

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080219\
 Data File : VD063341.D
 Acq On : 3 Aug 2019 4:11
 Operator : VA/AP
 Sample : K4129-01
 Misc : 5.53g/5ml/MSVOA D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

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

Quant Time: Aug 04 05:04:34 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

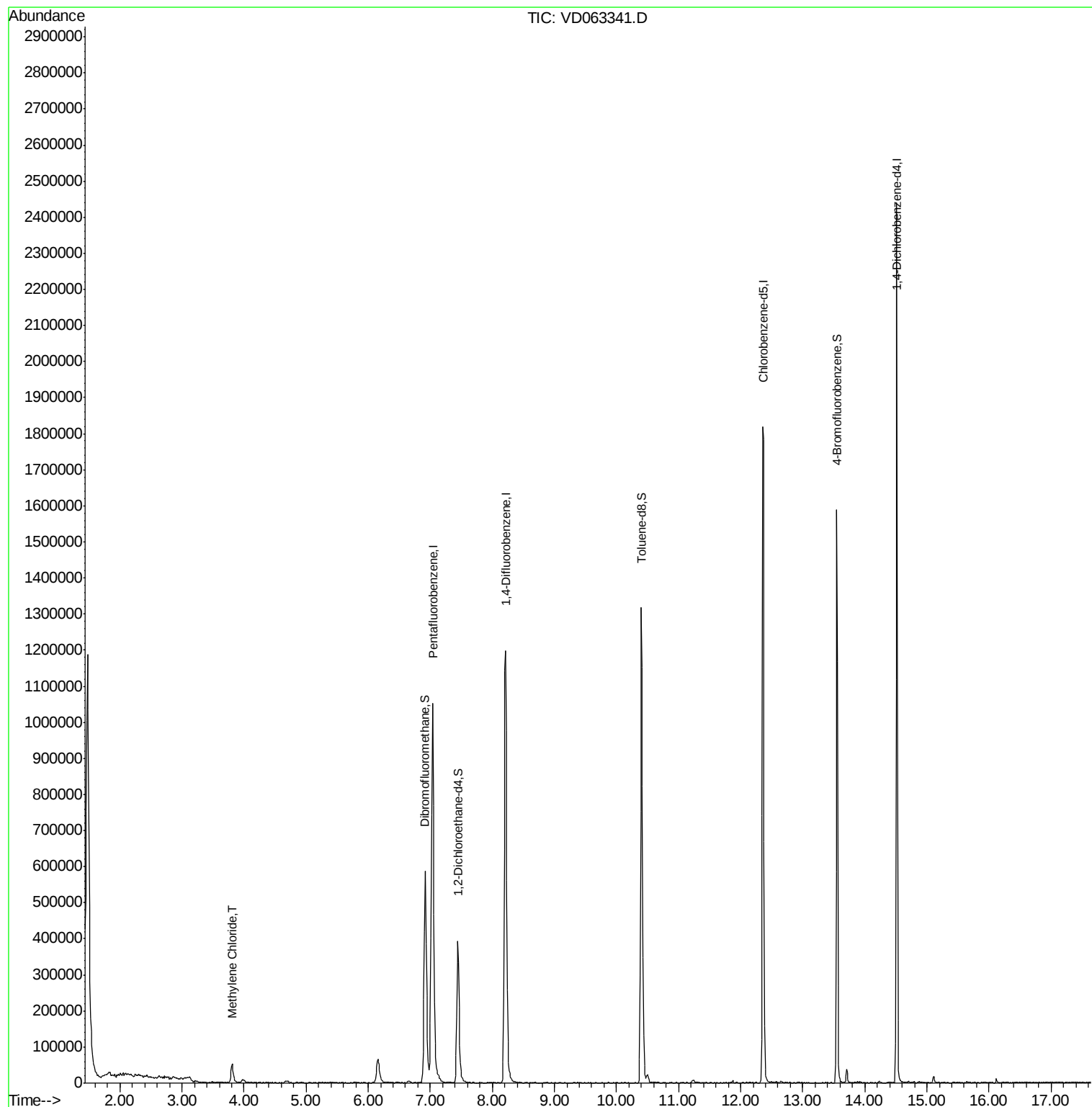
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1043357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1354141	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1033631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	501837	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	453090	39.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.28%	
35) Dibromofluoromethane	6.91	113	516675	44.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.38%	
50) Toluene-d8	10.40	98	1079813	41.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.46%	
62) 4-Bromofluorobenzene	13.55	95	425675	36.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.20%	
Target Compounds						
20) Methylene Chloride	3.81	84	29027	3.184	ug/l	Qvalue 92

