

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031619\
 Data File : VD061127.D
 Acq On : 17 Mar 2019 1:16
 Operator : VA/AP
 Sample : K1685-05
 Misc : 7.61g/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

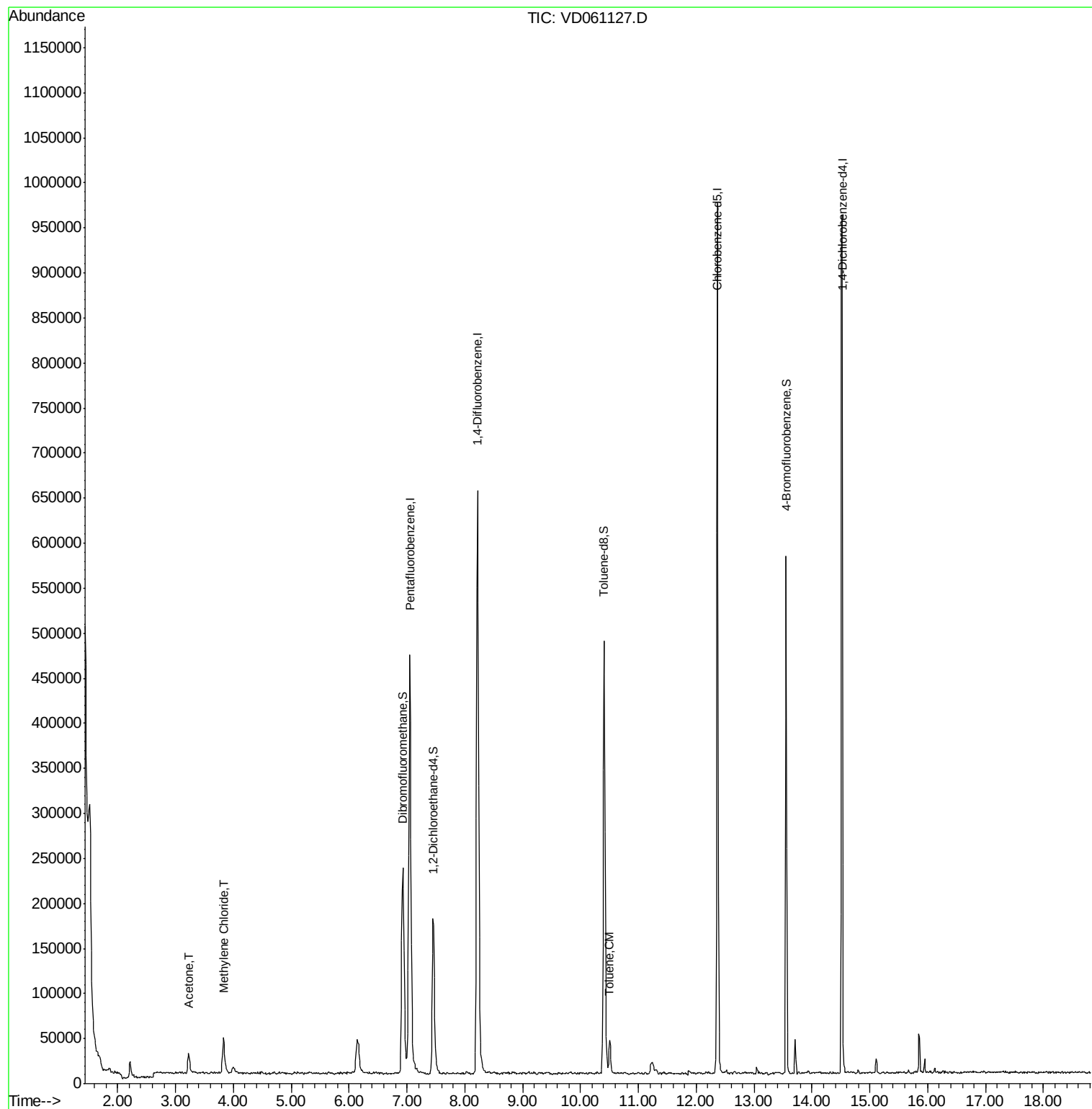
Quant Time: Mar 18 05:07:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

