

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122718\
 Data File : VD060730.D
 Acq On : 27 Dec 2018 16:59
 Operator : VA/AP
 Sample : J6446-16RE
 Misc : 3.90µl/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P001-SS022-1218-01RE

Quant Time: Dec 28 02:06:28 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

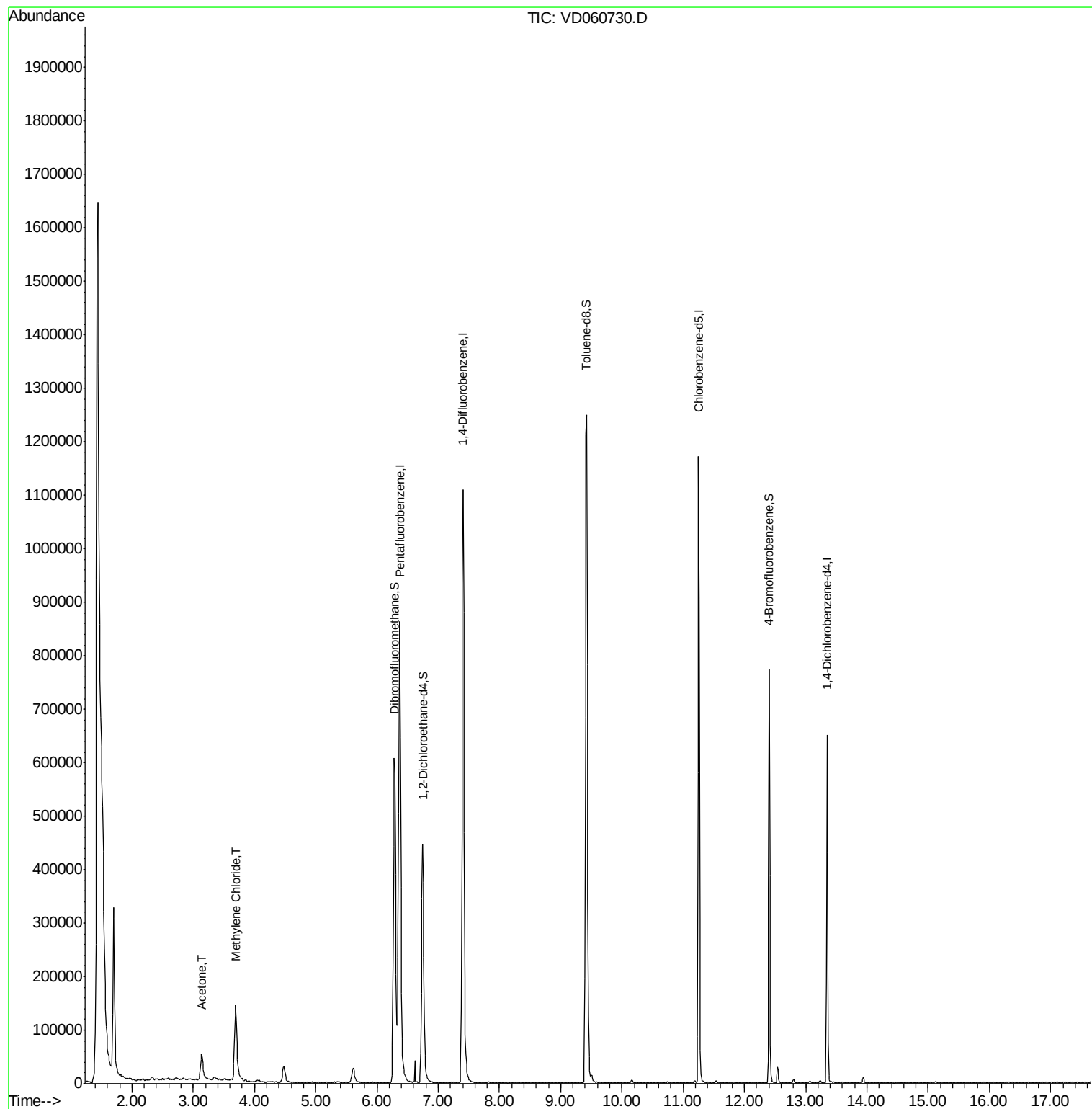
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	860160	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.41	114	1178639	50.00	ug/l	-0.04
63) Chlorobenzene-d5	11.25	117	630126	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.35	152	144650	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.75	65	365206	61.44	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	122.88%	
35) Dibromofluoromethane	6.28	113	493778	57.24	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	114.48%	
50) Toluene-d8	9.42	98	1036223	40.26	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	80.52%	
62) 4-Bromofluorobenzene	12.40	95	193781	21.50	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	43.00%	
Target Compounds						
16) Acetone	3.13	43	106698	102.783	ug/l	Qvalue 100
20) Methylene Chloride	3.70	84	92246	8.557	ug/l	97

