

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD042919\
 Data File : VD062067.D
 Acq On : 29 Apr 2019 17:19
 Operator : FY/SY
 Sample : K2584-04RE
 Misc : 5.04gm/5mL/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SSSI-0419-S-DH-8RE

Quant Time: Apr 30 01:33:15 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

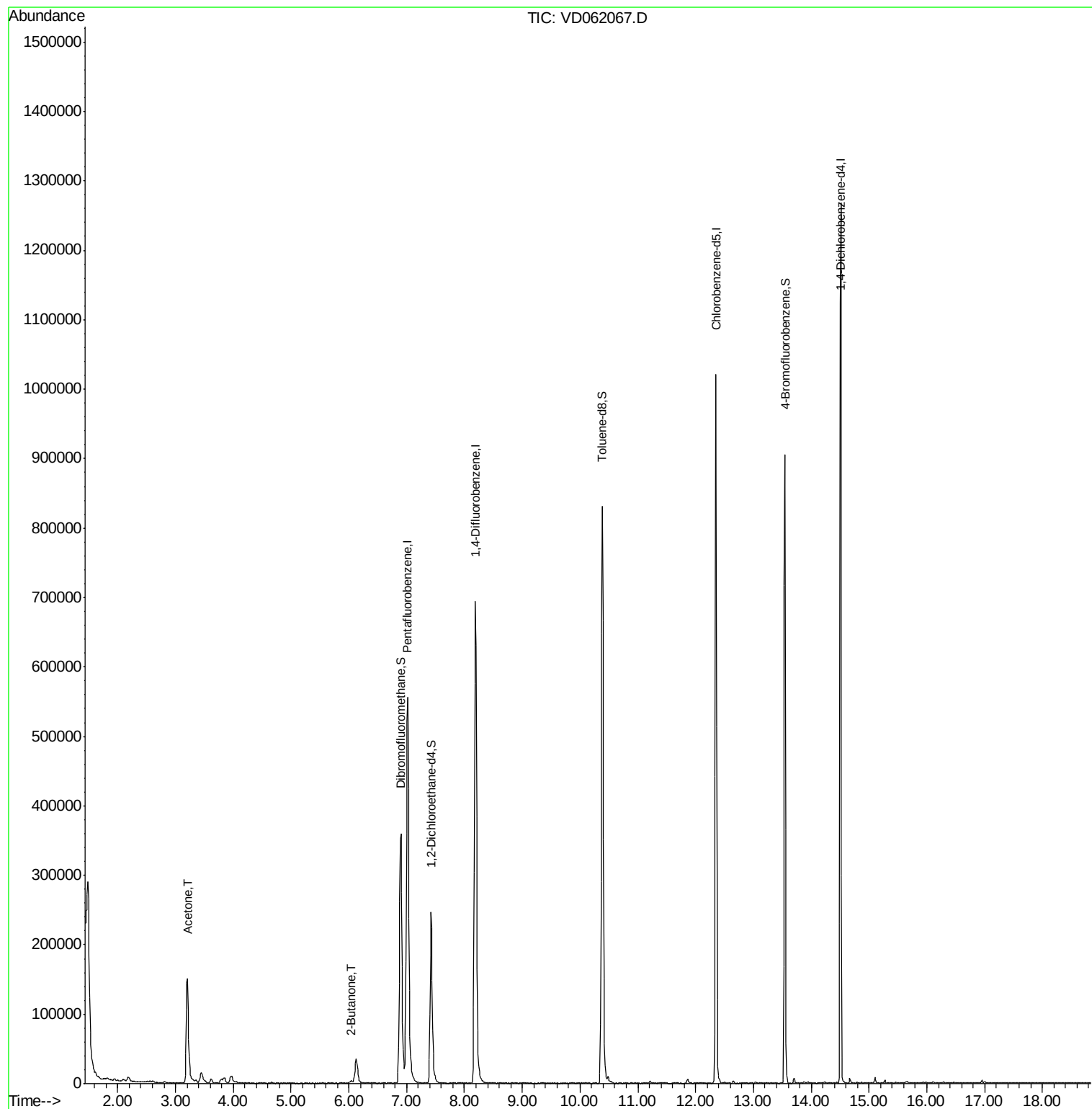
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	565533	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	865662	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	704850	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	314387	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	253709	57.32	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	114.64%	
35) Dibromofluoromethane	6.90	113	356723	59.58	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	119.16%	
50) Toluene-d8	10.38	98	722460	50.71	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	13.54	95	291210	50.97	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	101.94%	
Target Compounds						
16) Acetone	3.21	43	302984	286.689	ug/l	96
25) 2-Butanone	6.03	43	9193	7.175	ug/l #	91