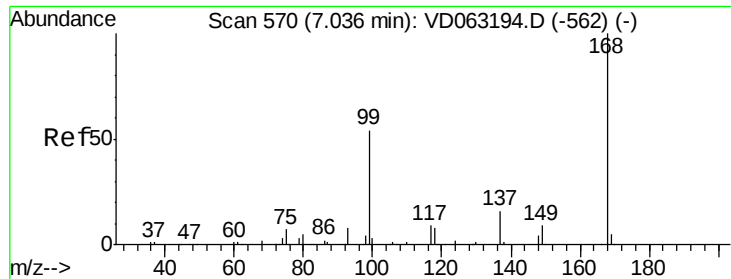
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD063341.D

Acq: 3 Aug 2019 4:11

Instrument :

MSVOA_D

ClientSampleId :

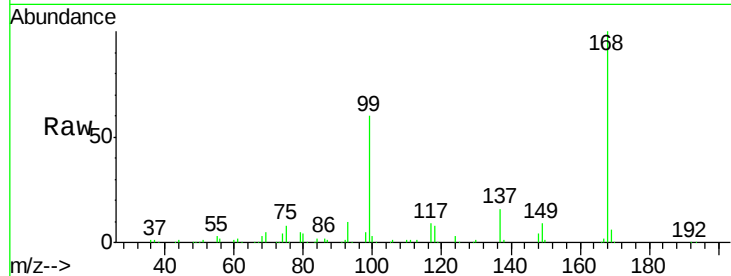
1S-H(0-1)

Tot Ion:168 Resp: 1043357

Ion Ratio Lower Upper

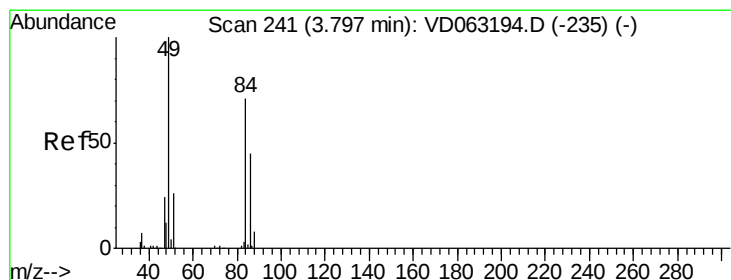
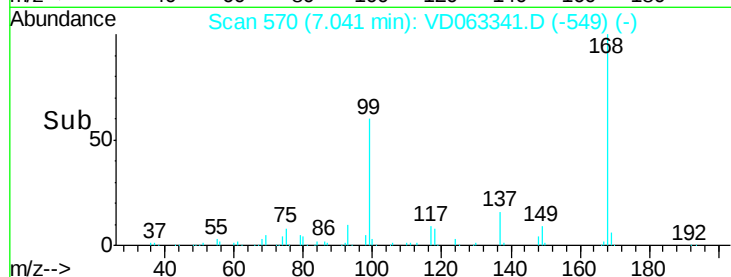
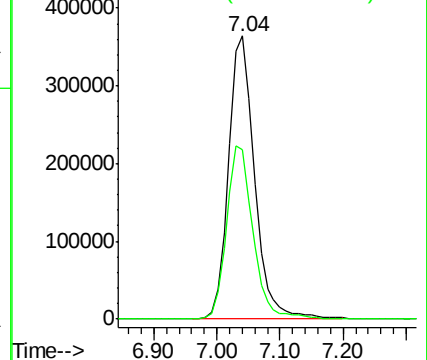
168 100

99 59.9 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: 3.184 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD063341.D

