

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042419\
 Data File : VD062008.D
 Acq On : 24 Apr 2019 20:21
 Operator : VA/AP
 Sample : K2532-14
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-17-2

Quant Time: Apr 25 02:40:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

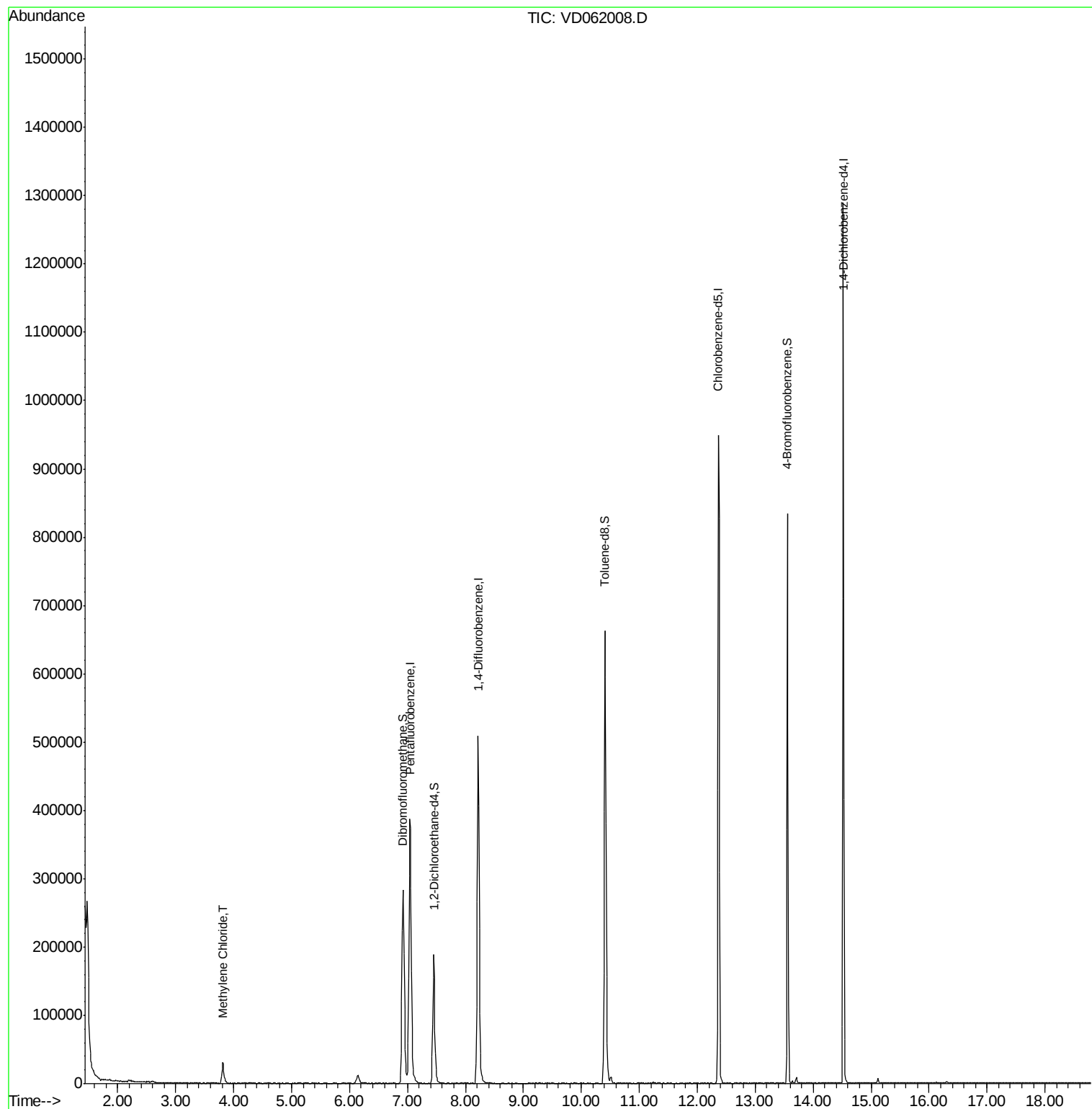
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	403154	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	610359	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	584257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	272558	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	183119	58.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.08%	
35) Dibromofluoromethane	6.92	113	265075	62.80	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	125.60%	
50) Toluene-d8	10.41	98	571698	56.92	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	113.84%	
62) 4-Bromofluorobenzene	13.56	95	239331	59.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.82%	
Target Compounds						
20) Methylene Chloride	3.81	84	20765	2.641	ug/l	Qvalue 96

