

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031519\
 Data File : VD061083.D
 Acq On : 15 Mar 2019 13:26
 Operator : VA/AP
 Sample : K1901-01RE
 Misc : 4.24g/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Mar 16 05:57:08 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

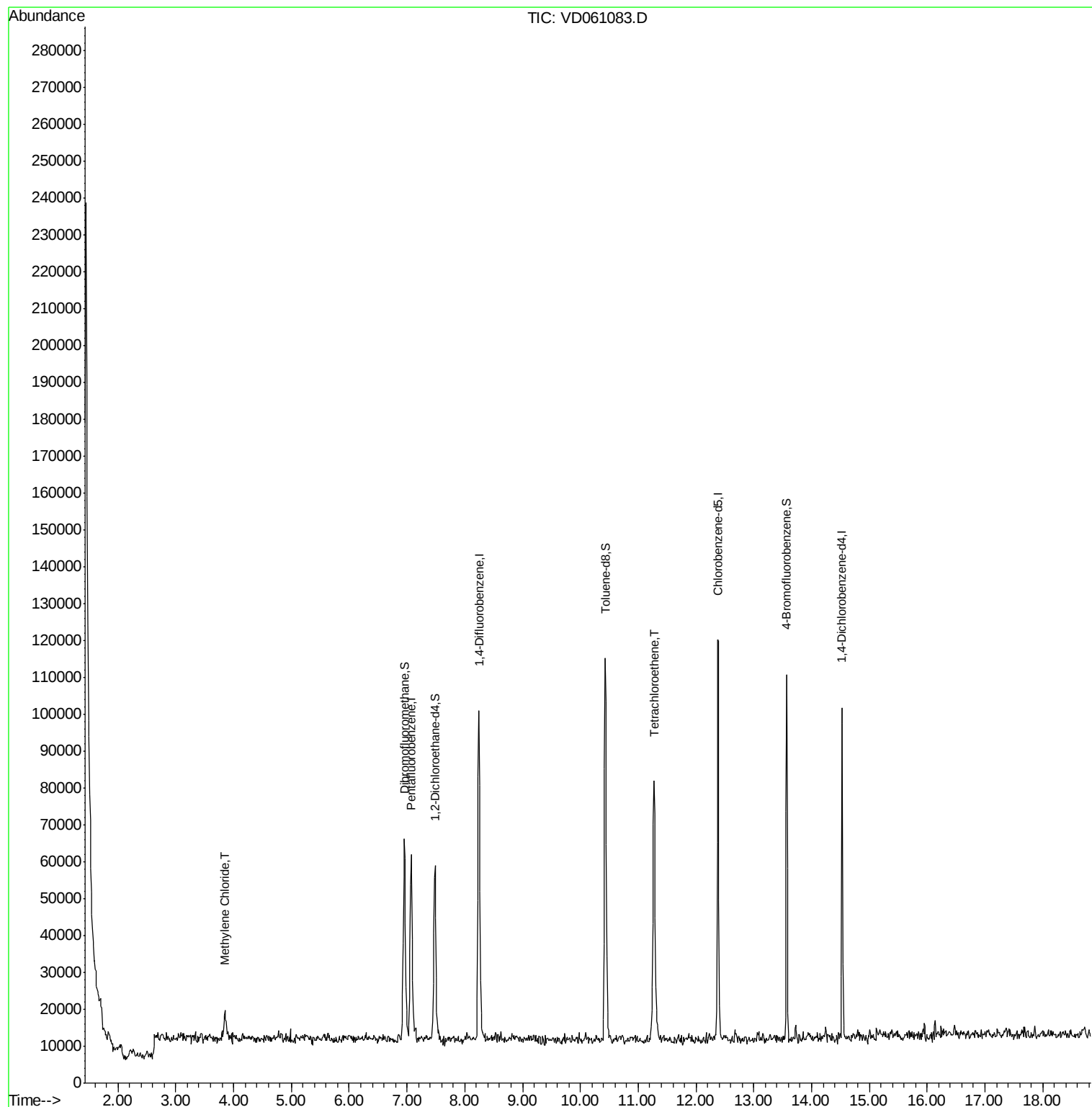
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	54961	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	109019	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.39	117	78064	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	23627	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	44125	96.45	ug/l	0.04
Spiked Amount 50.000			Recovery	=	192.90%	
35) Dibromofluoromethane	6.95	113	51530	63.69	ug/l	0.03
Spiked Amount 50.000			Recovery	=	127.38%	
50) Toluene-d8	10.43	98	95161	46.84	ug/l	0.03
Spiked Amount 50.000			Recovery	=	93.68%	
62) 4-Bromofluorobenzene	13.57	95	31115	39.47	ug/l	0.02
Spiked Amount 50.000			Recovery	=	78.94%	
Target Compounds						
20) Methylene Chloride	3.85	84	5909	5.782	ug/l #	78
64) Tetrachloroethene	11.27	164	20741	39.359	ug/l	94

