

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031419\
 Data File : VD061065.D
 Acq On : 14 Mar 2019 15:26
 Operator : VA/AP
 Sample : K1901-01
 Misc : 2.73g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1(0.5-1.5)

Quant Time: Mar 15 03:23:34 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

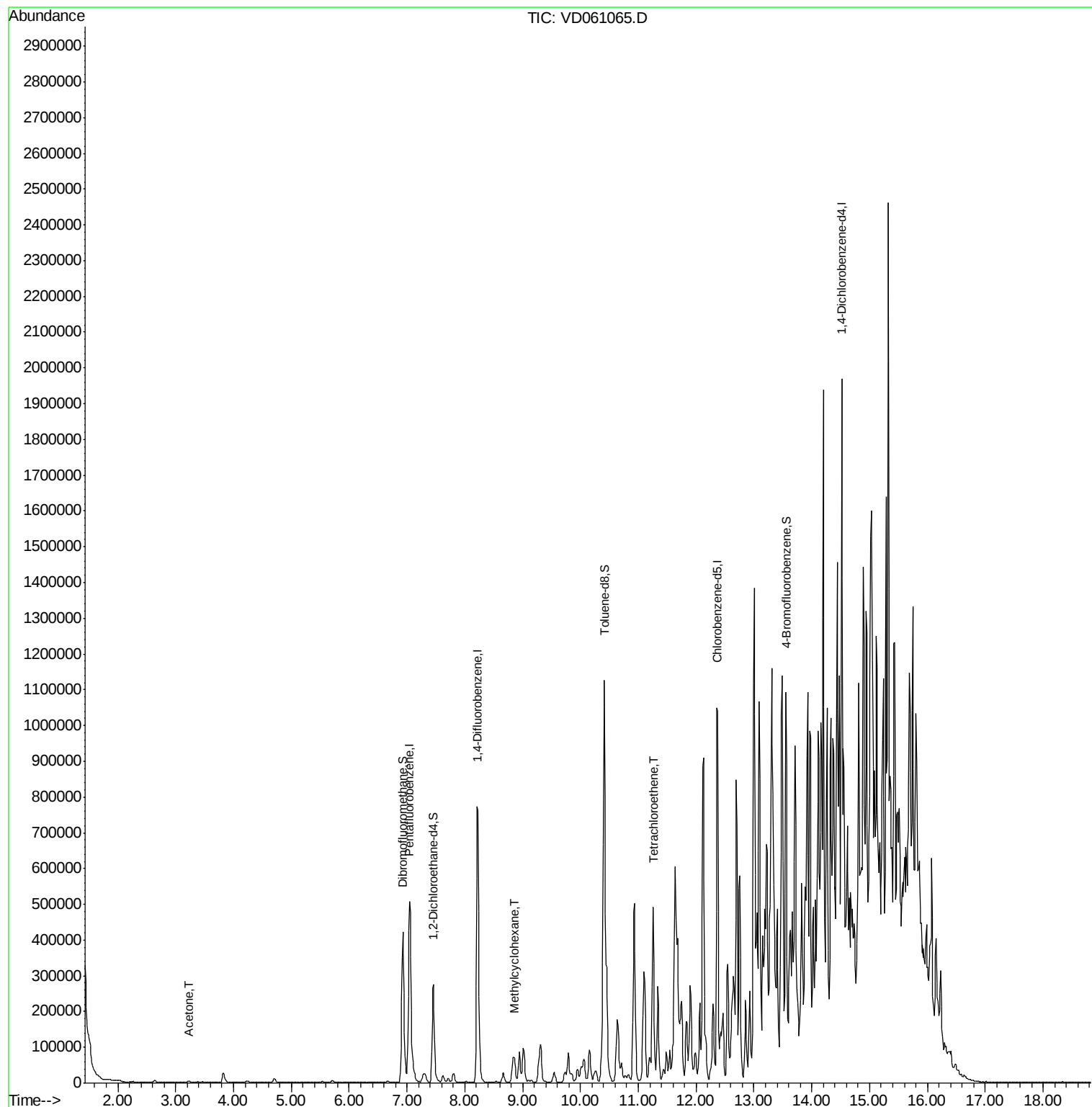
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	543014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	978658	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	685442	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	225180	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	266718	59.01	ug/l	0.01
Spiked Amount 50.000			Recovery	=	118.02%	
35) Dibromofluoromethane	6.93	113	403325	55.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.06%	
50) Toluene-d8	10.41	98	885544	48.55	ug/l	0.01
Spiked Amount 50.000			Recovery	=	97.10%	
62) 4-Bromofluorobenzene	13.55	95	267133	37.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.50%	
Target Compounds						
16) Acetone	3.23	43	8648	6.691	ug/l	91
39) Methylcyclohexane	8.87	83	34469	3.941	ug/l #	82
64) Tetrachloroethene	11.26	164	116430	25.163	ug/l	96

