

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122718\
 Data File : VD060732.D
 Acq On : 27 Dec 2018 17:54
 Operator : VA/AP
 Sample : J6446-19RE
 Misc : 5.09g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P001-SS023-0612-01RE

Quant Time: Dec 28 02:09:44 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	32252	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.40	114	54467	50.00	ug/l	-0.04
63) Chlorobenzene-d5	11.26	117	49298	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	19018	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.74	65	39931	179.16	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	358.32%	
35) Dibromofluoromethane	6.28	113	33475	83.97	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	167.94%	
50) Toluene-d8	9.42	98	56079	47.15	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	94.30%	
62) 4-Bromofluorobenzene	12.40	95	19058	45.75	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	91.50%	

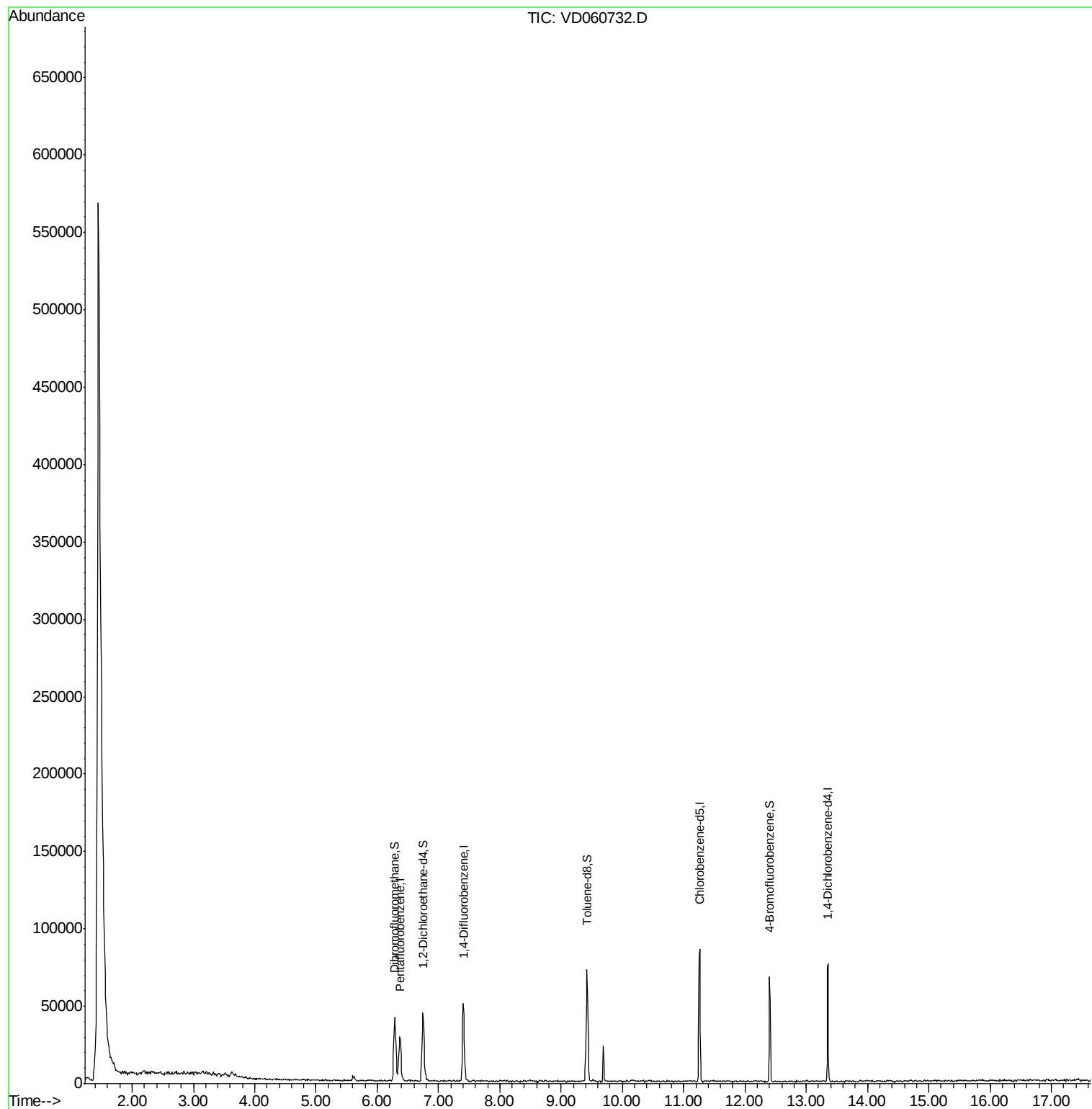
Target Compounds	Qvalue
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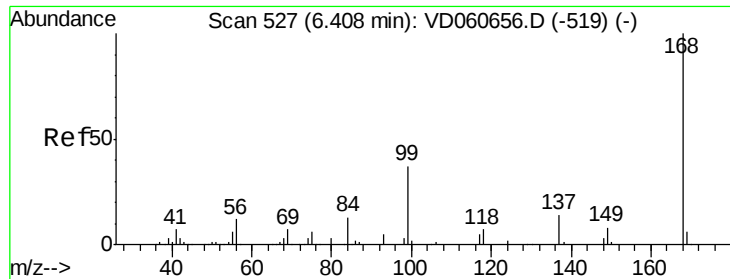
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122718\
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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: VD060732.D

