

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042519\
 Data File : VD062042.D
 Acq On : 25 Apr 2019 16:52
 Operator : VA/AP
 Sample : K2522-07
 Misc : 16.53g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-WOODBURYRE

Quant Time: Apr 26 01:48:38 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

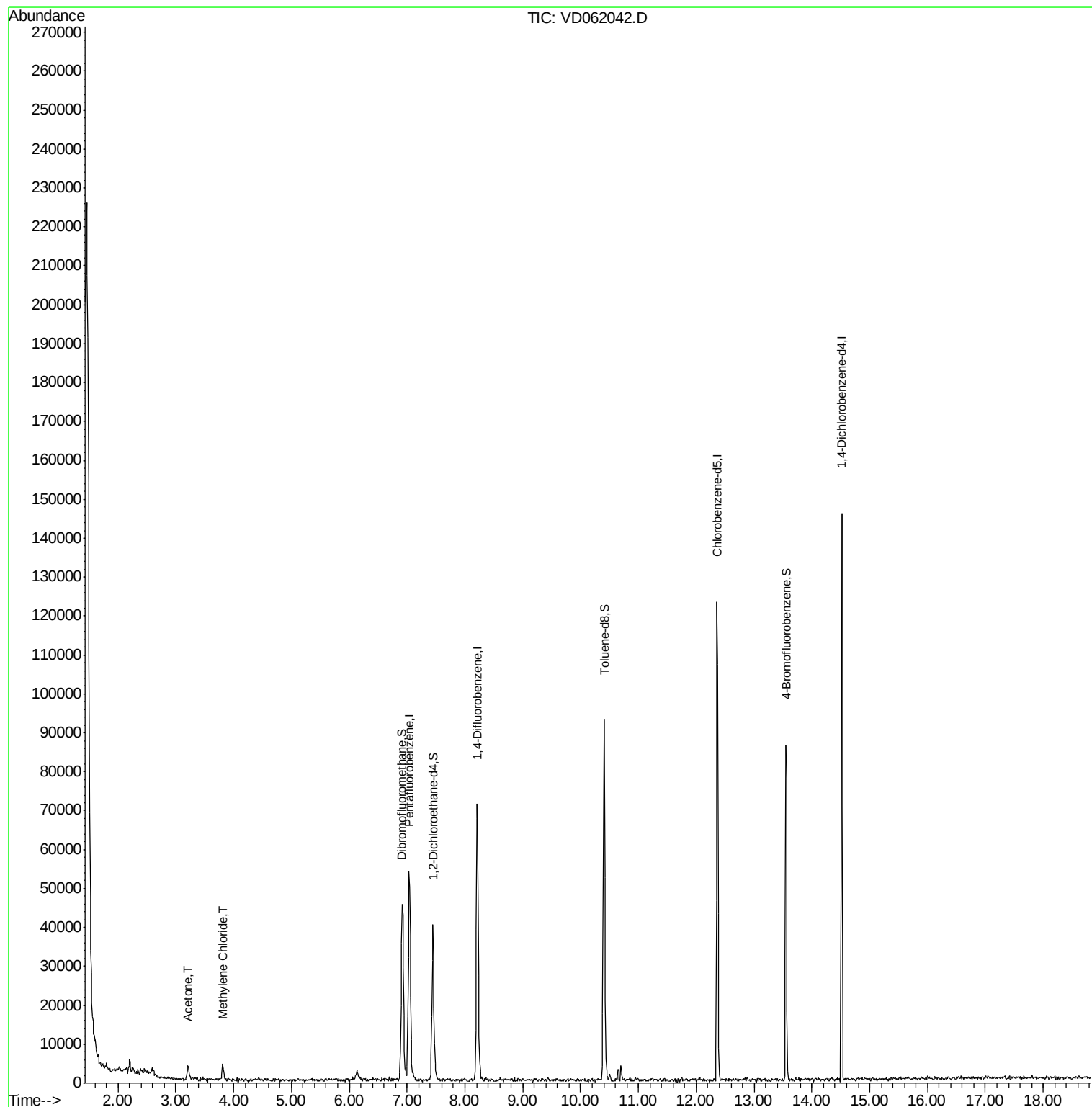
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	54241	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	87782	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	77093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	30841	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	37450	88.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	176.44%	
35) Dibromofluoromethane	6.92	113	43585	71.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	143.58%	
50) Toluene-d8	10.41	98	82541	57.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.28%	
62) 4-Bromofluorobenzene	13.55	95	30959	53.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.86%	
Target Compounds						
16) Acetone	3.20	43	7400	73.005	ug/l #	77
20) Methylene Chloride	3.81	84	2650	2.330	ug/l #	93