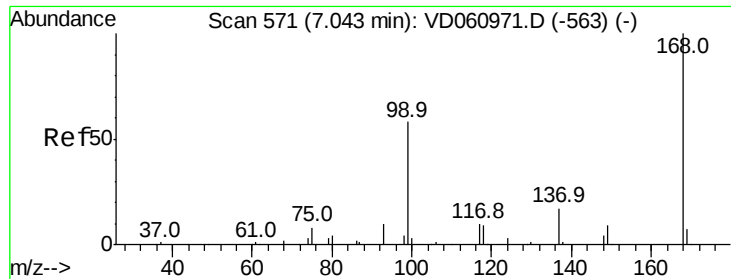
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 15 03:23:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD061065.D

Acq: 14 Mar 2019 15:26

Instrument :

MSVOA_D

ClientSampleId :

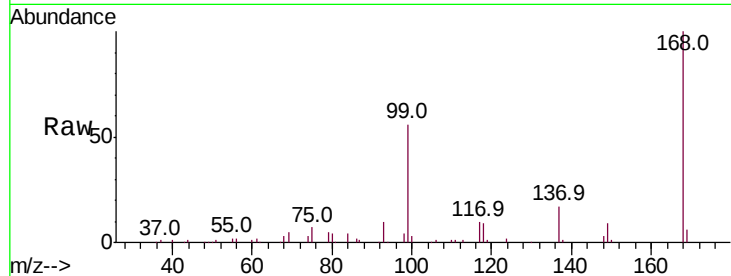
SB-1(0.5-1.5)

Tot Ion:168 Resp: 543014

Ion Ratio Lower Upper

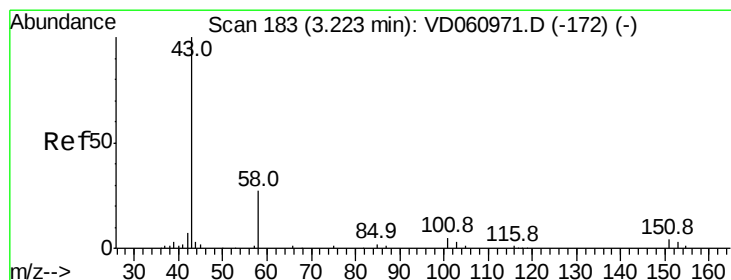
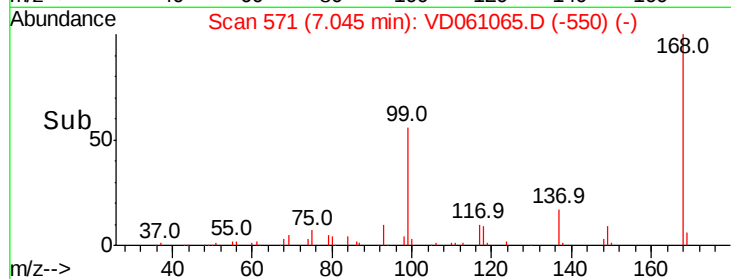
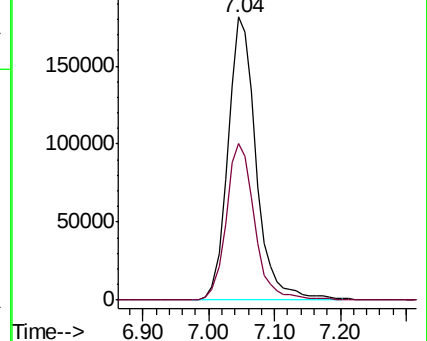
168 100

99 55.5 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: 6.691 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD061065.D