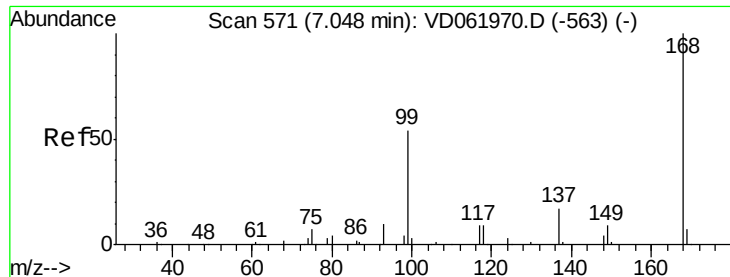
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Acq: 29 Apr 2019 17:19

Instrument :

MSVOA_D

ClientSampleId :

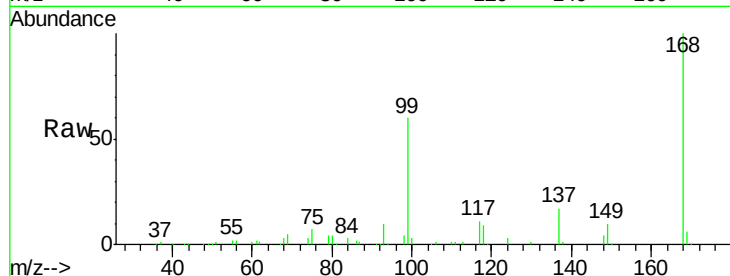
SSSI-0419-S-DH-8RE

Tot Ion:168 Resp: 565533

Ion Ratio Lower Upper

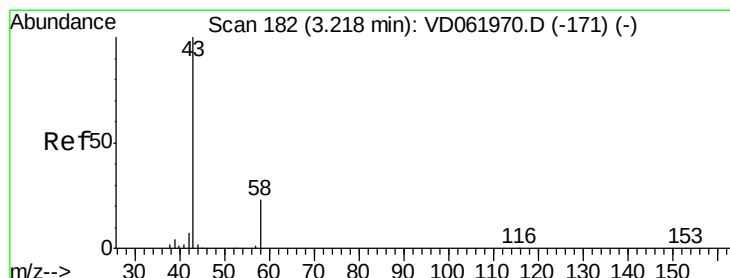
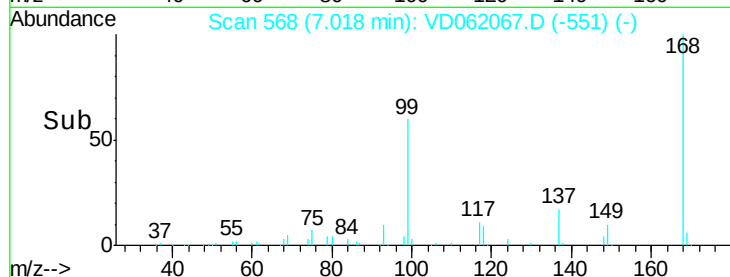
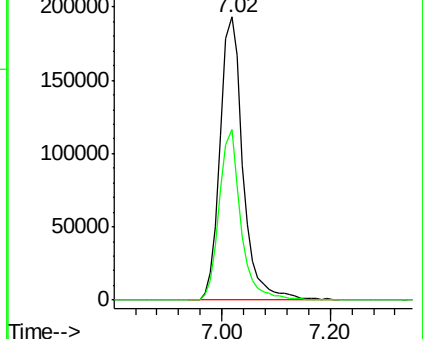
168 100

