

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031619\
 Data File : VD061115.D
 Acq On : 16 Mar 2019 17:54
 Operator : VA/AP
 Sample : K1924-01
 Misc : 5.19g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

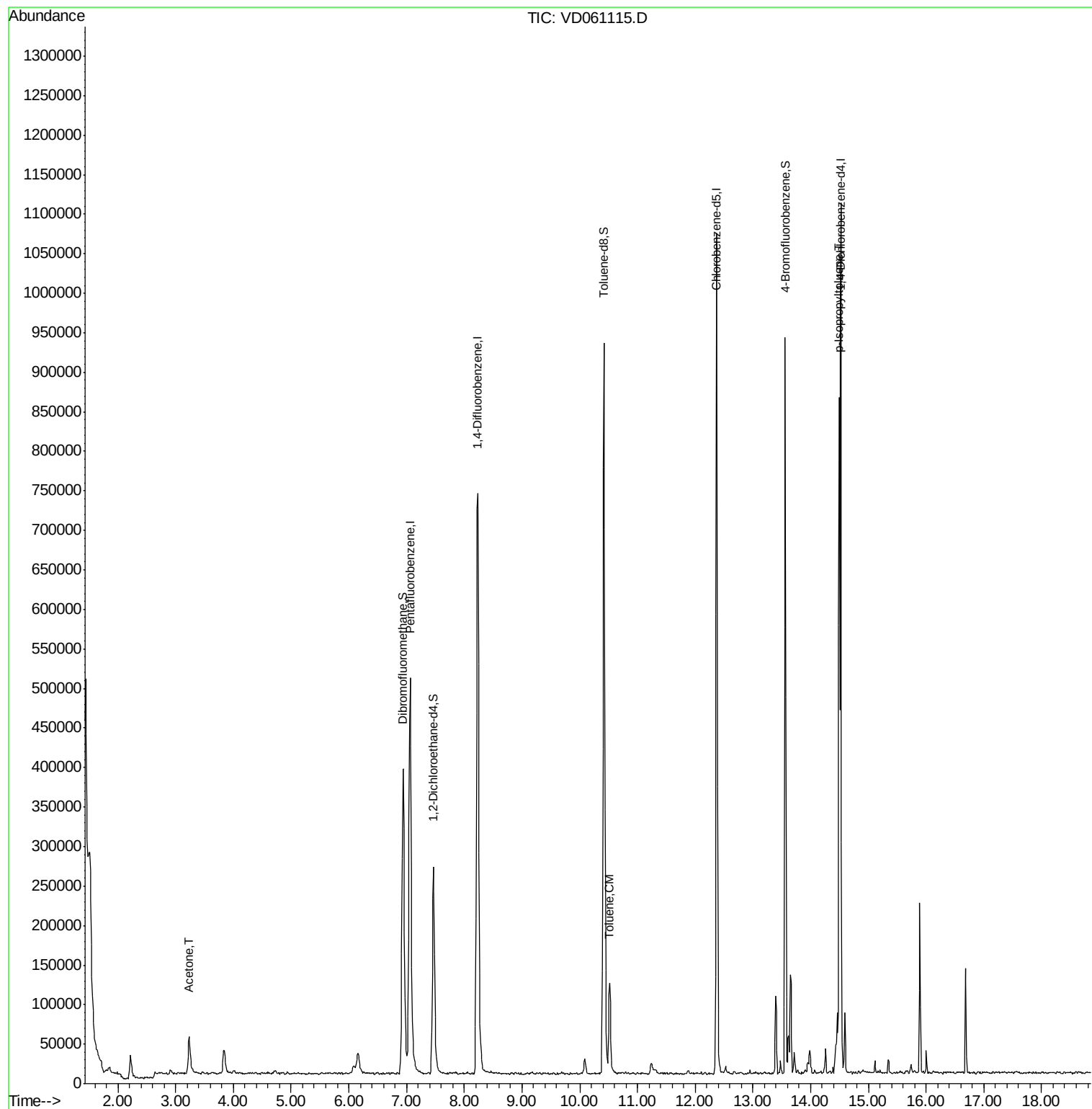
Quant Time: Mar 18 04:37:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