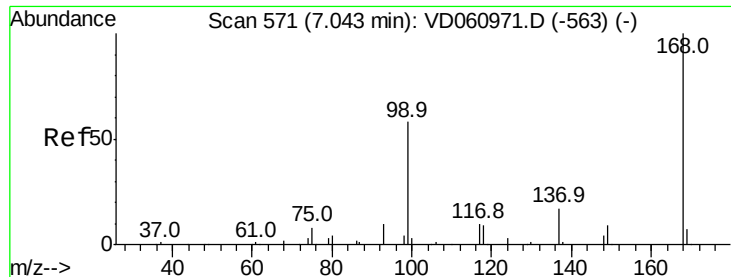
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	468431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	811591	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	589117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	246843	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	163546	41.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.88%	
35) Dibromofluoromethane	6.93	113	241372	40.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.14%	
50) Toluene-d8	10.41	98	442036	29.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.46%	
62) 4-Bromofluorobenzene	13.56	95	178313	30.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.76%	
Target Compounds						
16) Acetone	3.23	43	41808	37.496	ug/l	93
20) Methylene Chloride	3.83	84	30560	1.486	ug/l	96
52) Toluene	10.50	92	20279	1.866	ug/l	99

(#) = 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: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD061127.D

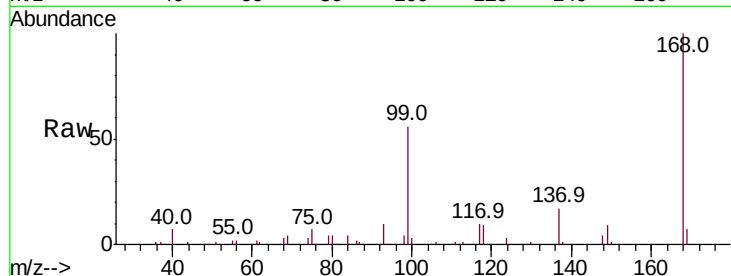
Acq: 17 Mar 2019 1:16

Tot Ion:168 Resp: 468431

Ion Ratio Lower Upper

168 100

99 56.4 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

150000

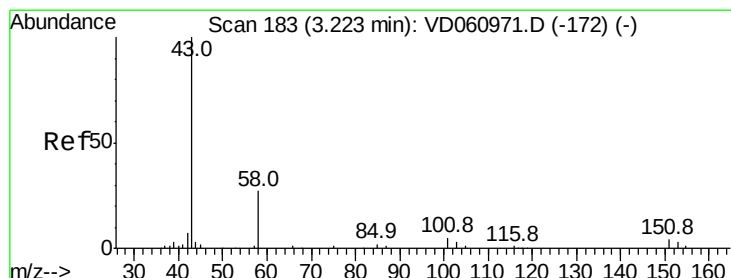
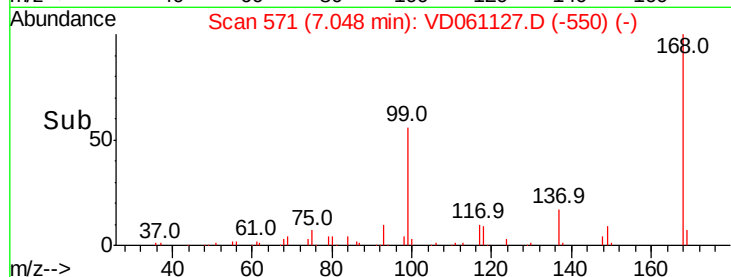
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 37.496 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD061127.D