Acq: 3 Aug 2019 4:11

Tgt Ion: 84 Resp: 29027

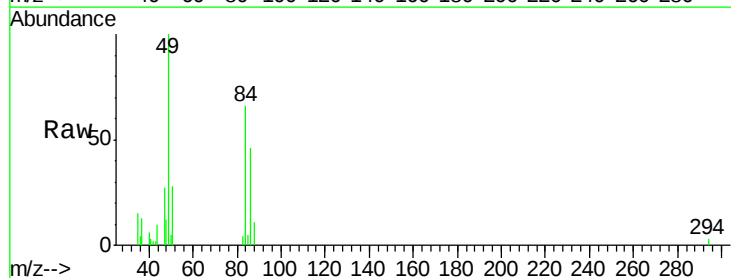
Ion Ratio Lower Upper

84 100

49 151.1 112.5 168.7

51 41.9 29.6 44.4

86 68.9 50.4 75.6

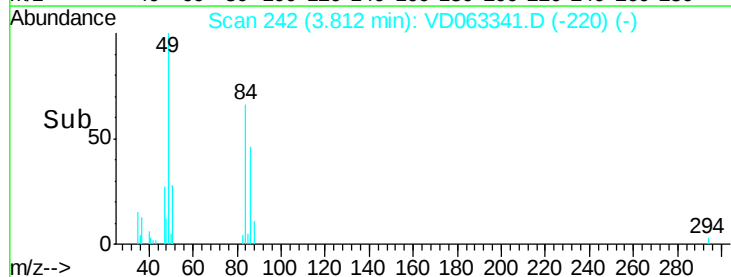
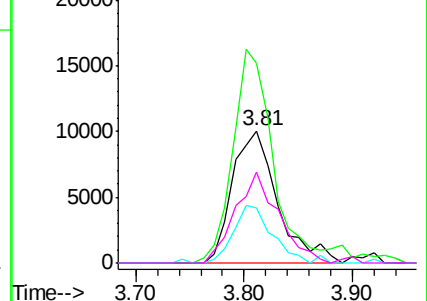


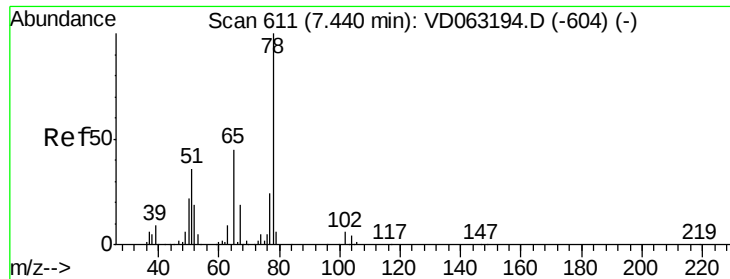
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 39.137 ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.00 min

Lab File: VD063341.D

Acq: 3 Aug 2019 4:11

Instrument :

MSVOA_D

ClientSampleId :

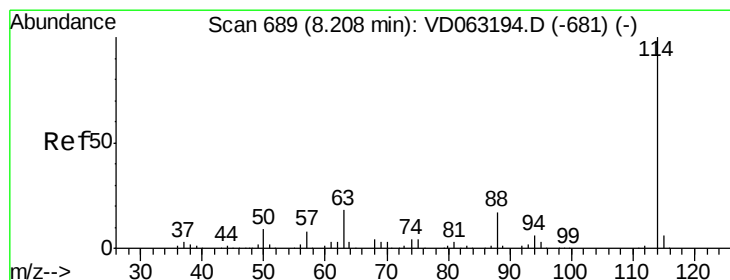
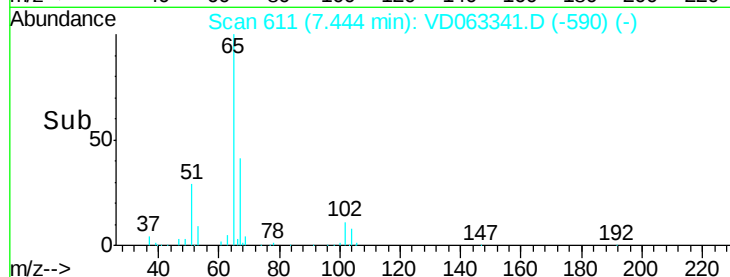
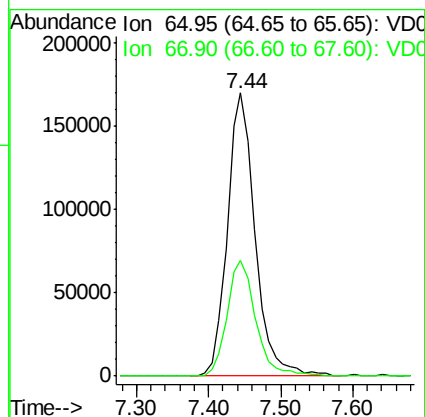
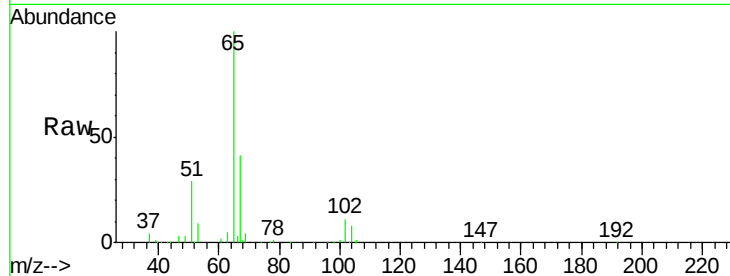
1S-H-(0-1)