Acq: 27 Dec 2018 17:54

Instrument :

MSVOA_D

ClientSampleId :

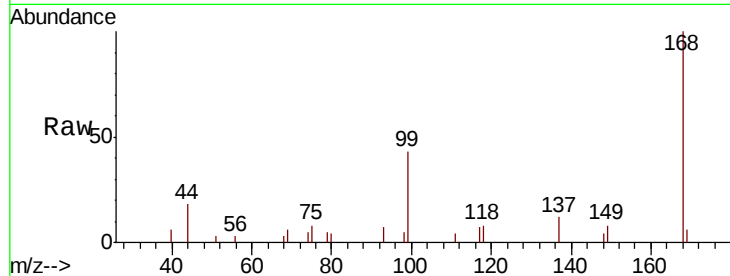
P001-SS023-0612-01RE

Tot Ion:168 Resp: 32252

Ion Ratio Lower Upper

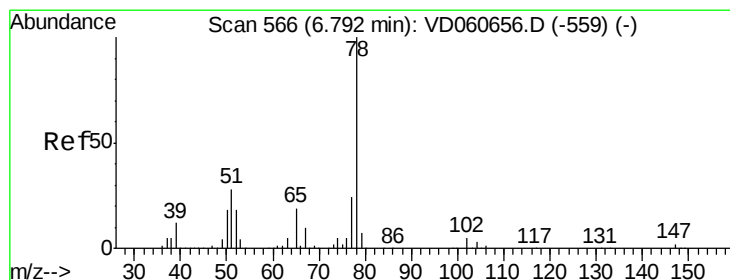
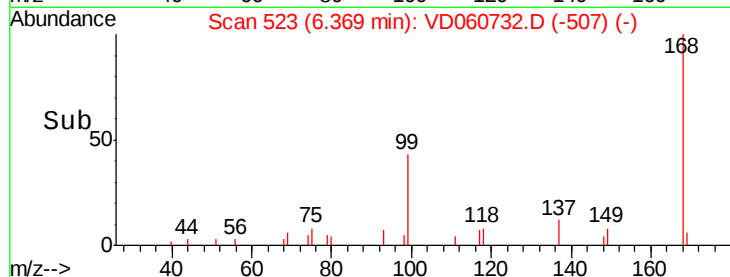
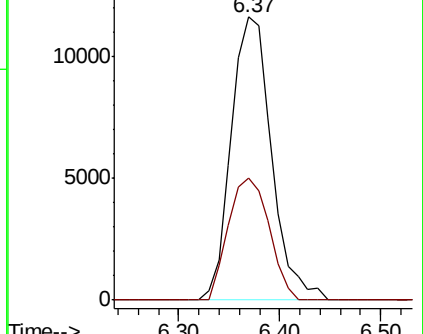
168 100