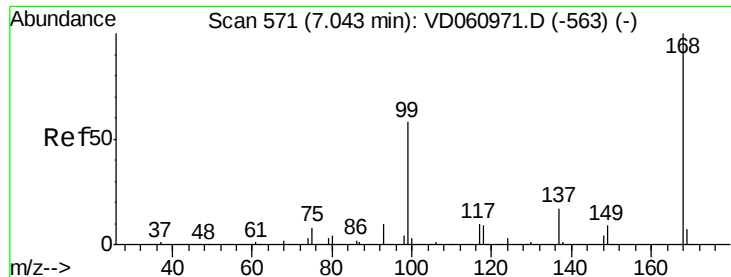
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.03 min

Lab File: VD061083.D

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MSVOA_D

ClientSampleId :

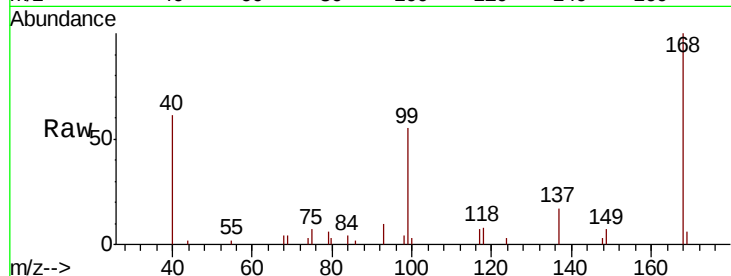
SB-1(0.5-1.5)RE

Tgt Ion:168 Resp: 54961

Ion Ratio Lower Upper

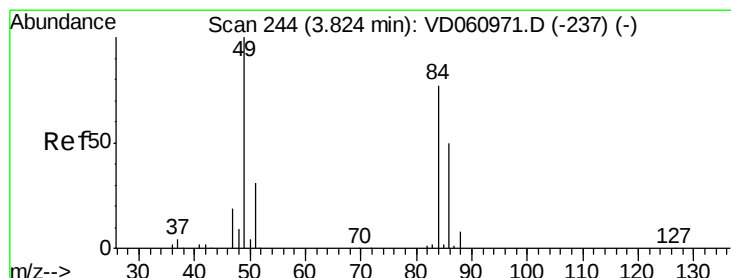
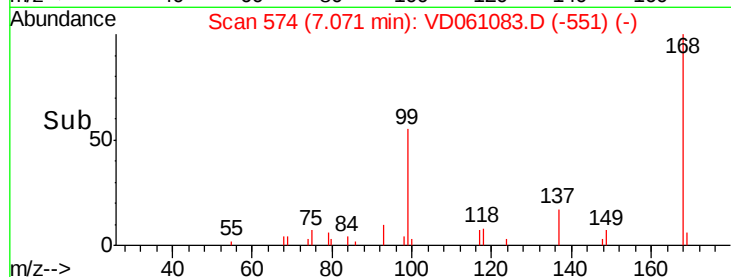
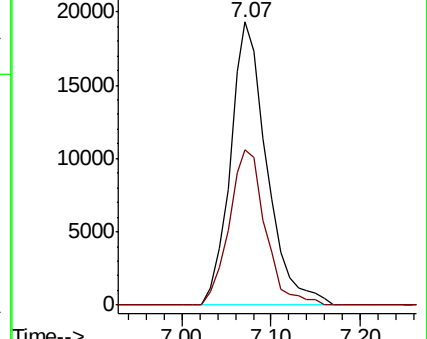
168 100

