

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031819\
 Data File : VD061147.D
 Acq On : 18 Mar 2019 16:05
 Operator : VA/AP
 Sample : K1935-02
 Misc : 4.04g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-17(5.5-6.5)

Quant Time: Mar 19 04:12:34 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

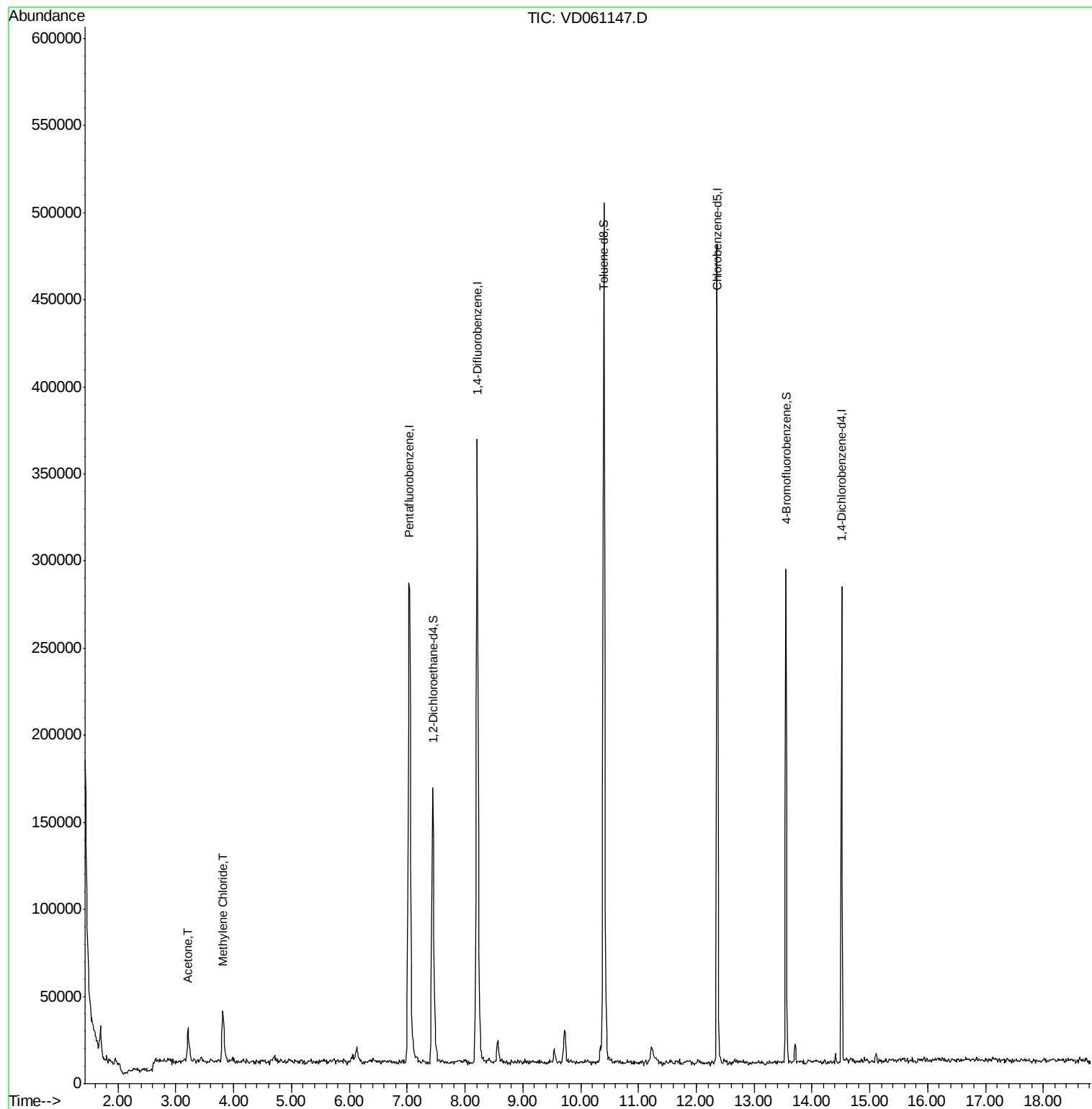
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	289671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	439158	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	282953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	59693	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	157664	65.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.78%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	10.40	98	423451	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
62) 4-Bromofluorobenzene	13.55	95	85384	26.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	53.78%	
Target Compounds						
16) Acetone	3.21	43	34505	50.044	ug/l	92
20) Methylene Chloride	3.81	84	21913	2.544	ug/l	94

