

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041919\
 Data File : VD061914.D
 Acq On : 19 Apr 2019 17:12
 Operator : VA/AP
 Sample : K2422-07
 Misc : 4.69g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-D

Quant Time: Apr 19 17:40:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

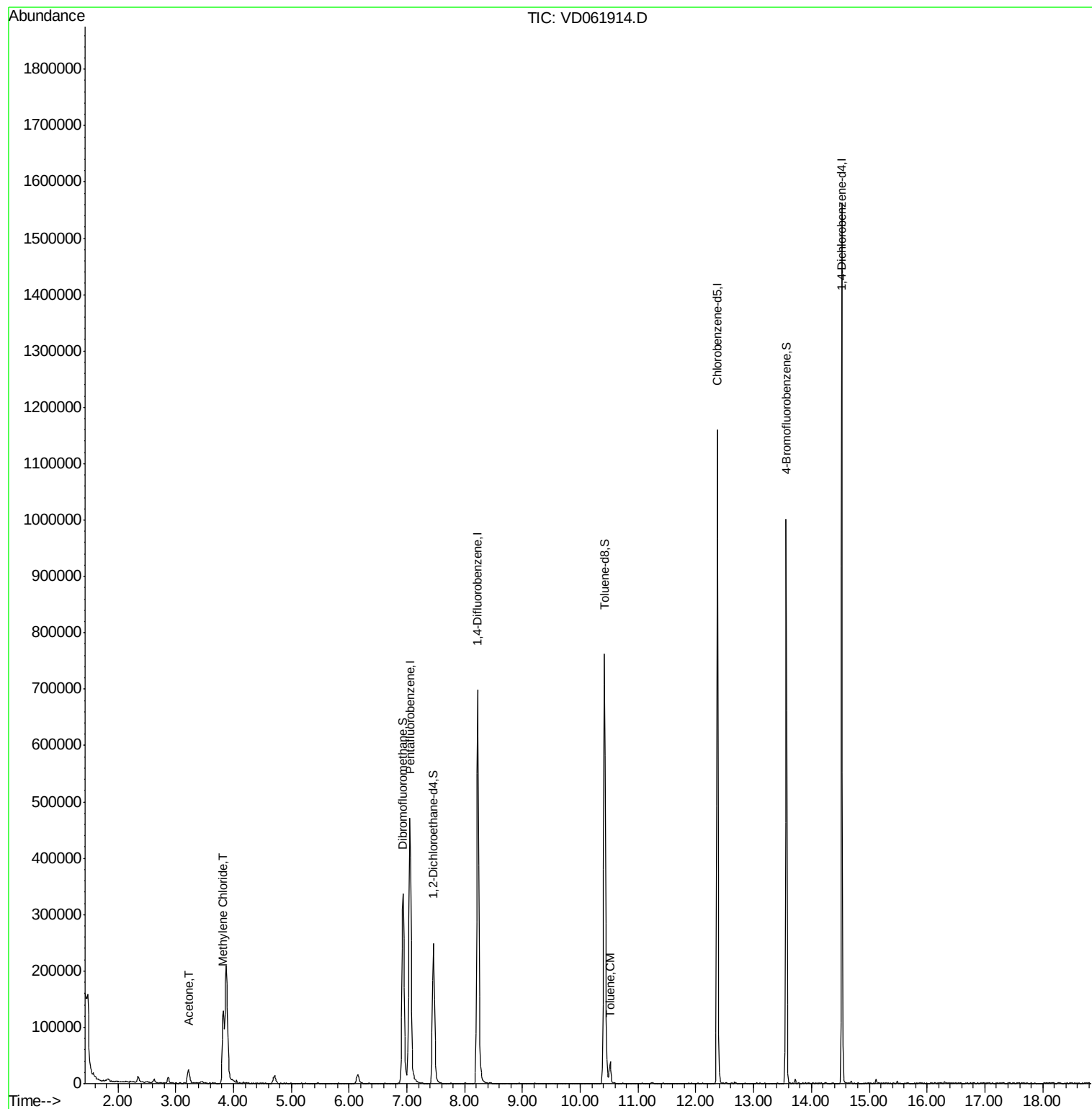
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	491862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	826792	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	699719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	340256	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	243835	59.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.30%	
35) Dibromofluoromethane	6.93	113	320888	51.37	ug/l	0.01
Spiked Amount 50.000			Recovery	=	102.74%	
50) Toluene-d8	10.42	98	711227	48.05	ug/l	0.01
Spiked Amount 50.000			Recovery	=	96.10%	
62) 4-Bromofluorobenzene	13.56	95	303351	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
Target Compounds						
16) Acetone	3.22	43	48052	47.296	ug/l	97
20) Methylene Chloride	3.82	84	93592	15.354	ug/l	98
52) Toluene	10.52	92	20550	1.977	ug/l	90