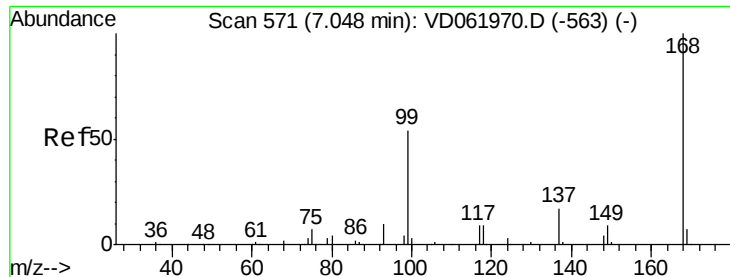
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.02 min

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Instrument :

MSVOA_D

ClientSampleId :

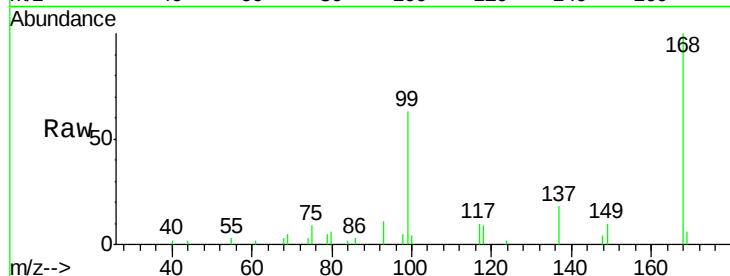
SP-WOODBURYRE

Tot Ion:168 Resp: 54241

Ion Ratio Lower Upper

168 100

99 63.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

20000

15000

10000

5000

0

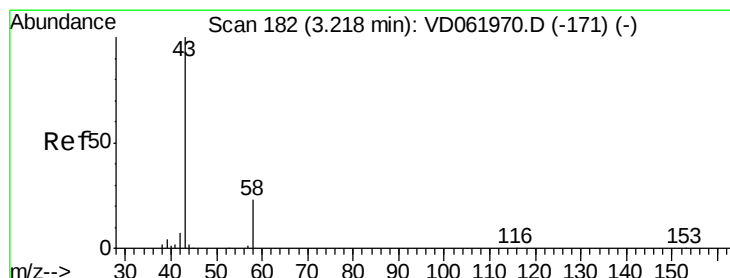
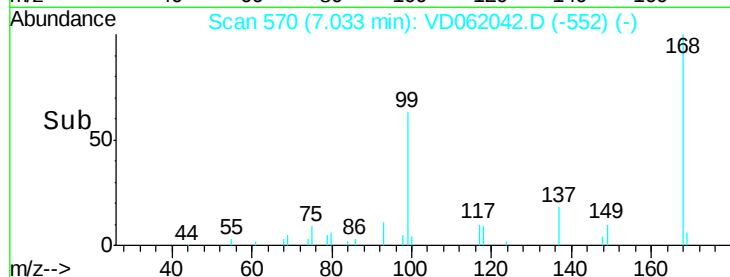
Time-->

