

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031819\
 Data File : VD061158.D
 Acq On : 18 Mar 2019 21:09
 Operator : VA/AP
 Sample : K1935-10
 Misc : 4.80µl/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-7(6-7)

Quant Time: Mar 19 04:40:37 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

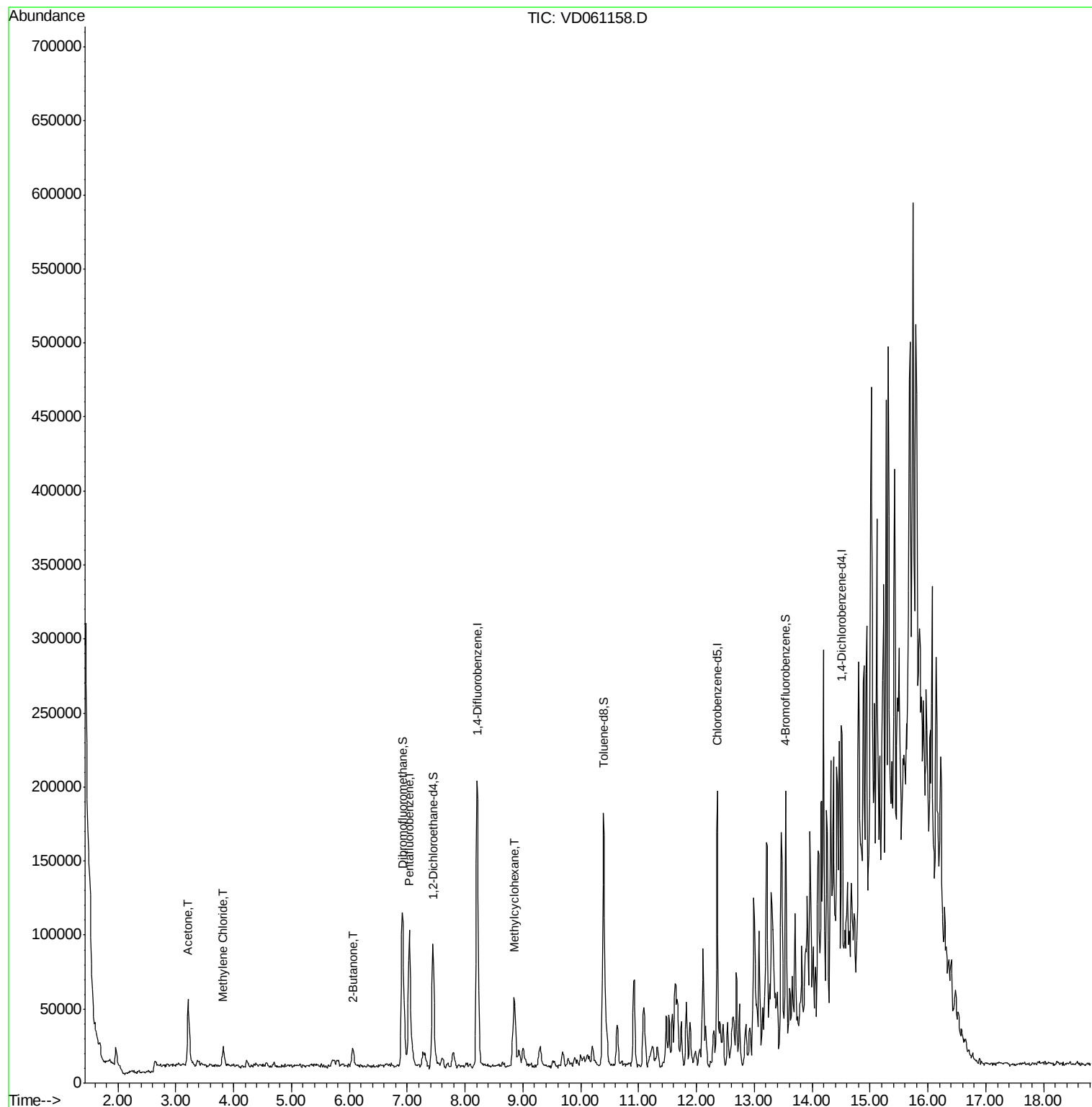
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	99641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	237637	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	118099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	25796	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	86762	104.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	209.22%	
35) Dibromofluoromethane	6.92	113	100660	57.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.16%	
50) Toluene-d8	10.40	98	128925	29.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.22%	
62) 4-Bromofluorobenzene	13.55	95	36243	21.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	42.18%	
Target Compounds						
16) Acetone	3.21	43	84366	355.715	ug/l	96
20) Methylene Chloride	3.81	84	7254	2.254	ug/l	92
25) 2-Butanone	6.06	43	26397	98.084	ug/l	95
39) Methylcyclohexane	8.85	83	28492	13.414	ug/l #	85