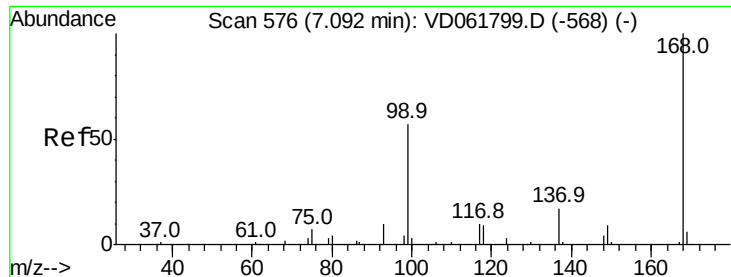
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041919\
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QLast Update : Thu Apr 18 13:49:04 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.00 min

Lab File: VD061914.D

Acq: 19 Apr 2019 17:12

Instrument :

MSVOA_D

ClientSampleId :

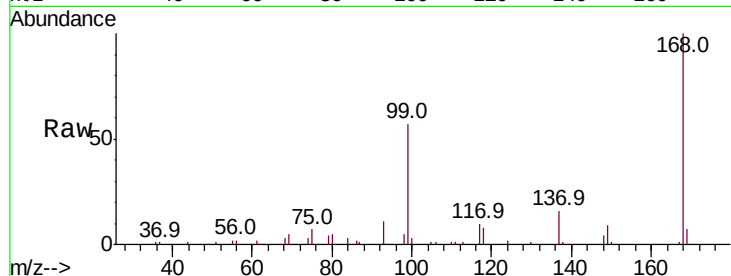
TP1-D

Tot Ion:168 Resp: 491862

Ion Ratio Lower Upper

168 100

99 57.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

150000

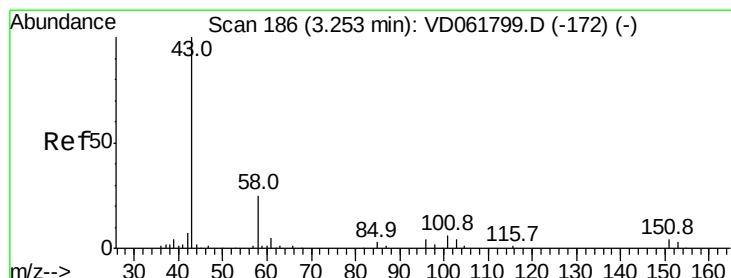
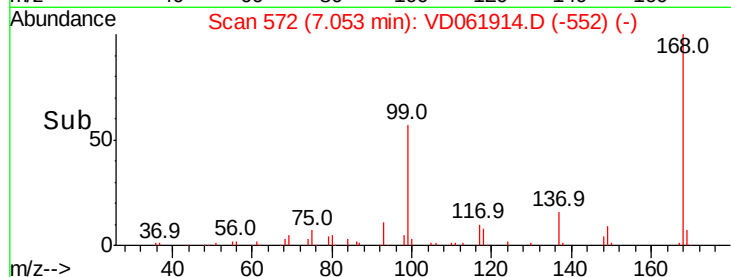
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 47.296 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD061914.D

