

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032019\
 Data File : VD061215.D
 Acq On : 20 Mar 2019 18:31
 Operator : VA/AP
 Sample : K2004-01
 Misc : 6.05g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-20(10-11)

Quant Time: Mar 22 03:13:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

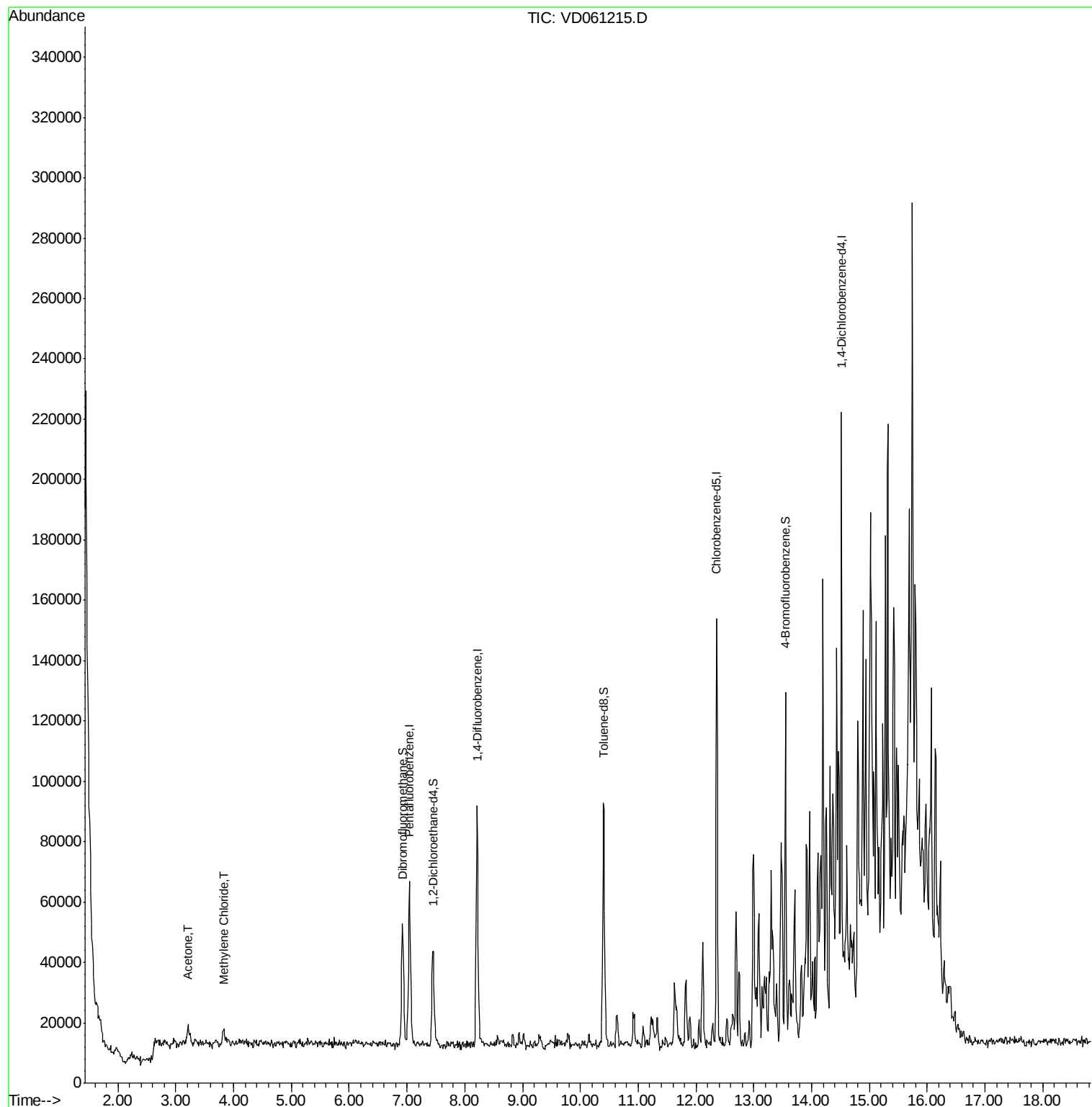
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	57177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	101983	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	88170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	35809	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	33381	70.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	140.28%	
35) Dibromofluoromethane	6.92	113	40693	53.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.54%	
50) Toluene-d8	10.40	98	79667	41.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.84%	
62) 4-Bromofluorobenzene	13.55	95	35545	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
Target Compounds						
16) Acetone	3.22	43	11220	82.441	ug/l	96
20) Methylene Chloride	3.82	84	5342	4.351	ug/l #	81

