

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122718\
 Data File : VD060734.D
 Acq On : 27 Dec 2018 18:50
 Operator : VA/AP
 Sample : J6447-02RE
 Misc : 3.27g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P001-SS024-0006-01RE

Quant Time: Dec 28 02:57:46 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

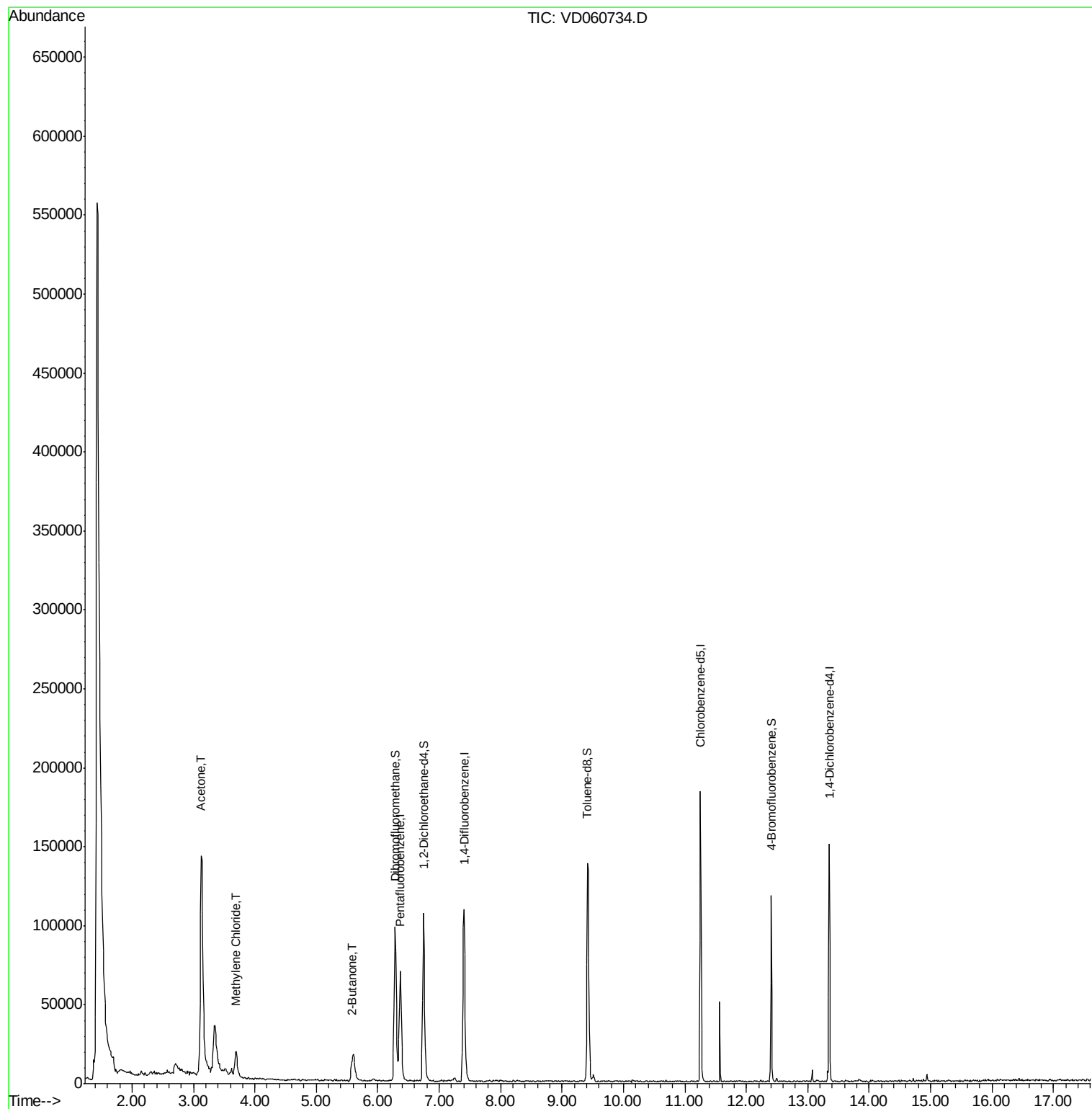
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.36	168	71348	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.41	114	112666	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.25	117	92135	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.35	152	31462	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.75	65	89916	182.36	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	364.72%	
35) Dibromofluoromethane	6.28	113	77106	93.50	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	187.00%	
50) Toluene-d8	9.41	98	111526	45.33	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	90.66%	
62) 4-Bromofluorobenzene	12.41	95	30177	35.02	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	70.04%	
Target Compounds						
16) Acetone	3.13	43	296190	3439.791	ug/l	96
20) Methylene Chloride	3.69	84	10715	11.982	ug/l	89
25) 2-Butanone	5.58	43	19603	118.970	ug/l	93

