

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
 Data File : VD061591.D
 Acq On : 4 Apr 2019 20:55
 Operator : VA/AP
 Sample : K2209-07RE
 Misc : 5.88g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 E-9RE

Quant Time: Apr 05 02:06:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

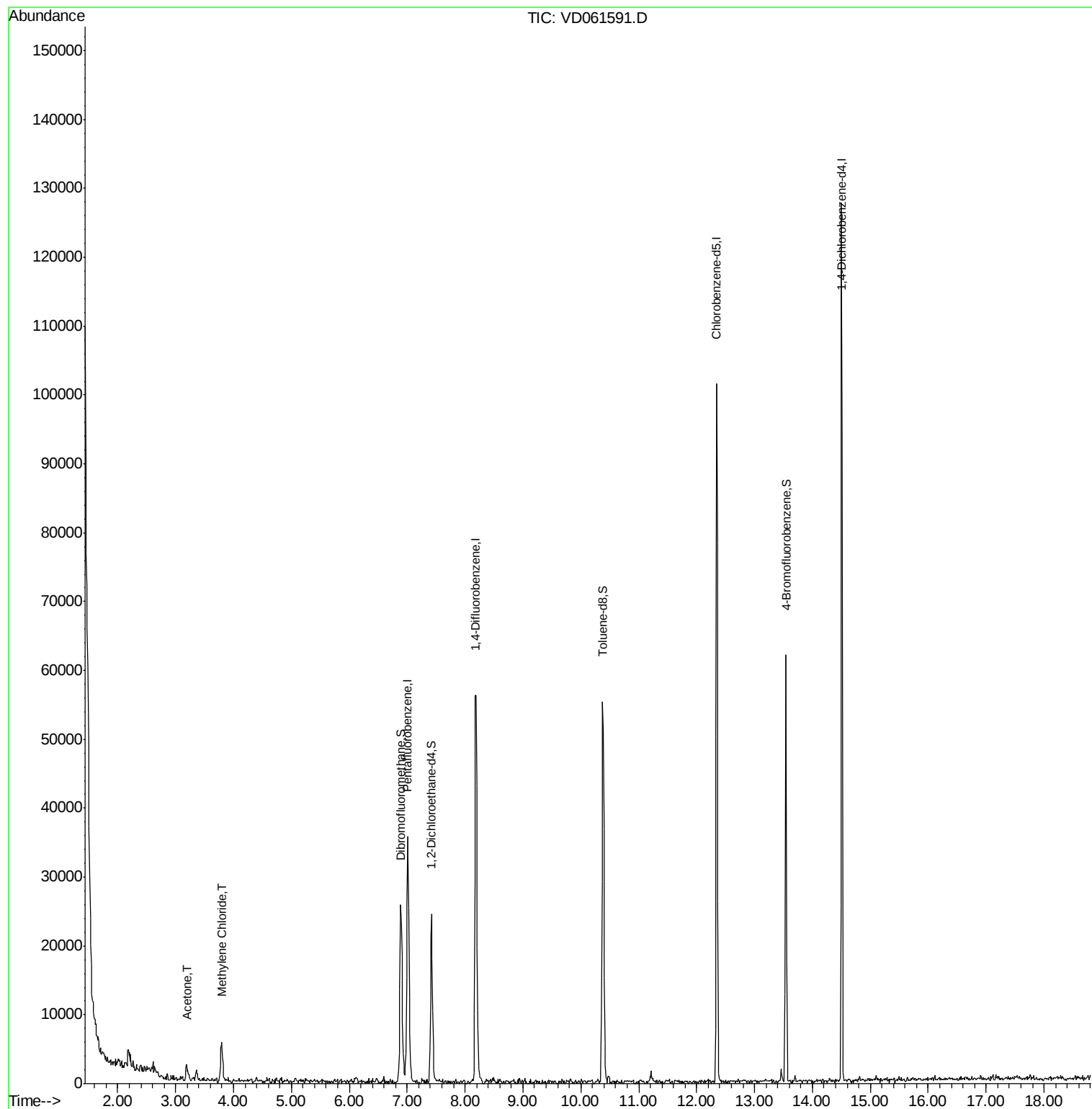
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	40567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	73130	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.34	117	63527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	28888	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	24193	69.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	139.62%	
35) Dibromofluoromethane	6.89	113	27716	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
50) Toluene-d8	10.38	98	51619	38.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.02%	
62) 4-Bromofluorobenzene	13.54	95	21265	41.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.74%	
Target Compounds						
16) Acetone	3.19	43	3737	41.949	ug/l	92
20) Methylene Chloride	3.79	84	5056	8.539	ug/l #	77