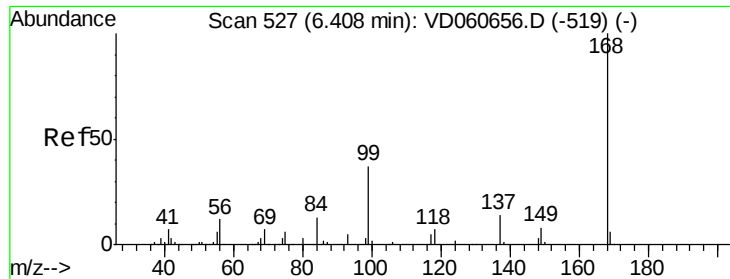
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.37 min Scan# 523

Delta R.T. -0.04 min

Lab File: VD060730.D

Acq: 27 Dec 2018 16:59

Instrument :

MSVOA_D

ClientSampleId :

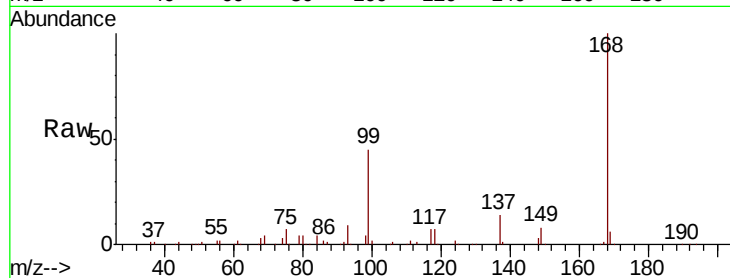
P001-SS022-1218-01RE

Tot Ion:168 Resp: 860160

Ion Ratio Lower Upper

168 100

99 45.1 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

300000

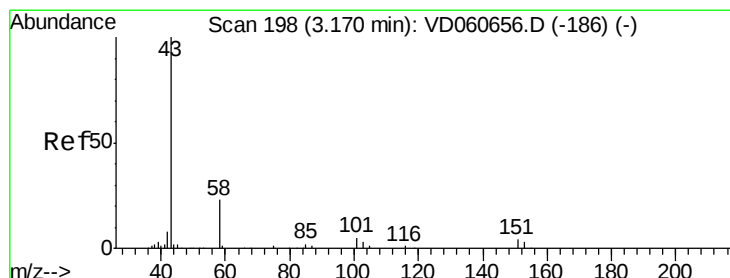
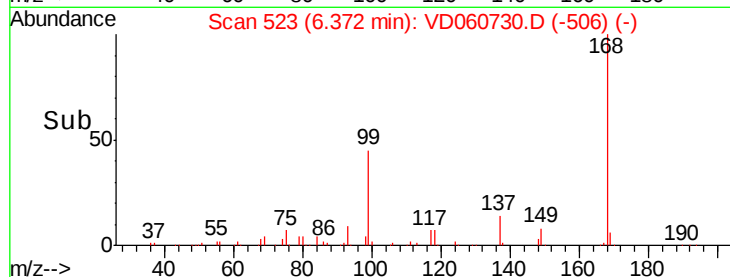
200000

