

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042919\
 Data File : VD062069.D
 Acq On : 29 Apr 2019 18:16
 Operator : FY/SY
 Sample : K2194-01
 Misc : 6.42gm/5mL/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-03-042919-A

Quant Time: Apr 30 01:35:38 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

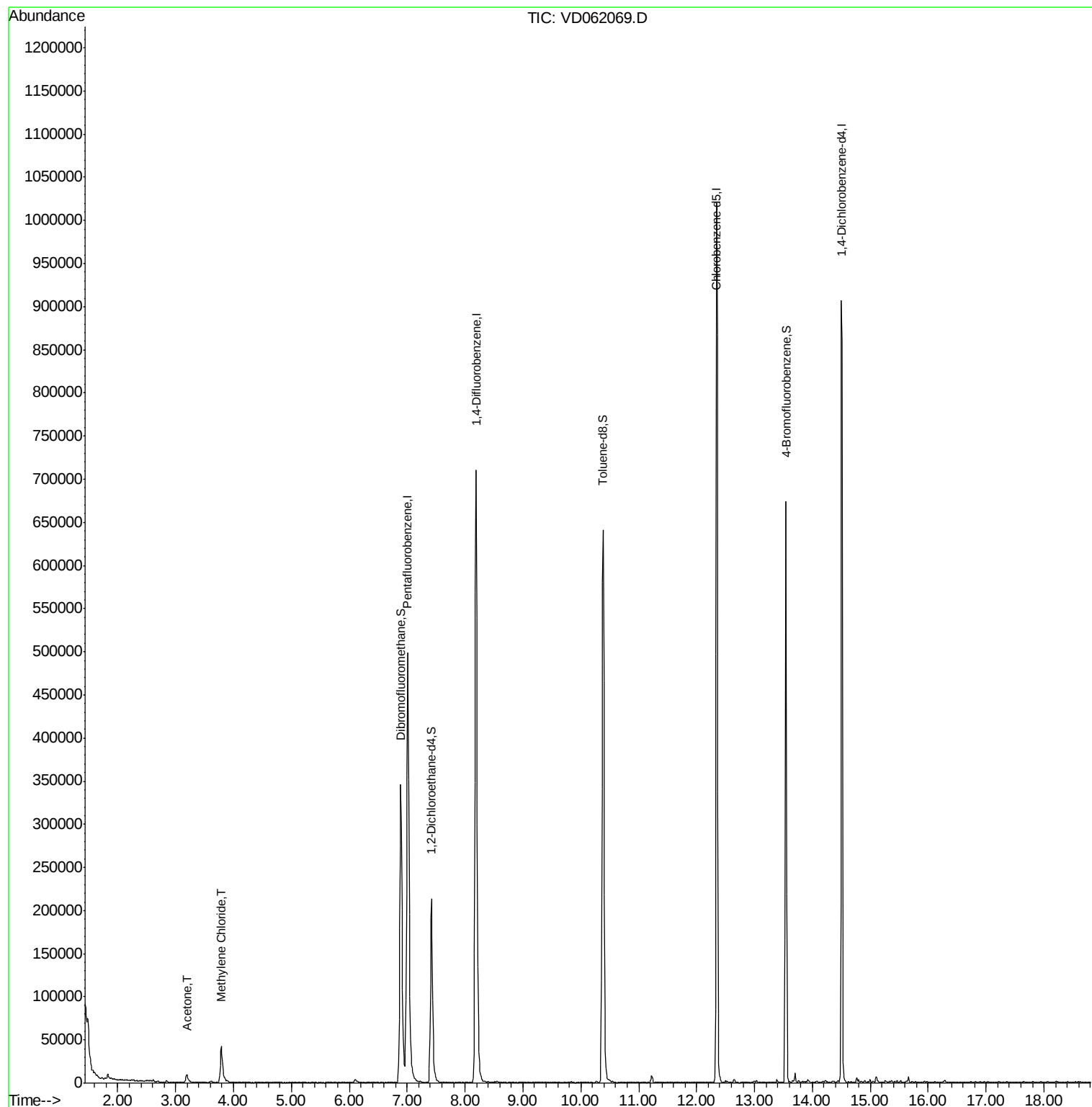
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	525924	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	822975	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.34	117	634064	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	232561	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	218957	53.19	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	106.38%	
35) Dibromofluoromethane	6.89	113	318241	55.91	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	111.82%	
50) Toluene-d8	10.38	98	580968	42.90	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	85.80%	
62) 4-Bromofluorobenzene	13.54	95	233219	42.93	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	85.86%	
Target Compounds						
16) Acetone	3.19	43	18161	18.478	ug/l #	86
20) Methylene Chloride	3.79	84	32044	3.747	ug/l	91

