

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032719\
 Data File : VD061372.D
 Acq On : 28 Mar 2019 2:14
 Operator : VA/AP
 Sample : K1693-15
 Misc : 6.15g/5ml/MSVOA_D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-01-032519-B

Quant Time: Mar 28 05:52:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 02:13:53 2019
 Response via : Initial Calibration

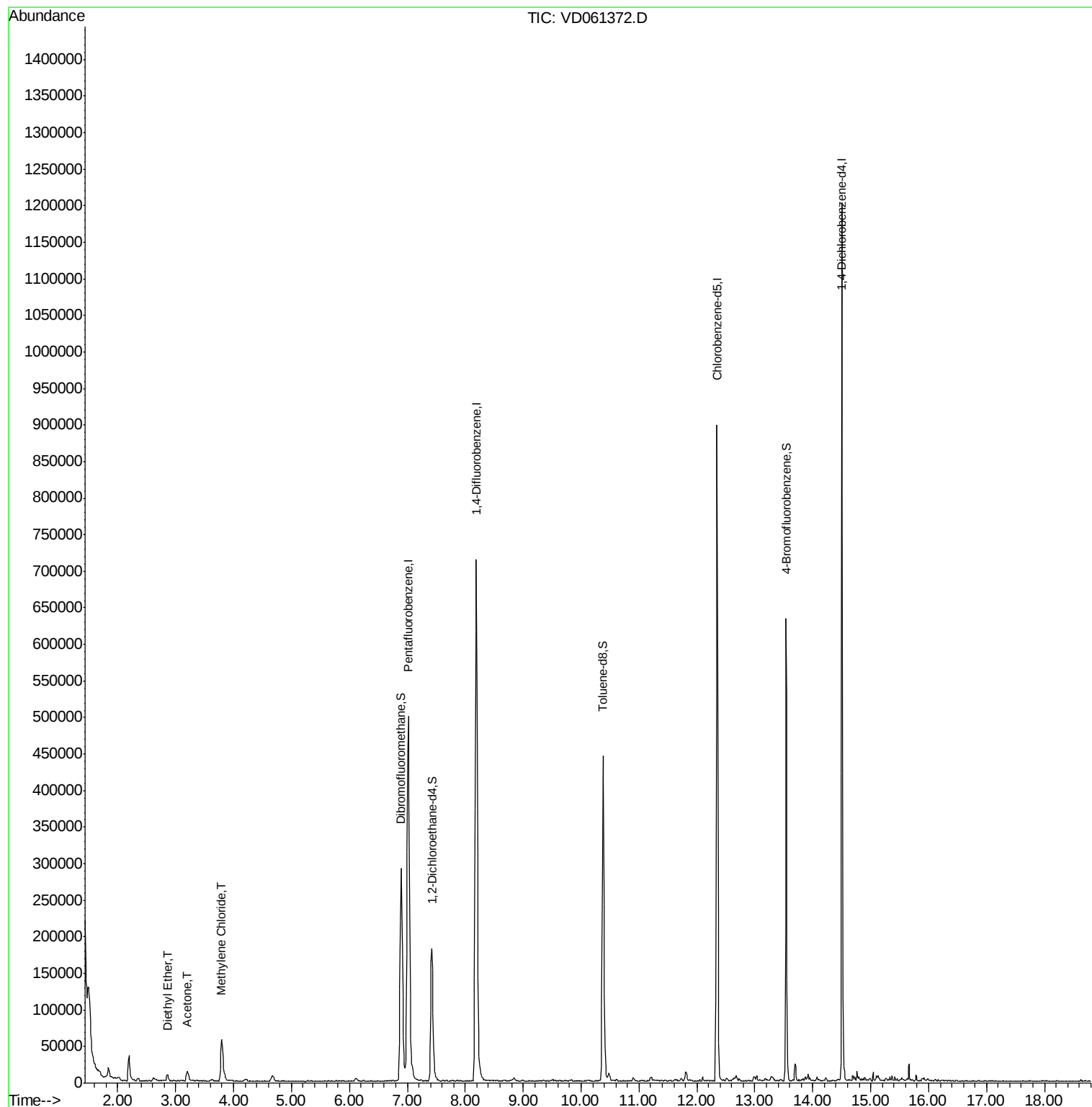
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	529101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	890744	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.34	117	557257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	277747	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	179072	39.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.24%	
35) Dibromofluoromethane	6.89	113	284574	41.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.62%	
50) Toluene-d8	10.38	98	384938	23.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	47.16%	
62) 4-Bromofluorobenzene	13.54	95	207356	33.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.24%	
Target Compounds						
8) Diethyl Ether	2.86	74	3543	1.788	ug/l	94
16) Acetone	3.20	43	28268	24.329	ug/l #	86
20) Methylene Chloride	3.80	84	44587	5.127	ug/l #	97