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

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QLast Update : Fri Mar 08 02:35:39 2019
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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: VD061147.D

Acq: 18 Mar 2019 16:05

Instrument :

MSVOA_D

ClientSampleId :

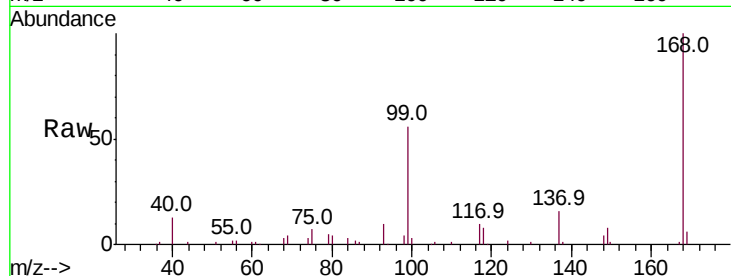
SB-17(5.5-6.5)

Tot Ion:168 Resp: 289671

Ion Ratio Lower Upper

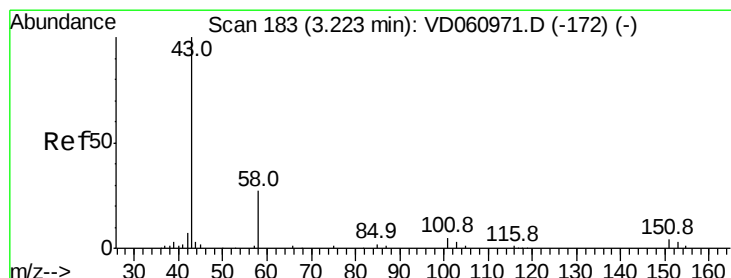
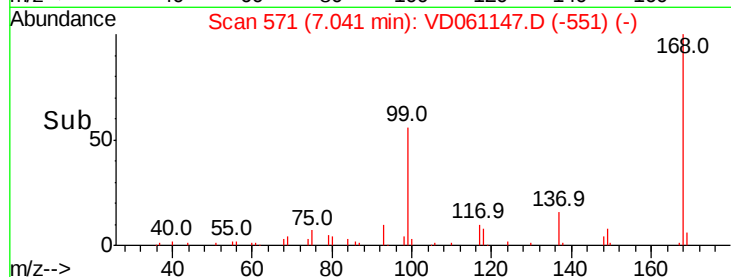
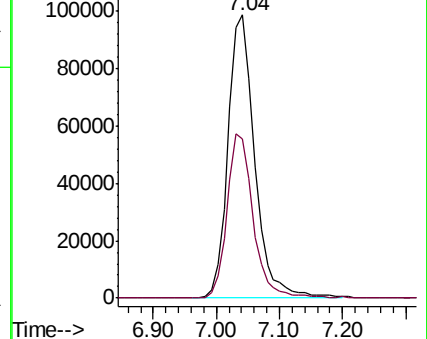
168 100

99 56.2 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: 50.044 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061147.D

