

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061819\
 Data File : VD062748.D
 Acq On : 18 Jun 2019 14:37
 Operator : VA/AP
 Sample : K3409-02RE
 Misc : 5.09g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T-1ARE

Quant Time: Jun 19 06:01:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

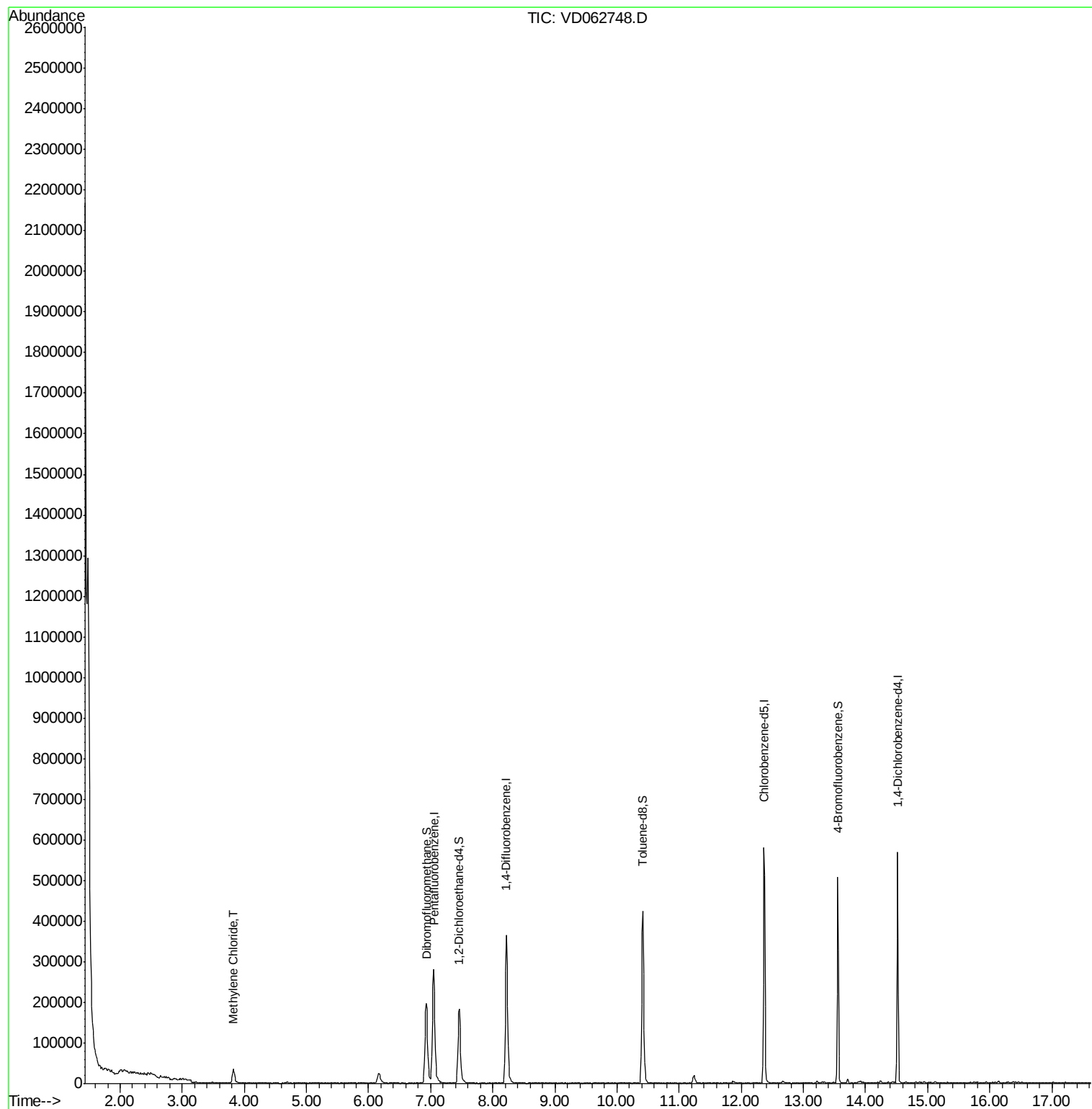
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	262808	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	370026	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	313013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	117548	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	217179	57.27	ug/l	0.01
Spiked Amount 50.000			Recovery	=	114.54%	
35) Dibromofluoromethane	6.93	113	178570	45.76	ug/l	0.01
Spiked Amount 50.000			Recovery	=	91.52%	
50) Toluene-d8	10.41	98	329243	40.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.22%	
62) 4-Bromofluorobenzene	13.55	95	128317	33.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.00%	
Target Compounds						
20) Methylene Chloride	3.83	84	21360	7.768	ug/l	Qvalue 93