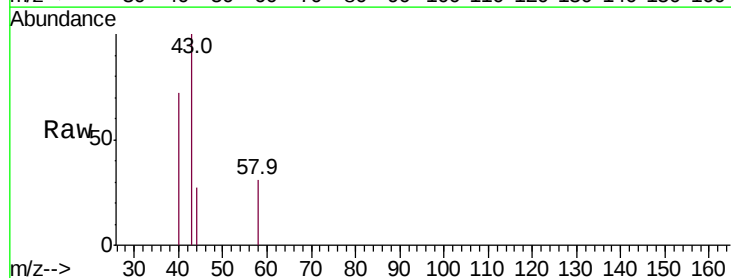
Acq: 14 Mar 2019 15:26

Tgt Ion: 43 Resp: 8648

Ion Ratio Lower Upper

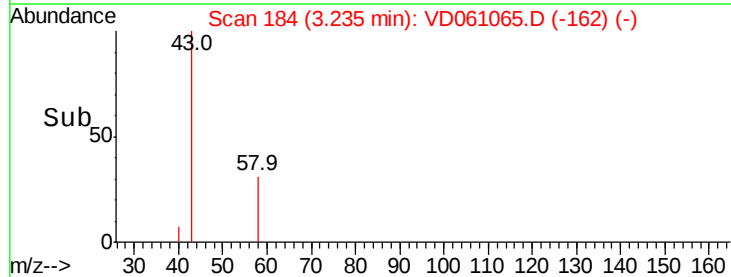
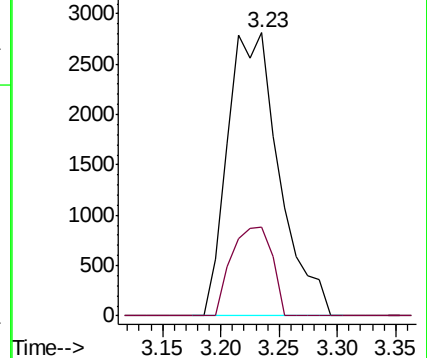
43 100

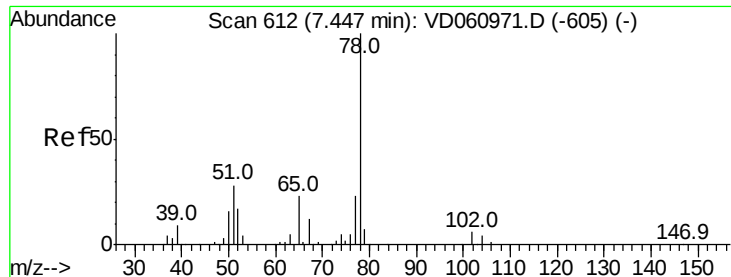
58 31.4 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061065.D

Acq: 14 Mar 2019 15:26

Instrument :

MSVOA_D

ClientSampleId :

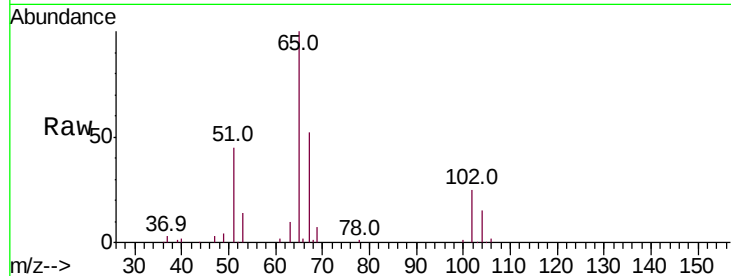
SB-1(0.5-1.5)

