

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122718\
 Data File : VD060729.D
 Acq On : 27 Dec 2018 16:31
 Operator : VA/AP
 Sample : J6446-13RE
 Misc : 3.70g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P001-SS022-0612-01RE

Quant Time: Dec 28 02:04:12 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

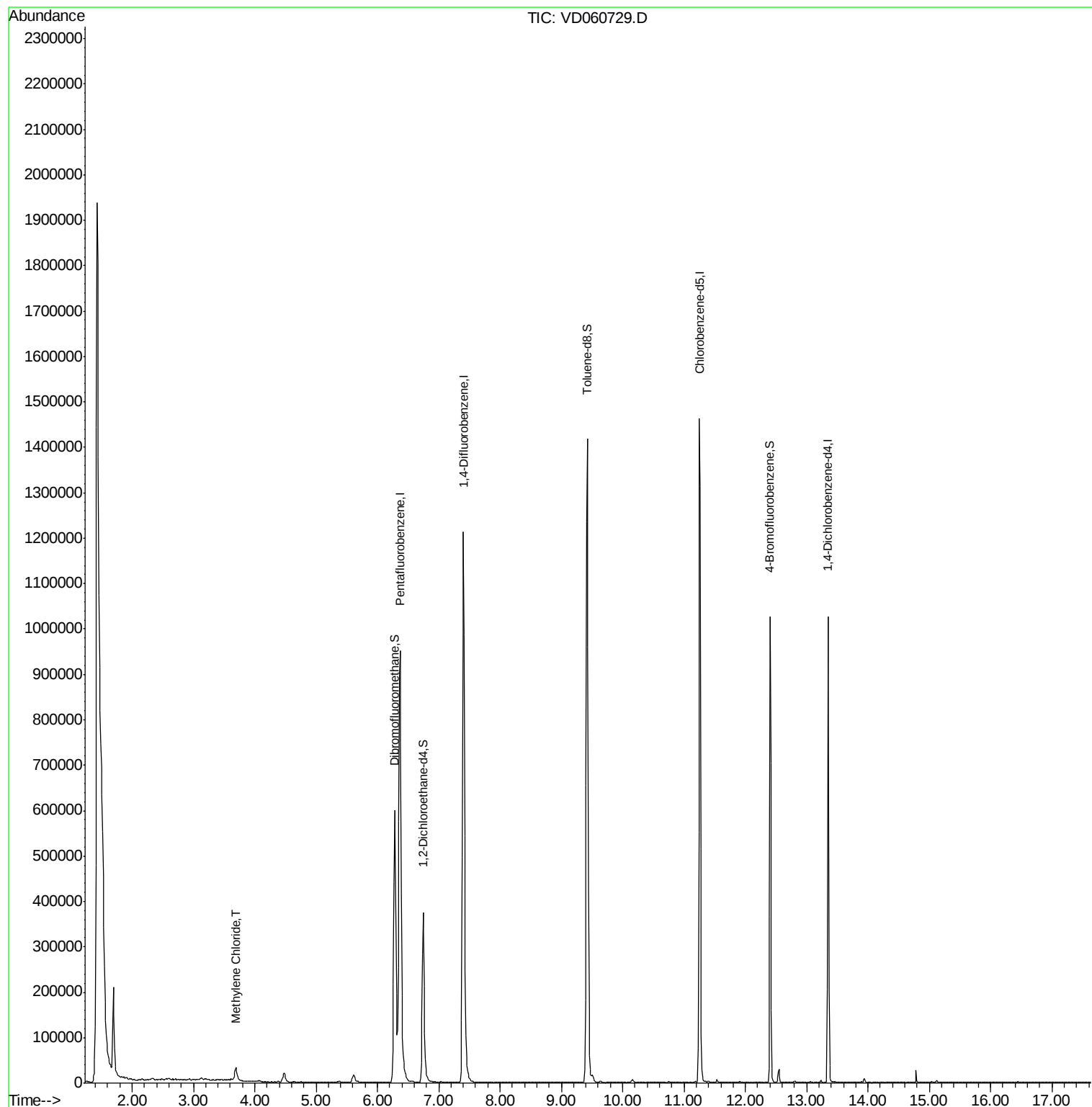
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	981183	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.40	114	1293000	50.00	ug/l	-0.04
63) Chlorobenzene-d5	11.25	117	813041	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	247453	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.74	65	324821	47.90	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	95.80%	
35) Dibromofluoromethane	6.28	113	483613	51.10	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	102.20%	
50) Toluene-d8	9.42	98	1142911	40.48	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	80.96%	
62) 4-Bromofluorobenzene	12.40	95	269994	27.30	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	54.60%	
Target Compounds						
20) Methylene Chloride	3.68	84	17021	1.384	ug/l	Qvalue 86

