

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041919\
 Data File : VD061908.D
 Acq On : 19 Apr 2019 14:16
 Operator : VA/AP
 Sample : K2422-03
 Misc : 5.95g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-S

Quant Time: Apr 19 16:19:09 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

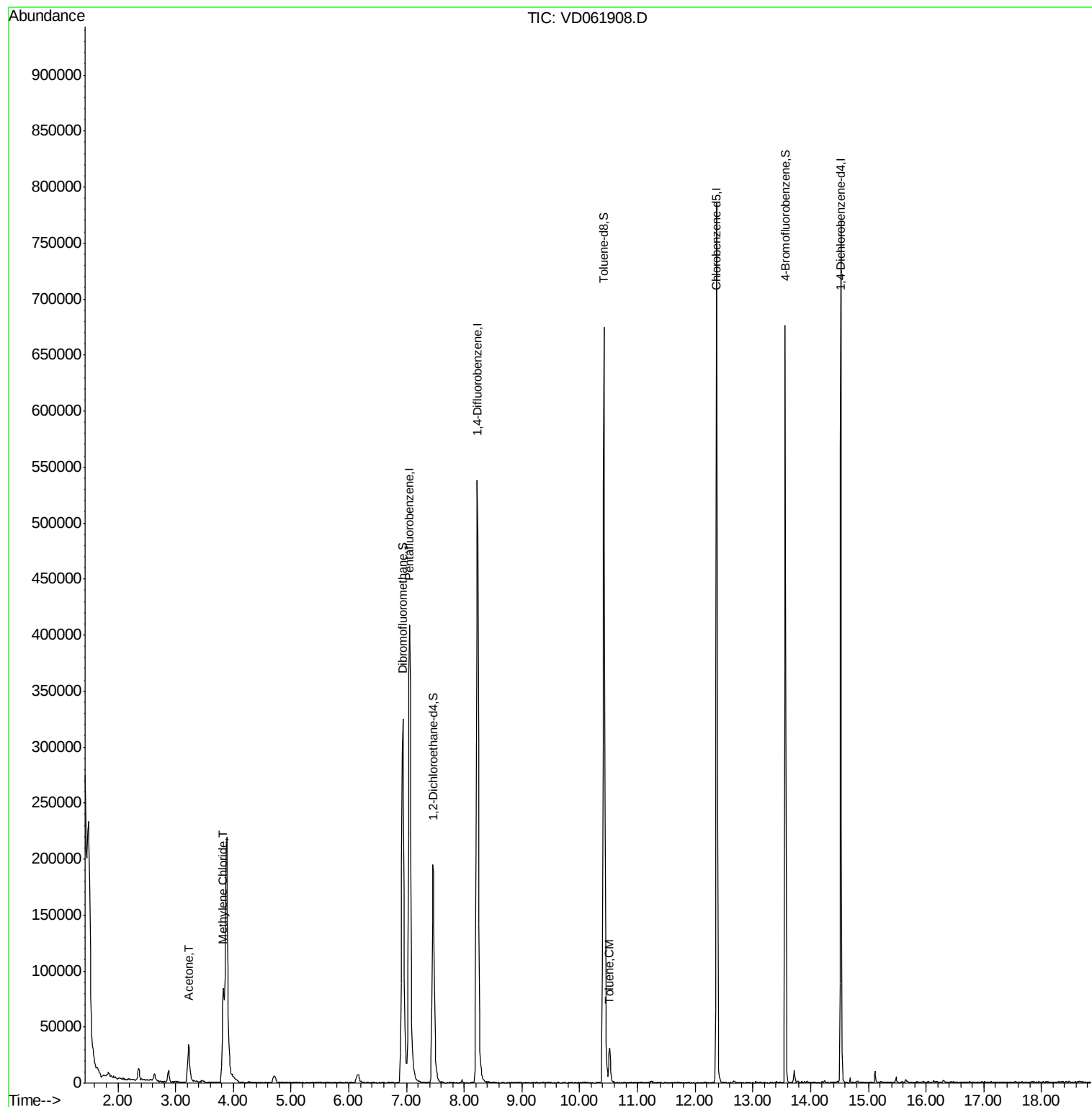
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	411146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	661289	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	500386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	179163	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	207816	60.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.62%	
35) Dibromofluoromethane	6.94	113	309136	61.88	ug/l	0.01
Spiked Amount 50.000			Recovery	=	123.76%	
50) Toluene-d8	10.42	98	574531	48.53	ug/l	0.01
Spiked Amount 50.000			Recovery	=	97.06%	
62) 4-Bromofluorobenzene	13.56	95	195653	40.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.56%	
Target Compounds						
16) Acetone	3.22	43	66360	78.139	ug/l	99
20) Methylene Chloride	3.83	84	64429	11.754	ug/l	93
52) Toluene	10.52	92	16104	1.937	ug/l	87