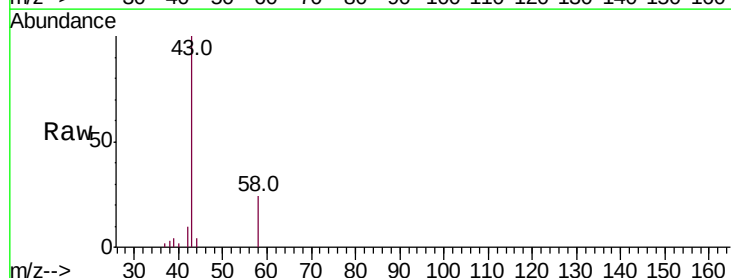
Acq: 19 Apr 2019 17:12

Tgt Ion: 43 Resp: 48052

Ion Ratio Lower Upper

43 100

58 23.5 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

15000

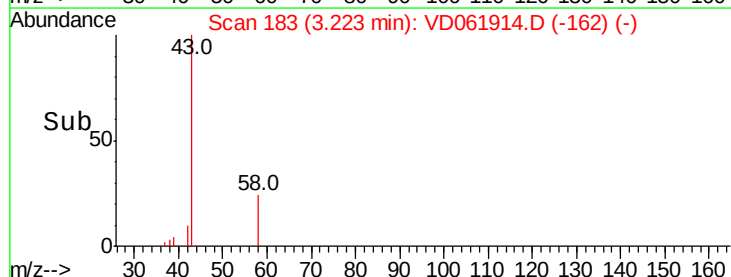
10000

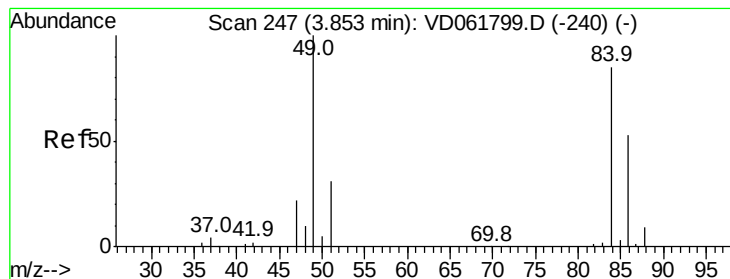
5000

0

Time-->

3.10 3.20 3.30 3.40





#20

Methylene Chloride

Concen: 15.354 ug/l

RT: 3.82 min Scan# 244

Delta R.T. 0.01 min

Lab File: VD061914.D

Acq: 19 Apr 2019 17:12

Instrument :

MSVOA_D

ClientSampleId :

TP1-D

Tot Ion: 84 Resp: 93592

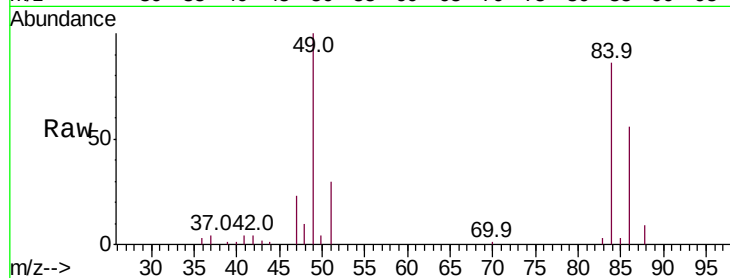
Ion Ratio Lower Upper

84 100

49 116.9 94.0 141.0

51 35.3 29.0 43.4

86 65.5 49.8 74.6

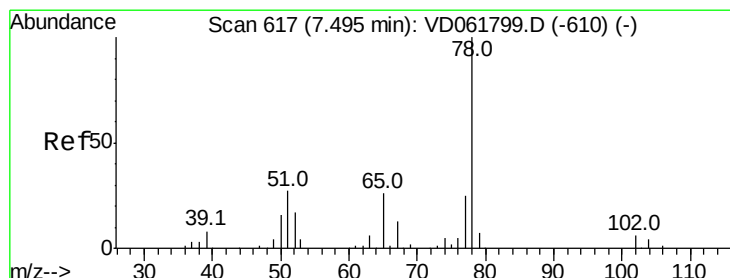
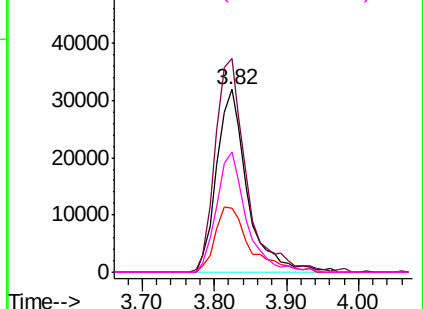
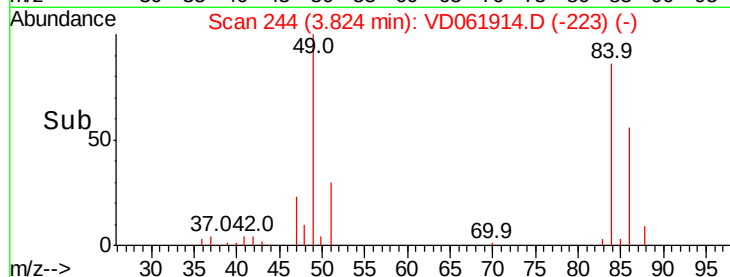