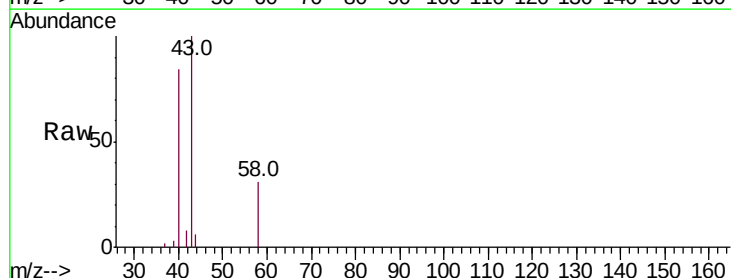
Acq: 17 Mar 2019 1:16

Tgt Ion: 43 Resp: 41808

Ion Ratio Lower Upper

43 100

58 30.7 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

15000

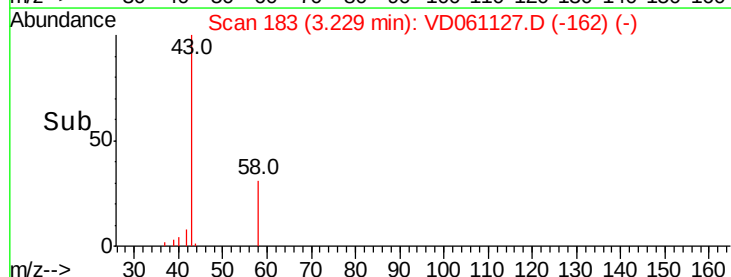
10000

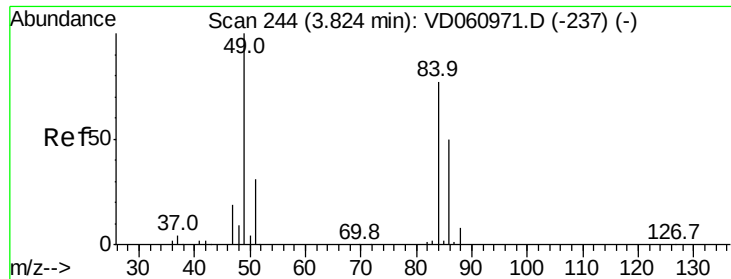
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Time-->

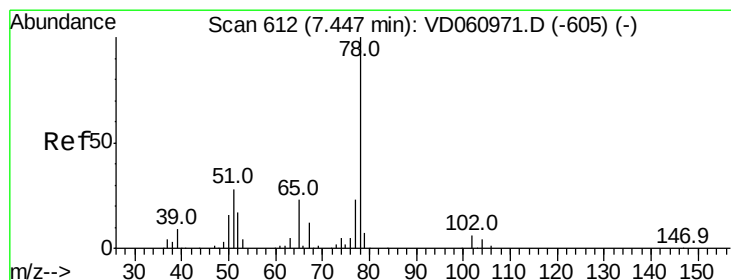
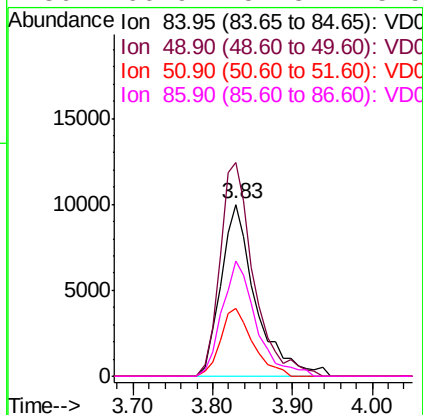
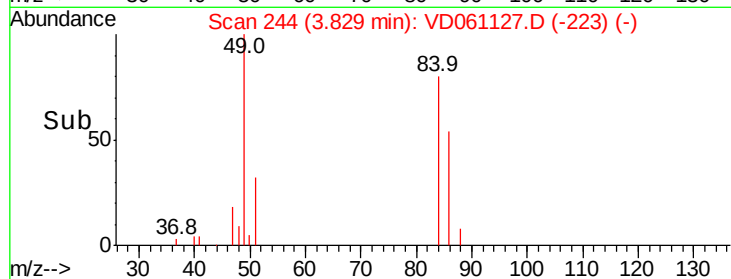
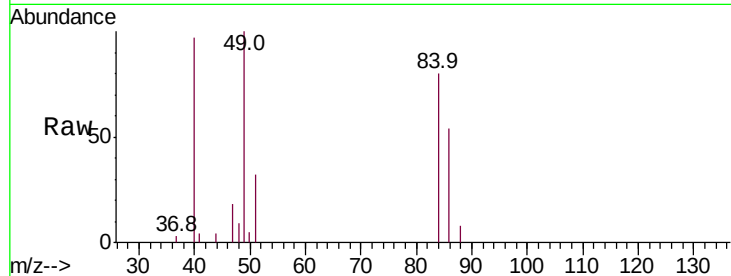
3.10 3.20 3.30