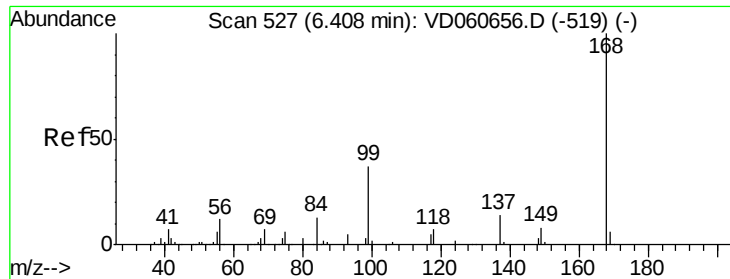
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122718\
Data File : VD060729.D
Acq On : 27 Dec 2018 16:31
Operator : VA/AP
Sample : J6446-13RE
Misc : 3.70µl/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P001-SS022-0612-01RE

Quant Time: Dec 28 02:04:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.37 min Scan# 523

Delta R.T. -0.04 min

Lab File: VD060729.D

Acq: 27 Dec 2018 16:31

Instrument :

MSVOA_D

ClientSampleId :

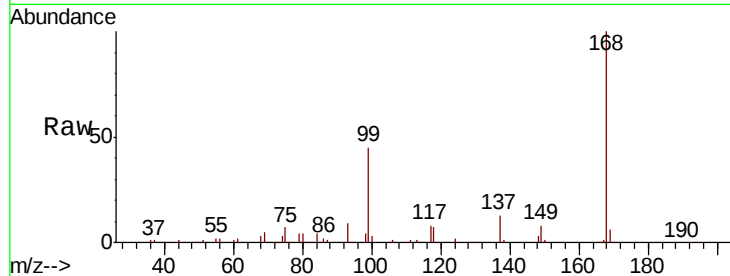
P001-SS022-0612-01RE

Tot Ion:168 Resp: 981183

Ion Ratio Lower Upper

168 100

99 45.4 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.37

400000

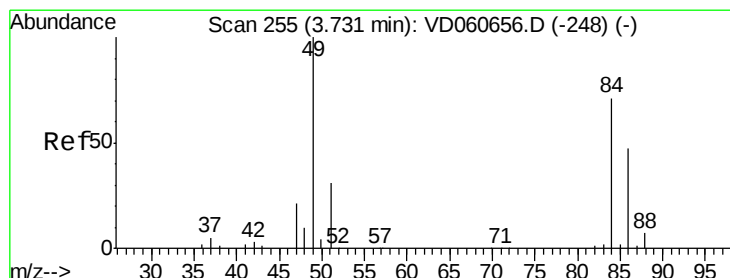
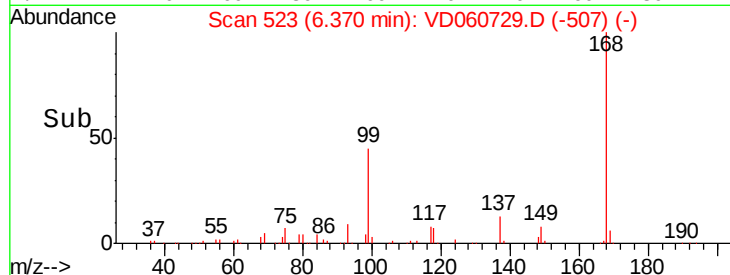
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 1.384 ug/l

