

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031619\
 Data File : VD061112.D
 Acq On : 16 Mar 2019 16:32
 Operator : VA/AP
 Sample : K1911-01
 Misc : 3.33g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

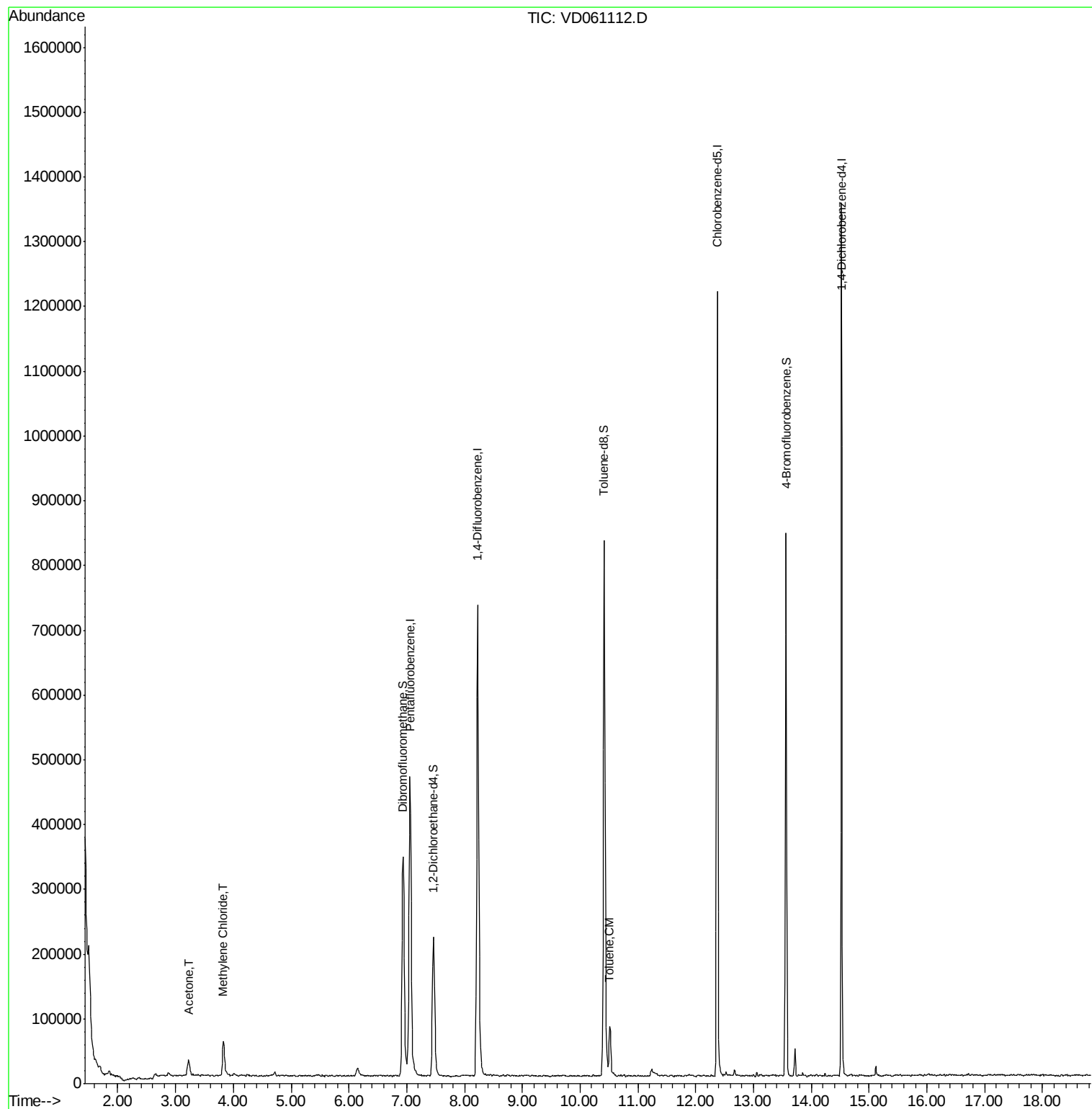
Quant Time: Mar 18 04:30:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

