

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040519\
 Data File : VD061633.D
 Acq On : 5 Apr 2019 20:53
 Operator : VA/AP
 Sample : K2240-03
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-COMP

Quant Time: Apr 06 01:26:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

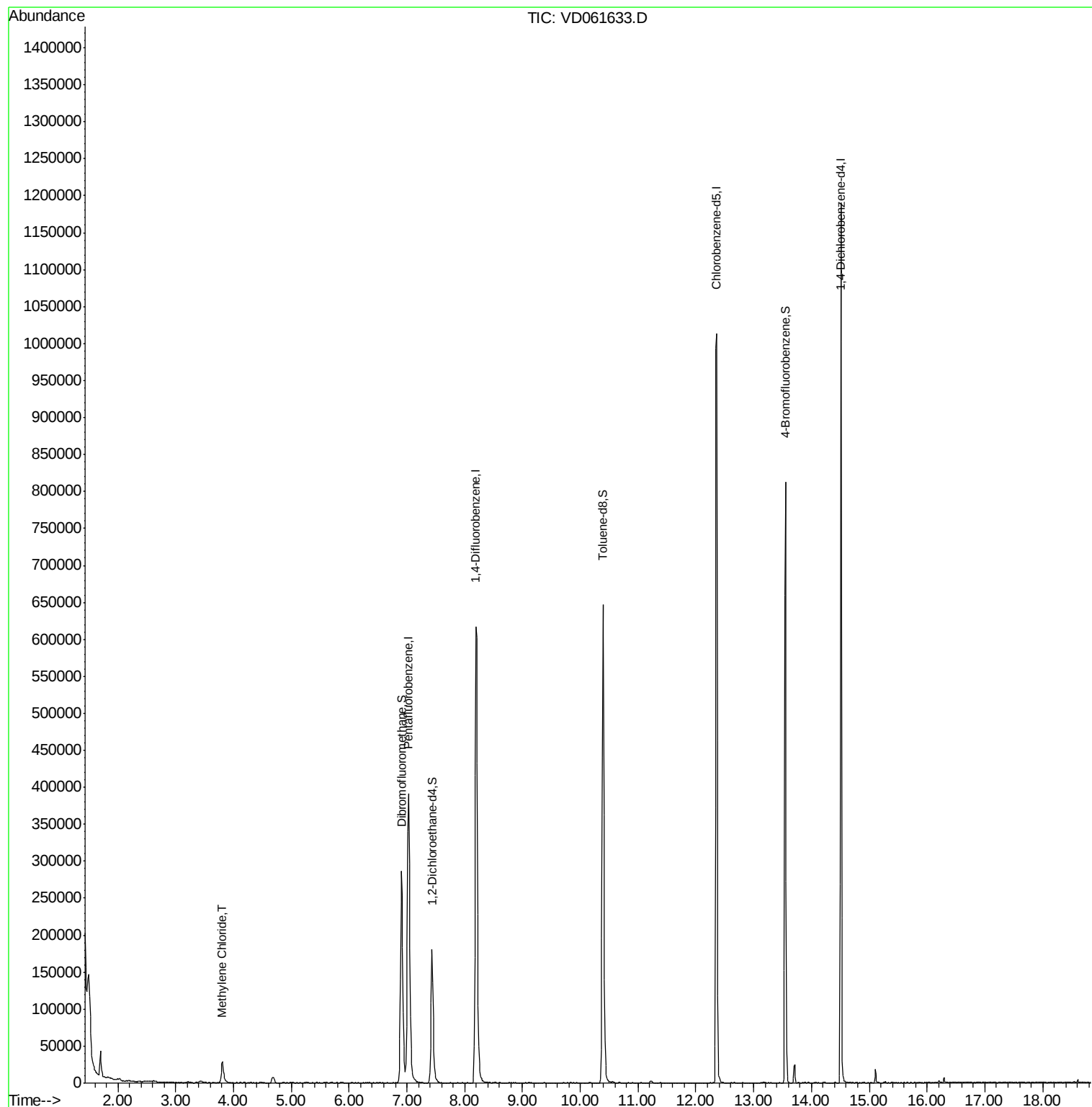
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	449219	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.20	114	792438	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	680986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	288296	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	182558	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
35) Dibromofluoromethane	6.91	113	276363	45.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.28%	
50) Toluene-d8	10.39	98	592449	40.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.58%	
62) 4-Bromofluorobenzene	13.55	95	261377	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
Target Compounds						
20) Methylene Chloride	3.81	84	23314	2.391	ug/l	Qvalue 90