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

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Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.03 min

Lab File: VD062069.D

Acq: 29 Apr 2019 18:16

Instrument :

MSVOA_D

ClientSampleId :

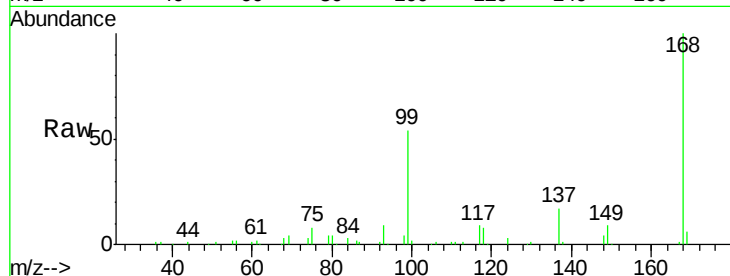
JC-03-042919-A

Tot Ion:168 Resp: 525924

Ion Ratio Lower Upper

168 100

99 53.5 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

150000

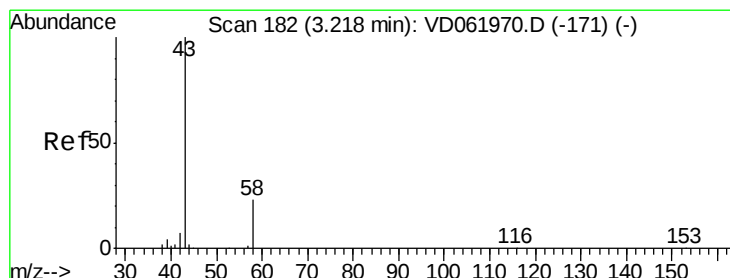
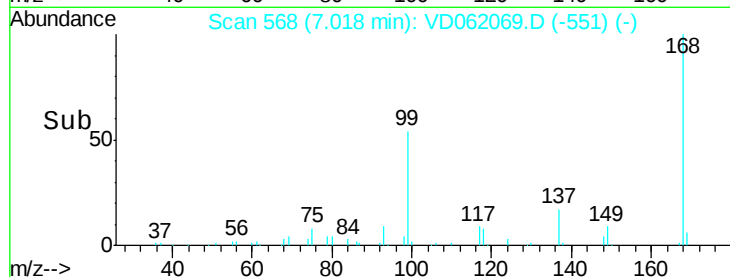
100000