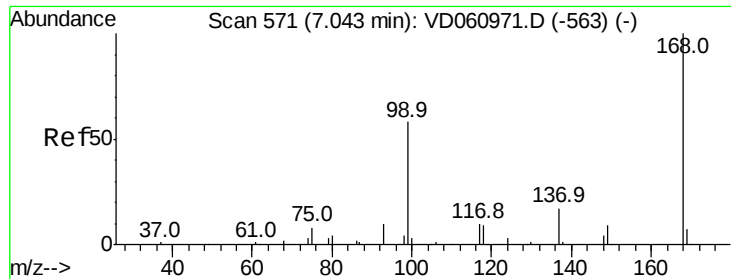
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	478474	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	911360	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	751587	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	312716	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	208734	52.41	ug/l	0.01
Spiked Amount 50.000			Recovery	=	104.82%	
35) Dibromofluoromethane	6.94	113	333441	49.30	ug/l	0.01
Spiked Amount 50.000			Recovery	=	98.60%	
50) Toluene-d8	10.41	98	727865	42.85	ug/l	0.01
Spiked Amount 50.000			Recovery	=	85.70%	
62) 4-Bromofluorobenzene	13.56	95	274556	41.66	ug/l	0.01
Spiked Amount 50.000			Recovery	=	83.32%	
Target Compounds						
16) Acetone	3.23	43	49216	43.214	ug/l	95
20) Methylene Chloride	3.83	84	38299	2.990	ug/l	93
52) Toluene	10.51	92	43552	3.568	ug/l	97

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD061112.D

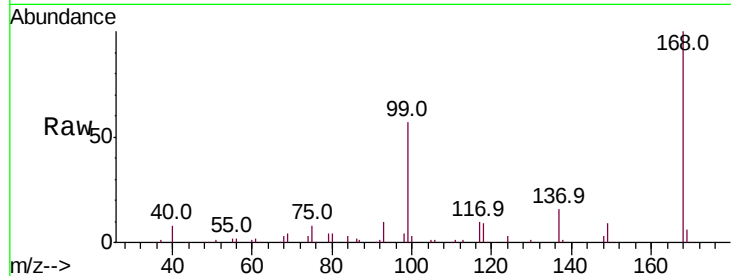
Acq: 16 Mar 2019 16:32

Tot Ion:168 Resp: 478474

Ion Ratio Lower Upper

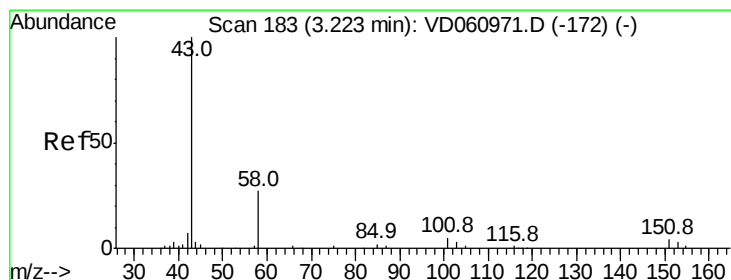
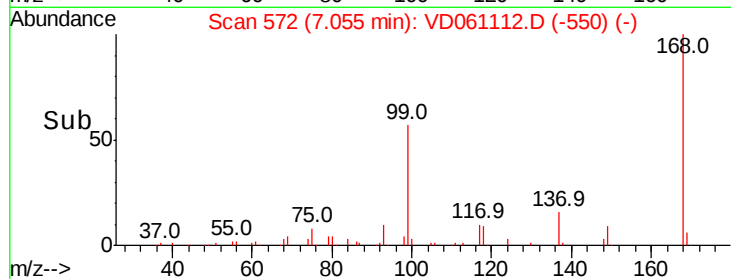
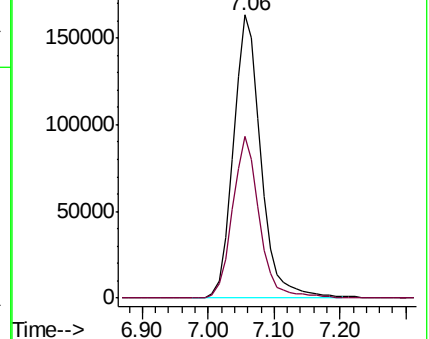
168 100

99 57.1 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: 43.214 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD061112.D