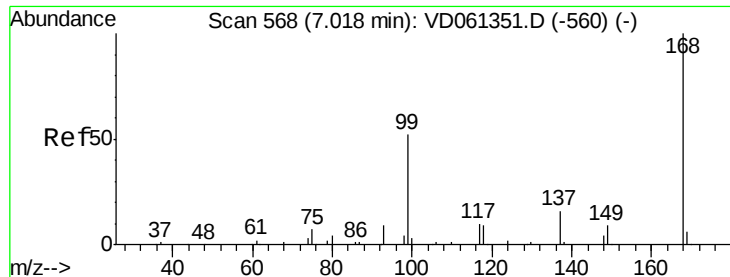
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. 0.00 min

Lab File: VD061591.D

Acq: 4 Apr 2019 20:55

Instrument :

MSVOA_D

ClientSampleId :

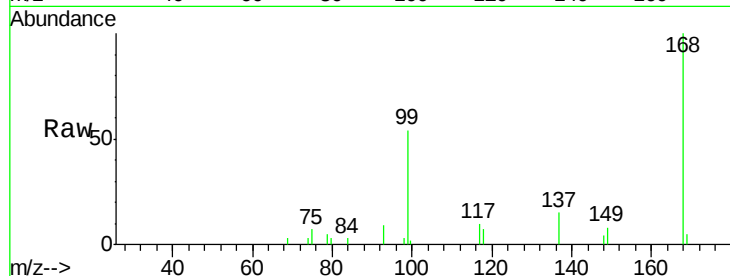
E-9RE

Tot Ion:168 Resp: 40567

Ion Ratio Lower Upper

168 100

99 56.6 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

15000

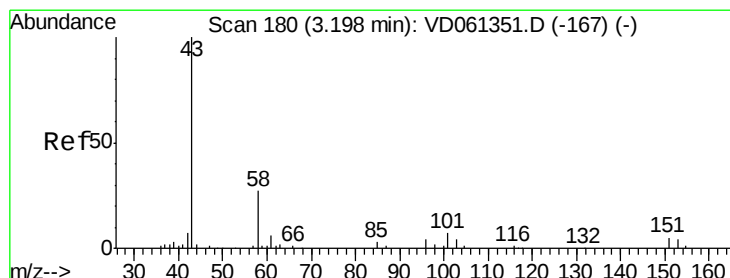
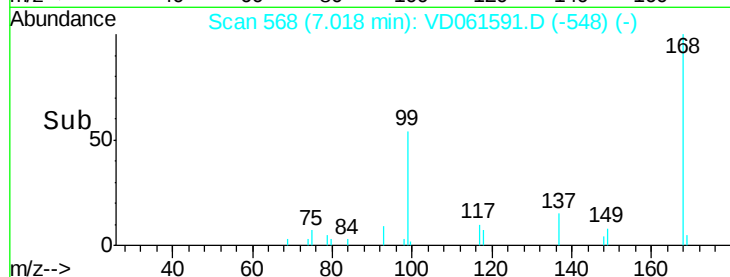
10000

