

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031519\
 Data File : VD061095.D
 Acq On : 15 Mar 2019 19:07
 Operator : VA/AP
 Sample : K1908-05
 Misc : 4.73g/5ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 93-94

Quant Time: Mar 16 06:35:25 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

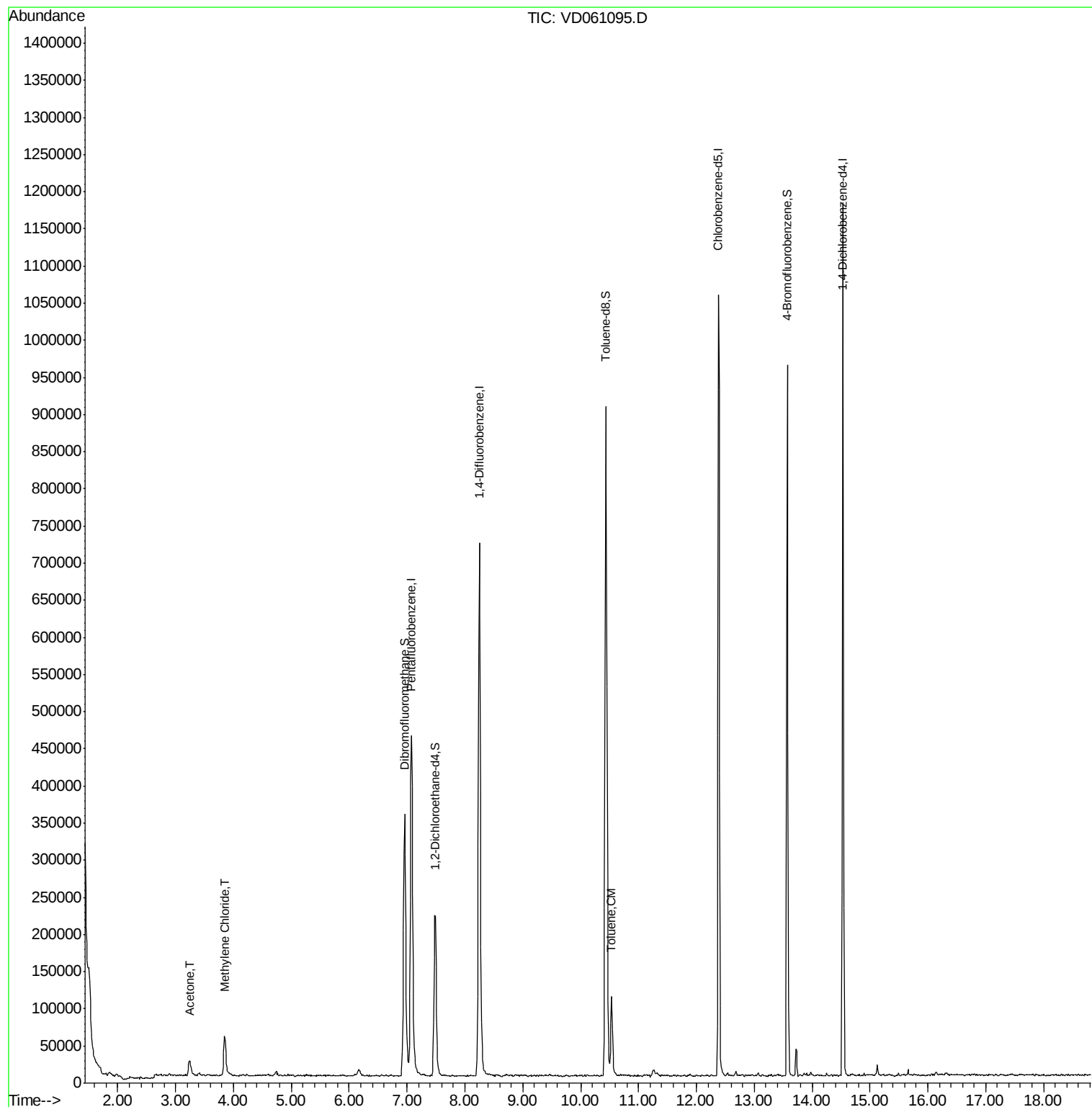
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	471198	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.25	114	883604	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	673769	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	280497	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	211559	53.94	ug/l	0.03
Spiked Amount 50.000			Recovery	=	107.88%	
35) Dibromofluoromethane	6.96	113	338268	51.58	ug/l	0.03
Spiked Amount 50.000			Recovery	=	103.16%	
50) Toluene-d8	10.43	98	815128	49.50	ug/l	0.03
Spiked Amount 50.000			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	13.57	95	303119	47.44	ug/l	0.02
Spiked Amount 50.000			Recovery	=	94.88%	
Target Compounds						
16) Acetone	3.24	43	44967	40.092	ug/l	Qvalue 100
20) Methylene Chloride	3.85	84	41827	3.877	ug/l	92
52) Toluene	10.53	92	61106	5.163	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 574