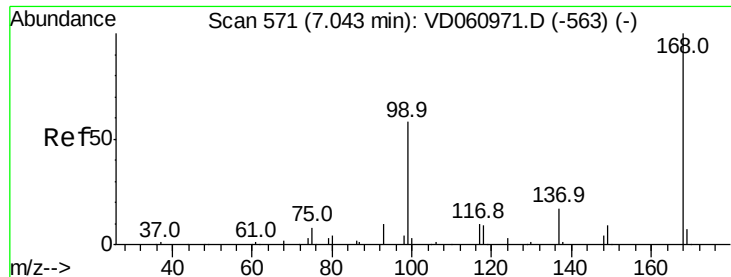
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	535652	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	946518	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	724530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	272975	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	250595	56.20	ug/l	0.02
Spiked Amount 50.000			Recovery	=	112.40%	
35) Dibromofluoromethane	6.94	113	391748	55.77	ug/l	0.02
Spiked Amount 50.000			Recovery	=	111.54%	
50) Toluene-d8	10.42	98	808318	45.82	ug/l	0.02
Spiked Amount 50.000			Recovery	=	91.64%	
62) 4-Bromofluorobenzene	13.56	95	295919	43.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.46%	
Target Compounds						
16) Acetone	3.23	43	91778	71.983	ug/l	94
52) Toluene	10.52	92	66048	5.210	ug/l	98
86) p-Isopropyltoluene	14.50	119	431260	26.442	ug/l	98

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

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QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD061115.D

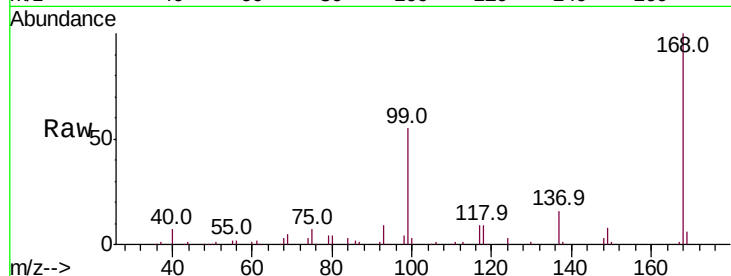
Acq: 16 Mar 2019 17:54

Tot Ion:168 Resp: 535652

Ion Ratio Lower Upper

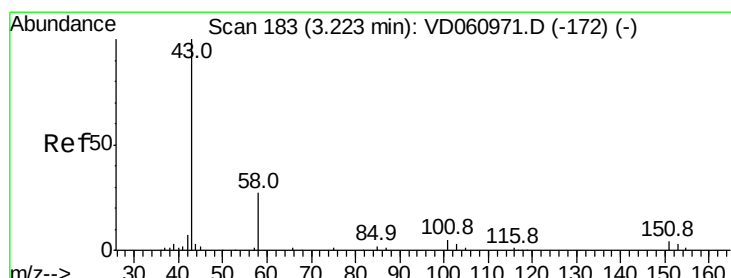
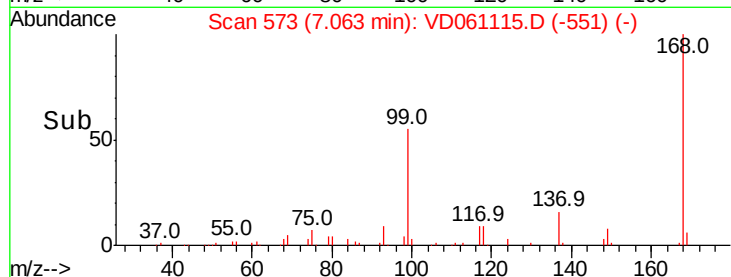
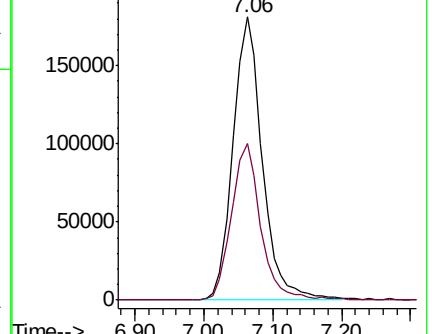
168 100

99 55.3 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: 71.983 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD061115.D