5000

0

6.90 7.00 7.10

Time-->



#16

Acetone

Concen: 41.949 ug/l

RT: 3.19 min Scan# 179

Delta R.T. -0.01 min

Lab File: VD061591.D

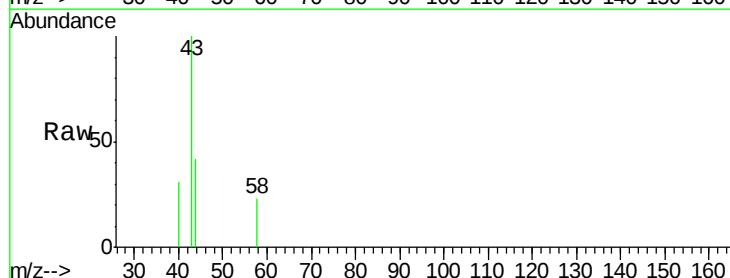
Acq: 4 Apr 2019 20:55

Tgt Ion: 43 Resp: 3737

Ion Ratio Lower Upper

43 100

58 23.0 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.19

1500

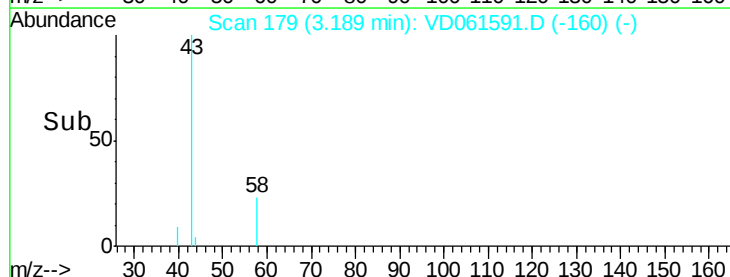
1000

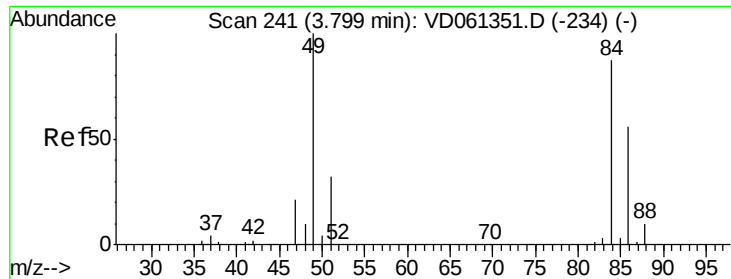
500

0

3.15 3.20 3.25

Time-->

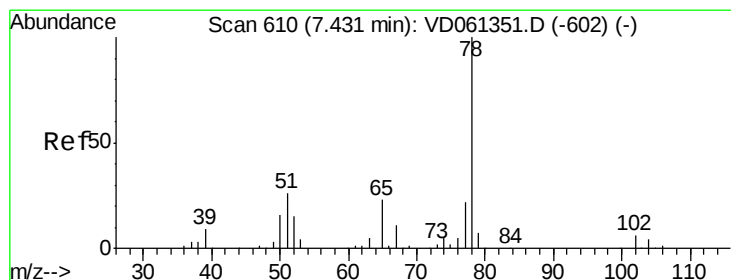
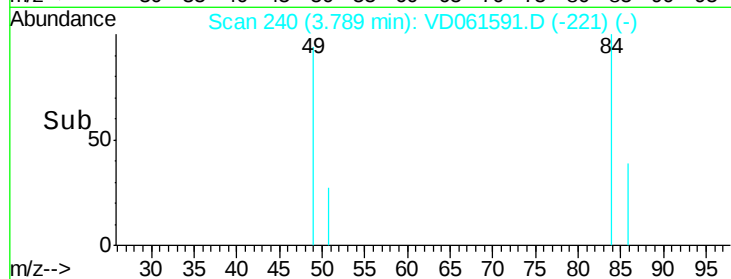
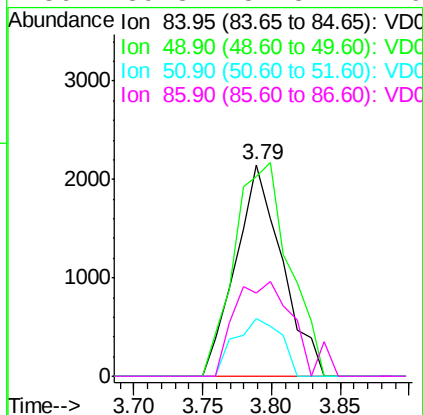
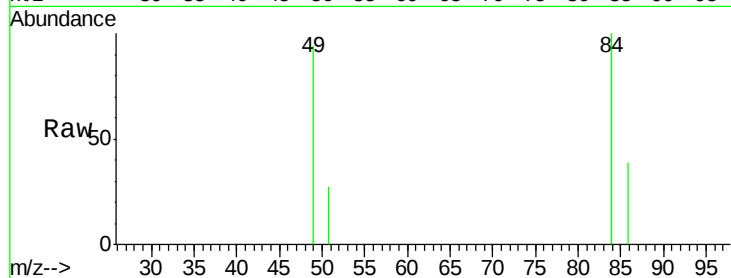