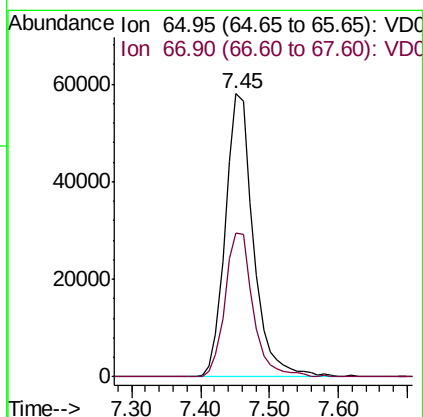
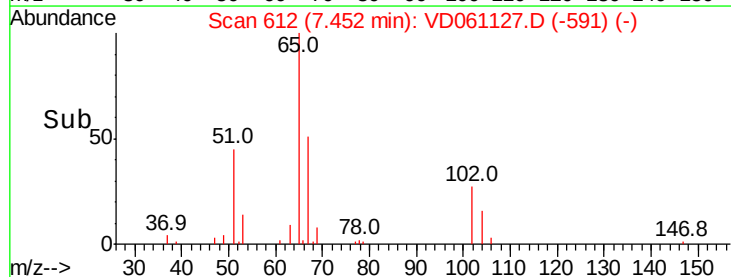
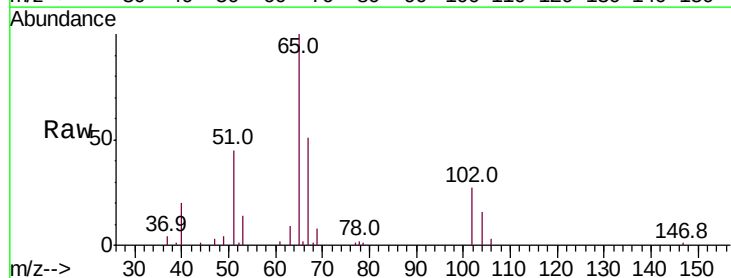
#20
Methylene Chloride
Concen: 1.486 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.01 min
Lab File: VD061127.D
Acq: 17 Mar 2019 1:16

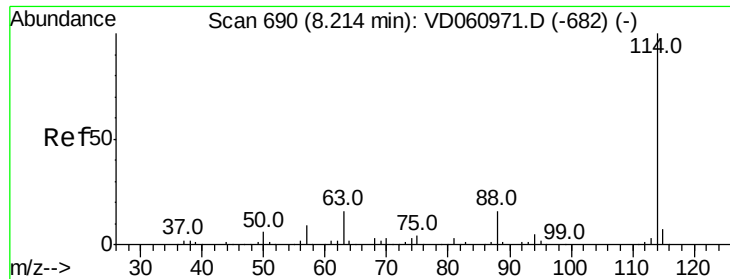
Tot Ion:	84	Resp:	30560
Ion	Ratio	Lower	Upper
84	100		
49	124.4	104.2	156.2
51	39.5	32.3	48.5
86	66.9	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.01 min
Lab File: VD061127.D
Acq: 17 Mar 2019 1:16

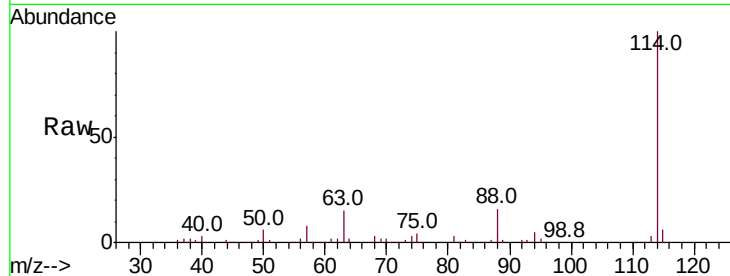
Tgt Ion:	65	Resp:	163546
Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	105.2