Tot Ion: 65 Resp: 266718

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

100000

80000

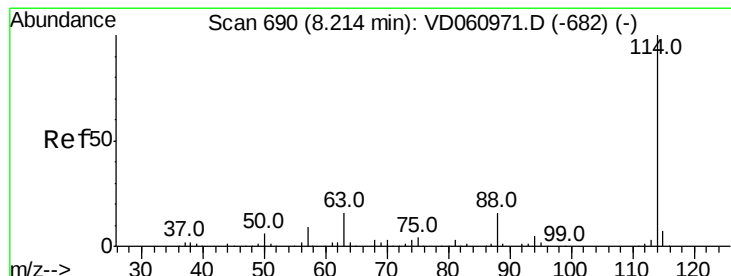
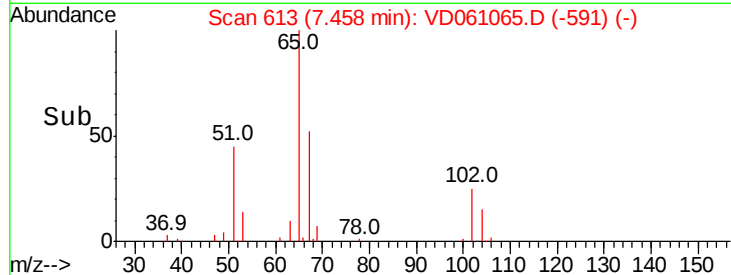
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD061065.D