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

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Quant Title : SW846 8260
QLast Update : Thu Mar 28 02:13:53 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: VD061372.D

Acq: 28 Mar 2019 2:14

Instrument :

MSVOA_D

ClientSampleId :

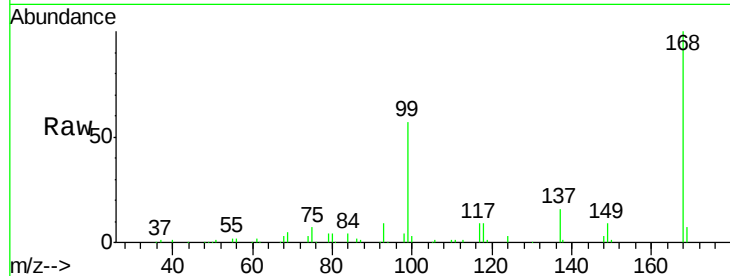
OR-01-032519-B

Tgt Ion:168 Resp: 529101

Ion Ratio Lower Upper

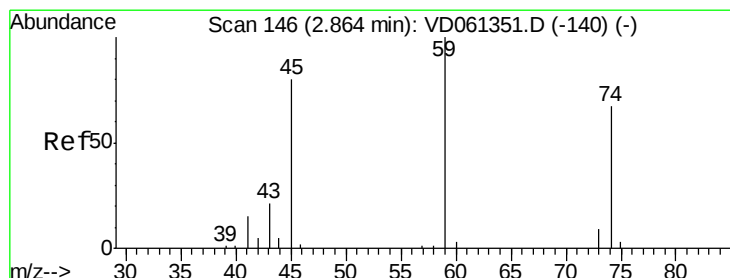
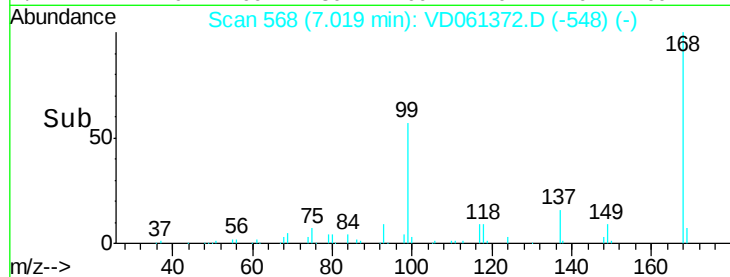
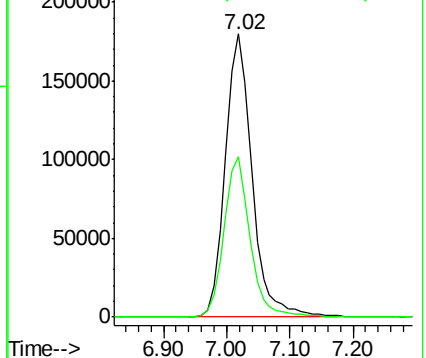
168 100