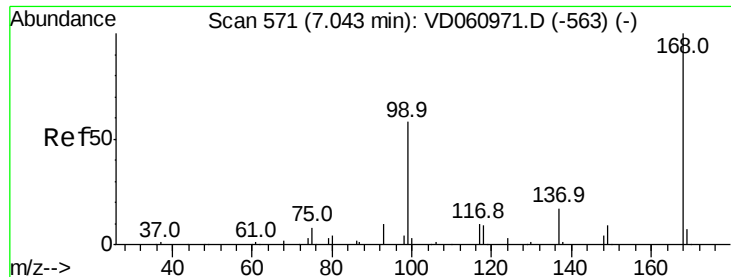
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.03 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD061158.D

Acq: 18 Mar 2019 21:09

Instrument :

MSVOA_D

ClientSampleId :

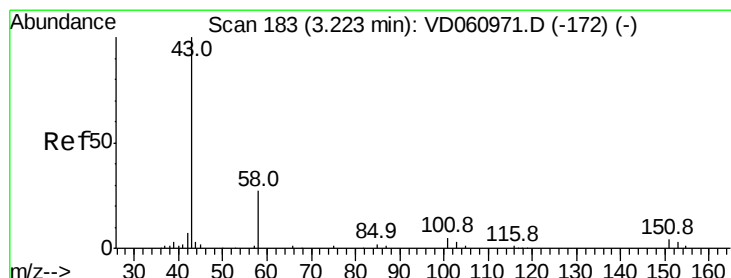
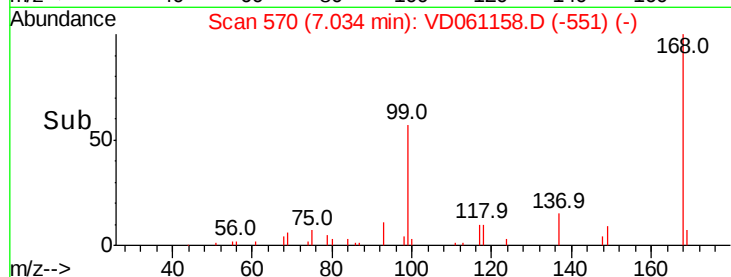
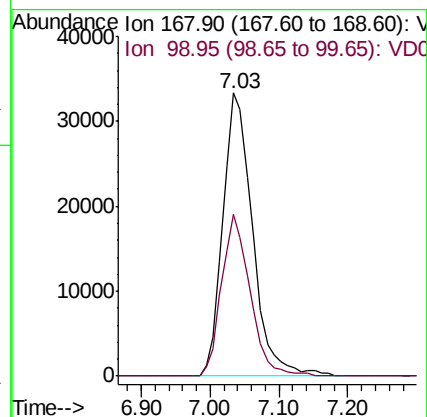
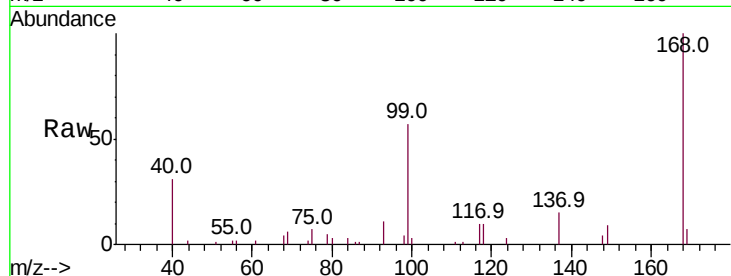
SB-7(6-7)