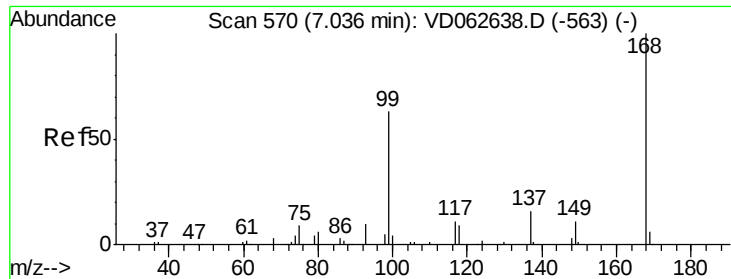
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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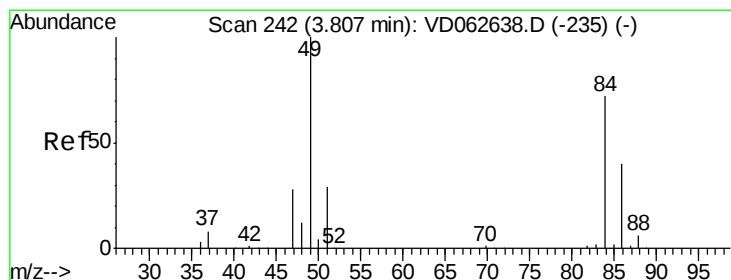
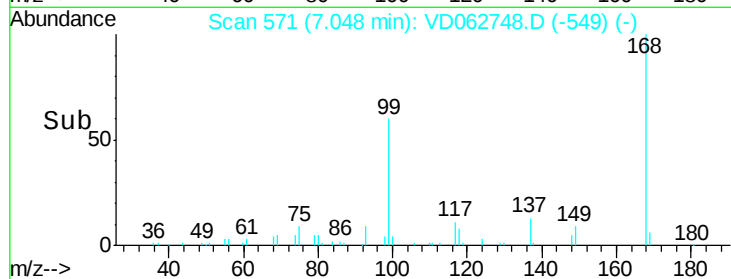
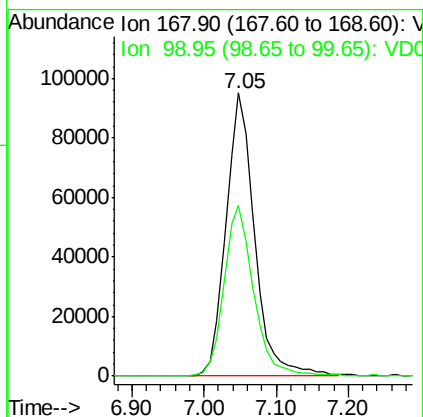
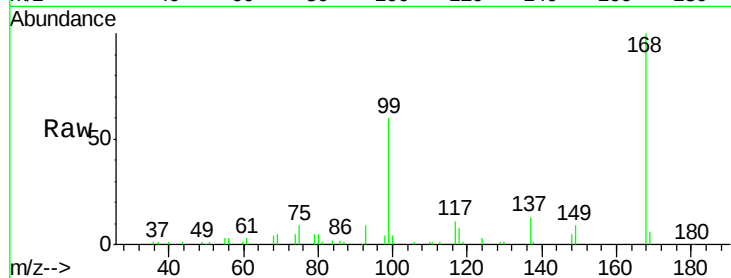




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.01 min
Lab File: VD062748.D
Acq: 18 Jun 2019 14:37

