

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122818\
 Data File : VD060746.D
 Acq On : 28 Dec 2018 15:08
 Operator : VA/AP
 Sample : J6193-17
 Misc : 6.26g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-122718-D

Quant Time: Dec 28 22:17:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 2018
 Response via : Initial Calibration

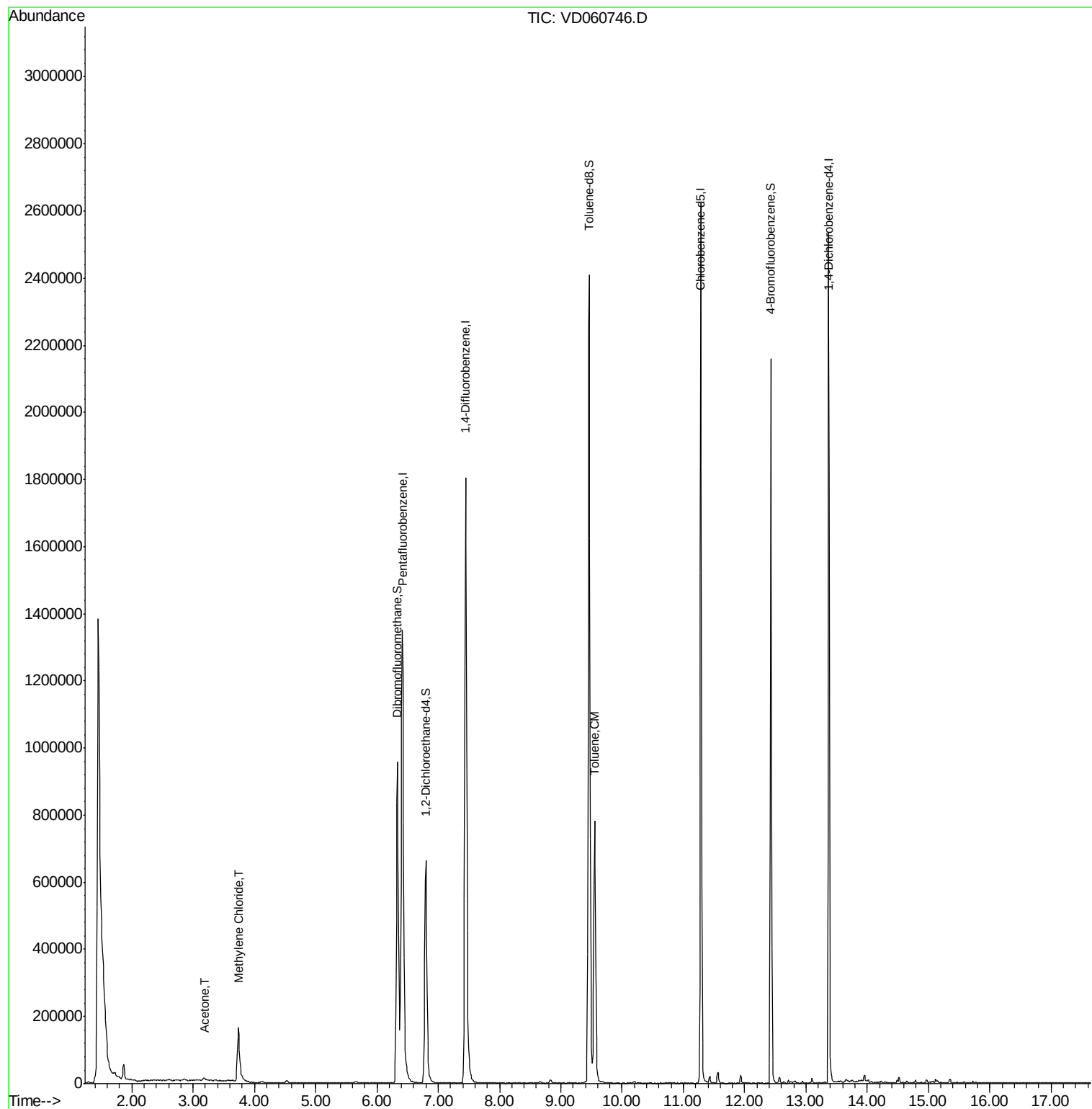
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1361969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	1923886	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1410960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	596116	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	541991	57.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.16%	
35) Dibromofluoromethane	6.33	113	752550	53.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.88%	
50) Toluene-d8	9.46	98	2012264	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
62) 4-Bromofluorobenzene	12.43	95	593833	40.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.72%	
Target Compounds						
16) Acetone	3.18	43	17346	10.553	ug/l	Qvalue 100
20) Methylene Chloride	3.74	84	111725	6.545	ug/l	95
52) Toluene	9.55	92	409900	12.778	ug/l	97