6.90

7.00

7.10

7.20



#16

Acetone

Concen: 73.005 ug/l

RT: 3.20 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD062042.D

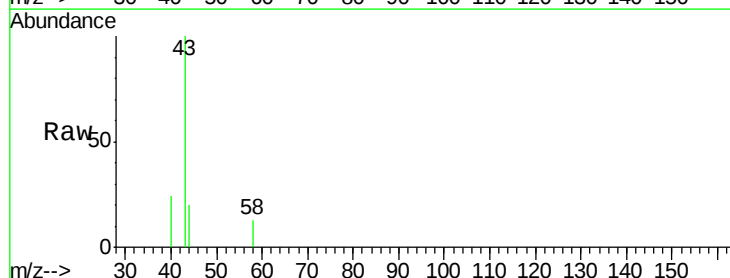
Acq: 25 Apr 2019 16:52

Tgt Ion: 43 Resp: 7400

Ion Ratio Lower Upper

43 100

58 13.3 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.20

3000

2000

1000

0

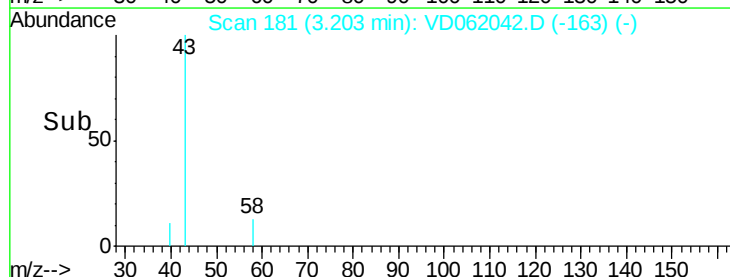
Time-->

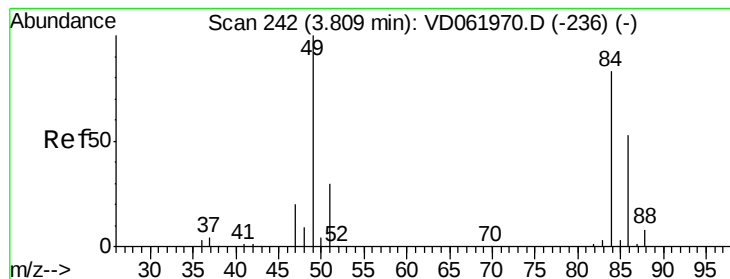
3.15

3.20

3.25

3.30





#20

Methylene Chloride

Concen: 2.330 ug/l

RT: 3.81 min Scan# 243

Delta R.T. -0.01 min

Lab File: VD062042.D

Acq: 25 Apr 2019 16:52

Instrument :
MSVOA_D
ClientSampleId :
SP-WOODBURYRE

Tot Ion: 84 Resp: 2650

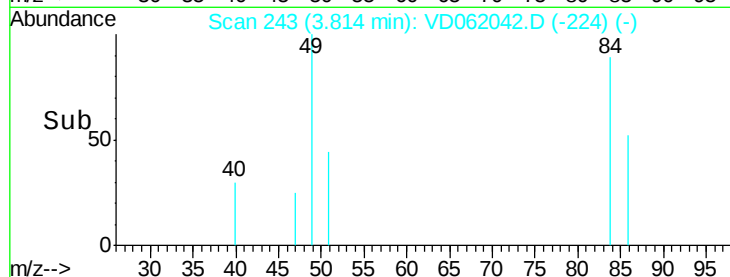
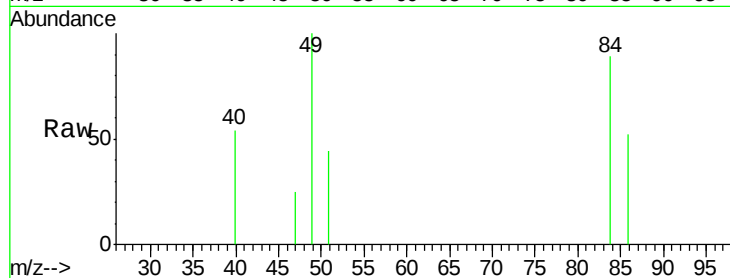
Ion Ratio Lower Upper