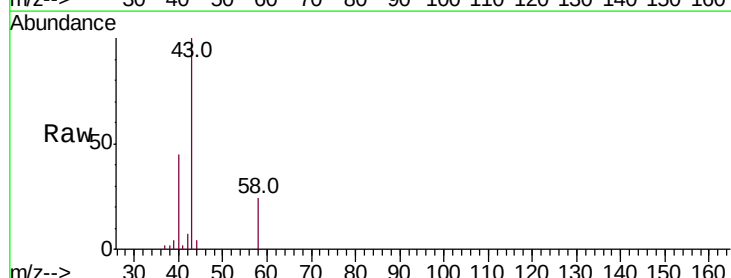
Acq: 16 Mar 2019 17:54

Tgt Ion: 43 Resp: 91778

Ion Ratio Lower Upper

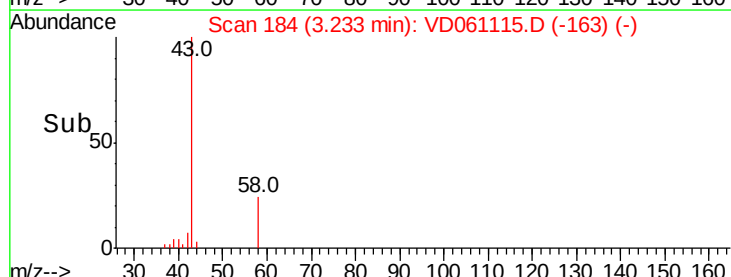
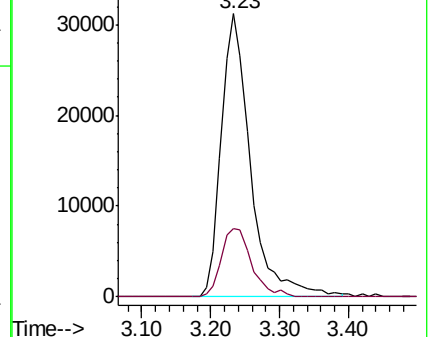
43 100

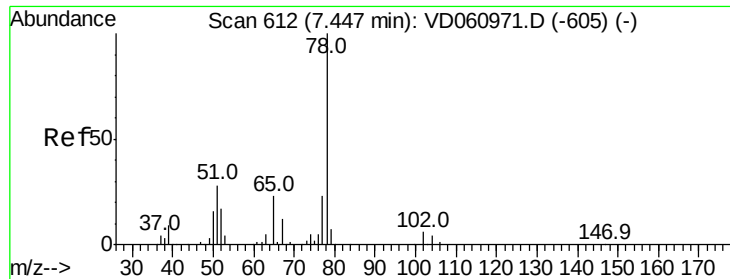
58 24.1 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.02 min

Lab File: VD061115.D

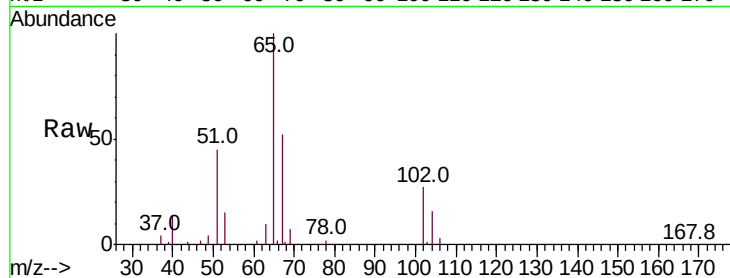
Acq: 16 Mar 2019 17:54

Tot Ion: 65 Resp: 250595

Ion Ratio Lower Upper

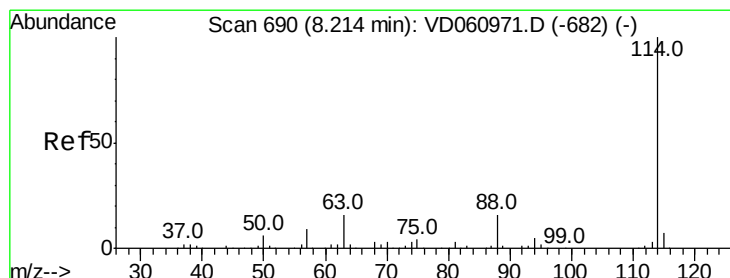
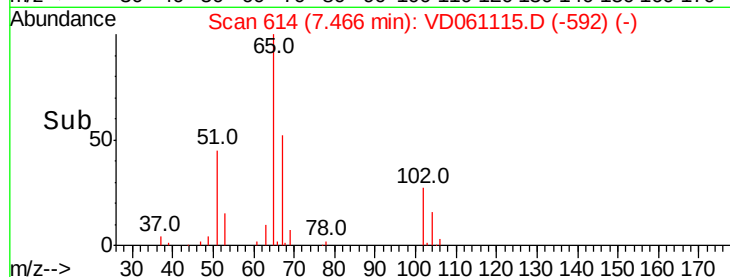
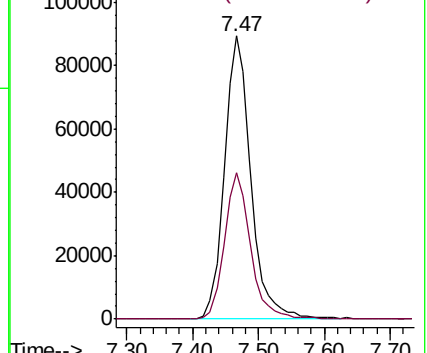
65 100

