

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040519\
 Data File : VD061623.D
 Acq On : 5 Apr 2019 16:17
 Operator : VA/AP
 Sample : K2257-09RE
 Misc : 3.83g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-BRE

Quant Time: Apr 06 00:48:05 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

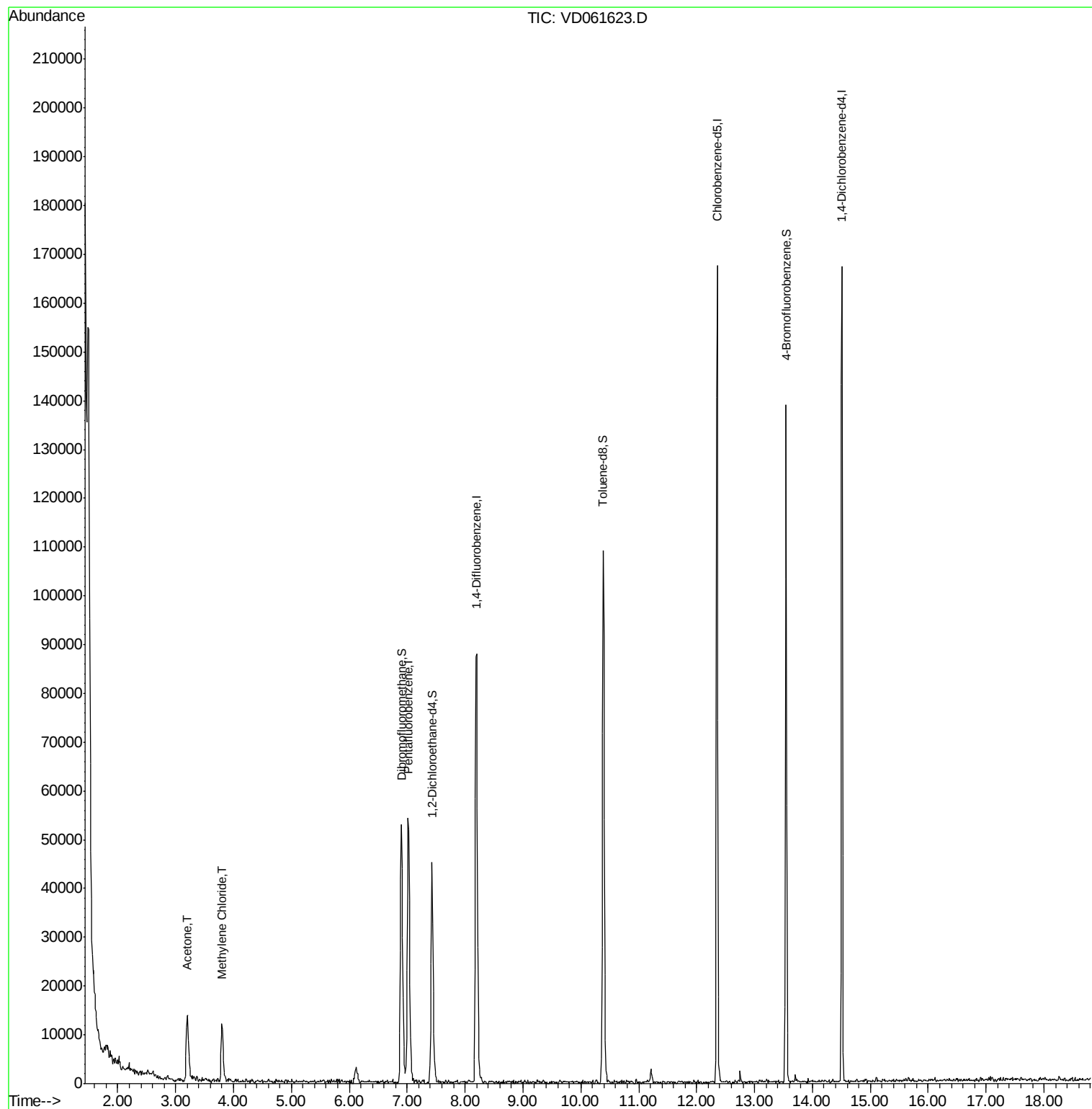
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	59836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	112182	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.35	117	105511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	42877	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	44769	87.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	175.18%	
35) Dibromofluoromethane	6.90	113	50197	58.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.10%	
50) Toluene-d8	10.38	98	96345	46.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.72%	
62) 4-Bromofluorobenzene	13.54	95	44999	57.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.14%	
Target Compounds						
16) Acetone	3.20	43	28805	219.220	ug/l	95
20) Methylene Chloride	3.80	84	9453	11.358	ug/l	93

