

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122718\
 Data File : VD060738.D
 Acq On : 27 Dec 2018 20:42
 Operator : VA/AP
 Sample : J6447-07RE
 Misc : 3.56g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P001-SS025-0612-01RE

Quant Time: Dec 28 03:04:07 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

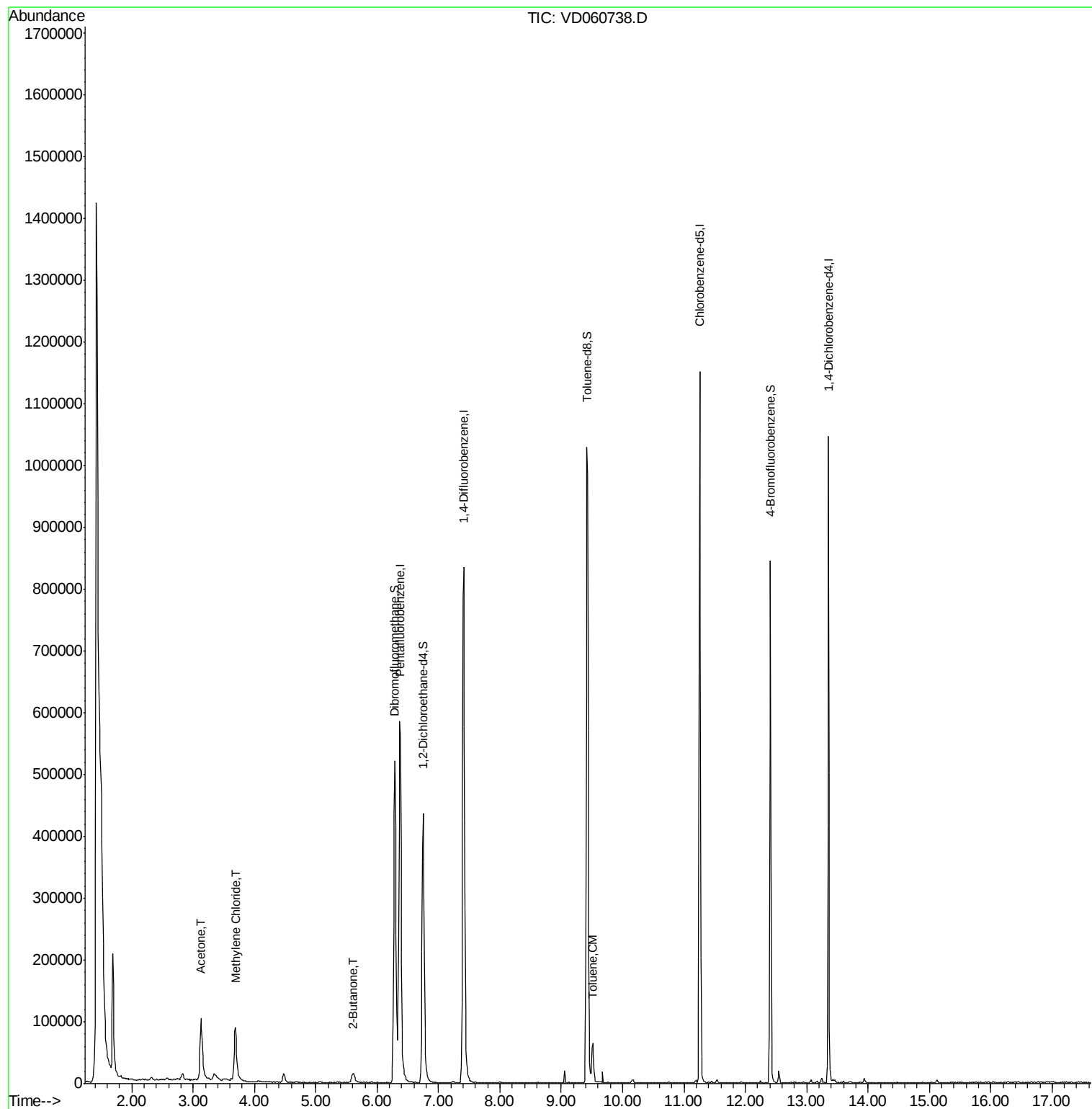
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	582531	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.41	114	866902	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.26	117	594340	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.35	152	216034	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.75	65	343212	85.26	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	170.52%	
35) Dibromofluoromethane	6.29	113	401043	63.21	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	126.42%	
50) Toluene-d8	9.42	98	830230	43.85	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	87.70%	
62) 4-Bromofluorobenzene	12.41	95	216254	32.62	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	65.24%	
Target Compounds						
16) Acetone	3.13	43	202063	287.416	ug/l	94
20) Methylene Chloride	3.69	84	58658	8.034	ug/l	96
25) 2-Butanone	5.59	43	12851	9.552	ug/l	97
52) Toluene	9.51	92	31846	2.203	ug/l	99