Delta R.T. 0.03 min

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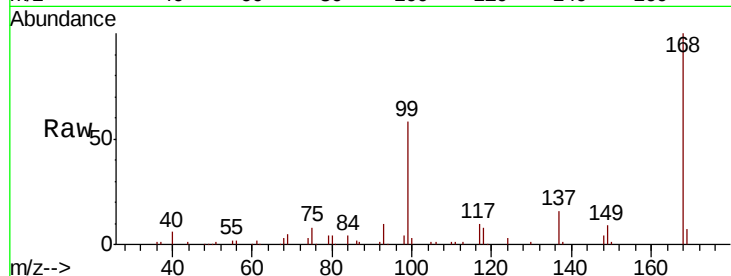
93-94

Tgt Ion:168 Resp: 471198

Ion Ratio Lower Upper

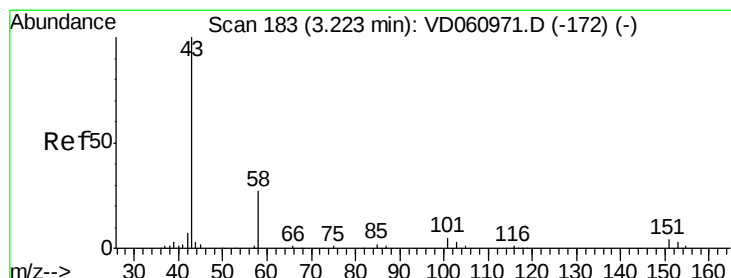
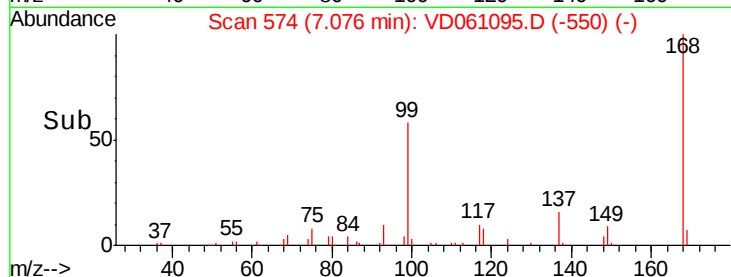
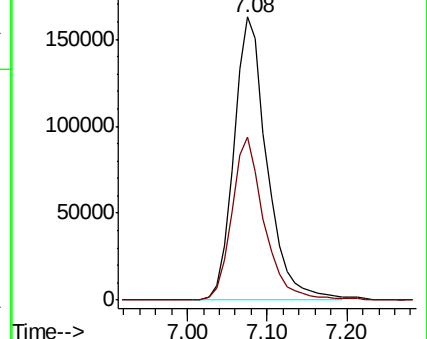
168 100

99 57.5 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: 40.092 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD061095.D