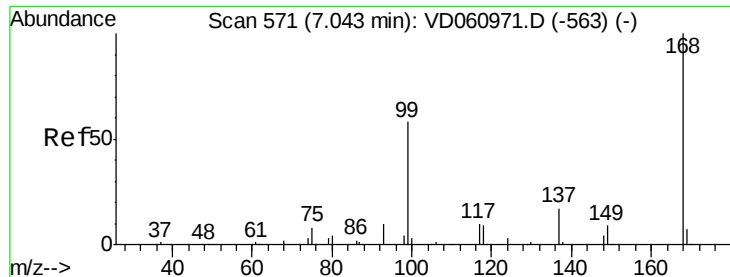
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD061215.D

Acq: 20 Mar 2019 18:31

Instrument :

MSVOA_D

ClientSampleId :

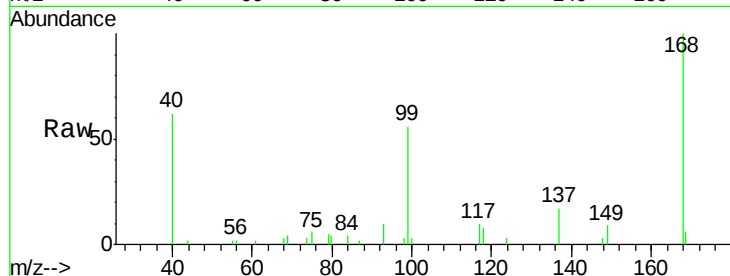
SB-20(10-11)

Tot Ion:168 Resp: 57177

Ion Ratio Lower Upper

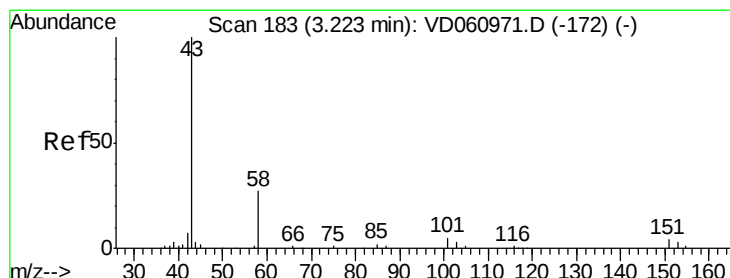
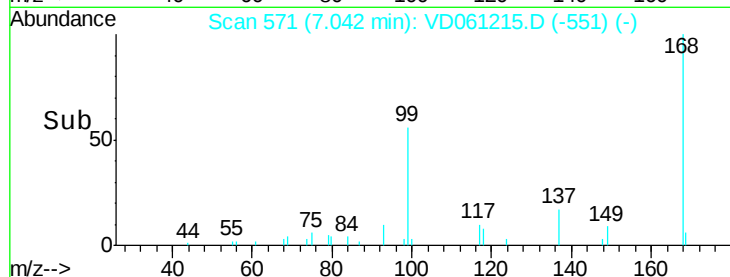
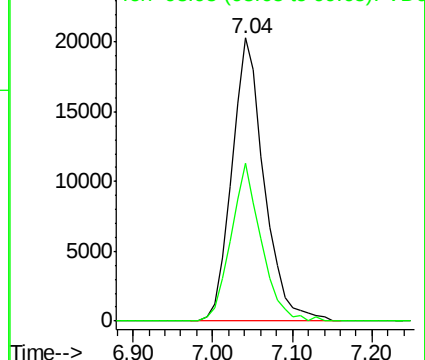
168 100