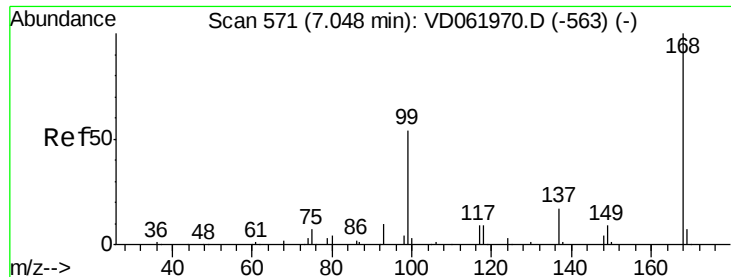
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD062008.D

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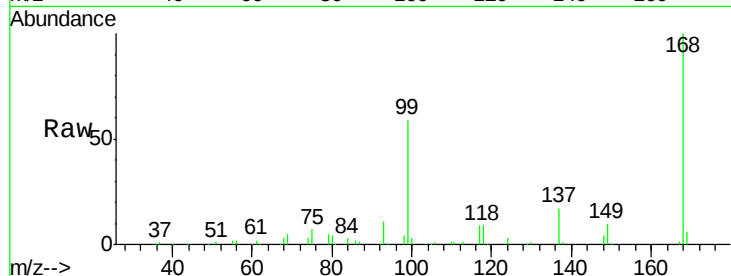
TP-17-2

Tot Ion:168 Resp: 403154

Ion Ratio Lower Upper

168 100

99 59.1 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

150000

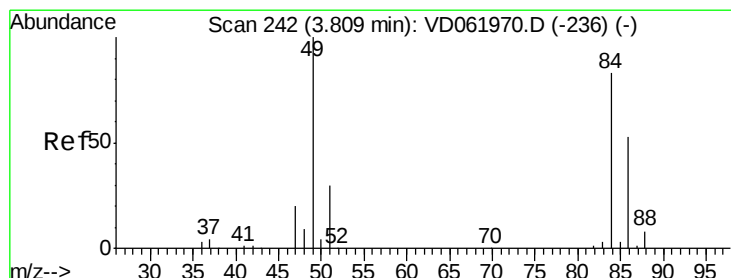
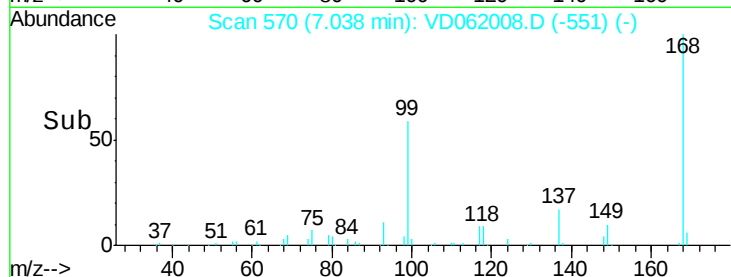
100000

