

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122718\
 Data File : VD060737.D
 Acq On : 27 Dec 2018 20:14
 Operator : VA/AP
 Sample : J6447-06RE
 Misc : 3.22g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P001-SS025-0006-01RE

Quant Time: Dec 28 03:02:40 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

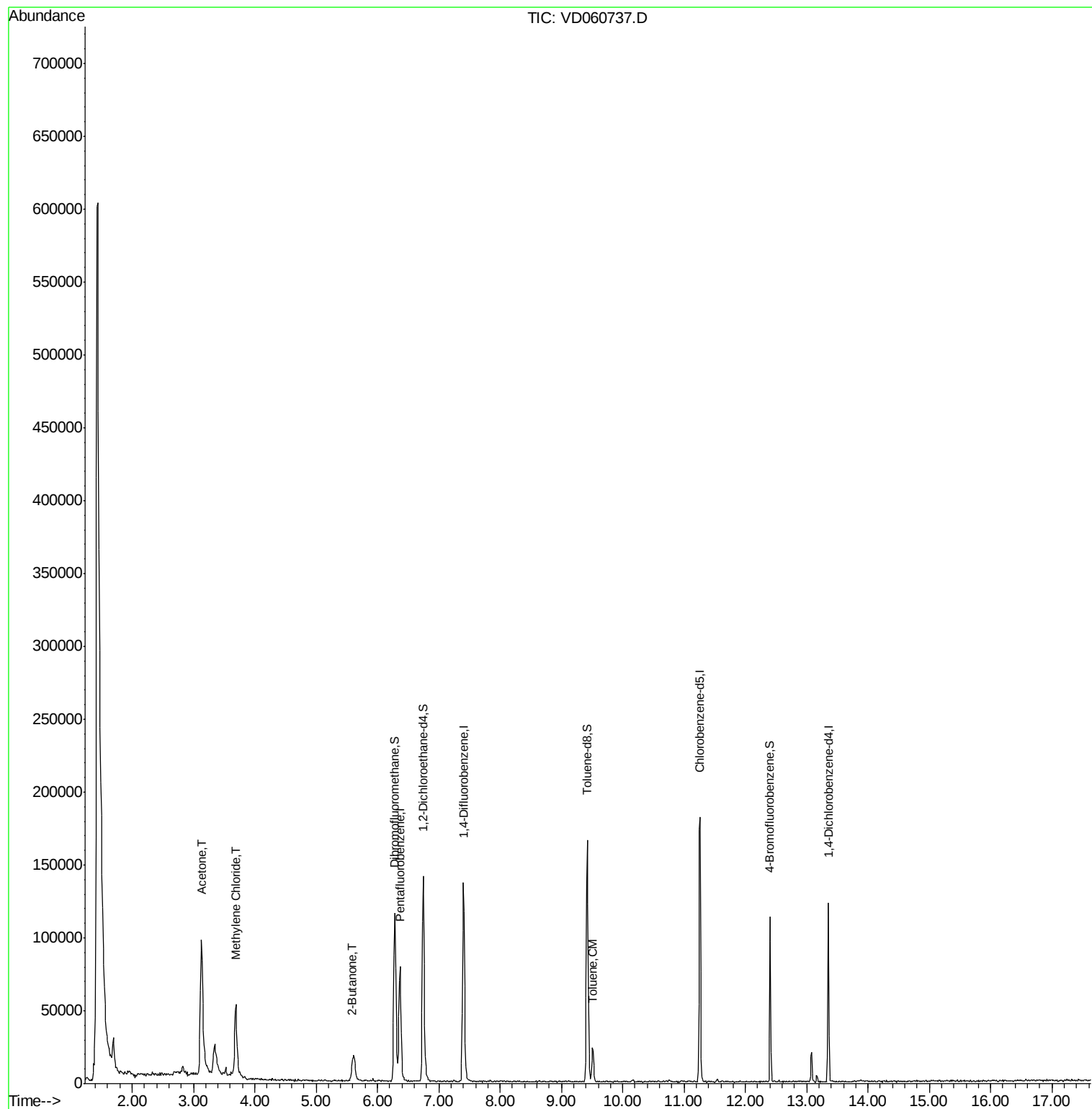
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	74864	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.40	114	142132	50.00	ug/l	-0.04
63) Chlorobenzene-d5	11.26	117	102088	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	31467	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.74	65	115345	222.95	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	445.90%	
35) Dibromofluoromethane	6.29	113	96164	92.44	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	184.88%	
50) Toluene-d8	9.42	98	129827	41.83	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	83.66%	
62) 4-Bromofluorobenzene	12.40	95	32167	29.59	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	59.18%	
Target Compounds						
16) Acetone	3.13	43	205217	2271.349	ug/l	96
20) Methylene Chloride	3.68	84	31145	33.193	ug/l	97
25) 2-Butanone	5.58	43	12566	72.681	ug/l #	87
52) Toluene	9.52	92	12787	5.395	ug/l	98