99 42.9 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.74 min Scan# 561

Delta R.T. -0.05 min

Lab File: VD060732.D

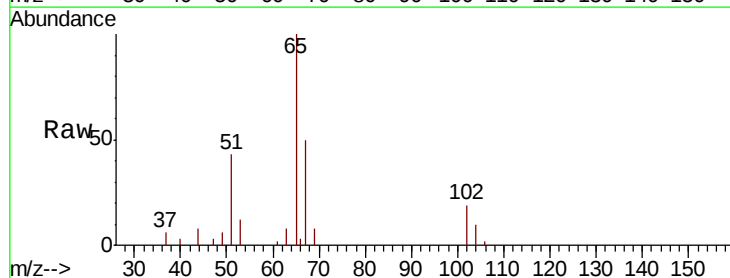
Acq: 27 Dec 2018 17:54

Tgt Ion: 65 Resp: 39931

Ion Ratio Lower Upper

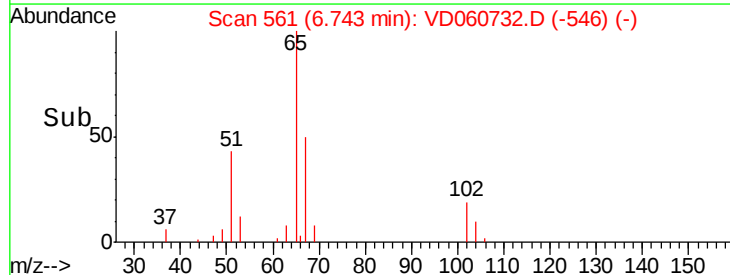
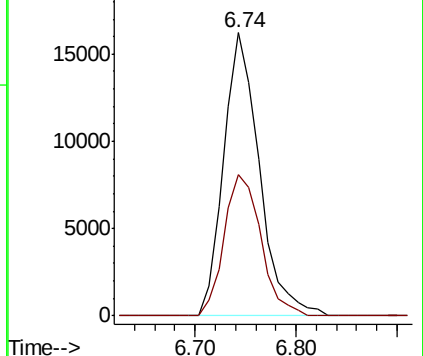
65 100

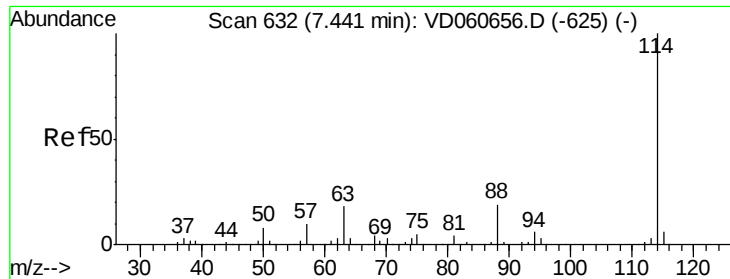
67 49.9 0.0 105.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