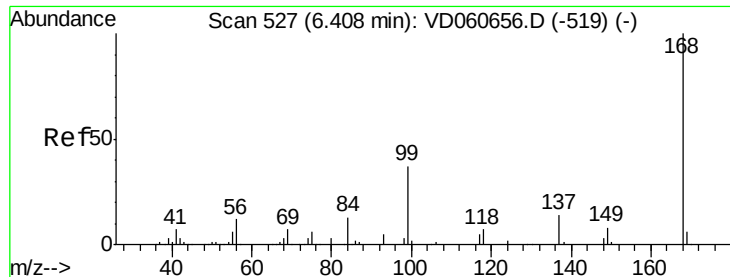
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: 6.36 min Scan# 522

Delta R.T. -0.04 min

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Instrument :

MSVOA_D

ClientSampleId :

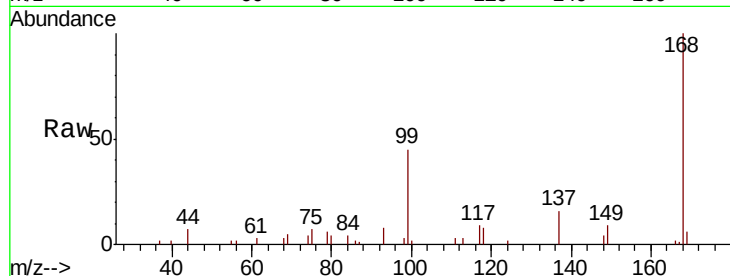
P001-SS024-0006-01RE

Tot Ion:168 Resp: 71348

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

6.36

25000

20000

15000

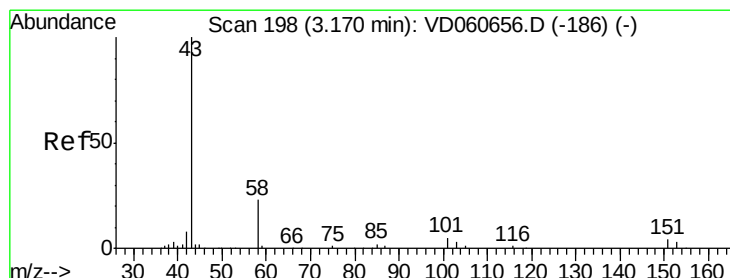
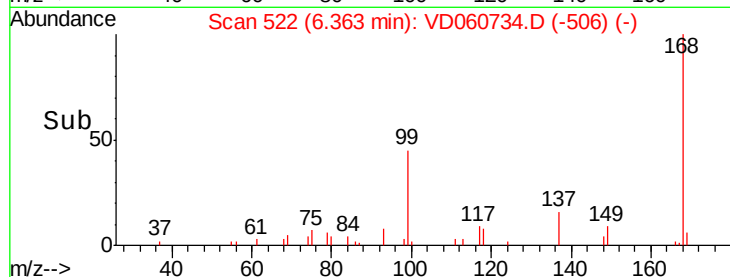
10000