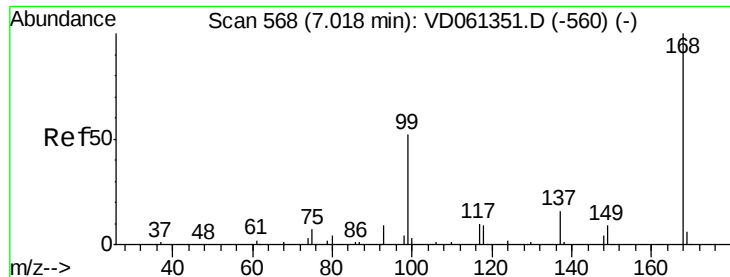
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. 0.02 min

Lab File: VD061633.D

Acq: 5 Apr 2019 20:53

Instrument :

MSVOA_D

ClientSampleId :

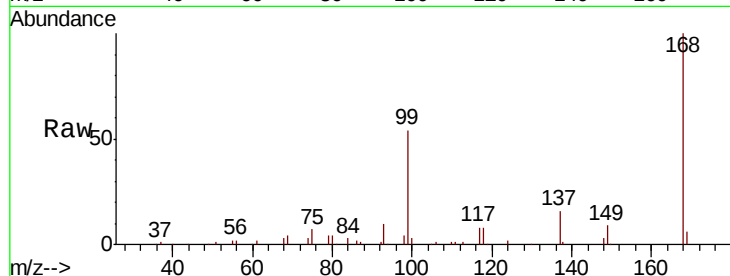
SB-01-COMP

Tot Ion:168 Resp: 449219

Ion Ratio Lower Upper

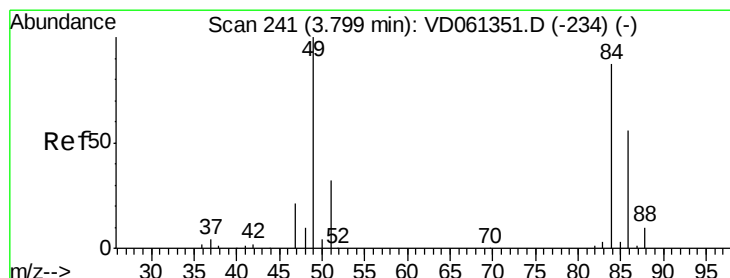
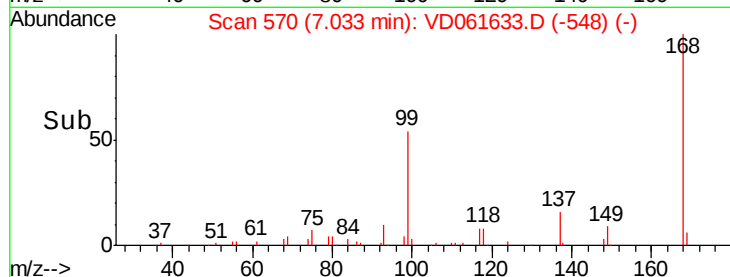
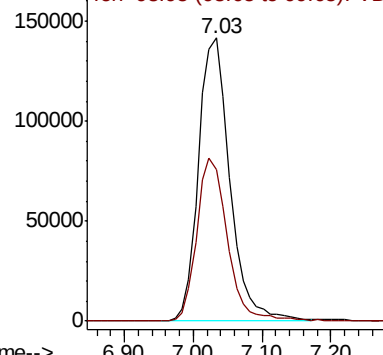
168 100