67 51.7 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 692

Delta R.T. 0.02 min

Lab File: VD061115.D

Acq: 16 Mar 2019 17:54

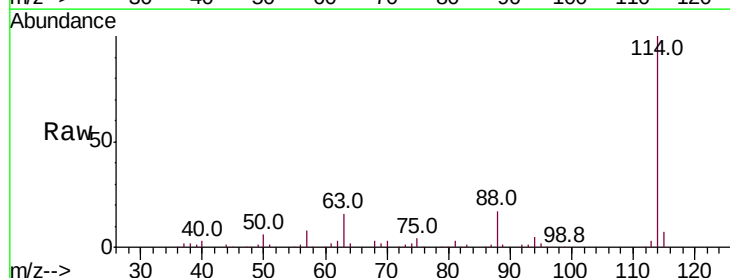
Tgt Ion: 114 Resp: 946518

Ion Ratio Lower Upper

114 100

63 16.1 0.0 31.4

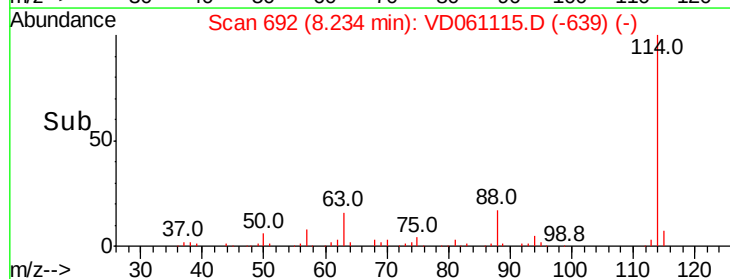
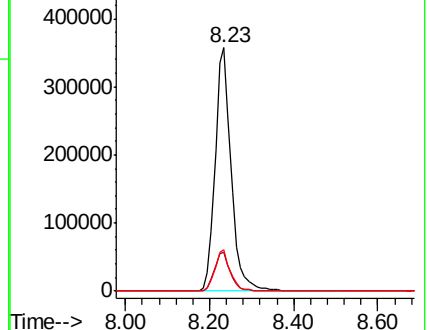
88 17.0 0.0 33.0