Tot Ion: 65 Resp: 453090

Ion Ratio Lower Upper

65 100

67 41.1 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: VD063341.D

Acq: 3 Aug 2019 4:11

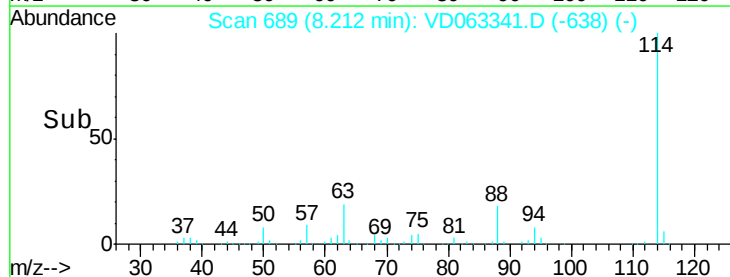
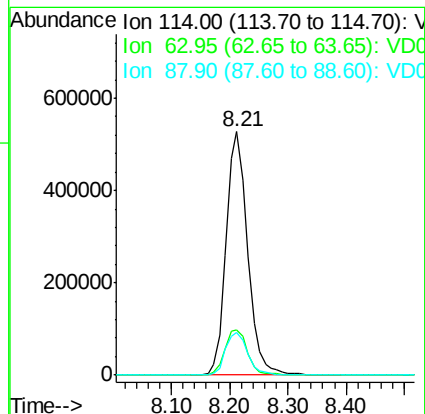
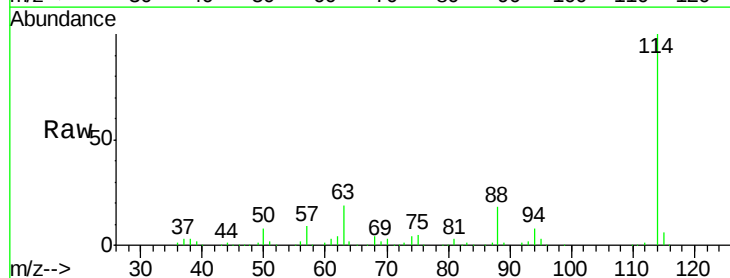
Tgt Ion: 114 Resp: 1354141

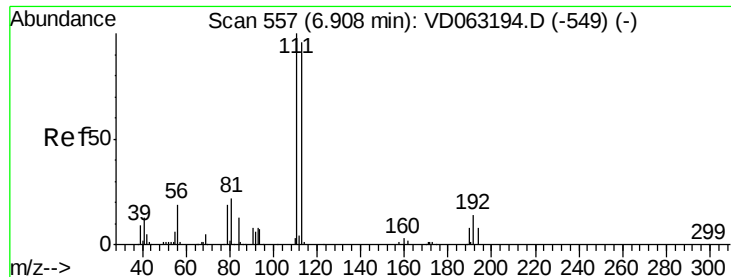
Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.2

88 17.7 0.0 34.6





#35

Dibromofluoromethane

Concen: 44.689 ug/l

RT: 6.91 min Scan# 557

Delta R.T. 0.00 min

Lab File: VD063341.D

Acq: 3 Aug 2019 4:11

Instrument :

MSVOA_D

ClientSampleId :