Tot Ion:168 Resp: 99641

Ion Ratio Lower Upper

168 100

99 57.3 47.3 70.9



#16

Acetone

Concen: 355.715 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061158.D

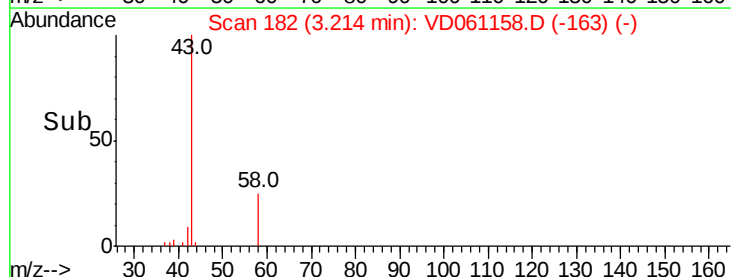
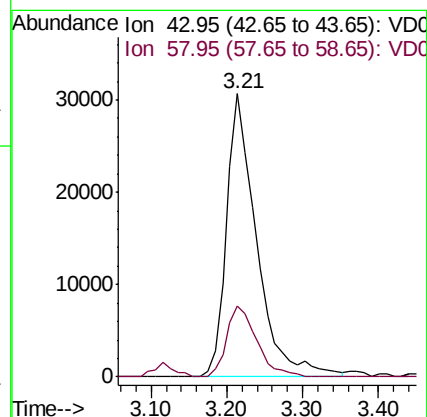
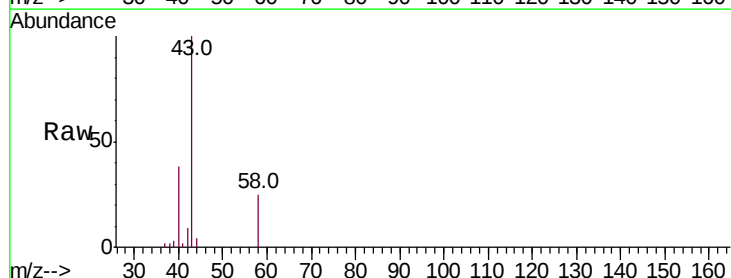
Acq: 18 Mar 2019 21:09

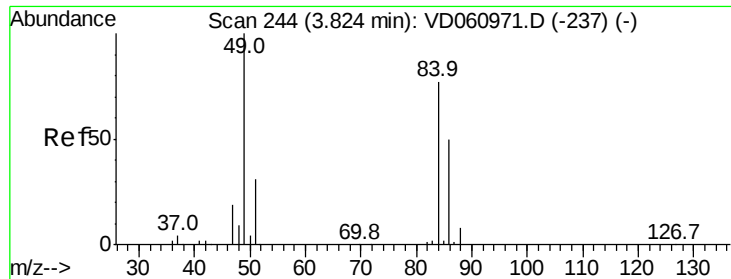
Tgt Ion: 43 Resp: 84366

Ion Ratio Lower Upper

43 100

58 24.9 21.6 32.4

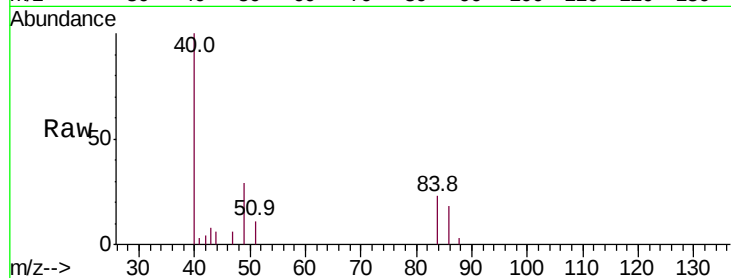




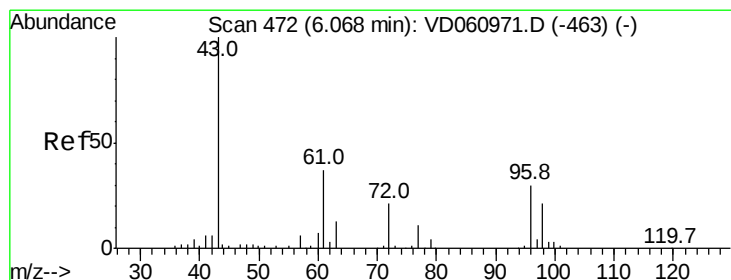
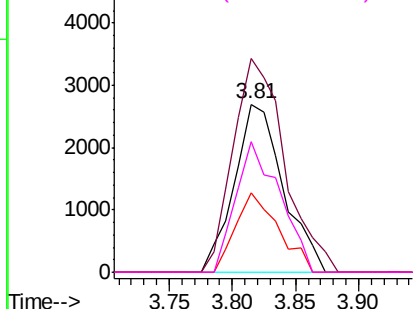
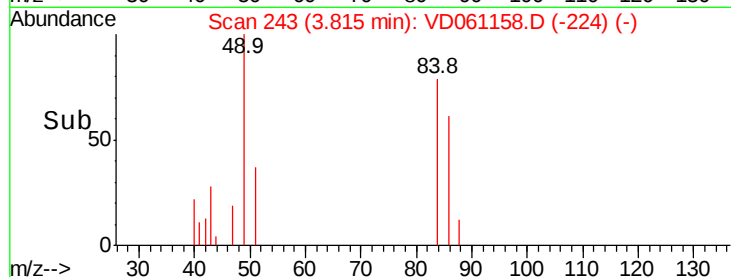
#20
Methvlene Chloride
Concen: 2.254 ug/l
RT: 3.81 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD061158.D
Acq: 18 Mar 2019 21:09

Instrument :
MSVOA_D
ClientSampleId :
SB-7(6-7)

Tot Ion: 84 Resp: 7254
Ion Ratio Lower Upper
84 100
49 127.1 104.2 156.2
51 47.1 32.3 48.5
86 77.7 52.3 78.5