50000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#20

Methylene Chloride

Concen: 2.641 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD062008.D

Acq: 24 Apr 2019 20:21

Tgt Ion: 84 Resp: 20765

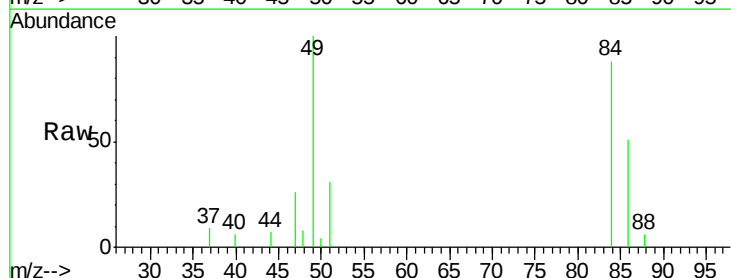
Ion Ratio Lower Upper

84 100

49 113.1 94.0 141.0

51 34.9 29.0 43.4

86 58.1 49.8 74.6



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

3.81

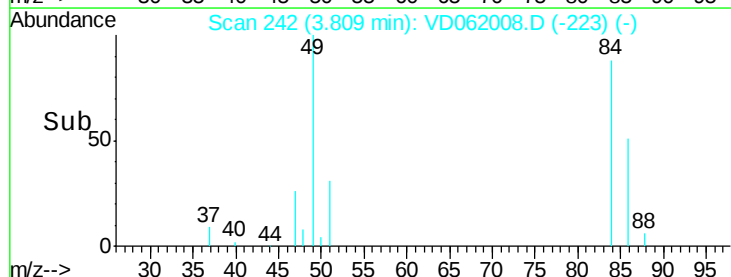
10000

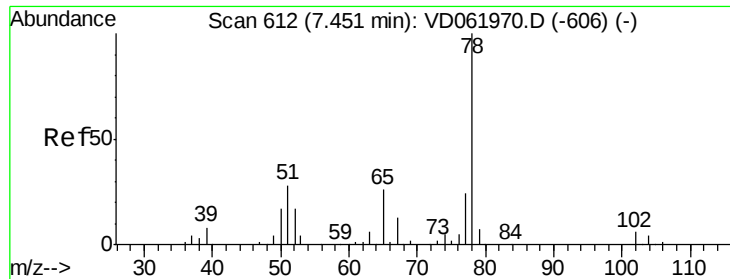
5000

0

3.70 3.80 3.90

Time-->

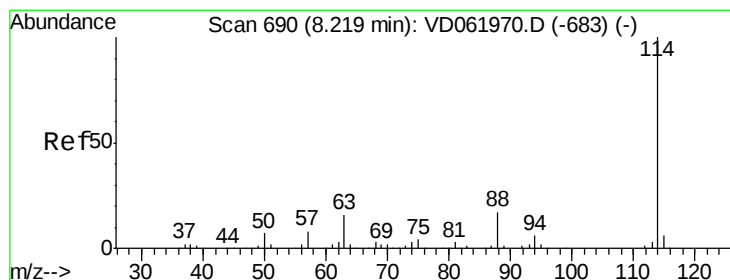
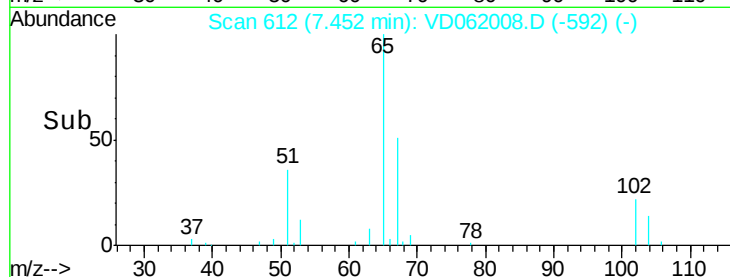
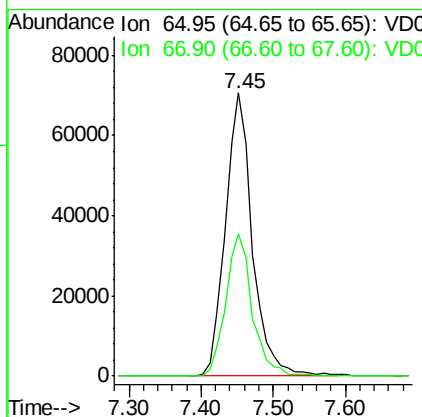
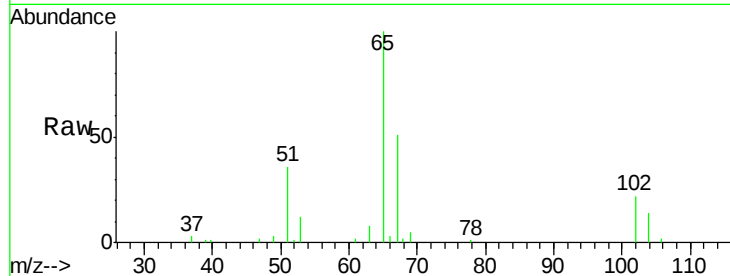