1S-H-(0-1)

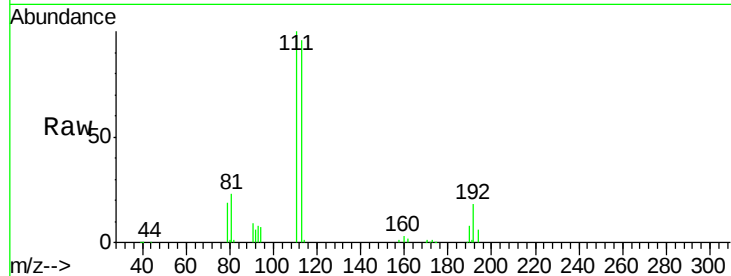
Tot Ion:113 Resp: 516675

Ion Ratio Lower Upper

113 100

111 103.7 83.2 124.8

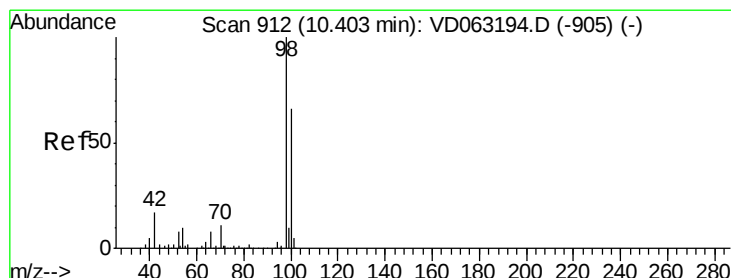
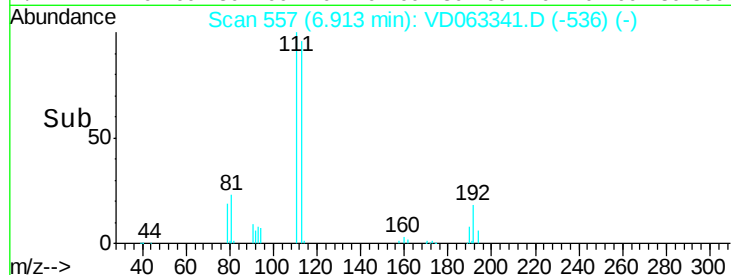
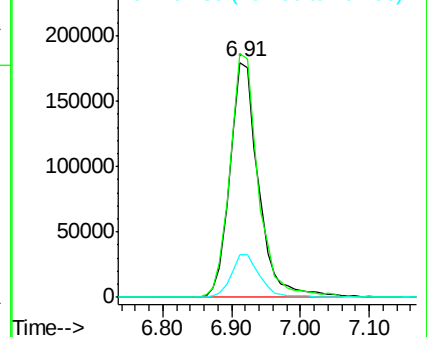
192 18.3 11.8 17.8#