84 100

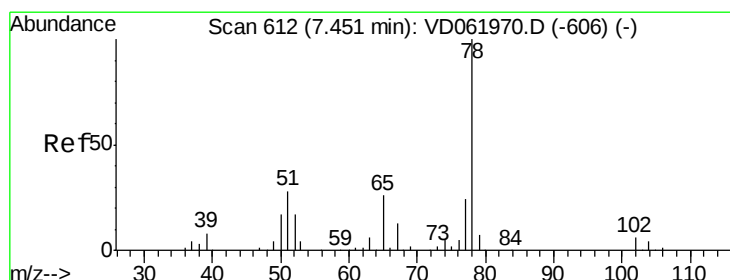
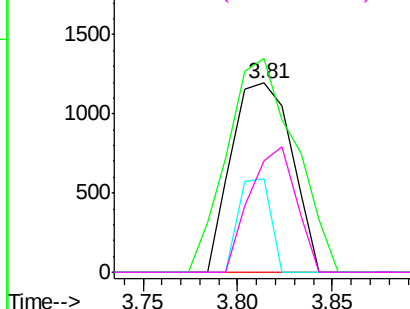
49 112.9 94.0 141.0

51 49.3 29.0 43.4#

86 58.7 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



#33

1,2-Dichloroethane-d4

Concen: 88.217 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062042.D

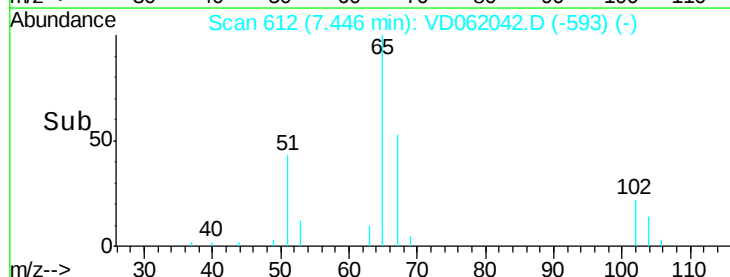
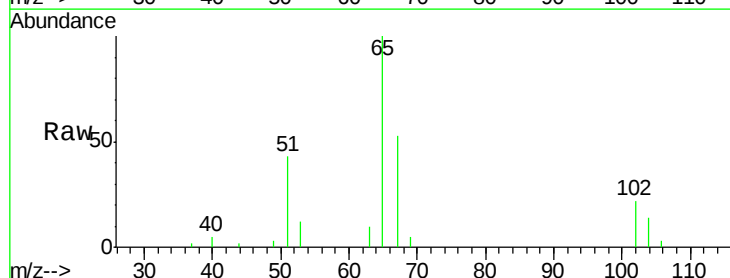
Acq: 25 Apr 2019 16:52