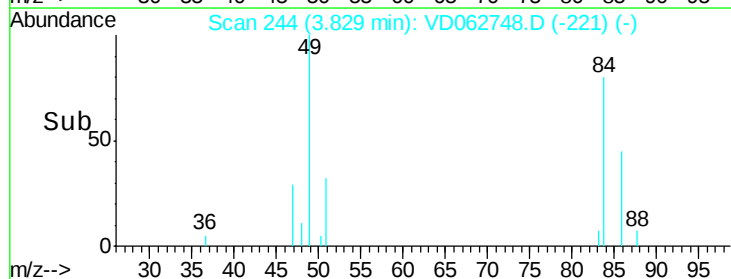
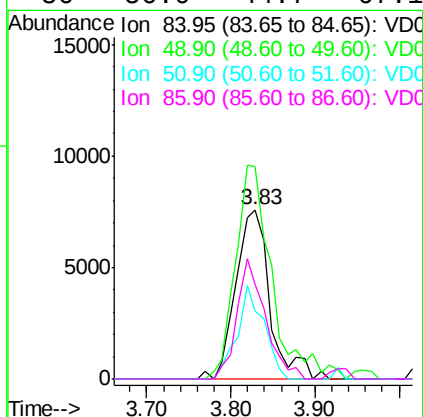
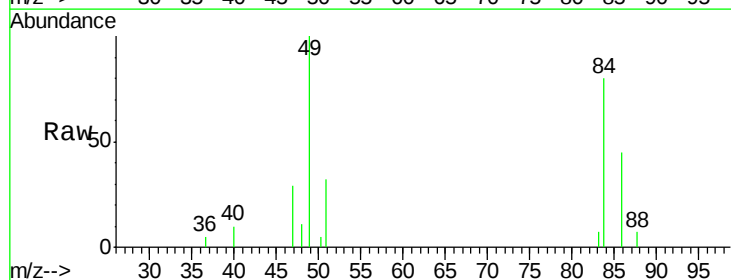
Instrument :
MSVOA_D
ClientSampleId :
T-1ARE

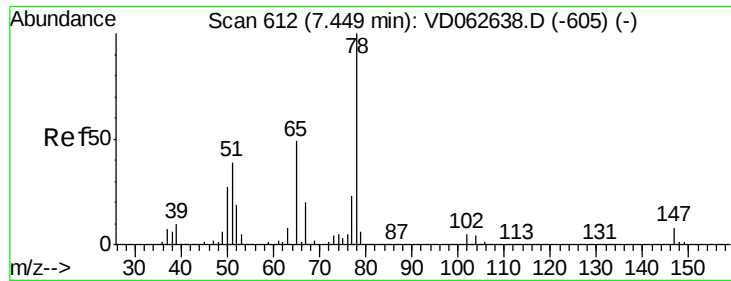
Tot Ion:168 Resp: 262808
Ion Ratio Lower Upper
168 100
99 60.2 51.4 77.2



#20
Methylene Chloride
Concen: 7.768 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.02 min
Lab File: VD062748.D
Acq: 18 Jun 2019 14:37

Tgt Ion: 84 Resp: 21360
Ion Ratio Lower Upper
84 100
49 125.8 111.2 166.8
51 40.0 31.9 47.9
86 56.0 44.7 67.1





#33

1,2-Dichloroethane-d4

Concen: 57.268 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD062748.D

Acq: 18 Jun 2019 14:37

Instrument :

MSVOA_D

ClientSampleId :