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. 0.00 min

Lab File: VD061623.D

Acq: 5 Apr 2019 16:17

Instrument :

MSVOA_D

ClientSampleId :

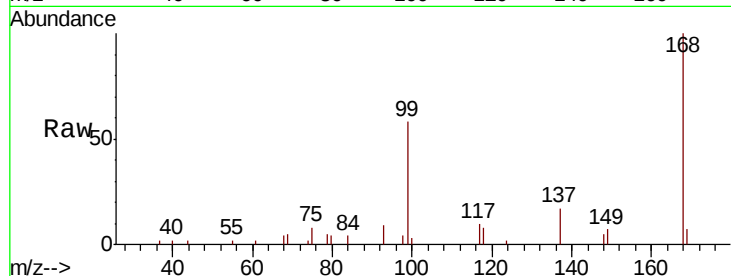
SP-1-BRE

Tot Ion:168 Resp: 59836

Ion Ratio Lower Upper

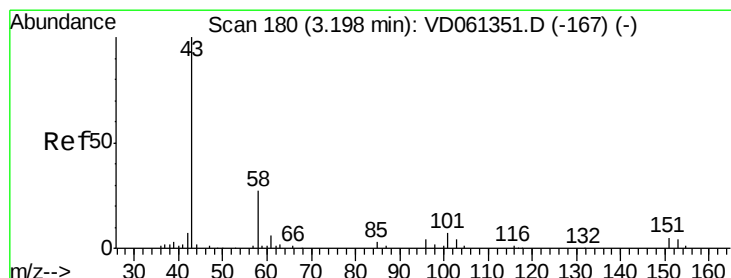
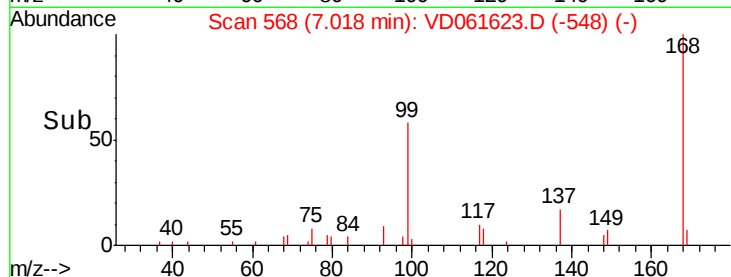
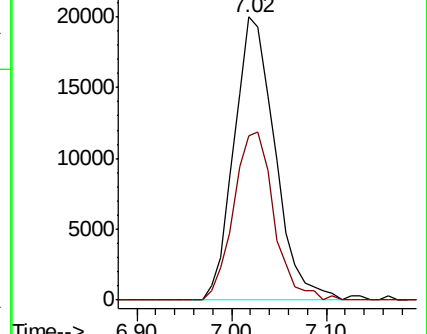
168 100