Tgt Ion: 65 Resp: 37450

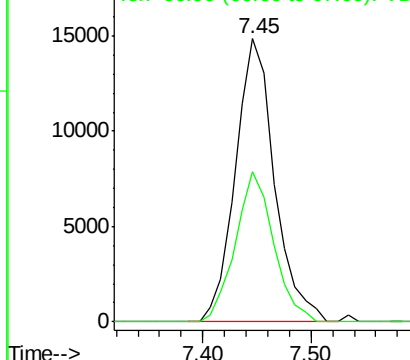
Ion Ratio Lower Upper

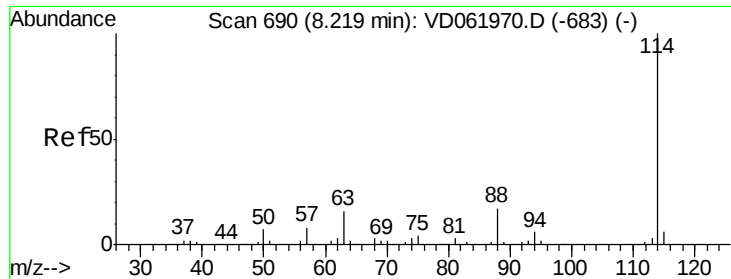
65 100

67 52.9 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

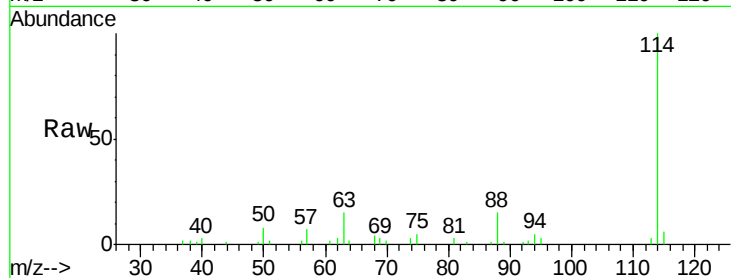




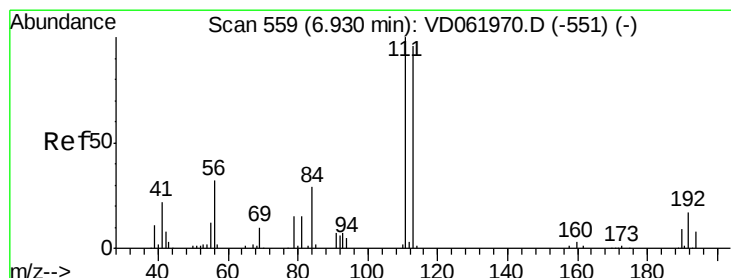
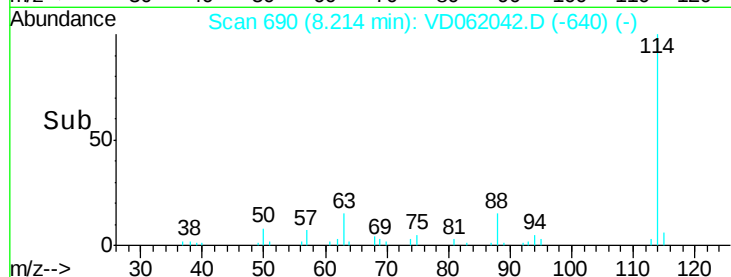
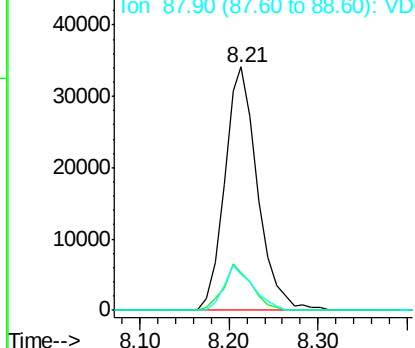
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: VD062042.D
 Acq: 25 Apr 2019 16:52

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-WOODBURYRE

Tot Ion:114 Resp: 87782
 Ion Ratio Lower Upper
 114 100
 63 15.4 0.0 32.4
 88 14.7 0.0 33.6