100000

0

Time-->

6.20 6.40 6.60



#16

Acetone

Concen: 102.783 ug/l

RT: 3.13 min Scan# 194

Delta R.T. -0.04 min

Lab File: VD060730.D

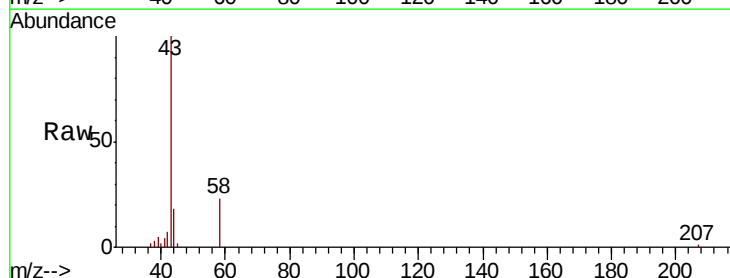
Acq: 27 Dec 2018 16:59

Tgt Ion: 43 Resp: 106698

Ion Ratio Lower Upper

43 100

58 22.9 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

30000

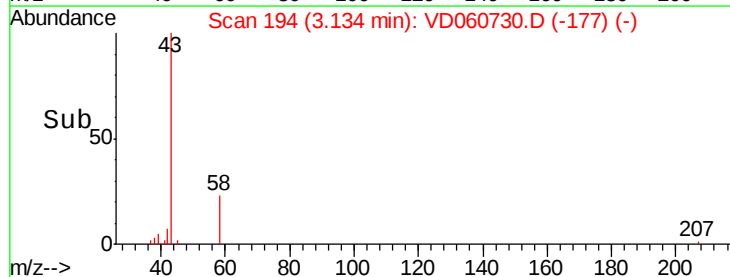
20000

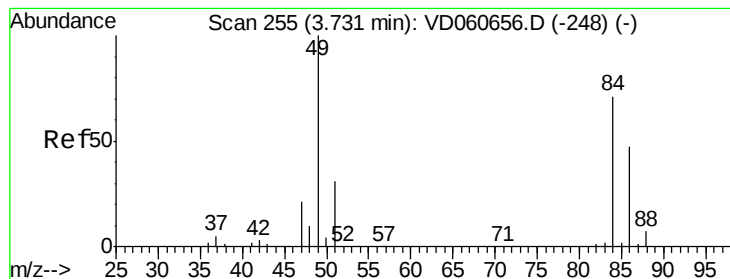
10000

0

Time-->

3.00 3.10 3.20 3.30 3.40





#20

Methylene Chloride

Concen: 8.557 ug/l

RT: 3.70 min Scan# 251

Delta R.T. -0.04 min

Lab File: VD060730.D

Acq: 27 Dec 2018 16:59

Instrument :

MSVOA_D

ClientSampleId :