99 57.9 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 219.220 ug/l

RT: 3.20 min Scan# 180

Delta R.T. 0.00 min

Lab File: VD061623.D

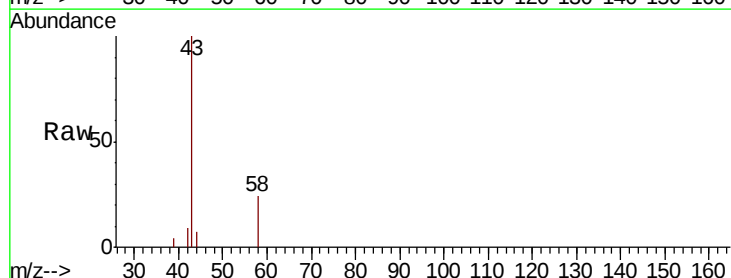
Acq: 5 Apr 2019 16:17

Tgt Ion: 43 Resp: 28805

Ion Ratio Lower Upper

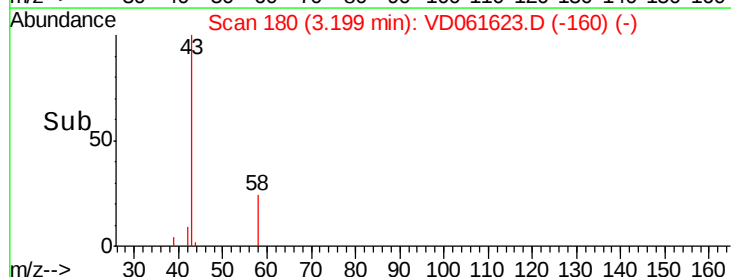
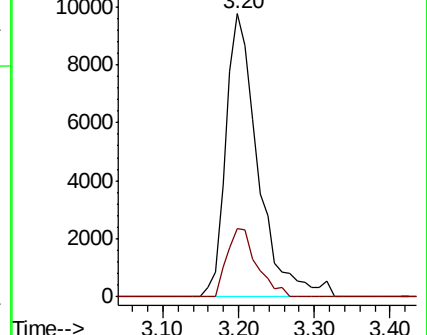
43 100

58 24.2 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methvlene Chloride

Concen: 11.358 ug/l

RT: 3.80 min Scan# 241

Delta R.T. 0.00 min

Lab File: VD061623.D

Acq: 5 Apr 2019 16:17

Instrument :

MSVOA_D

ClientSampleId :