#20
Methvlene Chloride
Concen: 8.539 ug/l
RT: 3.79 min Scan# 240
Delta R.T. -0.01 min
Lab File: VD061591.D
Acq: 4 Apr 2019 20:55

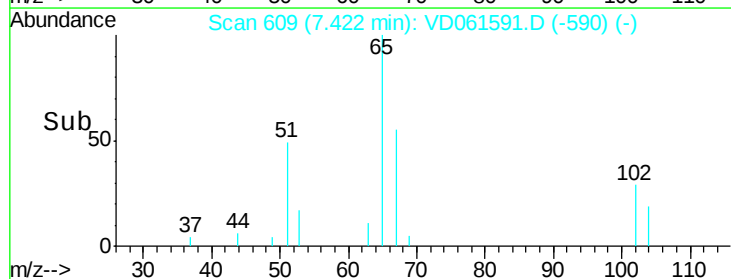
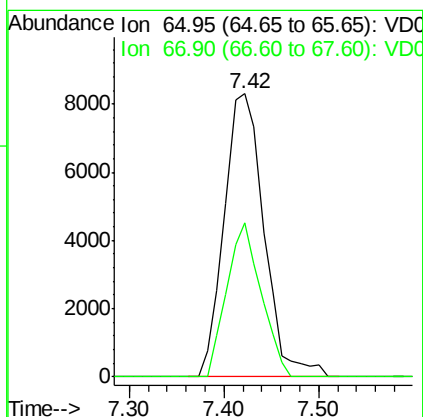
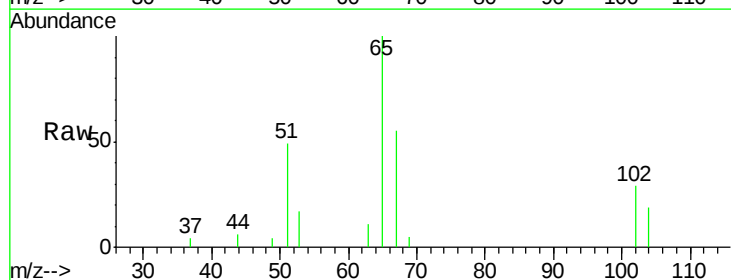
Instrument :
MSVOA_D
ClientSampleId :
E-9RE

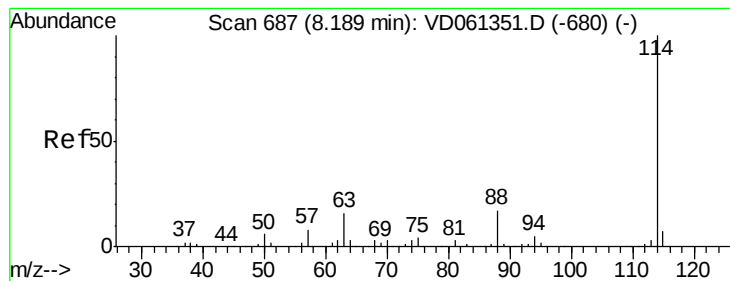
Tot Ion: 84 Resp: 5056
Ion Ratio Lower Upper
84 100
49 94.5 91.8 137.8
51 27.2 29.8 44.8#
86 39.3 51.8 77.6#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.42 min Scan# 609
Delta R.T. -0.01 min
Lab File: VD061591.D
Acq: 4 Apr 2019 20:55