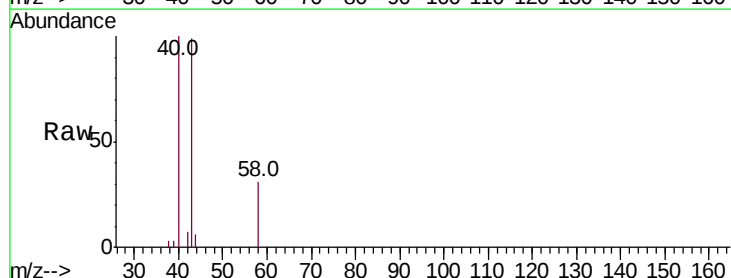
Acq: 18 Mar 2019 16:05

Tgt Ion: 43 Resp: 34505

Ion Ratio Lower Upper

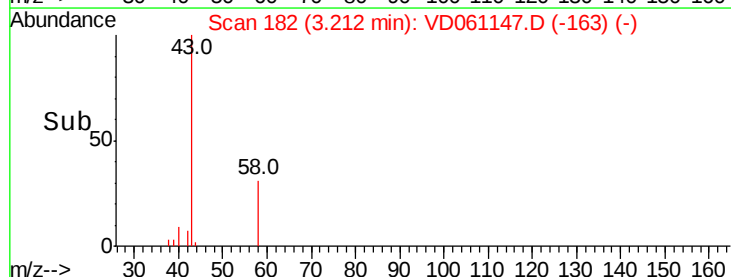
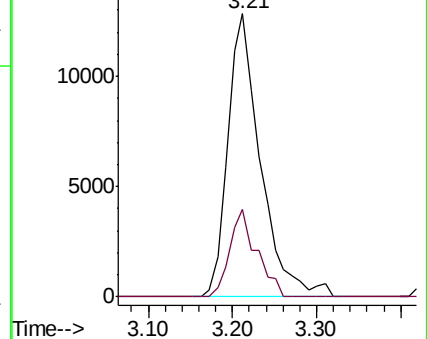
43 100

58 31.1 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

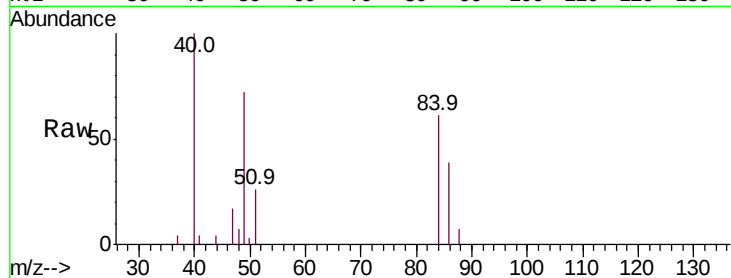




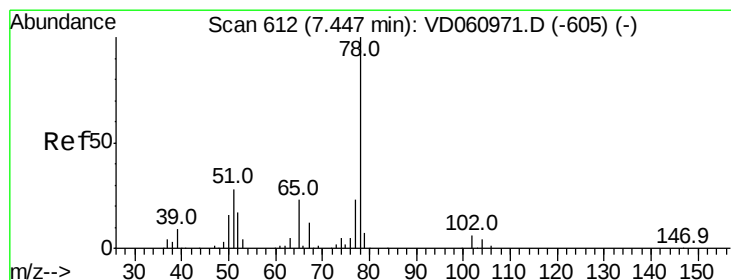
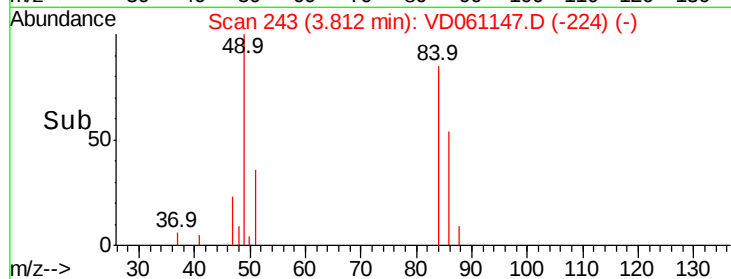
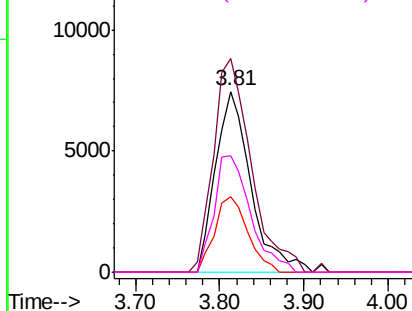
#20
Methvlene Chloride
Concen: 2.544 ug/l
RT: 3.81 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD061147.D
Acq: 18 Mar 2019 16:05

Instrument :
MSVOA_D
ClientSampleId :
SB-17(5.5-6.5)