Acq: 14 Mar 2019 15:26

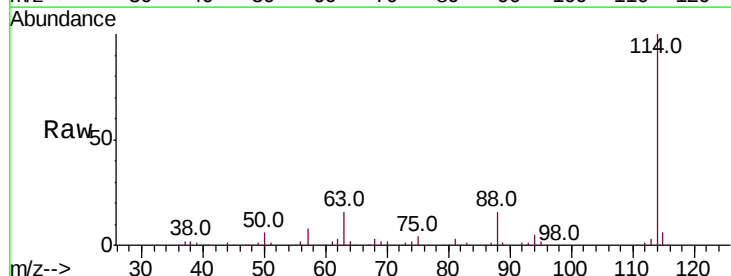
Tgt Ion:114 Resp: 978658

Ion Ratio Lower Upper

114 100

63 15.8 0.0 31.4

88 16.1 0.0 33.0



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

500000

400000

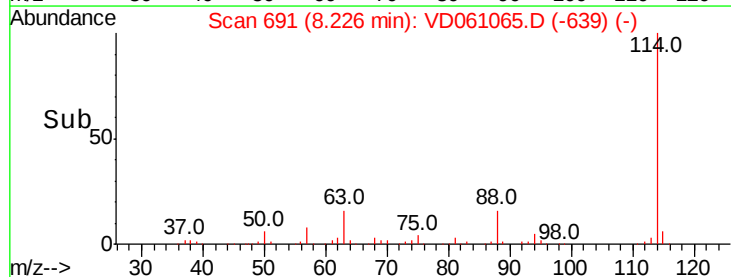
300000

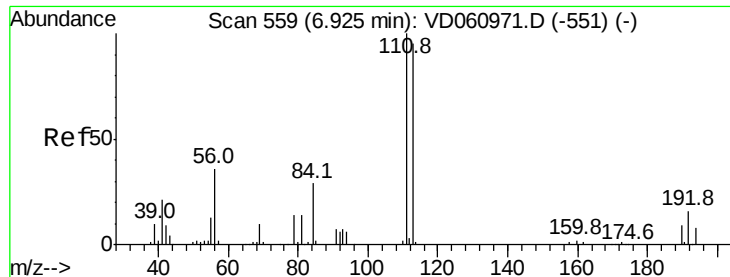
200000

100000

0

Time--> 8.10 8.20 8.30 8.40 8.50

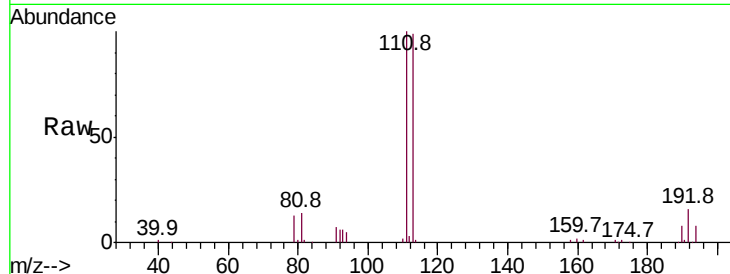




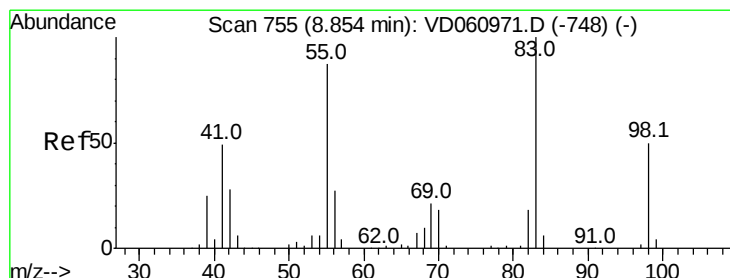
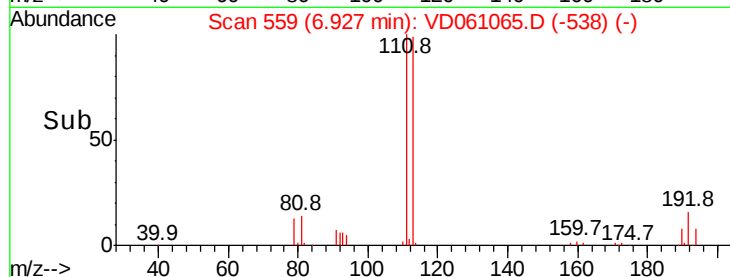
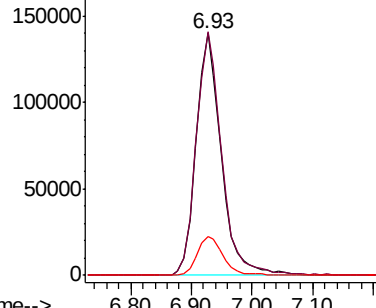
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.93 min Scan# 559
Delta R.T. 0.00 min
Lab File: VD061065.D
Acq: 14 Mar 2019 15:26

Instrument :
MSVOA_D
ClientSampleId :
SB-1(0.5-1.5)

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.7	84.2	126.4
192	16.1	13.1	19.7

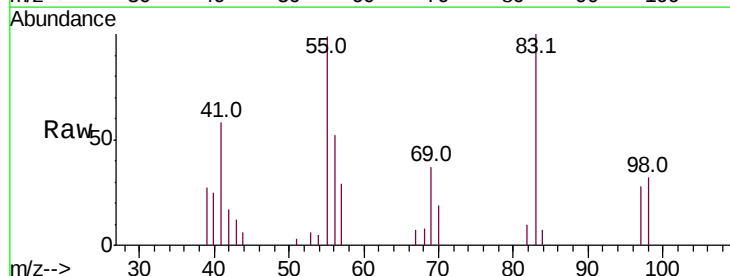


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

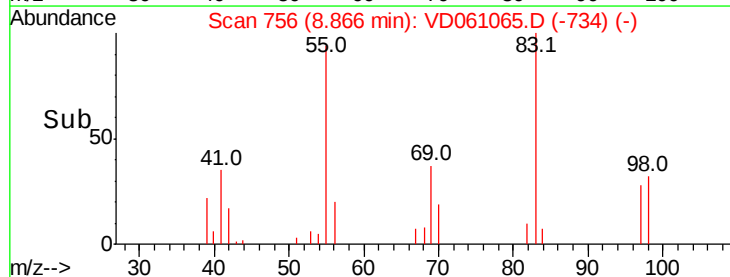
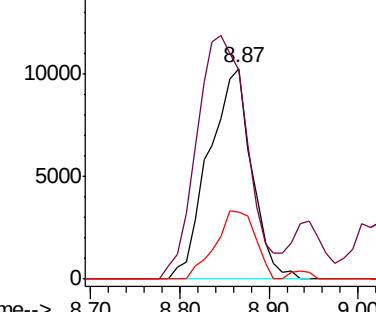


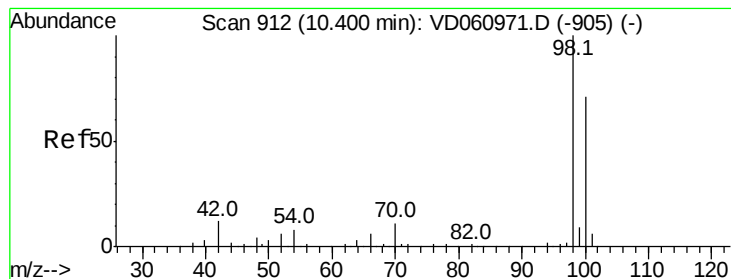
#39
Methylcyclohexane
Concen: 3.941 ug/l
RT: 8.87 min Scan# 756
Delta R.T. 0.01 min
Lab File: VD061065.D
Acq: 14 Mar 2019 15:26