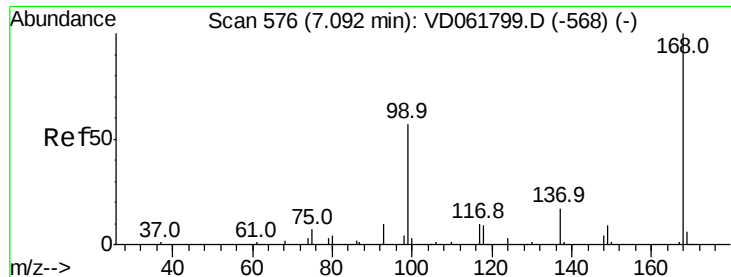
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD061908.D

Acq: 19 Apr 2019 14:16

Instrument :

MSVOA_D

ClientSampleId :

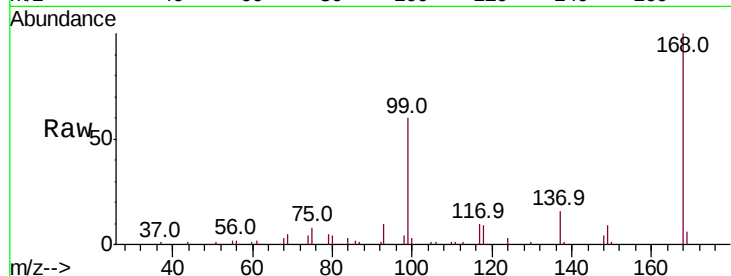
TP1-S

Tot Ion:168 Resp: 411146

Ion Ratio Lower Upper

168 100

99 59.7 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

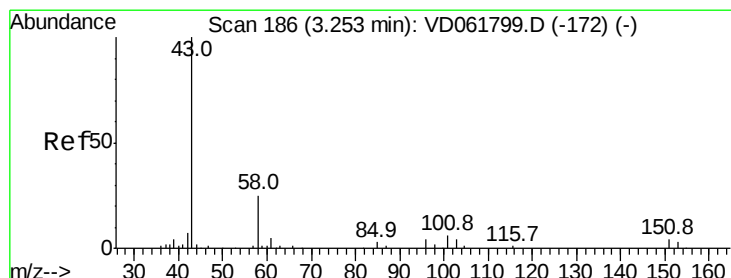
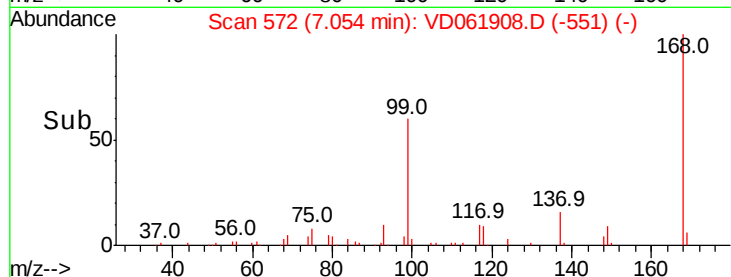
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 78.139 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD061908.D