50000

0

Time-->

6.90 7.00 7.10 7.20 7.30



#16

Acetone

Concen: 18.478 ug/l

RT: 3.19 min Scan# 179

Delta R.T. -0.03 min

Lab File: VD062069.D

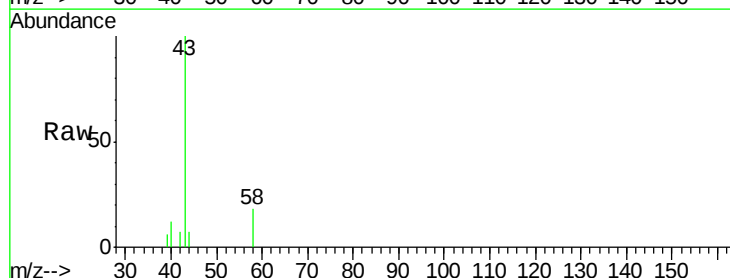
Acq: 29 Apr 2019 18:16

Tgt Ion: 43 Resp: 18161

Ion Ratio Lower Upper

43 100

58 17.8 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.19

6000

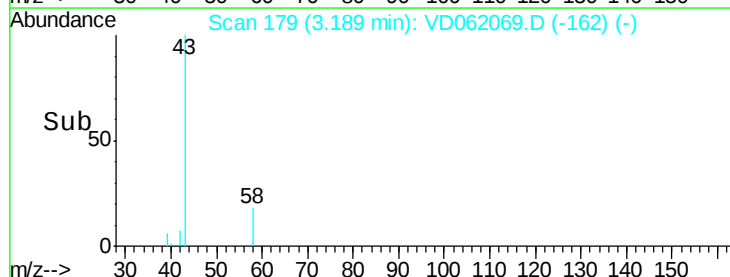
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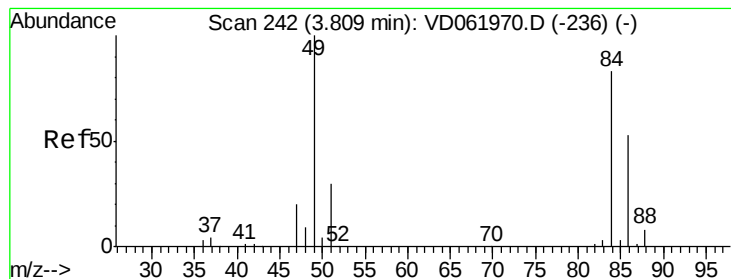
2000

0

Time-->

3.10 3.20 3.30





#20

Methylene Chloride

Concen: 3.747 ug/l

RT: 3.79 min Scan# 240

Delta R.T. -0.03 min

Lab File: VD062069.D

Acq: 29 Apr 2019 18:16

Instrument :

MSVOA_D

ClientSampleId :