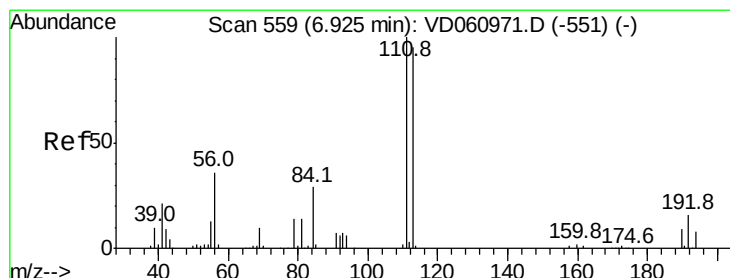
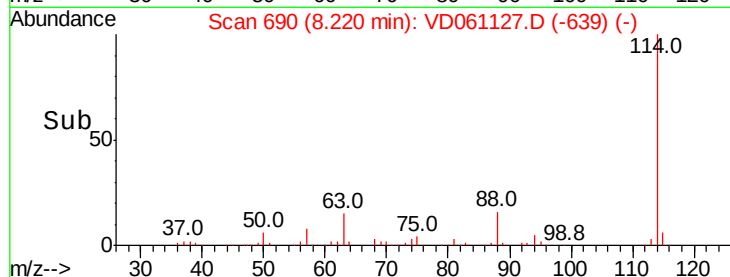
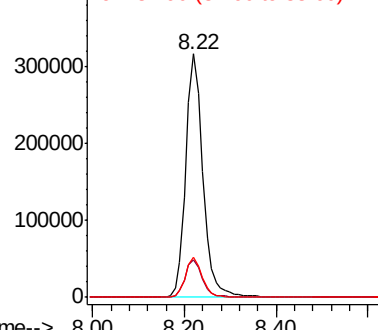


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VD061127.D
 Acq: 17 Mar 2019 1:16

Tot Ion:114 Resp: 811591
 Ion Ratio Lower Upper
 114 100
 63 15.4 0.0 31.4
 88 16.3 0.0 33.0

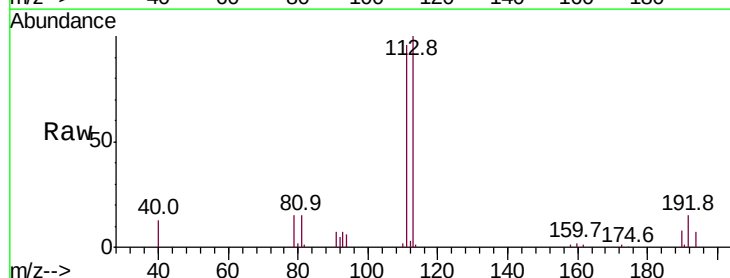


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

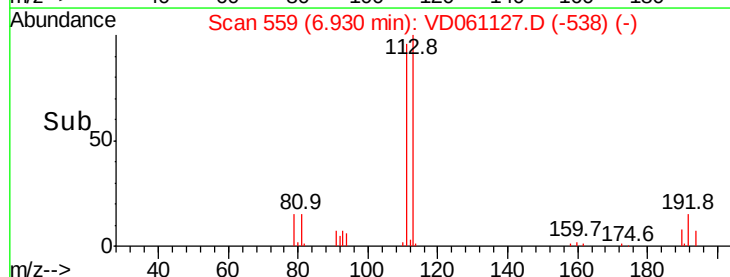
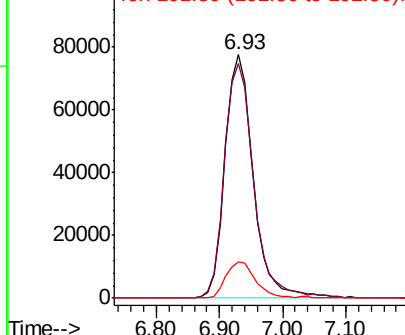


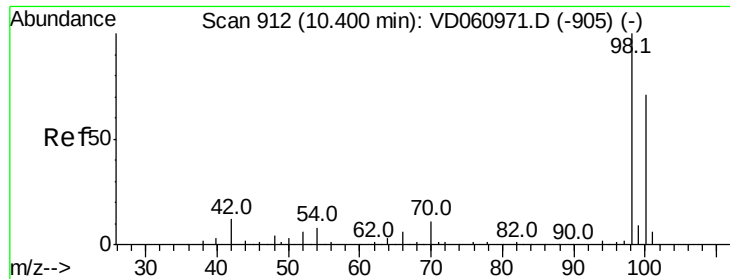
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: VD061127.D
 Acq: 17 Mar 2019 1:16