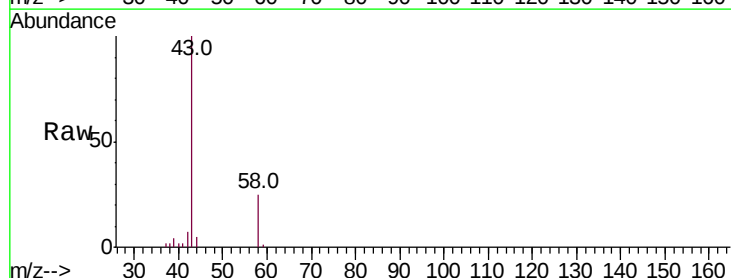
Acq: 19 Apr 2019 14:16

Tgt Ion: 43 Resp: 66360

Ion Ratio Lower Upper

43 100

58 25.5 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

25000

20000

15000

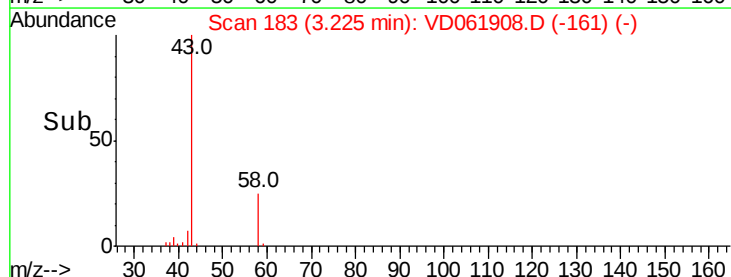
10000

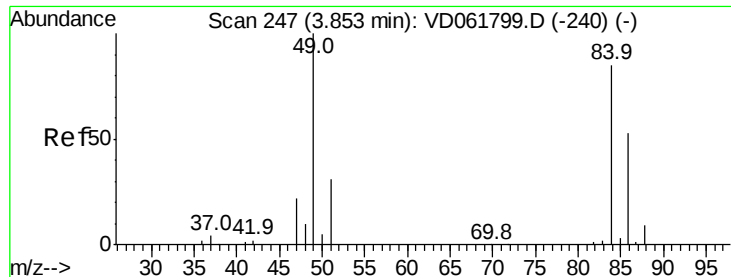
5000

0

Time-->

3.10 3.20 3.30 3.40

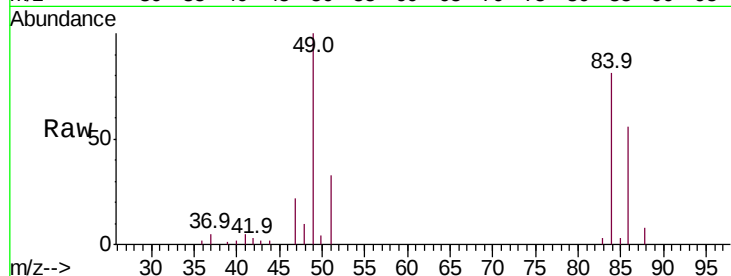




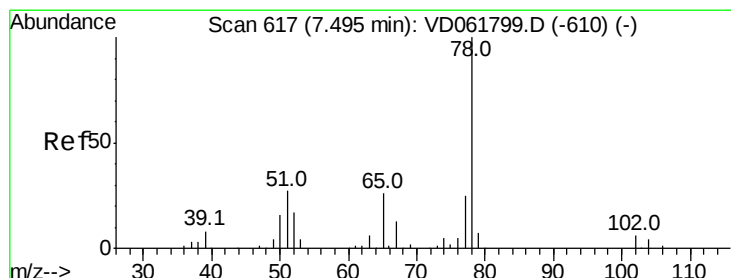
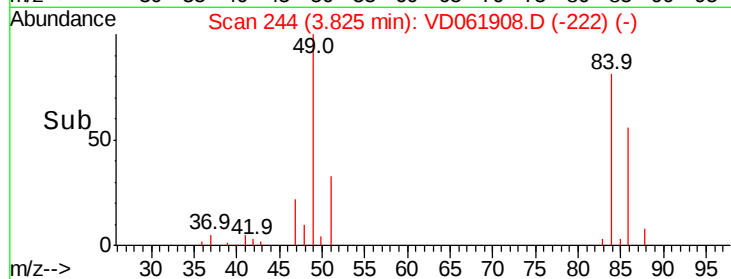
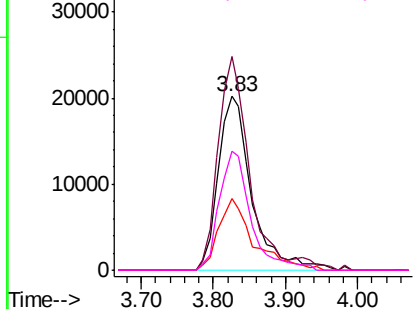
#20
Methvlene Chloride
Concen: 11.754 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.01 min
Lab File: VD061908.D
Acq: 19 Apr 2019 14:16