99 55.1 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 5.782 ug/l

RT: 3.85 min Scan# 247

Delta R.T. 0.03 min

Lab File: VD061083.D

Acq: 15 Mar 2019 13:26

Tgt Ion: 84 Resp: 5909

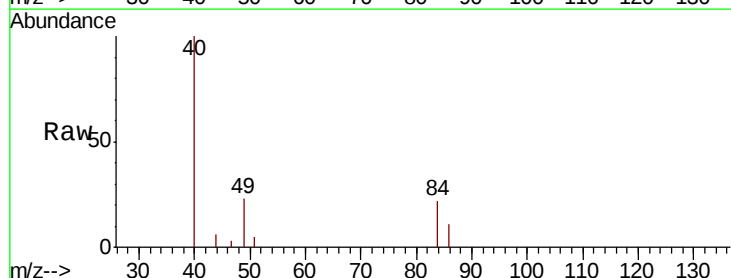
Ion Ratio Lower Upper

84 100

49 106.4 104.2 156.2

51 22.1 32.3 48.5#

86 49.6 52.3 78.5#

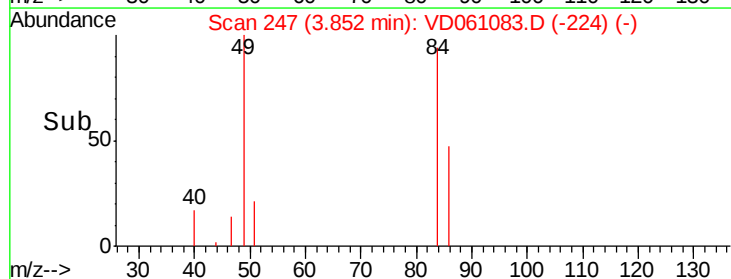
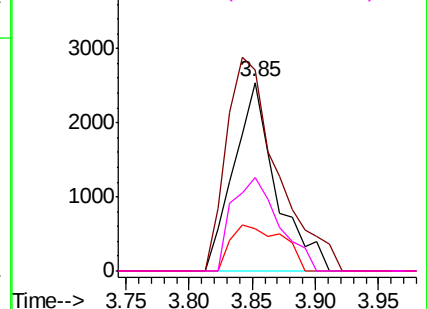


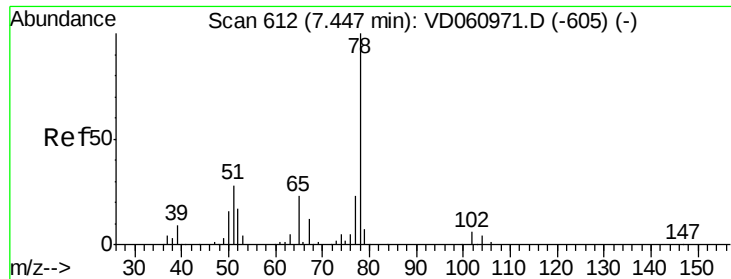
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