Tot Ion: 84 Resp: 21913
Ion Ratio Lower Upper
84 100
49 118.3 104.2 156.2
51 42.1 32.3 48.5
86 64.2 52.3 78.5

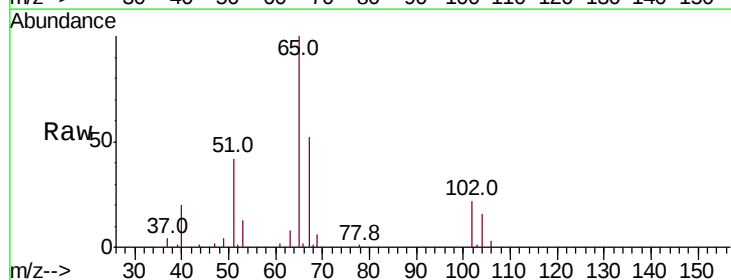


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

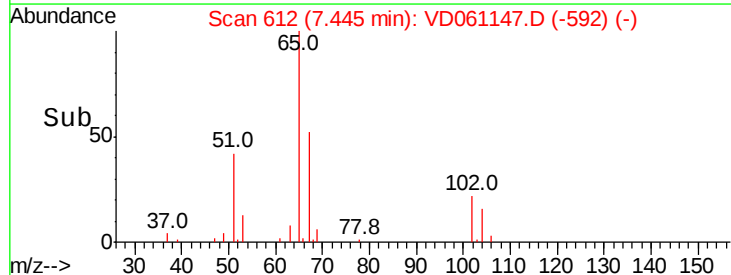
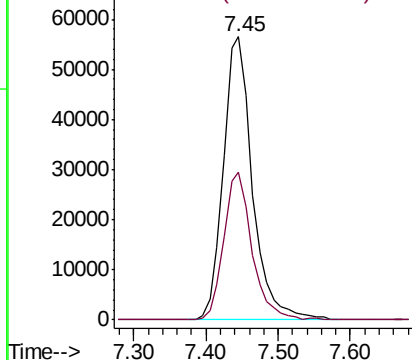


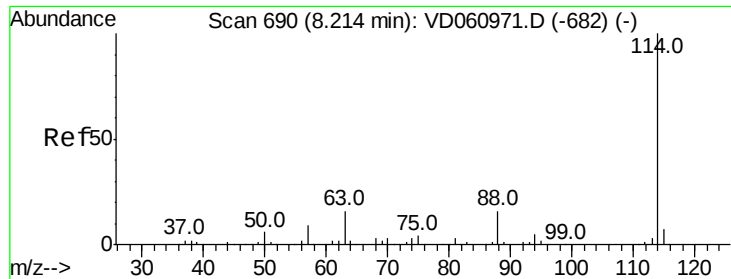
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.00 min
Lab File: VD061147.D
Acq: 18 Mar 2019 16:05