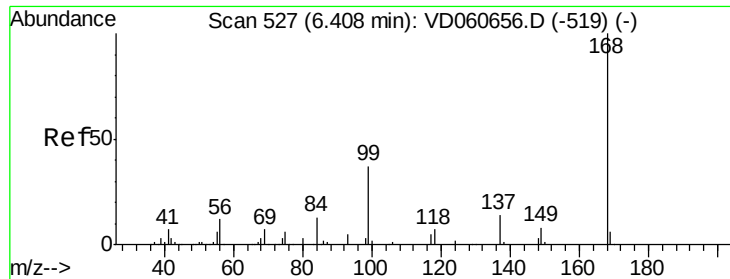
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122818\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 527

Delta R.T. 0.01 min

Lab File: VD060746.D

Acq: 28 Dec 2018 15:08

Instrument :

MSVOA_D

ClientSampleId :

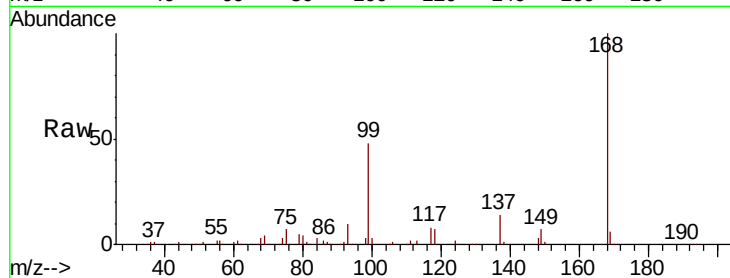
CL-02-122718-D

Tot Ion:168 Resp: 1361969

Ion Ratio Lower Upper

168 100

99 48.2 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.41

500000

400000

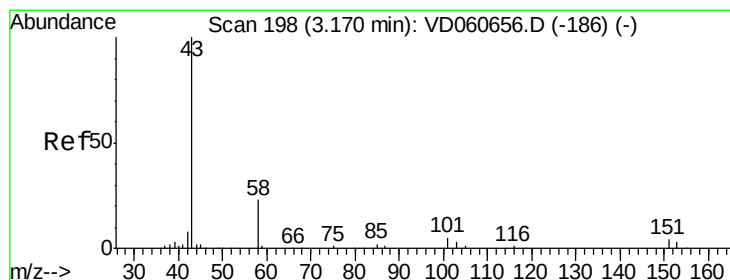
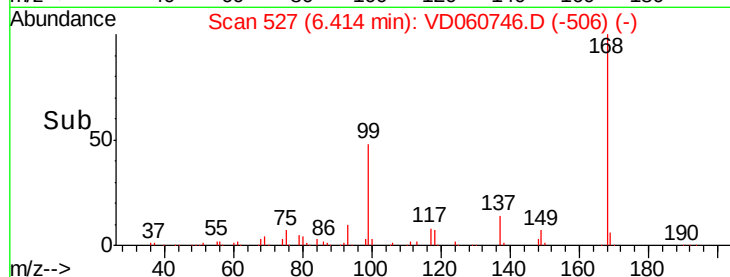
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 10.553 ug/l