SP-1-BRE

Tot Ion: 84 Resp: 9453

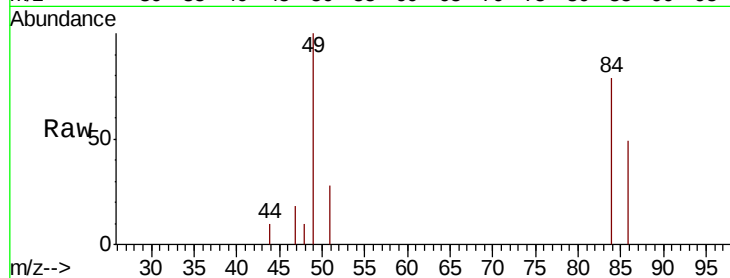
Ion Ratio Lower Upper

84 100

49 127.2 91.8 137.8

51 35.5 29.8 44.8

86 62.7 51.8 77.6

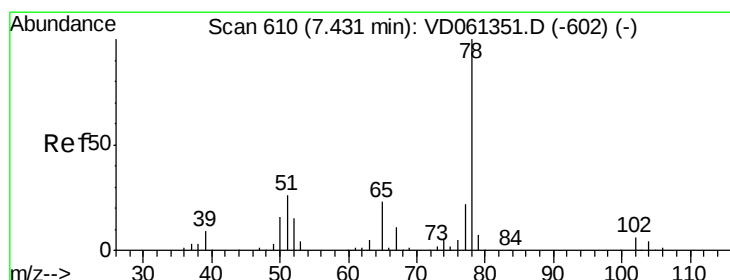
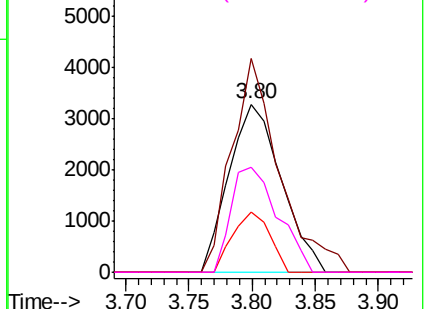
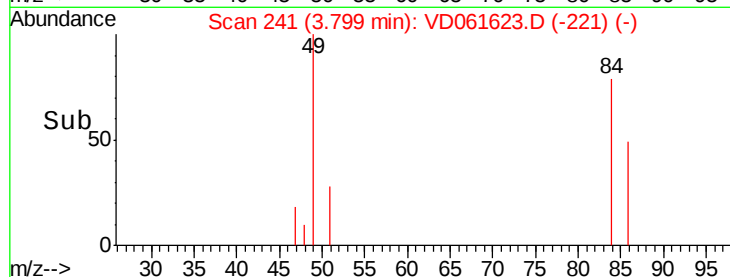


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: N.D. ug/l

RT: 7.43 min Scan# 610

Delta R.T. 0.00 min

Lab File: VD061623.D

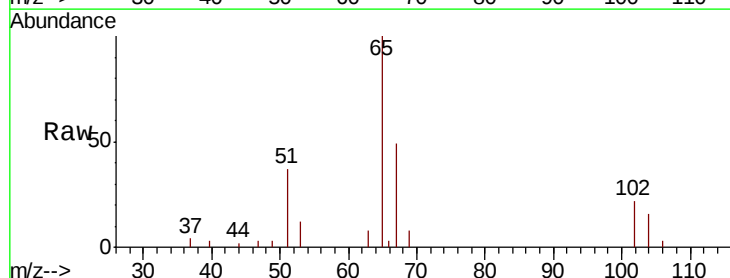
Acq: 5 Apr 2019 16:17

Tgt Ion: 65 Resp: 44769

Ion Ratio Lower Upper

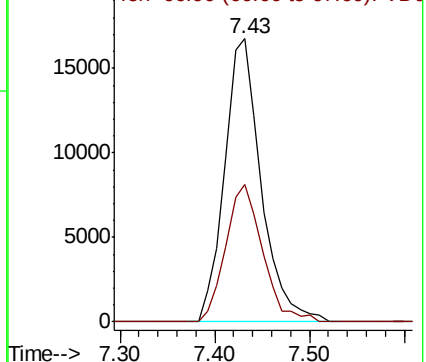
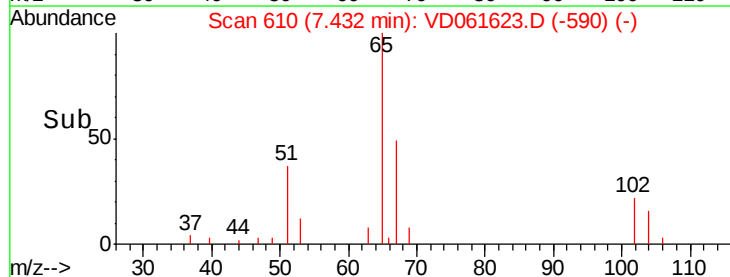
65 100

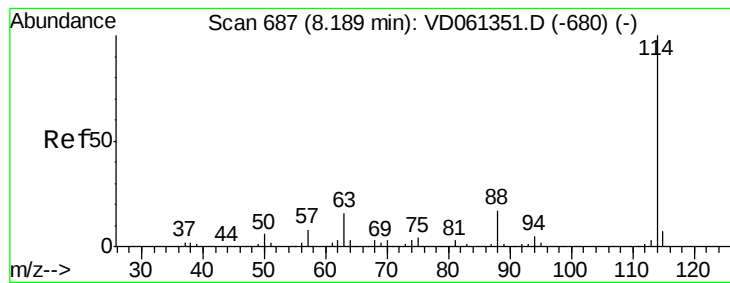
67 48.5 0.0 99.8



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: 8.20 min Scan# 688

Delta R.T. 0.01 min

Lab File: VD061623.D

Acq: 5 Apr 2019 16:17

Instrument :