Instrument :
MSVOA_D
ClientSampled :
TP1-S

Tot Ion: 84 Resp: 64429
Ion Ratio Lower Upper
84 100
49 123.0 94.0 141.0
51 41.0 29.0 43.4
86 68.9 49.8 74.6

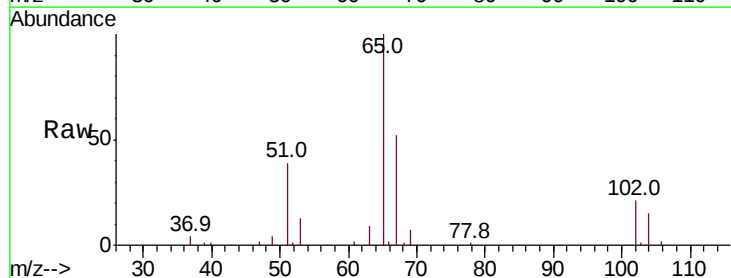


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

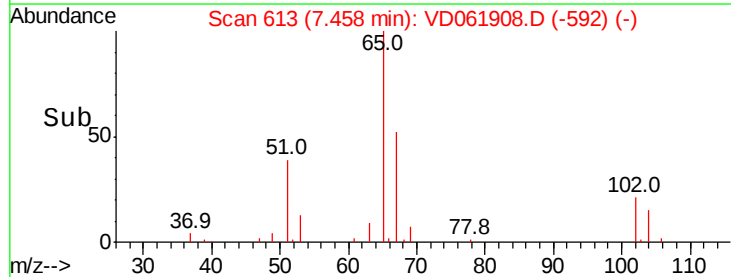
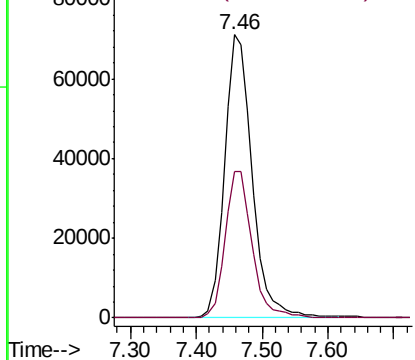


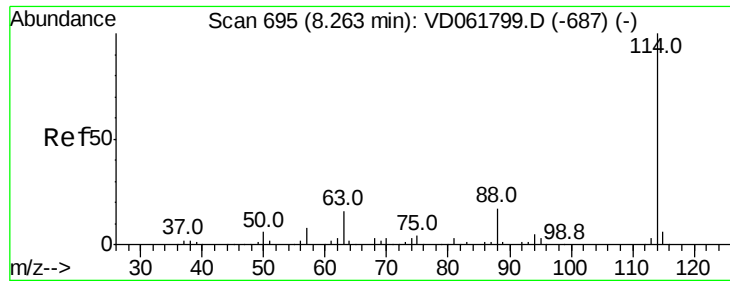
#33
1,2-Dichloroethane-d4
Concen: 60.310 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.00 min
Lab File: VD061908.D
Acq: 19 Apr 2019 14:16

Tgt Ion: 65 Resp: 207816
Ion Ratio Lower Upper
65 100
67 51.7 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: 8.23 min Scan# 691

Delta R.T. 0.00 min

Lab File: VD061908.D

Acq: 19 Apr 2019 14:16

Instrument :

MSVOA_D

ClientSampleId :