RT: 3.18 min Scan# 198

Delta R.T. 0.01 min

Lab File: VD060746.D

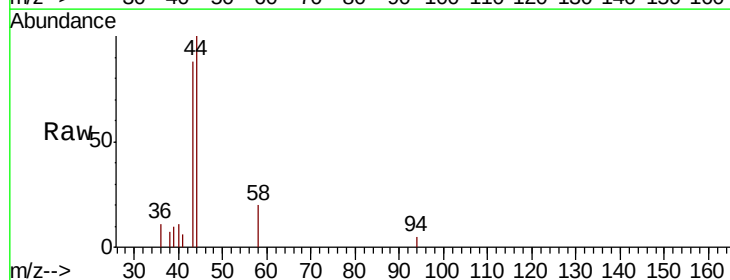
Acq: 28 Dec 2018 15:08

Tgt Ion: 43 Resp: 17346

Ion Ratio Lower Upper

43 100

58 22.6 18.2 27.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.18

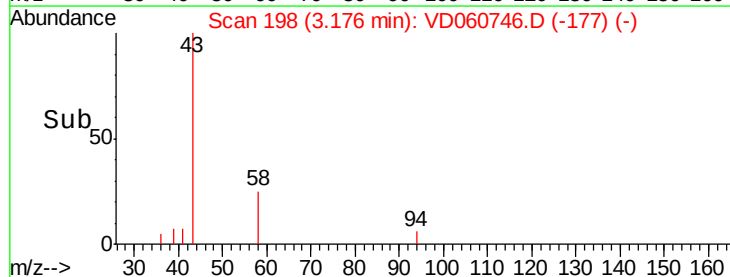
6000

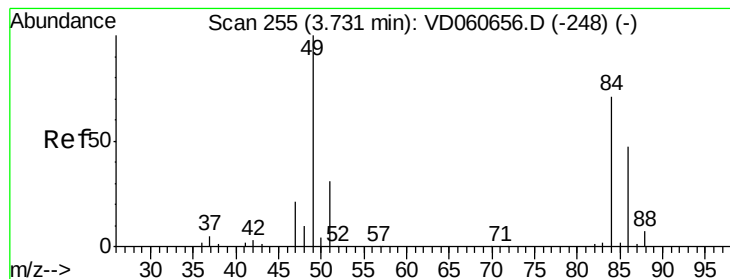
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 6.545 ug/l

RT: 3.74 min Scan# 255

Delta R.T. 0.01 min

Lab File: VD060746.D

Acq: 28 Dec 2018 15:08

Instrument :

MSVOA_D

ClientSampleId :

CL-02-122718-D

Tot Ion: 84 Resp: 111725

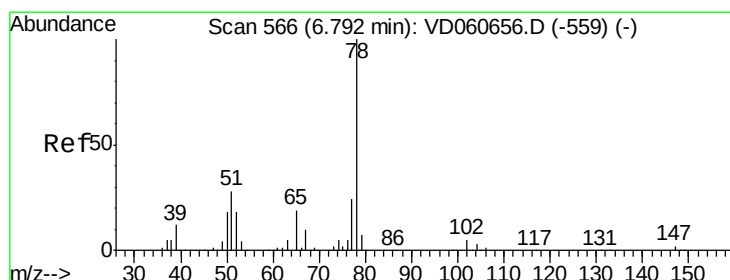
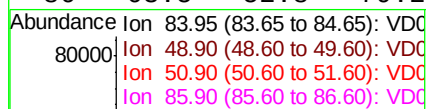
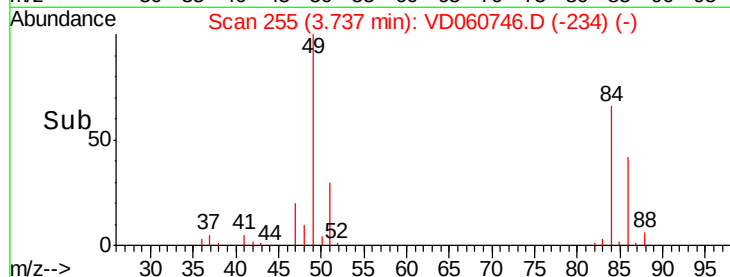
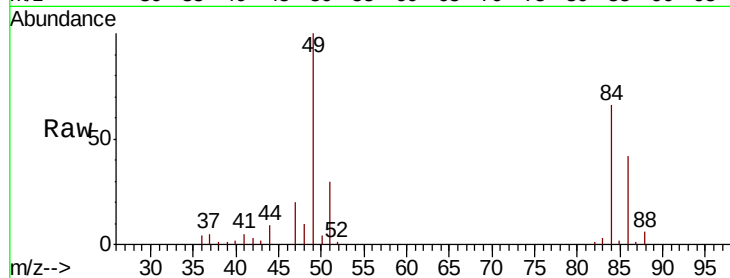
Ion Ratio Lower Upper