P001-SS022-1218-01RE

Tot Ion: 84 Resp: 92246

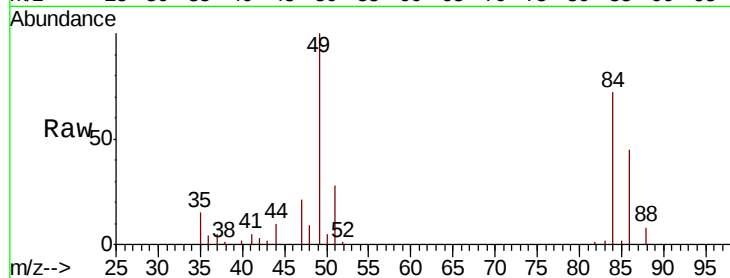
Ion Ratio Lower Upper

84 100

49 139.4 113.6 170.4

51 39.4 34.7 52.1

86 63.3 52.8 79.2

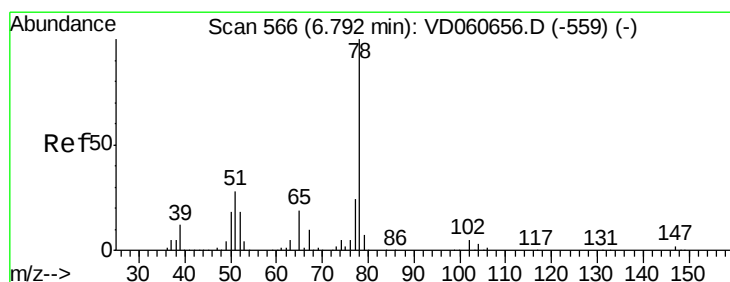
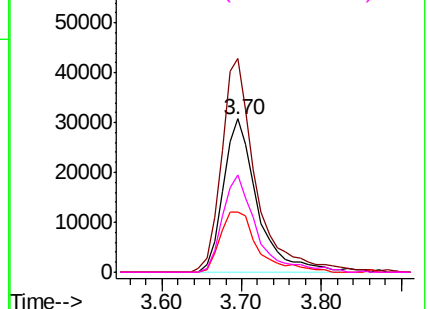
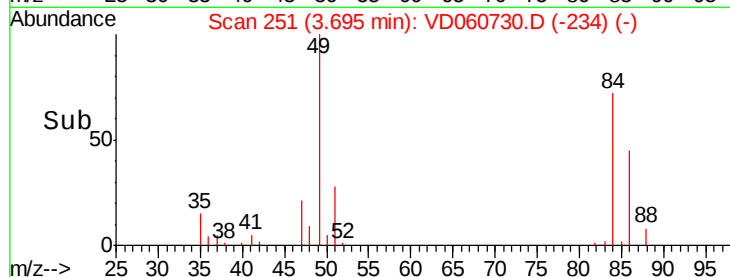


Abundance Ion 83.95 (83.65 to 84.65): VDC

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



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.75 min Scan# 561

Delta R.T. -0.05 min

Lab File: VD060730.D

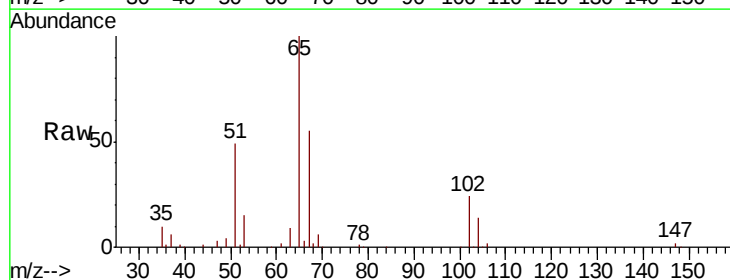
Acq: 27 Dec 2018 16:59

Tgt Ion: 65 Resp: 365206

Ion Ratio Lower Upper

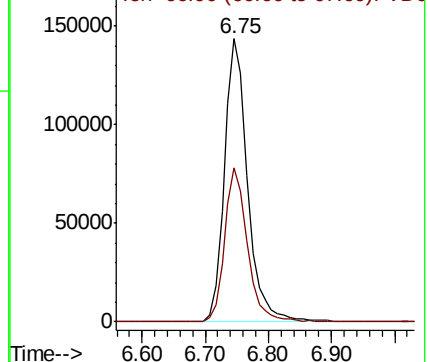
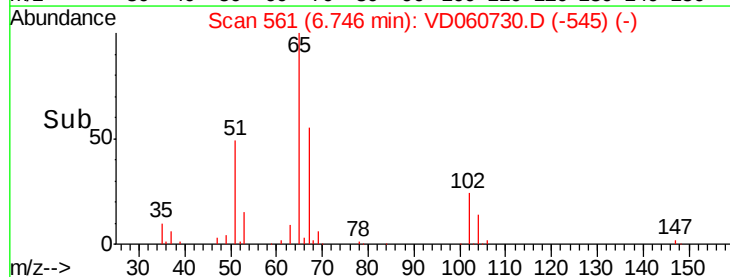
65 100