99 55.6 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 82.441 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD061215.D

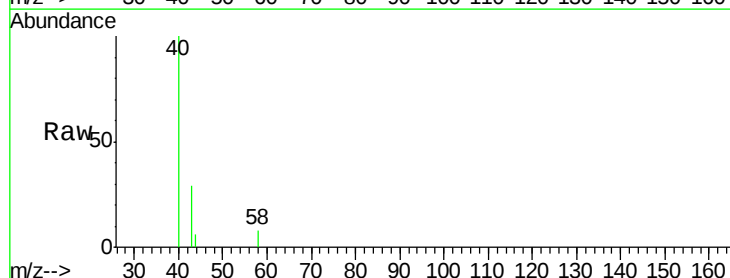
Acq: 20 Mar 2019 18:31

Tgt Ion: 43 Resp: 11220

Ion Ratio Lower Upper

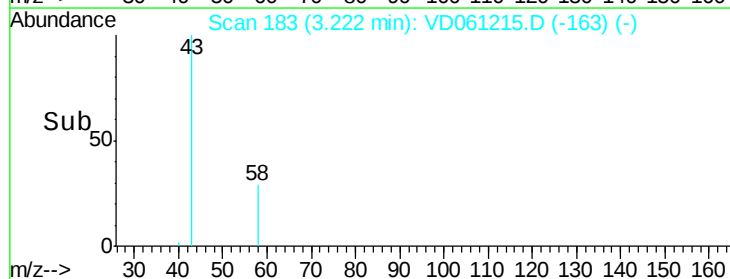
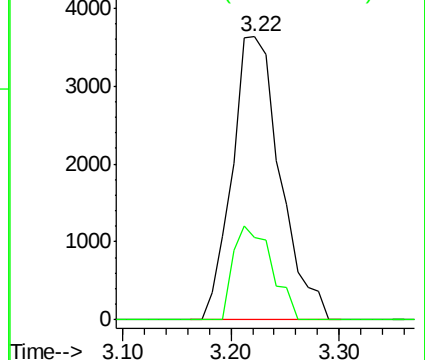
43 100

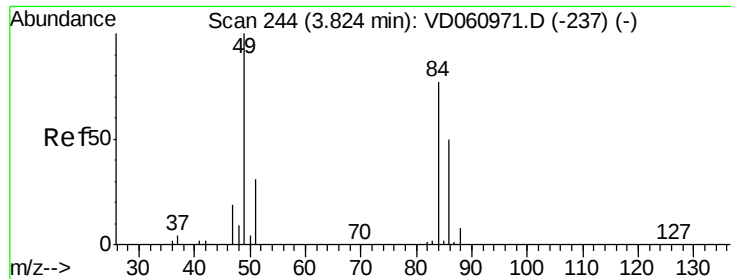
58 29.3 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