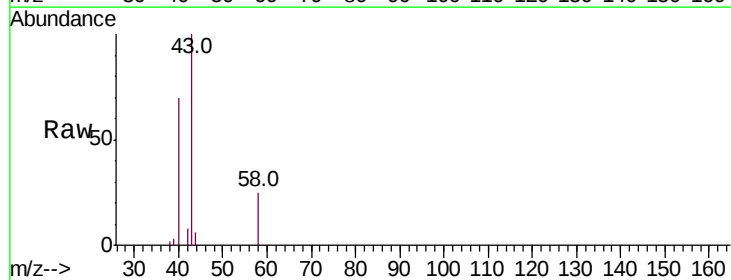
Acq: 16 Mar 2019 16:32

Tgt Ion: 43 Resp: 49216

Ion Ratio Lower Upper

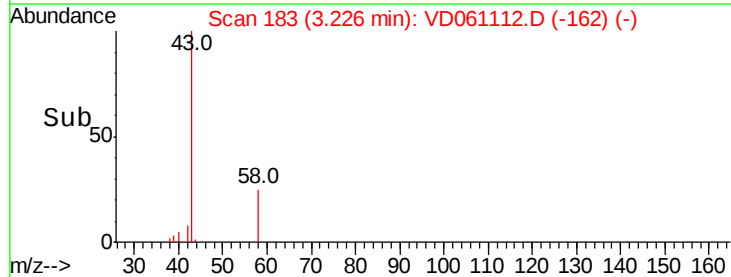
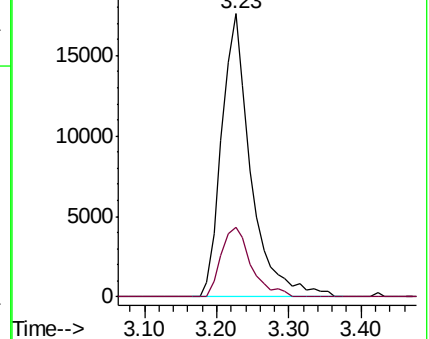
43 100

58 24.6 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

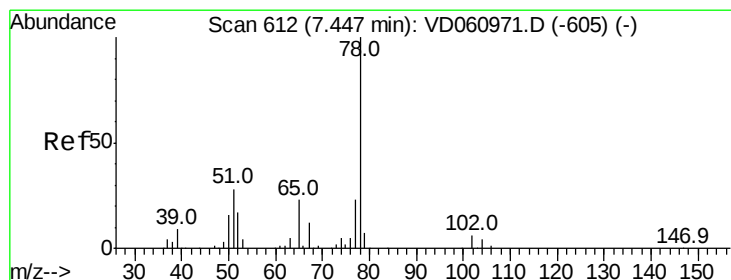
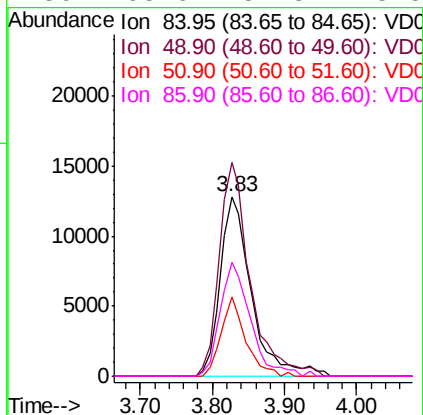
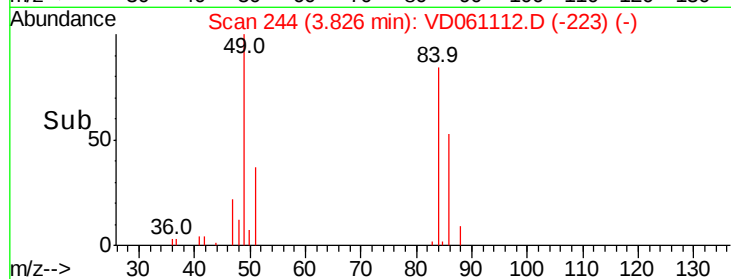
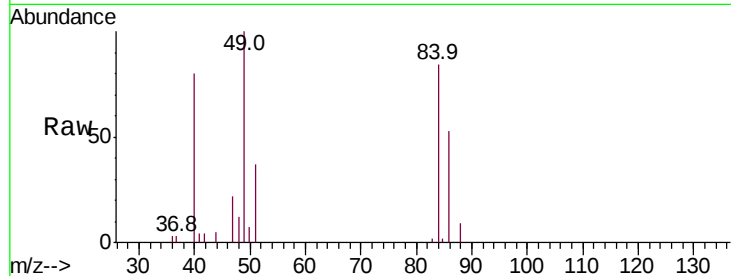
Ion 57.95 (57.65 to 58.65): VDC