TP1-S

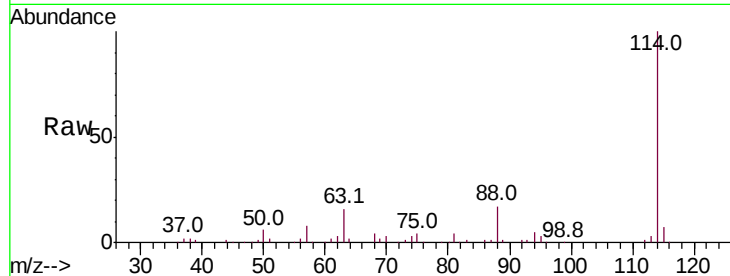
Tot Ion:114 Resp: 661289

Ion Ratio Lower Upper

114 100

63 15.7 0.0 32.4

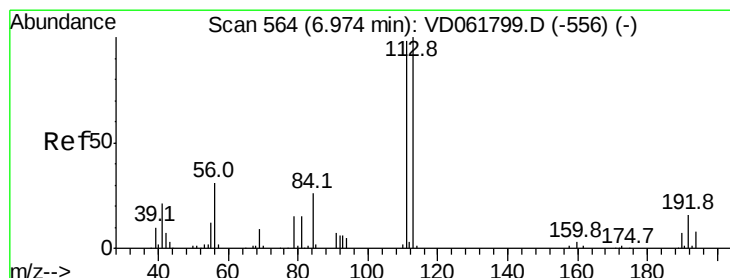
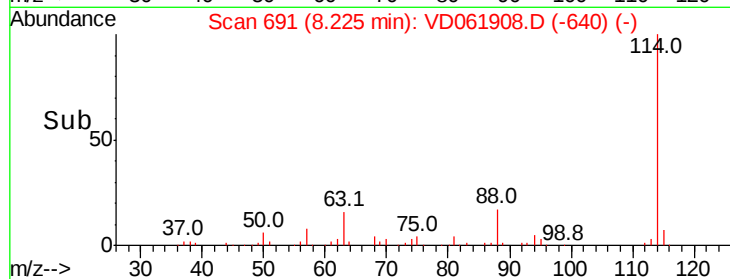
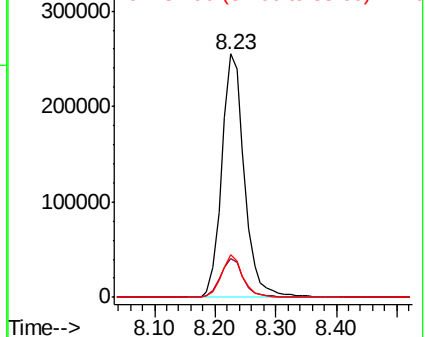
88 17.3 0.0 33.6



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: 61.876 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD061908.D

Acq: 19 Apr 2019 14:16

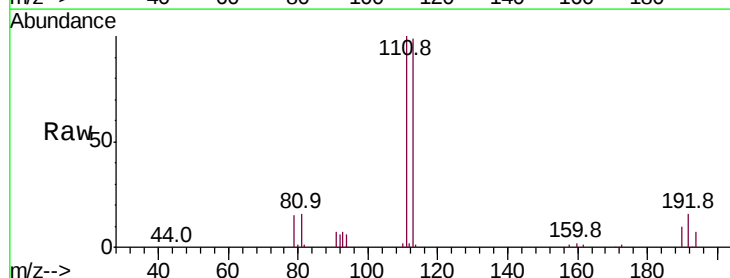
Tgt Ion:113 Resp: 309136

Ion Ratio Lower Upper

113 100

111 101.3 78.5 117.7

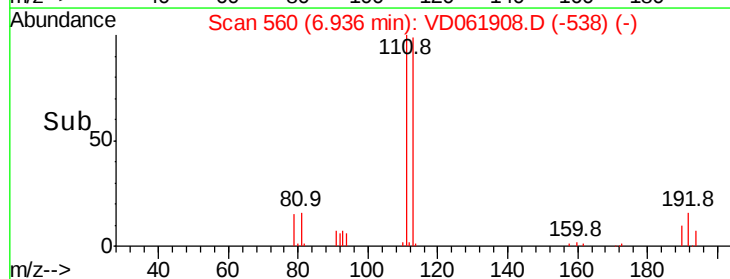
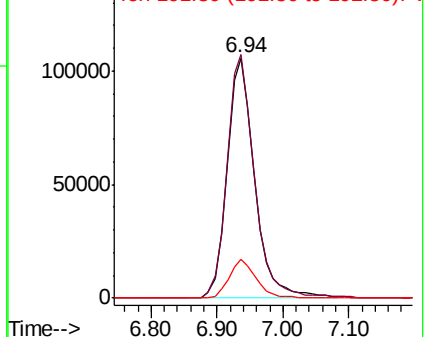
192 16.3 13.0 19.4