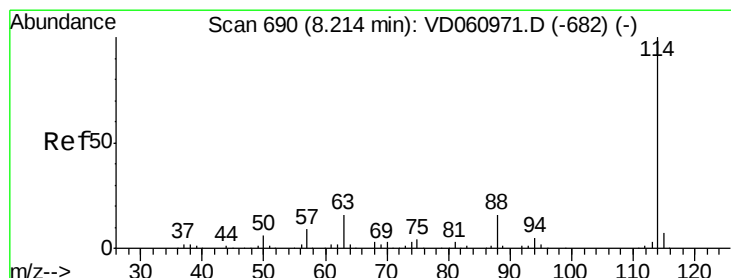
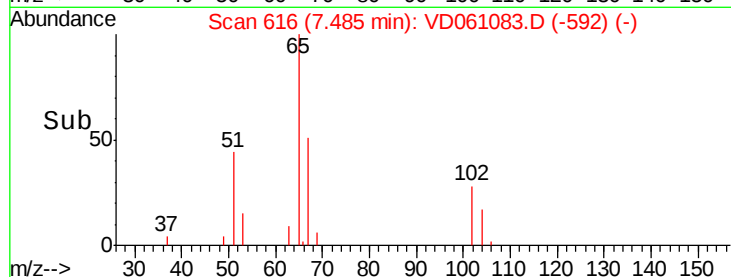
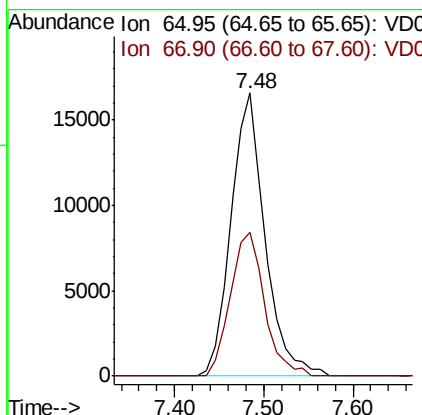
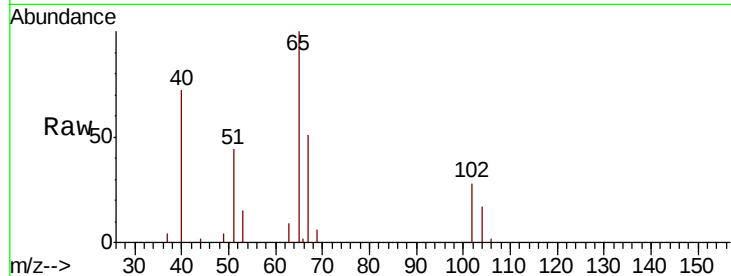




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.48 min Scan# 616
 Delta R.T. 0.04 min
 Lab File: VD061083.D
 Acq: 15 Mar 2019 13:26

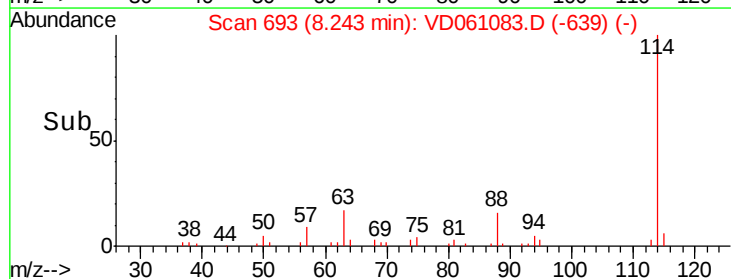
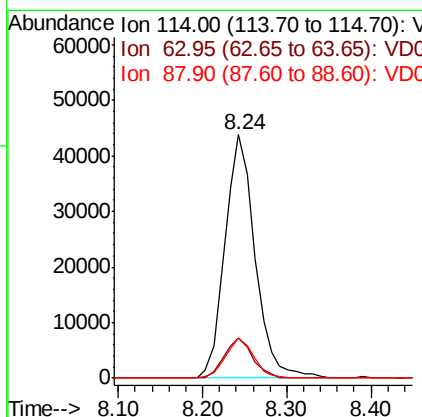
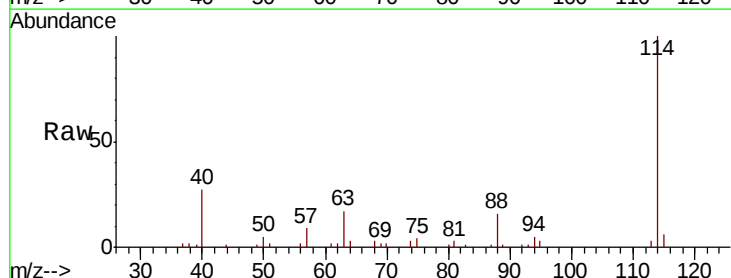
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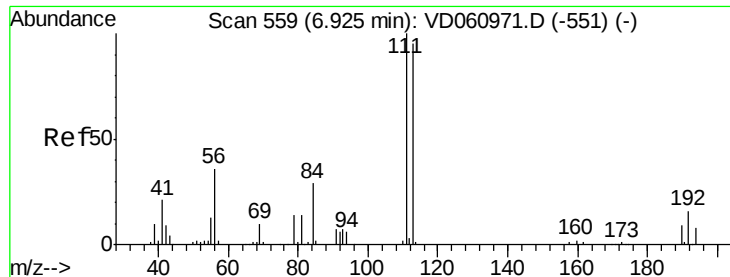
Tgt Ion: 65 Resp: 44125
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.03 min
 Lab File: VD061083.D
 Acq: 15 Mar 2019 13:26