99 60.3 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 286.689 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD062067.D

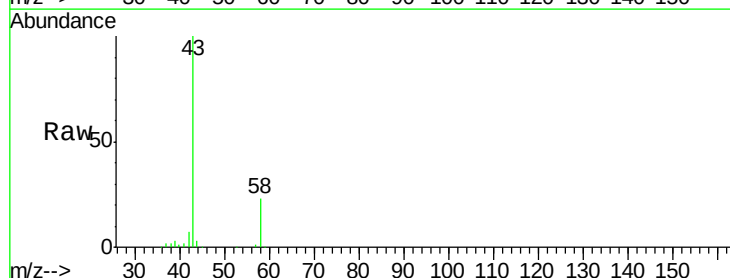
Acq: 29 Apr 2019 17:19

Tgt Ion: 43 Resp: 302984

Ion Ratio Lower Upper

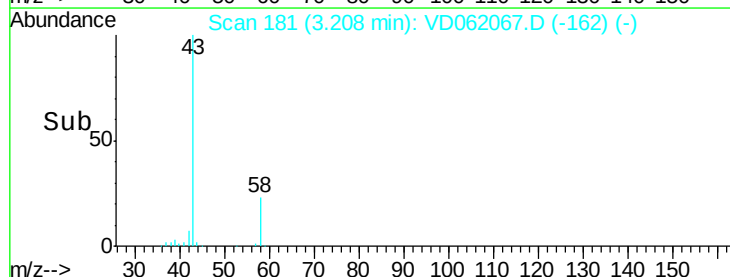
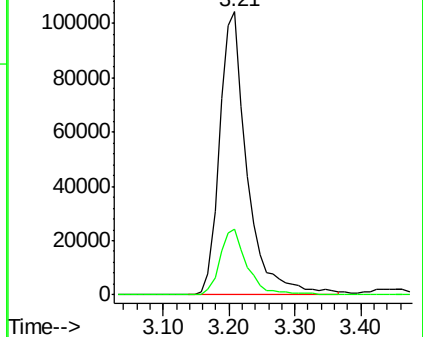
43 100

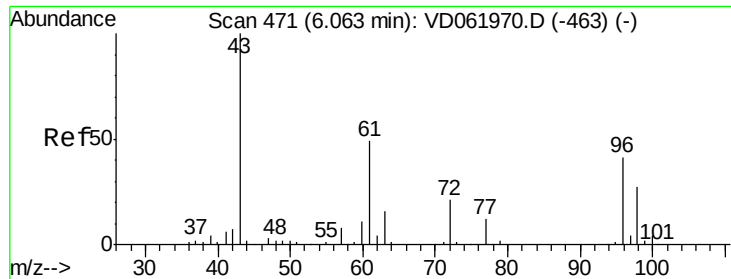
58 23.1 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 7.175 ug/l

RT: 6.03 min Scan# 468

Delta R.T. -0.04 min

Lab File: VD062067.D

Acq: 29 Apr 2019 17:19

Instrument :

MSVOA_D

ClientSampleId :