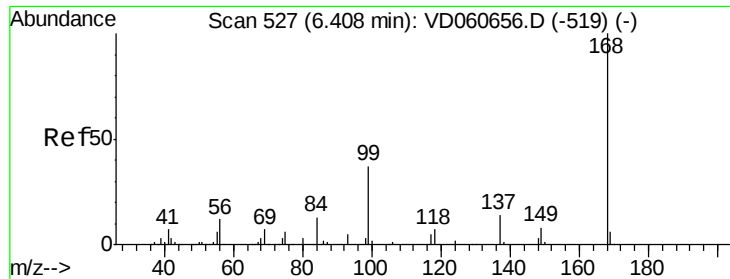
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122718\
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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# 522

Delta R.T. -0.04 min

Lab File: VD060738.D

Acq: 27 Dec 2018 20:42

Instrument :

MSVOA_D

ClientSampleId :

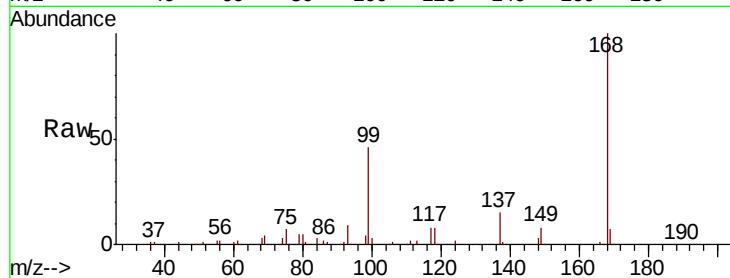
P001-SS025-0612-01RE

Tot Ion:168 Resp: 582531

Ion Ratio Lower Upper

168 100

99 46.4 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

250000

200000

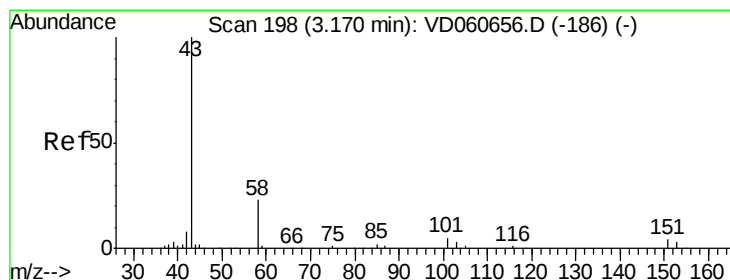
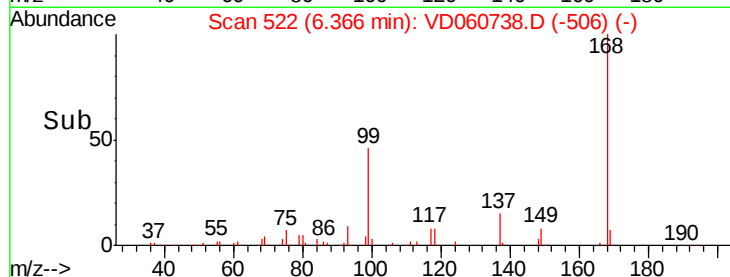
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 287.416 ug/l