#33
 1,2-Dichloroethane-d4
 Concen: 58.035 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VD062008.D
 Acq: 24 Apr 2019 20:21

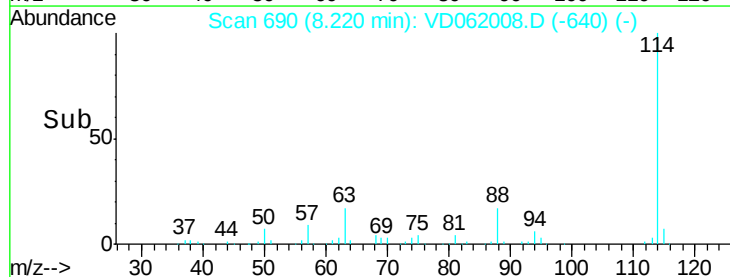
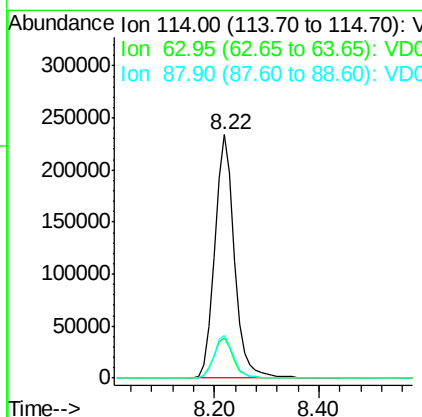
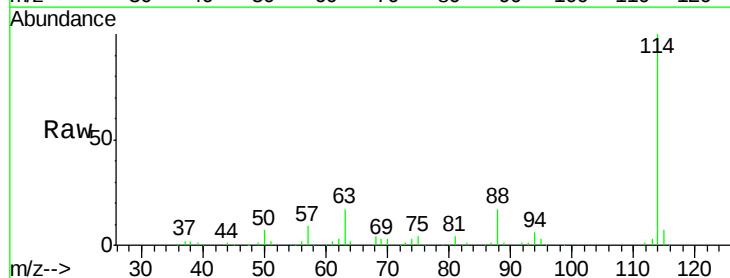
Instrument :
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 TP-17-2

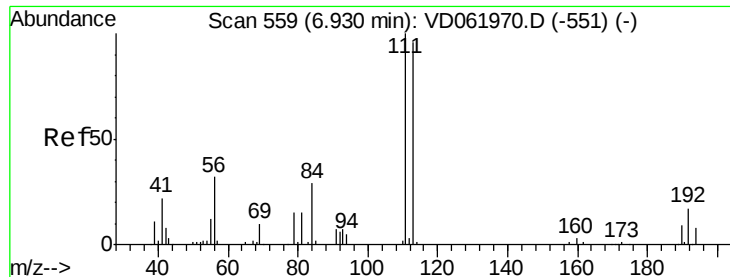
Tot Ion: 65 Resp: 183119
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD062008.D
 Acq: 24 Apr 2019 20:21

Tgt Ion: 114 Resp: 610359
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 32.4
 88 17.4 0.0 33.6