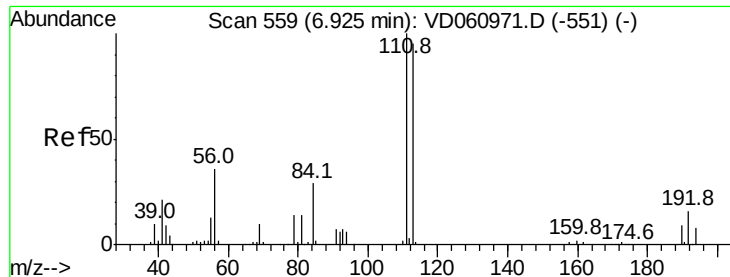


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

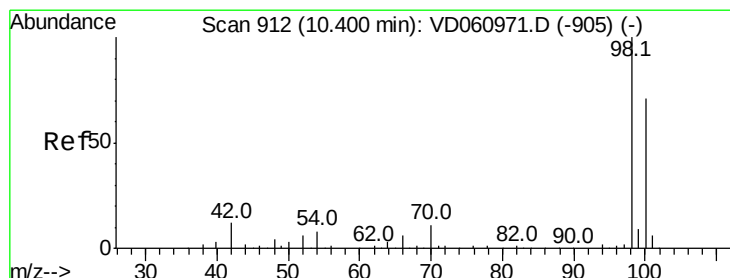
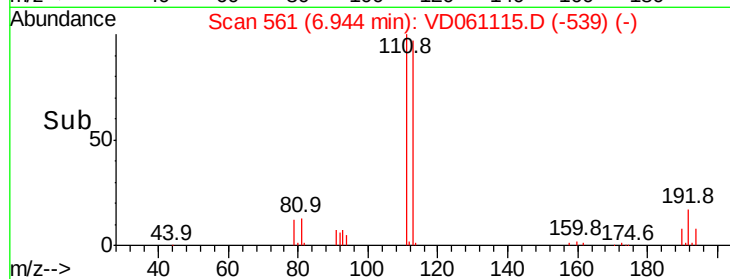
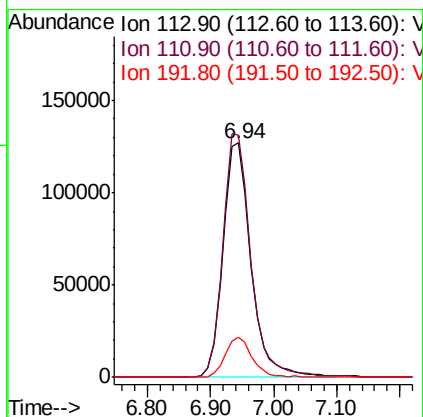
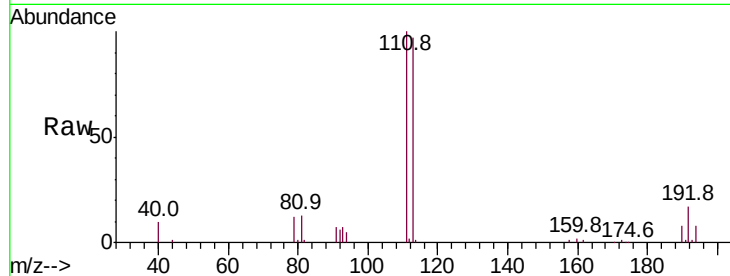
Ion 87.90 (87.60 to 88.60): VDC





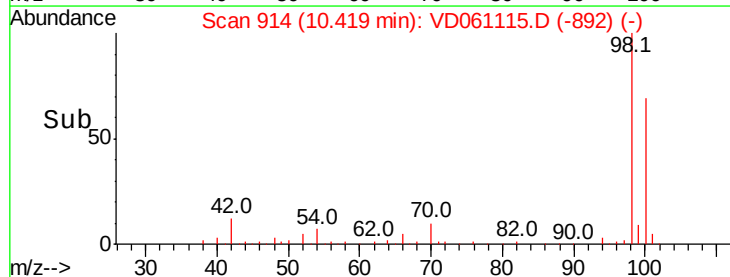
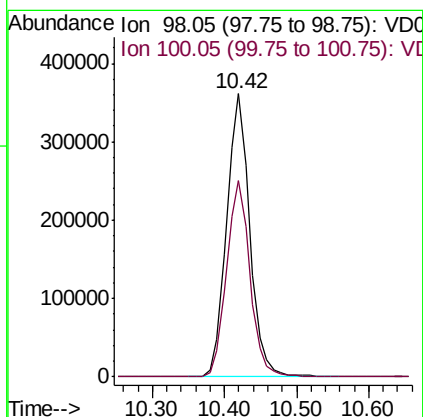
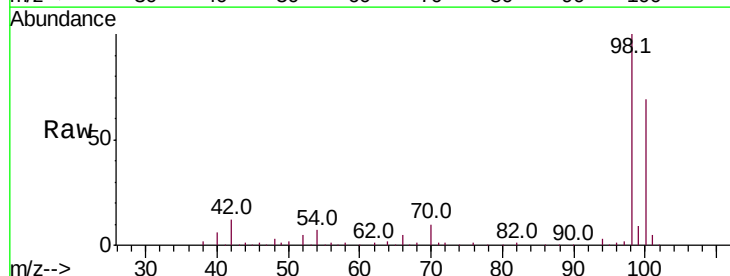
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.02 min
 Lab File: VD061115.D
 Acq: 16 Mar 2019 17:54