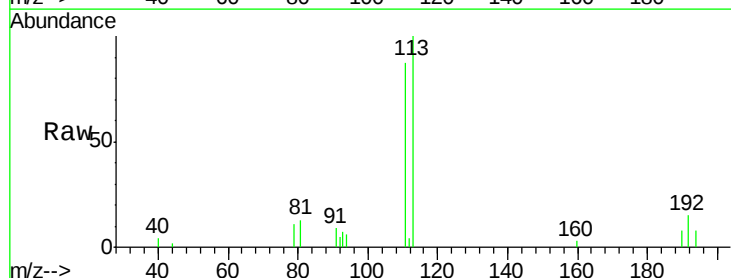


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

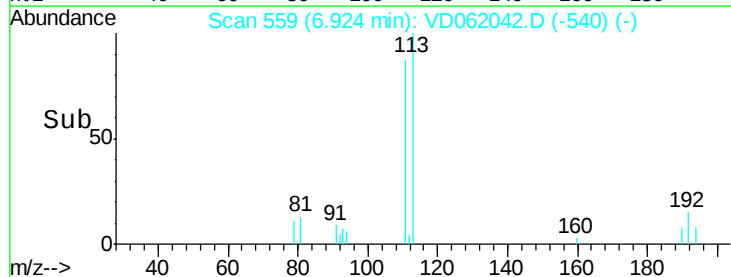
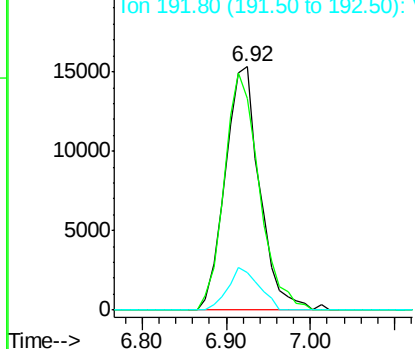


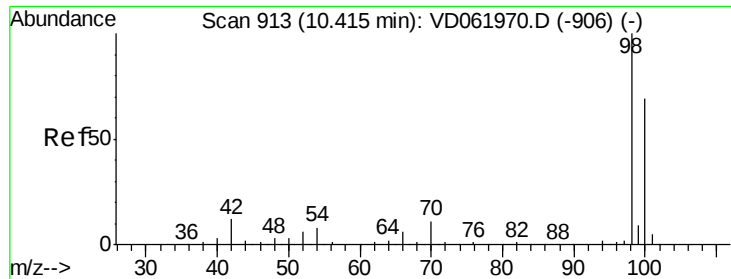
#35
 Dibromofluoromethane
 Concen: 71.792 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD062042.D
 Acq: 25 Apr 2019 16:52

Tgt Ion:113 Resp: 43585
 Ion Ratio Lower Upper
 113 100
 111 86.7 78.5 117.7
 192 15.2 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

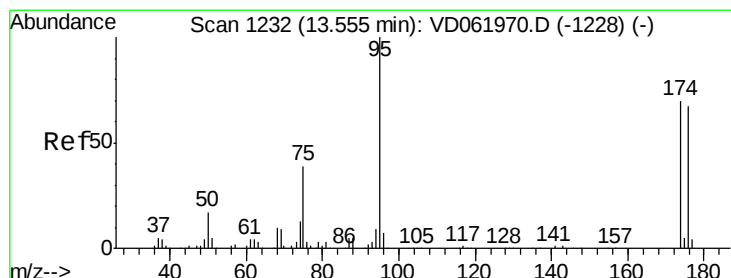
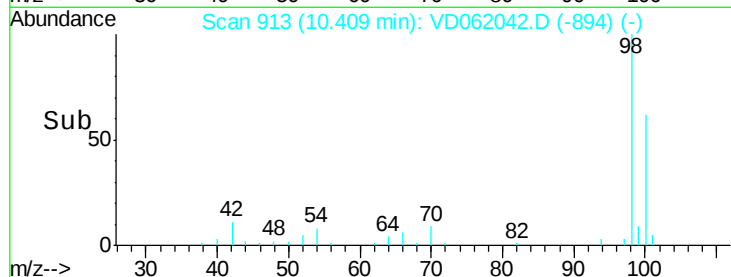
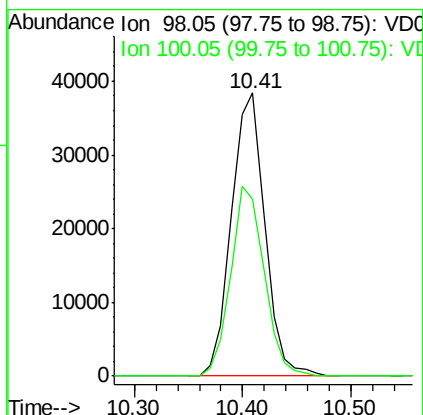
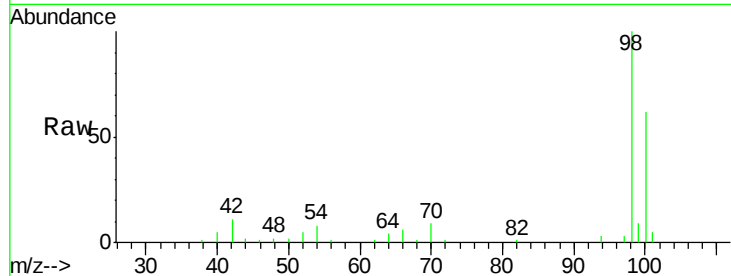