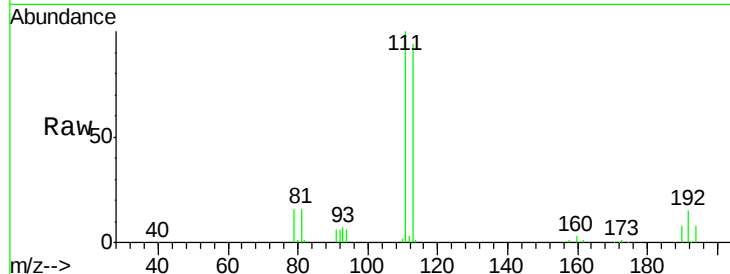




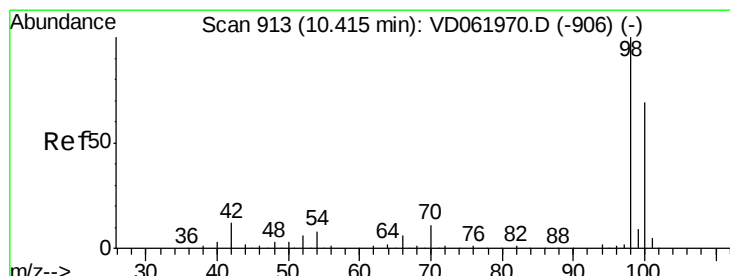
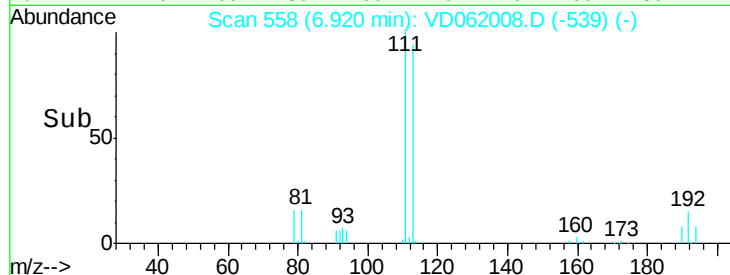
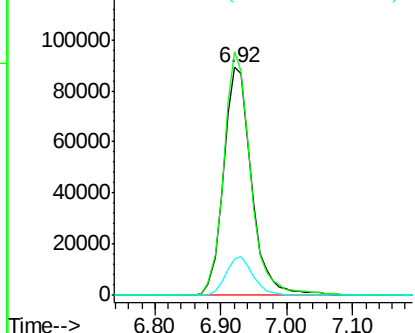
#35
 Dibromofluoromethane
 Concen: 62.796 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD062008.D
 Acq: 24 Apr 2019 20:21

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-17-2

Tot Ion:113 Resp: 265075
 Ion Ratio Lower Upper
 113 100
 111 106.8 78.5 117.7
 192 15.9 13.0 19.4

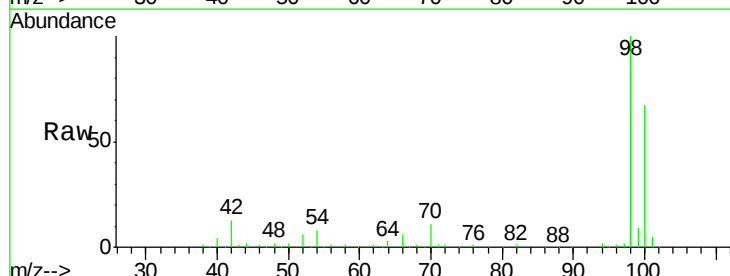


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

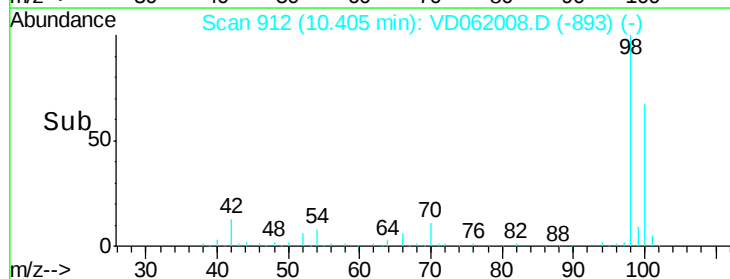
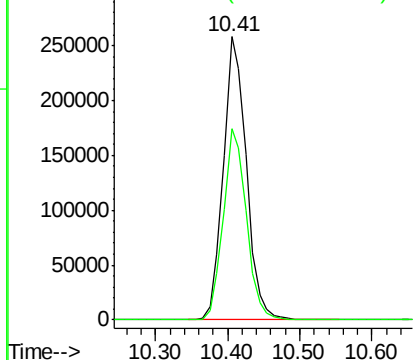