99 53.6 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 2.391 ug/l

RT: 3.81 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD061633.D

Acq: 5 Apr 2019 20:53

Tgt Ion: 84 Resp: 23314

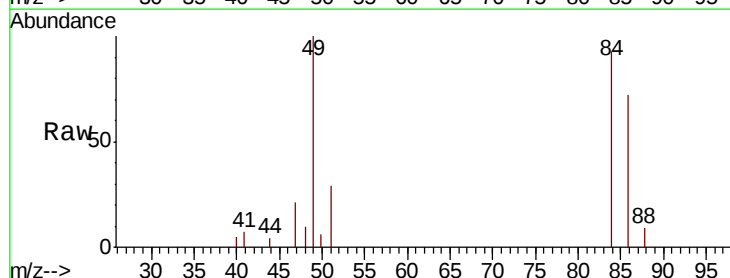
Ion Ratio Lower Upper

84 100

49 107.0 91.8 137.8

51 31.2 29.8 44.8

86 77.3 51.8 77.6

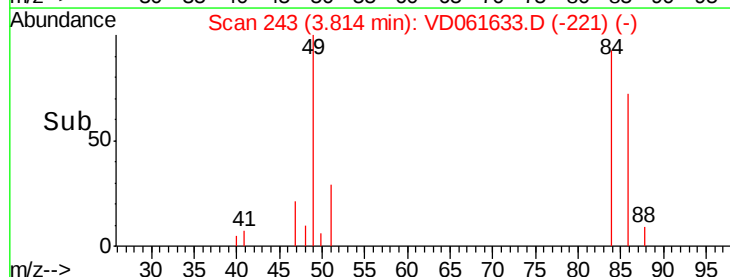
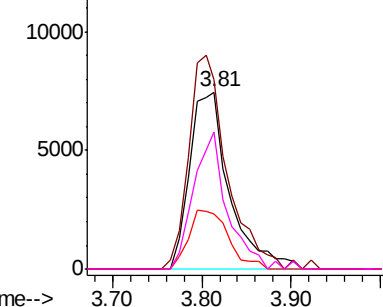


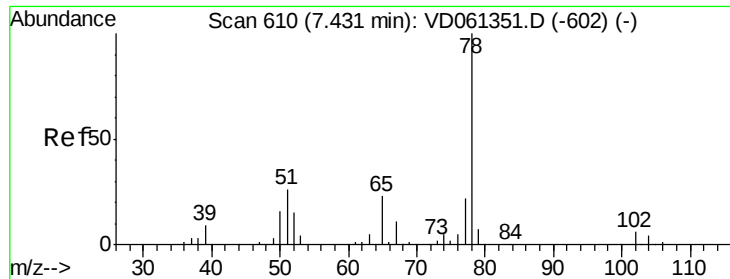
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

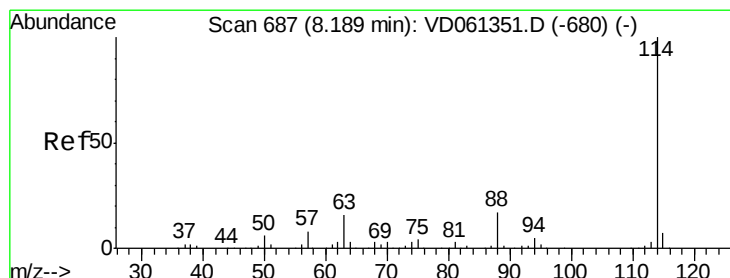
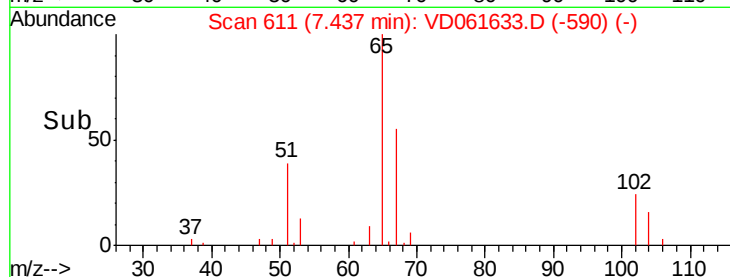
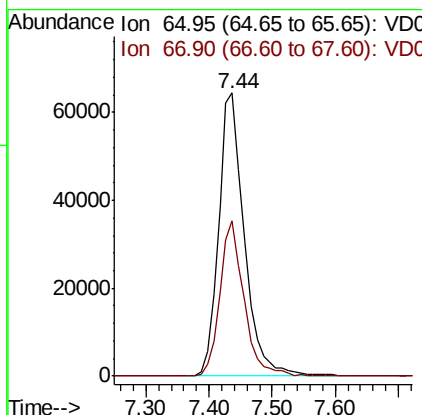
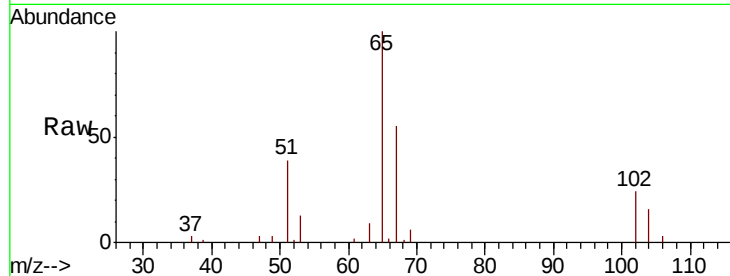