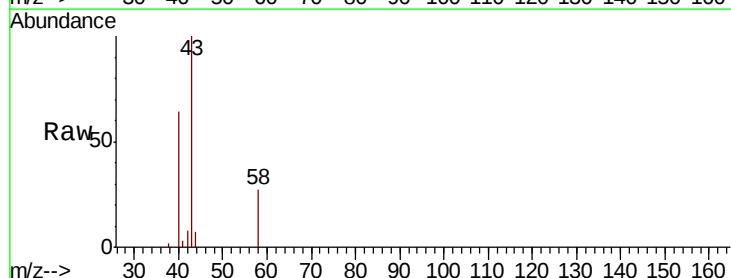
Acq: 15 Mar 2019 19:07

Tgt Ion: 43 Resp: 44967

Ion Ratio Lower Upper

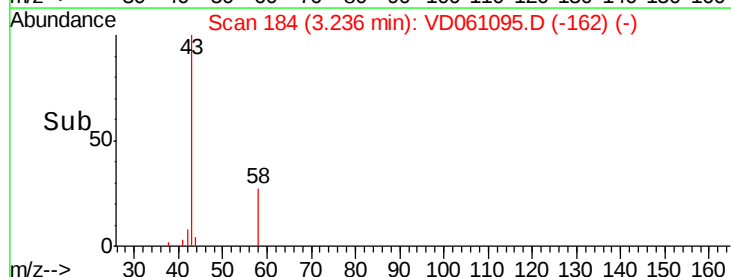
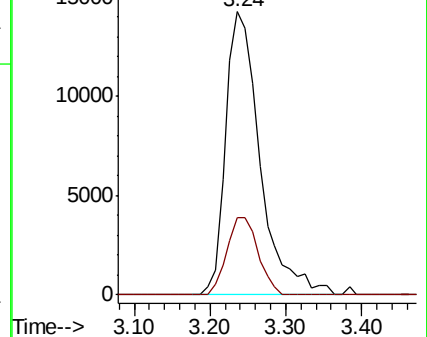
43 100

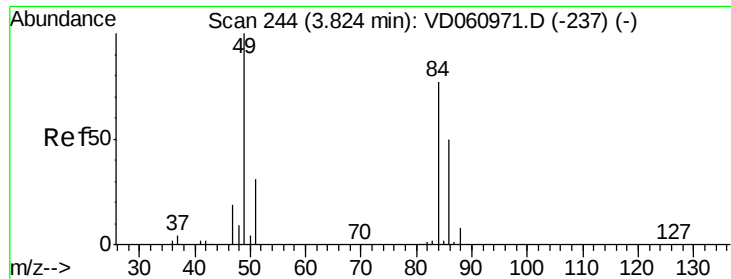
58 27.1 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

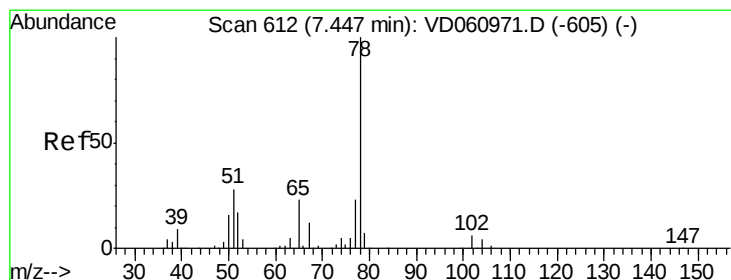
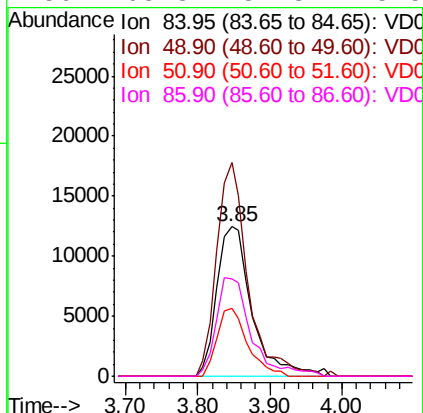
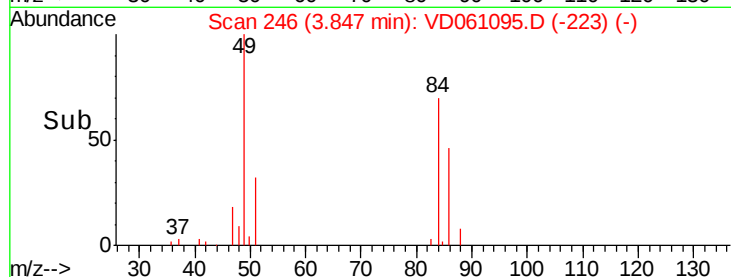
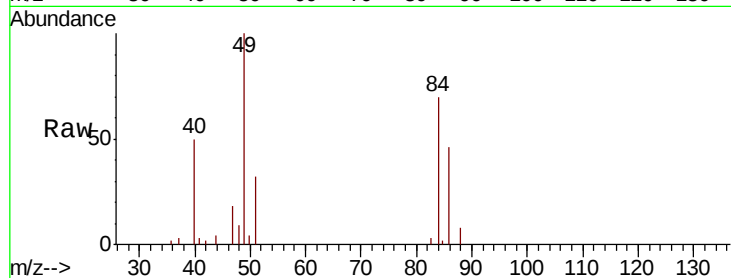