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: 41.733 ug/l

RT: 10.40 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD063341.D

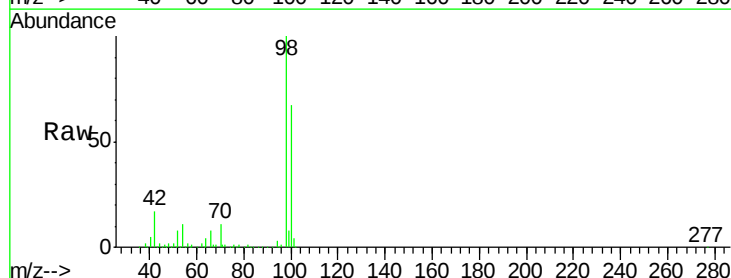
Acq: 3 Aug 2019 4:11

Tgt Ion: 98 Resp: 1079813

Ion Ratio Lower Upper

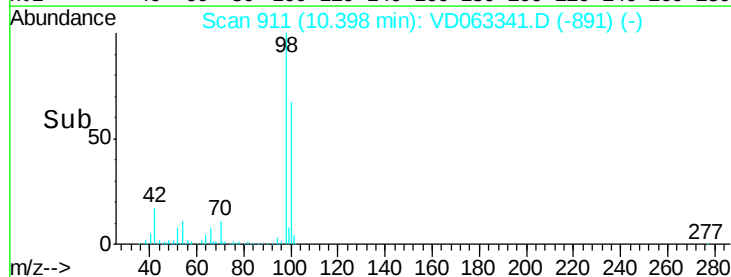
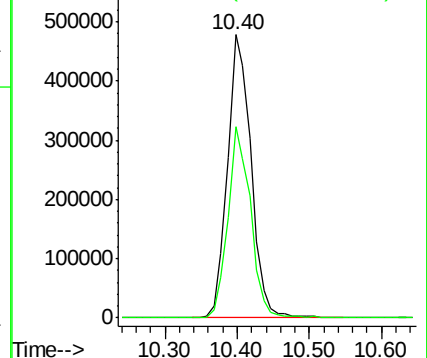
98 100

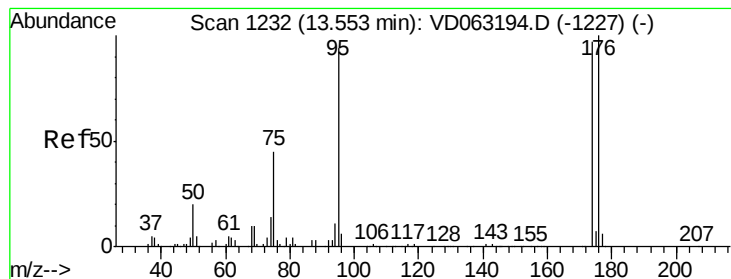
100 67.4 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 36.102 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD063341.D

Acq: 3 Aug 2019 4:11

Instrument :

MSVOA_D

ClientSampleId :

1S-H-(0-1)

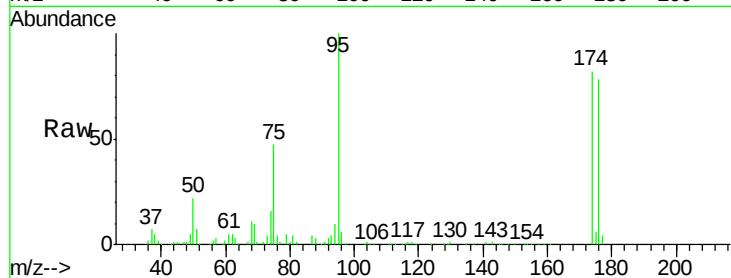
Tot Ion: 95 Resp: 425675

Ion Ratio Lower Upper

95 100

174 81.8 0.0 205.4

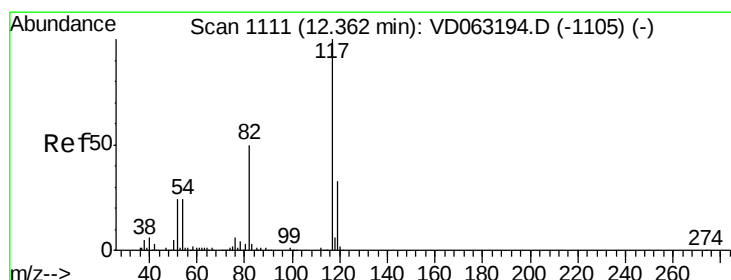
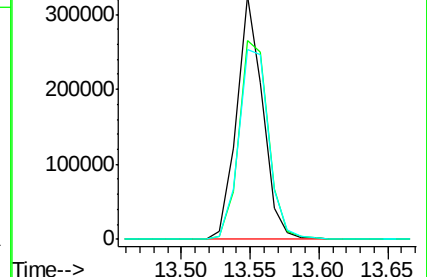
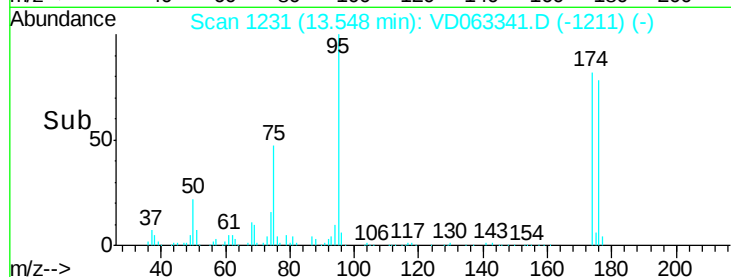
176 77.8 0.0 211.8