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: VD061633.D
 Acq: 5 Apr 2019 20:53

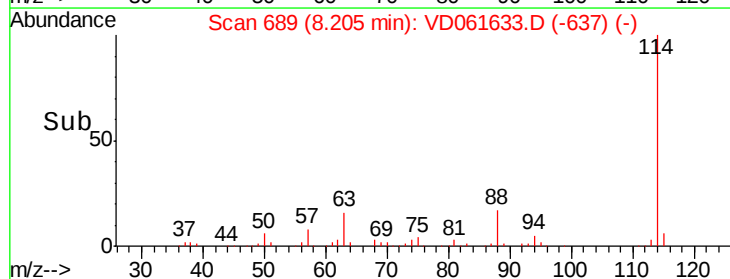
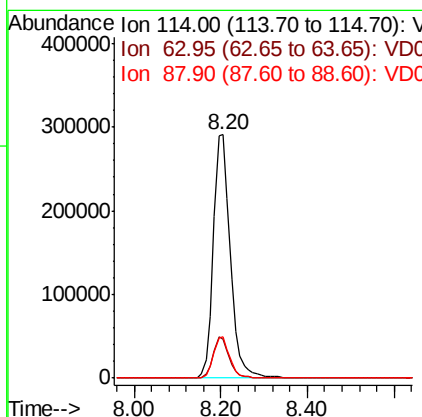
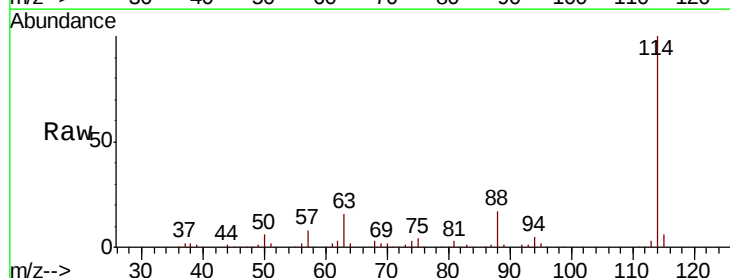
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-COMP

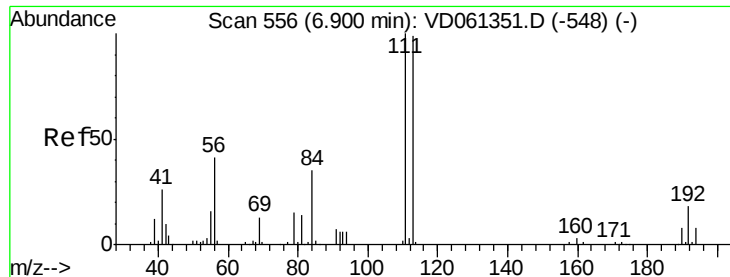
Tot Ion: 65 Resp: 182558
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. 0.02 min
 Lab File: VD061633.D
 Acq: 5 Apr 2019 20:53

Tgt Ion: 114 Resp: 792438
 Ion Ratio Lower Upper
 114 100
 63 15.7 0.0 31.6
 88 16.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.91 min Scan# 557