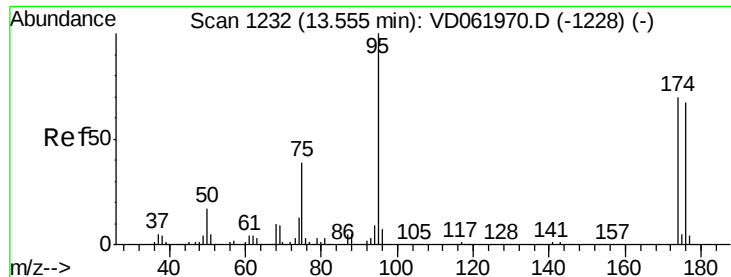
#50
 Toluene-d8
 Concen: 56.917 ug/l
 RT: 10.41 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: VD062008.D
 Acq: 24 Apr 2019 20:21

Tgt Ion: 98 Resp: 571698
 Ion Ratio Lower Upper
 98 100
 100 67.5 53.8 80.8



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

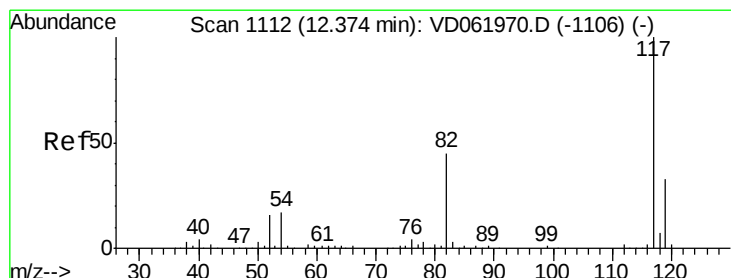
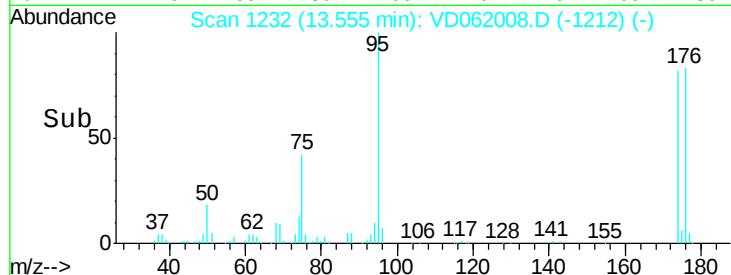
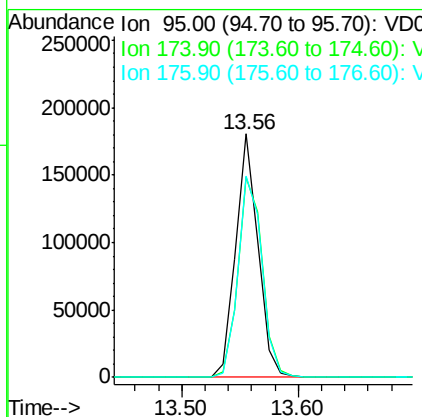
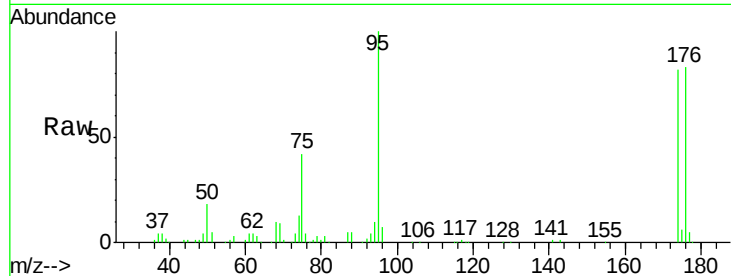