84 100

49 150.5 113.6 170.4

51 44.7 34.7 52.1

86 63.5 52.8 79.2



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.80 min Scan# 566

Delta R.T. 0.01 min

Lab File: VD060746.D

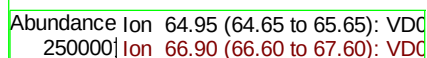
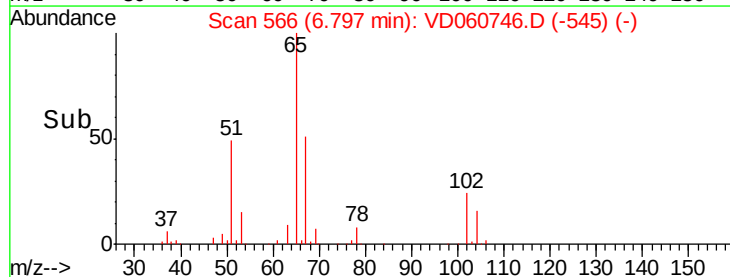
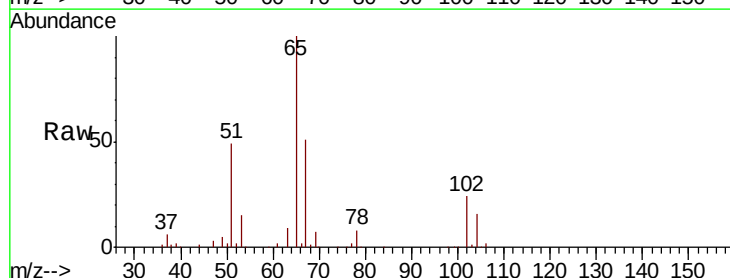
Acq: 28 Dec 2018 15:08

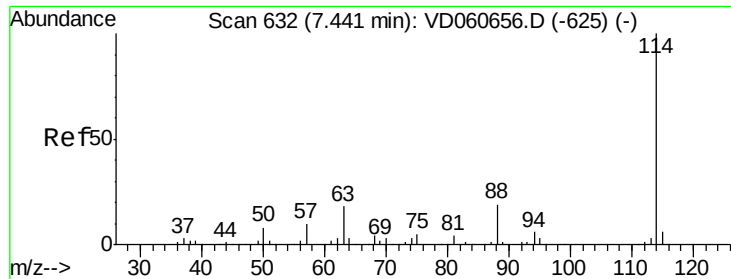
Tgt Ion: 65 Resp: 541991

Ion Ratio Lower Upper

65 100

67 51.3 0.0 105.4

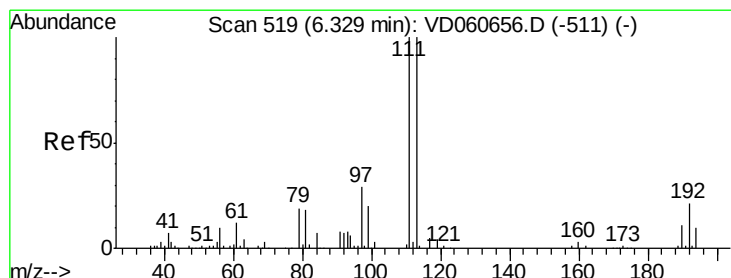
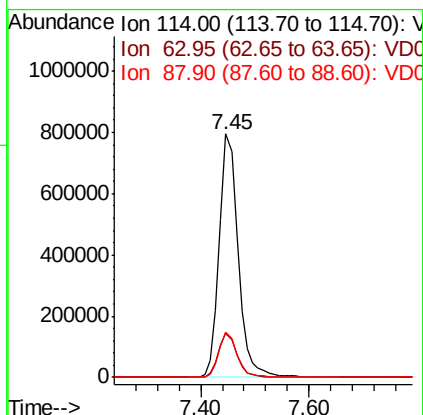
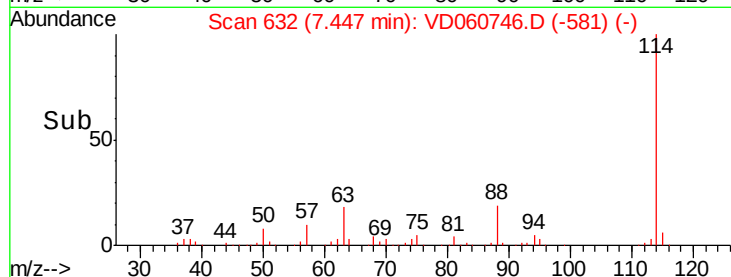
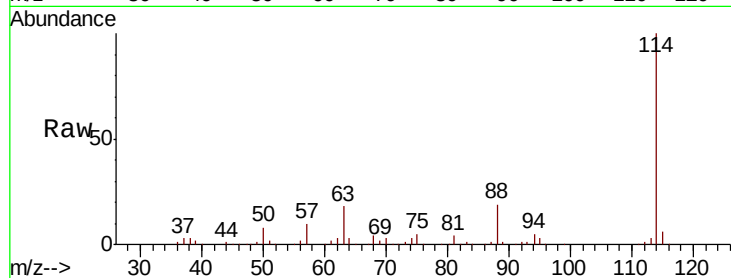




