

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111918\
 Data File : VD060416.D
 Acq On : 19 Nov 2018 15:02
 Operator : JC/SY
 Sample : J5989-01
 Misc : 5.37g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ES-RO-343

Quant Time: Nov 20 14:09:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

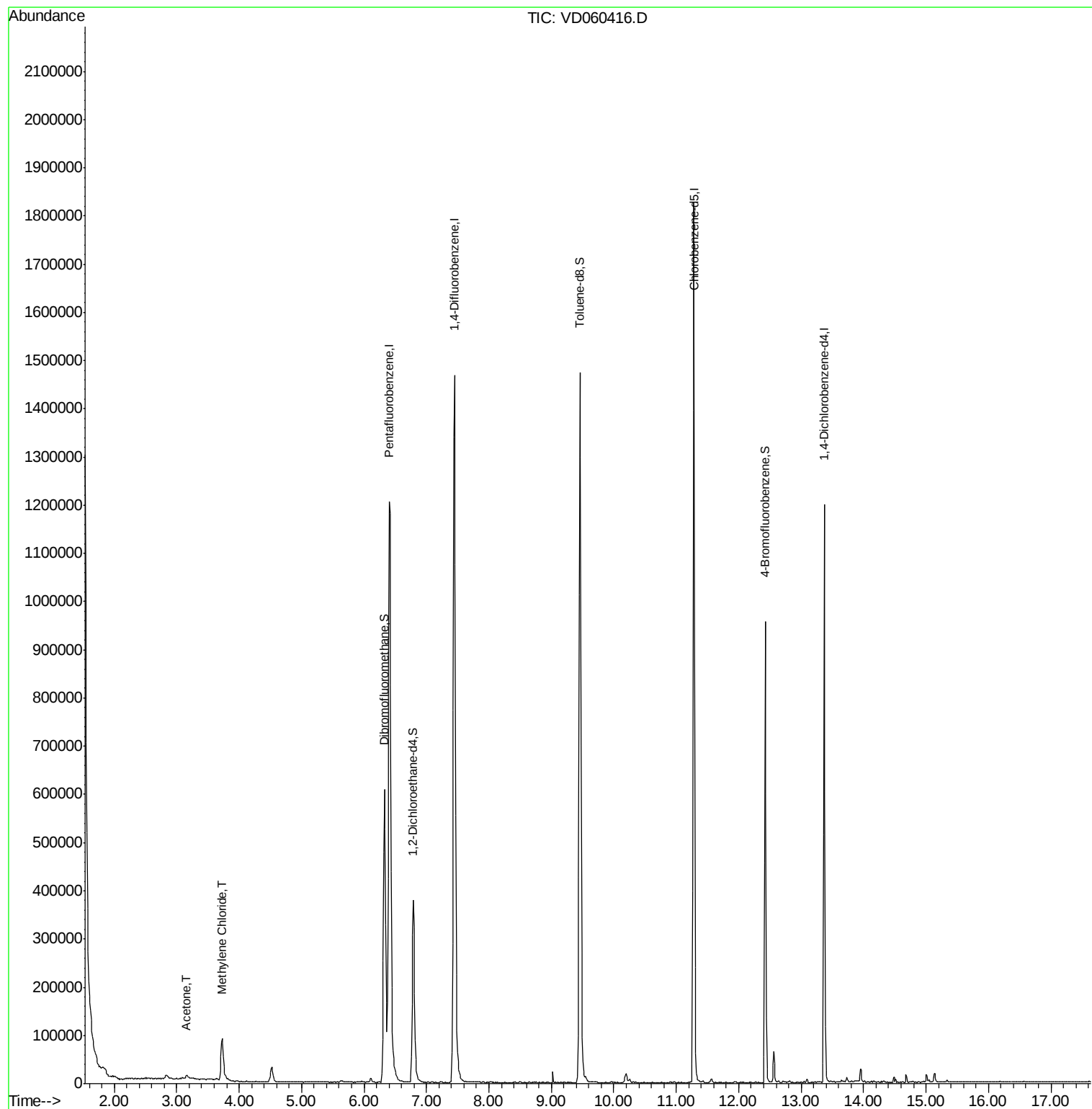
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1256332	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.45	114	1625836	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.29	117	983632	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	259812	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	322251	35.82	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	71.64%	
35) Dibromofluoromethane	6.33	113	482582	39.81	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	79.62%	
50) Toluene-d8	9.45	98	1206358	34.00	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	68.00%	
62) 4-Bromofluorobenzene	12.43	95	267831	20.83	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	41.66%	
Target Compounds						
16) Acetone	3.17	43	16123	10.333	ug/l	97
20) Methylene Chloride	3.73	84	59634	4.308	ug/l	98

