower Upper
 113 100
 111 99.7 83.2 124.8
 192 17.2 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

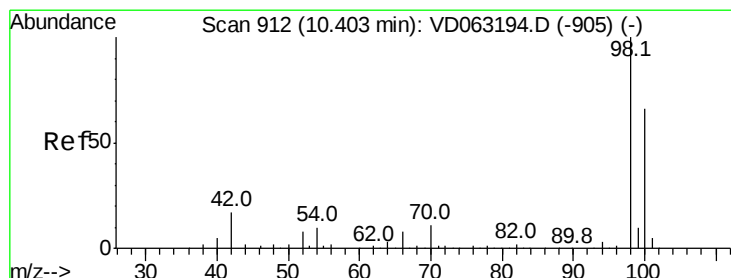
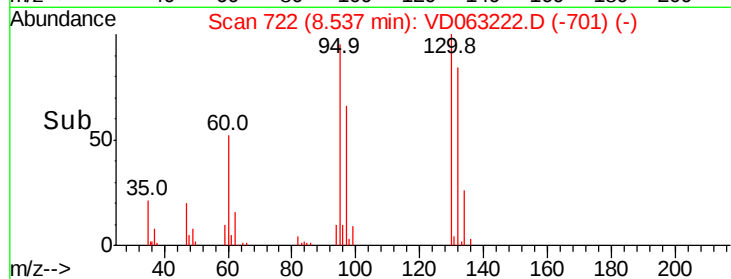
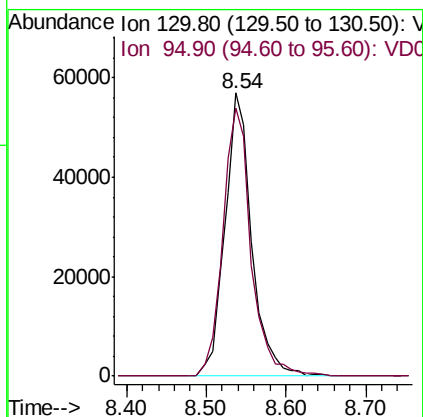
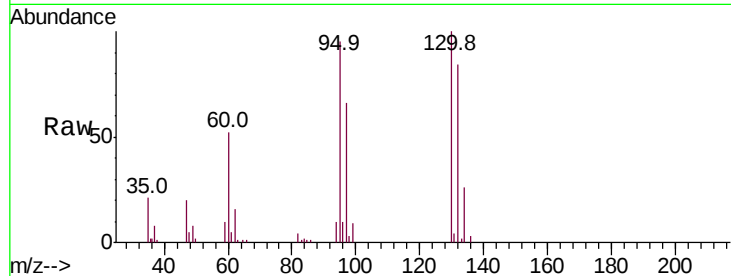




#44
 Trichloroethene
 Concen: 21.500 ug/l
 RT: 8.54 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: VD063222.D
 Acq: 30 Jul 2019 3:33

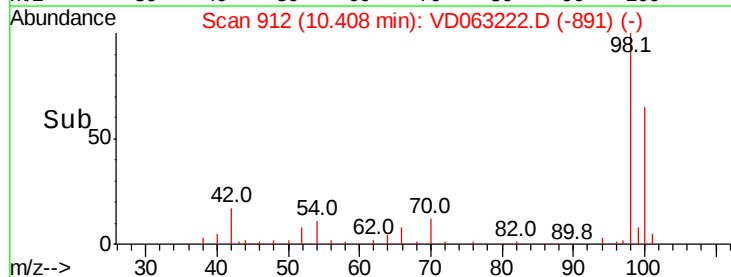
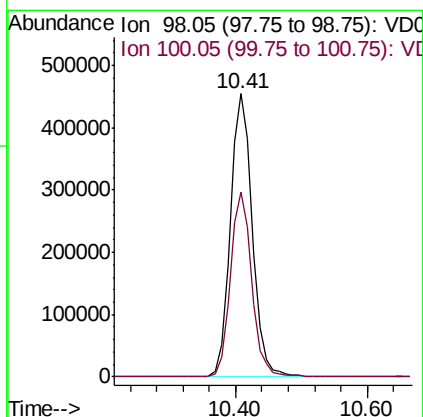
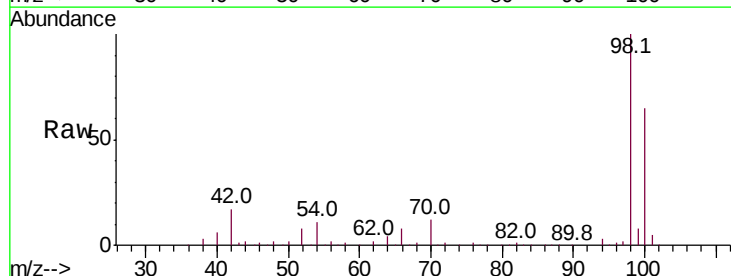
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-9