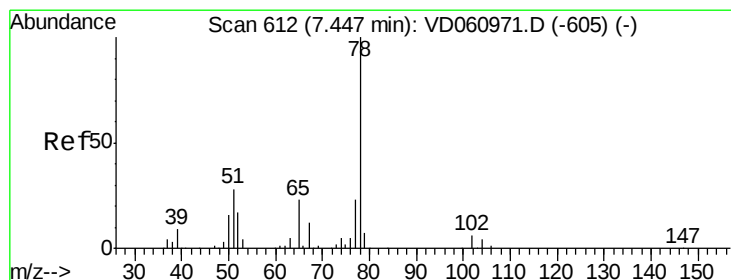
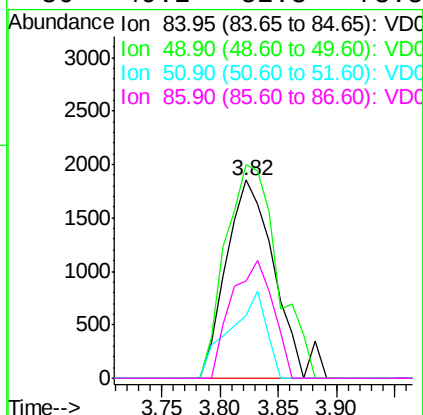
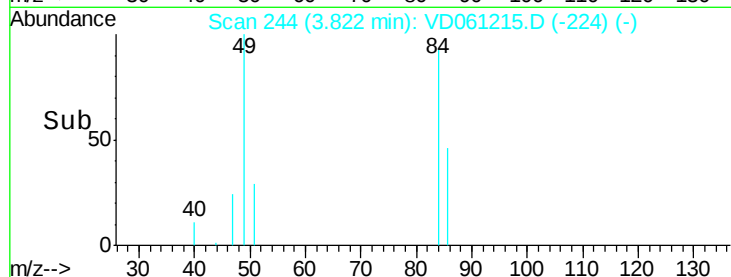
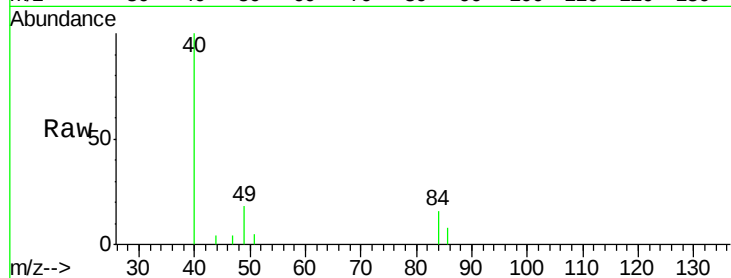




#20
Methvlene Chloride
Concen: 4.351 ug/l
RT: 3.82 min Scan# 244
Delta R.T. -0.00 min
Lab File: VD061215.D
Acq: 20 Mar 2019 18:31

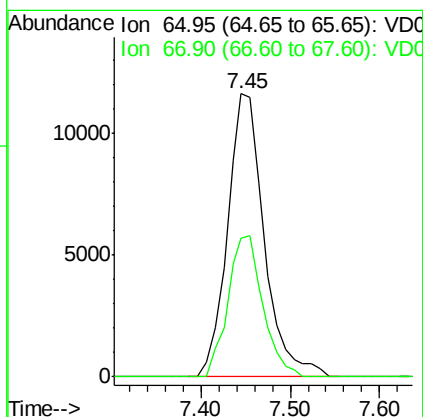
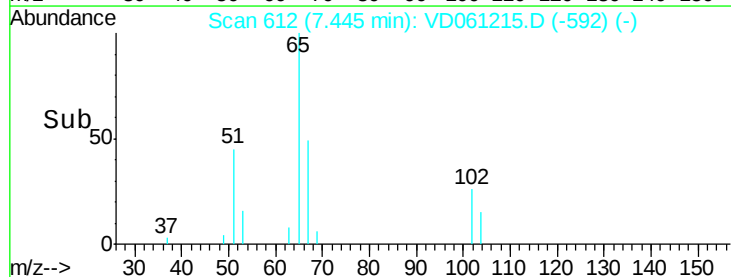
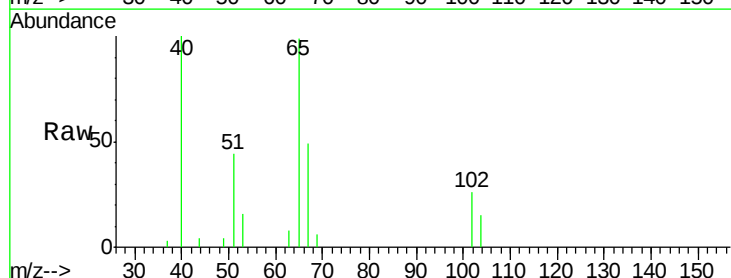
Instrument :
MSVOA_D
ClientSampleId :
SB-20(10-11)