Tgt Ion	Ratio	Lower	Upper
83	100		
55	99.1	69.6	104.4
98	31.6	40.0	60.0#



Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD061065.D

Acq: 14 Mar 2019 15:26

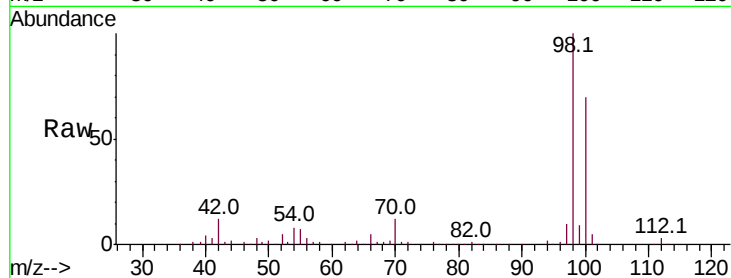
Instrument :
MSVOA_D
ClientSampleId :
SB-1(0.5-1.5)

Tot Ion: 98 Resp: 885544

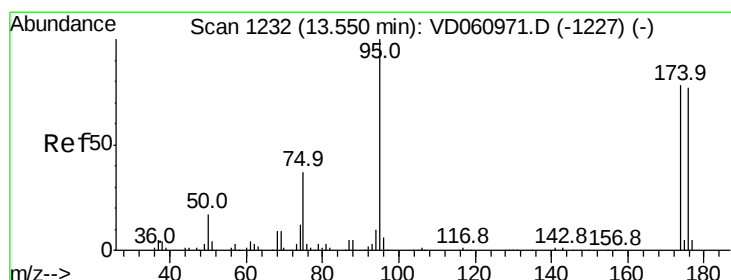
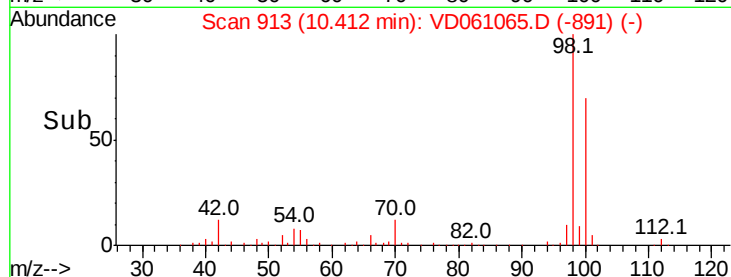
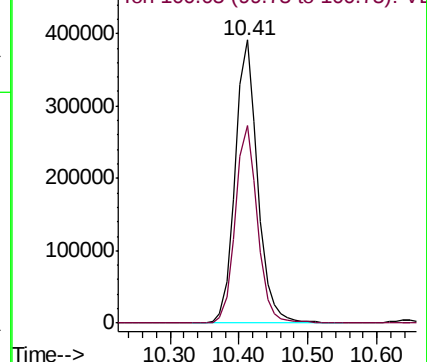
Ion Ratio Lower Upper