Delta R.T. 0.01 min

Lab File: VD061633.D

Acq: 5 Apr 2019 20:53

Instrument :

MSVOA_D

ClientSampleId :

SB-01-COMP

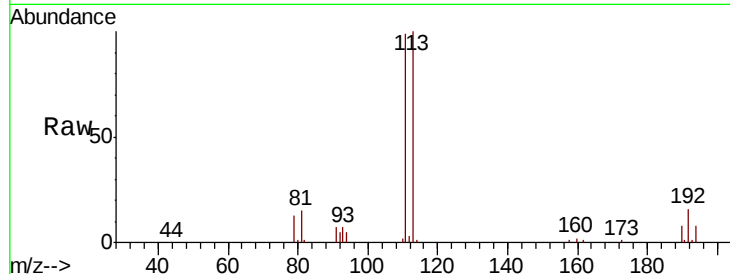
Tot Ion:113 Resp: 276363

Ion Ratio Lower Upper

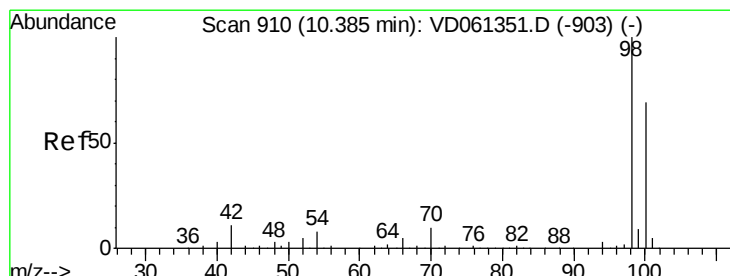
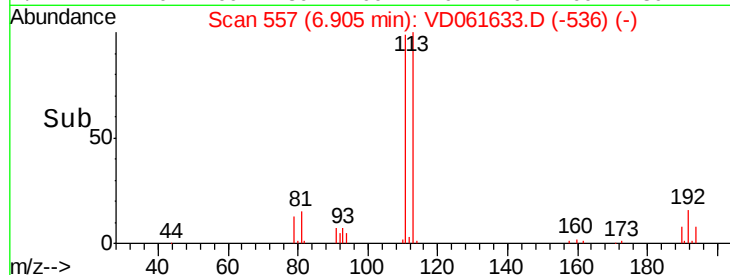
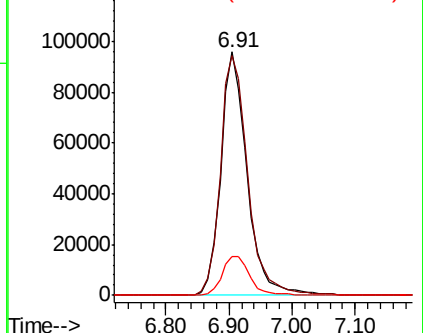
113 100