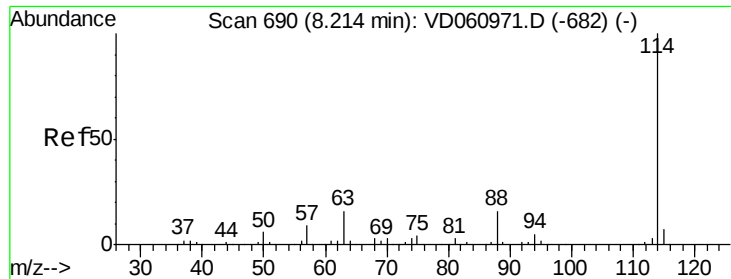
Tot Ion: 84 Resp: 5342
Ion Ratio Lower Upper
84 100
49 107.8 104.2 156.2
51 31.6 32.3 48.5#
86 49.2 52.3 78.5#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.00 min
Lab File: VD061215.D
Acq: 20 Mar 2019 18:31

Tgt Ion: 65 Resp: 33381
Ion Ratio Lower Upper
65 100
67 49.2 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD061215.D

Acq: 20 Mar 2019 18:31

Instrument :

MSVOA_D

ClientSampleId :

SB-20(10-11)

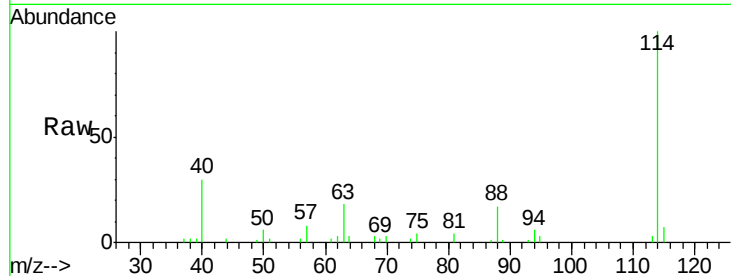
Tot Ion:114 Resp: 101983

Ion Ratio Lower Upper

114 100

63 17.8 0.0 31.4

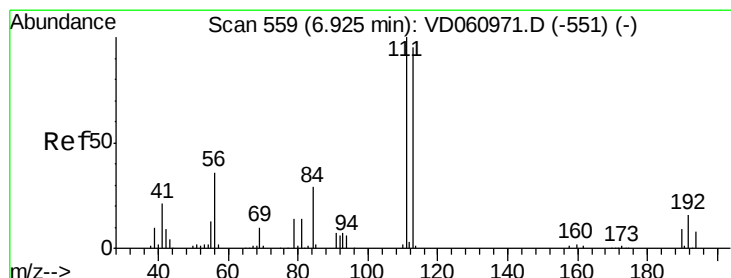
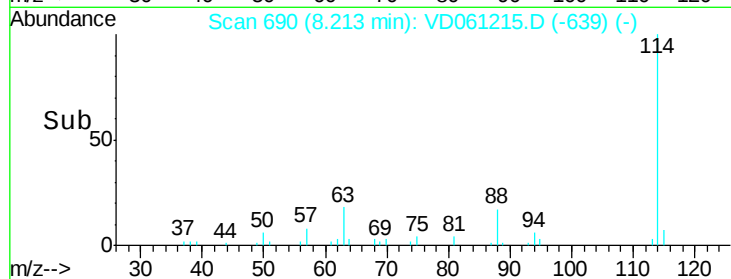
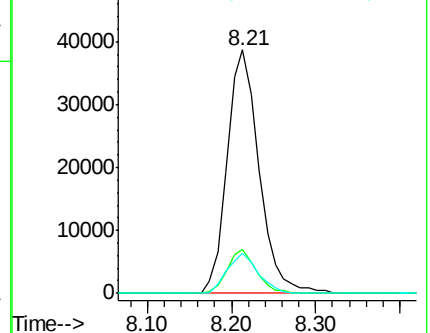
88 16.7 0.0 33.0