#20
Methylene Chloride
Concen: 3.877 ug/l
RT: 3.85 min Scan# 246
Delta R.T. 0.02 min
Lab File: VD061095.D
Acq: 15 Mar 2019 19:07

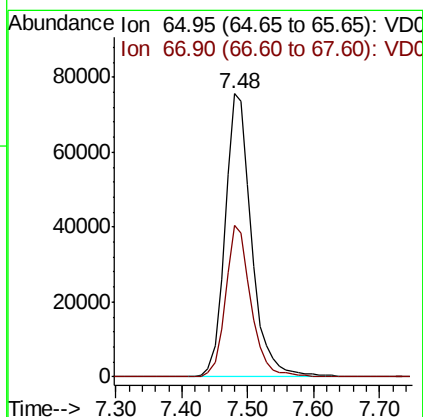
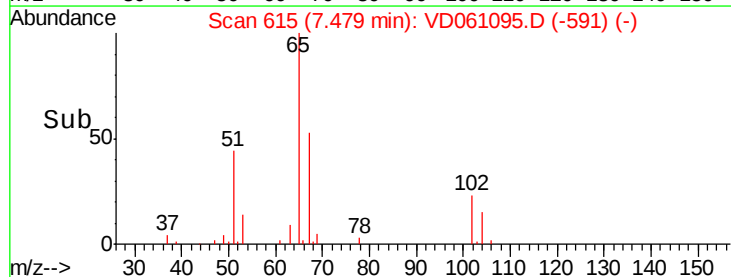
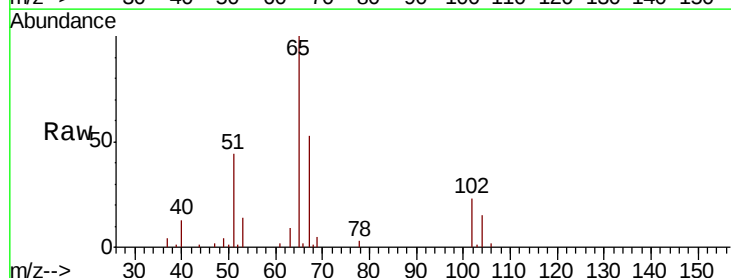
Instrument :
MSVOA_D
ClientSampleId :
93-94

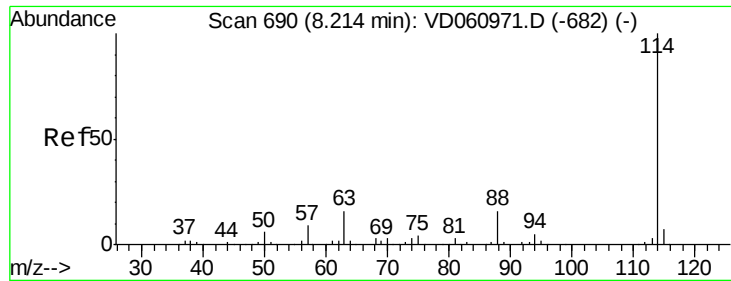
Tgt Ion:	84	Resp:	41827
Ion	Ratio	Lower	Upper
84	100		
49	143.1	104.2	156.2
51	45.6	32.3	48.5
86	65.3	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.48 min Scan# 615
Delta R.T. 0.03 min
Lab File: VD061095.D
Acq: 15 Mar 2019 19:07