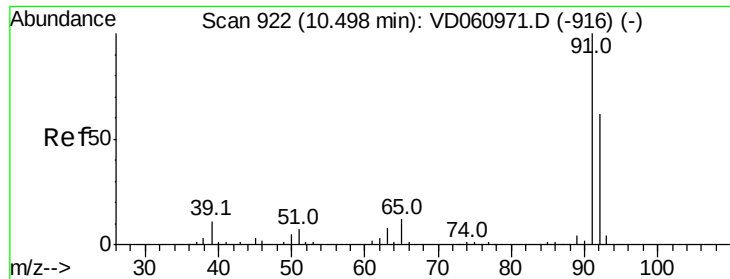
Tot Ion:113 Resp: 391748
 Ion Ratio Lower Upper
 113 100
 111 103.5 84.2 126.4
 192 17.3 13.1 19.7



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.42 min Scan# 914
 Delta R.T. 0.02 min
 Lab File: VD061115.D
 Acq: 16 Mar 2019 17:54

Tgt Ion: 98 Resp: 808318
 Ion Ratio Lower Upper
 98 100
 100 69.4 57.4 86.2





#52

Toluene

Concen: 5.210 ug/l

RT: 10.52 min Scan# 924

Delta R.T. 0.02 min

Lab File: VD061115.D

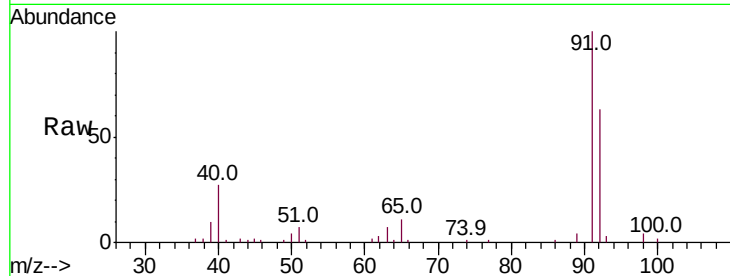
Acq: 16 Mar 2019 17:54

Tot Ion: 92 Resp: 66048

Ion Ratio Lower Upper

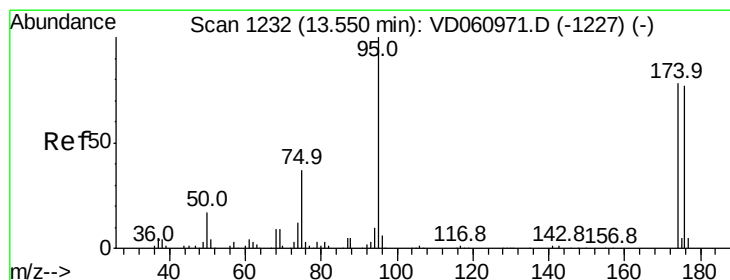
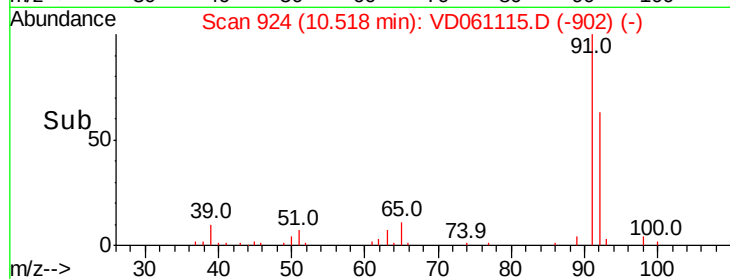
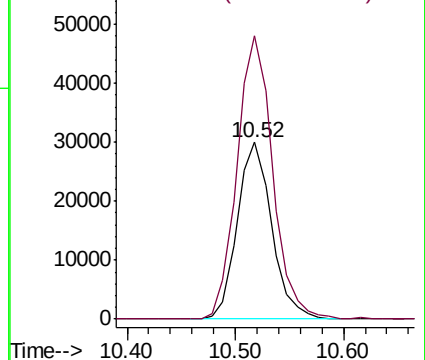
92 100