99 56.7 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#8

Diethyl Ether

Concen: 1.788 ug/l

RT: 2.86 min Scan# 146

Delta R.T. 0.00 min

Lab File: VD061372.D

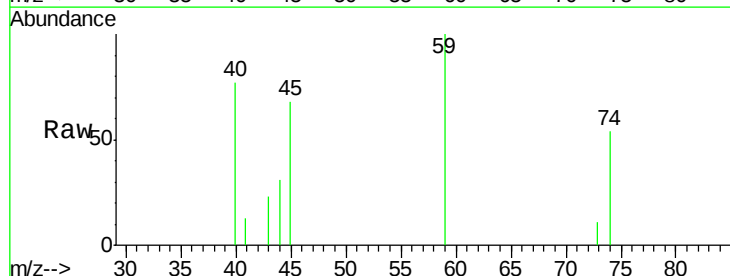
Acq: 28 Mar 2019 2:14

Tgt Ion: 74 Resp: 3543

Ion Ratio Lower Upper

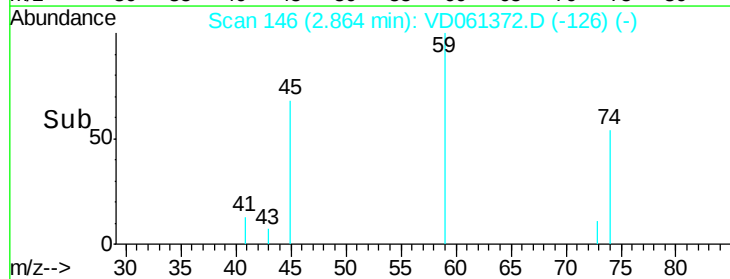
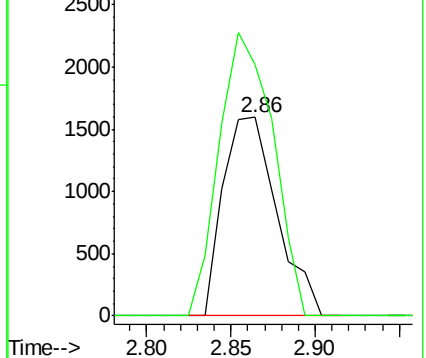
74 100

45 126.5 59.7 179.1



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC





#16

Acetone

Concen: 24.329 ug/l

RT: 3.20 min Scan# 180

Delta R.T. 0.00 min

Lab File: VD061372.D

Acq: 28 Mar 2019 2:14

Instrument :

MSVOA_D

ClientSampleId :

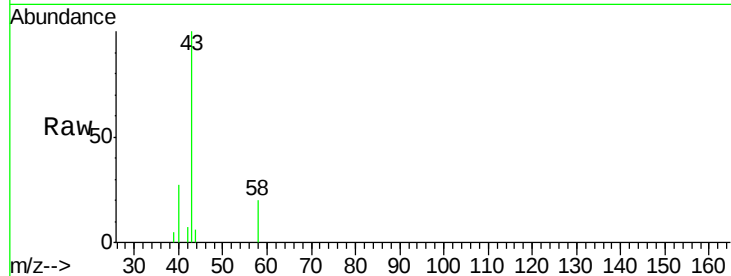
OR-01-032519-B

Tgt Ion: 43 Resp: 28268

Ion Ratio Lower Upper

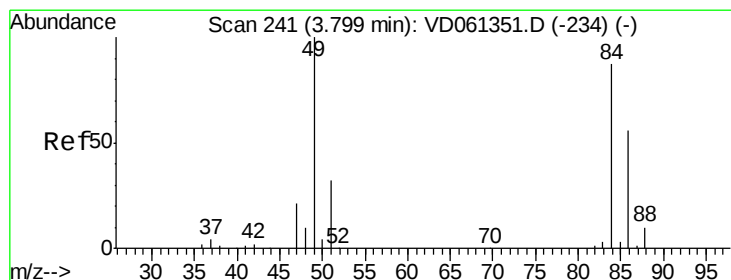
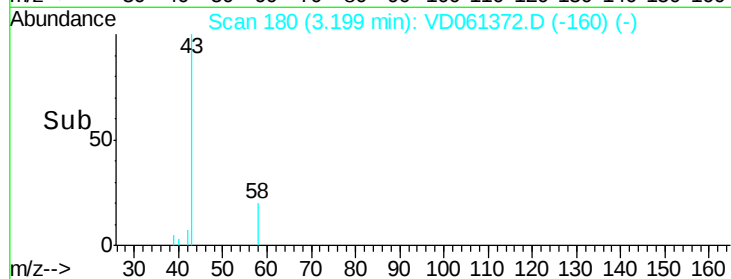
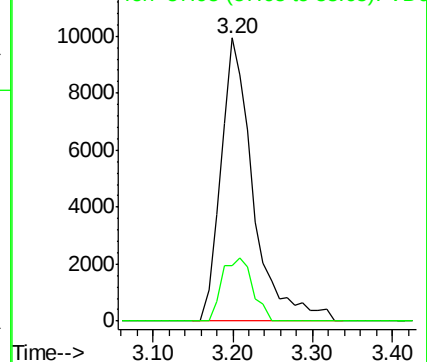
43 100