RT: 3.13 min Scan# 193

Delta R.T. -0.04 min

Lab File: VD060738.D

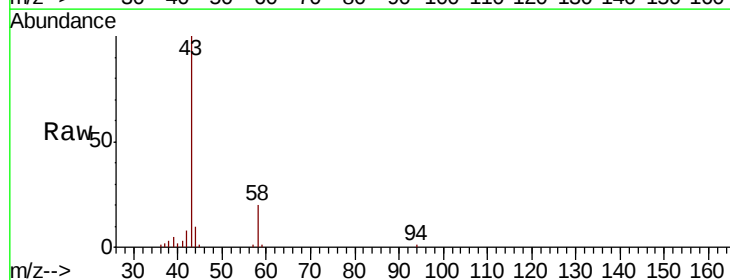
Acq: 27 Dec 2018 20:42

Tgt Ion: 43 Resp: 202063

Ion Ratio Lower Upper

43 100

58 19.6 18.2 27.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.13

80000

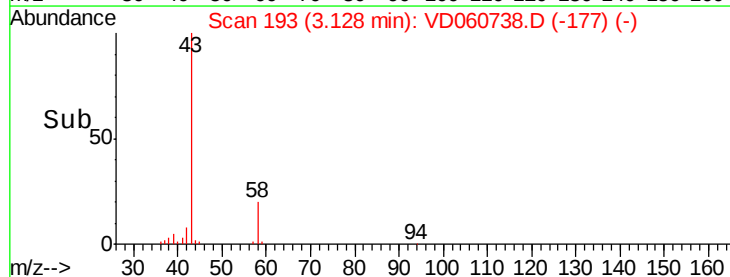
60000

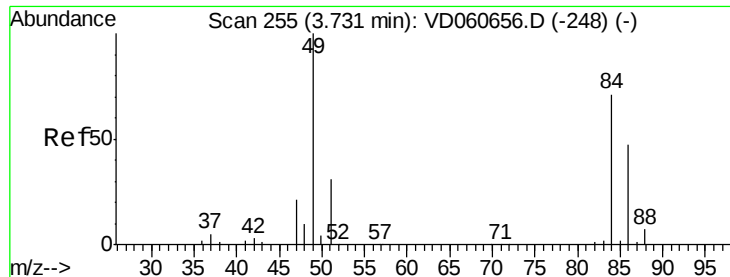
40000

20000

0

Time-->

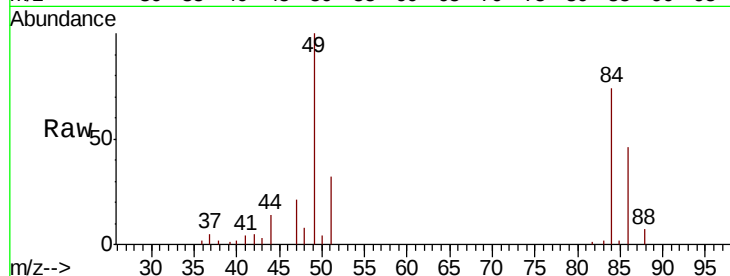




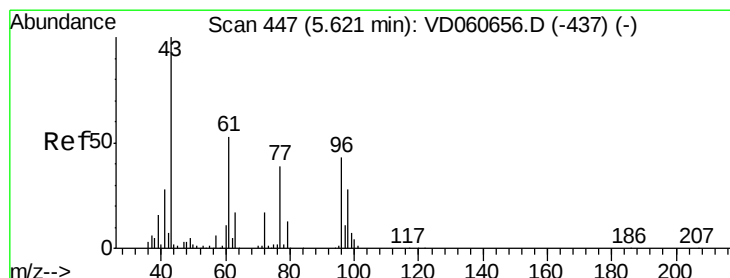
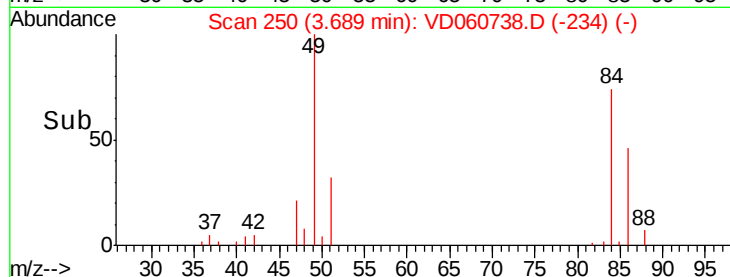
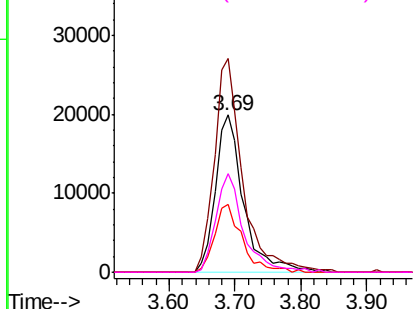
#20
Methvlene Chloride
Concen: 8.034 ug/l
RT: 3.69 min Scan# 250
Delta R.T. -0.04 min
Lab File: VD060738.D
Acq: 27 Dec 2018 20:42

Instrument :
MSVOA_D
ClientSampleId :
P001-SS025-0612-01RE

Tot Ion: 84 Resp: 58658
Ion Ratio Lower Upper
84 100
49 135.8 113.6 170.4
51 42.9 34.7 52.1
86 62.7 52.8 79.2