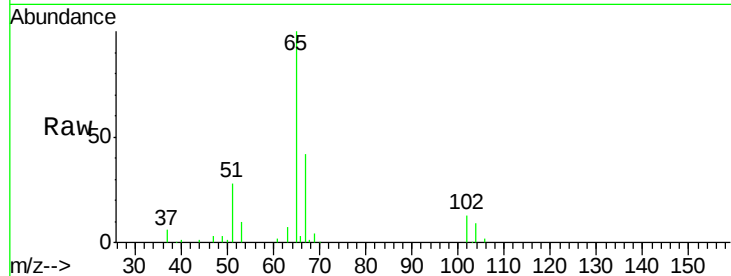
T-1ARE

Tot Ion: 65 Resp: 217179

Ion Ratio Lower Upper

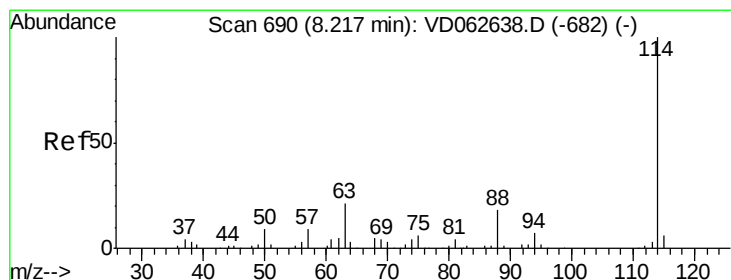
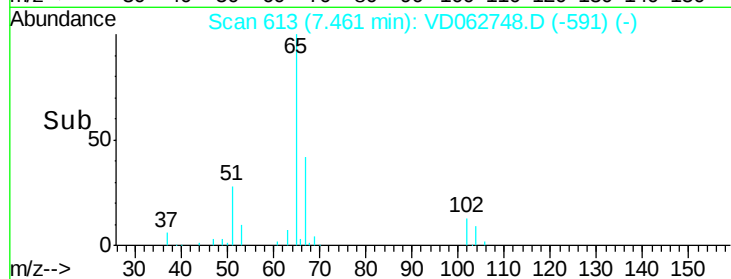
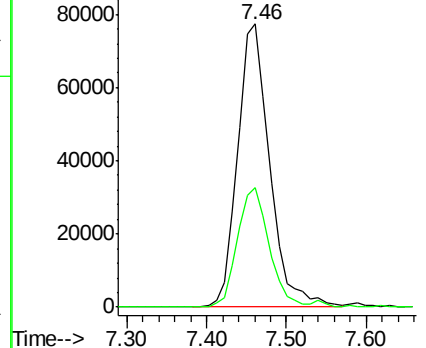
65 100

67 42.1 0.0 81.8



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. 0.00 min

Lab File: VD062748.D

Acq: 18 Jun 2019 14:37

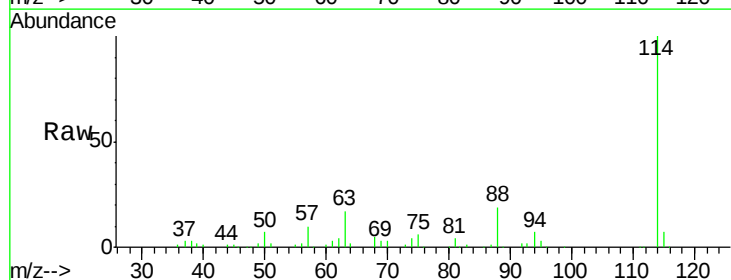
Tgt Ion: 114 Resp: 370026

Ion Ratio Lower Upper

114 100

63 16.6 0.0 42.4

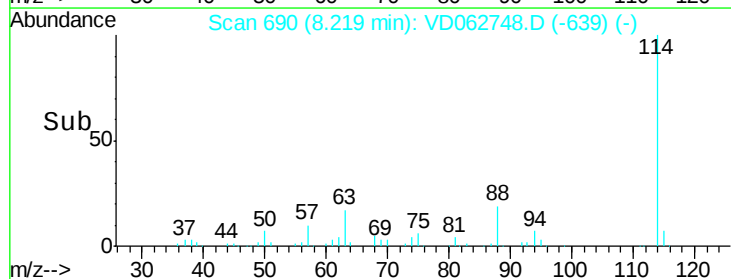
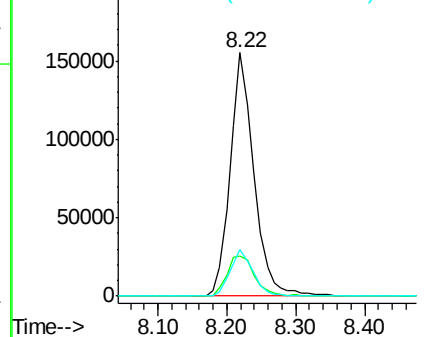
88 19.2 0.0 36.8