58 19.8 21.5 32.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 5.127 ug/l

RT: 3.80 min Scan# 241

Delta R.T. 0.00 min

Lab File: VD061372.D

Acq: 28 Mar 2019 2:14

Tgt Ion: 84 Resp: 44587

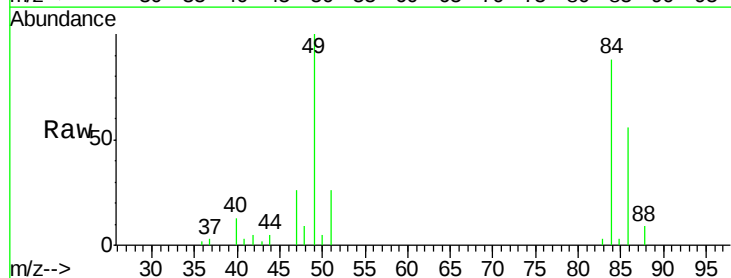
Ion Ratio Lower Upper

84 100

49 113.9 91.8 137.8

51 29.2 29.8 44.8#

86 63.8 51.8 77.6

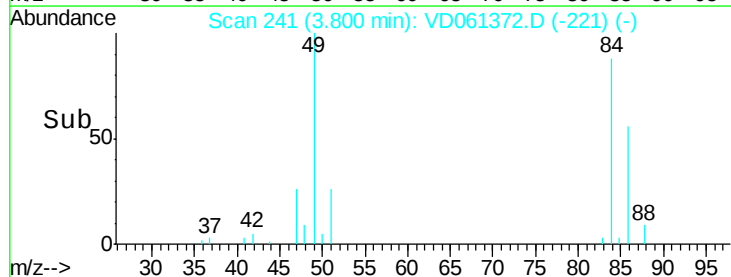
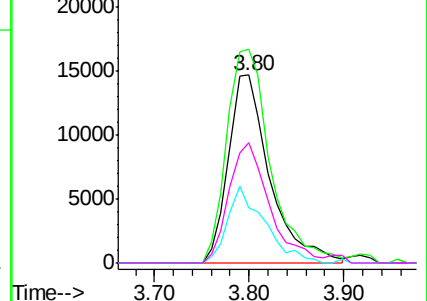


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 7.42 min Scan# 609

Delta R.T. -0.01 min

Lab File: VD061372.D

Acq: 28 Mar 2019 2:14

Instrument :

MSVOA_D

ClientSampleId :