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: VD060746.D
 Acq: 28 Dec 2018 15:08

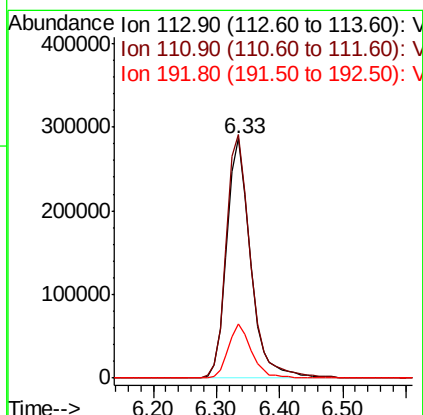
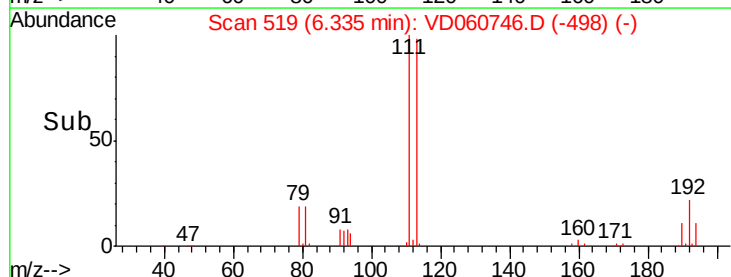
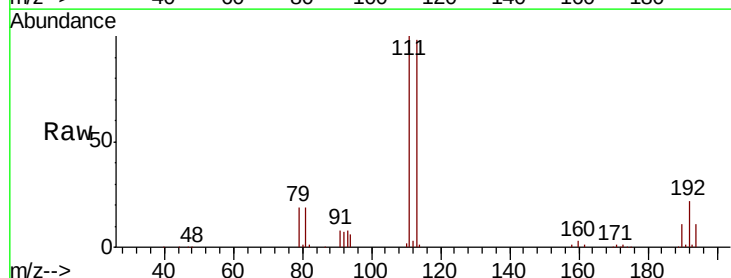
Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-122718-D

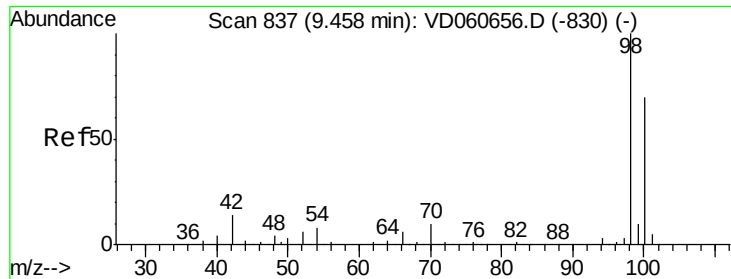
Tot Ion:114 Resp: 1923886
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.2
 88 18.5 0.0 37.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: VD060746.D
 Acq: 28 Dec 2018 15:08