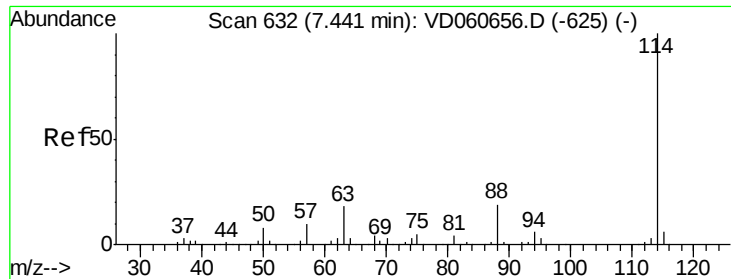
67 54.5 0.0 105.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

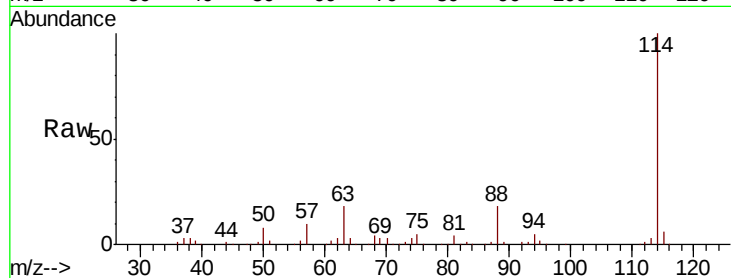




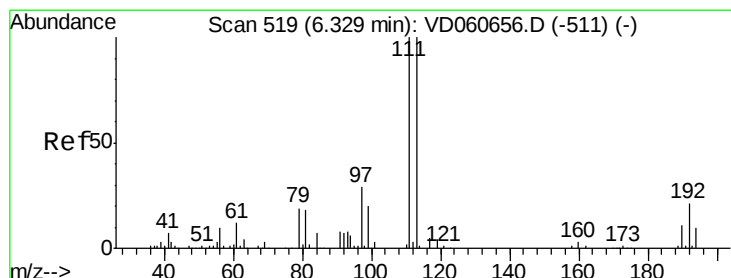
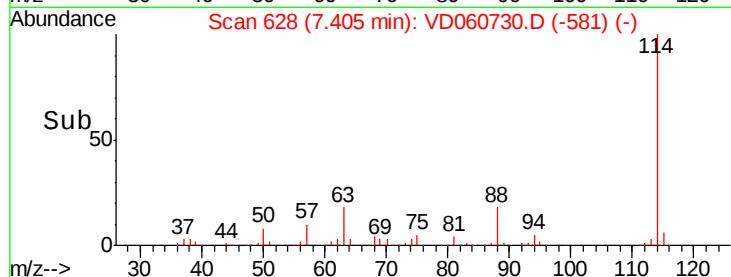
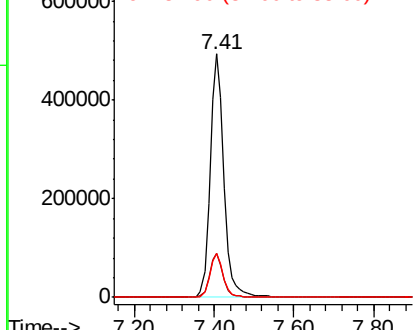
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.41 min Scan# 628
 Delta R.T. -0.04 min
 Lab File: VD060730.D
 Acq: 27 Dec 2018 16:59

Instrument :
 MSVOA_D
 ClientSampleId :
 P001-SS022-1218-01RE

Tot Ion:114 Resp: 1178639
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.2
 88 17.8 0.0 37.0