Tgt Ion:	65	Resp:	211559
Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.2

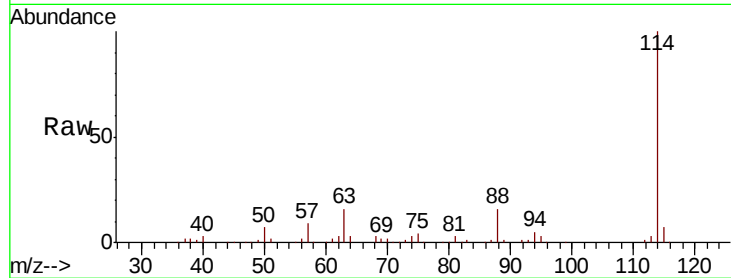




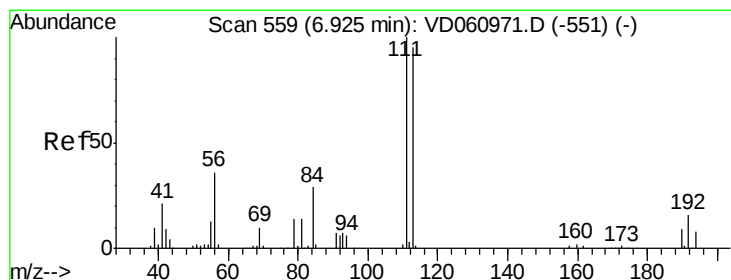
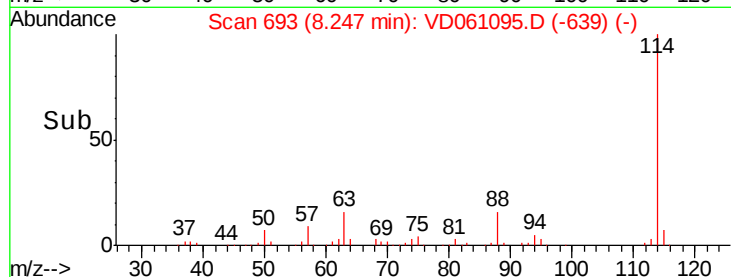
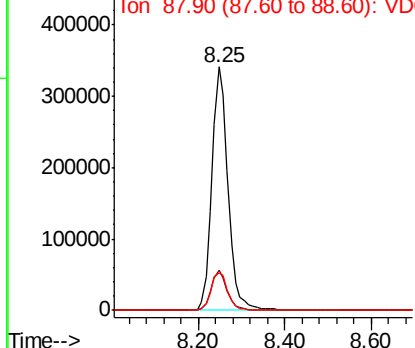
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.25 min Scan# 693
 Delta R.T. 0.03 min
 Lab File: VD061095.D
 Acq: 15 Mar 2019 19:07

Instrument :
 MSVOA_D
 ClientSampleId :
 93-94

Tgt Ion:114 Resp: 883604
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 31.4
 88 15.5 0.0 33.0

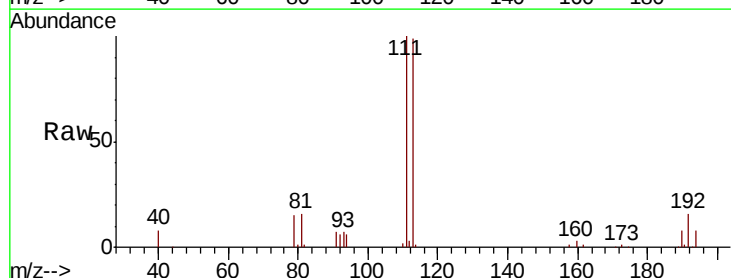


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

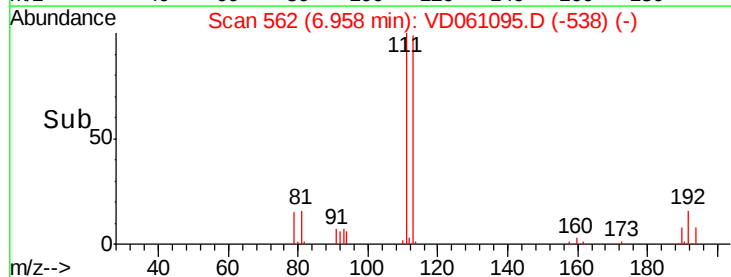
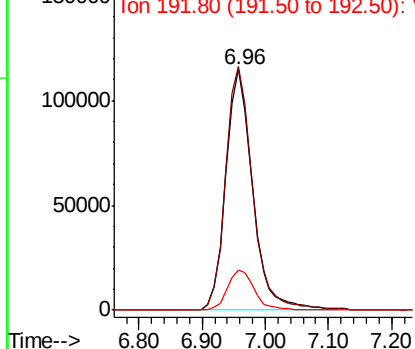