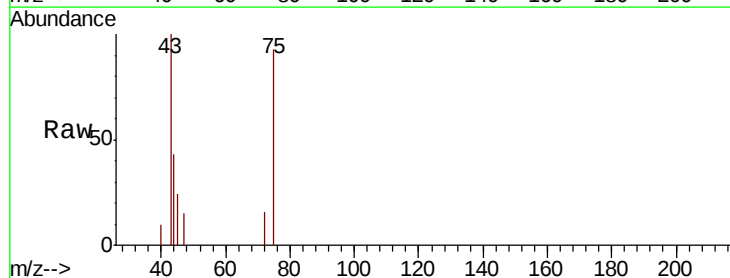


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

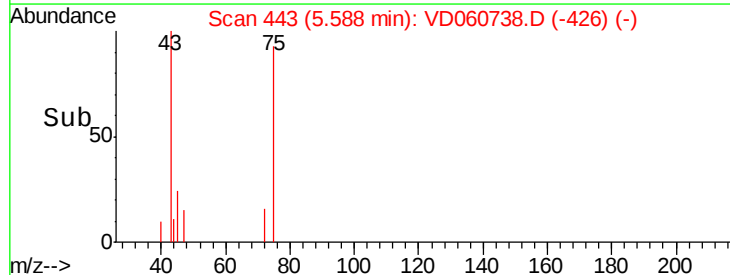
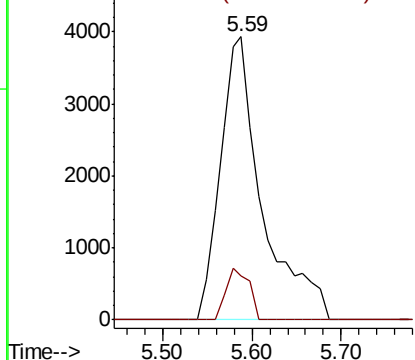


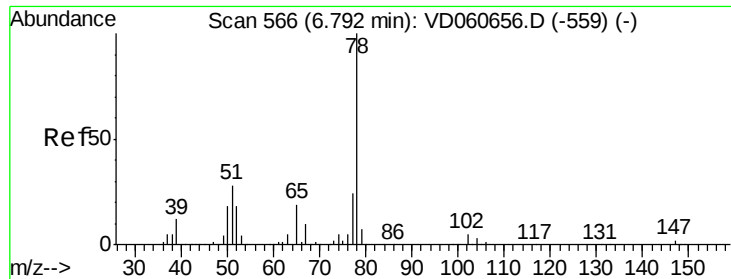
#25
2-Butanone
Concen: 9.552 ug/l
RT: 5.59 min Scan# 443
Delta R.T. -0.03 min
Lab File: VD060738.D
Acq: 27 Dec 2018 20:42

Tgt Ion: 43 Resp: 12851
Ion Ratio Lower Upper
43 100
72 15.7 13.7 20.5



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.75 min Scan# 561

Delta R.T. -0.04 min

Lab File: VD060738.D

Acq: 27 Dec 2018 20:42

Instrument :

MSVOA_D

ClientSampleId :

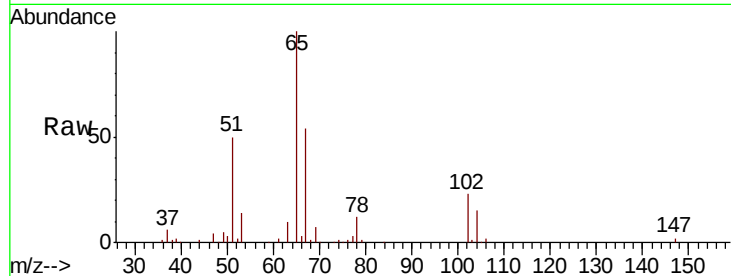
P001-SS025-0612-01RE

Tot Ion: 65 Resp: 343212

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.75

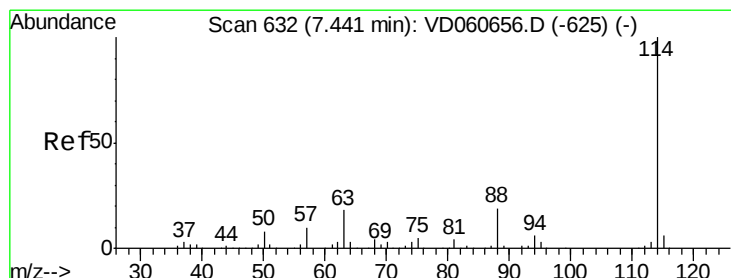
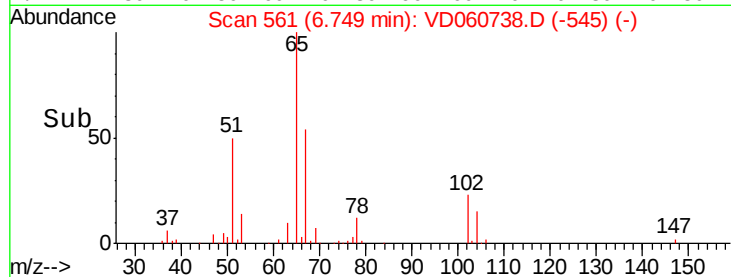
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.41 min Scan# 628