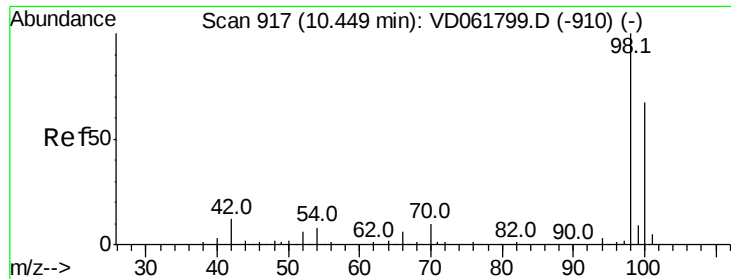


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

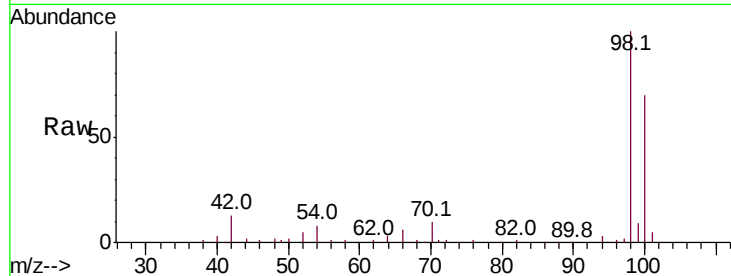




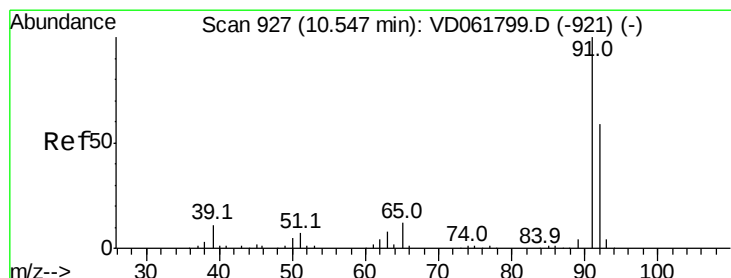
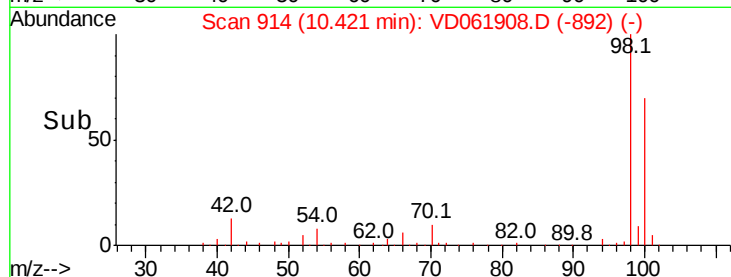
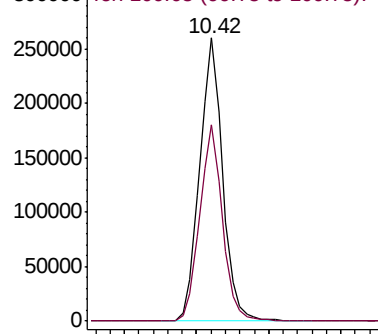
#50
Toluene-d8
Concen: 48.534 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD061908.D
Acq: 19 Apr 2019 14:16