Tgt Ion: 65 Resp: 157664
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

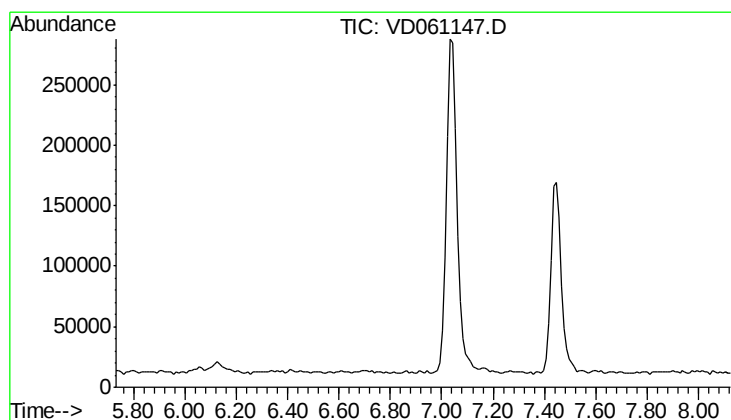
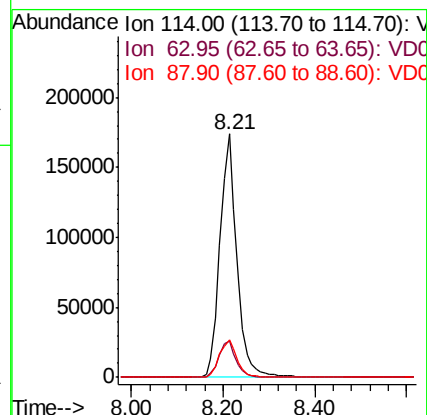
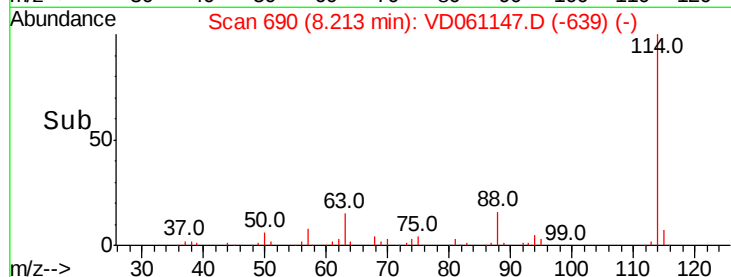
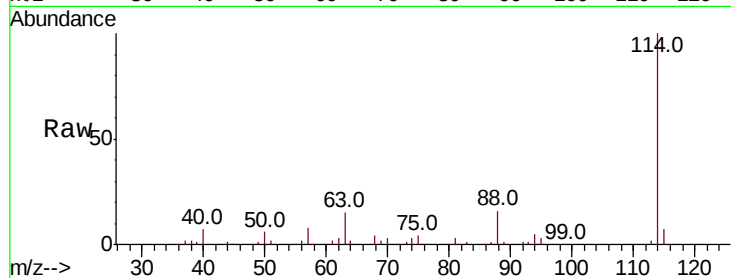




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD061147.D
 Acq: 18 Mar 2019 16:05

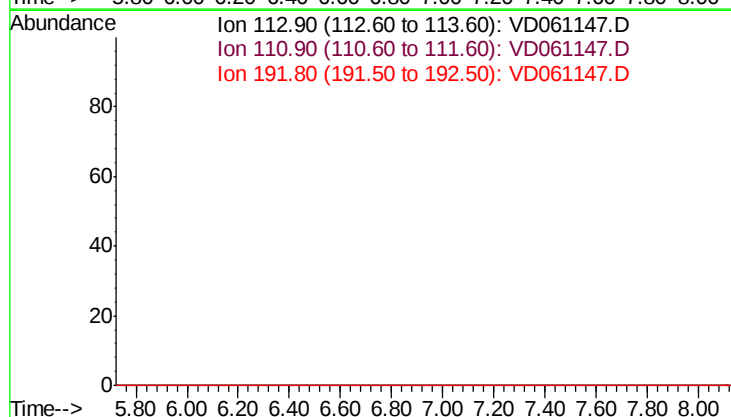
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-17(5.5-6.5)

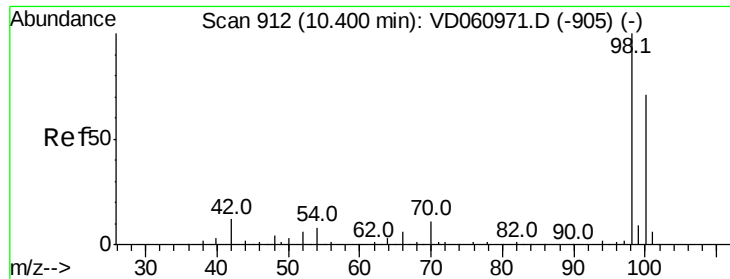
Tot Ion	Ratio	Lower	Upper
114	100		
63	14.8	0.0	31.4
88	15.7	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 Expected RT: 6.92 min
 Lab File: VD061147.D
 Acq: 18 Mar 2019 16:05

Tgt Ion	Exp Ratio
113	100
111	105.3
192	16.4





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD061147.D

Acq: 18 Mar 2019 16:05

Instrument :

MSVOA_D

ClientSampleId :