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: 6.92 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD061215.D

Acq: 20 Mar 2019 18:31

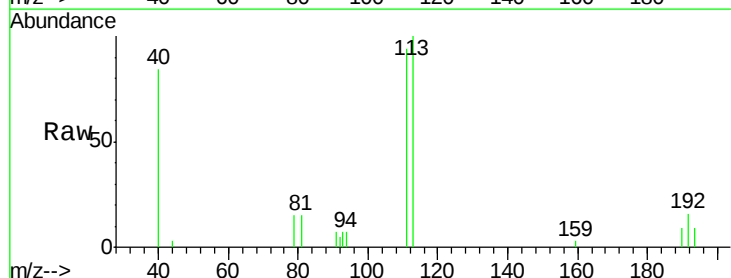
Tgt Ion:113 Resp: 40693

Ion Ratio Lower Upper

113 100

111 94.0 84.2 126.4

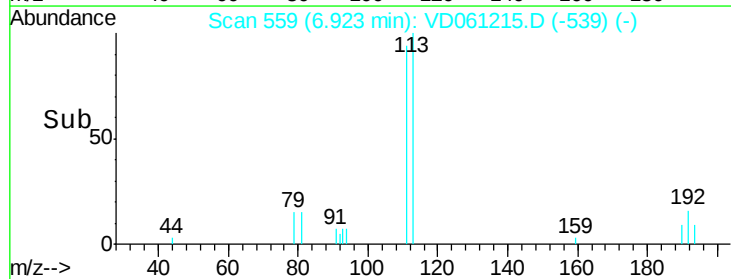
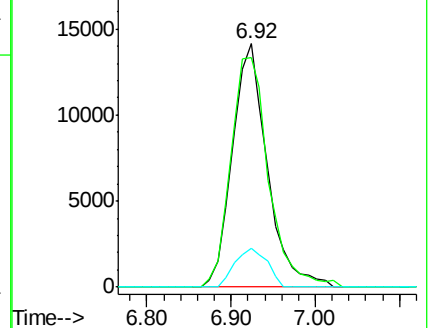
192 16.1 13.1 19.7

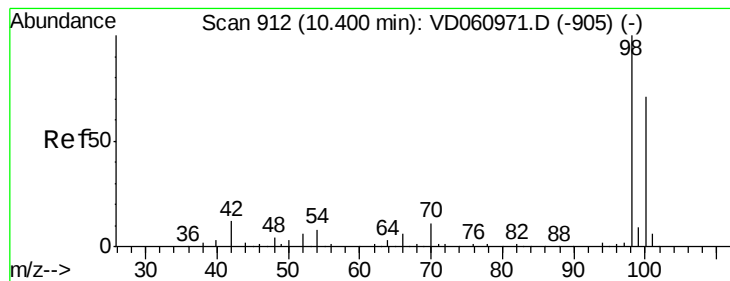


Abundance Ion 112.90 (112.60 to 113.60): V

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: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD061215.D

Acq: 20 Mar 2019 18:31

Instrument :

MSVOA_D

ClientSampleId :

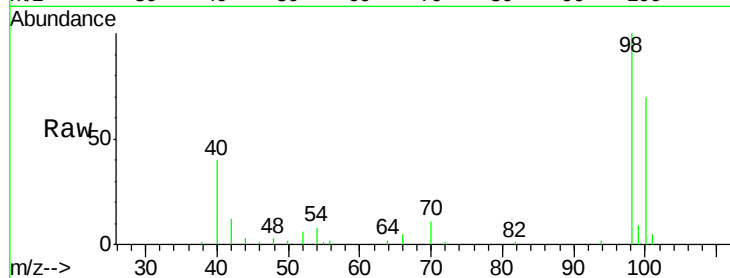
SB-20(10-11)