Tgt Ion: 114 Resp: 109019
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 31.4
 88 16.3 0.0 33.0

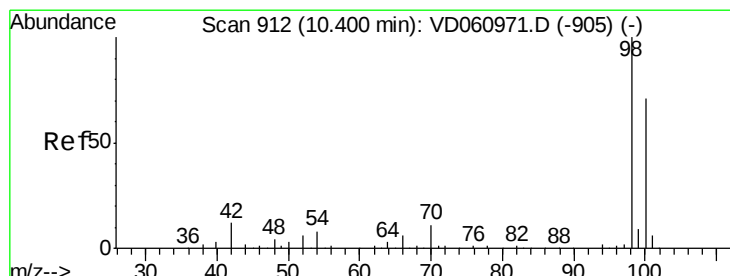
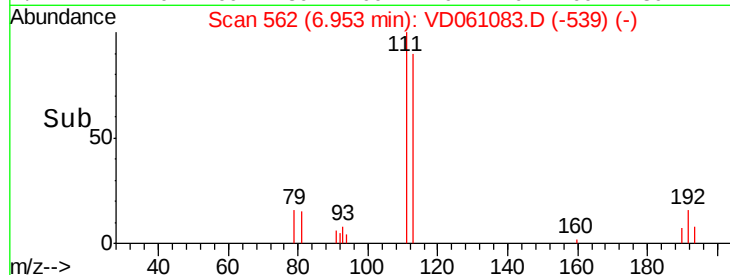
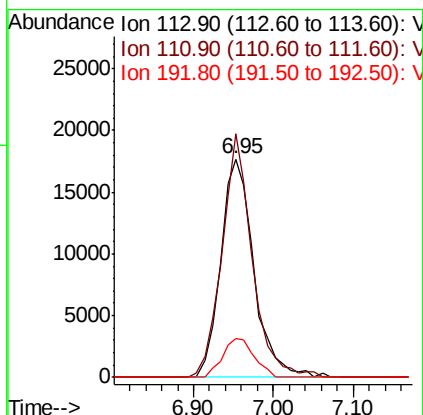
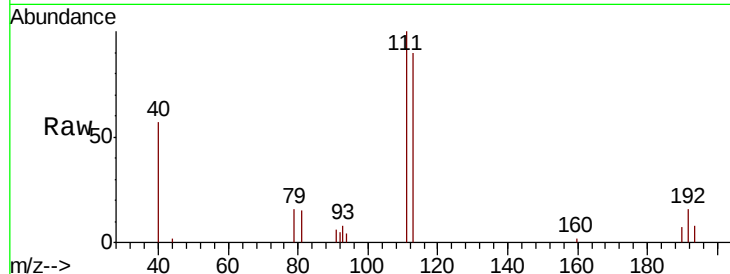




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.95 min Scan# 562
 Delta R.T. 0.03 min
 Lab File: VD061083.D
 Acq: 15 Mar 2019 13:26