MSVOA_D

ClientSampleId :

SP-1-BRE

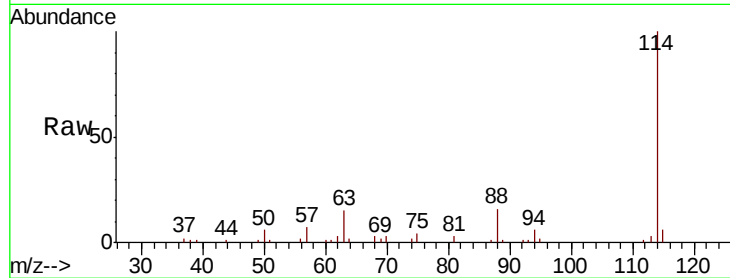
Tot Ion:114 Resp: 112182

Ion Ratio Lower Upper

114 100

63 15.1 0.0 31.6

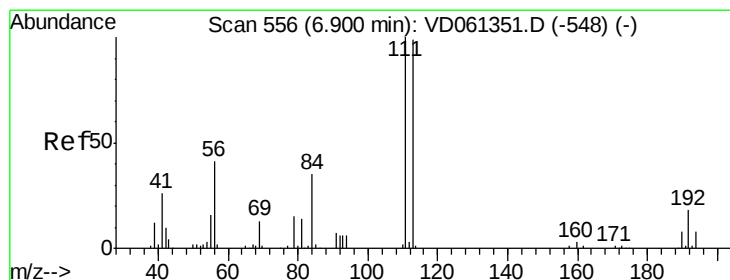
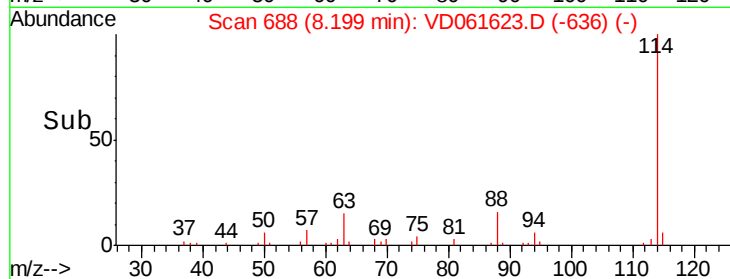
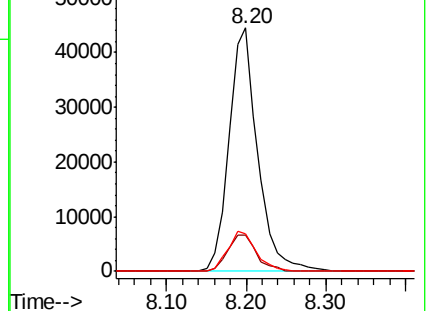
88 15.6 0.0 33.4