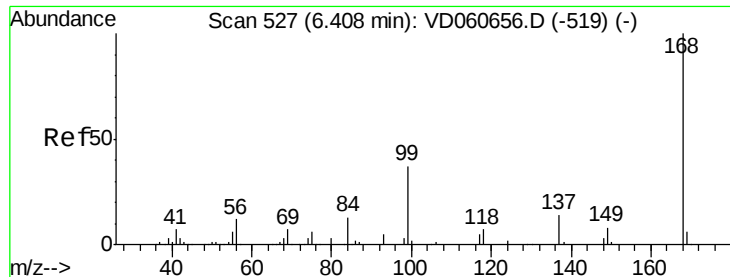
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VD060737.D

Acq: 27 Dec 2018 20:14

Instrument :

MSVOA_D

ClientSampleId :

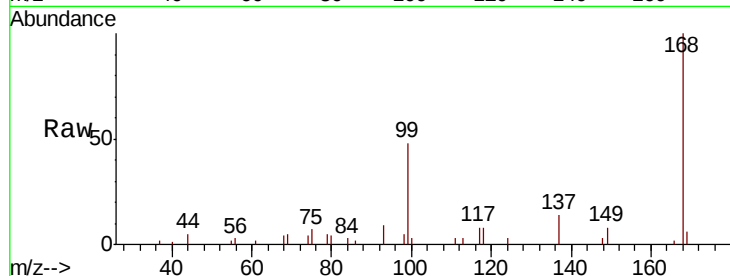
P001-SS025-0006-01RE

Tot Ion:168 Resp: 74864

Ion Ratio Lower Upper

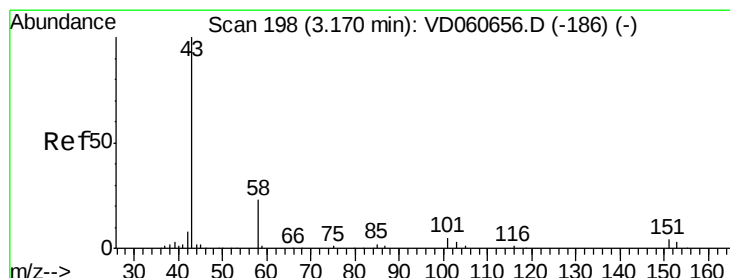
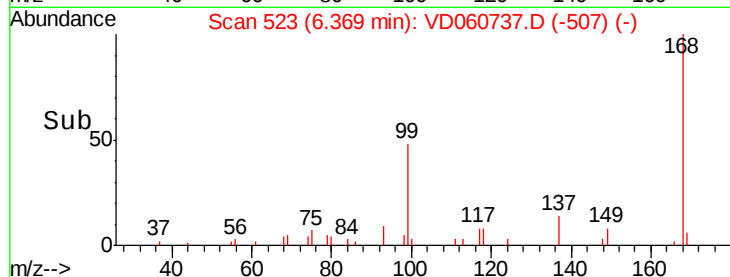
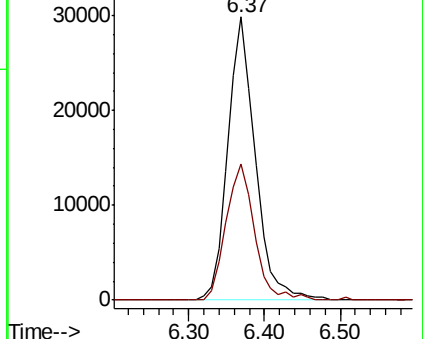
168 100