RT: 3.68 min Scan# 250

Delta R.T. -0.05 min

Lab File: VD060729.D

Acq: 27 Dec 2018 16:31

Tgt Ion: 84 Resp: 17021

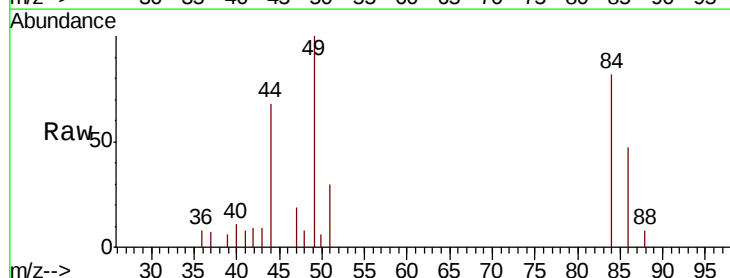
Ion Ratio Lower Upper

84 100

49 122.1 113.6 170.4

51 36.7 34.7 52.1

86 57.8 52.8 79.2



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

12000

10000

8000

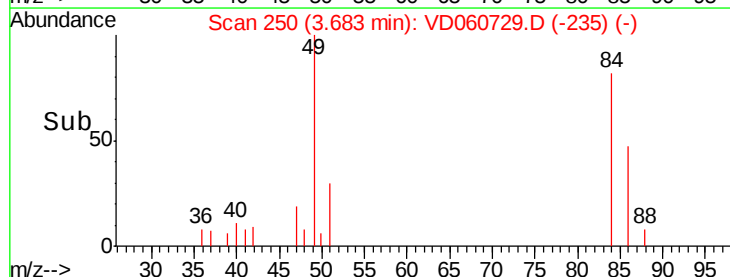
6000

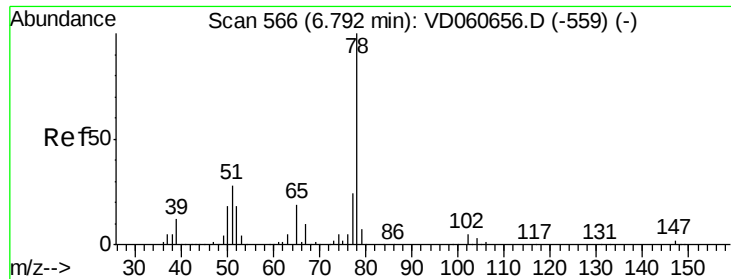
4000

2000

0

Time-->

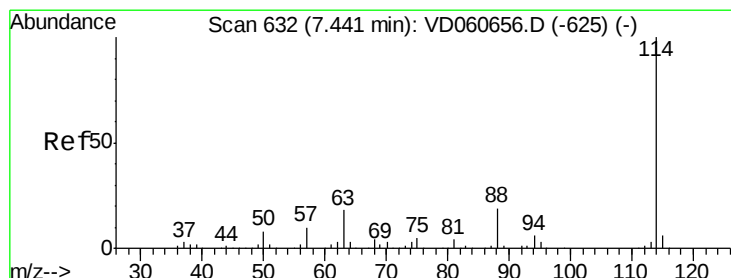
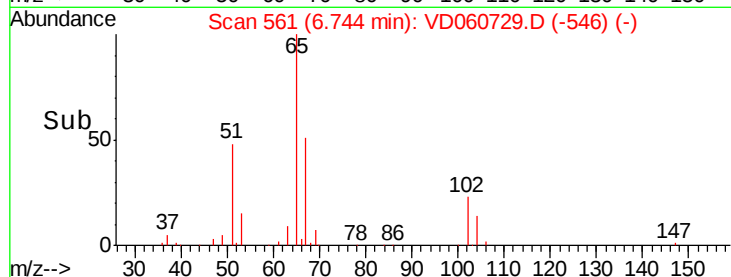
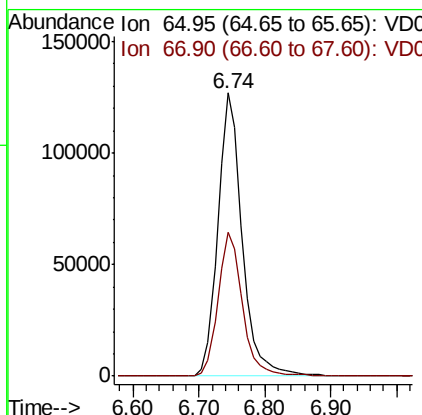
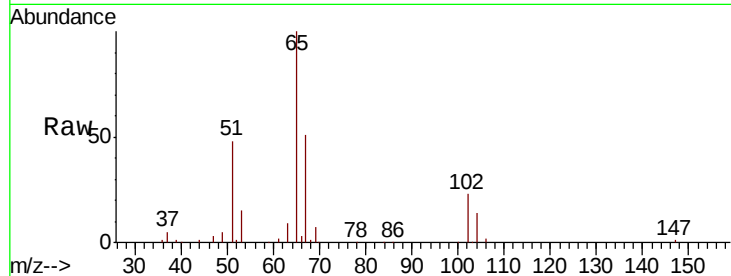