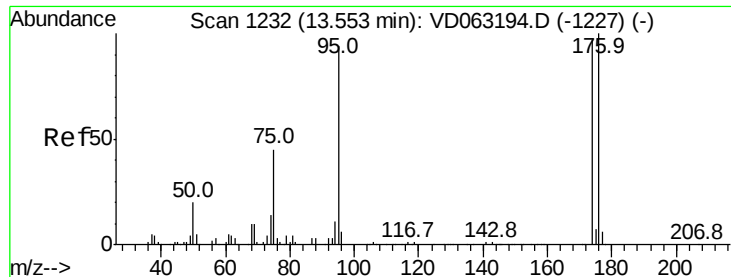
Tot Ion:130 Resp: 134629
 Ion Ratio Lower Upper
 130 100
 95 94.6 0.0 185.4



#50
 Toluene-d8
 Concen: 68.677 ug/l
 RT: 10.41 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: VD063222.D
 Acq: 30 Jul 2019 3:33

Tgt Ion: 98 Resp: 1060232
 Ion Ratio Lower Upper
 98 100
 100 65.2 53.2 79.8





#62

4-Bromofluorobenzene

Concen: 53.397 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063222.D

Acq: 30 Jul 2019 3:33

Instrument :

MSVOA_D

ClientSampleId :

SP-9

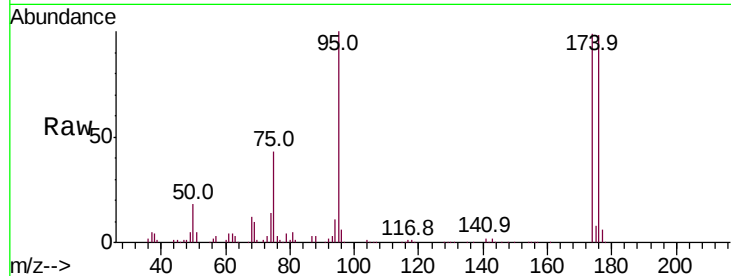
Tot Ion: 95 Resp: 375645

Ion Ratio Lower Upper

95 100

174 98.7 0.0 205.4

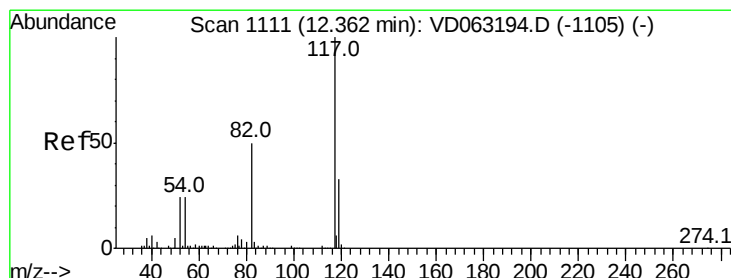
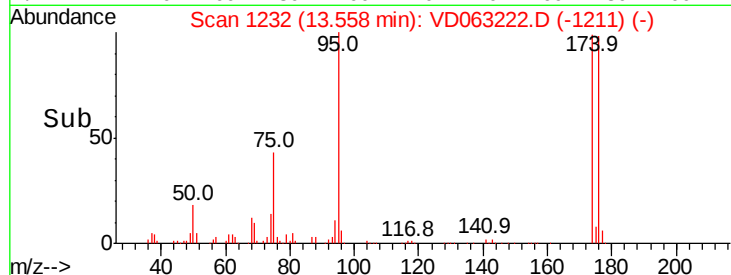
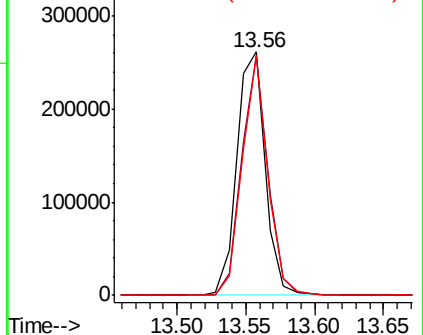
176 98.3 0.0 211.8