Tgt Ion: 65 Resp: 24193
Ion Ratio Lower Upper
65 100
67 54.6 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.19 min Scan# 687

Delta R.T. 0.00 min

Lab File: VD061591.D

Acq: 4 Apr 2019 20:55

Instrument :

MSVOA_D

ClientSampleId :

E-9RE

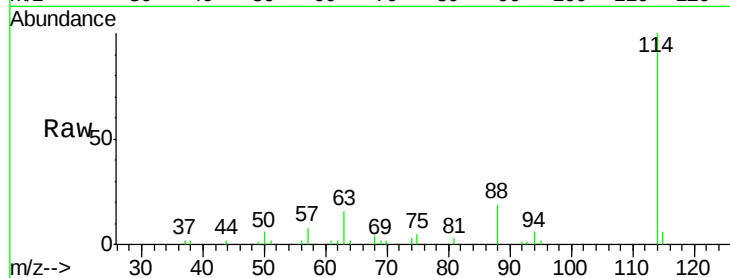
Tot Ion:114 Resp: 73130

Ion Ratio Lower Upper

114 100

63 16.4 0.0 31.6

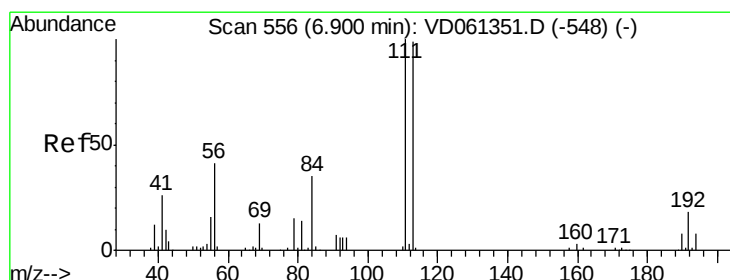
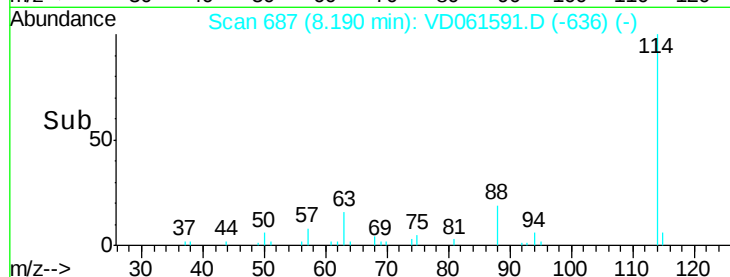
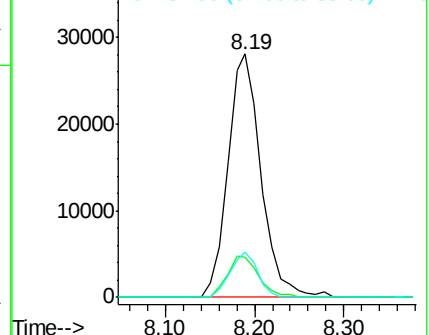
88 18.6 0.0 33.4