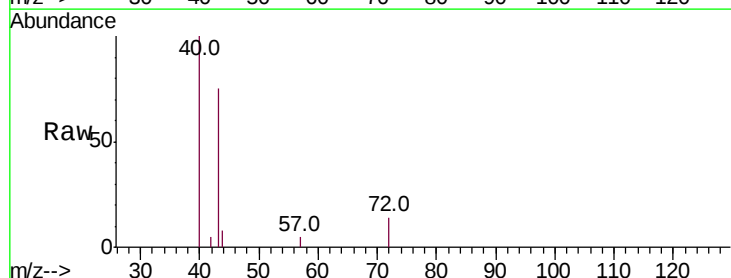


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

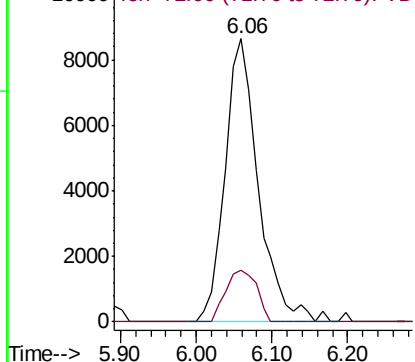
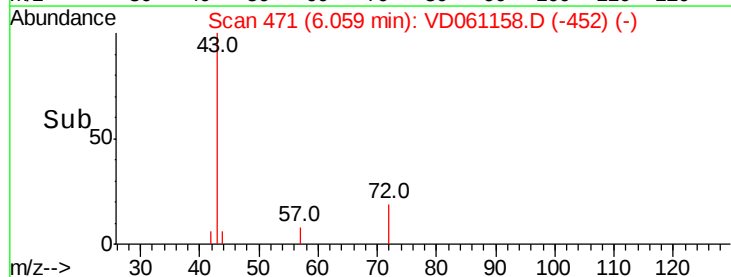


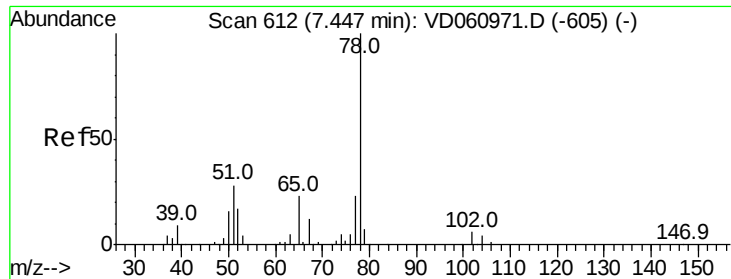
#25
2-Butanone
Concen: 98.084 ug/l
RT: 6.06 min Scan# 471
Delta R.T. -0.01 min
Lab File: VD061158.D
Acq: 18 Mar 2019 21:09

Tgt Ion: 43 Resp: 26397
Ion Ratio Lower Upper
43 100
72 18.4 16.7 25.1



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD061158.D

Acq: 18 Mar 2019 21:09

Instrument :

MSVOA_D

ClientSampleId :

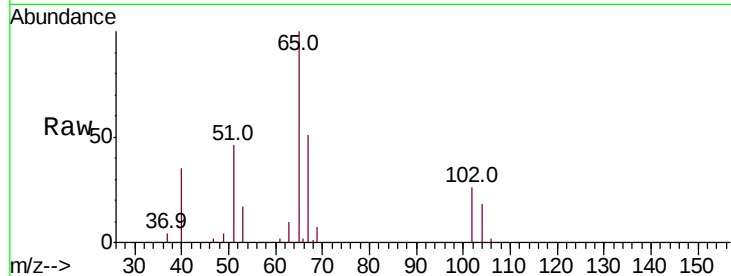
SB-7(6-7)