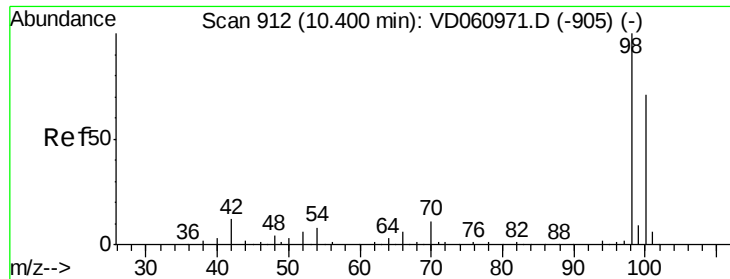
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.96 min Scan# 562
 Delta R.T. 0.03 min
 Lab File: VD061095.D
 Acq: 15 Mar 2019 19:07

Tgt Ion:113 Resp: 338268
 Ion Ratio Lower Upper
 113 100
 111 101.1 84.2 126.4
 192 16.6 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

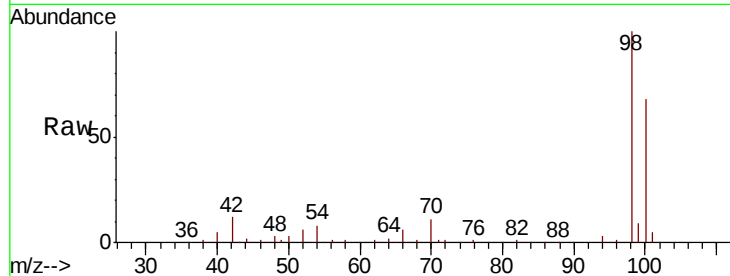




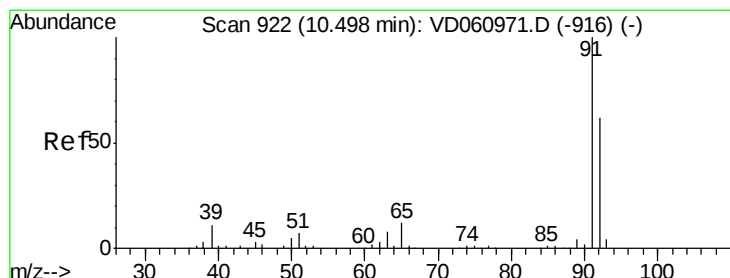
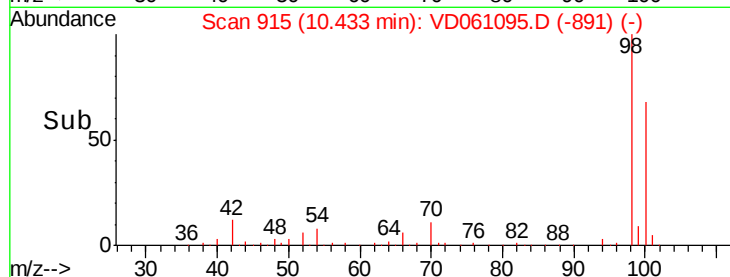
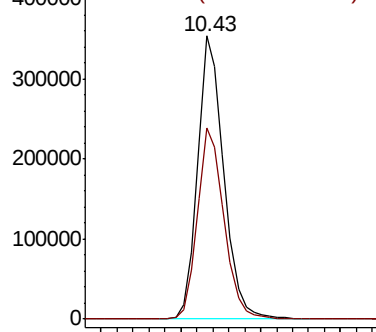
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.03 min
Lab File: VD061095.D
Acq: 15 Mar 2019 19:07

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 98 Resp: 815128
Ion Ratio Lower Upper
98 100
100 67.6 57.4 86.2