#50
Toluene-d8
Concen: 57.138 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD062042.D
Acq: 25 Apr 2019 16:52

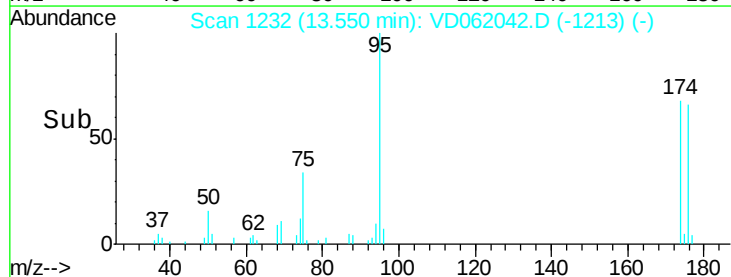
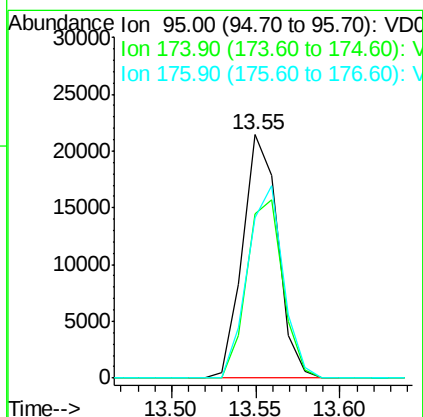
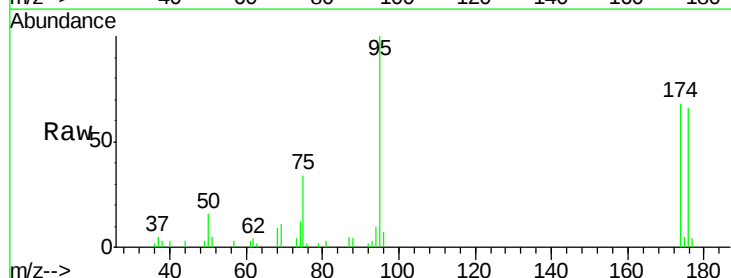
Instrument :
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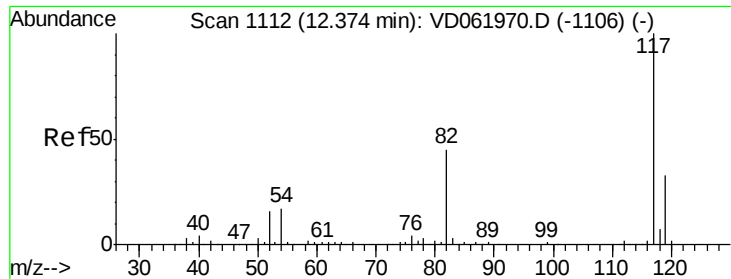
Tot Ion: 98 Resp: 82541
Ion Ratio Lower Upper
98 100
100 62.4 53.8 80.8



#62
4-Bromofluorobenzene
Concen: 53.432 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD062042.D
Acq: 25 Apr 2019 16:52