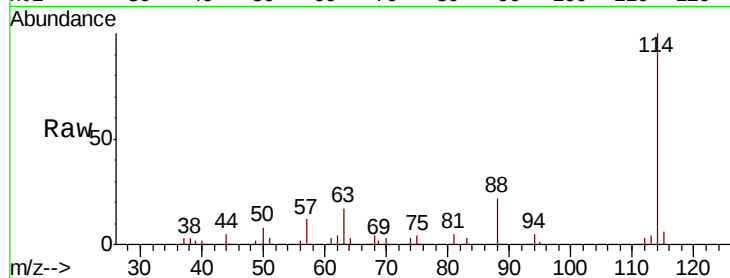




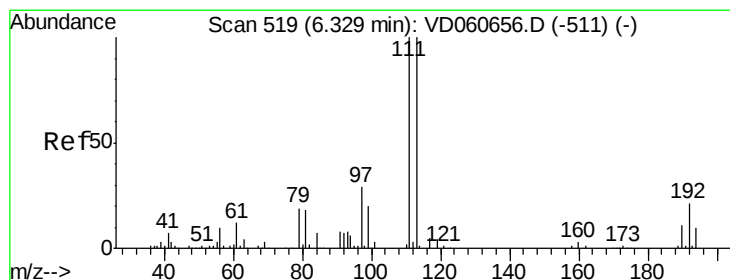
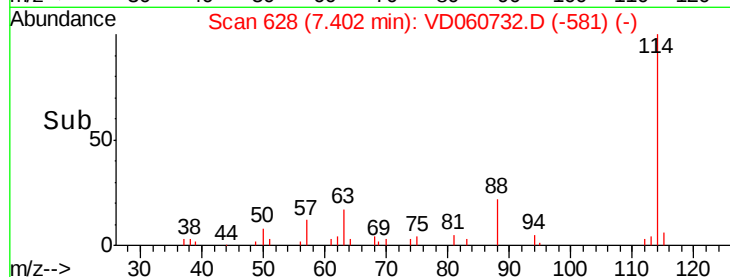
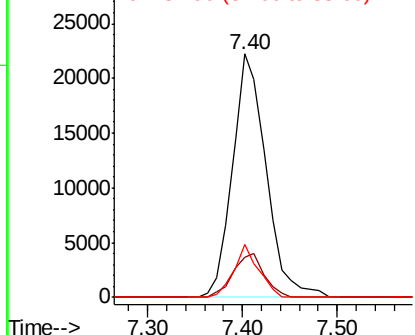
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.40 min Scan# 628
 Delta R.T. -0.04 min
 Lab File: VD060732.D
 Acq: 27 Dec 2018 17:54

Instrument :
 MSVOA_D
 ClientSampleId :
 P001-SS023-0612-01RE

Tot Ion:114 Resp: 54467
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 36.2
 88 21.7 0.0 37.0

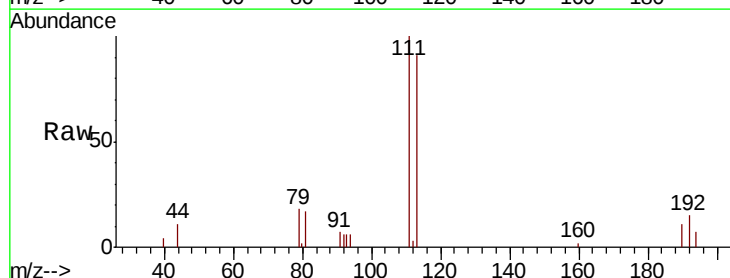


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

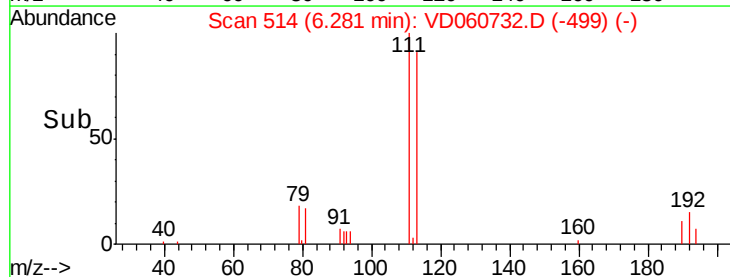
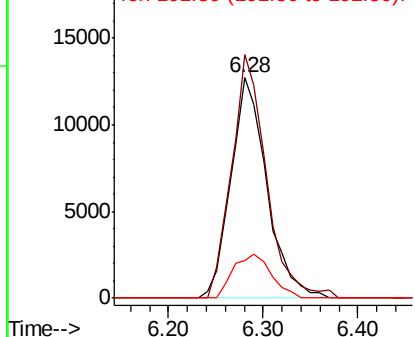


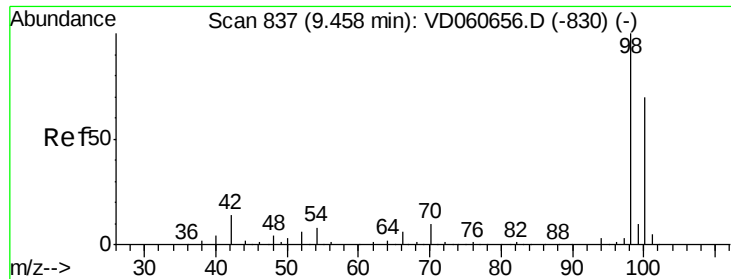
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.28 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: VD060732.D
 Acq: 27 Dec 2018 17:54

Tgt Ion:113 Resp: 33475
 Ion Ratio Lower Upper
 113 100
 111 110.5 80.0 120.0
 192 17.0 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: VD060732.D