JC-03-042919-A

Tot Ion: 84 Resp: 32044

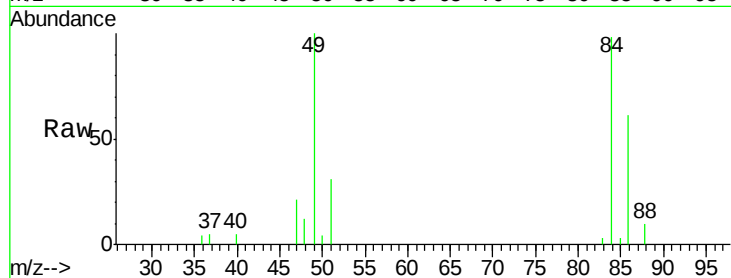
Ion Ratio Lower Upper

84 100

49 102.6 94.0 141.0

51 31.4 29.0 43.4

86 62.1 49.8 74.6

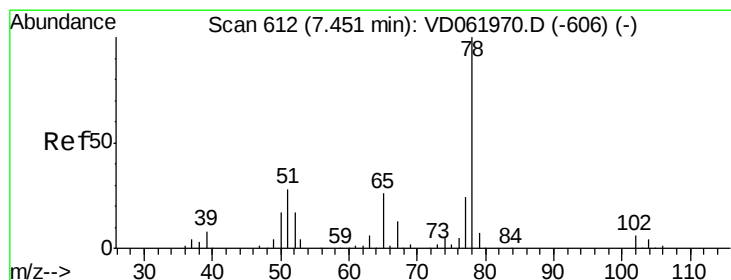
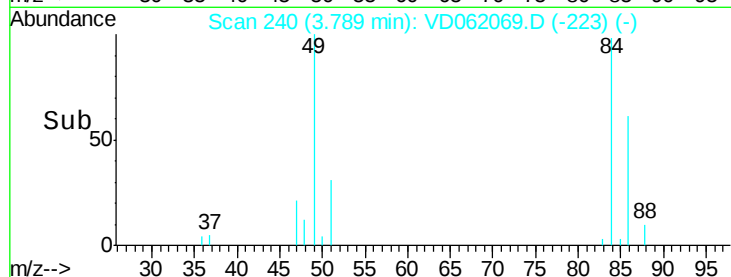
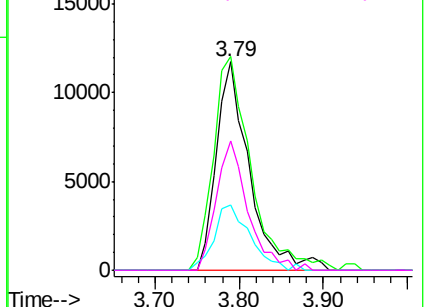


Abundance Ion 83.95 (83.65 to 84.65): VDC

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



#33

1,2-Dichloroethane-d4

Concen: 53.194 ug/l

RT: 7.42 min Scan# 609

Delta R.T. -0.03 min

Lab File: VD062069.D

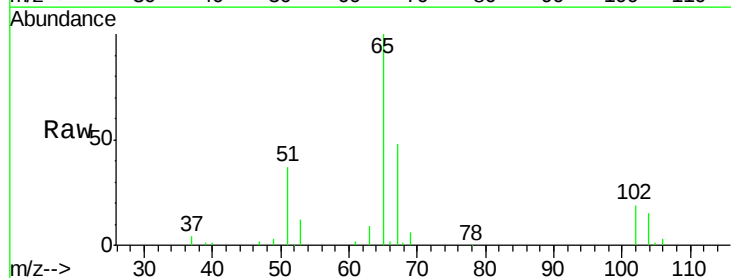
Acq: 29 Apr 2019 18:16

Tgt Ion: 65 Resp: 218957

Ion Ratio Lower Upper

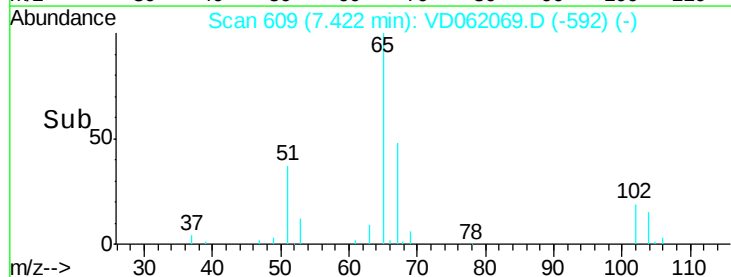
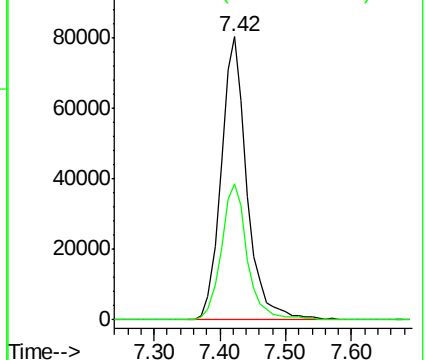
65 100

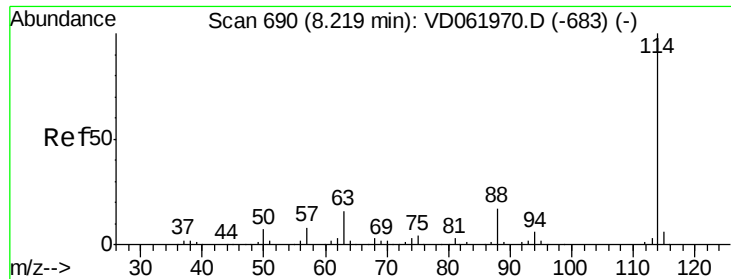
67 48.3 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