5000

0

6.30 6.40 6.50

Time-->



#16

Acetone

Concen: 3439.791 ug/l

RT: 3.13 min Scan# 193

Delta R.T. -0.04 min

Lab File: VD060734.D

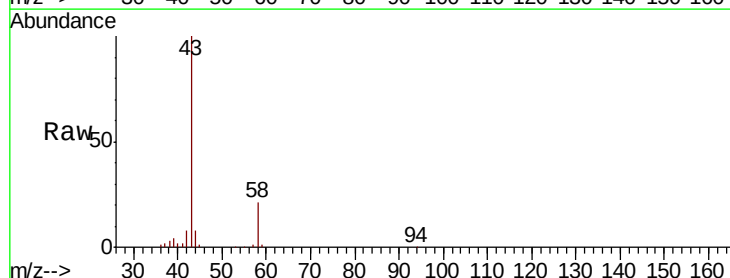
Acq: 27 Dec 2018 18:50

Tgt Ion: 43 Resp: 296190

Ion Ratio Lower Upper

43 100

58 20.7 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

100000

80000

60000

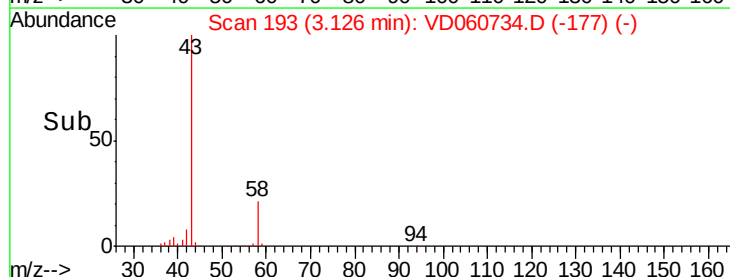
40000

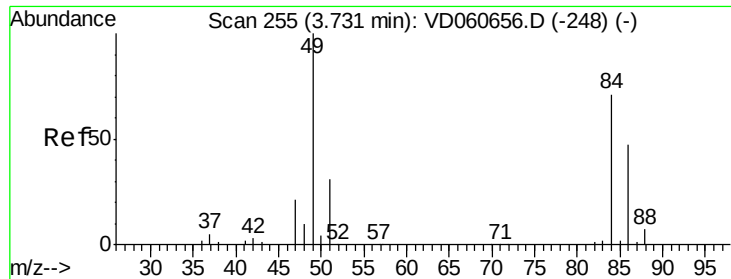
20000

0

3.00 3.10 3.20 3.30

Time-->

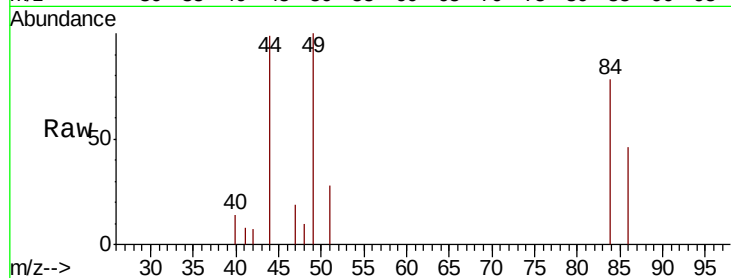




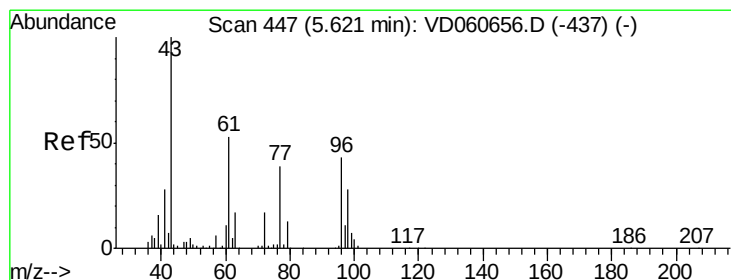
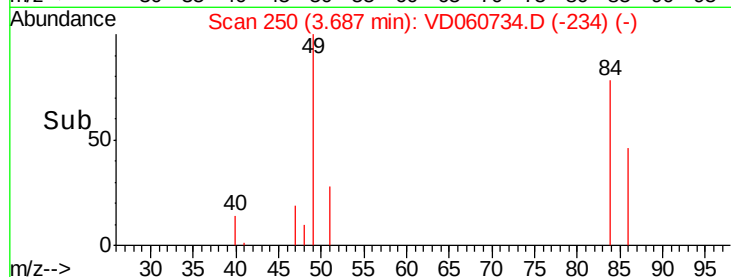
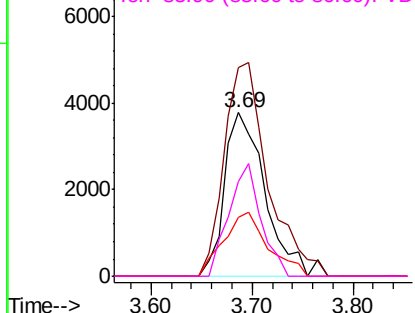
#20
Methvlene Chloride
Concen: 11.982 ug/l
RT: 3.69 min Scan# 250
Delta R.T. -0.04 min
Lab File: VD060734.D
Acq: 27 Dec 2018 18:50