Acq: 27 Dec 2018 17:54

Instrument :

MSVOA_D

ClientSampleId :

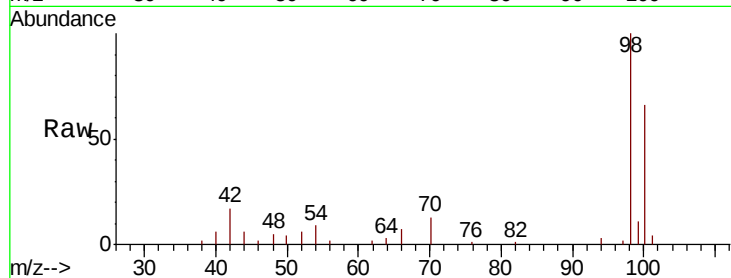
P001-SS023-0612-01RE

Tot Ion: 98 Resp: 56079

Ion Ratio Lower Upper

98 100

100 65.8 55.8 83.8



Abundance Ion 98.05 (97.75 to 98.75): VD060656.D (-830) (-)

Ion 100.05 (99.75 to 100.75): VD060656.D (-830) (-)

9.42

30000

25000

20000

15000

10000

5000

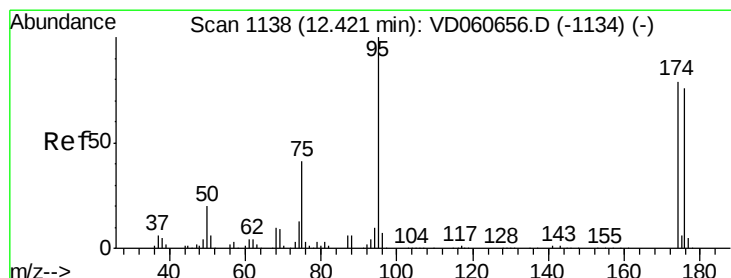
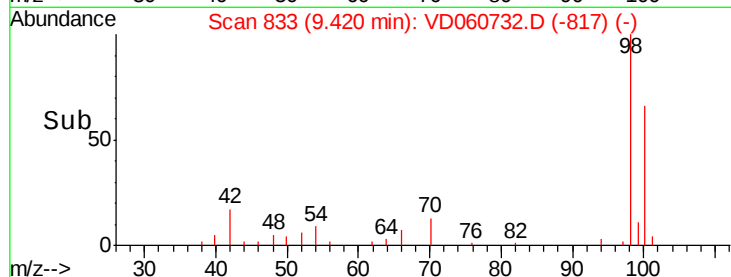
0

Time-->

9.30

9.40

9.50



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 1136

Delta R.T. -0.02 min

Lab File: VD060732.D

Acq: 27 Dec 2018 17:54

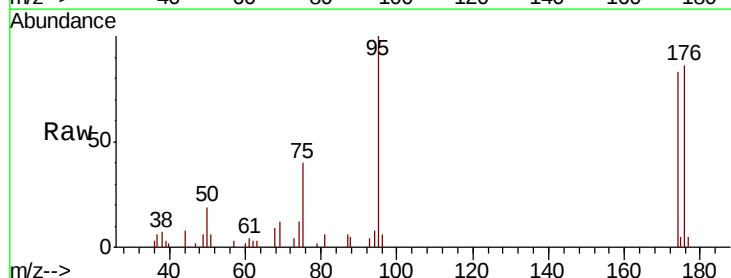
Tgt Ion: 95 Resp: 19058

Ion Ratio Lower Upper

95 100

174 82.7 0.0 158.2

176 86.0 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): VD060656.D (-1134) (-)

Ion 173.90 (173.60 to 174.60): VD060656.D (-1134) (-)

Ion 175.90 (175.60 to 176.60): VD060656.D (-1134) (-)