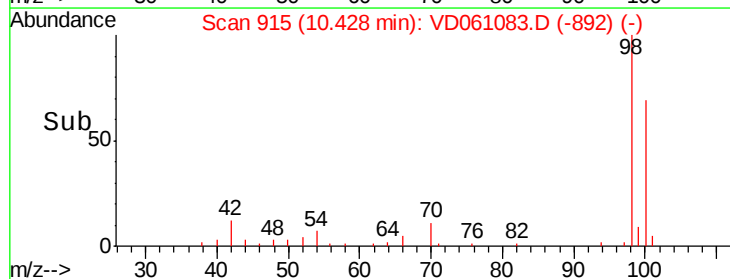
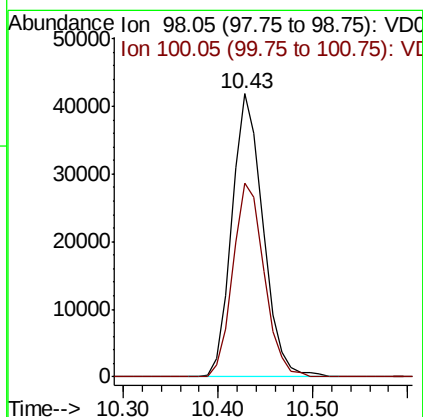
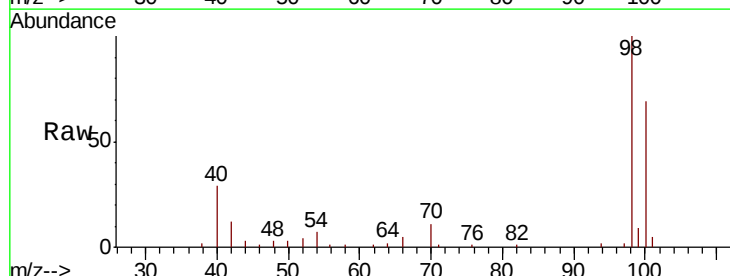
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1(0.5-1.5)RE

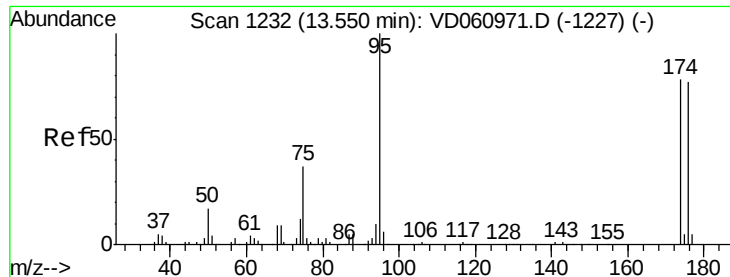
Tgt Ion:113 Resp: 51530
 Ion Ratio Lower Upper
 113 100
 111 111.5 84.2 126.4
 192 17.8 13.1 19.7



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.43 min Scan# 915
 Delta R.T. 0.03 min
 Lab File: VD061083.D
 Acq: 15 Mar 2019 13:26

Tgt Ion: 98 Resp: 95161
 Ion Ratio Lower Upper
 98 100
 100 68.6 57.4 86.2





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD061083.D

Acq: 15 Mar 2019 13:26

Instrument :

MSVOA_D

ClientSampleId :