Tgt Ion:113 Resp: 752550
 Ion Ratio Lower Upper
 113 100
 111 101.8 80.0 120.0
 192 22.8 16.6 25.0

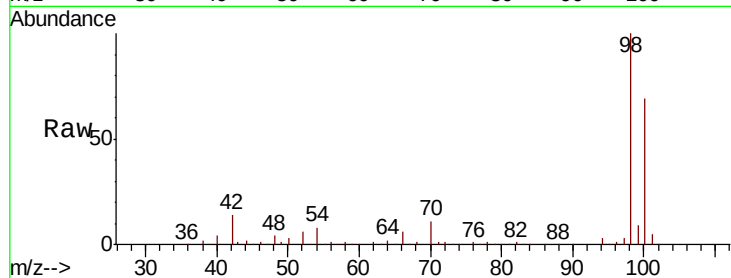




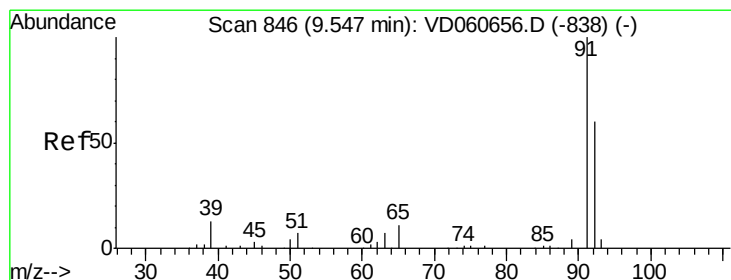
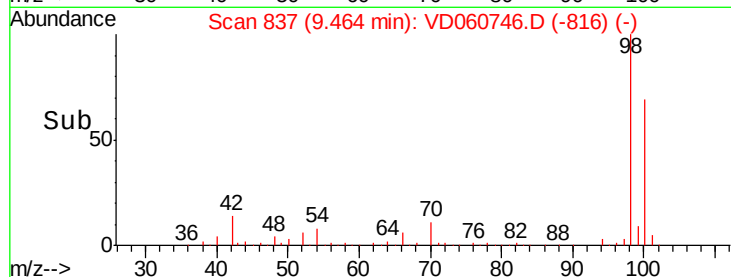
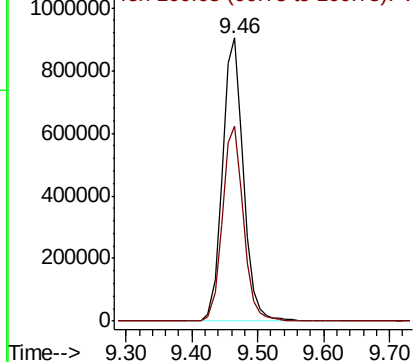
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 837
Delta R.T. 0.01 min
Lab File: VD060746.D
Acq: 28 Dec 2018 15:08