99 48.1 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 2271.349 ug/l

RT: 3.13 min Scan# 194

Delta R.T. -0.04 min

Lab File: VD060737.D

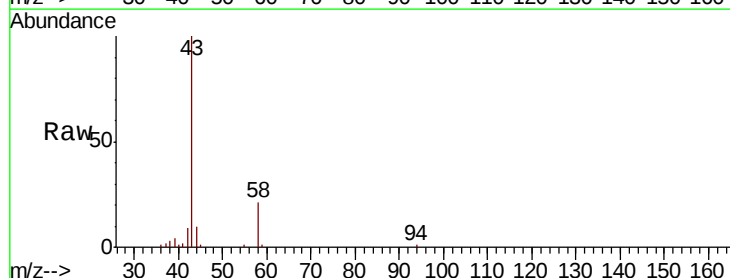
Acq: 27 Dec 2018 20:14

Tgt Ion: 43 Resp: 205217

Ion Ratio Lower Upper

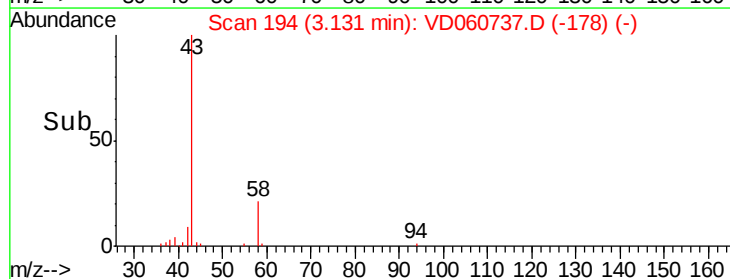
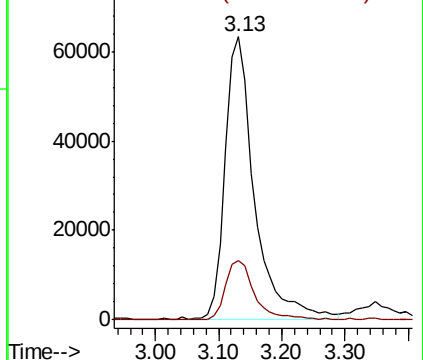
43 100

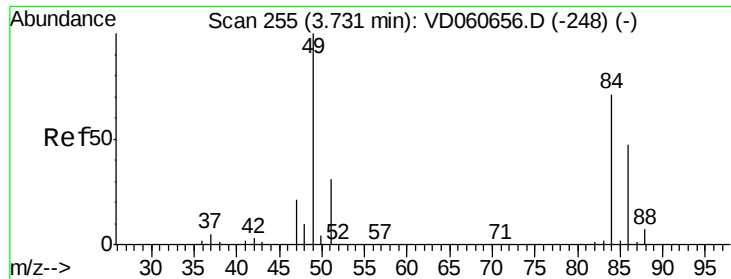
58 20.8 18.2 27.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

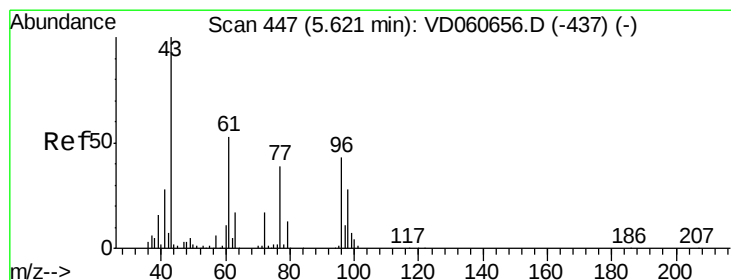
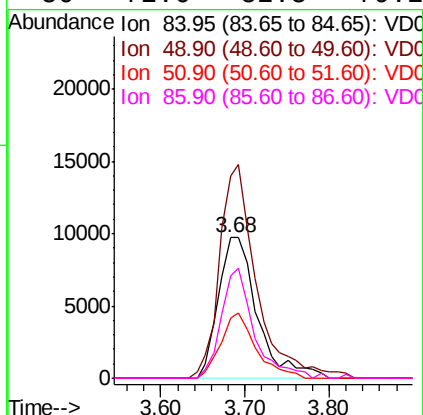
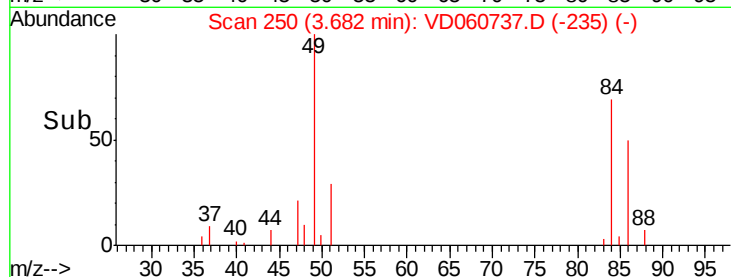
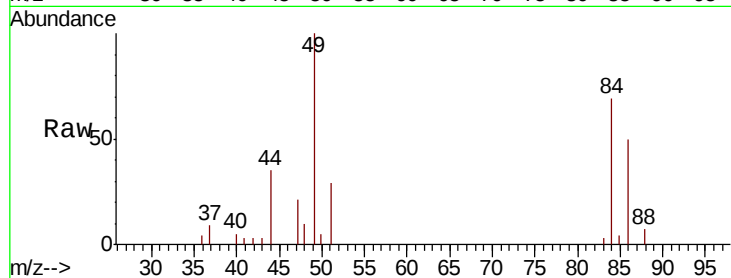




#20
Methvlene Chloride
Concen: 33.193 ug/l
RT: 3.68 min Scan# 250
Delta R.T. -0.05 min
Lab File: VD060737.D
Acq: 27 Dec 2018 20:14