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: 50.000 ug/l

RT: 6.89 min Scan# 555

Delta R.T. -0.01 min

Lab File: VD061591.D

Acq: 4 Apr 2019 20:55

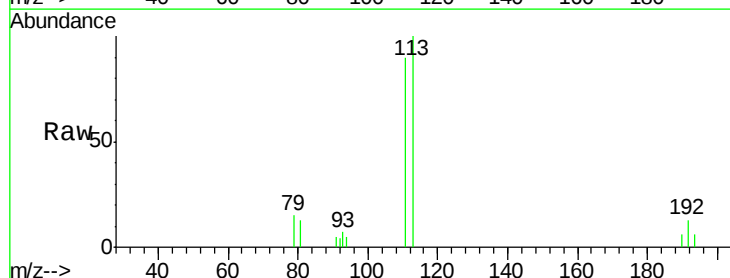
Tgt Ion:113 Resp: 27716

Ion Ratio Lower Upper

113 100

111 89.9 81.0 121.6

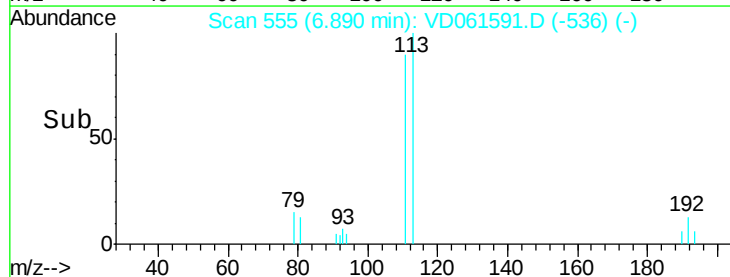
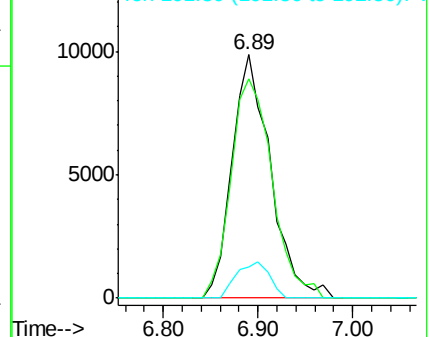
192 12.8 14.4 21.6#