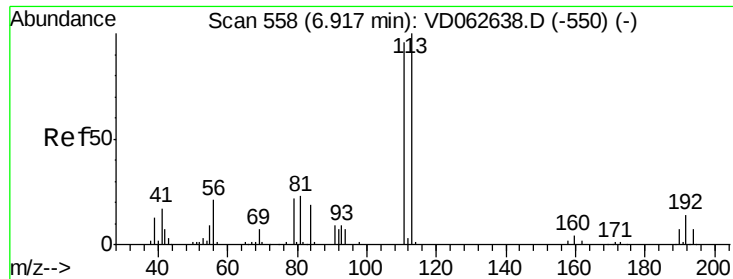


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

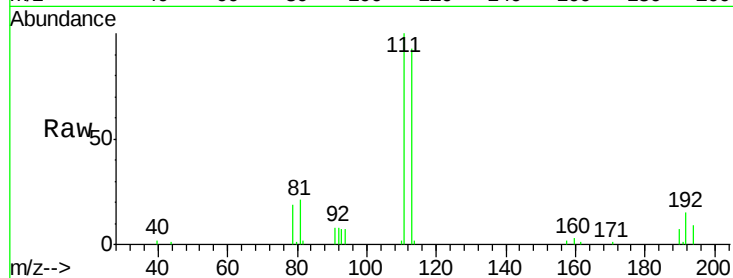




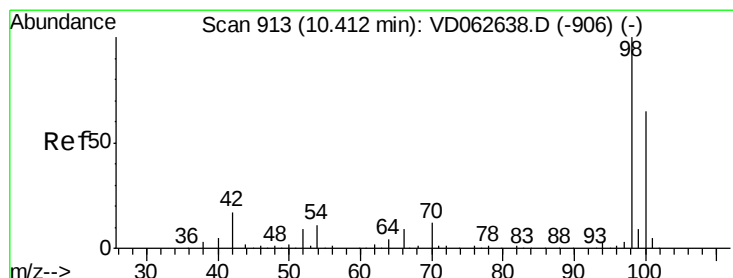
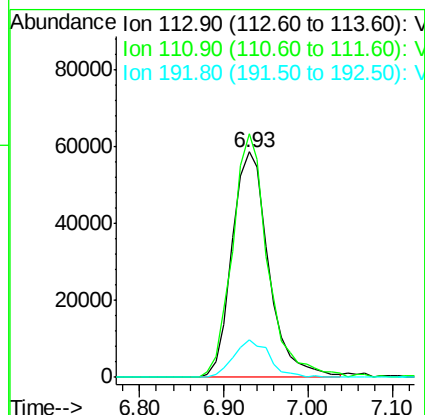
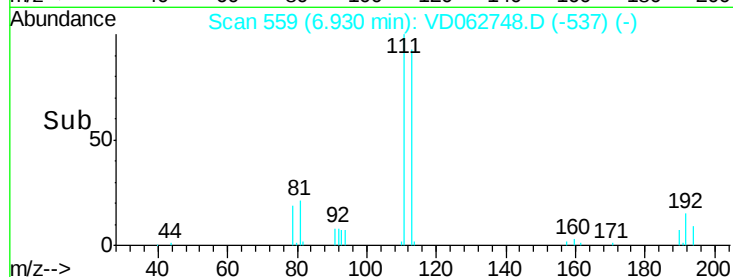
#35
 Dibromofluoromethane
 Concen: 45.759 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: VD062748.D
 Acq: 18 Jun 2019 14:37

Instrument :
 MSVOA_D
 ClientSampleId :
 T-1ARE

Tot Ion:113 Resp: 178570
 Ion Ratio Lower Upper
 113 100
 111 107.9 76.4 114.6
 192 16.5 11.4 17.0