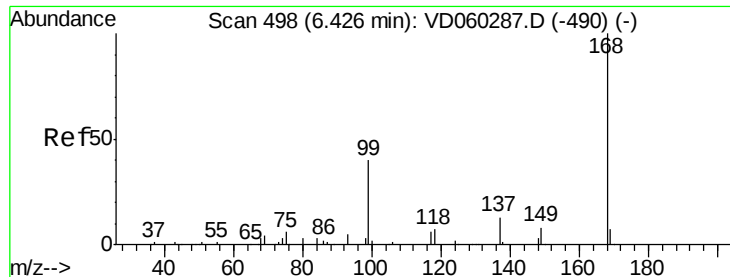
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111918\
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Quant Title : SW846 8260
QLast Update : Mon Nov 19 16:31:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060416.D

Acq: 19 Nov 2018 15:02

Instrument :

MSVOA_D

ClientSampleId :

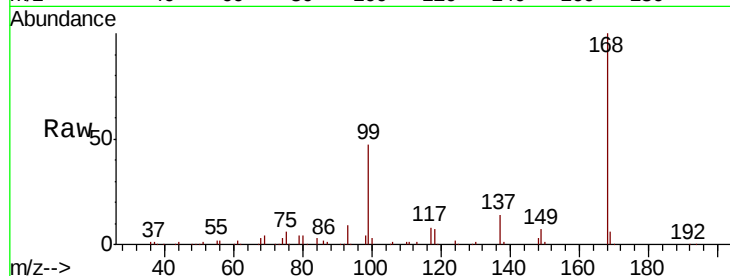
ES-RO-343

Tot Ion:168 Resp: 1256332

Ion Ratio Lower Upper

168 100

99 47.1 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.41

400000

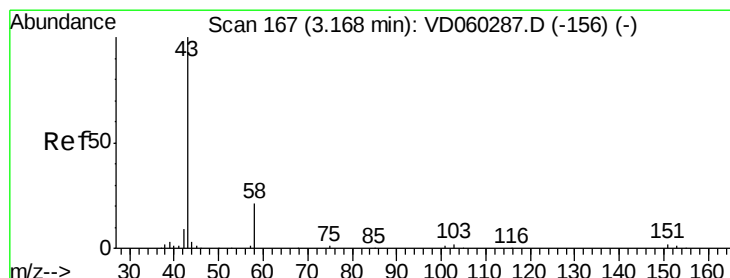
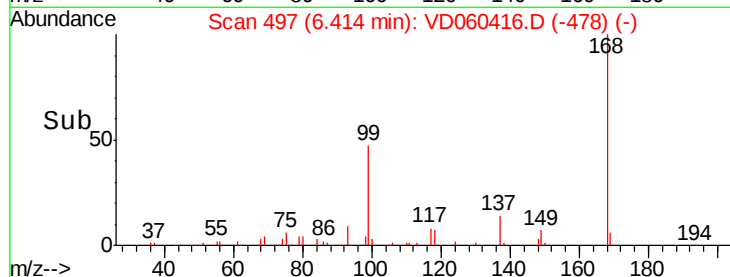
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 10.333 ug/l