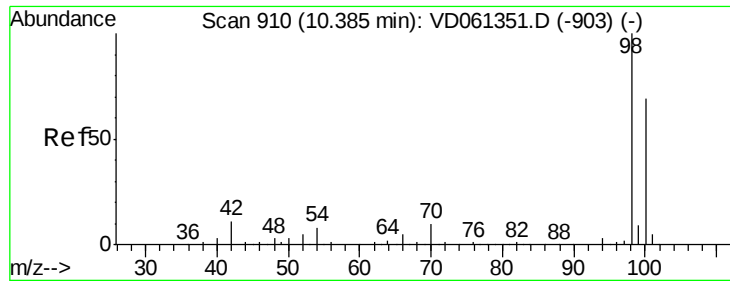


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

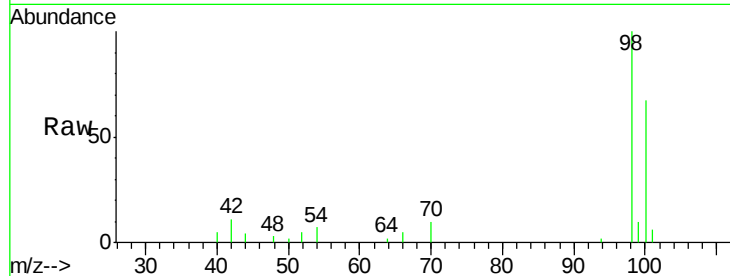




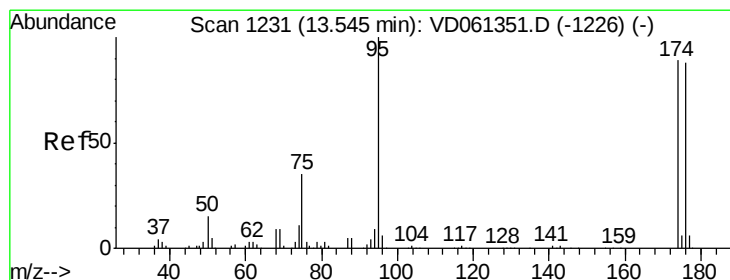
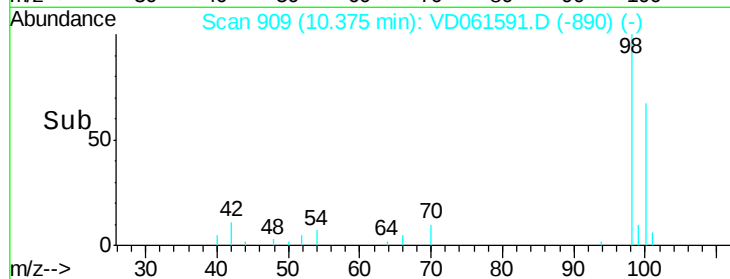
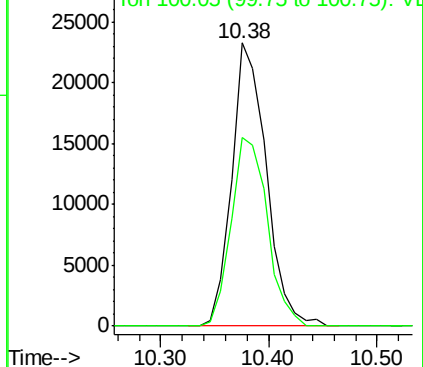
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.38 min Scan# 909
Delta R.T. -0.01 min
Lab File: VD061591.D
Acq: 4 Apr 2019 20:55

Instrument :
MSVOA_D
ClientSampled :
E-9RE

Tot Ion: 98 Resp: 51619
Ion Ratio Lower Upper
98 100
100 66.6 56.2 84.2

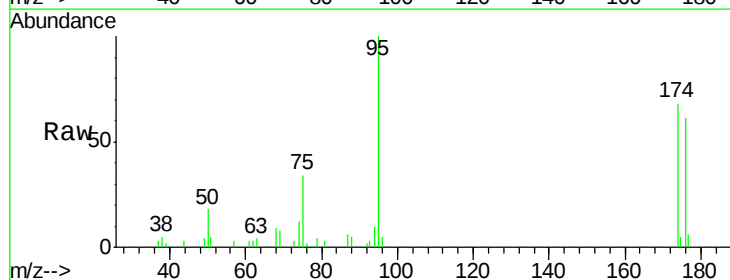


Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)
Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

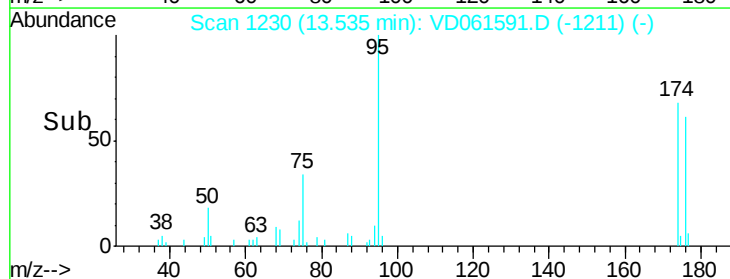
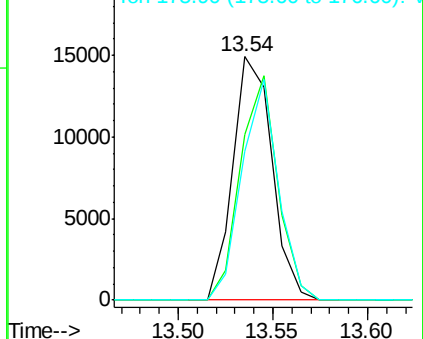


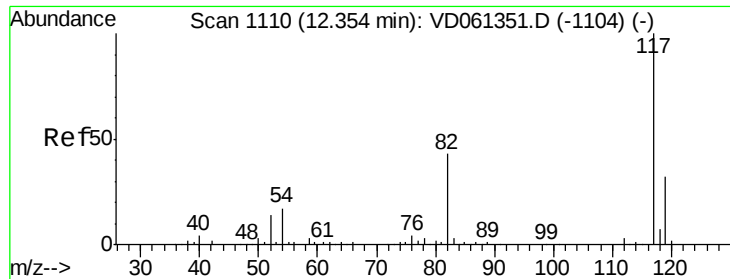
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1230
Delta R.T. -0.01 min
Lab File: VD061591.D
Acq: 4 Apr 2019 20:55