Instrument :
MSVOA_D
ClientSampleId :
P001-SS024-0006-01RE

Tot Ion:	84	Resp:	10715
Ion	Ratio	Lower	Upper
84	100		
49	127.4	113.6	170.4
51	36.1	34.7	52.1
86	58.3	52.8	79.2

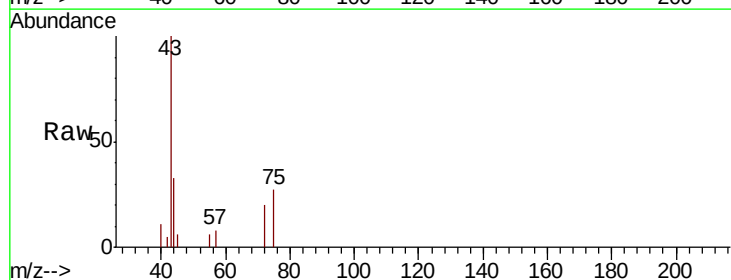


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

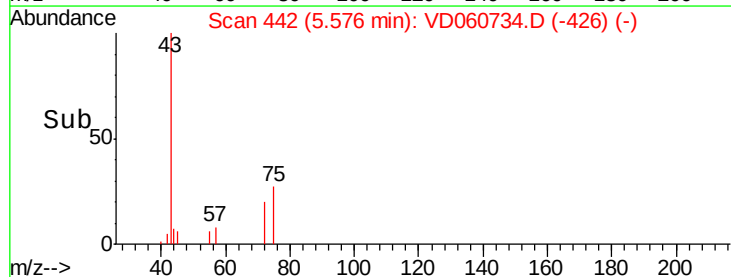
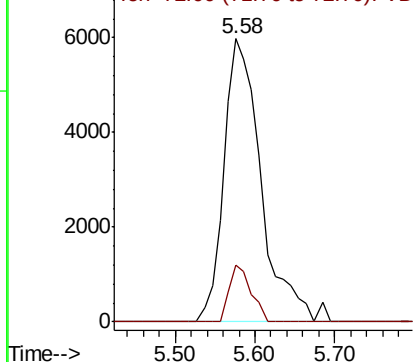


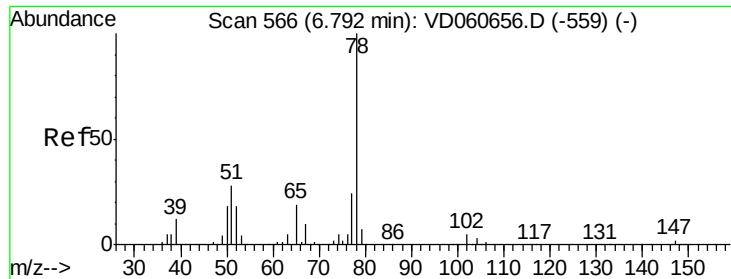
#25
2-Butanone
Concen: 118.970 ug/l
RT: 5.58 min Scan# 442
Delta R.T. -0.04 min
Lab File: VD060734.D
Acq: 27 Dec 2018 18:50

Tgt Ion:	43	Resp:	19603
Ion	Ratio	Lower	Upper
43	100		
72	20.0	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: VD060734.D

Acq: 27 Dec 2018 18:50

Instrument :

MSVOA_D

ClientSampleId :