Tot Ion: 65 Resp: 86762

Ion Ratio Lower Upper

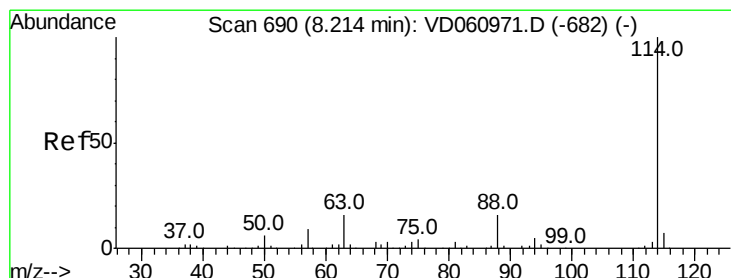
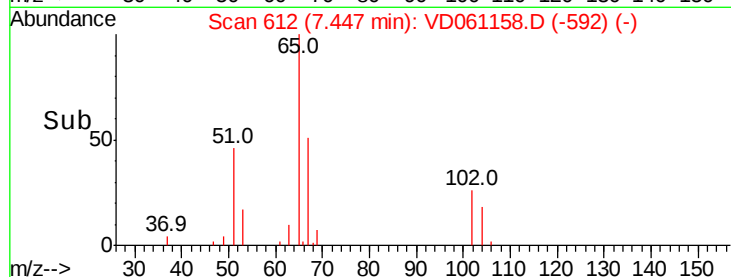
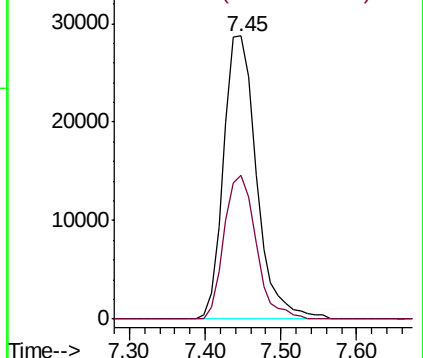
65 100

67 51.0 0.0 105.2



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: 8.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD061158.D

Acq: 18 Mar 2019 21:09

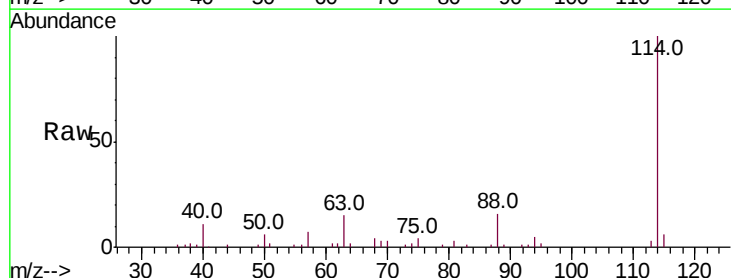
Tgt Ion: 114 Resp: 237637

Ion Ratio Lower Upper

114 100

63 14.5 0.0 31.4

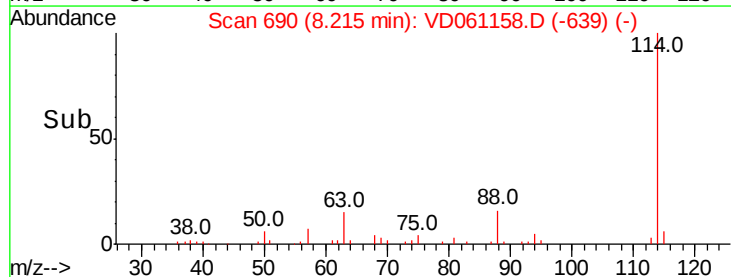
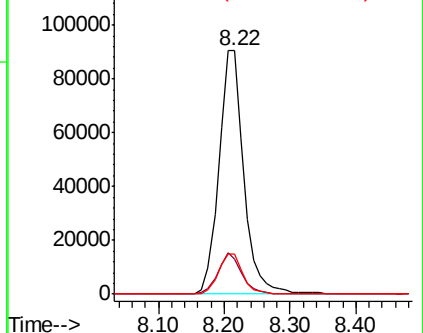
88 16.3 0.0 33.0