Tgt Ion:113 Resp: 241372
 Ion Ratio Lower Upper
 113 100
 111 96.2 84.2 126.4
 192 14.8 13.1 19.7



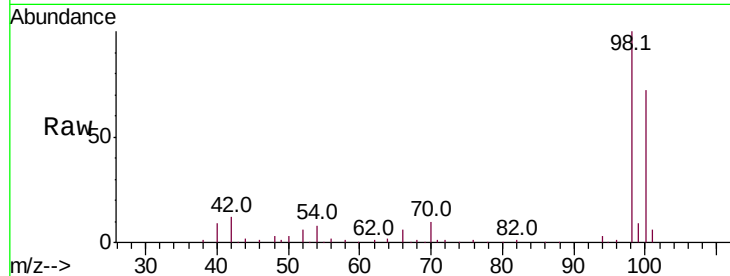
Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V



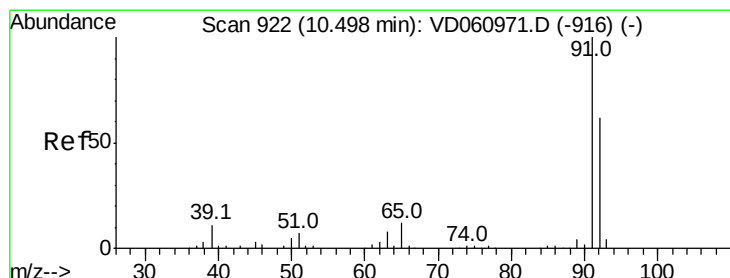
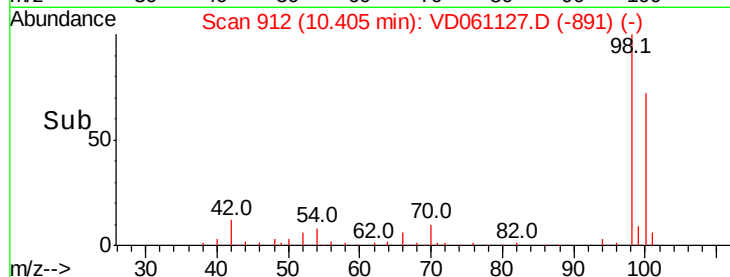
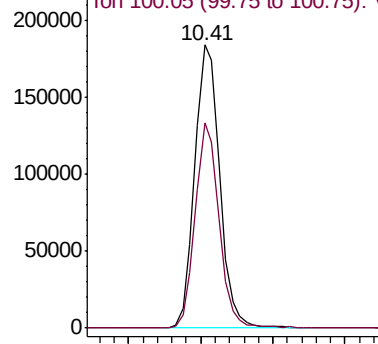


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 912
Delta R.T. 0.01 min
Lab File: VD061127.D
Acq: 17 Mar 2019 1:16