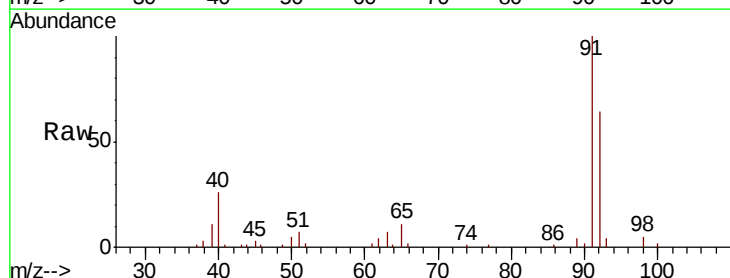


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

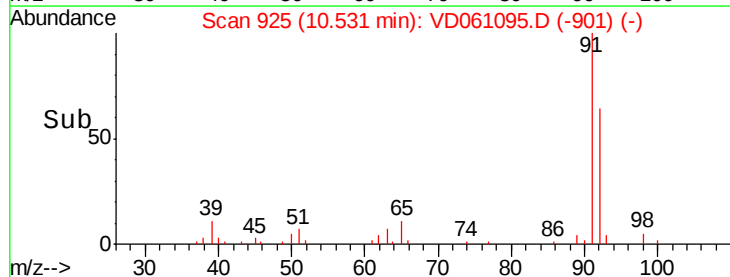
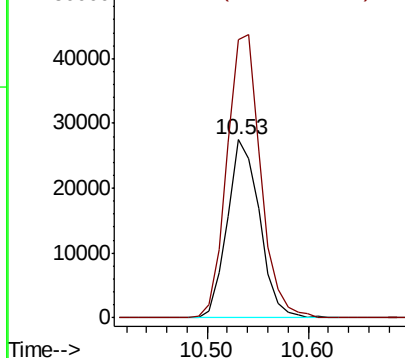


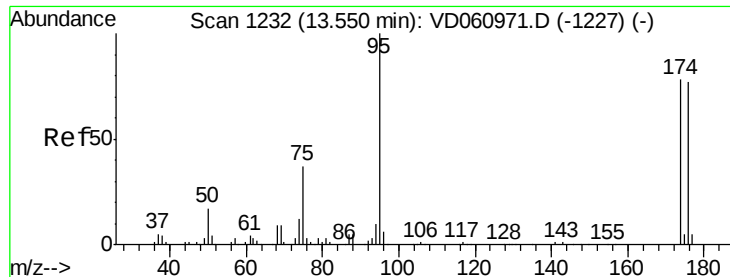
#52
Toluene
Concen: 5.163 ug/l
RT: 10.53 min Scan# 925
Delta R.T. 0.03 min
Lab File: VD061095.D
Acq: 15 Mar 2019 19:07

Tgt Ion: 92 Resp: 61106
Ion Ratio Lower Upper
92 100
91 156.4 129.8 194.8



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD061095.D

Acq: 15 Mar 2019 19:07

Instrument :

MSVOA_D

ClientSampleID :