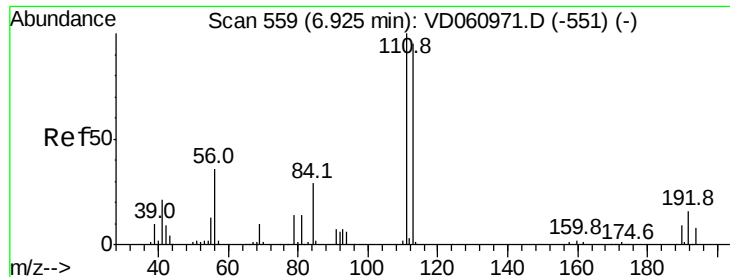


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

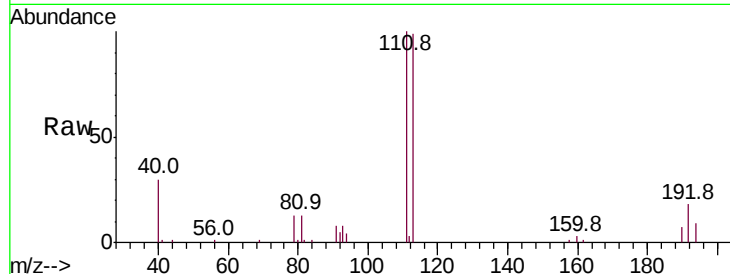




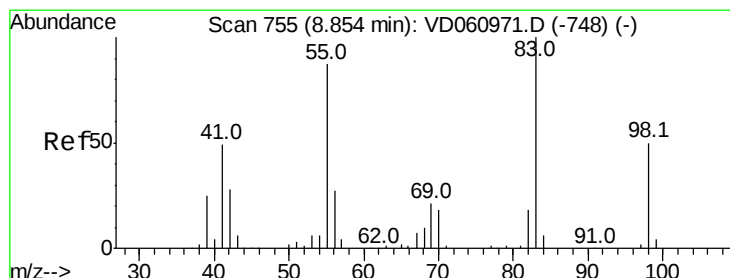
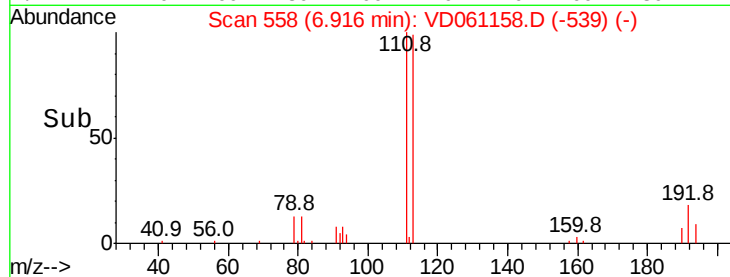
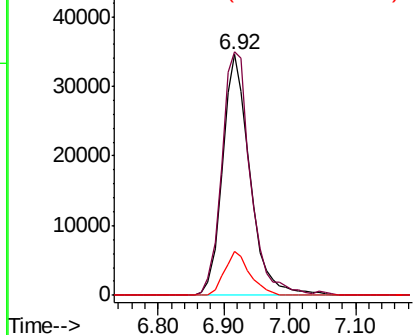
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.92 min Scan# 558
Delta R.T. -0.01 min
Lab File: VD061158.D
Acq: 18 Mar 2019 21:09

Instrument :
MSVOA_D
ClientSampleId :
SB-7(6-7)

Tot Ion:113 Resp: 100660
Ion Ratio Lower Upper
113 100
111 101.2 84.2 126.4
192 18.1 13.1 19.7

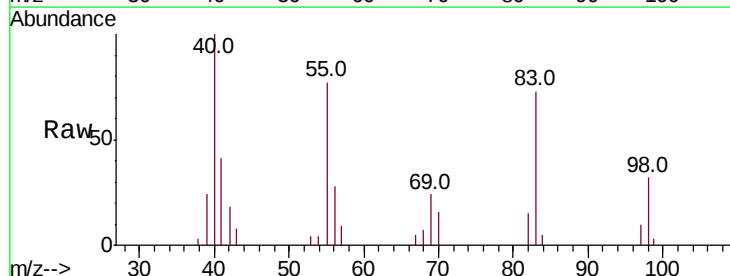


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

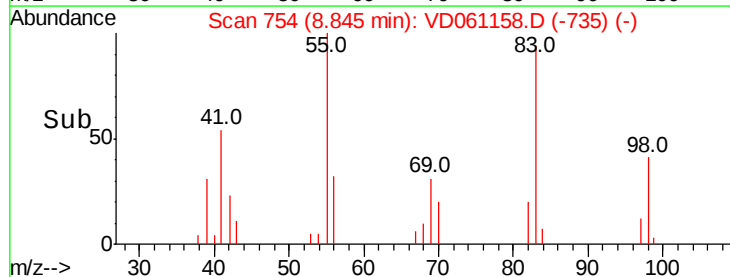
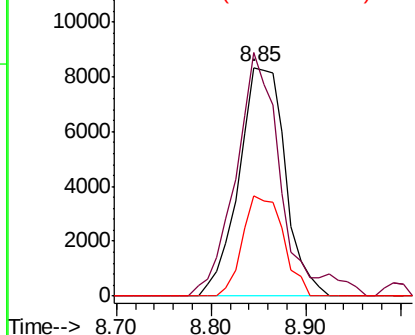


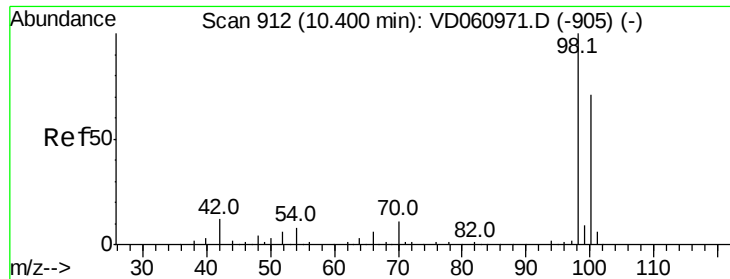
#39
Methylcyclohexane
Concen: 13.414 ug/l
RT: 8.85 min Scan# 754
Delta R.T. -0.01 min
Lab File: VD061158.D
Acq: 18 Mar 2019 21:09