111 98.6 81.0 121.6

192 15.9 14.4 21.6



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: 10.39 min Scan# 911

Delta R.T. 0.01 min

Lab File: VD061633.D

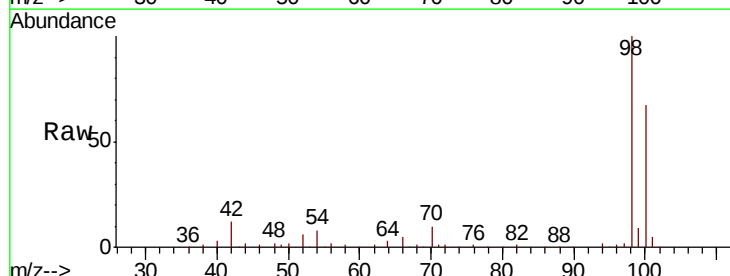
Acq: 5 Apr 2019 20:53

Tgt Ion: 98 Resp: 592449

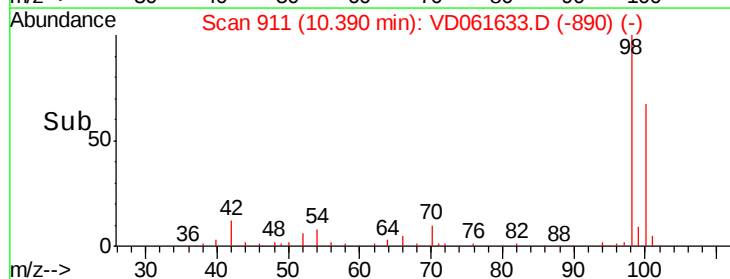
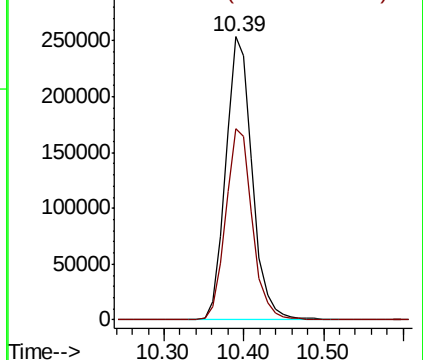
Ion Ratio Lower Upper

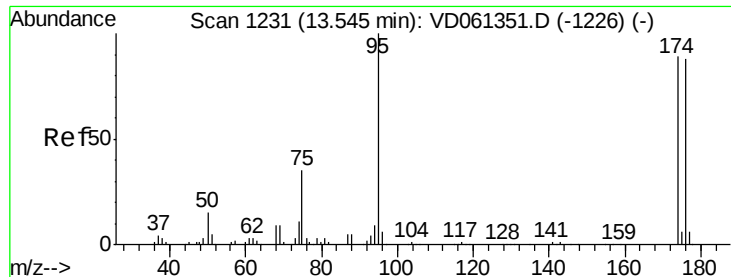
98 100

100 67.4 56.2 84.2



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

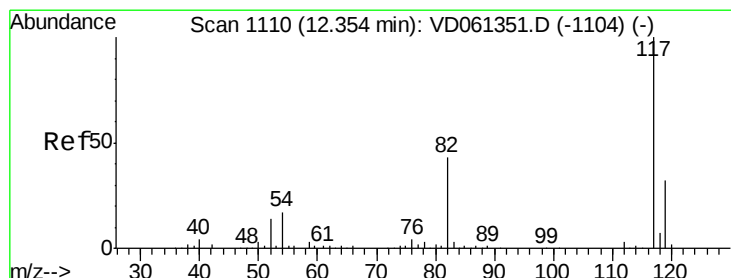
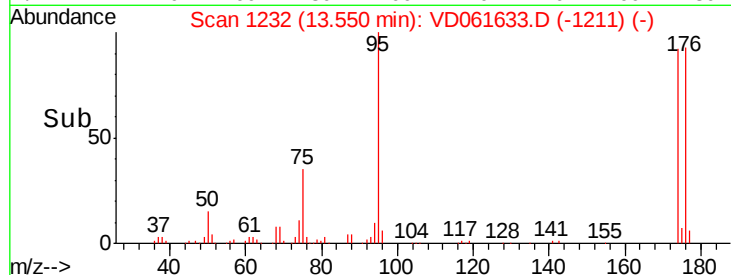
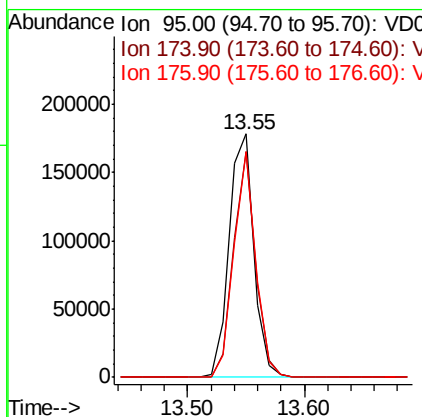
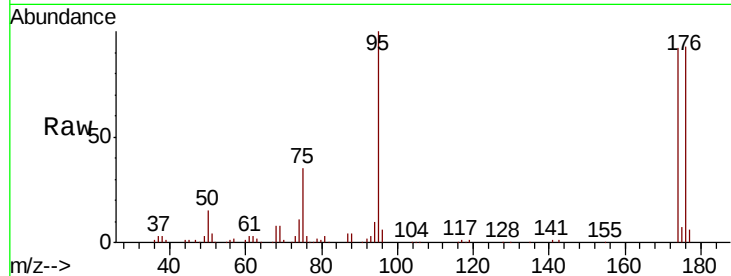