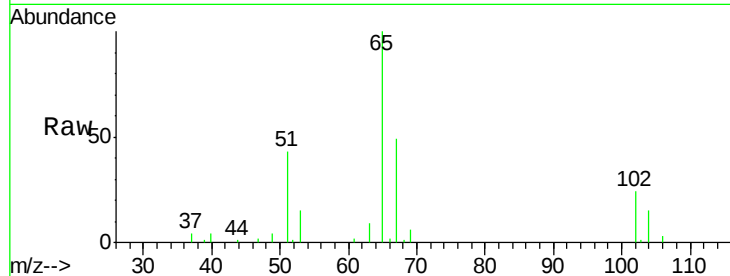
OR-01-032519-B

Tgt Ion: 65 Resp: 179072

Ion Ratio Lower Upper

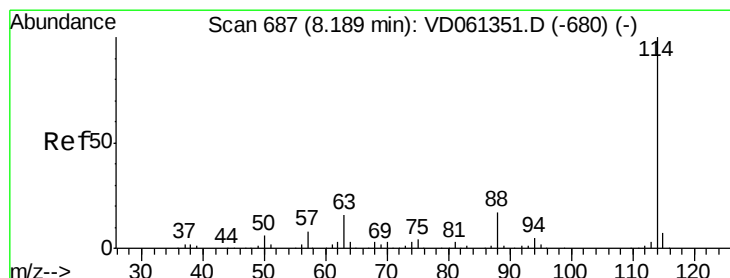
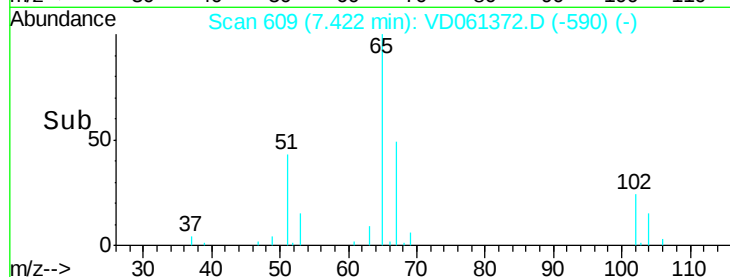
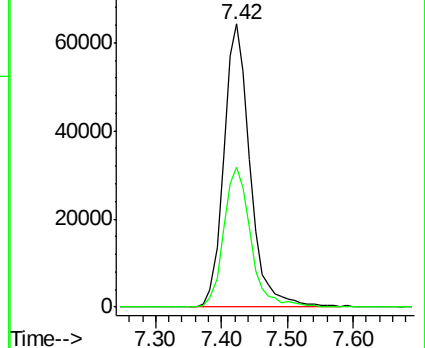
65 100

67 49.4 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: 8.19 min Scan# 687

Delta R.T. 0.00 min

Lab File: VD061372.D

Acq: 28 Mar 2019 2:14

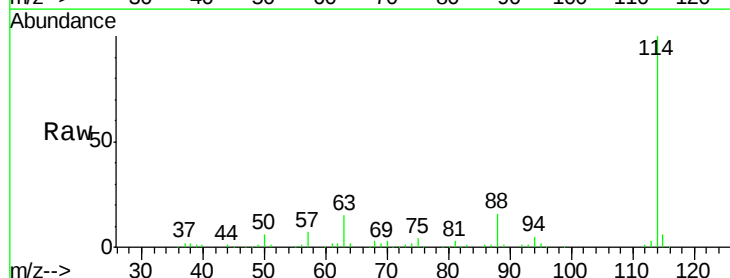
Tgt Ion: 114 Resp: 890744

Ion Ratio Lower Upper

114 100

63 14.6 0.0 31.6

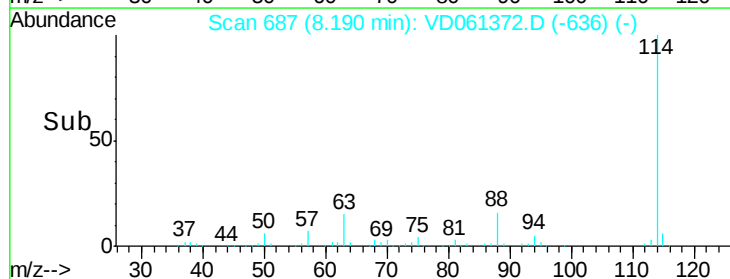
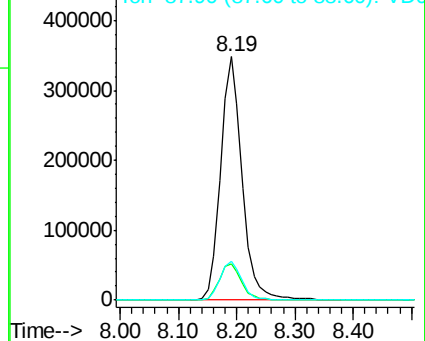
88 16.0 0.0 33.4



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: 50.000 ug/l

RT: 6.89 min Scan# 555

Delta R.T. -0.01 min

Lab File: VD061372.D

Acq: 28 Mar 2019 2:14

Instrument :

MSVOA_D

ClientSampleId :