Tgt Ion: 83 Resp: 28492
Ion Ratio Lower Upper
83 100
55 106.4 69.6 104.4#
98 47.4 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

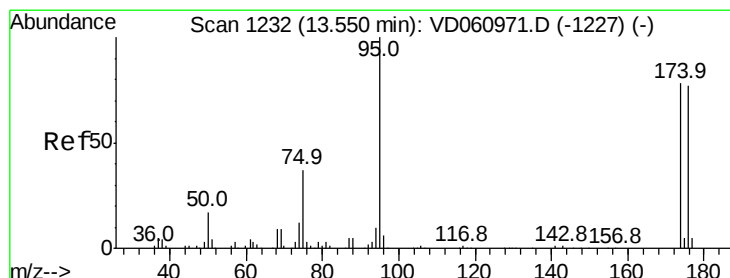
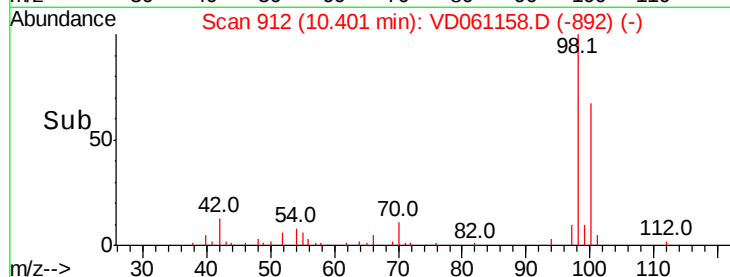
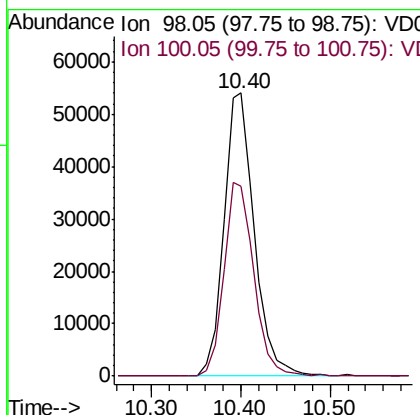
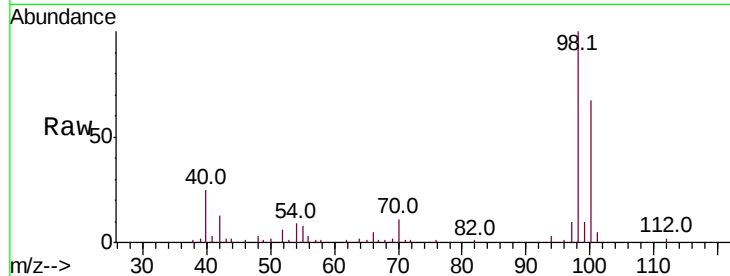




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD061158.D
Acq: 18 Mar 2019 21:09

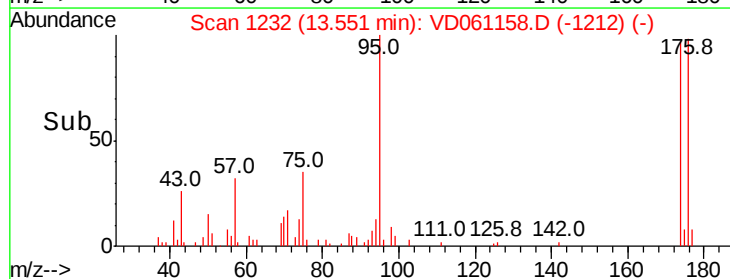
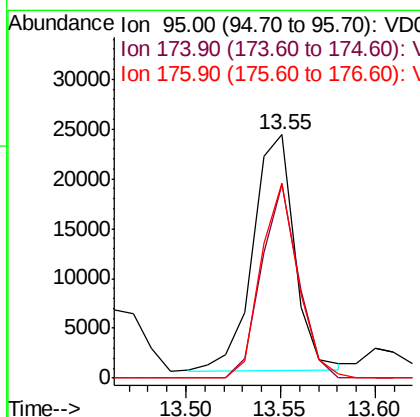
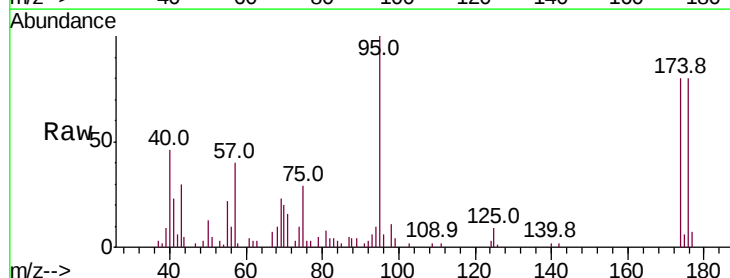
Instrument :
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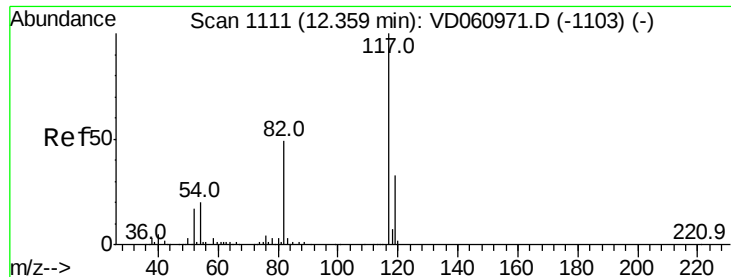
Tot Ion: 98 Resp: 128925
Ion Ratio Lower Upper
98 100
100 67.0 57.4 86.2