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 59.150 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.00 min

Lab File: VD061914.D

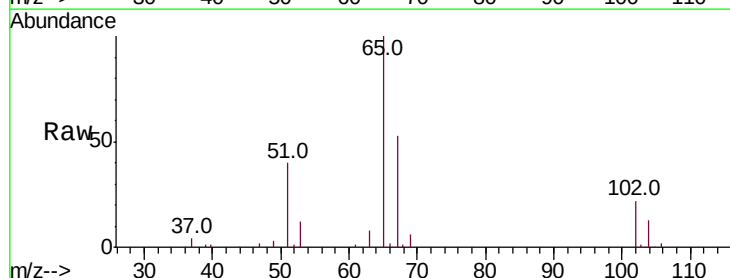
Acq: 19 Apr 2019 17:12

Tgt Ion: 65 Resp: 243835

Ion Ratio Lower Upper

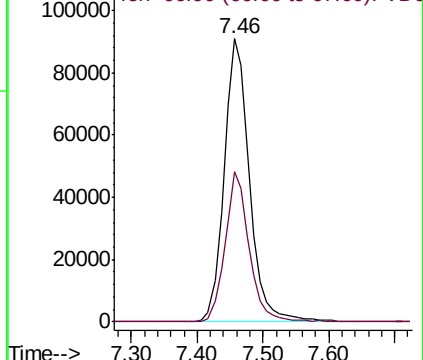
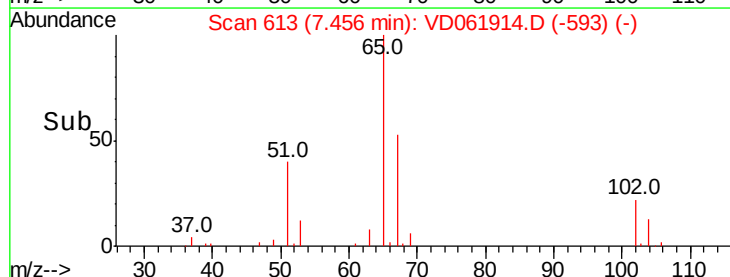
65 100

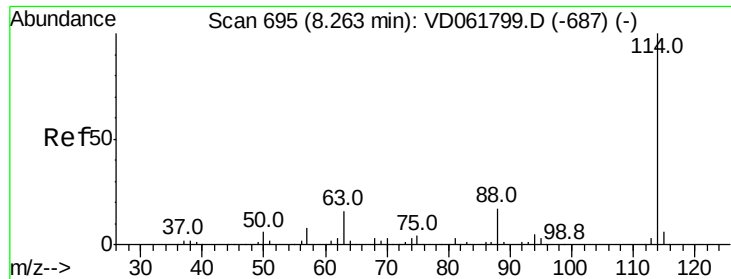
67 53.3 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