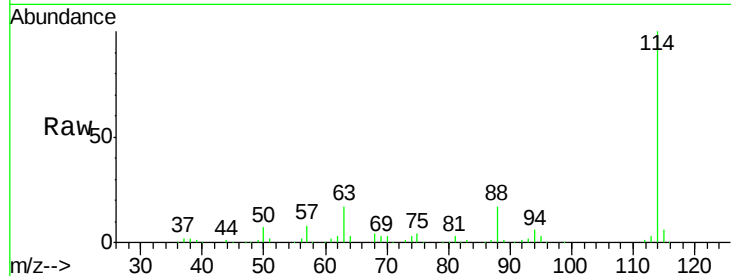




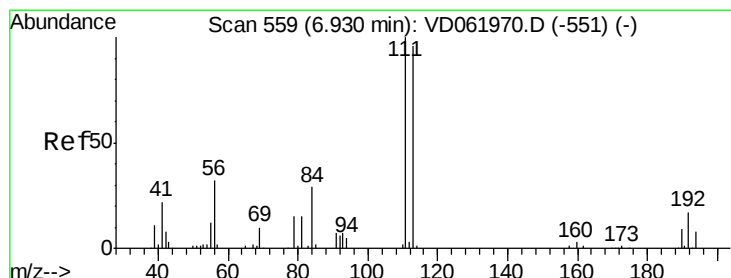
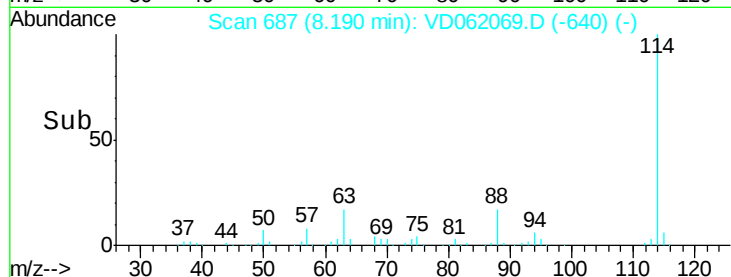
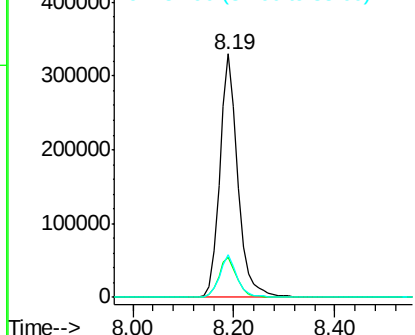
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 687
 Delta R.T. -0.03 min
 Lab File: VD062069.D
 Acq: 29 Apr 2019 18:16

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-03-042919-A

Tot Ion:114 Resp: 822975
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 32.4
 88 17.3 0.0 33.6