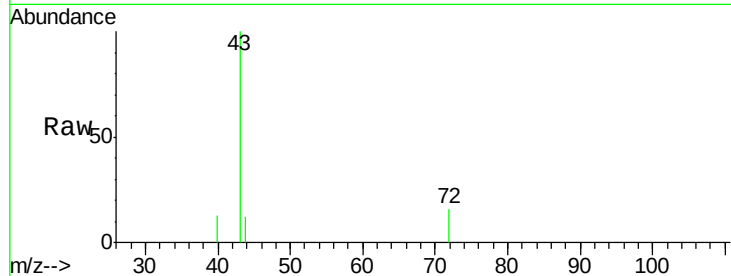
SSSI-0419-S-DH-8RE

Tot Ion: 43 Resp: 9193

Ion Ratio Lower Upper

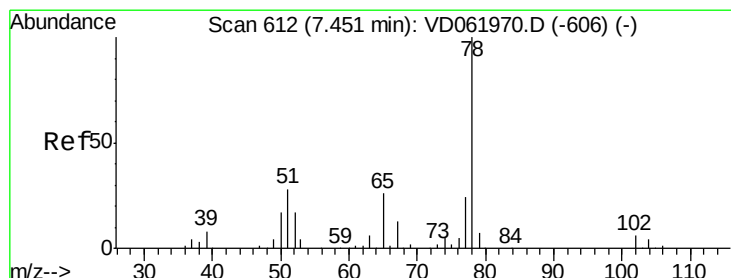
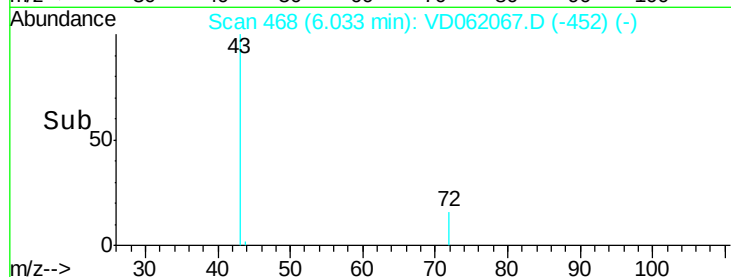
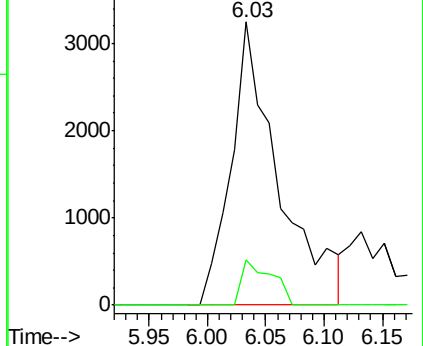
43 100

72 16.1 16.2 24.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 57.320 ug/l

RT: 7.42 min Scan# 609

Delta R.T. -0.03 min

Lab File: VD062067.D

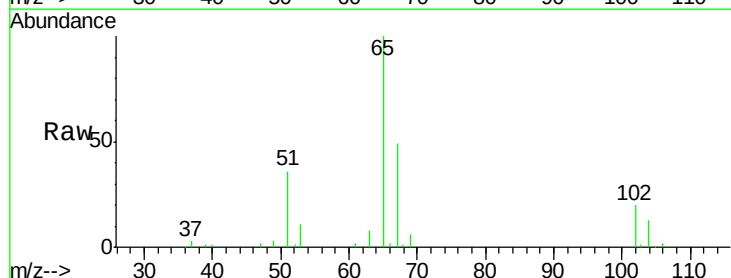
Acq: 29 Apr 2019 17:19

Tgt Ion: 65 Resp: 253709

Ion Ratio Lower Upper

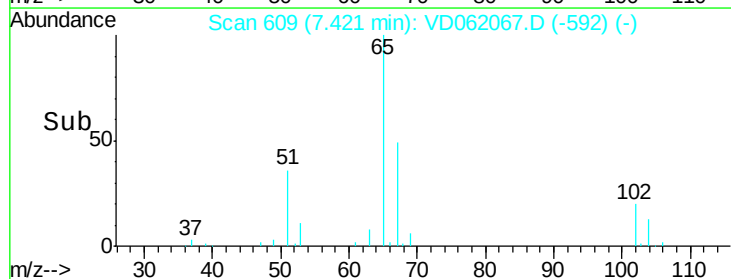
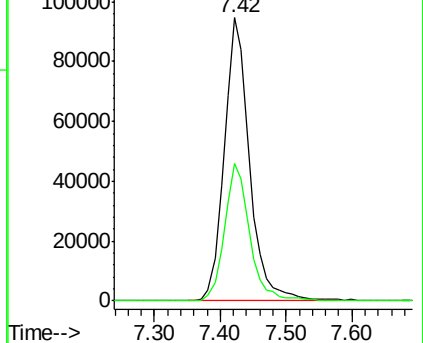
65 100