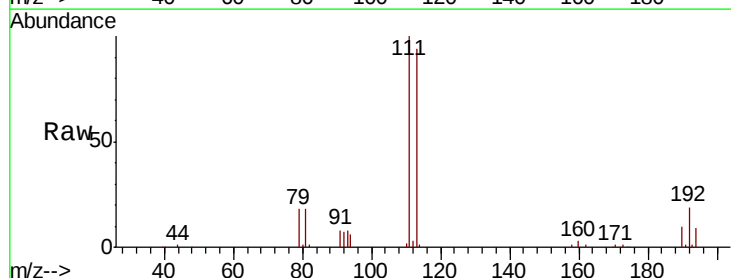


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

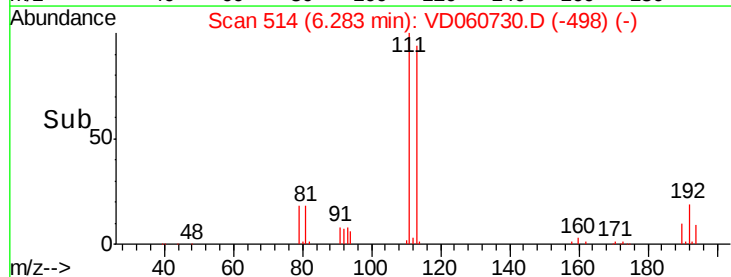
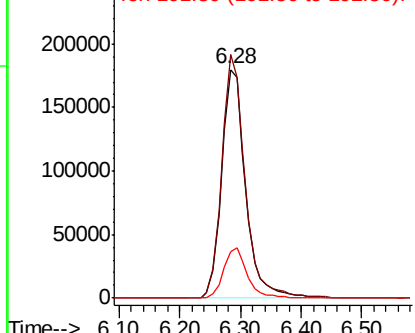


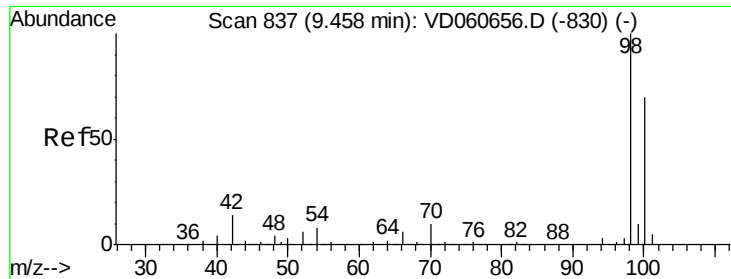
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.28 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: VD060730.D
 Acq: 27 Dec 2018 16:59

Tgt Ion:113 Resp: 493778
 Ion Ratio Lower Upper
 113 100
 111 106.4 80.0 120.0
 192 20.4 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# 833

Delta R.T. -0.04 min

Lab File: VD060730.D

Acq: 27 Dec 2018 16:59

Instrument :

MSVOA_D

ClientSampleId :