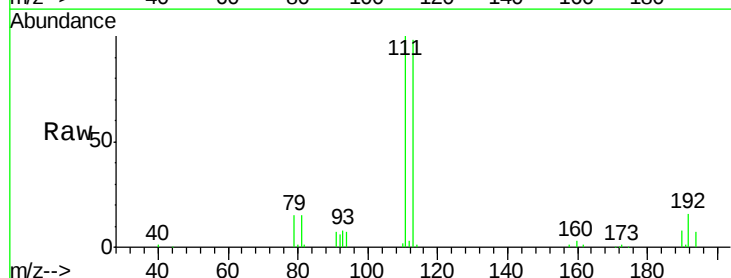


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

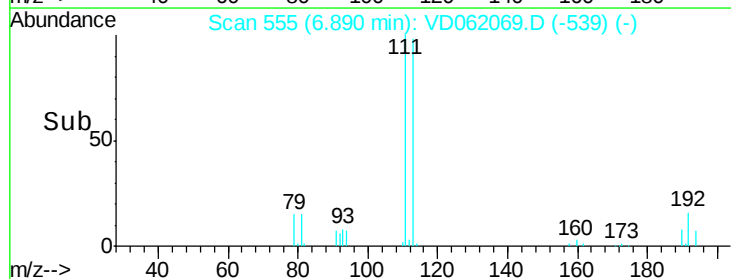
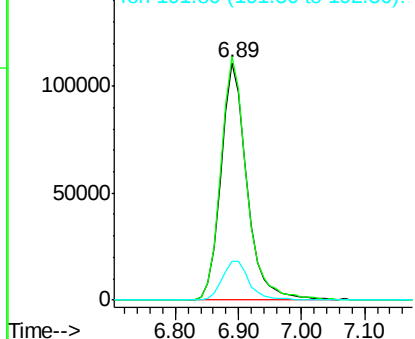


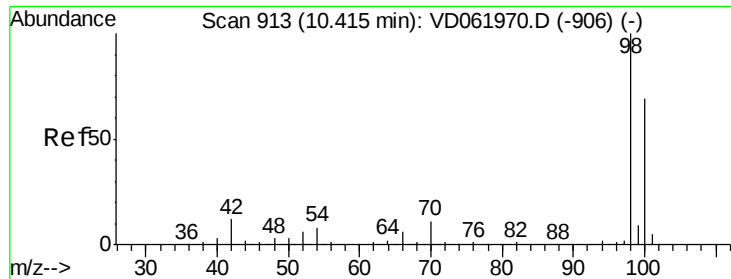
#35
 Dibromofluoromethane
 Concen: 55.914 ug/l
 RT: 6.89 min Scan# 555
 Delta R.T. -0.04 min
 Lab File: VD062069.D
 Acq: 29 Apr 2019 18:16

Tgt Ion:113 Resp: 318241
 Ion Ratio Lower Upper
 113 100
 111 102.5 78.5 117.7
 192 16.2 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

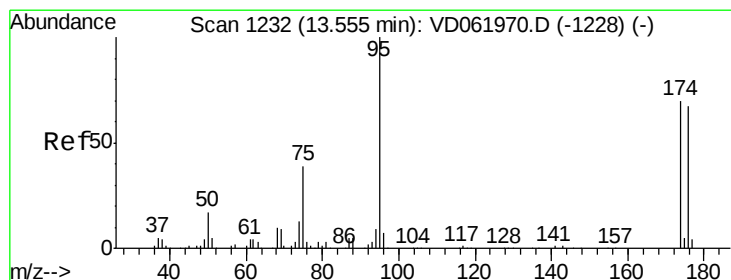
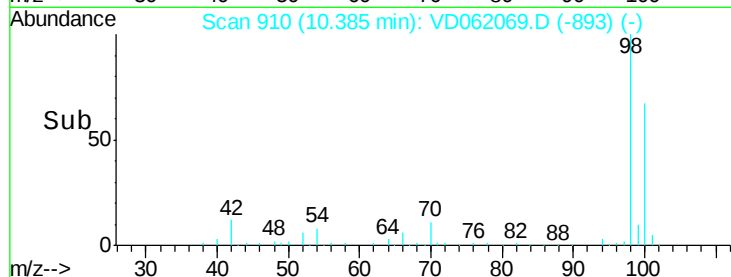
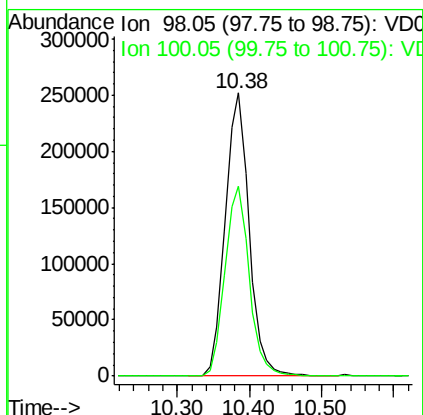
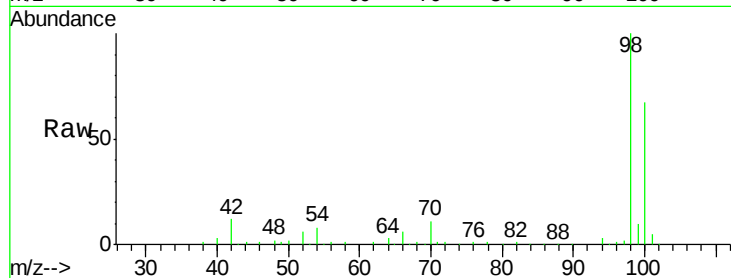