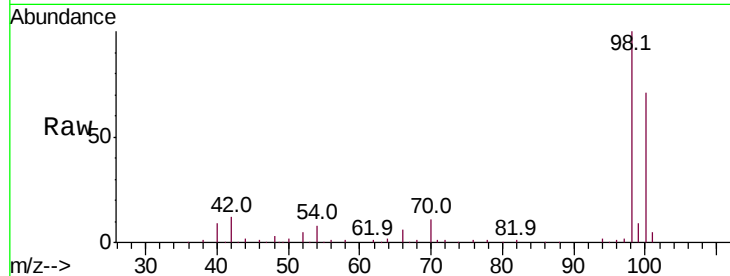
SB-17(5.5-6.5)

Tot Ion: 98 Resp: 423451

Ion Ratio Lower Upper

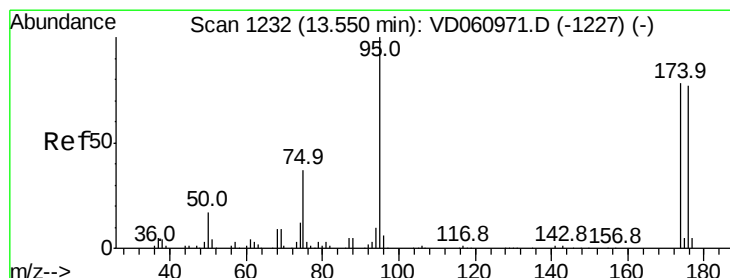
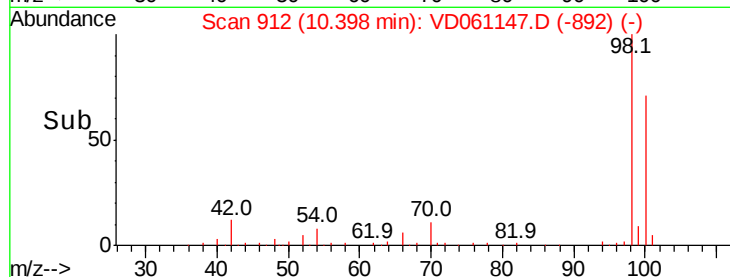
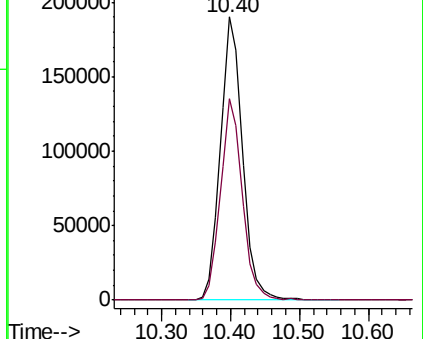
98 100

100 71.2 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: VD061147.D

Acq: 18 Mar 2019 16:05

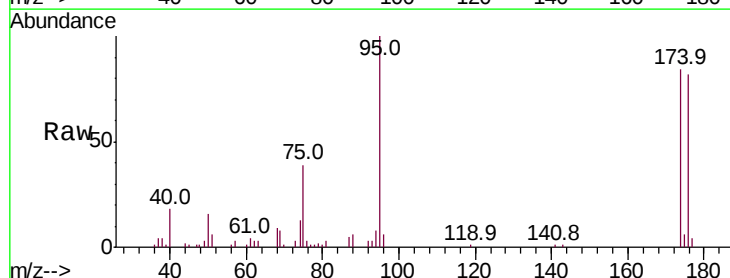
Tgt Ion: 95 Resp: 85384

Ion Ratio Lower Upper

95 100

174 84.0 0.0 155.6

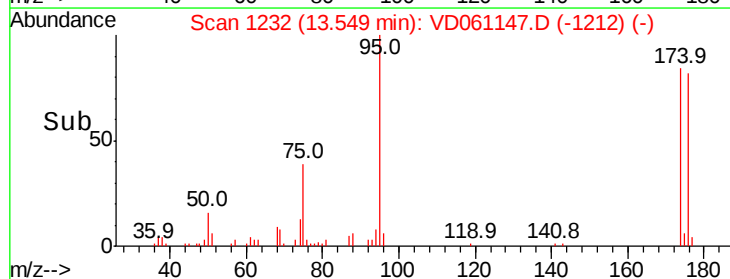
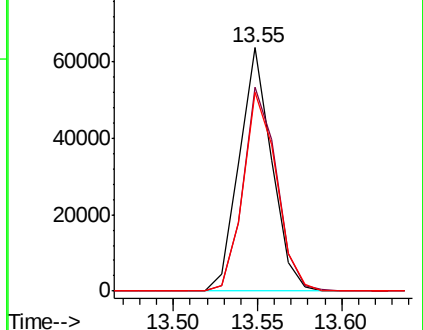
176 81.6 0.0 153.8