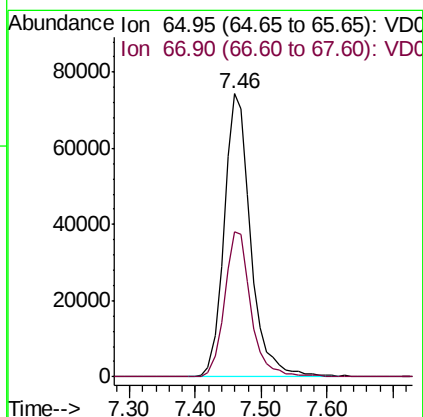
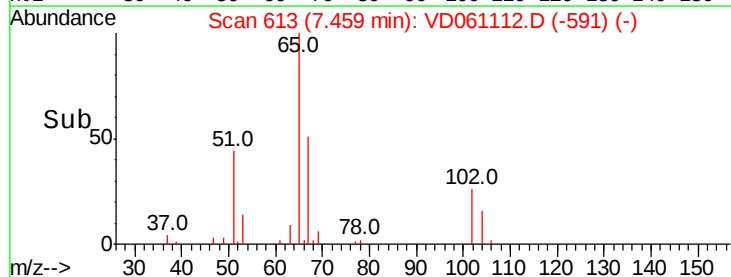
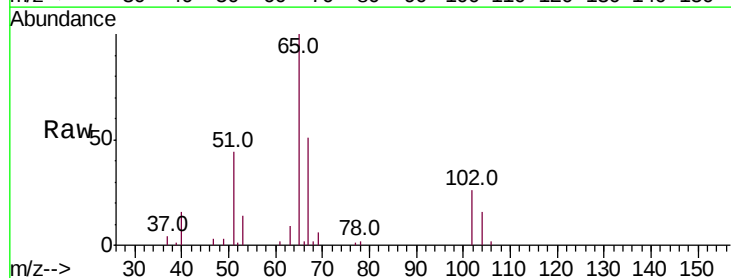
#20
Methvlene Chloride
Concen: 2.990 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.00 min
Lab File: VD061112.D
Acq: 16 Mar 2019 16:32

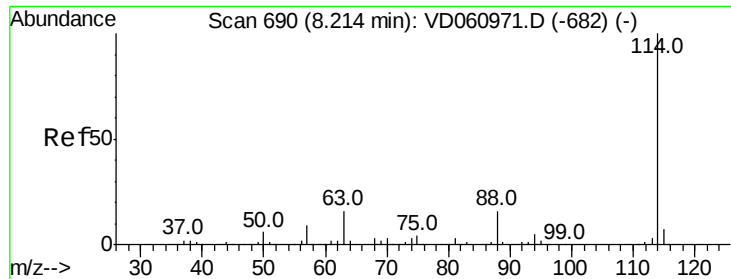
Tot Ion:	84	Resp:	38299
Ion	Ratio	Lower	Upper
84	100		
49	118.9	104.2	156.2
51	44.0	32.3	48.5
86	63.6	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.01 min
Lab File: VD061112.D
Acq: 16 Mar 2019 16:32

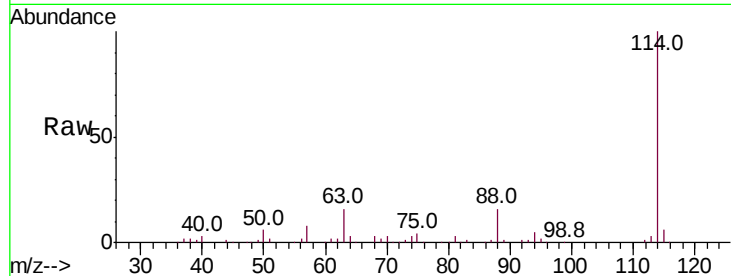
Tgt Ion:	65	Resp:	208734
Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	105.2