#62
4-Bromofluorobenzene
Concen: 59.406 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062008.D
Acq: 24 Apr 2019 20:21

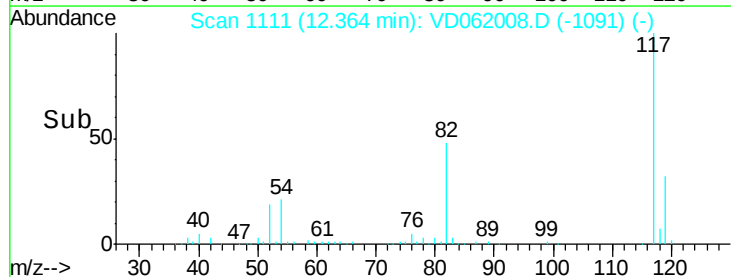
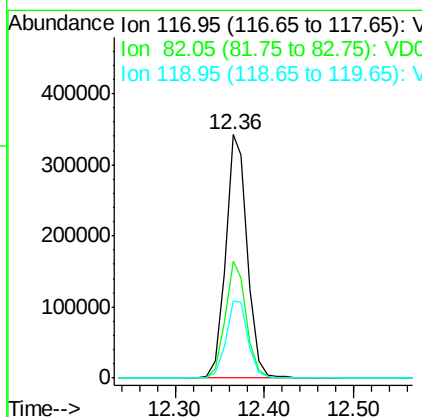
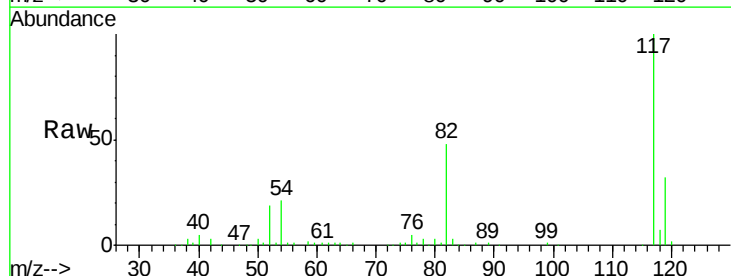
Instrument :
MSVOA_D
ClientSampleId :
TP-17-2

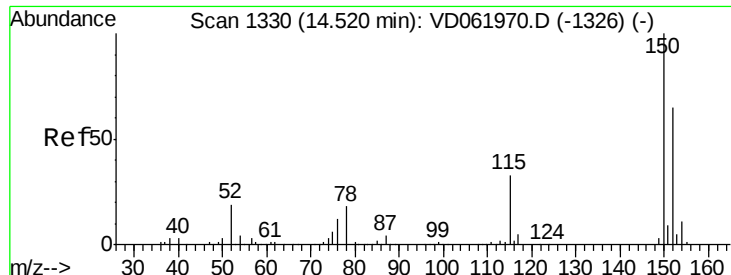
Tot Ion: 95 Resp: 239331
Ion Ratio Lower Upper
95 100
174 82.2 0.0 181.8
176 82.5 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD062008.D
Acq: 24 Apr 2019 20:21

Tgt Ion: 117 Resp: 584257
Ion Ratio Lower Upper
117 100
82 47.8 36.2 54.2
119 31.6 26.2 39.4

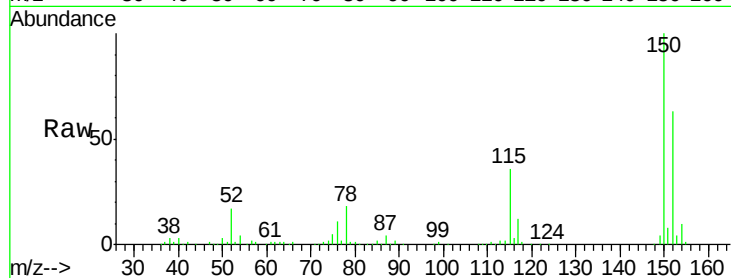




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD062008.D
 Acq: 24 Apr 2019 20:21

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-17-2

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.7	30.9	92.7
150	157.9	0.0	314.8



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