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# 1111

Delta R.T. 0.00 min

Lab File: VD063222.D

Acq: 30 Jul 2019 3:33

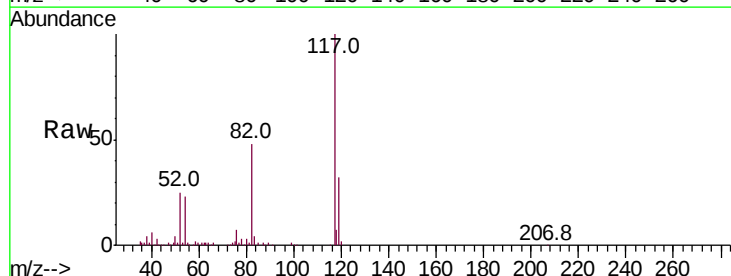
Tgt Ion: 117 Resp: 593717

Ion Ratio Lower Upper

117 100

82 48.4 40.1 60.1

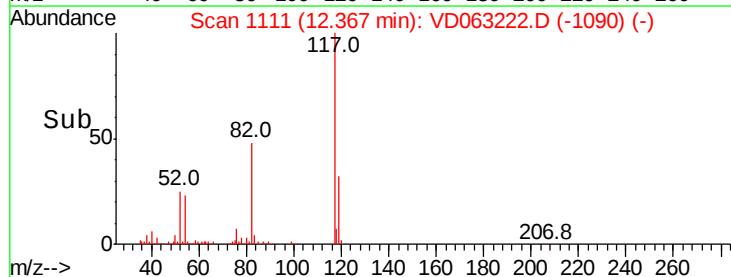
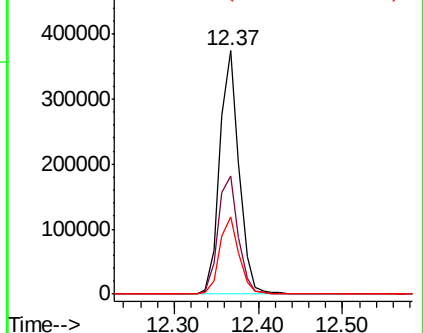
119 31.6 26.5 39.7

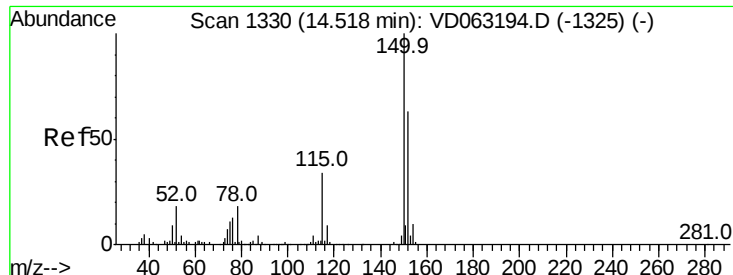


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD063222.D

Acq: 30 Jul 2019 3:33

Instrument :

MSVOA_D

ClientSampleId :

SP-9

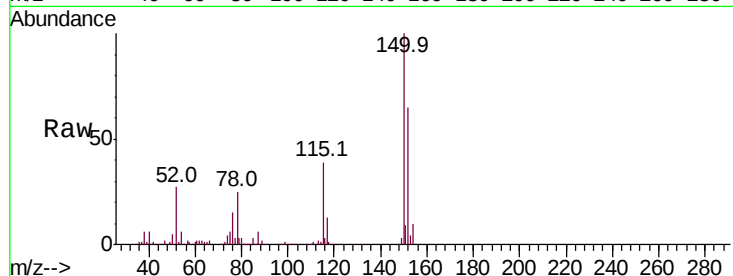
Tot Ion:152 Resp: 223814

Ion Ratio Lower Upper

152 100

115 60.3 27.5 82.4

150 154.9 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