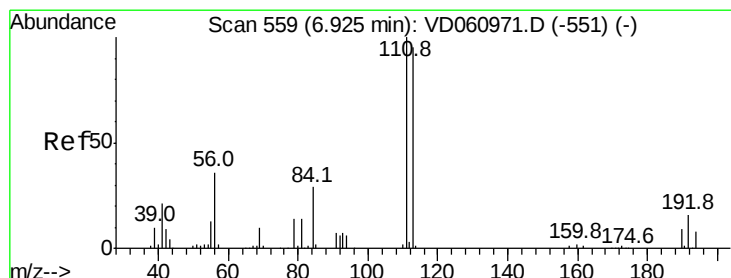
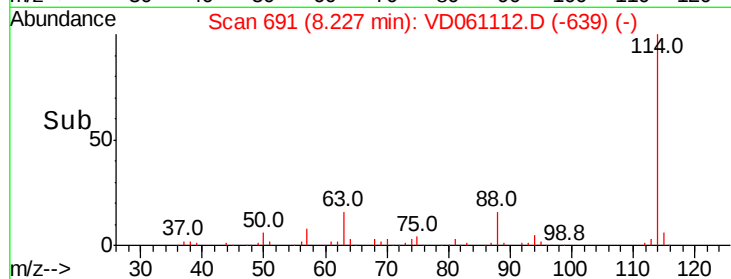
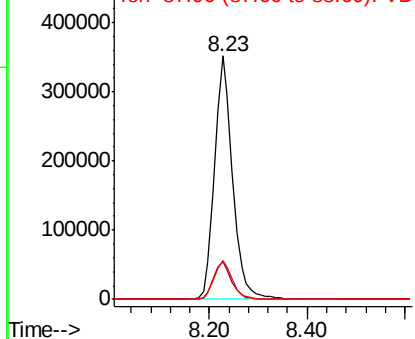


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD061112.D
 Acq: 16 Mar 2019 16:32

Tot Ion:114 Resp: 911360
 Ion Ratio Lower Upper
 114 100
 63 15.5 0.0 31.4
 88 16.2 0.0 33.0

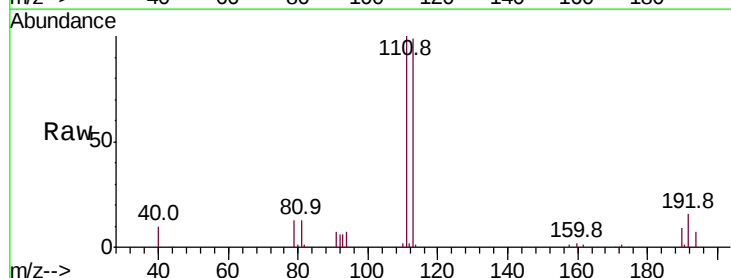


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

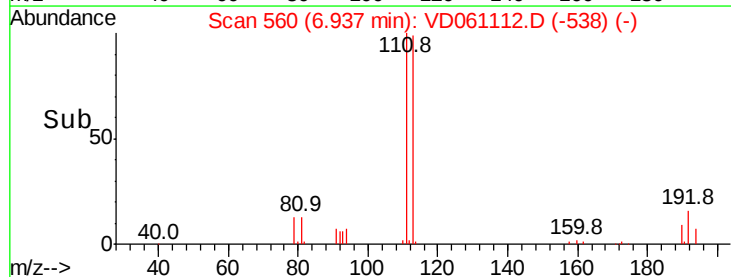
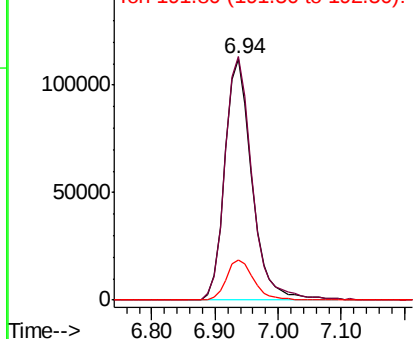