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.74 min Scan# 561
 Delta R.T. -0.05 min
 Lab File: VD060729.D
 Acq: 27 Dec 2018 16:31

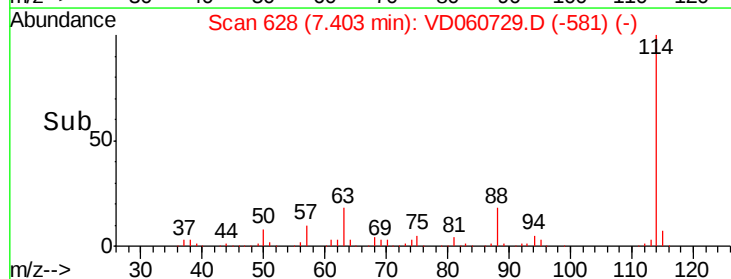
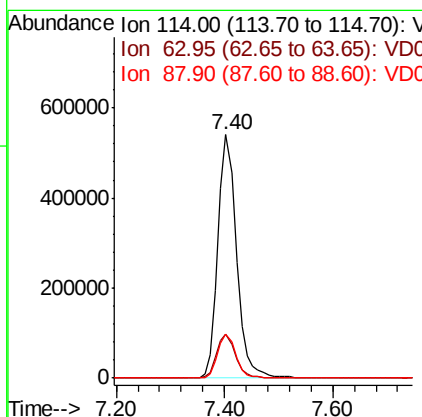
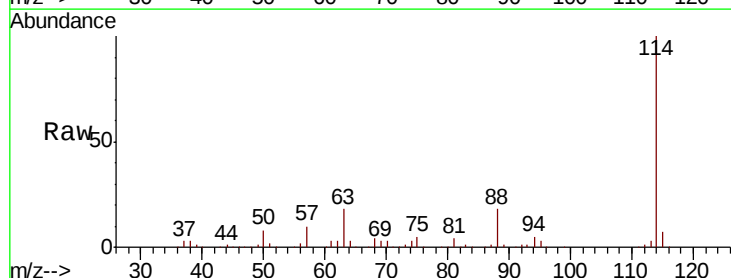
Instrument :
 MSVOA_D
 ClientSampleId :
 P001-SS022-0612-01RE

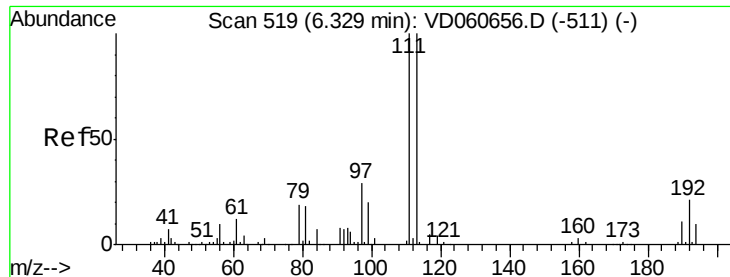
Tot Ion: 65 Resp: 324821
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.40 min Scan# 628
 Delta R.T. -0.04 min
 Lab File: VD060729.D
 Acq: 27 Dec 2018 16:31

Tgt Ion: 114 Resp: 1293000
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.2
 88 18.0 0.0 37.0