SB-1(0.5-1.5)RE

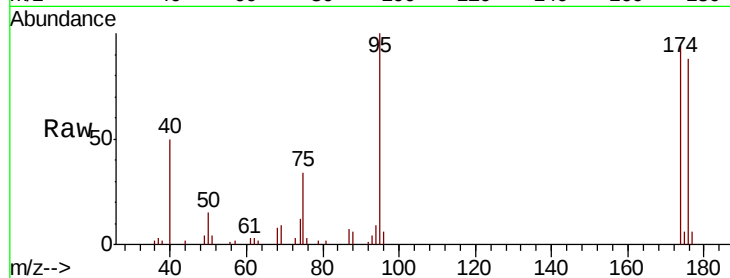
Tgt Ion: 95 Resp: 31115

Ion Ratio Lower Upper

95 100

174 94.2 0.0 155.6

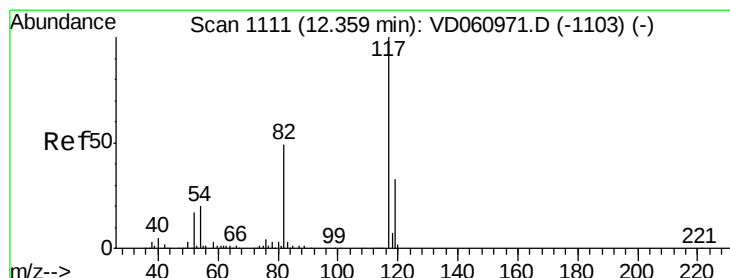
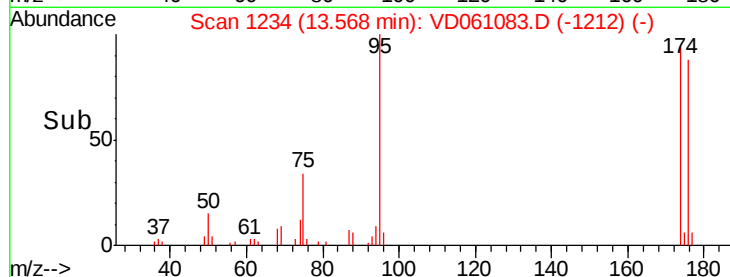
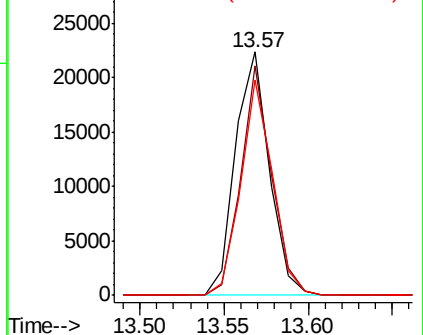
176 88.3 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.39 min Scan# 1114

Delta R.T. 0.03 min

Lab File: VD061083.D

Acq: 15 Mar 2019 13:26

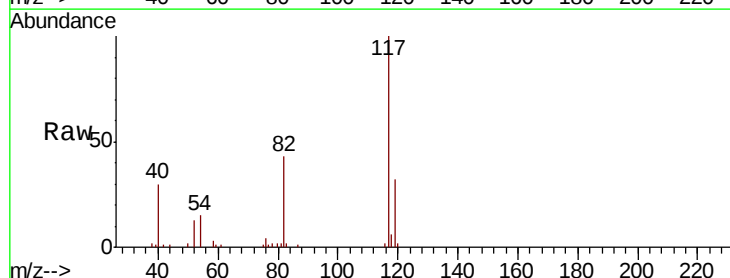
Tgt Ion: 117 Resp: 78064

Ion Ratio Lower Upper

117 100

82 43.1 38.9 58.3

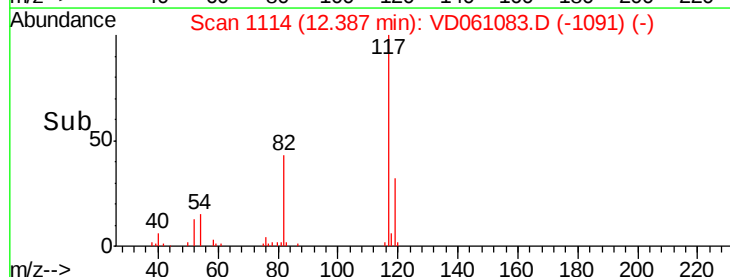
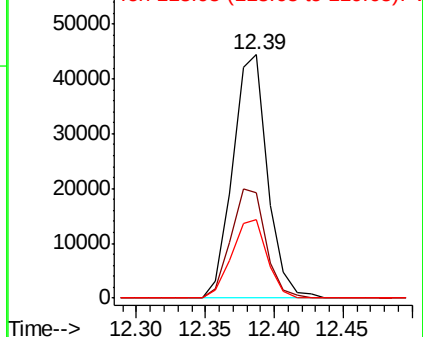
119 32.0 26.6 39.8