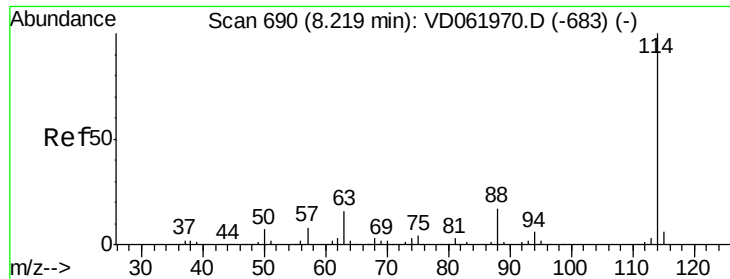
67 48.8 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

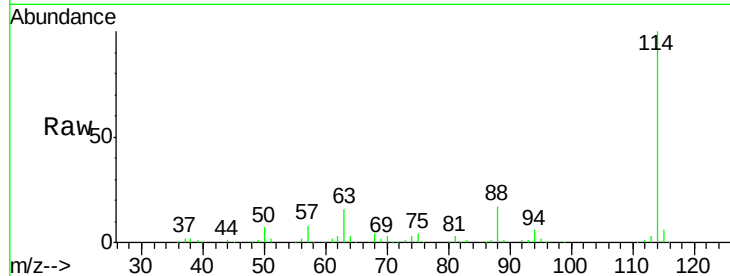




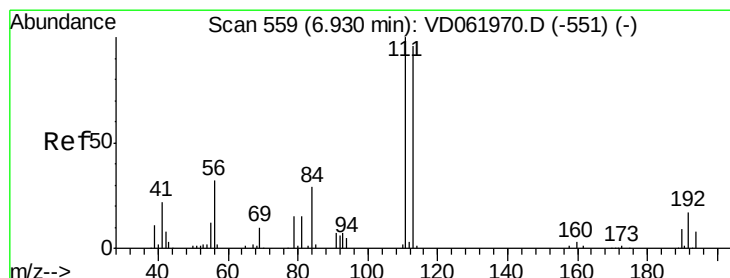
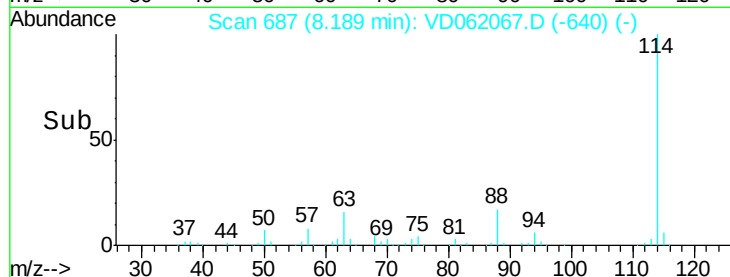
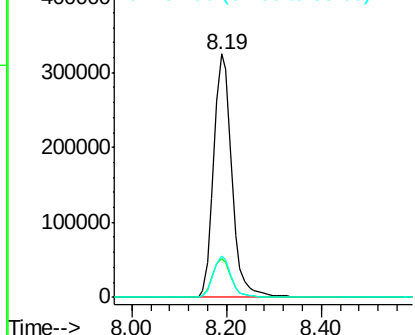
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 687
 Delta R.T. -0.03 min
 Lab File: VD062067.D
 Acq: 29 Apr 2019 17:19

Instrument :
 MSVOA_D
 ClientSampleId :
 SSSI-0419-S-DH-8RE

Tot Ion:114 Resp: 865662
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 32.4
 88 16.8 0.0 33.6