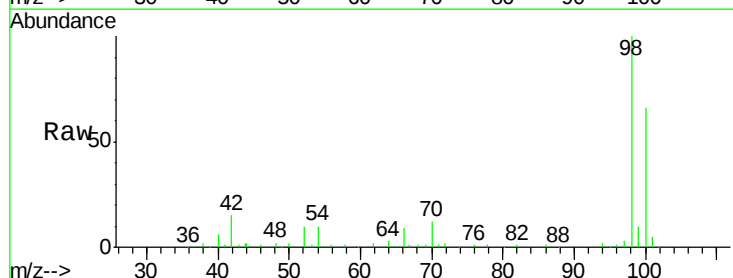


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

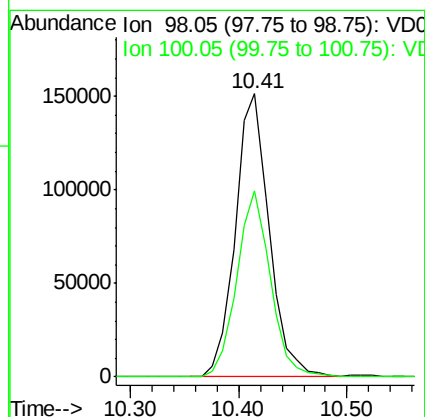
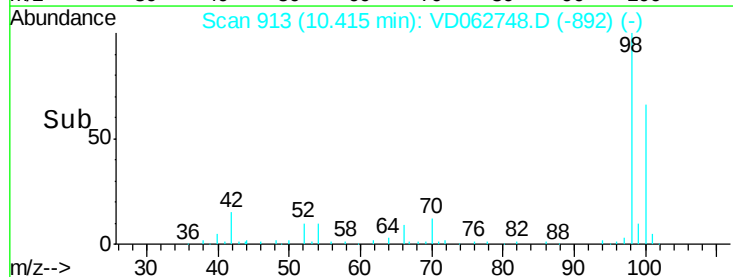


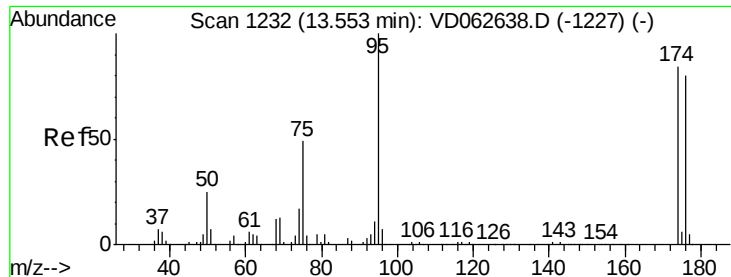
#50
 Toluene-d8
 Concen: 40.106 ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: VD062748.D
 Acq: 18 Jun 2019 14:37

Tgt Ion: 98 Resp: 329243
 Ion Ratio Lower Upper
 98 100
 100 65.7 52.1 78.1



Abundance Ion 98.05 (97.75 to 98.75): VDC
 Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: 33.504 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062748.D

Acq: 18 Jun 2019 14:37

Instrument :

MSVOA_D

ClientSampleId :

T-1ARE

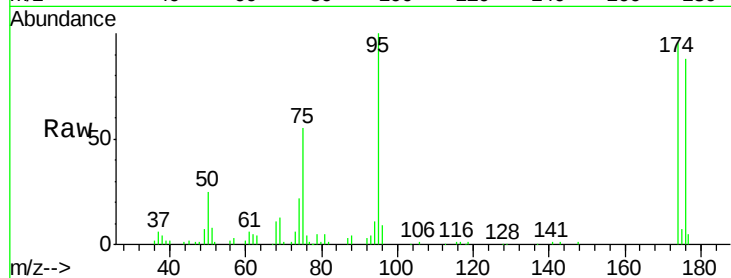
Tot Ion: 95 Resp: 128317

Ion Ratio Lower Upper

95 100

174 95.9 0.0 167.0

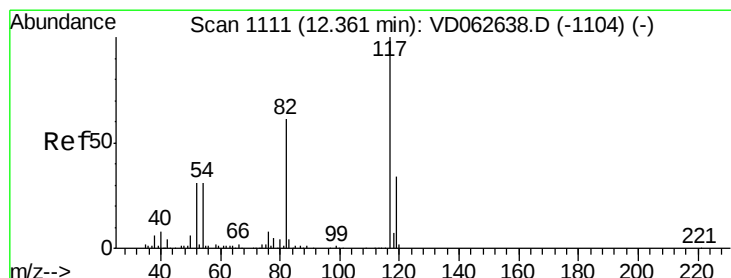
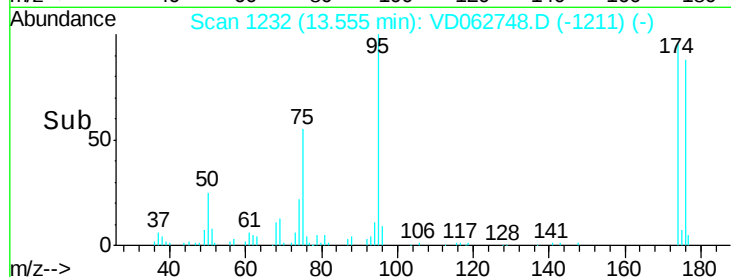
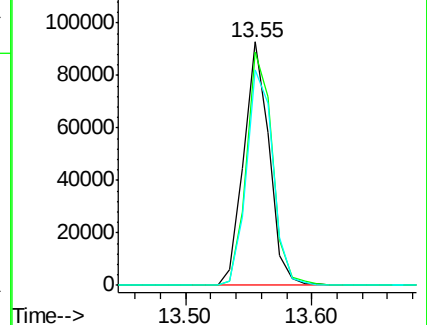
176 88.3 0.0 159.2