Delta R.T. -0.03 min

Lab File: VD060738.D

Acq: 27 Dec 2018 20:42

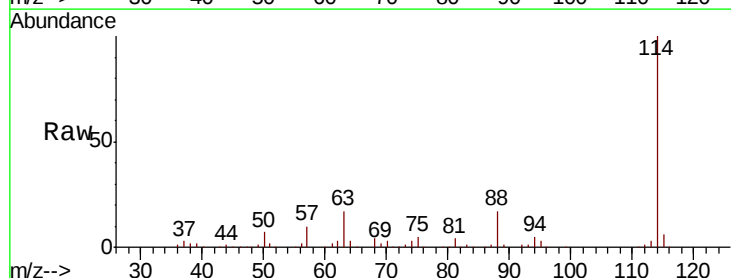
Tgt Ion: 114 Resp: 866902

Ion Ratio Lower Upper

114 100

63 17.0 0.0 36.2

88 17.3 0.0 37.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

500000

400000

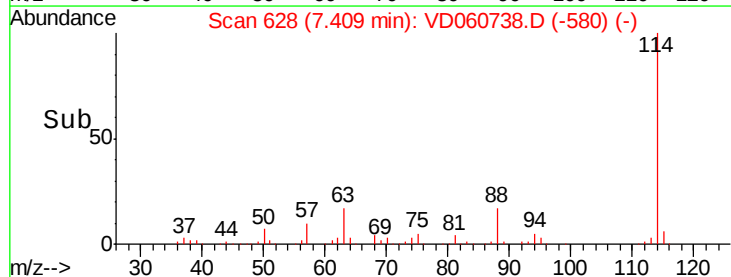
300000

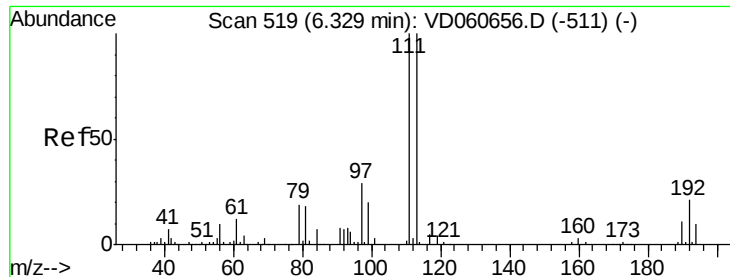
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.29 min Scan# 514

Delta R.T. -0.04 min

Lab File: VD060738.D

Acq: 27 Dec 2018 20:42

Instrument :

MSVOA_D

ClientSampleId :