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: 6.90 min Scan# 556

Delta R.T. 0.00 min

Lab File: VD061623.D

Acq: 5 Apr 2019 16:17

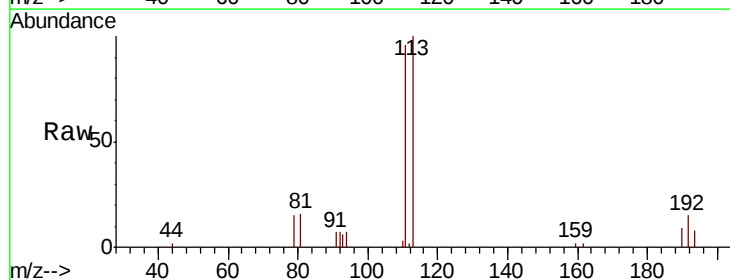
Tgt Ion:113 Resp: 50197

Ion Ratio Lower Upper

113 100

111 95.6 81.0 121.6

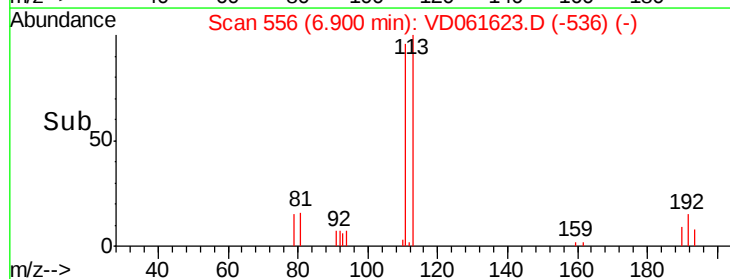
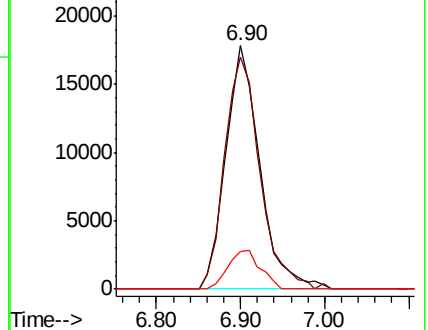
192 15.4 14.4 21.6

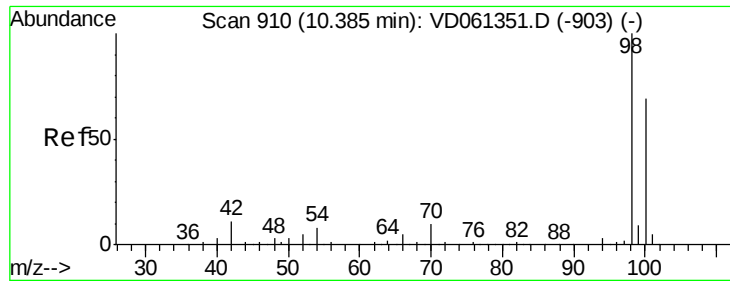


Abundance Ion 112.90 (112.60 to 113.60): V

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# 910

Delta R.T. 0.00 min

Lab File: VD061623.D

Acq: 5 Apr 2019 16:17

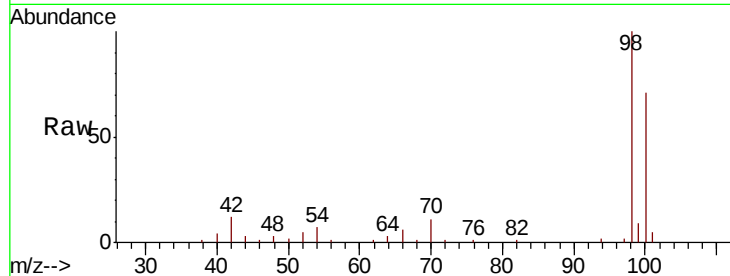
Instrument :
MSVOA_D
ClientSampleId :
SP-1-BRE