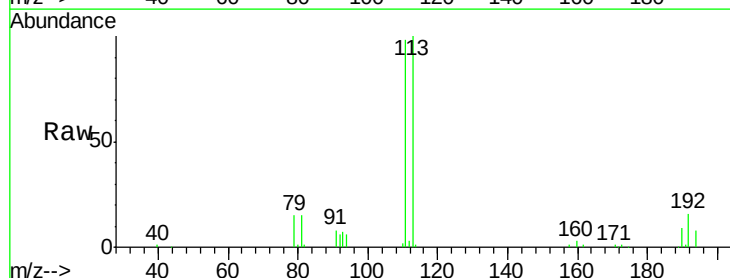


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

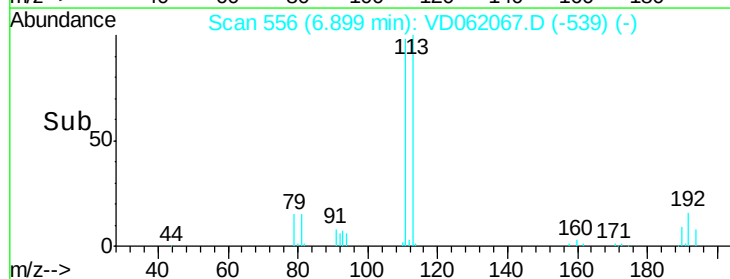
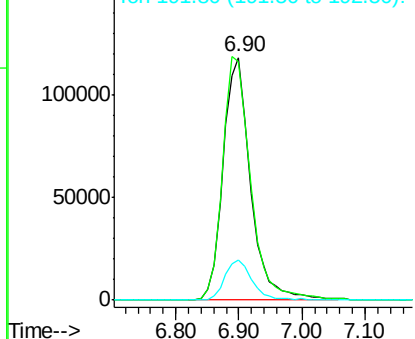


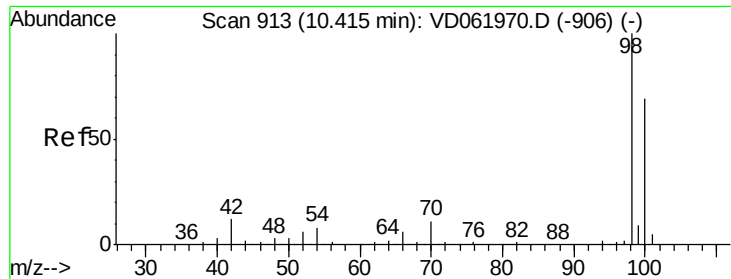
#35
 Dibromofluoromethane
 Concen: 59.584 ug/l
 RT: 6.90 min Scan# 556
 Delta R.T. -0.03 min
 Lab File: VD062067.D
 Acq: 29 Apr 2019 17:19

Tgt Ion:113 Resp: 356723
 Ion Ratio Lower Upper
 113 100
 111 98.2 78.5 117.7
 192 16.4 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

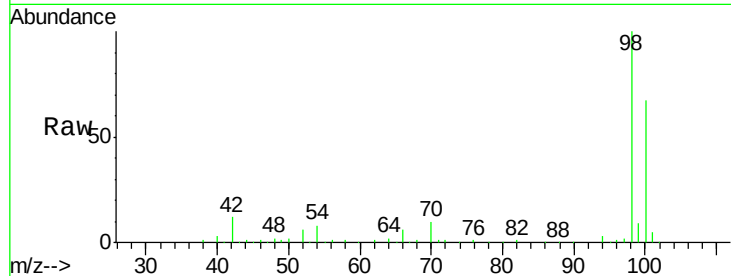




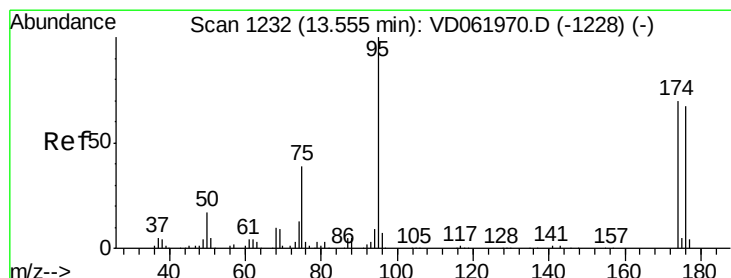
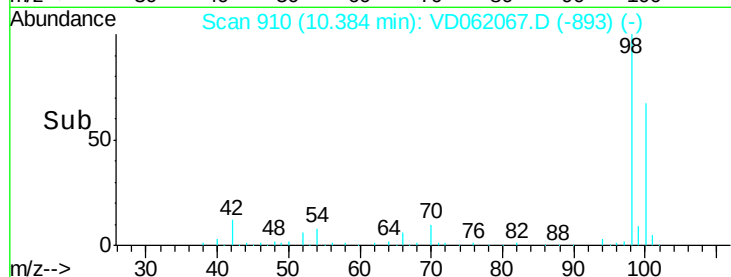
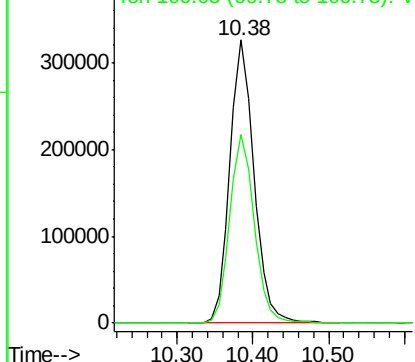
#50
Toluene-d8
Concen: 50.714 ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062067.D
Acq: 29 Apr 2019 17:19