OR-01-032519-B

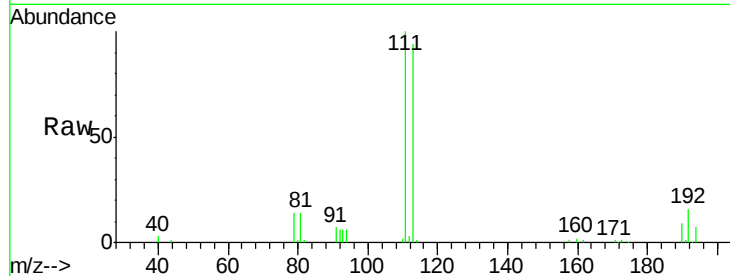
Tgt Ion:113 Resp: 284574

Ion Ratio Lower Upper

113 100

111 106.9 81.0 121.6

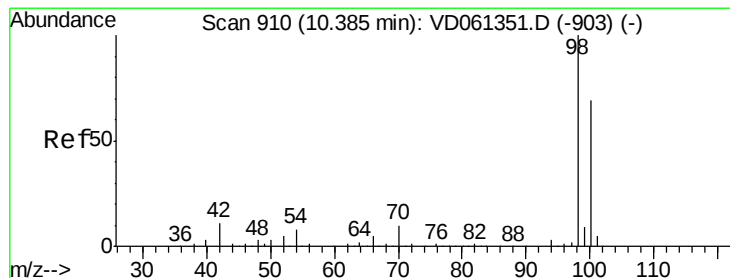
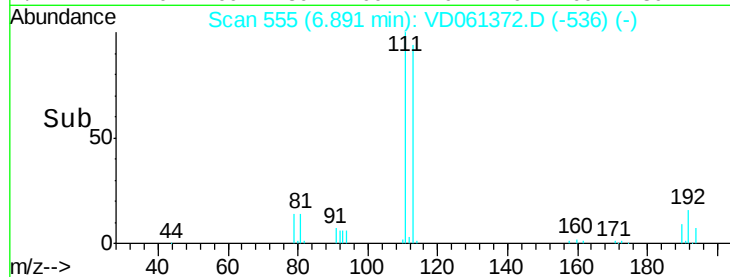
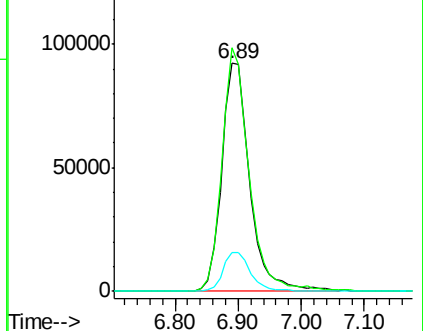
192 16.9 14.4 21.6