Instrument :
MSVOA_D
ClientSampleId :
CL-02-122718-D

Tot Ion: 98 Resp: 2012264
Ion Ratio Lower Upper
98 100
100 69.0 55.8 83.8

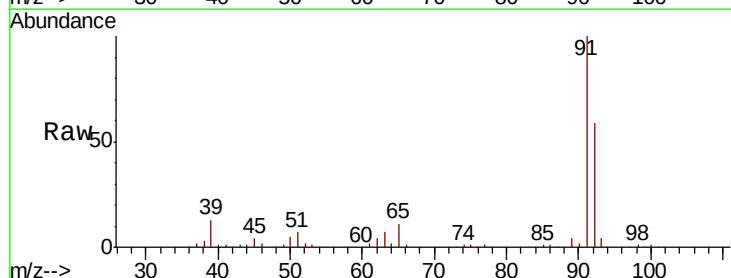


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

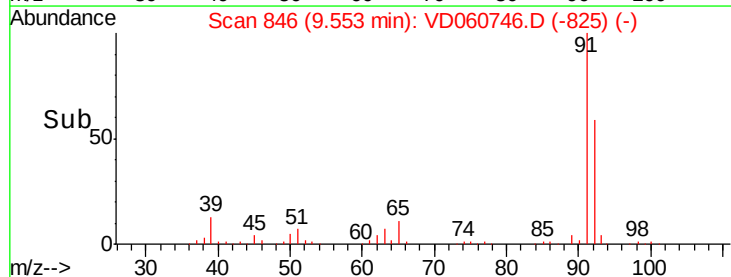
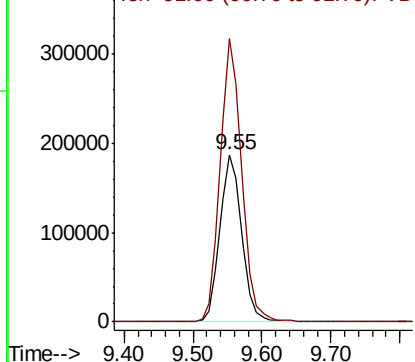


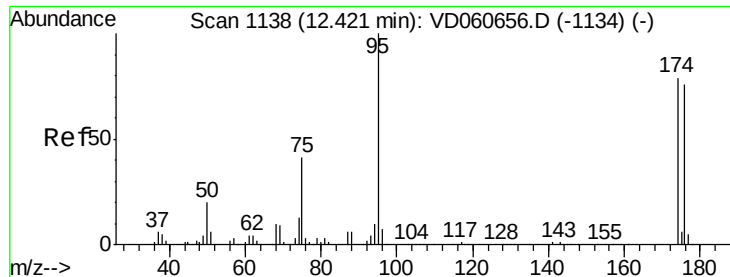
#52
Toluene
Concen: 12.778 ug/l
RT: 9.55 min Scan# 846
Delta R.T. 0.01 min
Lab File: VD060746.D
Acq: 28 Dec 2018 15:08

Tgt Ion: 92 Resp: 409900
Ion Ratio Lower Upper
92 100
91 169.2 132.6 199.0



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: 12.43 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VD060746.D

Acq: 28 Dec 2018 15:08

Instrument :

MSVOA_D

ClientSampleId :

CL-02-122718-D

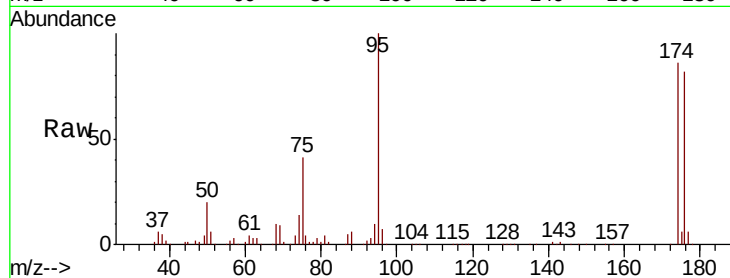
Tot Ion: 95 Resp: 593833

Ion Ratio Lower Upper

95 100

174 85.5 0.0 158.2

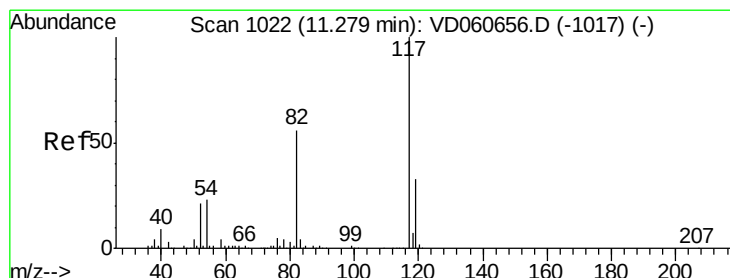
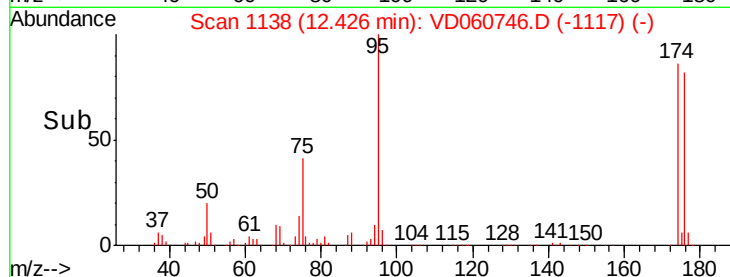
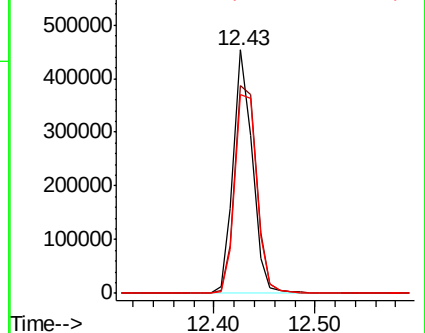
176 81.8 0.0 152.4