Instrument :
MSVOA_D
ClientSampleId :
SSSI-0419-S-DH-8RE

Tot Ion: 98 Resp: 722460
Ion Ratio Lower Upper
98 100
100 66.7 53.8 80.8

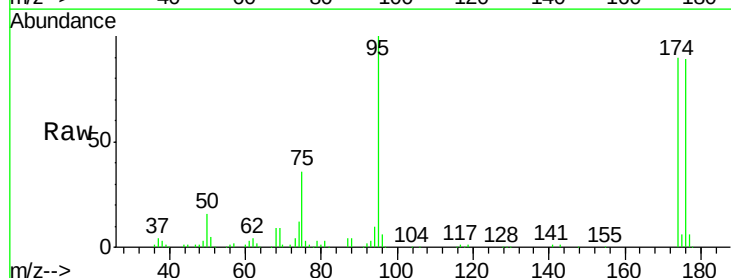


Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)
Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

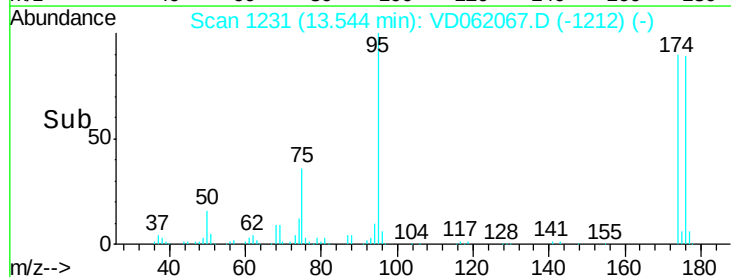
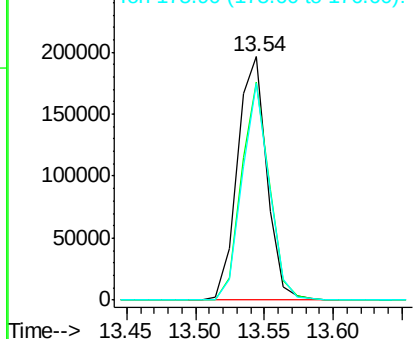


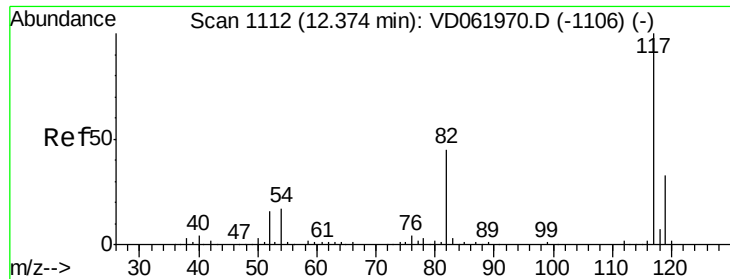
#62
4-Bromofluorobenzene
Concen: 50.965 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062067.D
Acq: 29 Apr 2019 17:19