Tot Ion: 98 Resp: 96345

Ion Ratio Lower Upper

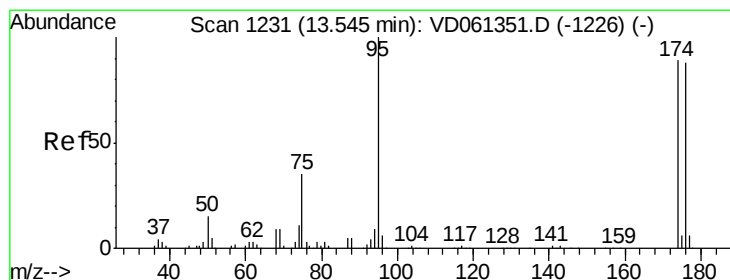
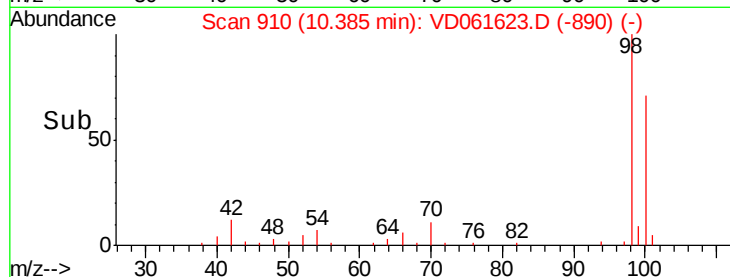
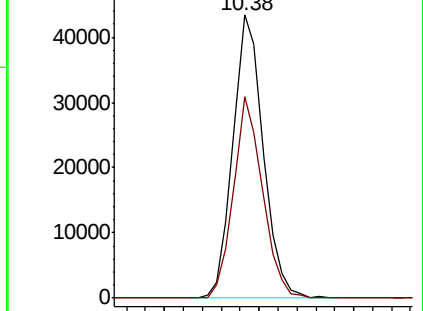
98 100

100 71.1 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# 1231

Delta R.T. 0.00 min

Lab File: VD061623.D

Acq: 5 Apr 2019 16:17

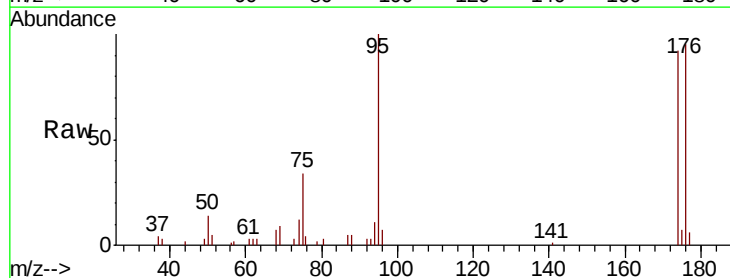
Tgt Ion: 95 Resp: 44999

Ion Ratio Lower Upper

95 100

174 92.3 0.0 178.0

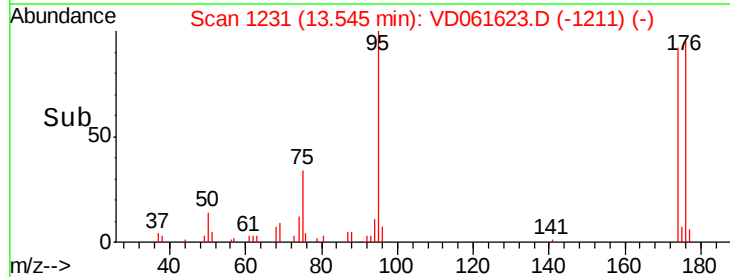
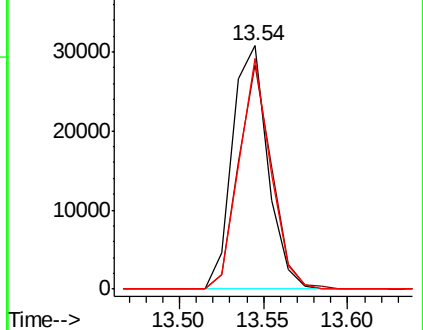
176 94.6 0.0 175.0

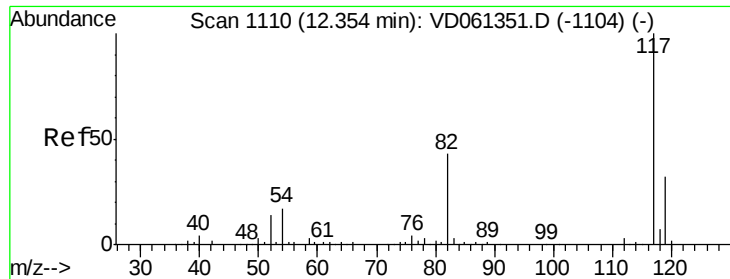


Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)

Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)

Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

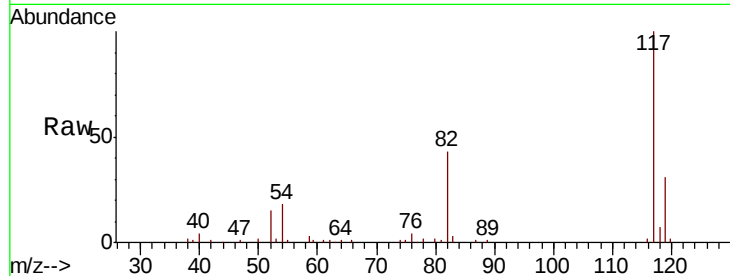




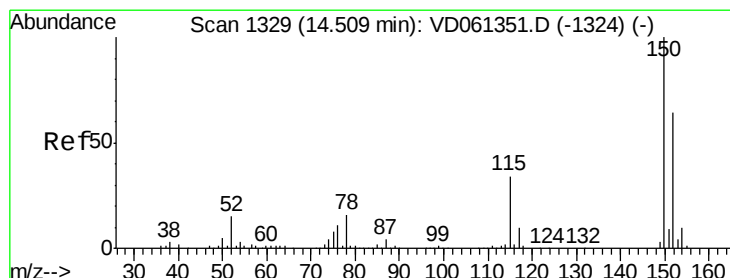
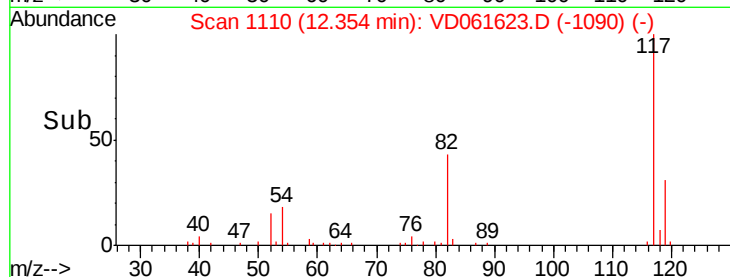
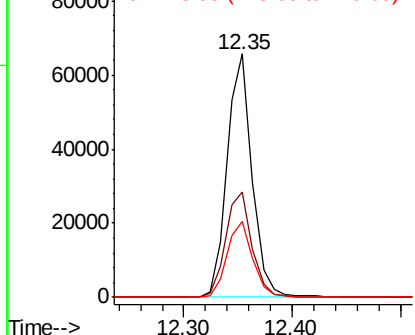
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VD061623.D
Acq: 5 Apr 2019 16:17

Instrument :
MSVOA_D
ClientSampleId :
SP-1-BRE

Tot Ion:117 Resp: 105511
Ion Ratio Lower Upper
117 100
82 43.3 34.4 51.6
119 31.4 25.8 38.6

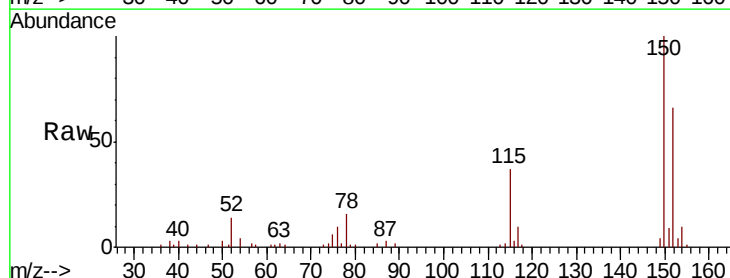


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. 0.00 min
Lab File: VD061623.D
Acq: 5 Apr 2019 16:17

Tgt Ion:152 Resp: 42877
Ion Ratio Lower Upper
152 100
115 55.9 26.9 80.6
150 151.9 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