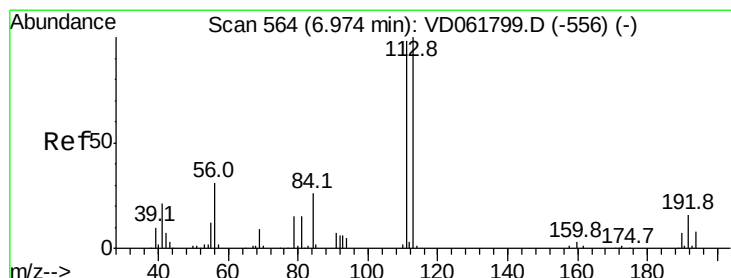
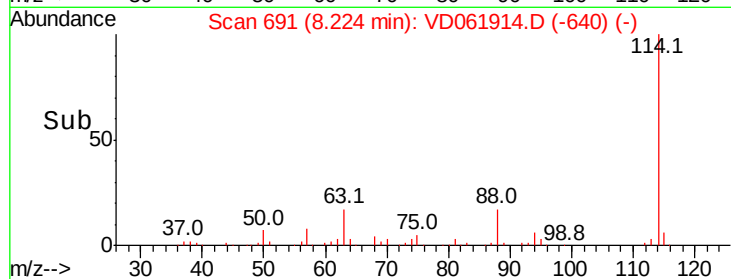
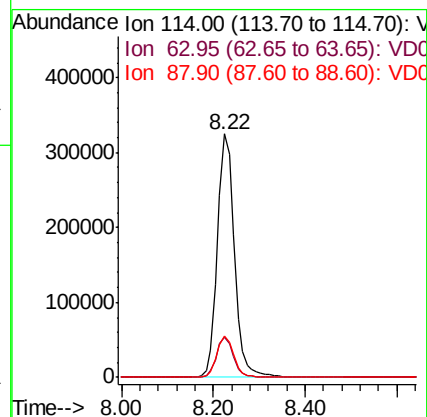
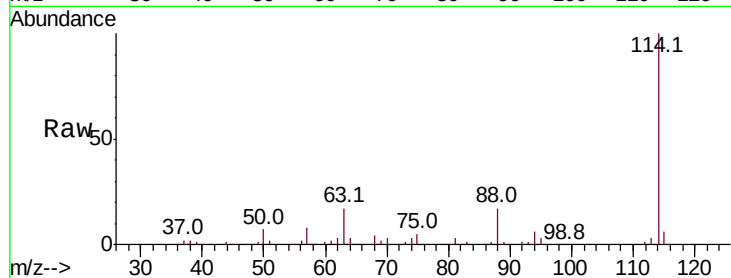




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: VD061914.D
 Acq: 19 Apr 2019 17:12

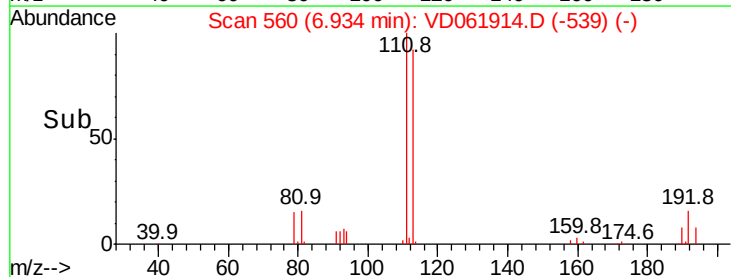
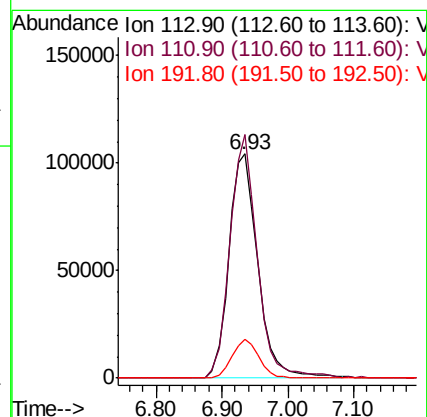
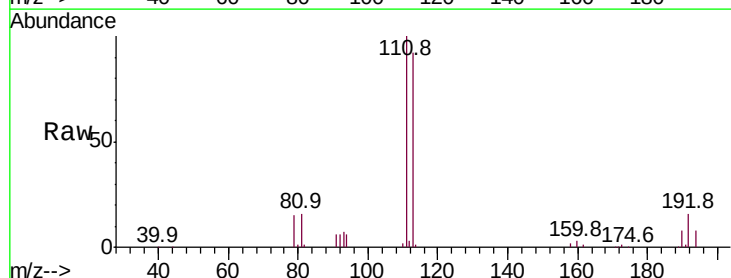
Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-D

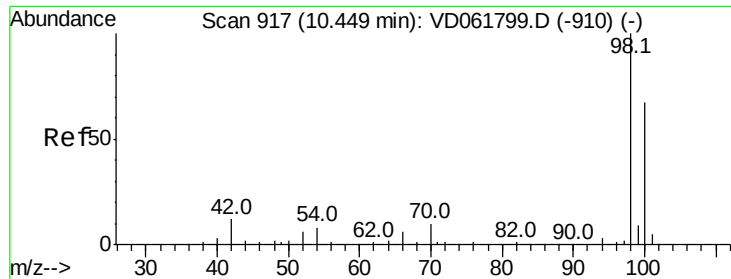
Tot Ion:114 Resp: 826792
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 32.4
 88 17.0 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 51.371 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD061914.D
 Acq: 19 Apr 2019 17:12