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: 11.28 min Scan# 1022

Delta R.T. 0.01 min

Lab File: VD060746.D

Acq: 28 Dec 2018 15:08

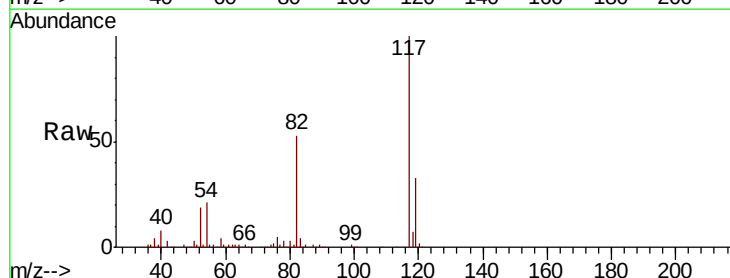
Tgt Ion: 117 Resp: 1410960

Ion Ratio Lower Upper

117 100

82 53.5 44.5 66.7

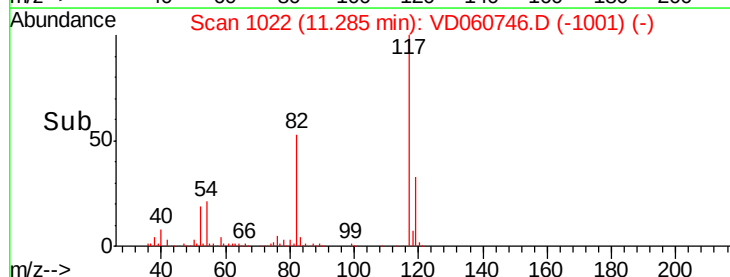
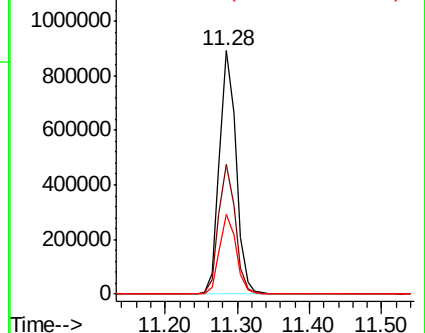
119 32.8 26.3 39.5

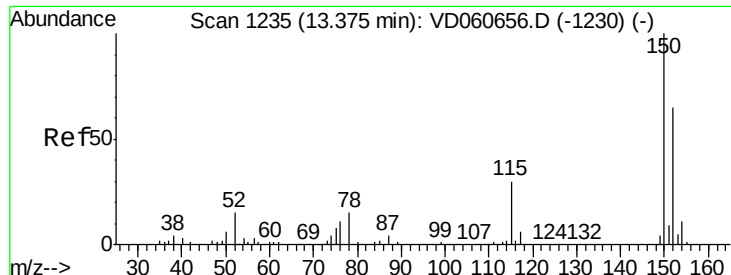


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

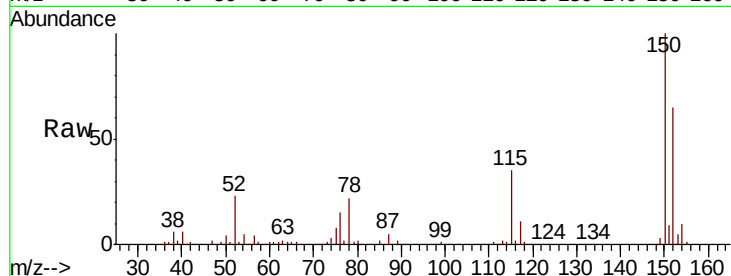




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.37 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: VD060746.D
 Acq: 28 Dec 2018 15:08

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-122718-D

Tot Ion	Ratio	Lower	Upper
152	100		
115	52.9	24.1	72.3
150	152.9	0.0	315.0



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