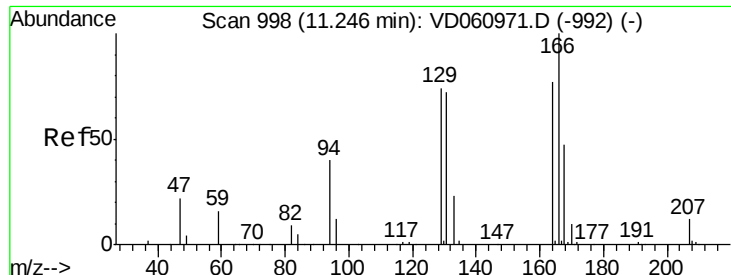


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

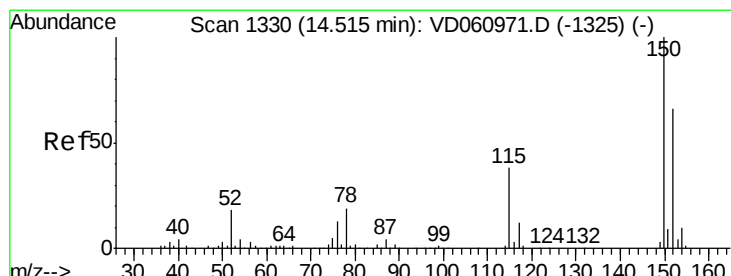
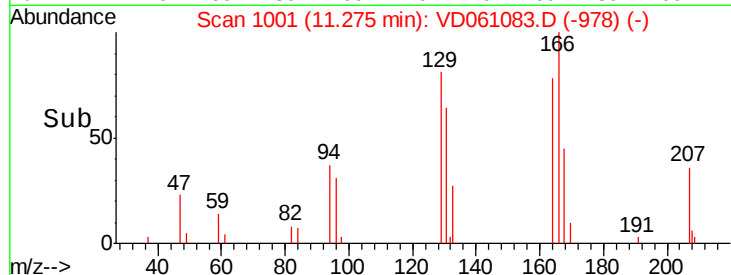
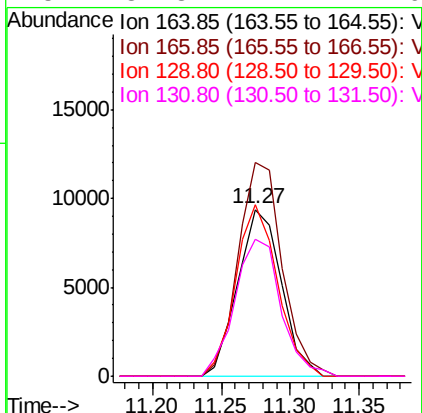
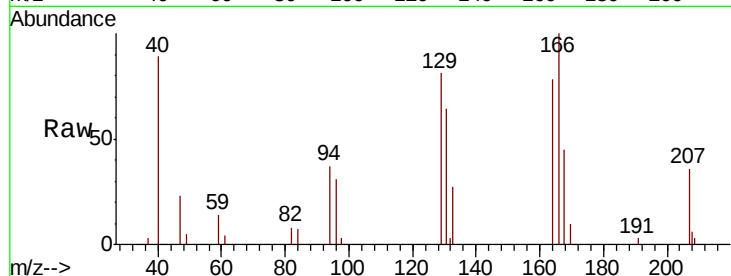




#64
Tetrachloroethene
Concen: 39.359 ug/l
RT: 11.27 min Scan# 1001
Delta R.T. 0.03 min
Lab File: VD061083.D
Acq: 15 Mar 2019 13:26

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MSVOA_D
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SB-1(0.5-1.5)RE

Tgt Ion:164 Resp: 20741
Ion Ratio Lower Upper
164 100
166 128.0 103.4 155.0
129 103.1 76.9 115.3
131 82.3 74.4 111.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. 0.02 min
Lab File: VD061083.D
Acq: 15 Mar 2019 13:26

Tgt Ion:152 Resp: 23627
Ion Ratio Lower Upper
152 100
115 50.6 28.6 85.9
150 166.5 0.0 310.6