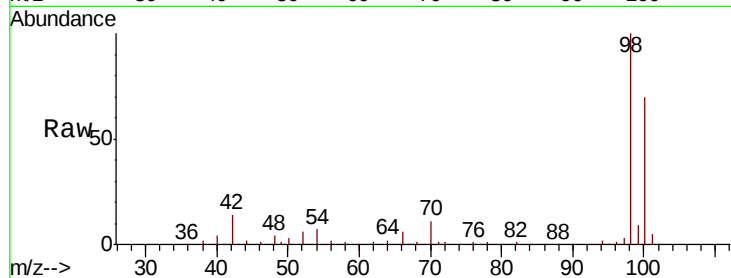
P001-SS022-1218-01RE

Tot Ion: 98 Resp: 1036223

Ion Ratio Lower Upper

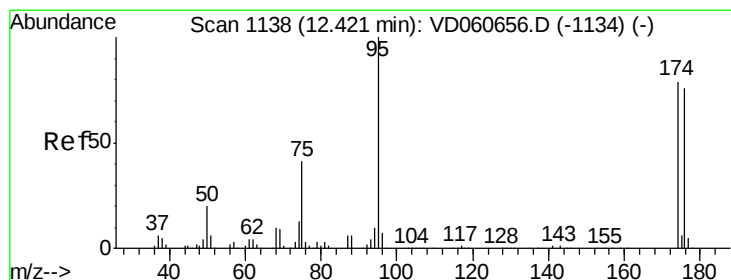
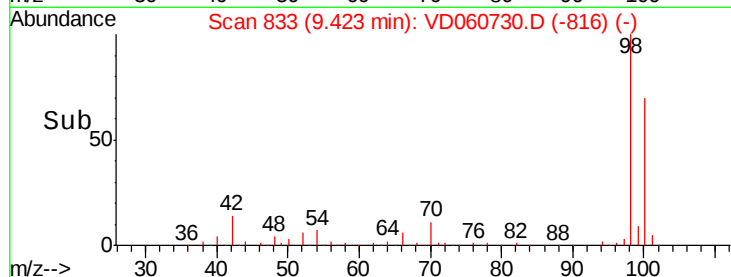
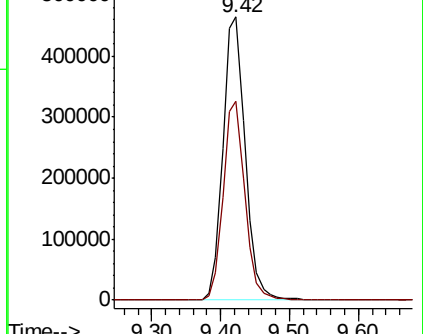
98 100

100 70.5 55.8 83.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 1136

Delta R.T. -0.02 min

Lab File: VD060730.D

Acq: 27 Dec 2018 16:59

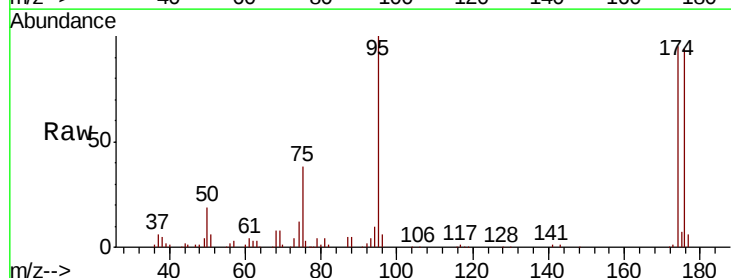
Tgt Ion: 95 Resp: 193781

Ion Ratio Lower Upper

95 100

174 95.2 0.0 158.2

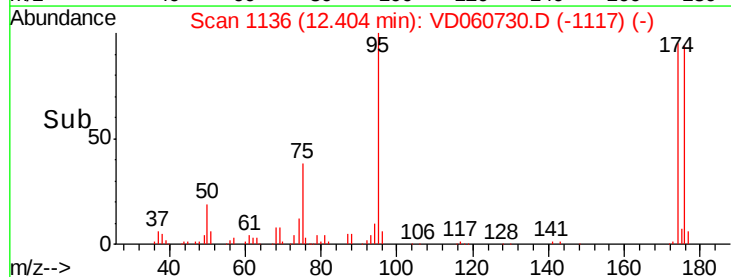
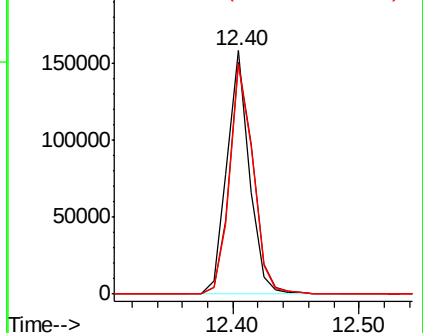
176 94.2 0.0 152.4