Instrument :
MSVOA_D
ClientSampleId :
TP1-S

Tot Ion: 98 Resp: 574531
Ion Ratio Lower Upper
98 100
100 69.5 53.8 80.8

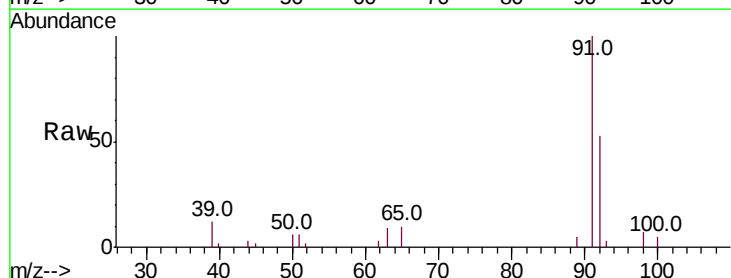


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

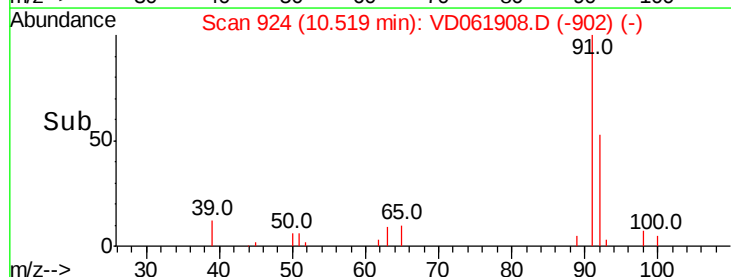
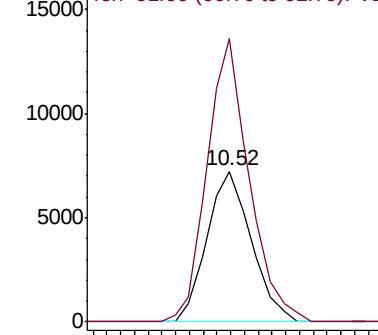


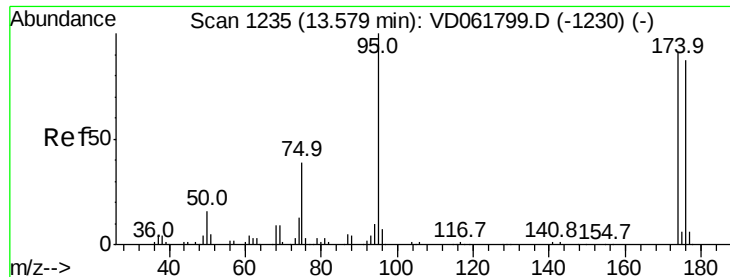
#52
Toluene
Concen: 1.937 ug/l
RT: 10.52 min Scan# 924
Delta R.T. 0.01 min
Lab File: VD061908.D
Acq: 19 Apr 2019 14:16

Tgt Ion: 92 Resp: 16104
Ion Ratio Lower Upper
92 100
91 187.9 136.6 204.8



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

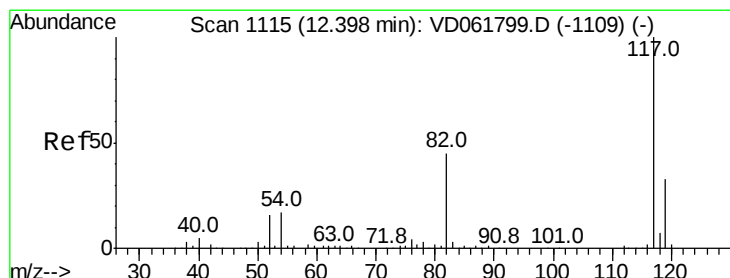
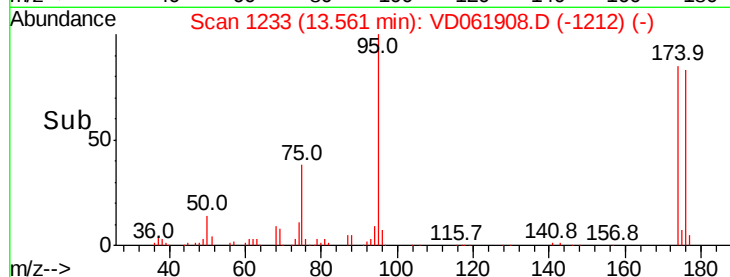
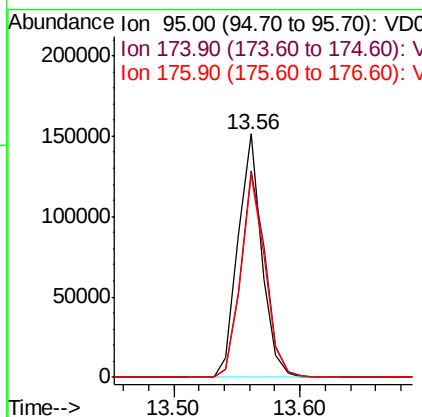
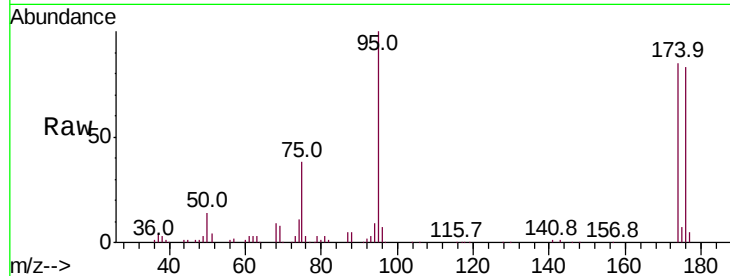