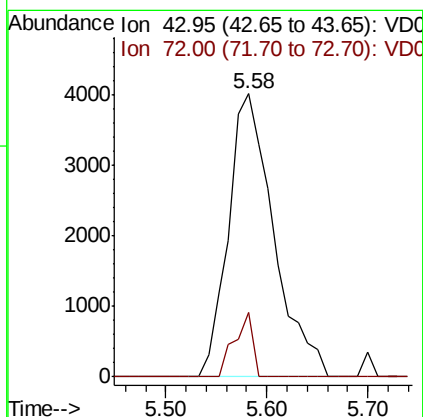
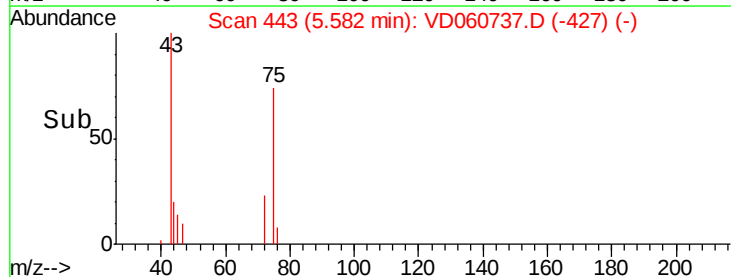
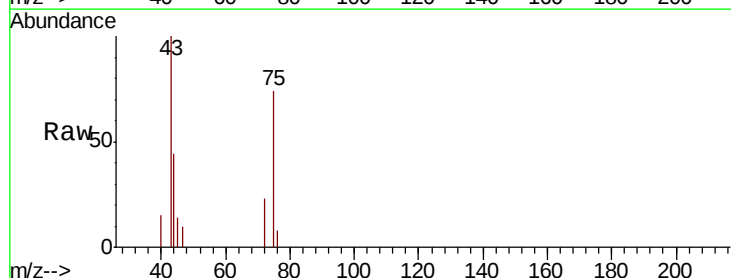
Instrument :
MSVOA_D
ClientSampleId :
P001-SS025-0006-01RE

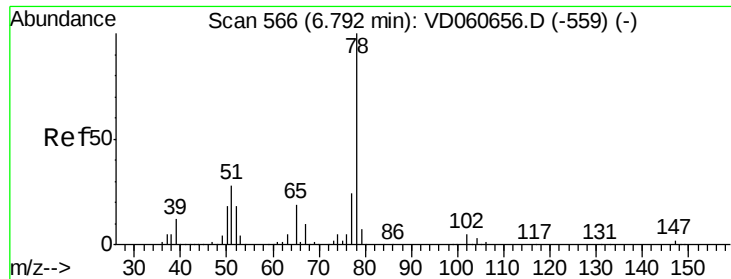
Tot Ion: 84 Resp: 31145
Ion Ratio Lower Upper
84 100
49 144.3 113.6 170.4
51 42.5 34.7 52.1
86 72.6 52.8 79.2



#25
2-Butanone
Concen: 72.681 ug/l
RT: 5.58 min Scan# 443
Delta R.T. -0.04 min
Lab File: VD060737.D
Acq: 27 Dec 2018 20:14

Tgt Ion: 43 Resp: 12566
Ion Ratio Lower Upper
43 100
72 22.8 13.7 20.5#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.74 min Scan# 561

Delta R.T. -0.05 min

Lab File: VD060737.D

Acq: 27 Dec 2018 20:14

Instrument :

MSVOA_D

ClientSampleId :