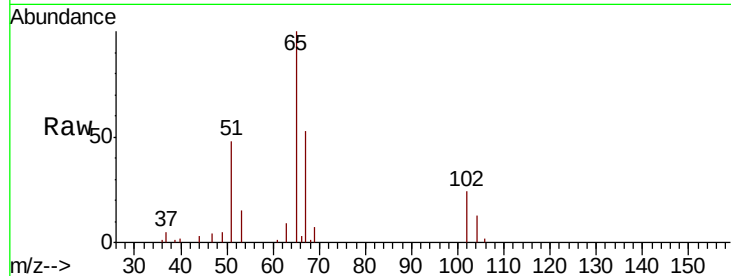
P001-SS024-0006-01RE

Tot Ion: 65 Resp: 89916

Ion Ratio Lower Upper

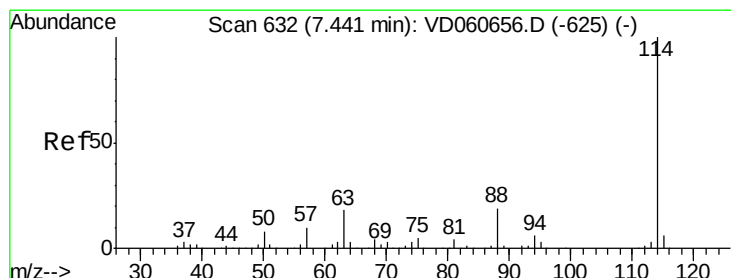
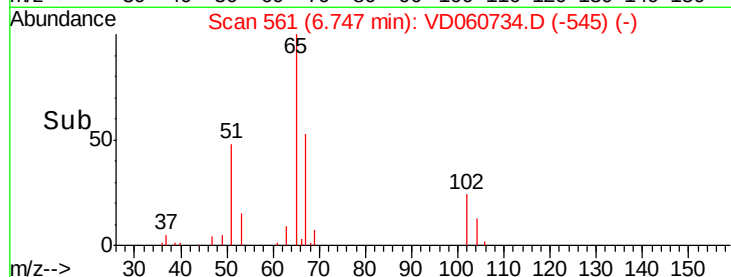
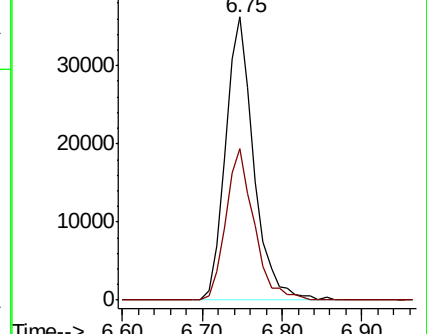
65 100

67 53.4 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. -0.03 min

Lab File: VD060734.D

Acq: 27 Dec 2018 18:50

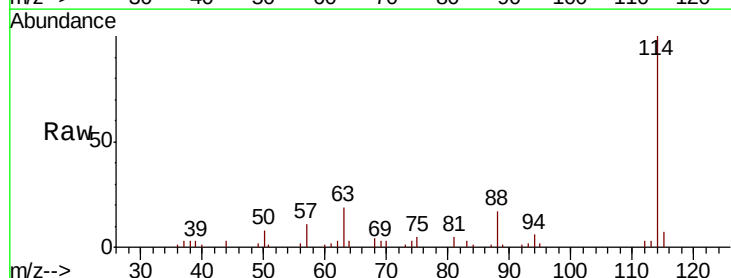
Tgt Ion: 114 Resp: 112666

Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.2

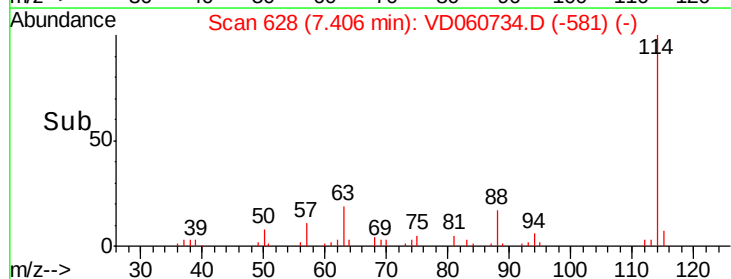
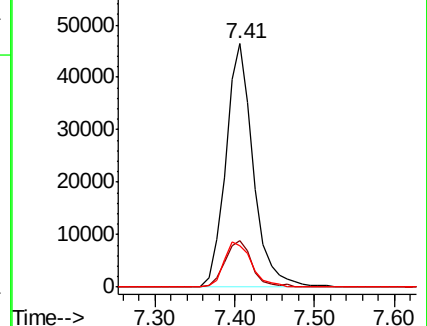
88 17.1 0.0 37.0