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: VD063341.D

Acq: 3 Aug 2019 4:11

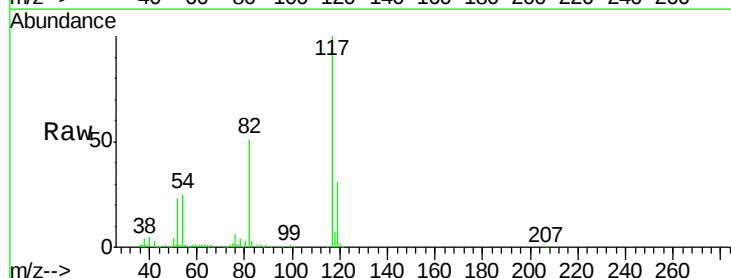
Tgt Ion: 117 Resp: 1033631

Ion Ratio Lower Upper

117 100

82 50.8 40.1 60.1

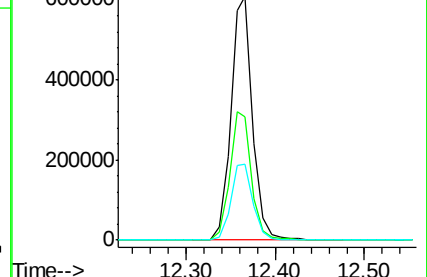
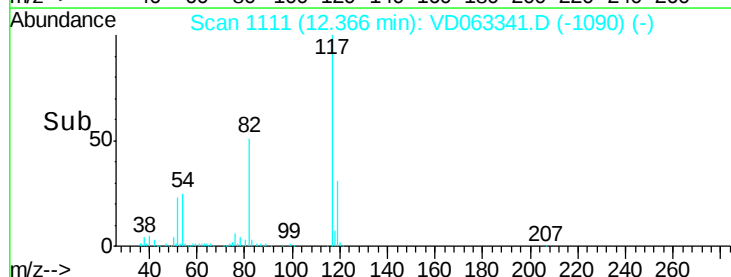
119 31.1 26.5 39.7

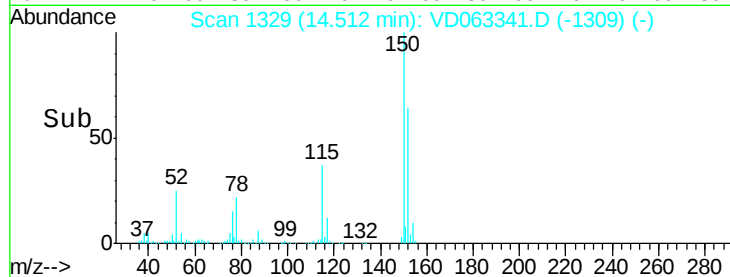
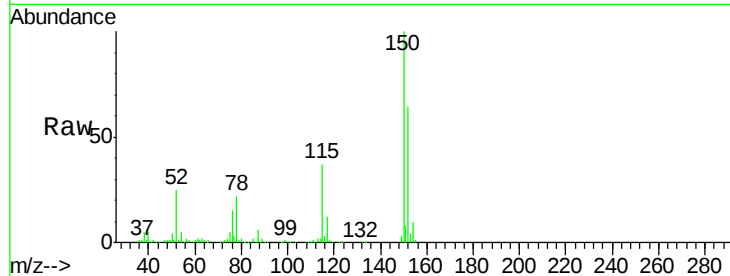
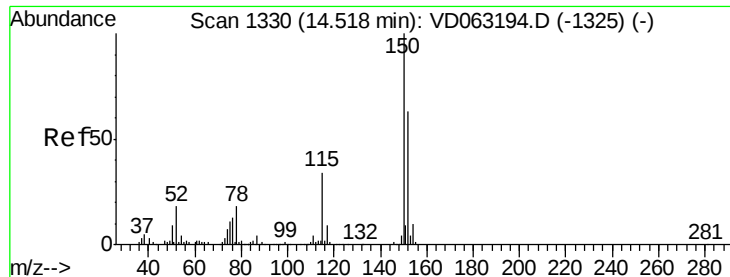


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD063341.D

Acq: 3 Aug 2019 4:11

Instrument :

MSVOA_D

ClientSampleId :

1S-H-(0-1)

Tot Ion:152 Resp: 501837

Ion Ratio Lower Upper

152 100

115 58.4 27.5 82.4

150 156.8 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