91 160.0 129.8 194.8



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: VD061115.D

Acq: 16 Mar 2019 17:54

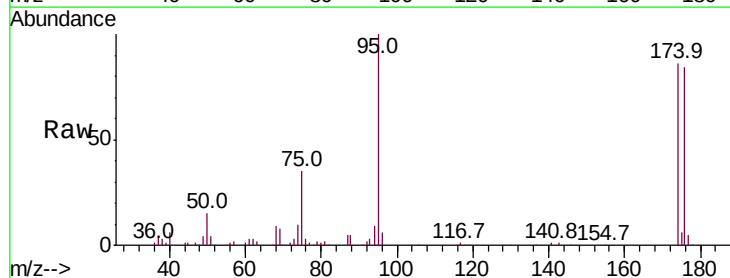
Tgt Ion: 95 Resp: 295919

Ion Ratio Lower Upper

95 100

174 86.0 0.0 155.6

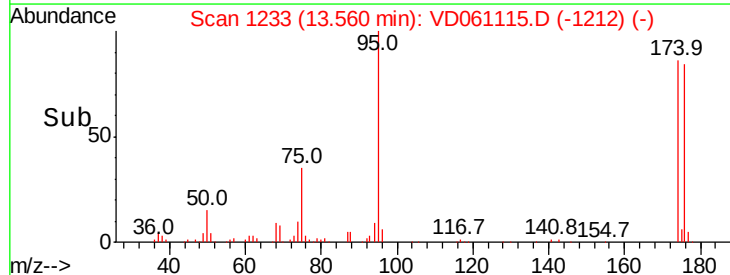
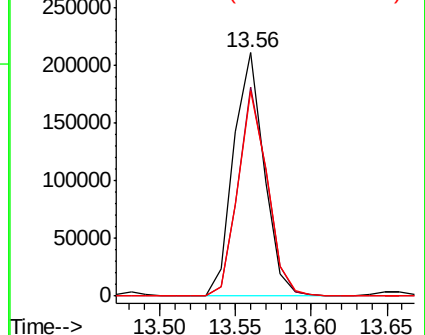
176 84.1 0.0 153.8

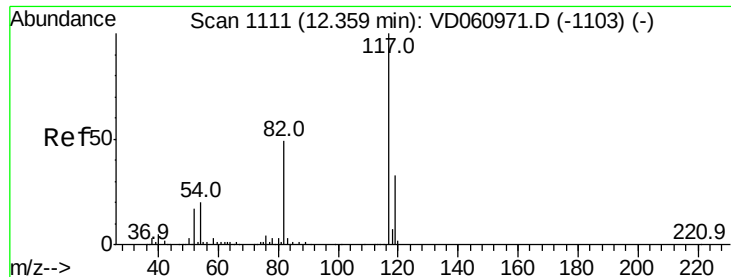


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

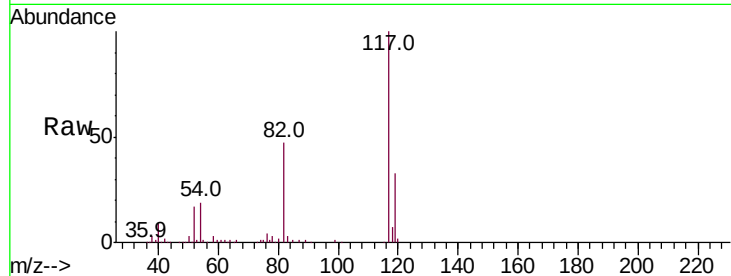
Ion 175.90 (175.60 to 176.60): V



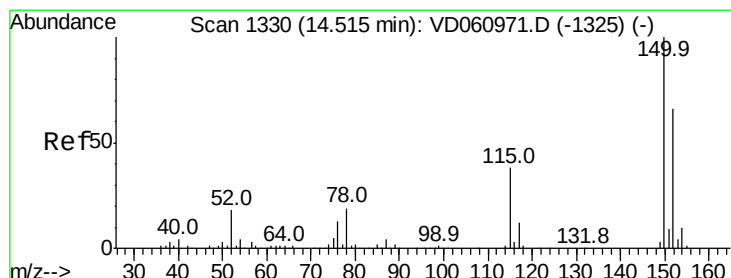
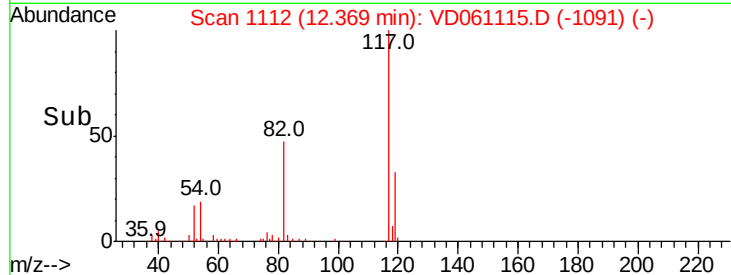
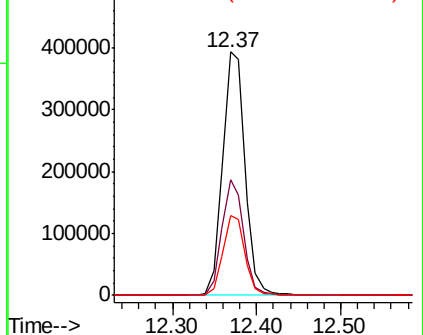