P001-SS025-0612-01RE

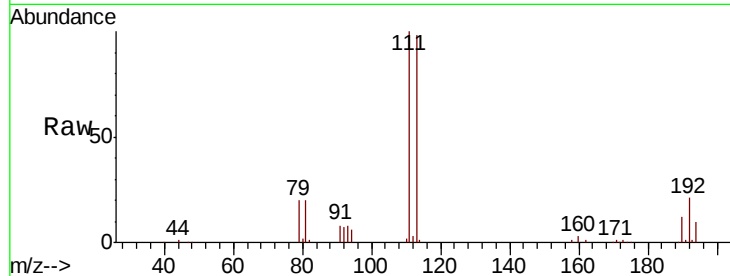
Tot Ion:113 Resp: 401043

Ion Ratio Lower Upper

113 100

111 101.7 80.0 120.0

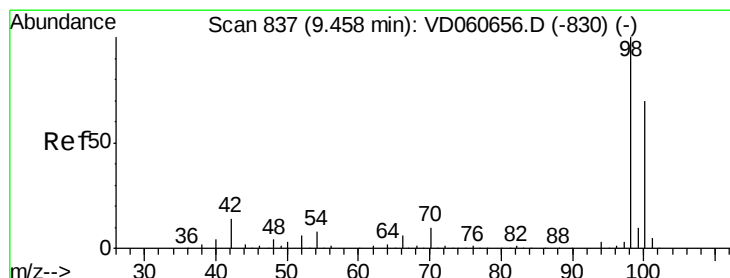
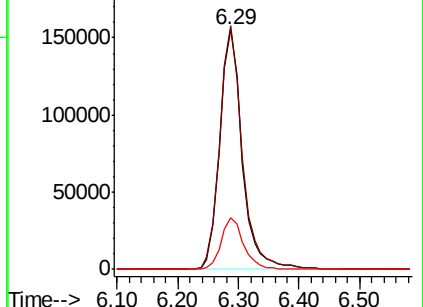
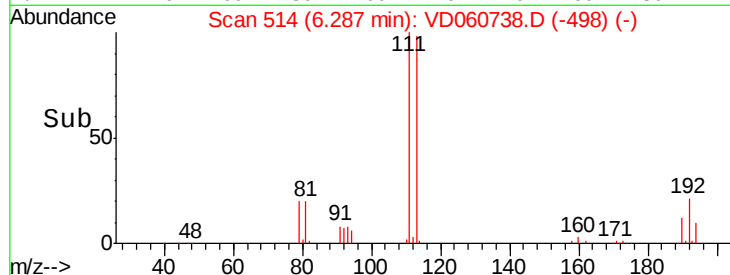
192 21.4 16.6 25.0



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# 832

Delta R.T. -0.04 min

Lab File: VD060738.D

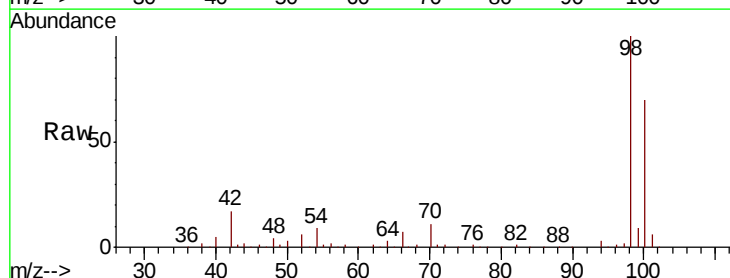
Acq: 27 Dec 2018 20:42

Tgt Ion: 98 Resp: 830230

Ion Ratio Lower Upper

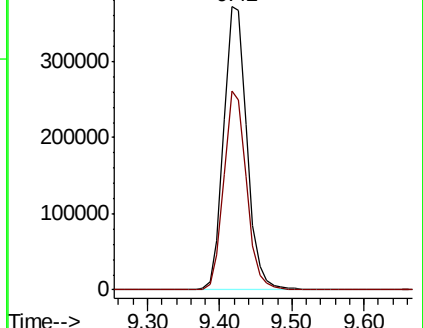
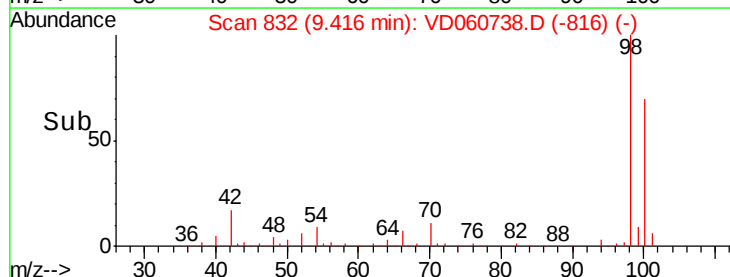
98 100

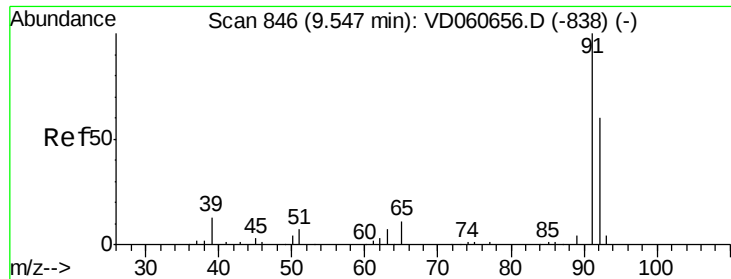
100 70.0 55.8 83.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 2.203 ug/l

RT: 9.51 min Scan# 842

Delta R.T. -0.03 min

Lab File: VD060738.D

Acq: 27 Dec 2018 20:42

Instrument :

MSVOA_D

ClientSampleId :