Tot Ion: 98 Resp: 442036
Ion Ratio Lower Upper
98 100
100 72.4 57.4 86.2

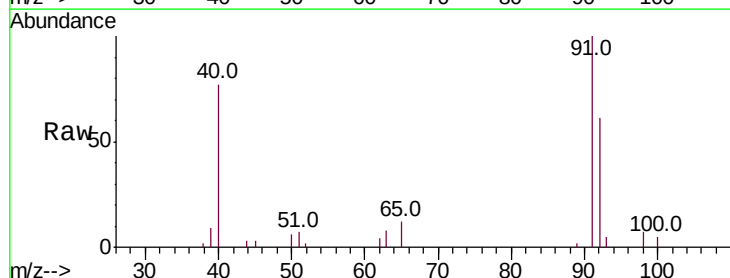


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

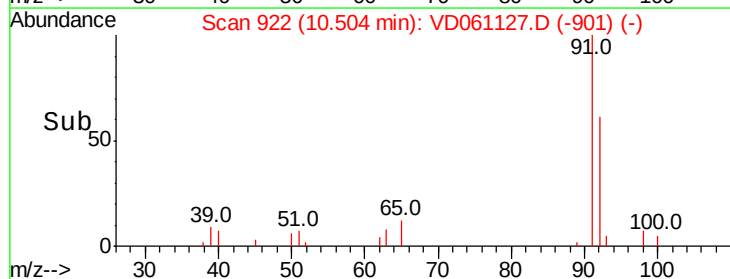
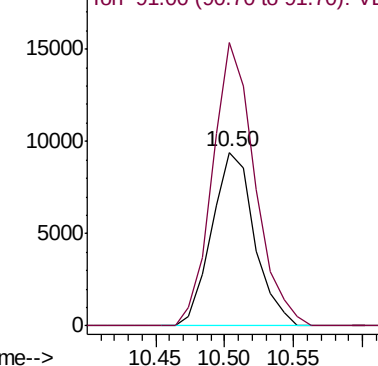


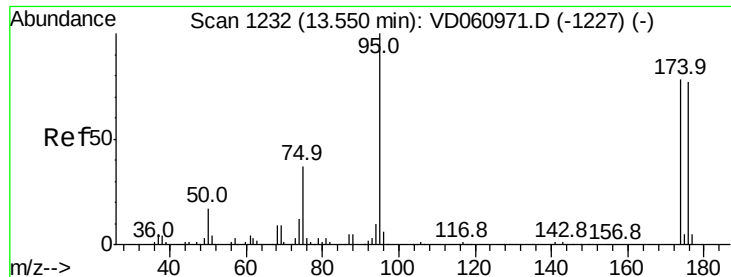
#52
Toluene
Concen: 1.866 ug/l
RT: 10.50 min Scan# 922
Delta R.T. 0.01 min
Lab File: VD061127.D
Acq: 17 Mar 2019 1:16

Tgt Ion: 92 Resp: 20279
Ion Ratio Lower Upper
92 100
91 163.4 129.8 194.8



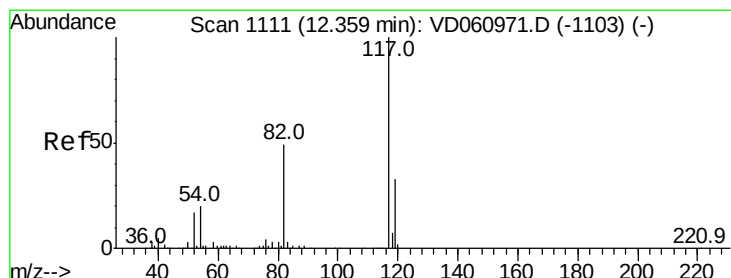
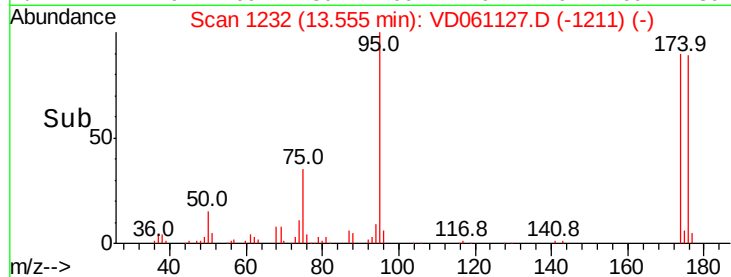
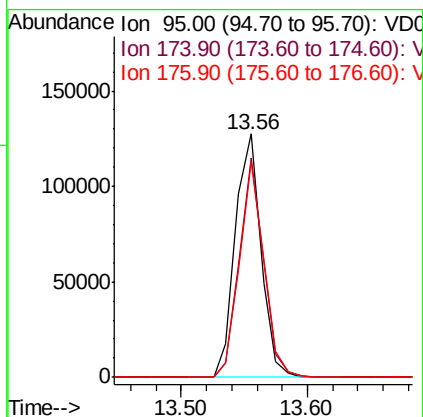
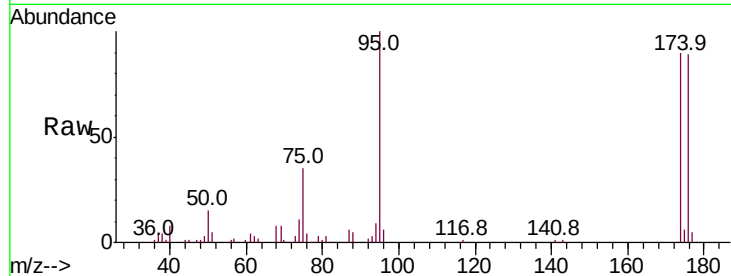
Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC