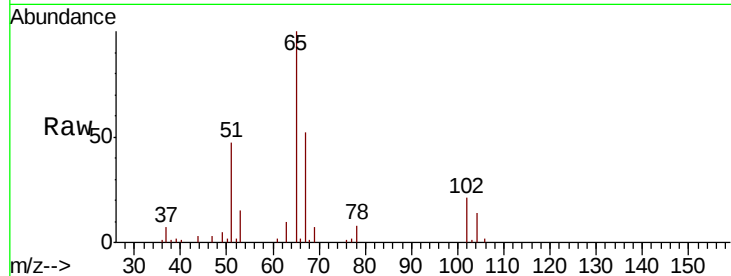
P001-SS025-0006-01RE

Tot Ion: 65 Resp: 115345

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.74

50000

40000

30000

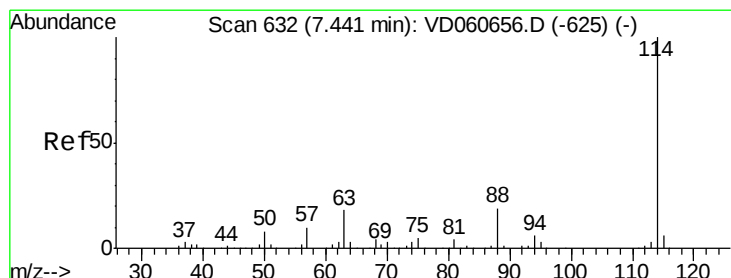
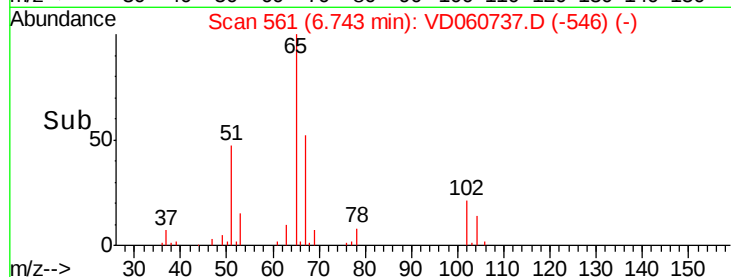
20000

10000

0

6.60 6.70 6.80 6.90

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.40 min Scan# 628

Delta R.T. -0.04 min

Lab File: VD060737.D

Acq: 27 Dec 2018 20:14

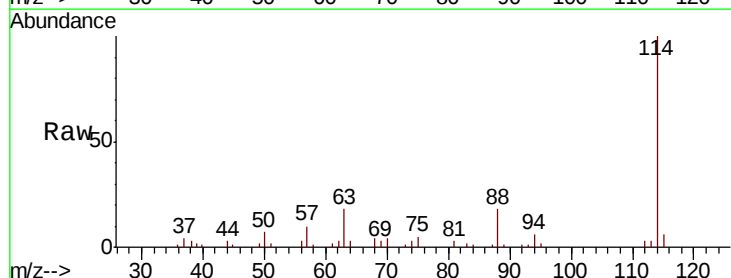
Tgt Ion:114 Resp: 142132

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.2

88 18.4 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

80000

60000

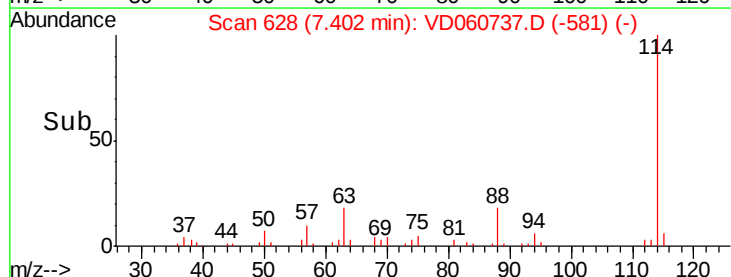
40000

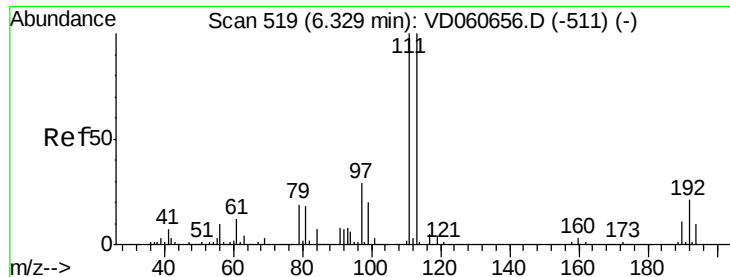
20000

0

7.30 7.40 7.50 7.60

Time-->





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.29 min Scan# 515

Delta R.T. -0.04 min

Lab File: VD060737.D

Acq: 27 Dec 2018 20:14

Instrument :

MSVOA_D

ClientSampleId :