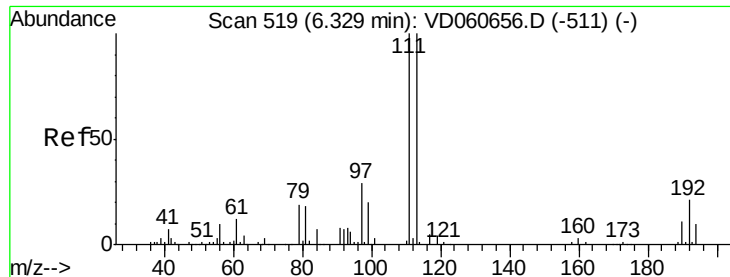


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.28 min Scan# 514

Delta R.T. -0.04 min

Lab File: VD060734.D

Acq: 27 Dec 2018 18:50

Instrument :

MSVOA_D

ClientSampleId :

P001-SS024-0006-01RE

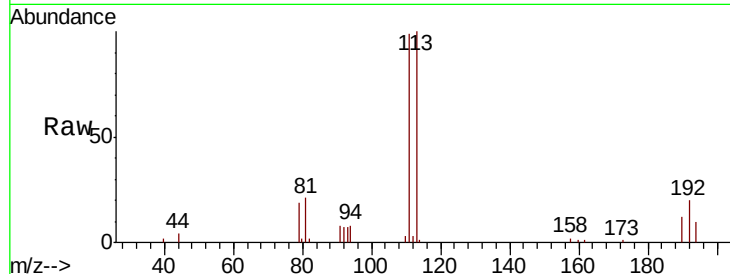
Tot Ion:113 Resp: 77106

Ion Ratio Lower Upper

113 100

111 98.6 80.0 120.0

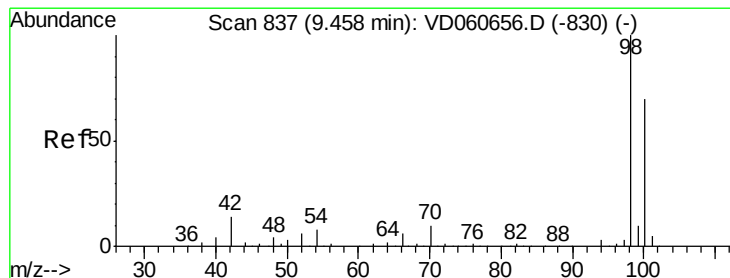
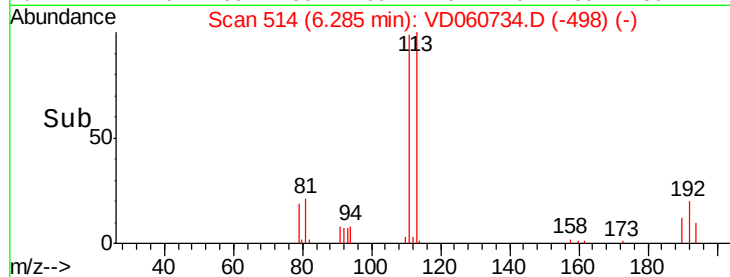
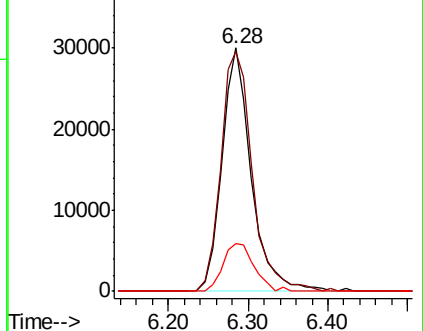
192 19.8 16.6 25.0