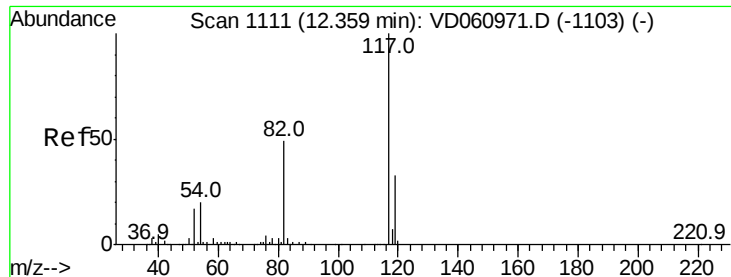


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

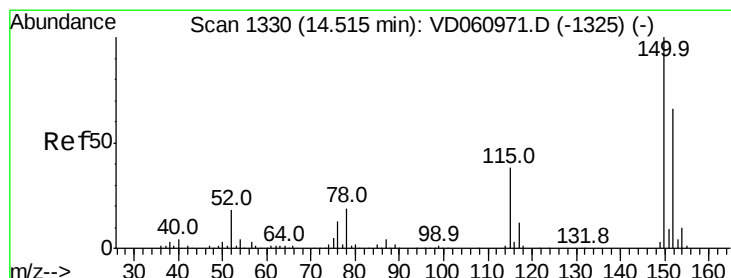
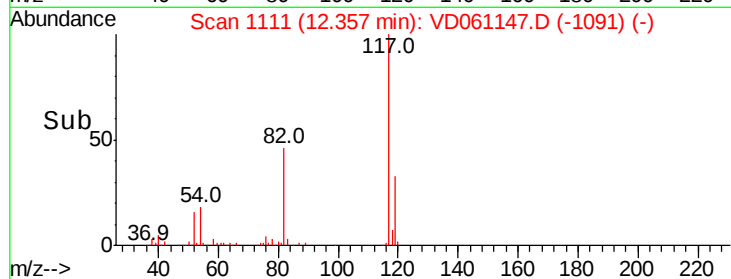
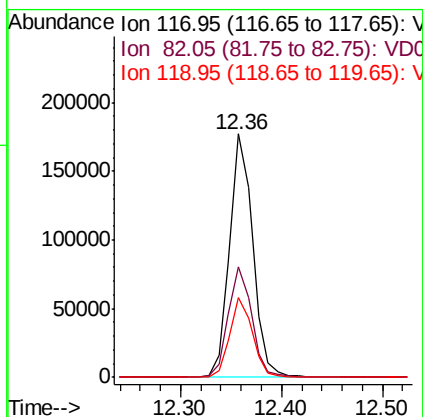
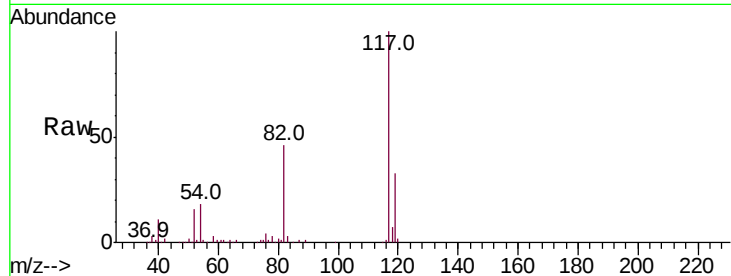




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061147.D
Acq: 18 Mar 2019 16:05

Instrument :
MSVOA_D
ClientSampleId :
SB-17(5.5-6.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	45.6	38.9	58.3
119	32.7	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: VD061147.D
Acq: 18 Mar 2019 16:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.6	85.9
150	155.2	0.0	310.6