P001-SS025-0006-01RE

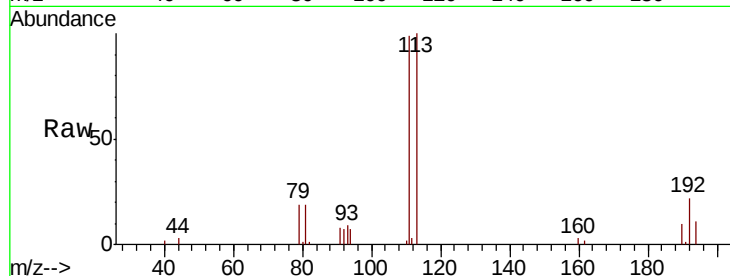
Tot Ion:113 Resp: 96164

Ion Ratio Lower Upper

113 100

111 98.7 80.0 120.0

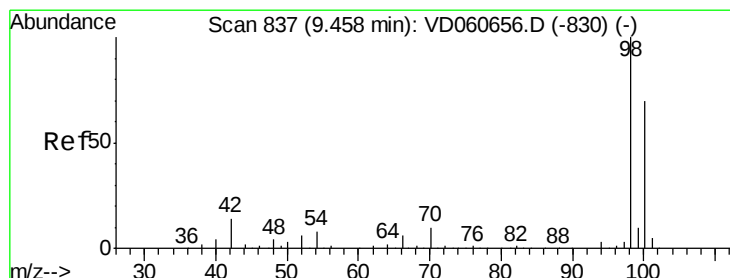
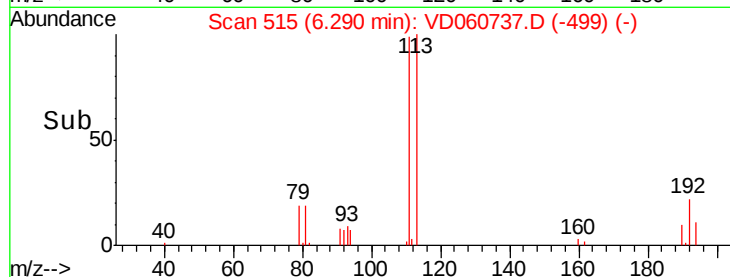
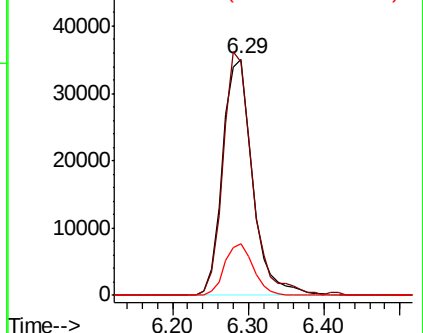
192 22.0 16.6 25.0



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: VD060737.D

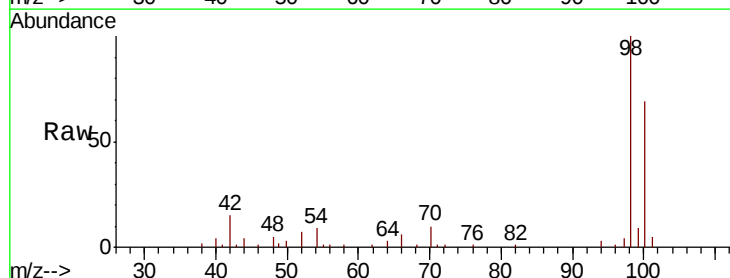
Acq: 27 Dec 2018 20:14

Tgt Ion: 98 Resp: 129827

Ion Ratio Lower Upper

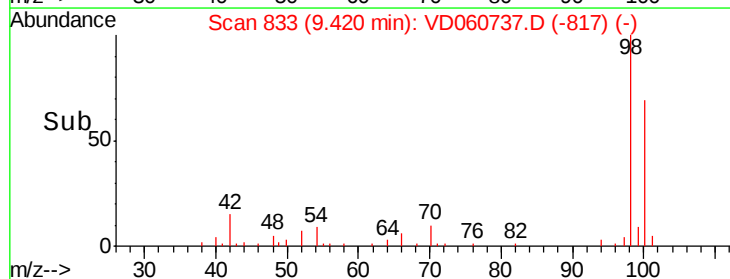
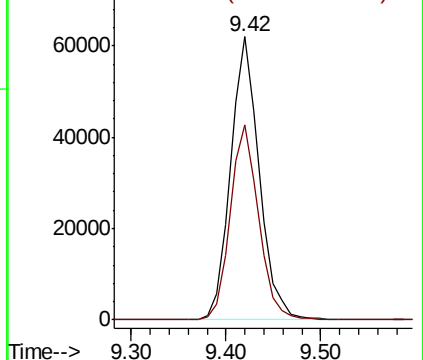
98 100

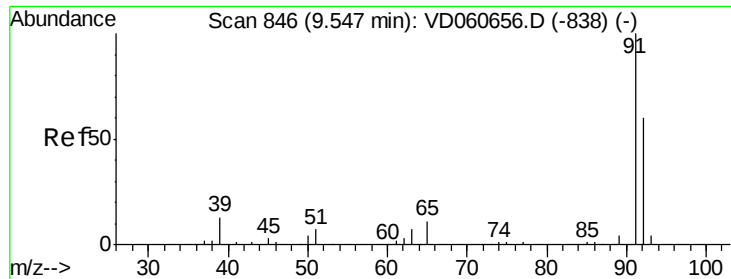
100 68.7 55.8 83.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 5.395 ug/l

RT: 9.52 min Scan# 843

Delta R.T. -0.03 min

Lab File: VD060737.D

Acq: 27 Dec 2018 20:14

Instrument :

MSVOA_D

ClientSampleId :