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: 9.41 min Scan# 832

Delta R.T. -0.04 min

Lab File: VD060734.D

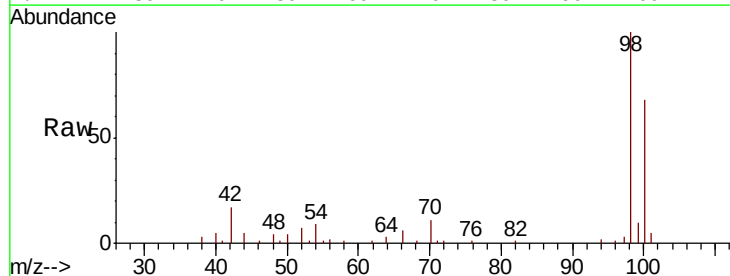
Acq: 27 Dec 2018 18:50

Tgt Ion: 98 Resp: 111526

Ion Ratio Lower Upper

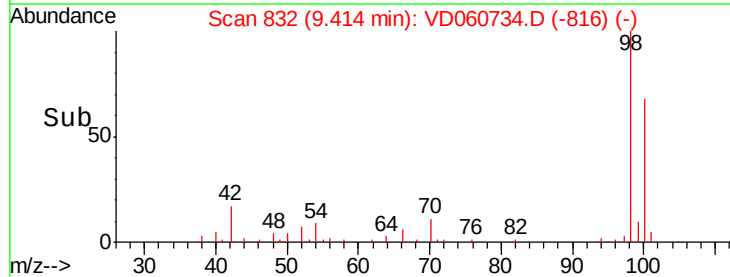
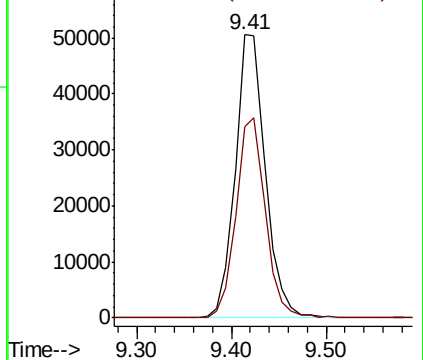
98 100

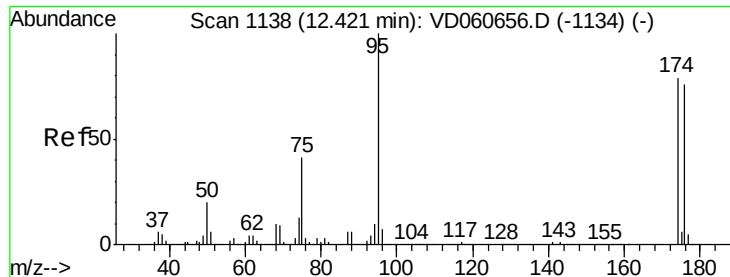
100 67.7 55.8 83.8



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: 12.41 min Scan# 1136

Delta R.T. -0.02 min

Lab File: VD060734.D

Acq: 27 Dec 2018 18:50

Instrument :

MSVOA_D

ClientSampleId :

P001-SS024-0006-01RE

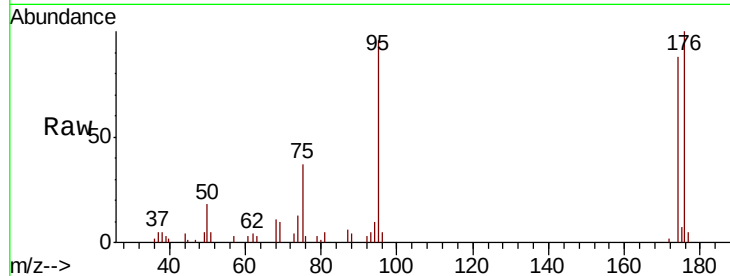
Tot Ion: 95 Resp: 30177

Ion Ratio Lower Upper

95 100

174 92.3 0.0 158.2

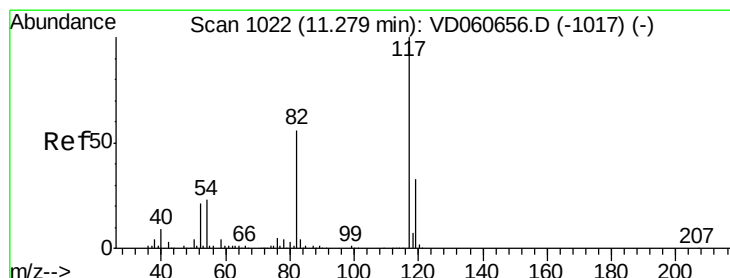
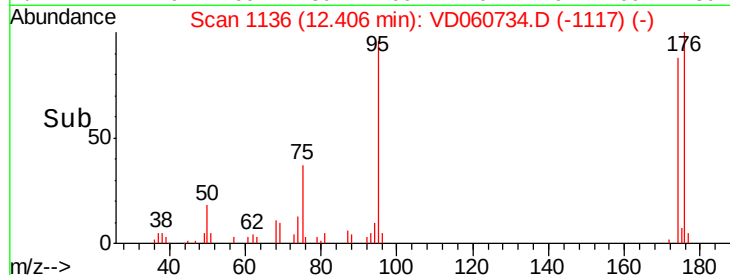
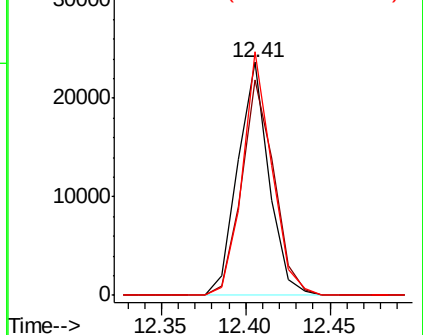
176 104.5 0.0 152.4