Tgt Ion:113 Resp: 320888
 Ion Ratio Lower Upper
 113 100
 111 108.8 78.5 117.7
 192 17.5 13.0 19.4

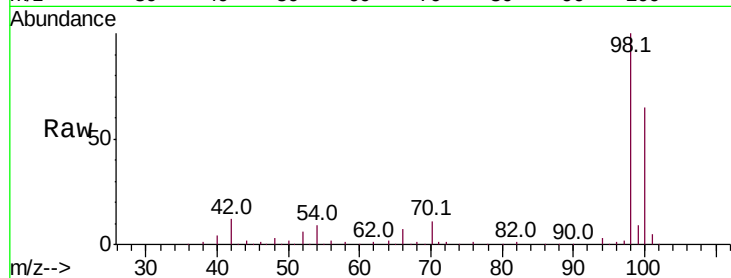




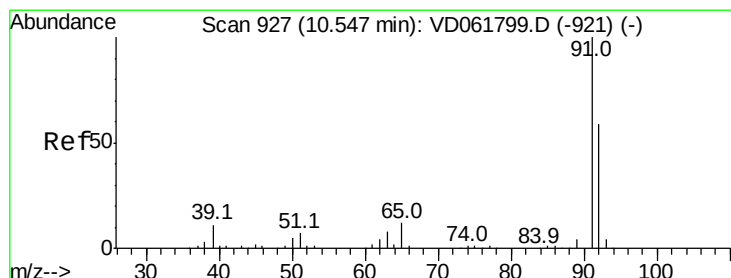
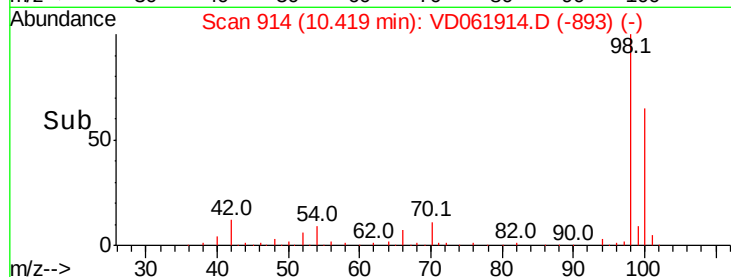
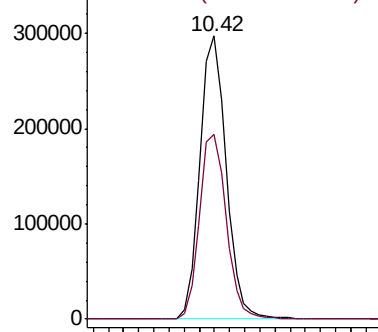
#50
Toluene-d8
Concen: 48.054 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD061914.D
Acq: 19 Apr 2019 17:12