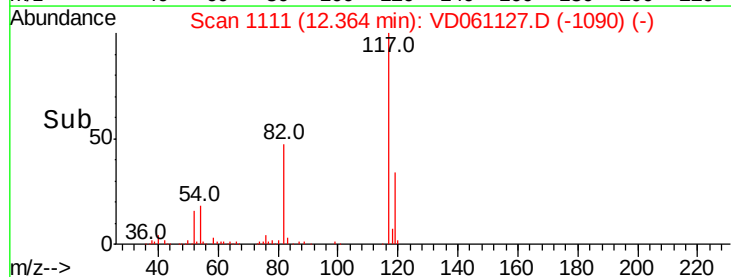
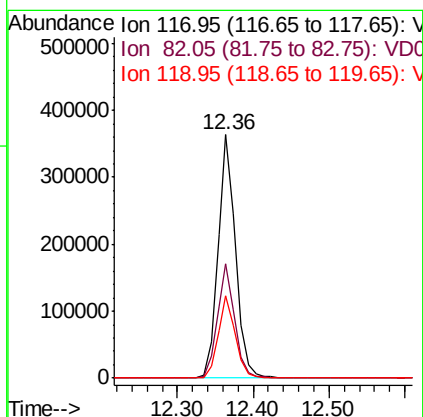
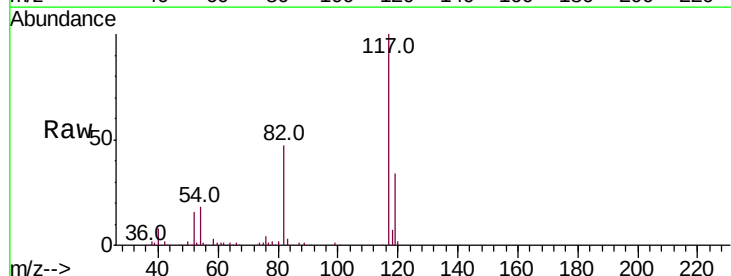
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061127.D
Acq: 17 Mar 2019 1:16

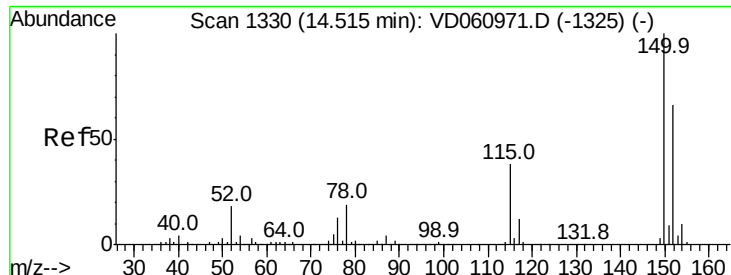
Tot Ion	Ratio	Lower	Upper
95	100		
174	90.0	0.0	155.6
176	88.6	0.0	153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061127.D
Acq: 17 Mar 2019 1:16

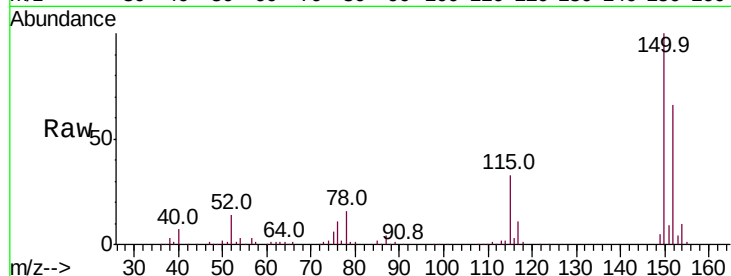
Tgt Ion	Ratio	Lower	Upper
117	100		
82	47.1	38.9	58.3
119	33.7	26.6	39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VD061127.D
 Acq: 17 Mar 2019 1:16

Tot Ion:	152	Resp:	246843
Ion	Ratio	Lower	Upper
152	100		
115	50.6	28.6	85.9
150	151.5	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