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD061158.D
Acq: 18 Mar 2019 21:09

Tgt Ion: 95 Resp: 36243
Ion Ratio Lower Upper
95 100
174 79.5 0.0 155.6
176 80.3 0.0 153.8

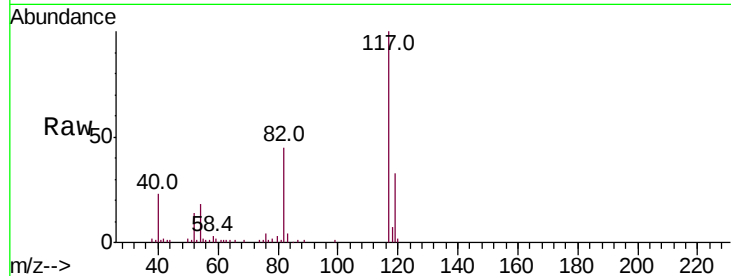




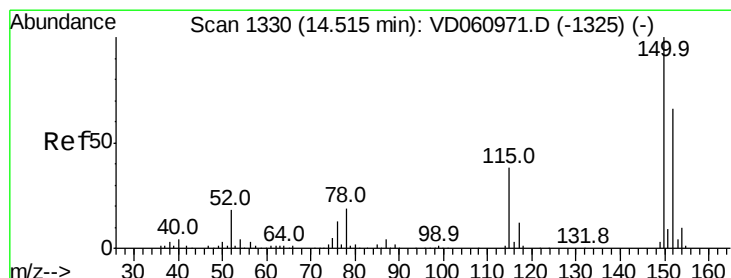
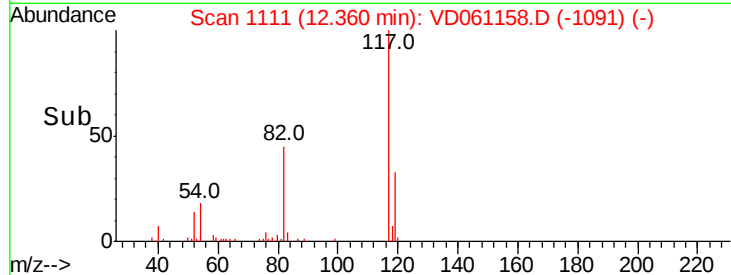
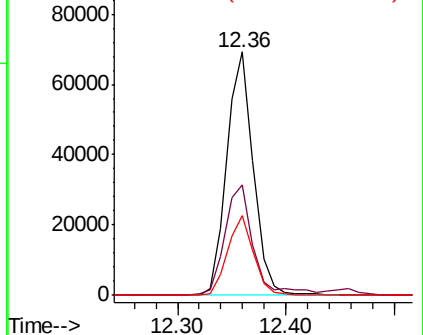
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061158.D
Acq: 18 Mar 2019 21:09

Instrument :
MSVOA_D
ClientSampleId :
SB-7(6-7)

Tot Ion:117 Resp: 118099
Ion Ratio Lower Upper
117 100
82 45.3 38.9 58.3
119 33.0 26.6 39.8

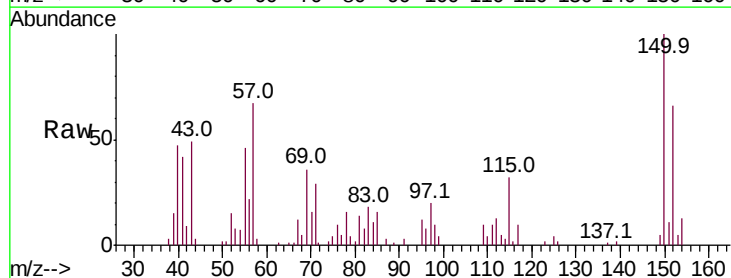


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061158.D
Acq: 18 Mar 2019 21:09

Tgt Ion:152 Resp: 25796
Ion Ratio Lower Upper
152 100
115 52.3 28.6 85.9
150 151.5 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