Instrument :
MSVOA_D
ClientSampleId :
TP1-D

Tot Ion: 98 Resp: 711227
Ion Ratio Lower Upper
98 100
100 65.2 53.8 80.8

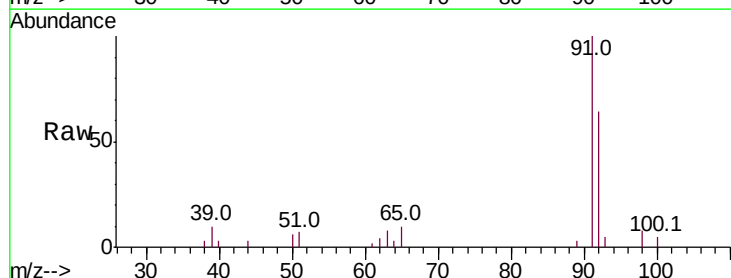


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

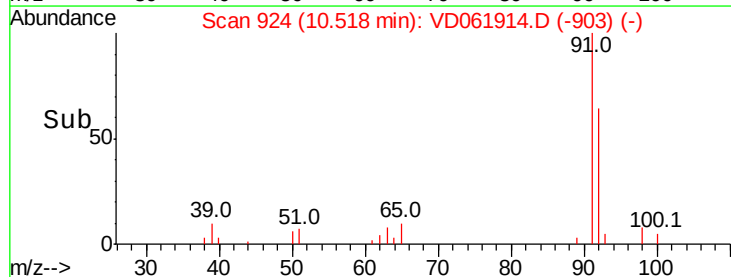
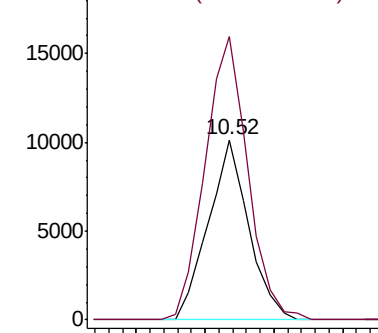


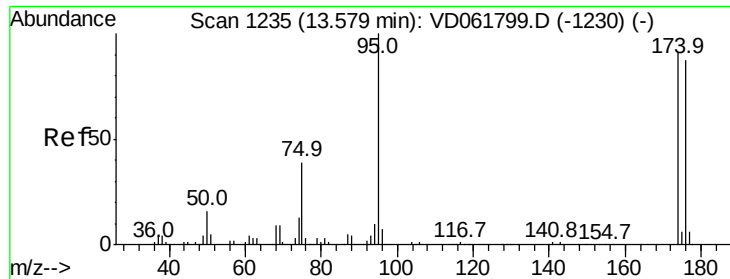
#52
Toluene
Concen: 1.977 ug/l
RT: 10.52 min Scan# 924
Delta R.T. 0.01 min
Lab File: VD061914.D
Acq: 19 Apr 2019 17:12

Tgt Ion: 92 Resp: 20550
Ion Ratio Lower Upper
92 100
91 157.1 136.6 204.8



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

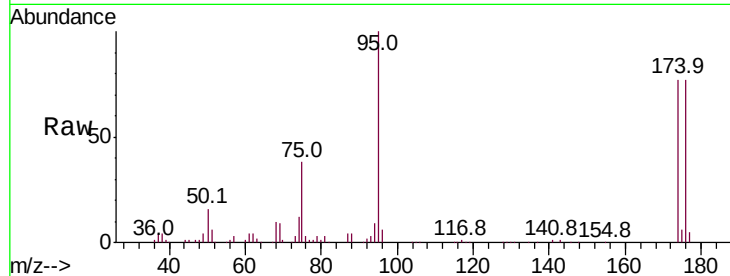




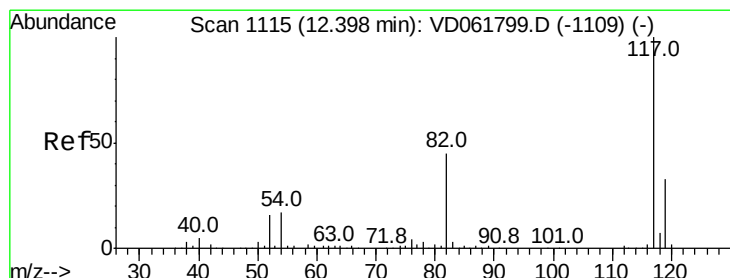
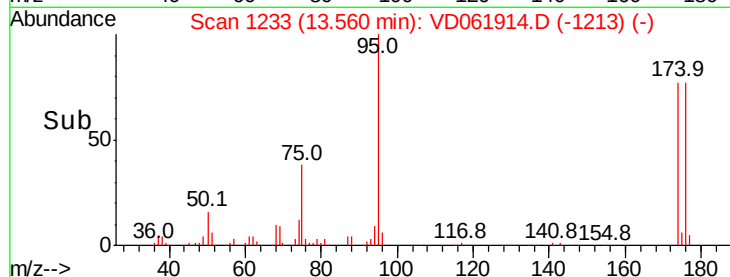
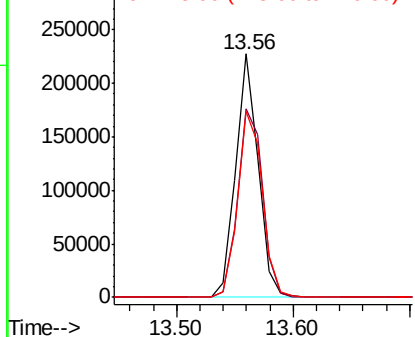
#62
 4-Bromofluorobenzene
 Concen: 50.568 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VD061914.D
 Acq: 19 Apr 2019 17:12