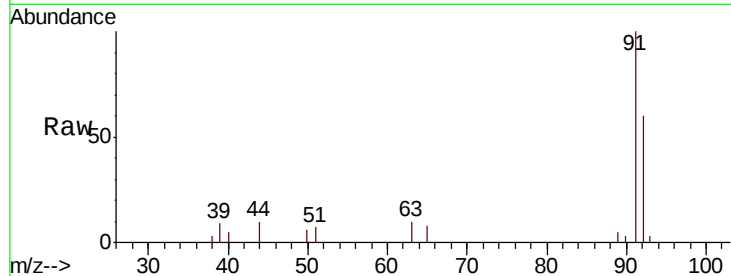
P001-SS025-0006-01RE

Tot Ion: 92 Resp: 12787

Ion Ratio Lower Upper

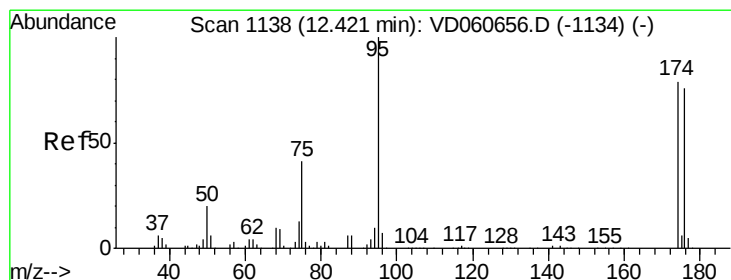
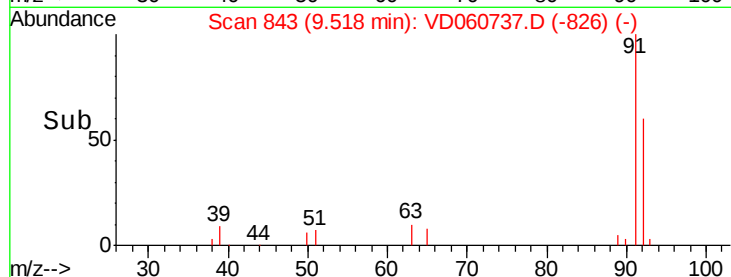
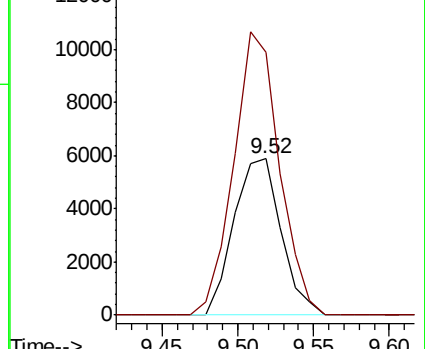
92 100

91 168.0 132.6 199.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 1136

Delta R.T. -0.02 min

Lab File: VD060737.D

Acq: 27 Dec 2018 20:14

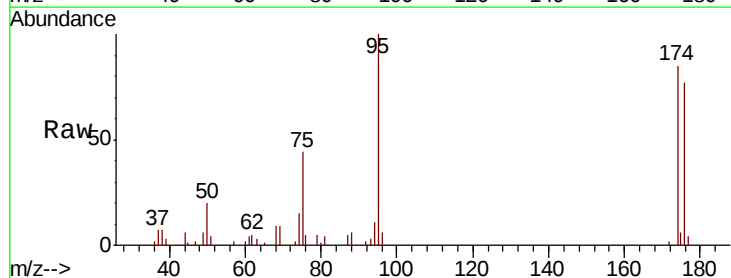
Tgt Ion: 95 Resp: 32167

Ion Ratio Lower Upper

95 100

174 85.5 0.0 158.2

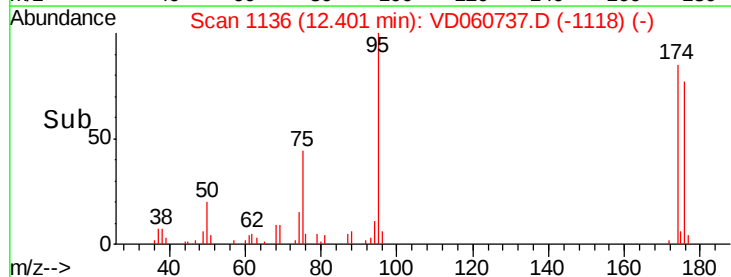
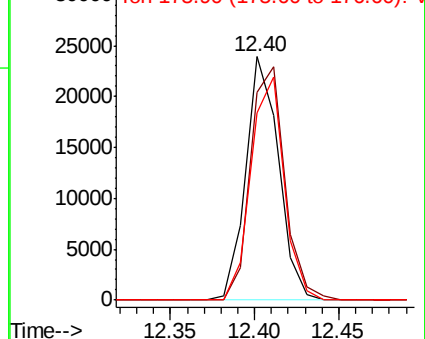
176 76.8 0.0 152.4