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. -0.02 min

Lab File: VD060734.D

Acq: 27 Dec 2018 18:50

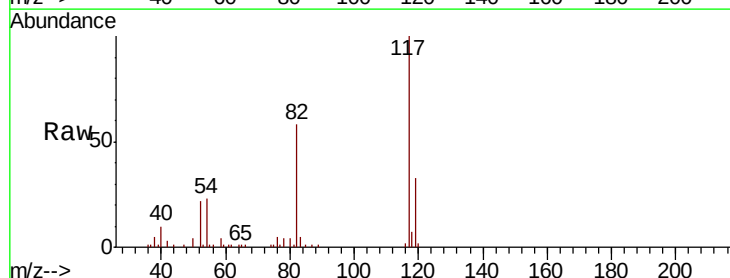
Tgt Ion: 117 Resp: 92135

Ion Ratio Lower Upper

117 100

82 58.0 44.5 66.7

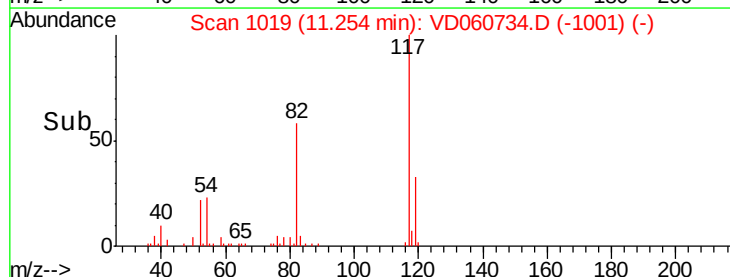
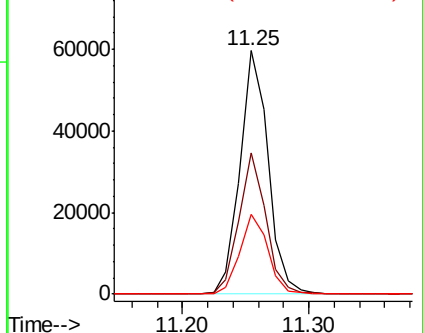
119 32.6 26.3 39.5

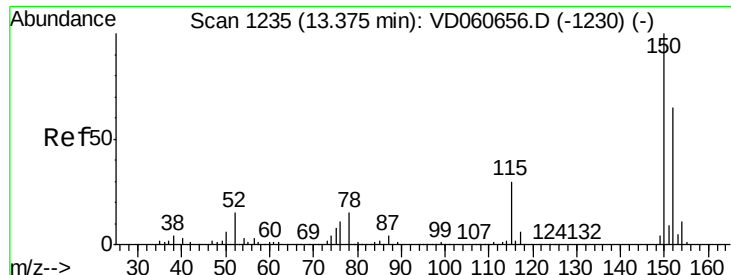


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD060734.D

Acq: 27 Dec 2018 18:50

Instrument :

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P001-SS024-0006-01RE

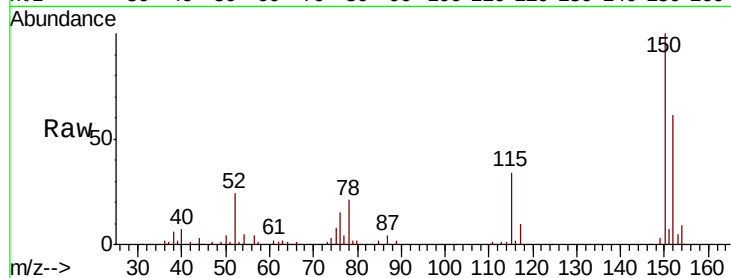
Tot Ion:152 Resp: 31462

Ion Ratio Lower Upper

152 100

115 55.2 24.1 72.3

150 163.8 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