Tgt Ion: 95 Resp: 30959
Ion Ratio Lower Upper
95 100
174 67.6 0.0 181.8
176 65.9 0.0 174.4

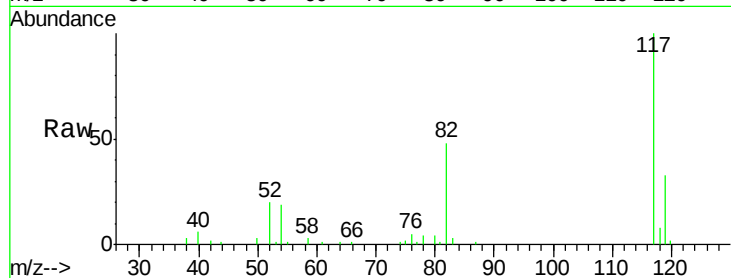




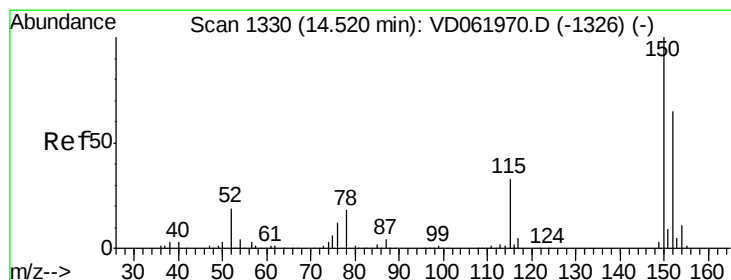
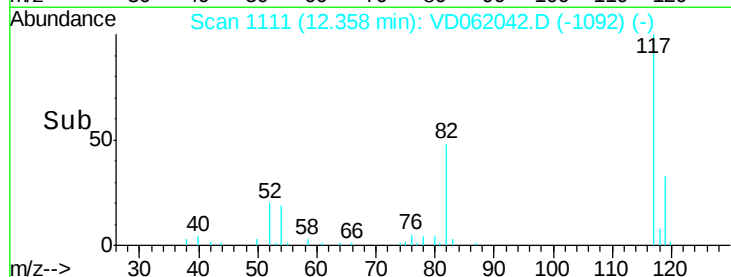
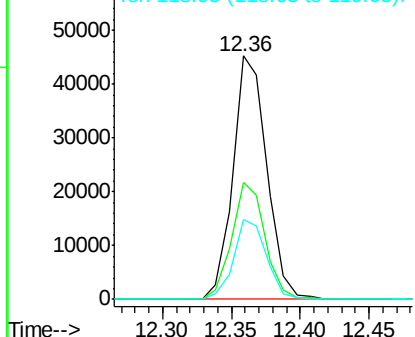
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062042.D
Acq: 25 Apr 2019 16:52

Instrument :
MSVOA_D
ClientSampleId :
SP-WOODBURYRE

Tot Ion:117 Resp: 77093
Ion Ratio Lower Upper
117 100
82 48.1 36.2 54.2
119 32.6 26.2 39.4

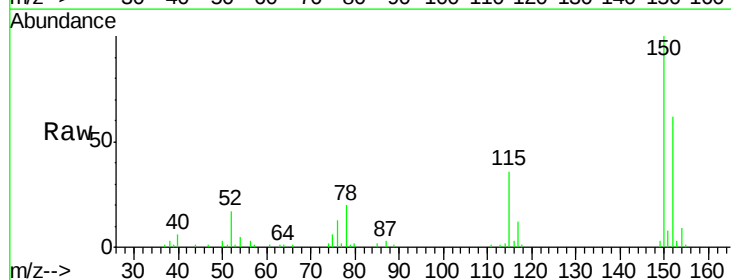


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD062042.D
Acq: 25 Apr 2019 16:52

Tgt Ion:152 Resp: 30841
Ion Ratio Lower Upper
152 100
115 57.8 30.9 92.7
150 162.5 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