Tot Ion: 98 Resp: 79667

Ion Ratio Lower Upper

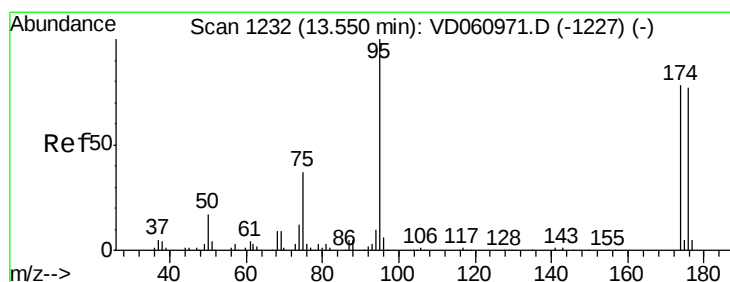
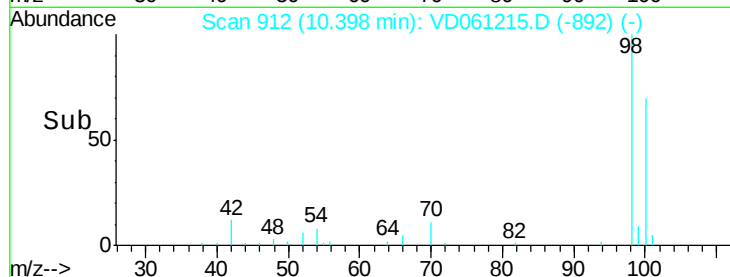
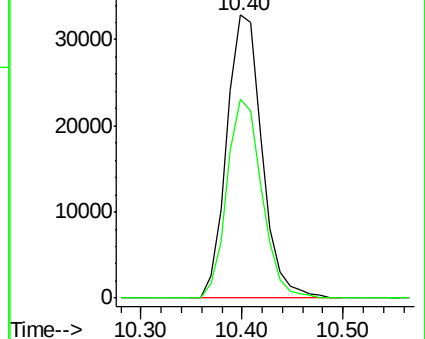
98 100

100 70.1 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061215.D

Acq: 20 Mar 2019 18:31

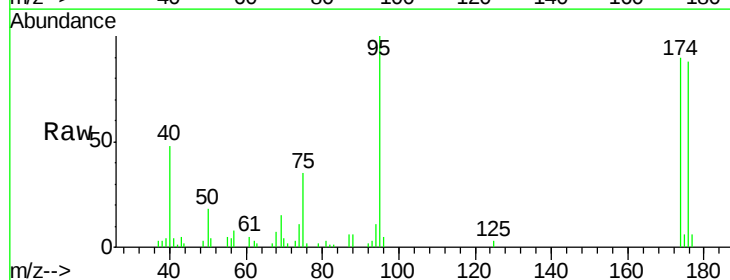
Tgt Ion: 95 Resp: 35545

Ion Ratio Lower Upper

95 100

174 90.1 0.0 155.6

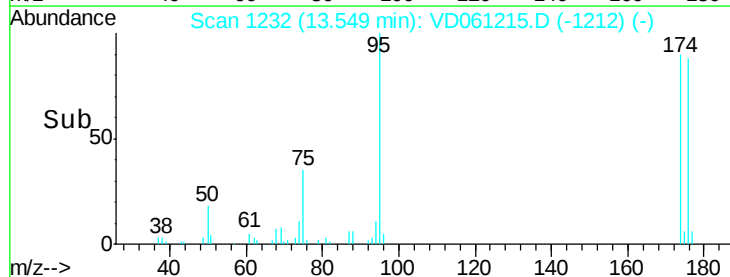
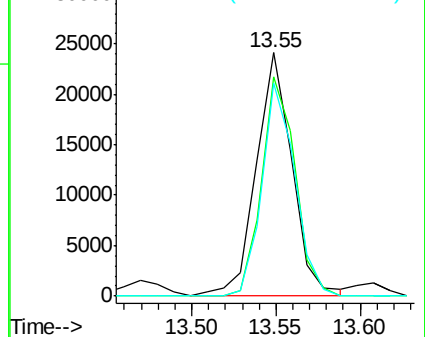
176 87.6 0.0 153.8