98 100

100 69.9 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061065.D

Acq: 14 Mar 2019 15:26

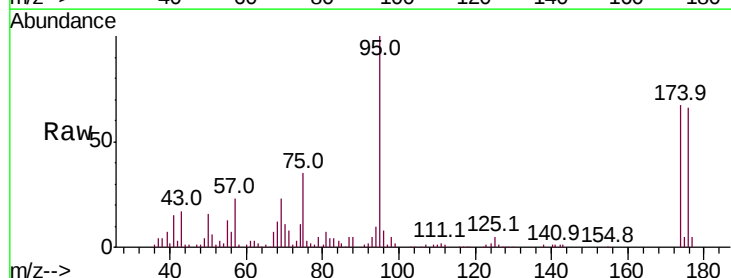
Tgt Ion: 95 Resp: 267133

Ion Ratio Lower Upper

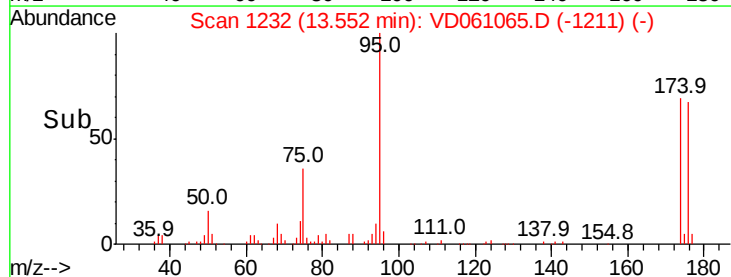
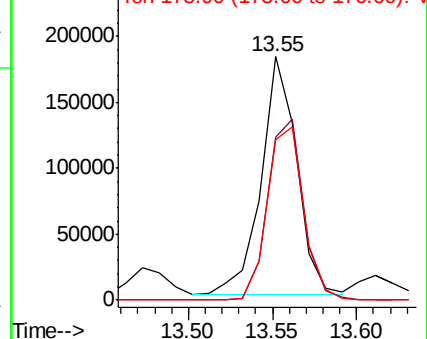
95 100

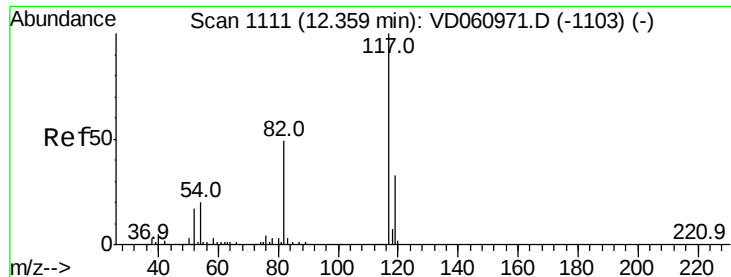
174 67.1 0.0 155.6

176 65.9 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC

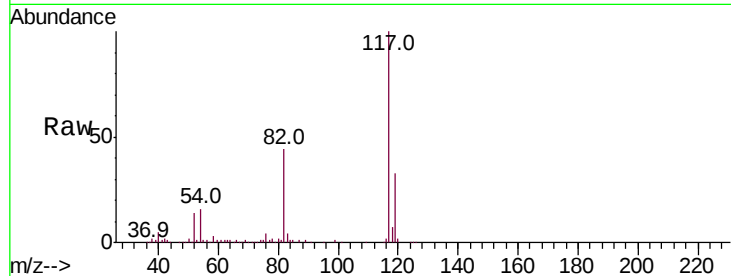




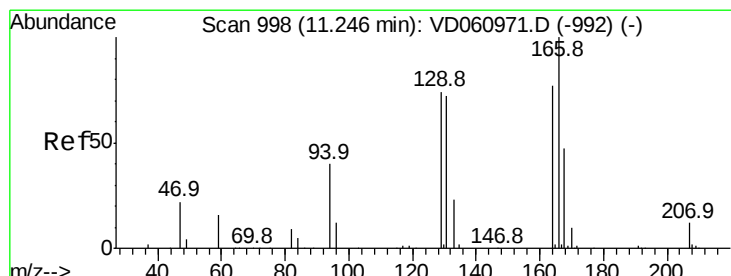
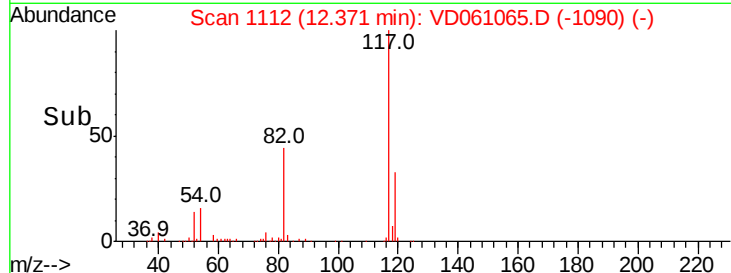
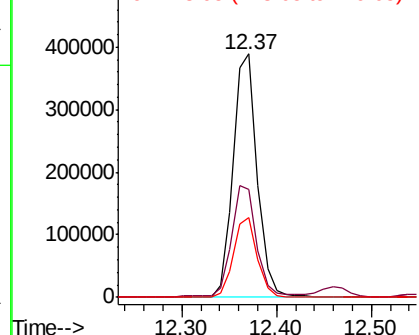
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061065.D
Acq: 14 Mar 2019 15:26