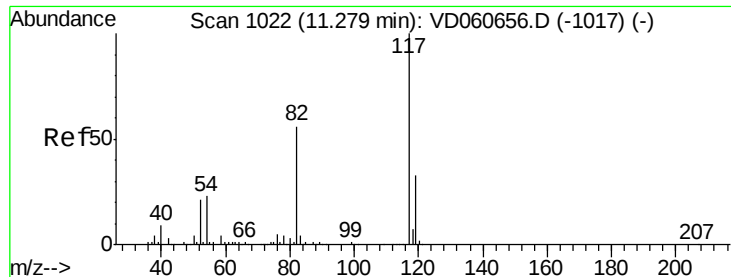


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

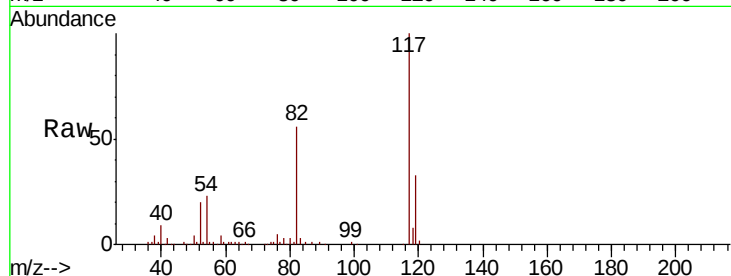




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.25 min Scan# 1019
Delta R.T. -0.03 min
Lab File: VD060730.D
Acq: 27 Dec 2018 16:59

Instrument :
MSVOA_D
ClientSampleId :
P001-SS022-1218-01RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.5	66.7
119	33.0	26.3	39.5

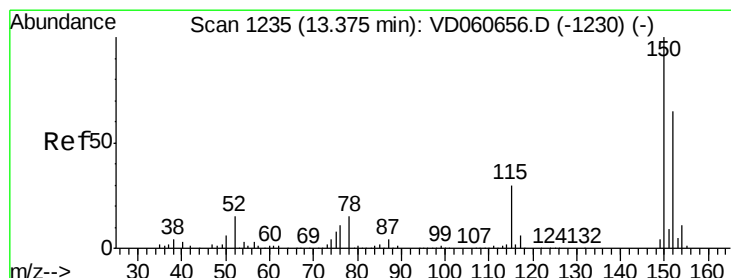
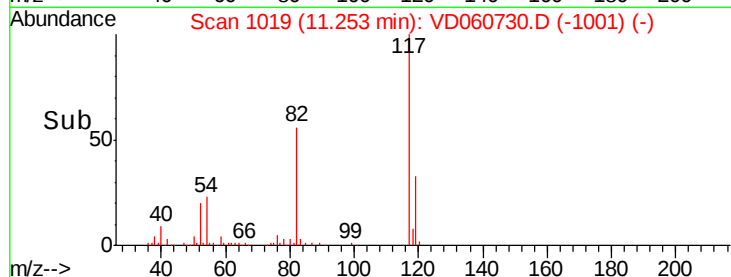
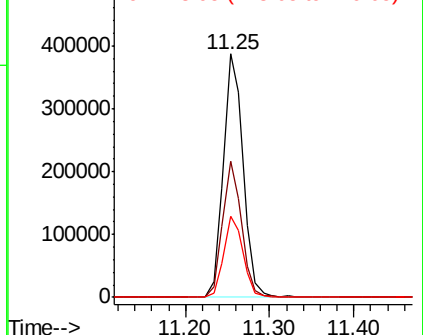


Abundance

Ion 116.95 (116.65 to 117.65): V

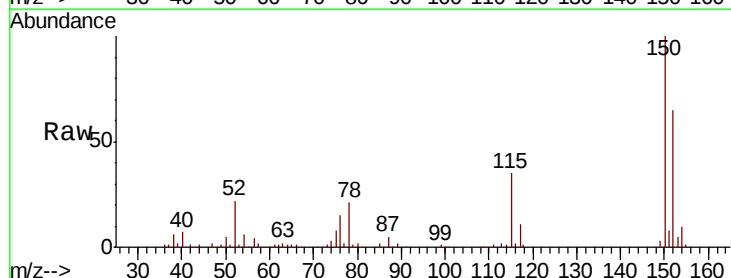
Ion 82.05 (81.75 to 82.75): V

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. -0.03 min
Lab File: VD060730.D
Acq: 27 Dec 2018 16:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	24.1	72.3
150	154.8	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