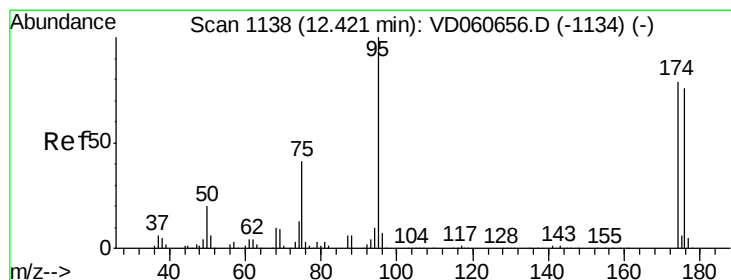
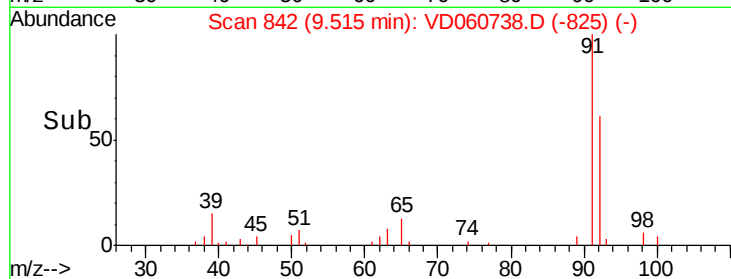
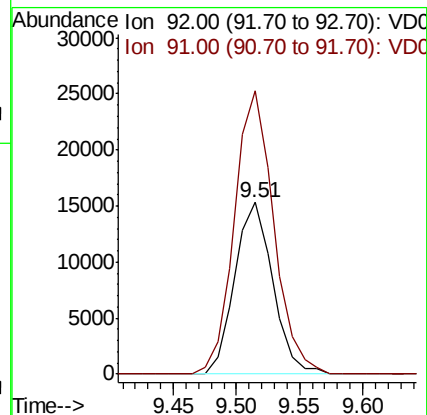
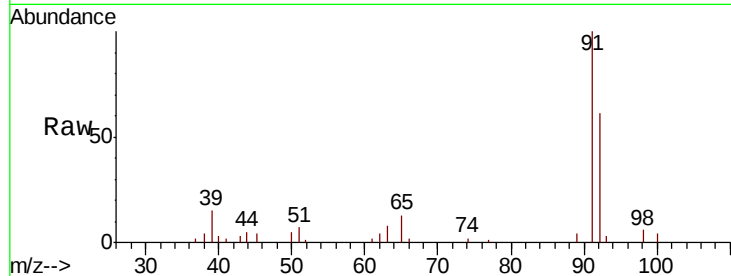
P001-SS025-0612-01RE

Tot Ion: 92 Resp: 31846

Ion Ratio Lower Upper

92 100

91 165.1 132.6 199.0



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.41 min Scan# 1136

Delta R.T. -0.01 min

Lab File: VD060738.D

Acq: 27 Dec 2018 20:42

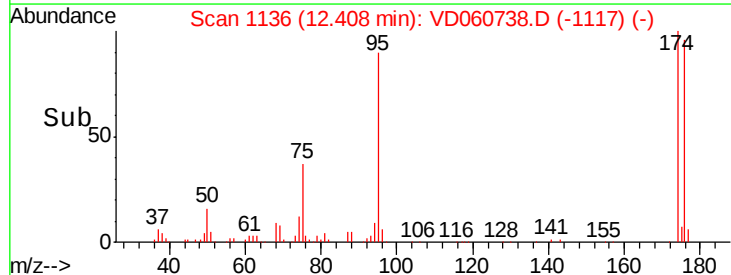
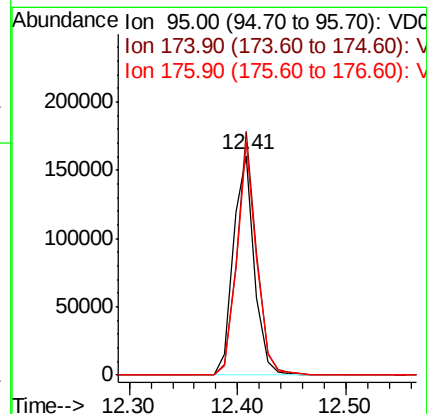
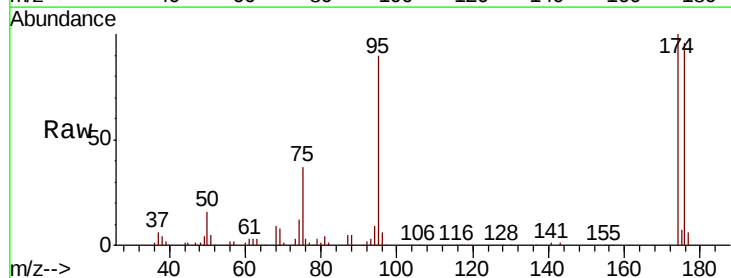
Tgt Ion: 95 Resp: 216254