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: VD061372.D

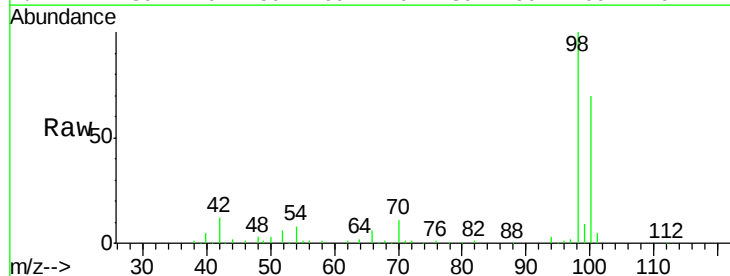
Acq: 28 Mar 2019 2:14

Tgt Ion: 98 Resp: 384938

Ion Ratio Lower Upper

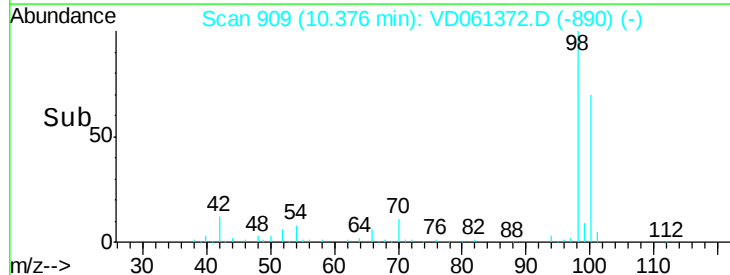
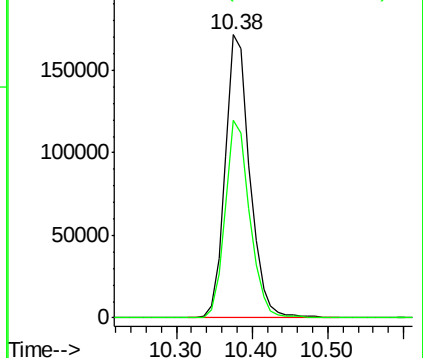
98 100

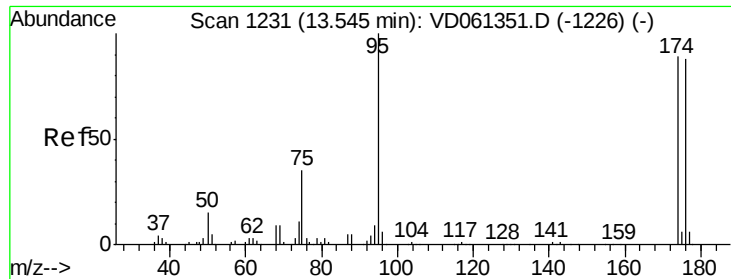
100 69.9 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

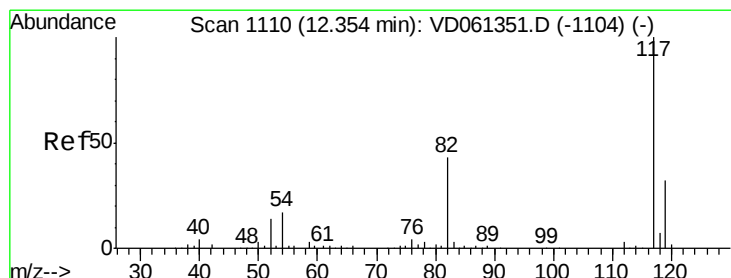
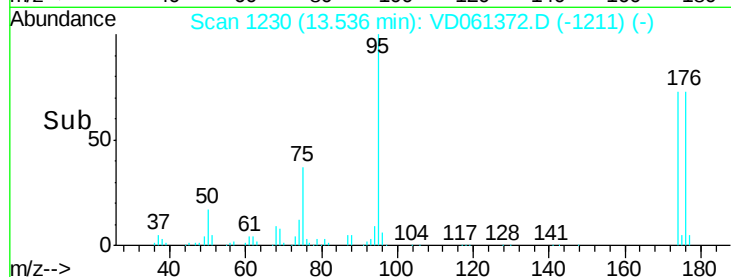
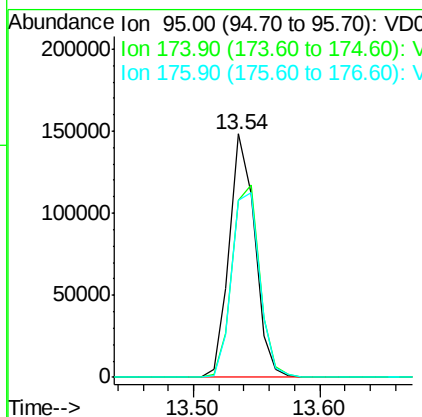
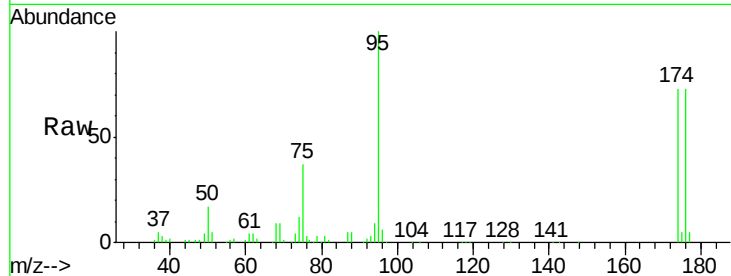




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1230
Delta R.T. -0.01 min
Lab File: VD061372.D
Acq: 28 Mar 2019 2:14