RT: 3.17 min Scan# 167

Delta R.T. -0.00 min

Lab File: VD060416.D

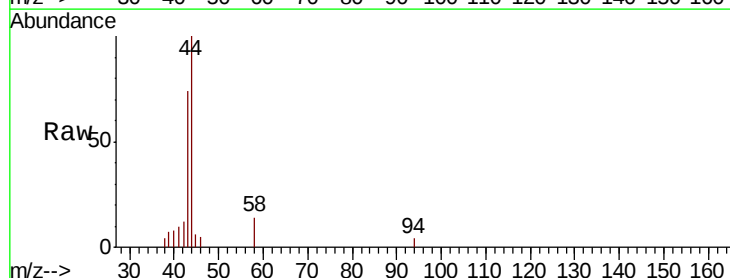
Acq: 19 Nov 2018 15:02

Tgt Ion: 43 Resp: 16123

Ion Ratio Lower Upper

43 100

58 19.5 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.17

6000

5000

4000

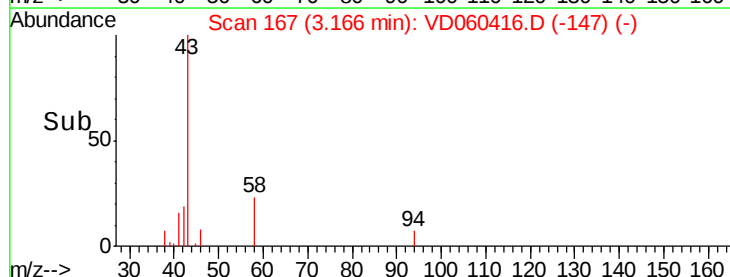
3000

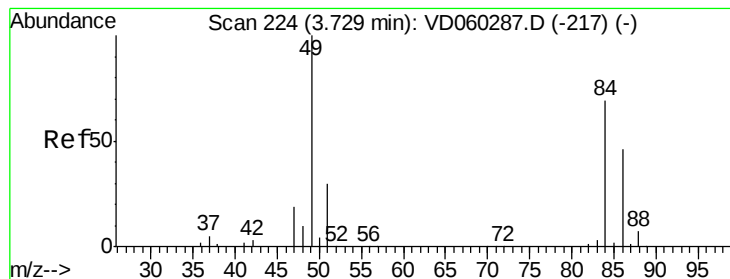
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 4.308 ug/l

RT: 3.73 min Scan# 224

Delta R.T. -0.00 min

Lab File: VD060416.D

Acq: 19 Nov 2018 15:02

Instrument :

MSVOA_D

ClientSampled :

ES-RO-343

Tot Ion: 84 Resp: 59634

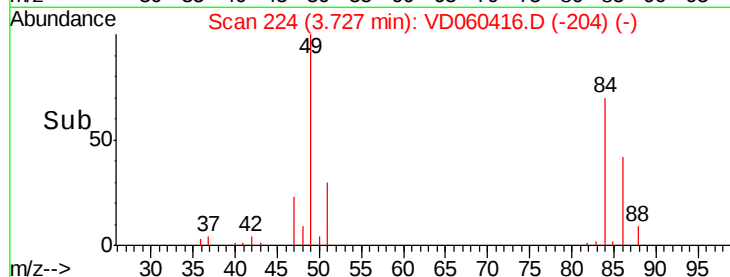
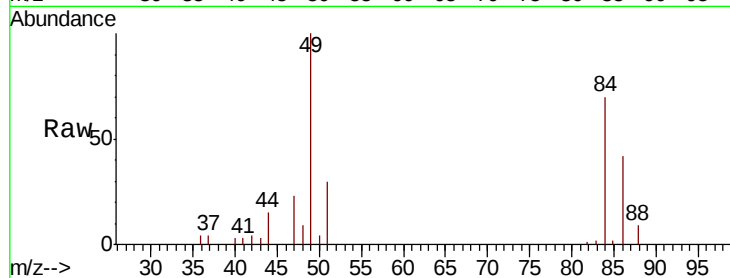
Ion Ratio Lower Upper