#50
Toluene-d8
Concen: 42.897 ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062069.D
Acq: 29 Apr 2019 18:16

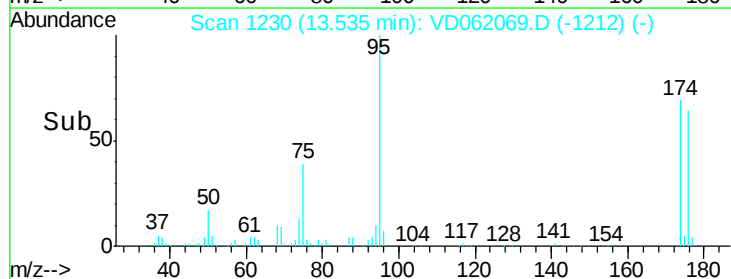
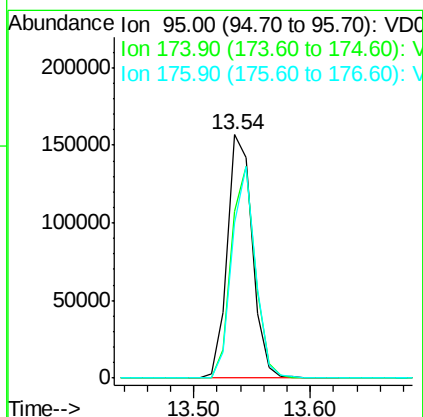
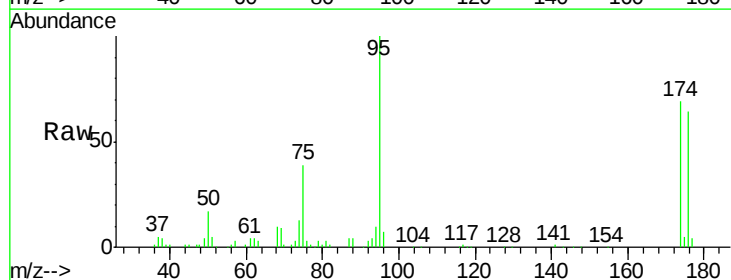
Instrument :
MSVOA_D
ClientSampleId :
JC-03-042919-A

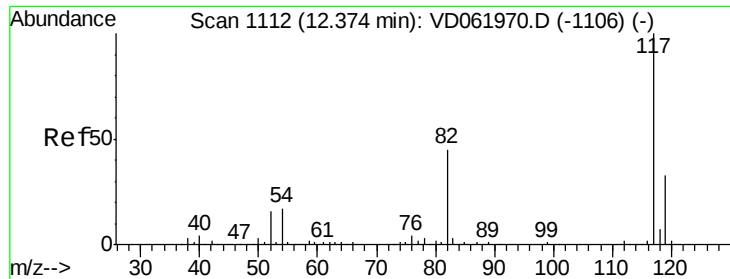
Tot Ion: 98 Resp: 580968
Ion Ratio Lower Upper
98 100
100 67.3 53.8 80.8



#62
4-Bromofluorobenzene
Concen: 42.933 ug/l
RT: 13.54 min Scan# 1230
Delta R.T. -0.02 min
Lab File: VD062069.D
Acq: 29 Apr 2019 18:16