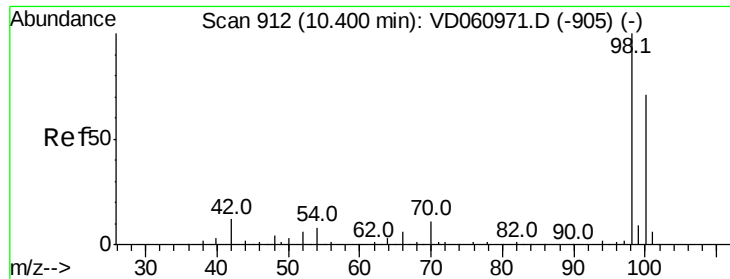
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD061112.D
 Acq: 16 Mar 2019 16:32

Tgt Ion:113 Resp: 333441
 Ion Ratio Lower Upper
 113 100
 111 101.0 84.2 126.4
 192 16.5 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: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD061112.D

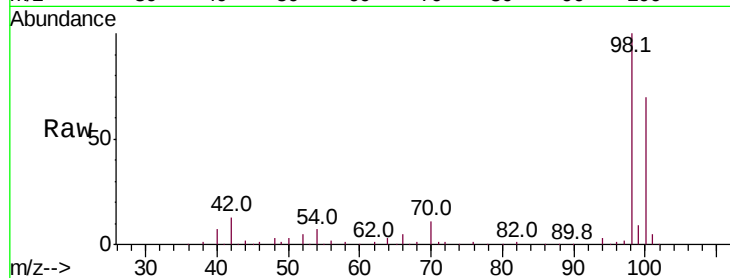
Acq: 16 Mar 2019 16:32

Tot Ion: 98 Resp: 727865

Ion Ratio Lower Upper

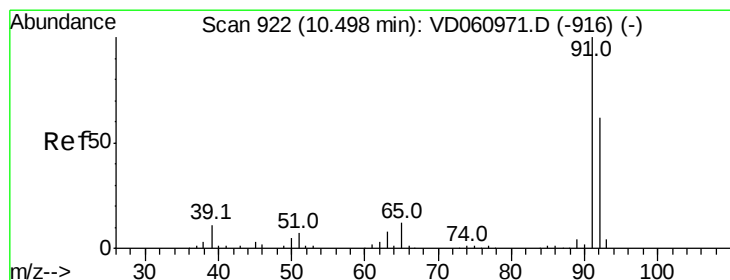
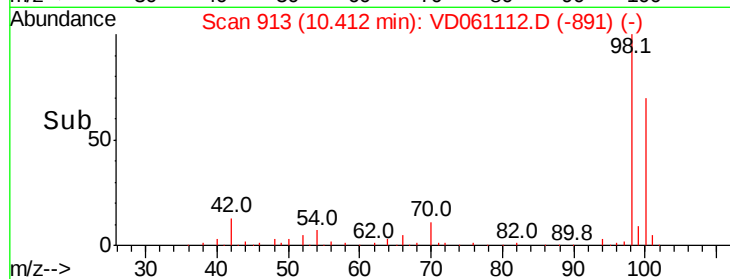
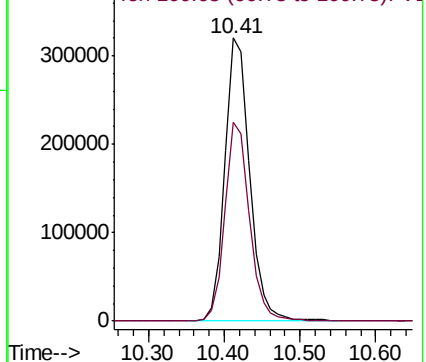
98 100

100 70.1 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: 3.568 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.01 min