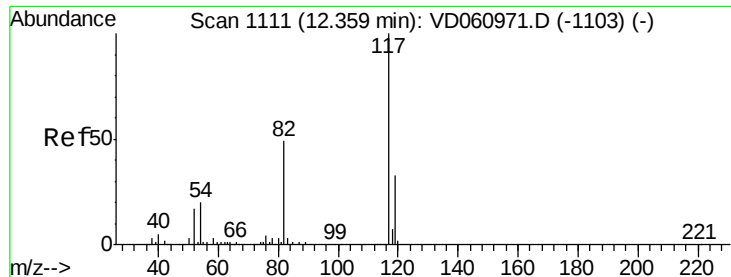


Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

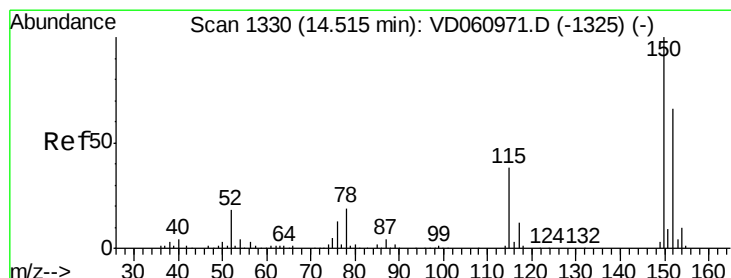
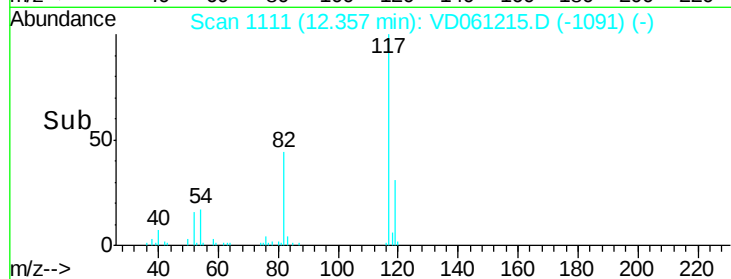
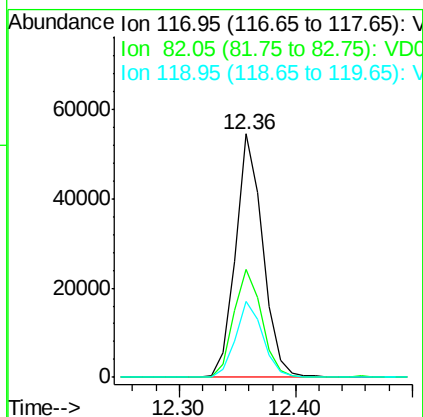
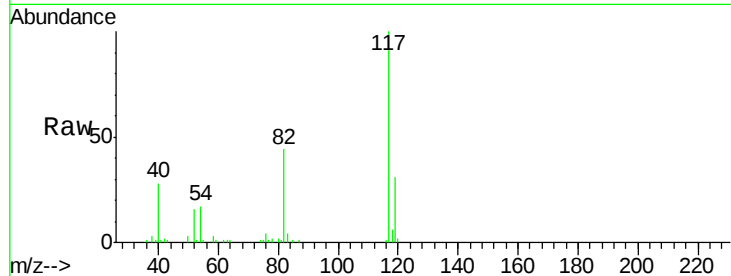




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061215.D
Acq: 20 Mar 2019 18:31

Instrument :
MSVOA_D
ClientSampleId :
SB-20(10-11)

Tot Ion:117 Resp: 88170
Ion Ratio Lower Upper
117 100
82 44.1 38.9 58.3
119 31.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061215.D
Acq: 20 Mar 2019 18:31

Tgt Ion:152 Resp: 35809
Ion Ratio Lower Upper
152 100
115 58.8 28.6 85.9
150 156.5 0.0 310.6