93-94

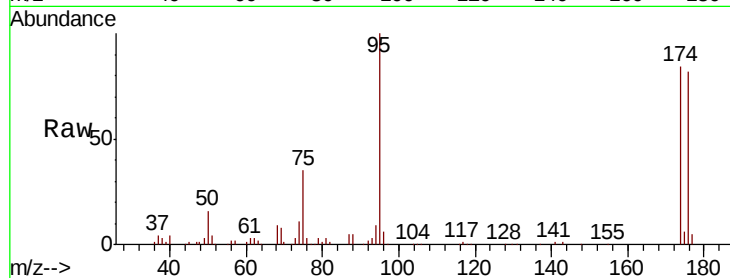
Tgt Ion: 95 Resp: 303119

Ion Ratio Lower Upper

95 100

174 83.9 0.0 155.6

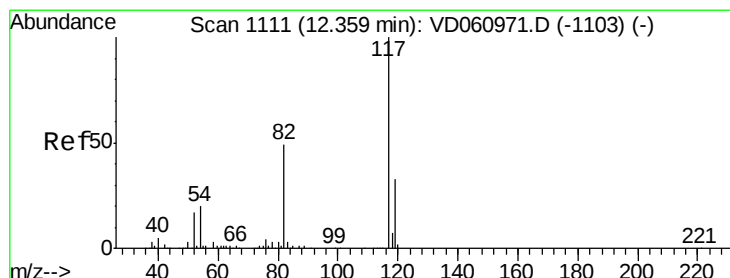
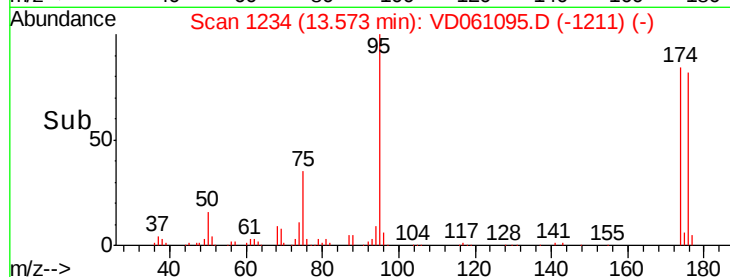
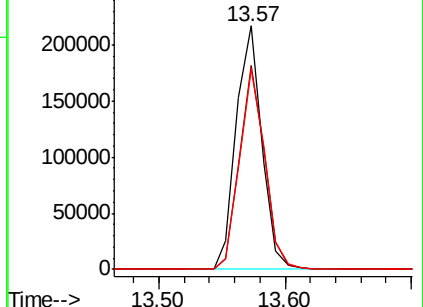
176 82.3 0.0 153.8



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: 12.38 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VD061095.D

Acq: 15 Mar 2019 19:07

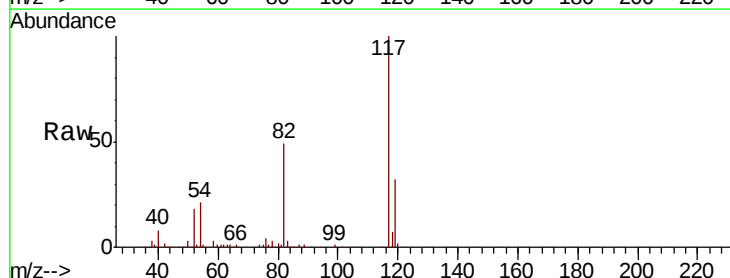
Tgt Ion: 117 Resp: 673769

Ion Ratio Lower Upper

117 100

82 49.2 38.9 58.3

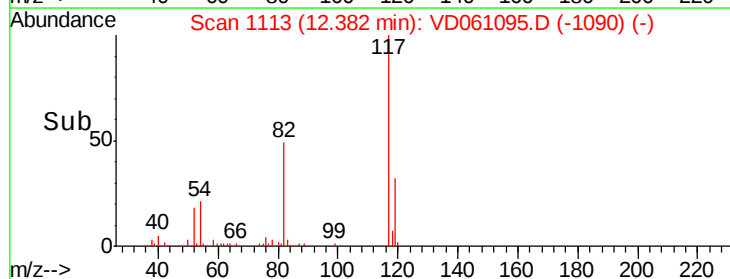
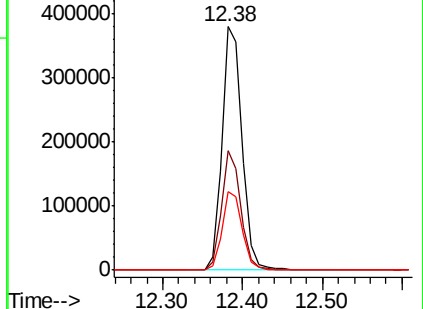
119 32.4 26.6 39.8

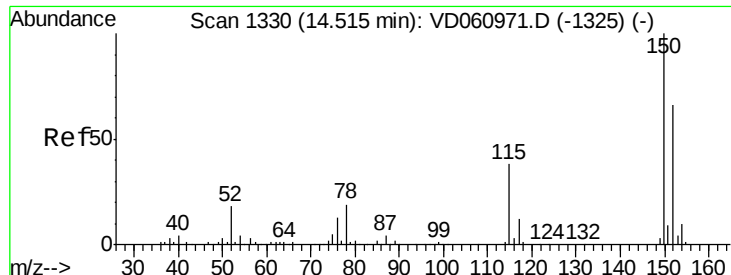


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.53 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD061095.D
 Acq: 15 Mar 2019 19:07

Instrument :
 MSVOA_D
 ClientSampleId :
 93-94

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.7	28.6	85.9
150	158.9	0.0	310.6