Tgt Ion: 95 Resp: 291210
Ion Ratio Lower Upper
95 100
174 89.5 0.0 181.8
176 89.2 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061970.D (-1228) (-)
Ion 173.90 (173.60 to 174.60): VD061970.D (-1228) (-)
Ion 175.90 (175.60 to 176.60): VD061970.D (-1228) (-)

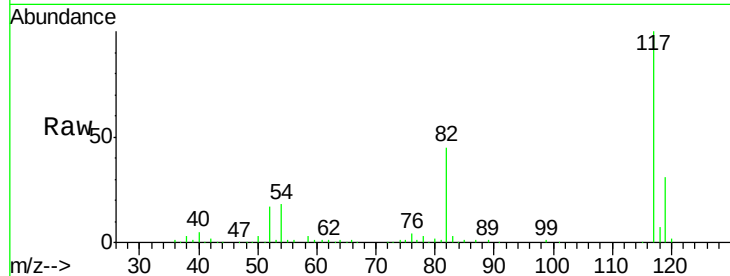




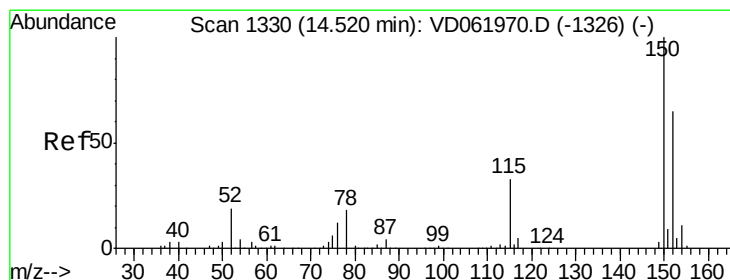
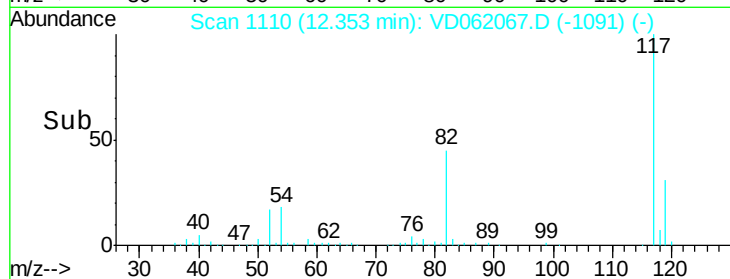
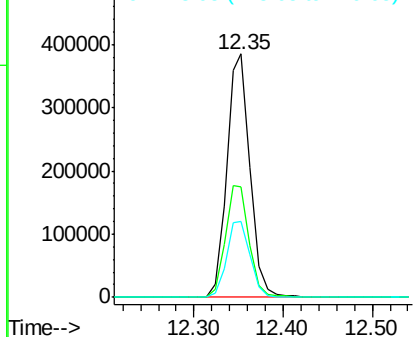
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.35 min Scan# 1110
 Delta R.T. -0.01 min
 Lab File: VD062067.D
 Acq: 29 Apr 2019 17:19

Instrument :
 MSVOA_D
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 SSSI-0419-S-DH-8RE

Tot Ion:117 Resp: 704850
 Ion Ratio Lower Upper
 117 100
 82 45.2 36.2 54.2
 119 31.4 26.2 39.4

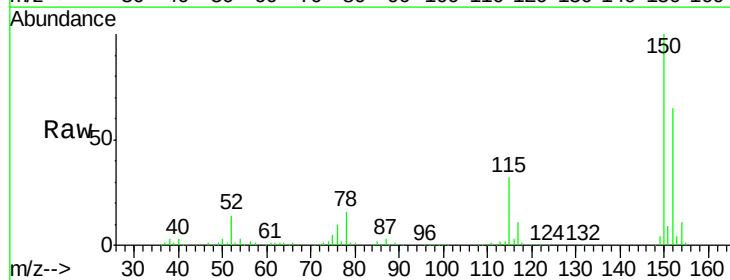


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: VD062067.D
 Acq: 29 Apr 2019 17:19

Tgt Ion:152 Resp: 314387
 Ion Ratio Lower Upper
 152 100
 115 49.9 30.9 92.7
 150 154.8 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