84 100

49 143.9 115.6 173.4

51 42.7 35.6 53.4

86 60.2 52.3 78.5

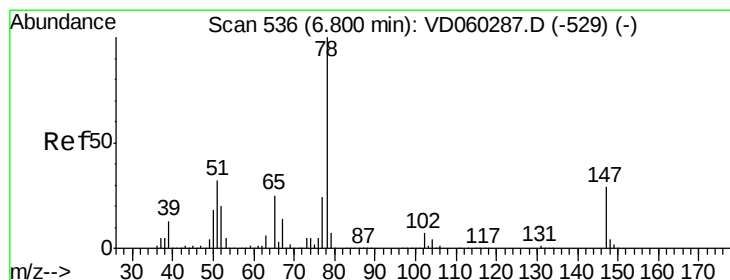
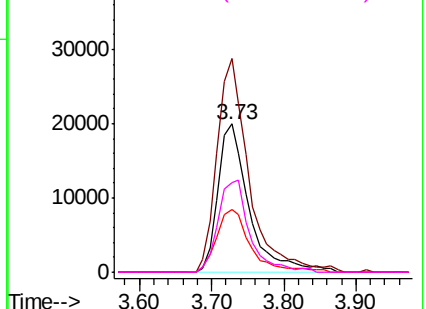


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 6.79 min Scan# 535

Delta R.T. -0.01 min

Lab File: VD060416.D

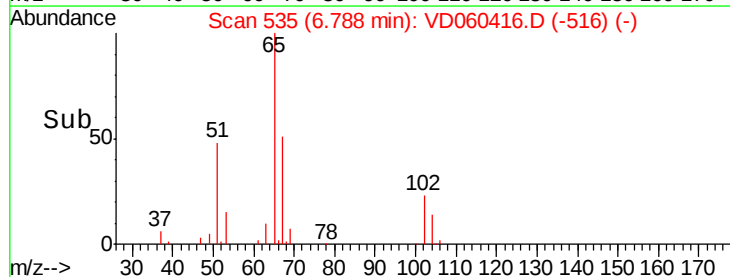
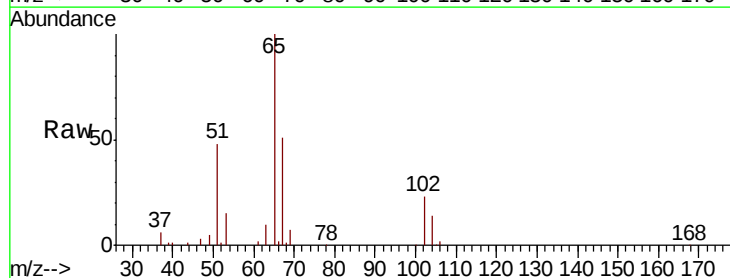
Acq: 19 Nov 2018 15:02

Tgt Ion: 65 Resp: 322251

Ion Ratio Lower Upper

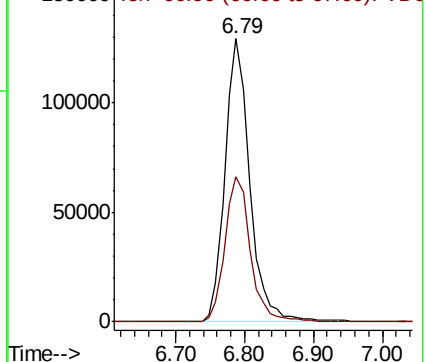
65 100

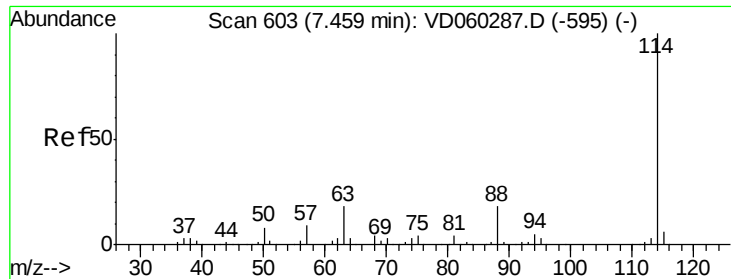
67 51.1 0.0 109.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