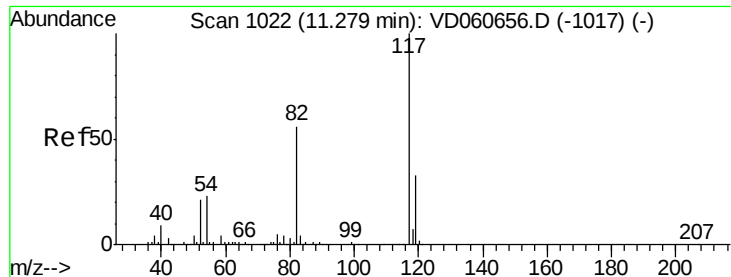


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

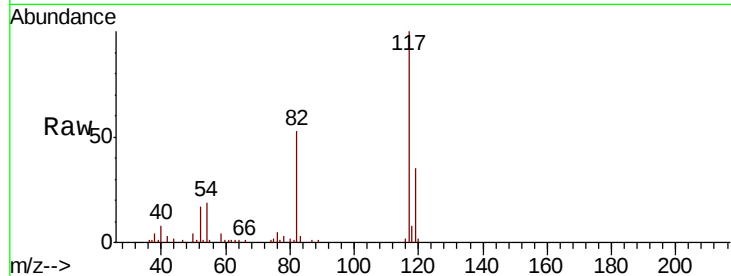




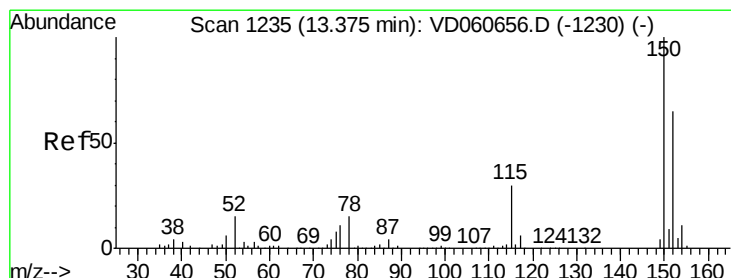
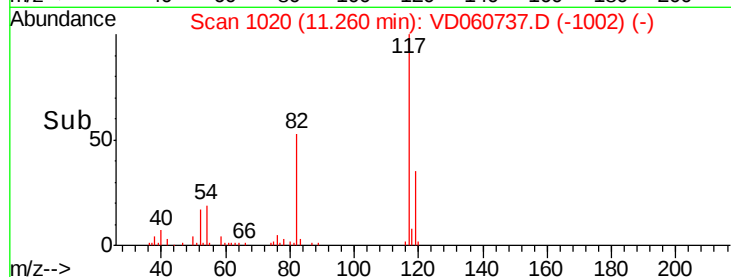
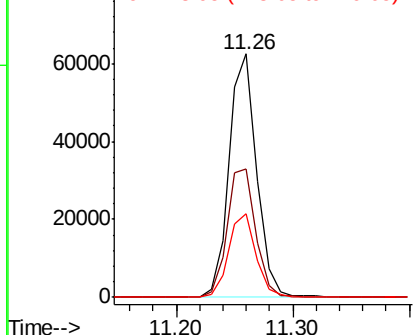
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.26 min Scan# 1020
Delta R.T. -0.02 min
Lab File: VD060737.D
Acq: 27 Dec 2018 20:14

Instrument :
MSVOA_D
ClientSampleId :
P001-SS025-0006-01RE

Tot Ion:117 Resp: 102088
Ion Ratio Lower Upper
117 100
82 52.5 44.5 66.7
119 34.6 26.3 39.5

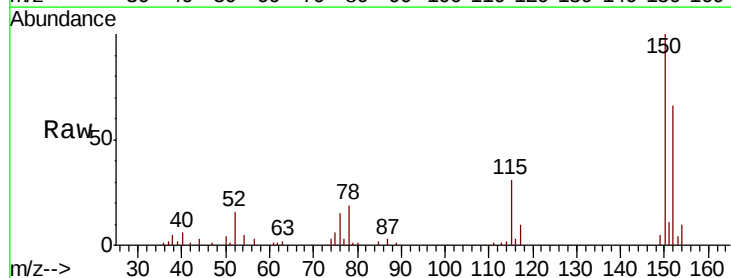


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1233
Delta R.T. -0.02 min
Lab File: VD060737.D
Acq: 27 Dec 2018 20:14

Tgt Ion:152 Resp: 31467
Ion Ratio Lower Upper
152 100
115 46.7 24.1 72.3
150 150.6 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