20000

15000

10000

5000

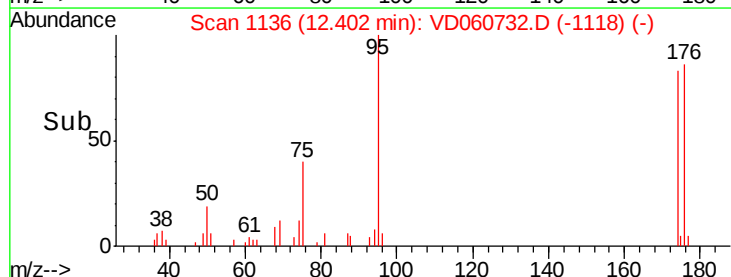
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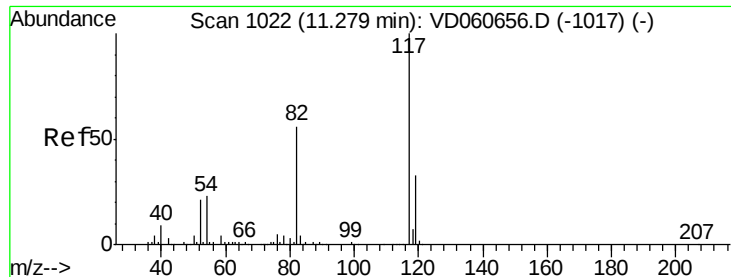
Time-->

12.35

12.40

12.45

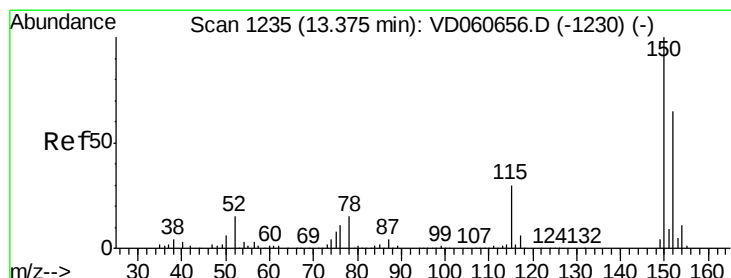
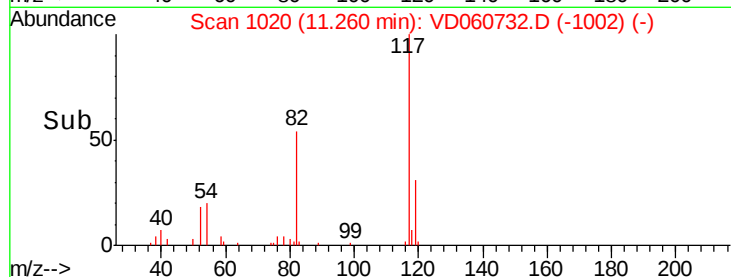
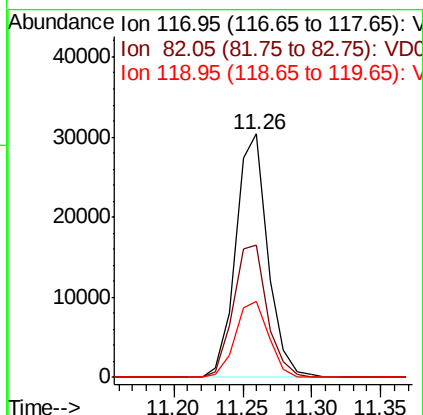
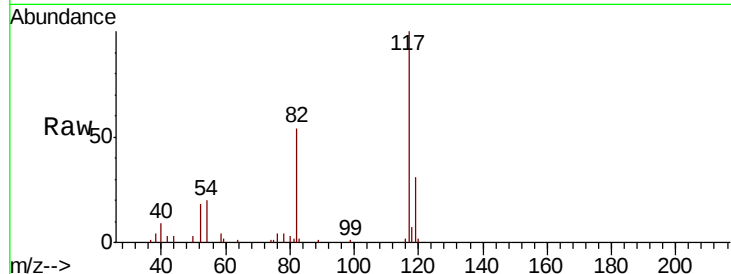




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.26 min Scan# 1020
Delta R.T. -0.02 min
Lab File: VD060732.D
Acq: 27 Dec 2018 17:54

Instrument :
MSVOA_D
ClientSampleId :
P001-SS023-0612-01RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.5	66.7
119	31.2	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1233
Delta R.T. -0.02 min
Lab File: VD060732.D
Acq: 27 Dec 2018 17:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	48.1	24.1	72.3
150	156.7	0.0	315.0