Tgt Ion: 95 Resp: 233219
Ion Ratio Lower Upper
95 100
174 68.6 0.0 181.8
176 63.6 0.0 174.4

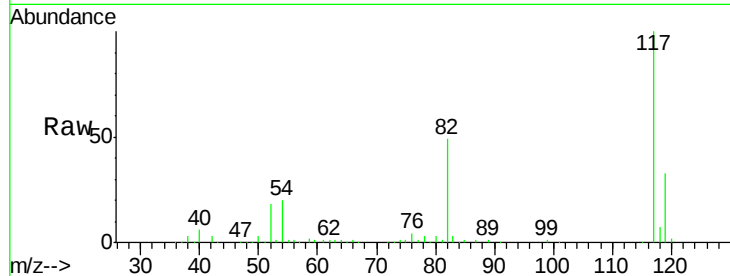




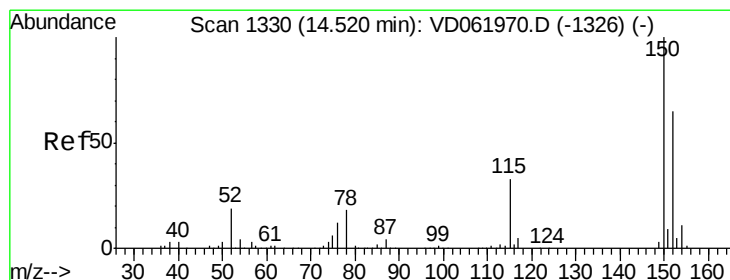
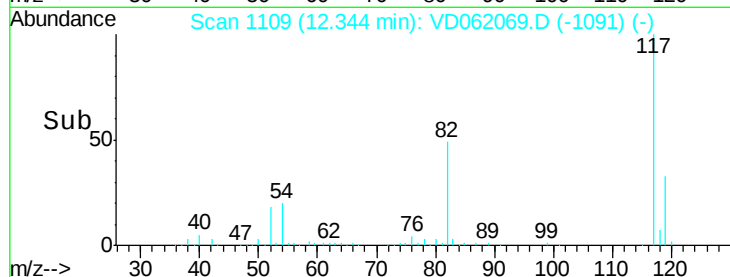
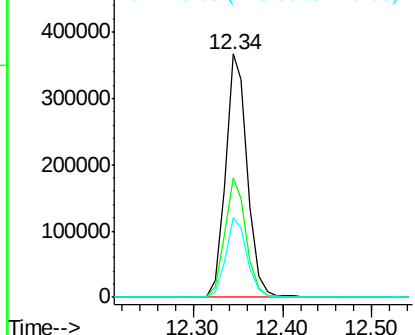
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.34 min Scan# 1109
Delta R.T. -0.02 min
Lab File: VD062069.D
Acq: 29 Apr 2019 18:16

Instrument :
MSVOA_D
ClientSampleId :
JC-03-042919-A

Tot Ion:117 Resp: 634064
Ion Ratio Lower Upper
117 100
82 49.1 36.2 54.2
119 32.5 26.2 39.4

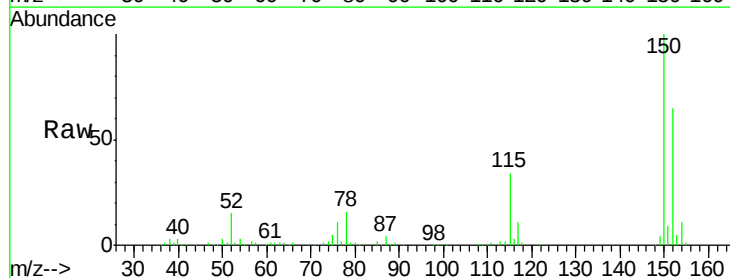


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062069.D
Acq: 29 Apr 2019 18:16

Tgt Ion:152 Resp: 232561
Ion Ratio Lower Upper
152 100
115 52.3 30.9 92.7
150 154.9 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