Tgt Ion: 95 Resp: 21265
Ion Ratio Lower Upper
95 100
174 68.2 0.0 178.0
176 61.2 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)
Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)
Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

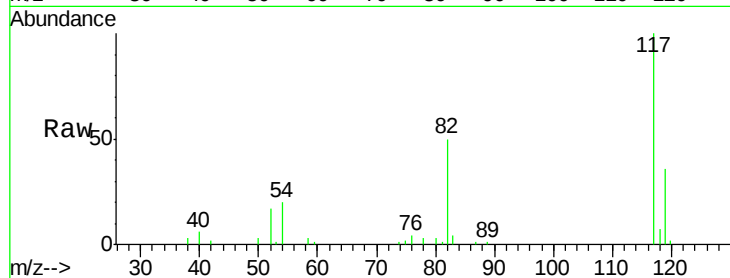




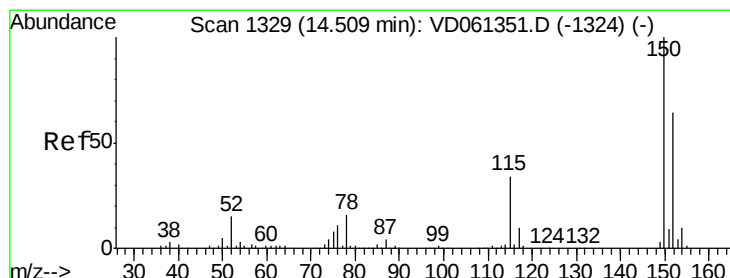
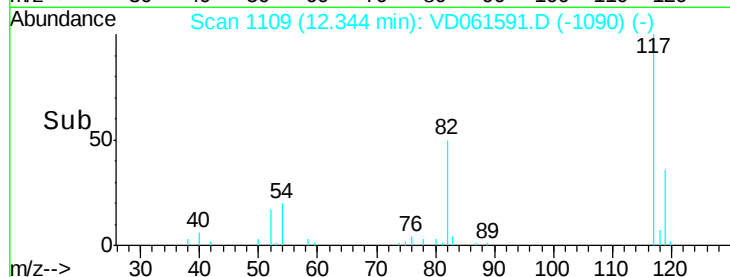
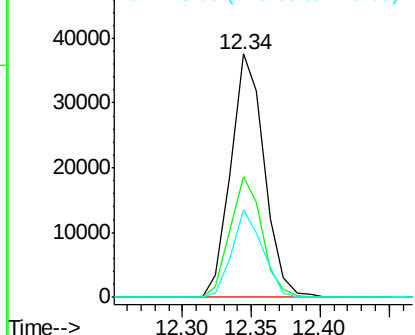
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.34 min Scan# 1109
Delta R.T. -0.01 min
Lab File: VD061591.D
Acq: 4 Apr 2019 20:55

Instrument :
MSVOA_D
ClientSampled :
E-9RE

Tot Ion:117 Resp: 63527
Ion Ratio Lower Upper
117 100
82 49.7 34.4 51.6
119 36.0 25.8 38.6

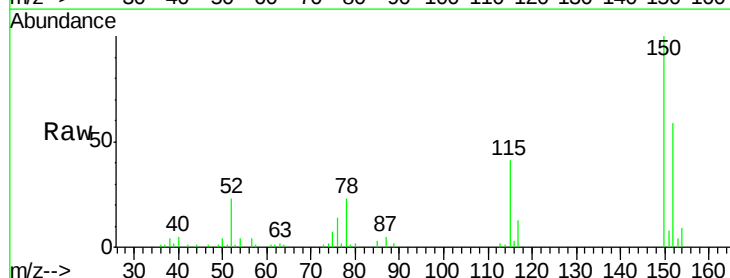


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1328
Delta R.T. -0.01 min
Lab File: VD061591.D
Acq: 4 Apr 2019 20:55

Tgt Ion:152 Resp: 28888
Ion Ratio Lower Upper
152 100
115 69.2 26.9 80.6
150 169.3 0.0 318.0



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