#62
 4-Bromofluorobenzene
 Concen: 40.778 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VD061908.D
 Acq: 19 Apr 2019 14:16

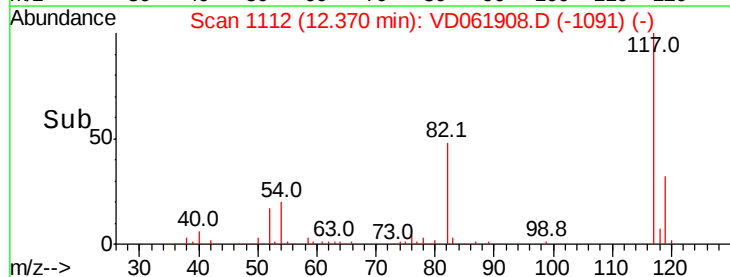
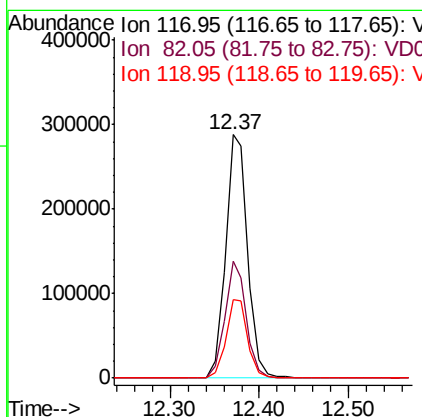
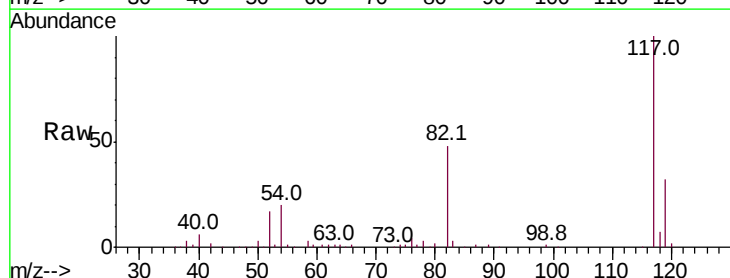
Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-S

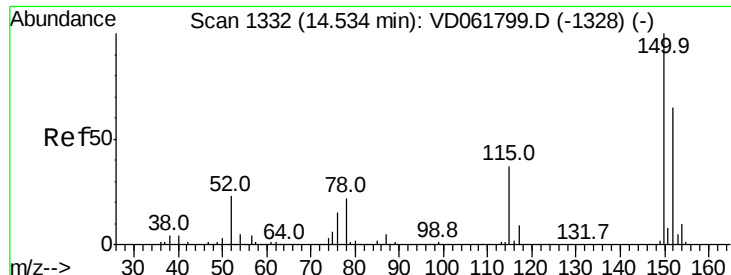
Tot Ion: 95 Resp: 195653
 Ion Ratio Lower Upper
 95 100
 174 85.0 0.0 181.8
 176 83.3 0.0 174.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.37 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: VD061908.D
 Acq: 19 Apr 2019 14:16

Tgt Ion: 117 Resp: 500386
 Ion Ratio Lower Upper
 117 100
 82 48.0 36.2 54.2
 119 32.0 26.2 39.4

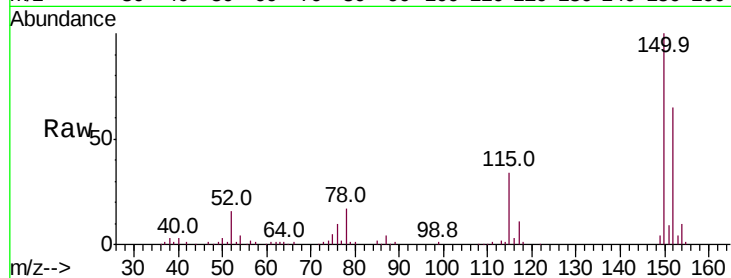




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: VD061908.D
 Acq: 19 Apr 2019 14:16

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-S

Tot Ion:152 Resp: 179163
 Ion Ratio Lower Upper
 152 100
 115 52.2 30.9 92.7
 150 154.8 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