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061115.D
Acq: 16 Mar 2019 17:54

Tot Ion	Ratio	Lower	Upper
117	100		
82	47.4	38.9	58.3
119	32.6	26.6	39.8

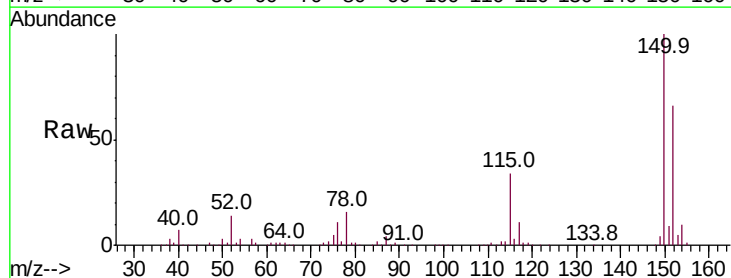


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

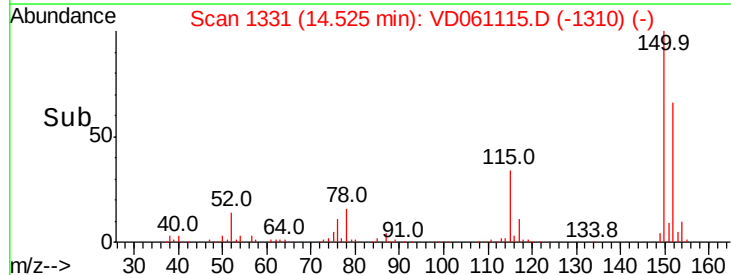
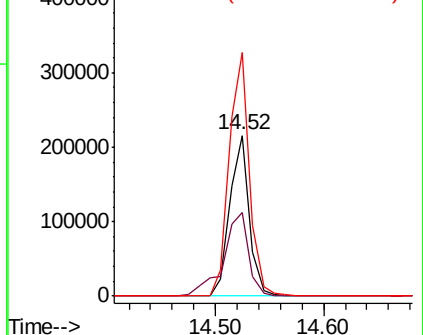


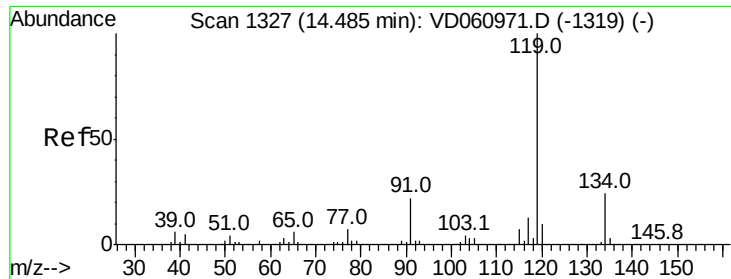
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061115.D
Acq: 16 Mar 2019 17:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.2	28.6	85.9
150	151.5	0.0	310.6



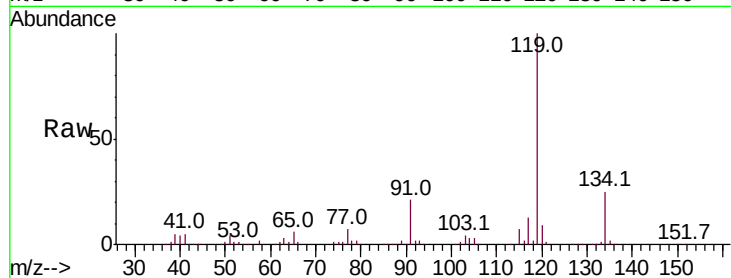
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#86
 p-Isopropyltoluene
 Concen: 26.442 ug/l
 RT: 14.50 min Scan# 1328
 Delta R.T. 0.01 min
 Lab File: VD061115.D
 Acq: 16 Mar 2019 17:54

Tot Ion:	119	Resp:	431260
Ion	Ratio	Lower	Upper
119	100		
134	24.5	12.0	36.1
91	20.7	11.2	33.6



Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 134.10 (133.80 to 134.80): V
 Ion 91.00 (90.70 to 91.70): V