Instrument :
MSVOA_D
ClientSampleId :
SB-1(0.5-1.5)

Tot Ion:117 Resp: 685442
Ion Ratio Lower Upper
117 100
82 44.5 38.9 58.3
119 32.8 26.6 39.8

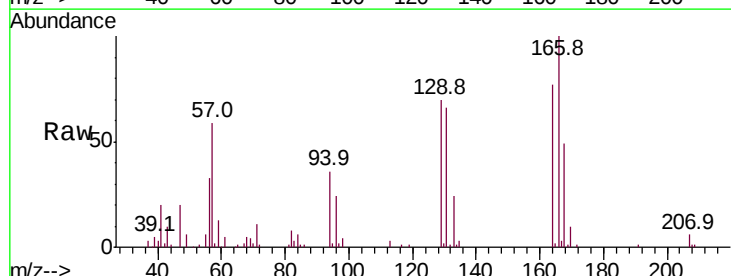


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

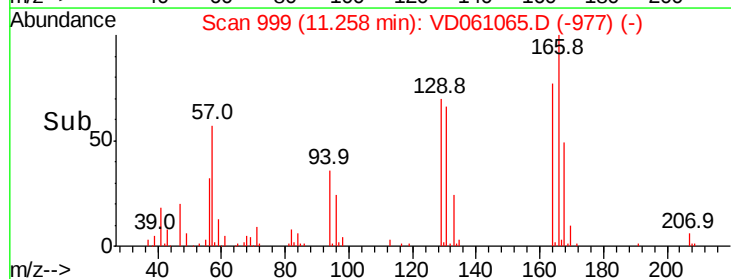
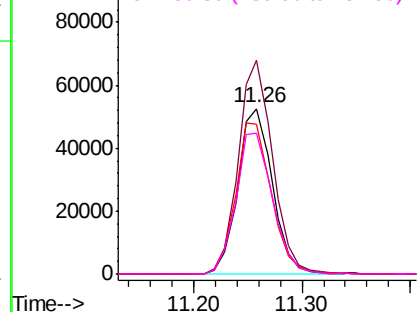


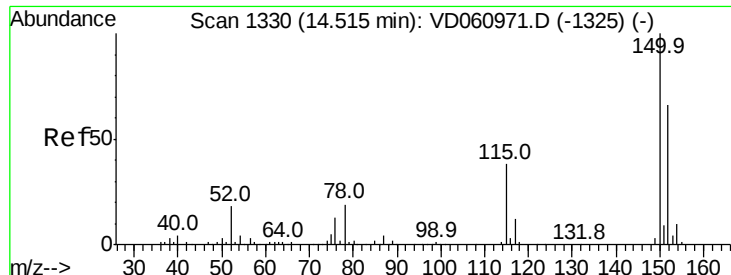
#64
Tetrachloroethene
Concen: 25.163 ug/l
RT: 11.26 min Scan# 999
Delta R.T. 0.01 min
Lab File: VD061065.D
Acq: 14 Mar 2019 15:26

Tgt Ion:164 Resp: 116430
Ion Ratio Lower Upper
164 100
166 129.2 103.4 155.0
129 90.4 76.9 115.3
131 85.2 74.4 111.6



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD061065.D

Acq: 14 Mar 2019 15:26

Instrument :

MSVOA_D

ClientSampleId :

SB-1(0.5-1.5)

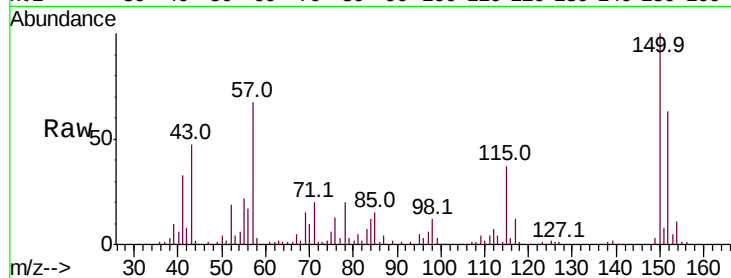
Tot Ion:152 Resp: 225180

Ion Ratio Lower Upper

152 100

115 58.2 28.6 85.9

150 157.7 0.0 310.6



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