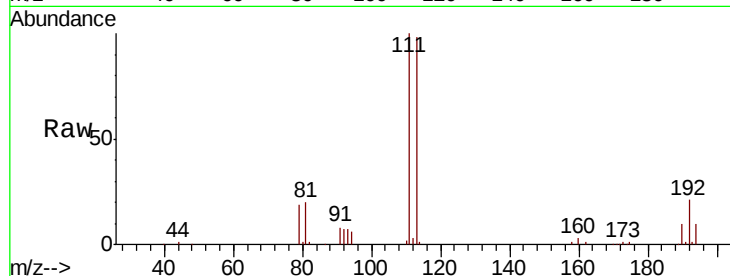




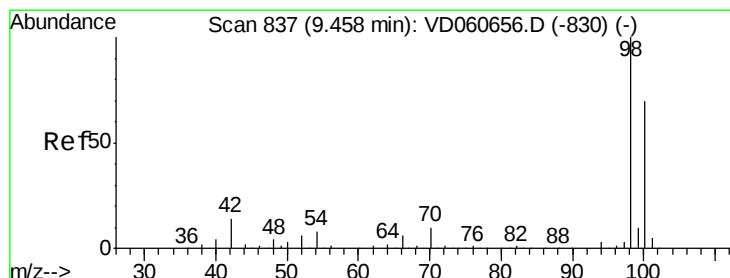
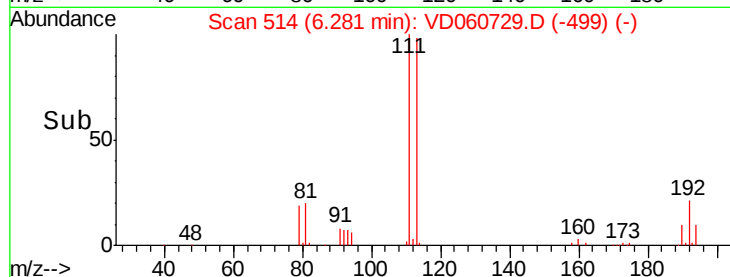
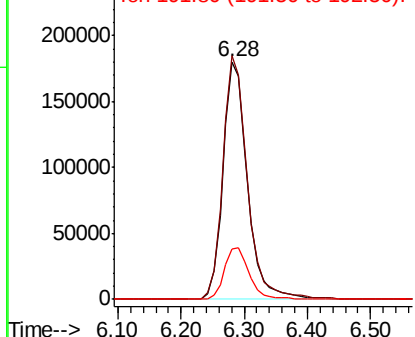
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.28 min Scan# 514
Delta R.T. -0.05 min
Lab File: VD060729.D
Acq: 27 Dec 2018 16:31

Instrument :
MSVOA_D
ClientSampleId :
P001-SS022-0612-01RE

Tot Ion:113 Resp: 483613
Ion Ratio Lower Upper
113 100
111 102.4 80.0 120.0
192 21.0 16.6 25.0

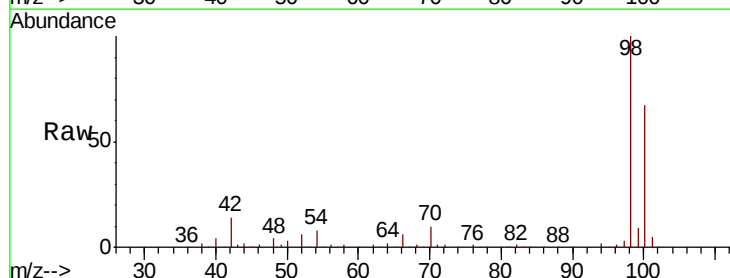


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

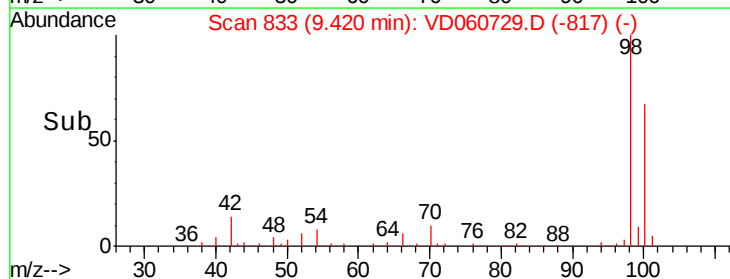
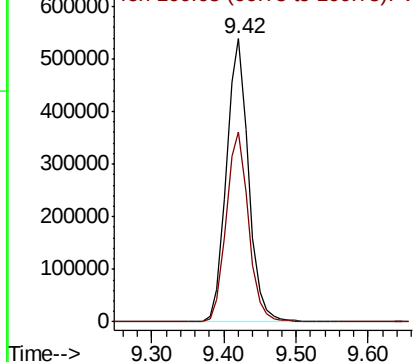