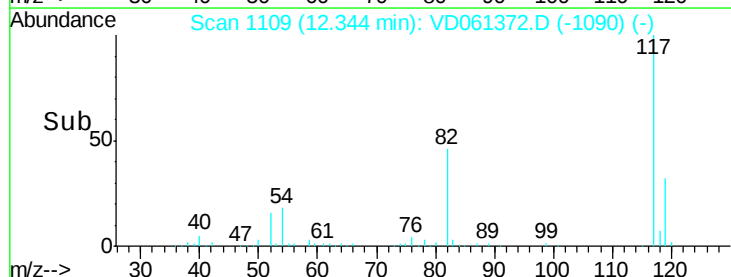
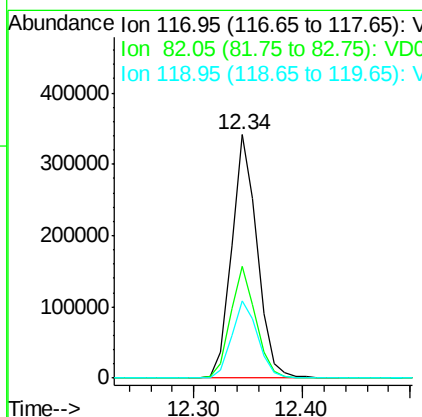
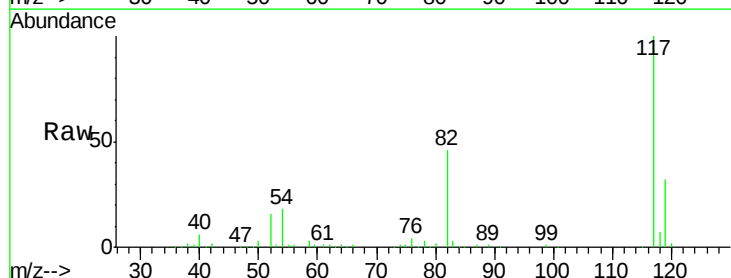
Instrument :
MSVOA_D
ClientSampleId :
OR-01-032519-B

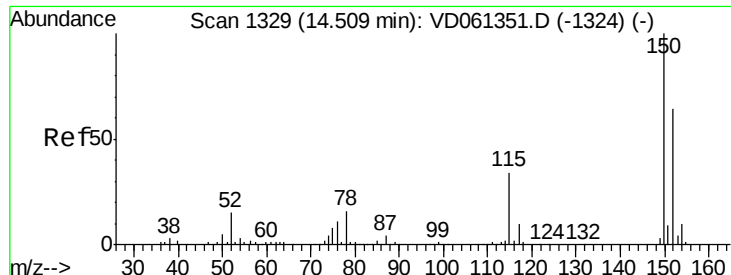
Tgt Ion: 95 Resp: 207356
Ion Ratio Lower Upper
95 100
174 73.0 0.0 178.0
176 72.8 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.34 min Scan# 1109
Delta R.T. -0.01 min
Lab File: VD061372.D
Acq: 28 Mar 2019 2:14

Tgt Ion: 117 Resp: 557257
Ion Ratio Lower Upper
117 100
82 45.9 34.4 51.6
119 31.8 25.8 38.6

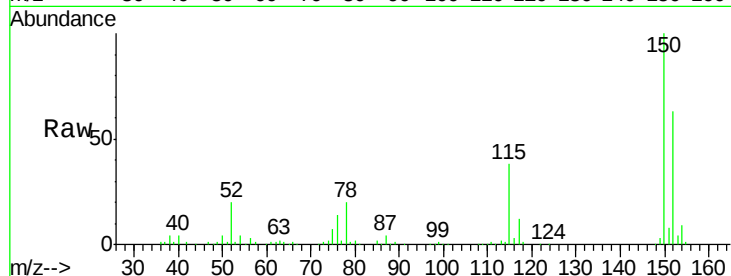




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.50 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: VD061372.D
 Acq: 28 Mar 2019 2:14

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-01-032519-B

Tgt Ion:152 Resp: 277747
 Ion Ratio Lower Upper
 152 100
 115 60.7 26.9 80.6
 150 159.2 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