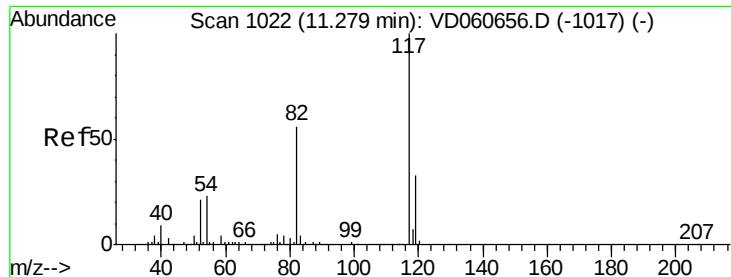
Ion Ratio Lower Upper

95 100

174 111.0 0.0 158.2

176 106.3 0.0 152.4

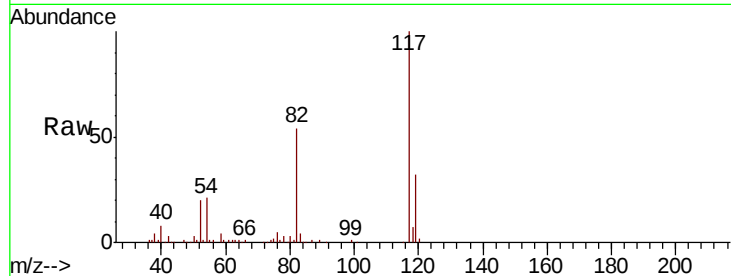




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.26 min Scan# 1019
Delta R.T. -0.02 min
Lab File: VD060738.D
Acq: 27 Dec 2018 20:42

Instrument :
MSVOA_D
ClientSampleId :
P001-SS025-0612-01RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	44.5	66.7
119	31.5	26.3	39.5

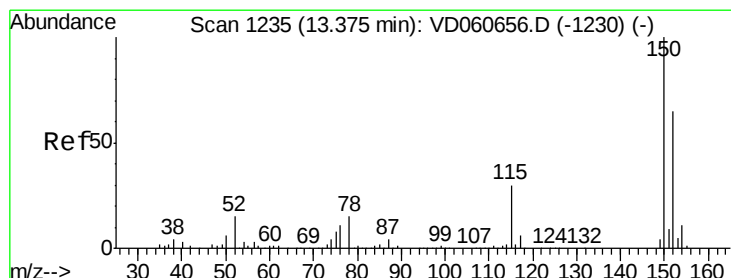
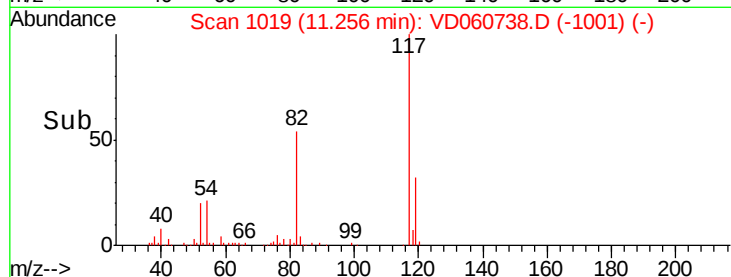
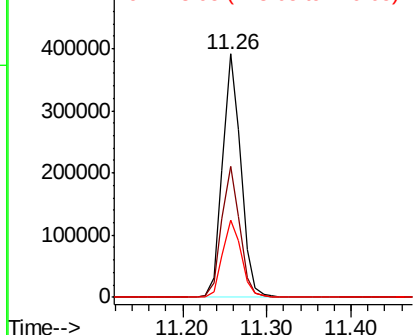


Abundance

Ion 116.95 (116.65 to 117.65): V

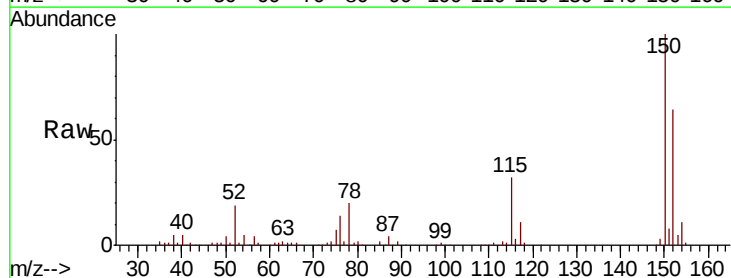
Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 1232
Delta R.T. -0.02 min
Lab File: VD060738.D
Acq: 27 Dec 2018 20:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	50.9	24.1	72.3
150	157.0	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