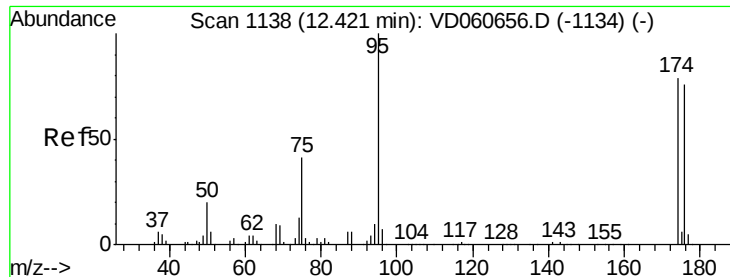
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.42 min Scan# 833
Delta R.T. -0.04 min
Lab File: VD060729.D
Acq: 27 Dec 2018 16:31

Tgt Ion: 98 Resp: 1142911
Ion Ratio Lower Upper
98 100
100 67.0 55.8 83.8



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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 1136

Delta R.T. -0.02 min

Lab File: VD060729.D

Acq: 27 Dec 2018 16:31

Instrument :

MSVOA_D

ClientSampleId :

P001-SS022-0612-01RE

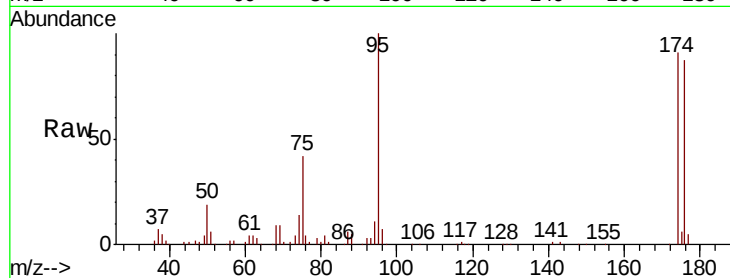
Tot Ion: 95 Resp: 269994

Ion Ratio Lower Upper

95 100

174 91.4 0.0 158.2

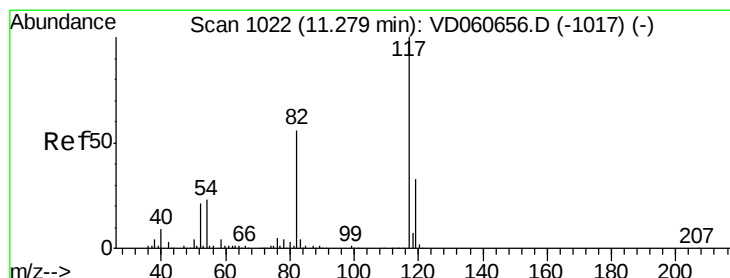
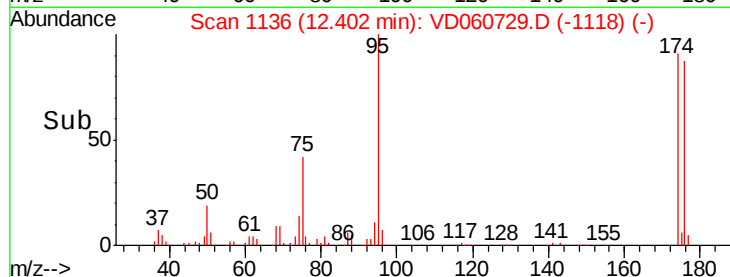
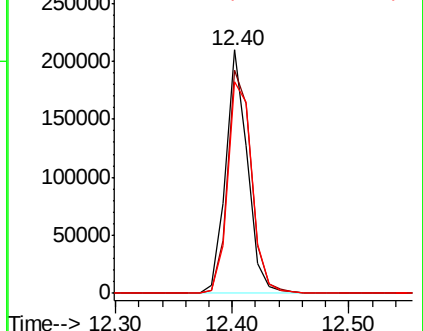
176 87.1 0.0 152.4