Lab File: VD061112.D

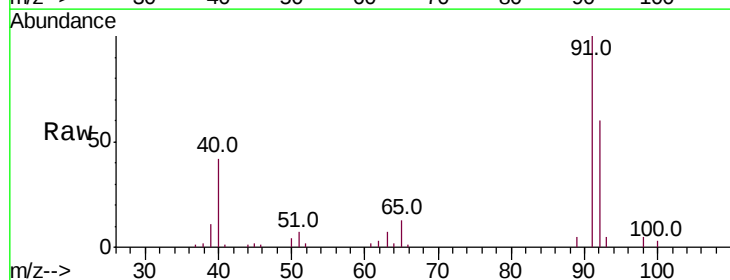
Acq: 16 Mar 2019 16:32

Tgt Ion: 92 Resp: 43552

Ion Ratio Lower Upper

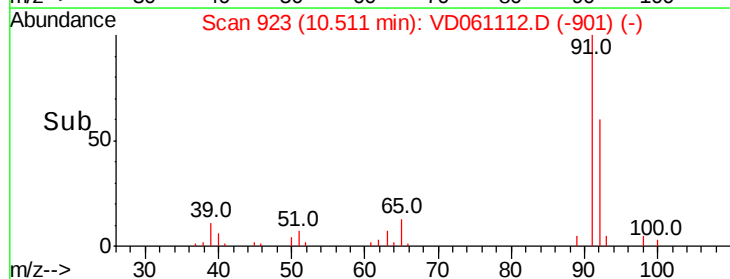
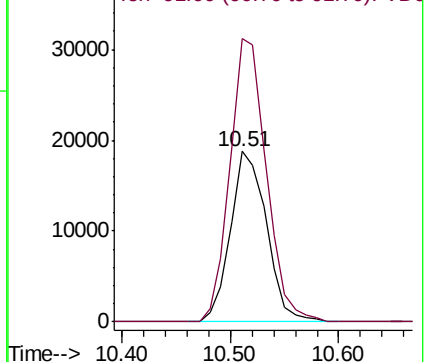
92 100

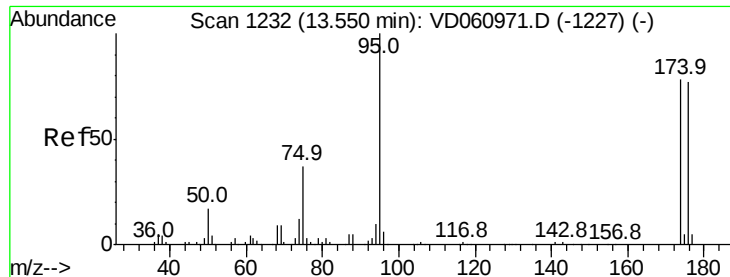
91 165.8 129.8 194.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

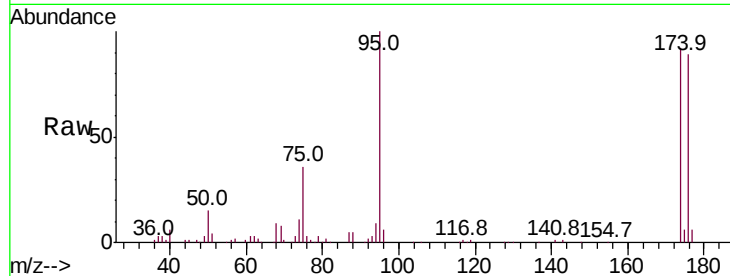
Ion 91.00 (90.70 to 91.70): VDC



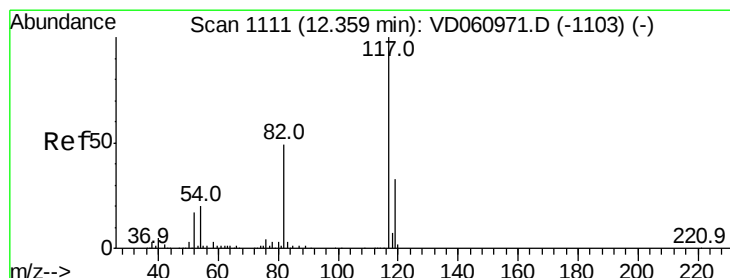
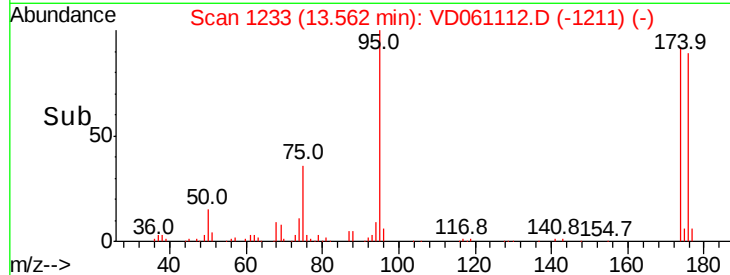
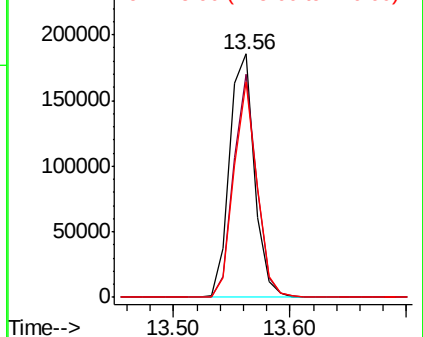