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: VD062748.D

Acq: 18 Jun 2019 14:37

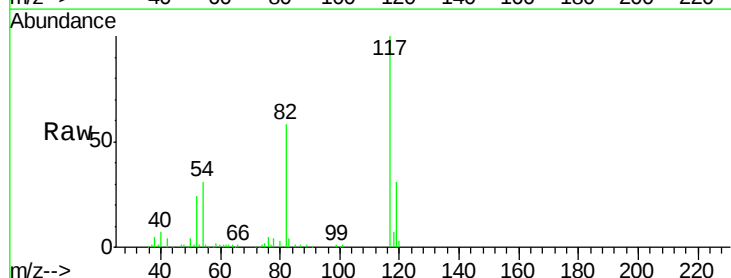
Tgt Ion: 117 Resp: 313013

Ion Ratio Lower Upper

117 100

82 58.2 48.7 73.1

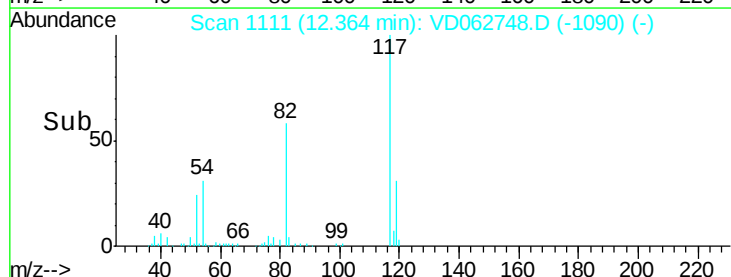
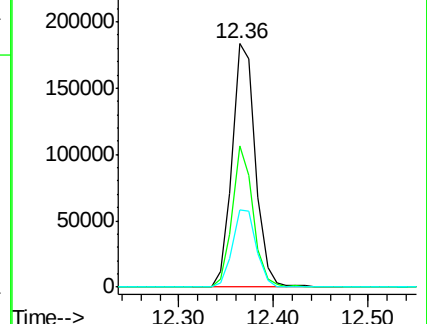
119 31.5 27.0 40.6

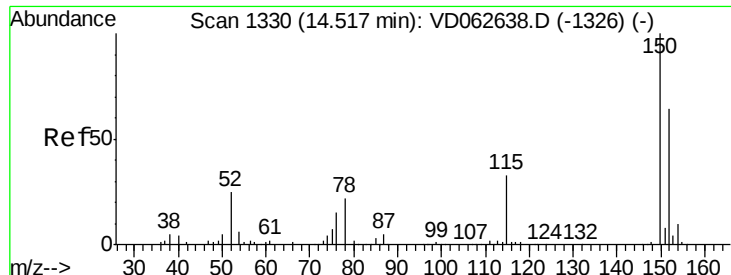


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

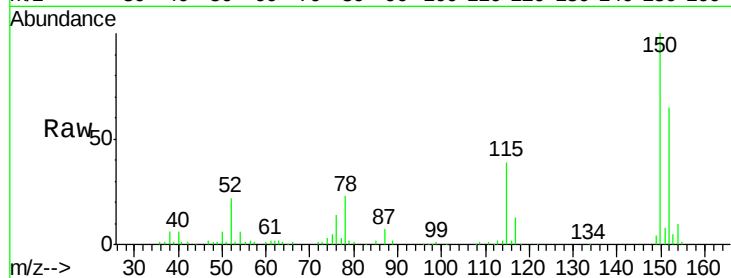




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD062748.D
 Acq: 18 Jun 2019 14:37

Instrument :
 MSVOA_D
 ClientSampleId :
 T-1ARE

Tot Ion:152 Resp: 117548
 Ion Ratio Lower Upper
 152 100
 115 61.0 30.1 90.5
 150 154.8 0.0 314.0



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