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: 11.25 min Scan# 1019

Delta R.T. -0.03 min

Lab File: VD060729.D

Acq: 27 Dec 2018 16:31

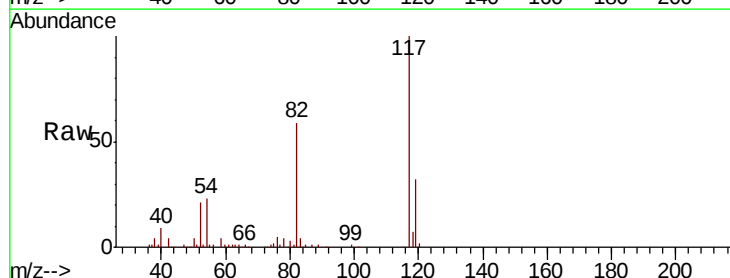
Tgt Ion: 117 Resp: 813041

Ion Ratio Lower Upper

117 100

82 58.8 44.5 66.7

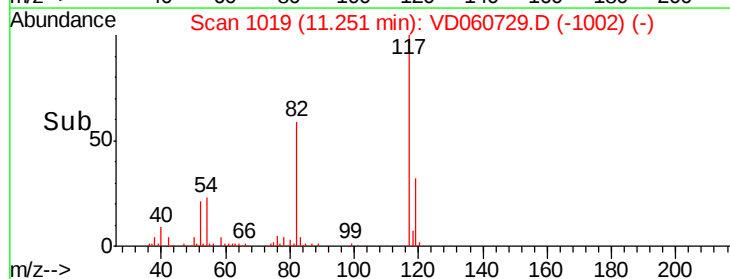
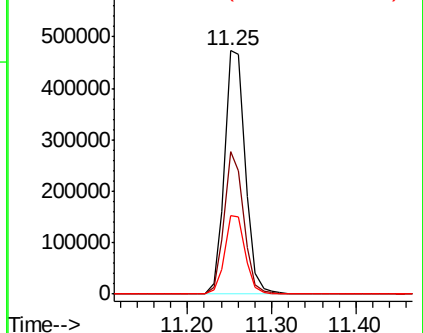
119 32.4 26.3 39.5

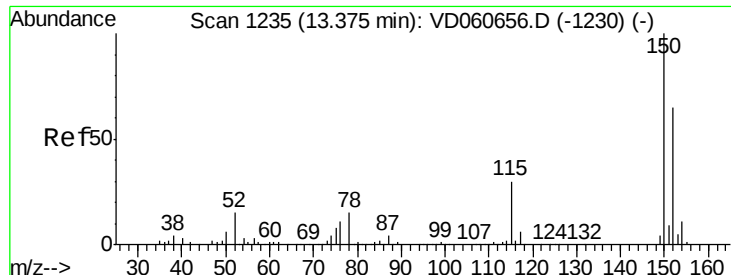


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

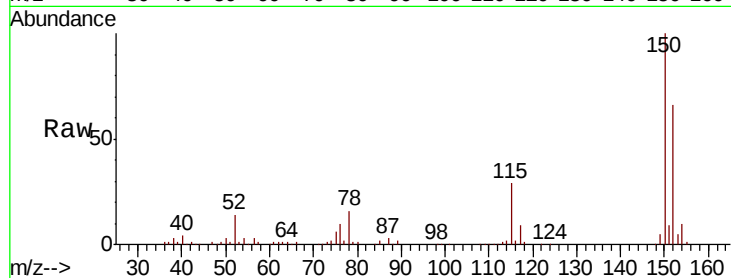




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.36 min Scan# 1233
 Delta R.T. -0.02 min
 Lab File: VD060729.D
 Acq: 27 Dec 2018 16:31

Instrument :
 MSVOA_D
 ClientSampleId :
 P001-SS022-0612-01RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	43.7	24.1	72.3
150	151.6	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