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-D

Tot Ion: 95 Resp: 303351
 Ion Ratio Lower Upper
 95 100
 174 77.5 0.0 181.8
 176 76.5 0.0 174.4

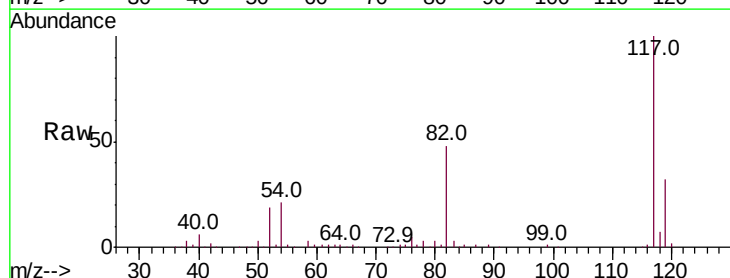


Abundance Ion 95.00 (94.70 to 95.70): V
 Ion 173.90 (173.60 to 174.60): V
 Ion 175.90 (175.60 to 176.60): V

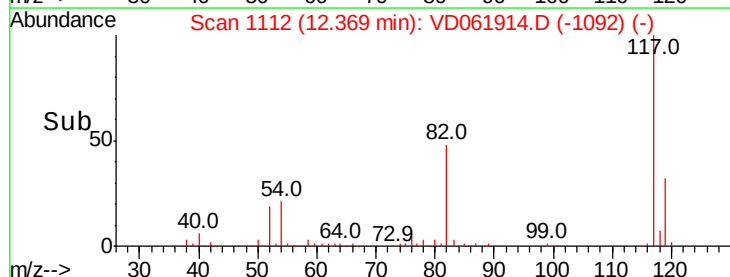
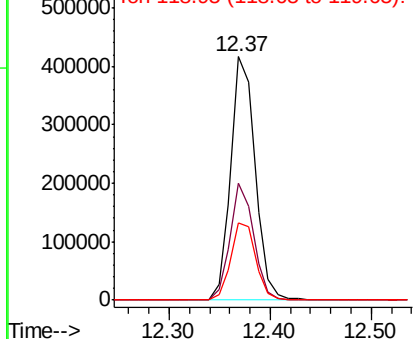


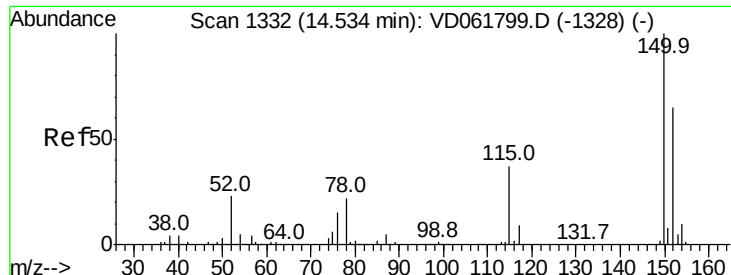
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.37 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: VD061914.D
 Acq: 19 Apr 2019 17:12

Tgt Ion: 117 Resp: 699719
 Ion Ratio Lower Upper
 117 100
 82 47.9 36.2 54.2
 119 31.8 26.2 39.4



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

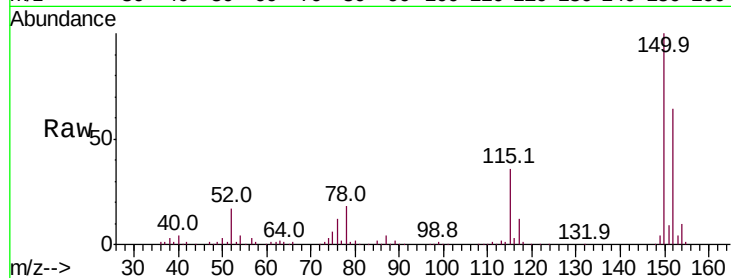




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: VD061914.D
 Acq: 19 Apr 2019 17:12

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-D

Tot Ion:152 Resp: 340256
 Ion Ratio Lower Upper
 152 100
 115 56.4 30.9 92.7
 150 155.7 0.0 314.8



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