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061633.D
Acq: 5 Apr 2019 20:53

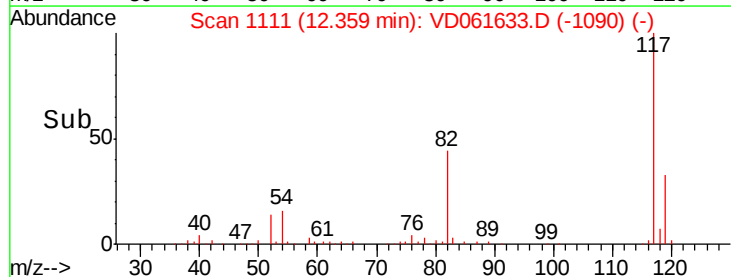
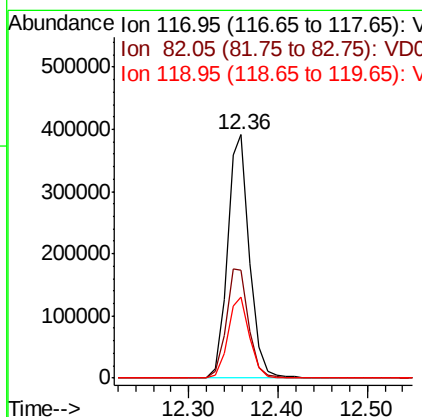
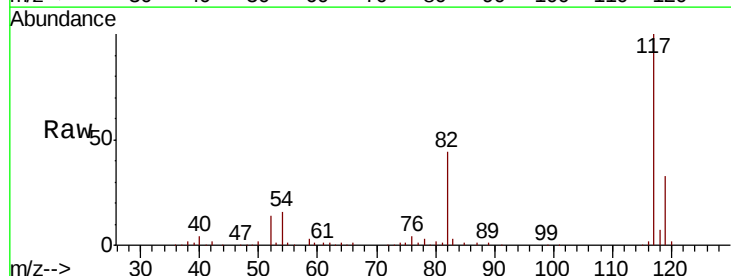
Instrument :
MSVOA_D
ClientSampleId :
SB-01-COMP

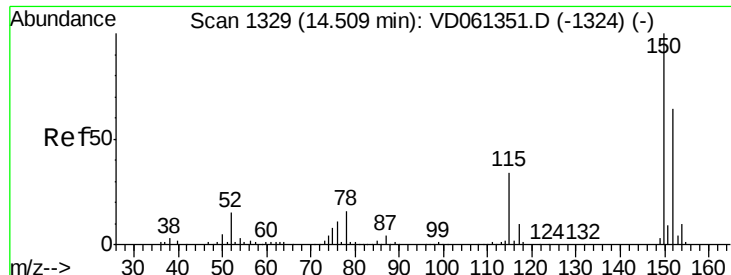
Tot Ion: 95 Resp: 261377
Ion Ratio Lower Upper
95 100
174 92.5 0.0 178.0
176 92.6 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061633.D
Acq: 5 Apr 2019 20:53

Tgt Ion: 117 Resp: 680986
Ion Ratio Lower Upper
117 100
82 44.3 34.4 51.6
119 33.2 25.8 38.6

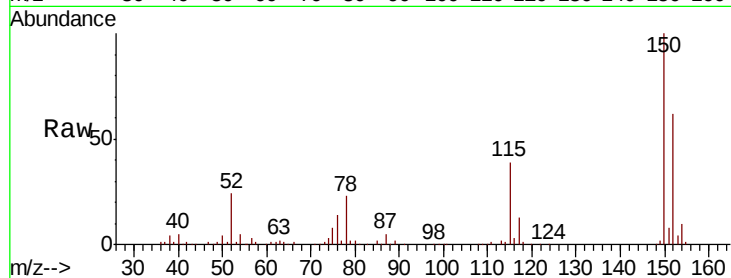




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.50 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: VD061633.D
 Acq: 5 Apr 2019 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.9	26.9	80.6
150	161.2	0.0	318.0



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