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061112.D
Acq: 16 Mar 2019 16:32

Tot Ion	Ratio	Lower	Upper
95	100		
174	91.6	0.0	155.6
176	88.6	0.0	153.8

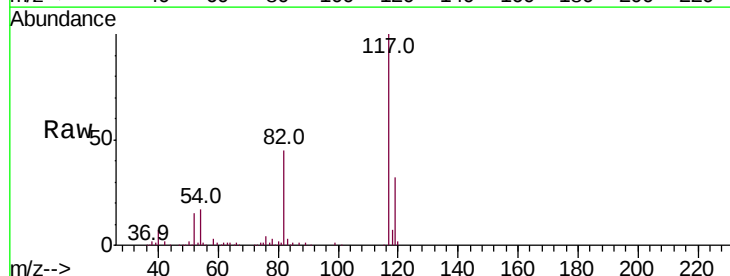


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

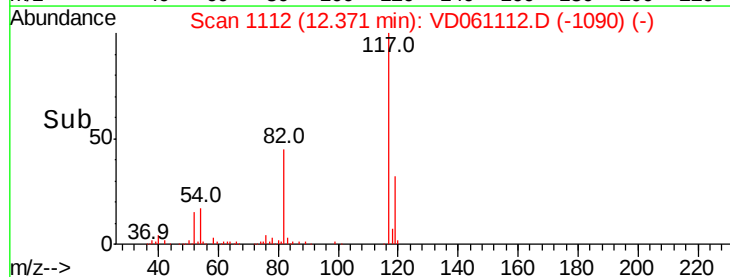
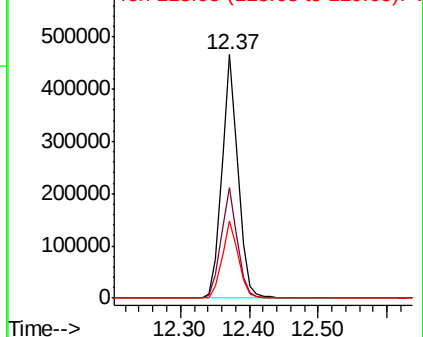


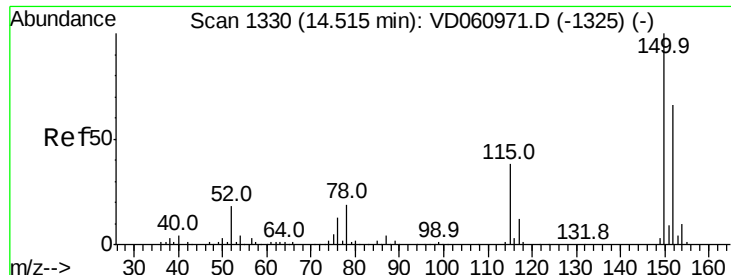
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061112.D
Acq: 16 Mar 2019 16:32

Tgt Ion	Ratio	Lower	Upper
117	100		
82	45.3	38.9	58.3
119	31.5	26.6	39.8



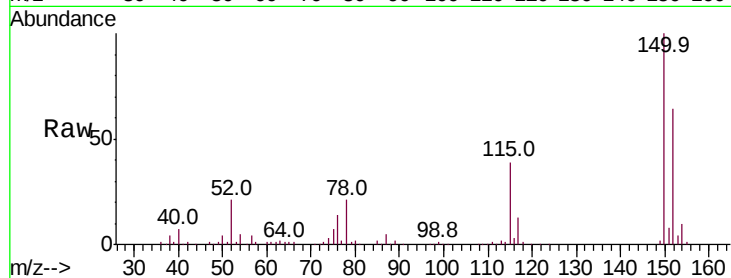
Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD061112.D
 Acq: 16 Mar 2019 16:32

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.6	28.6	85.9
150	155.4	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