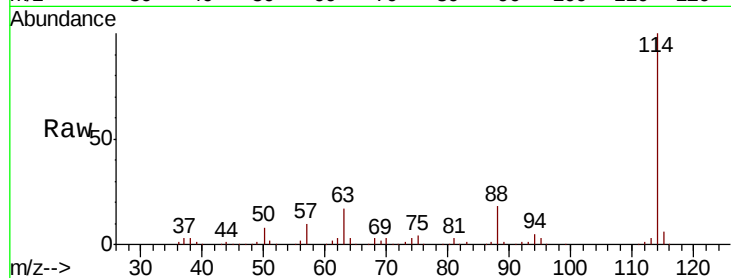




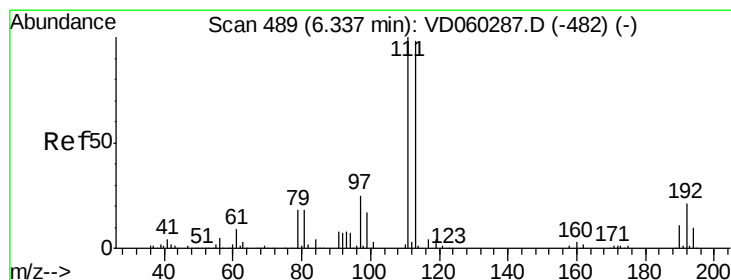
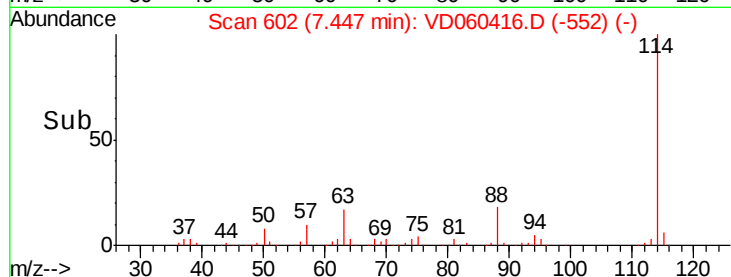
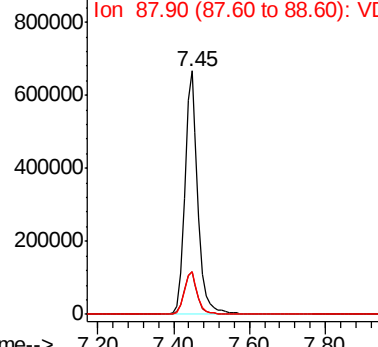
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060416.D
 Acq: 19 Nov 2018 15:02

Instrument :
 MSVOA_D
 ClientSampleId :
 ES-RO-343

Tot Ion:114 Resp: 1625836
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 34.0
 88 17.6 0.0 35.4

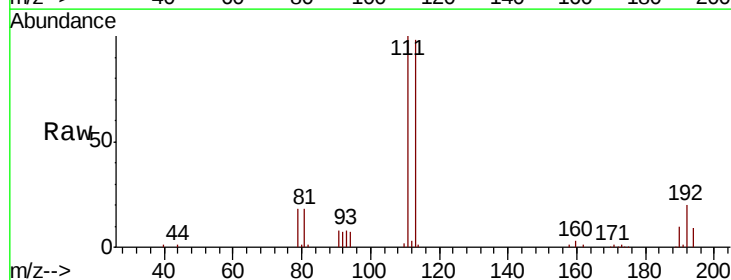


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

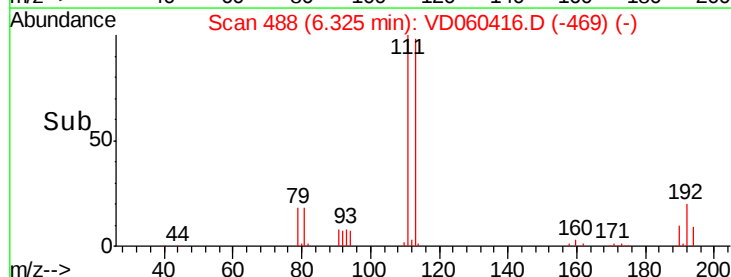
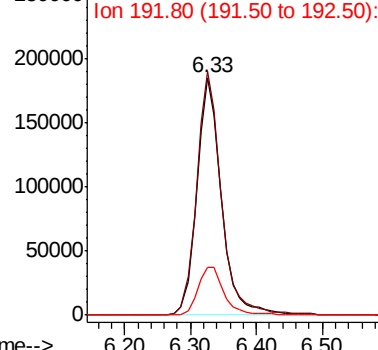


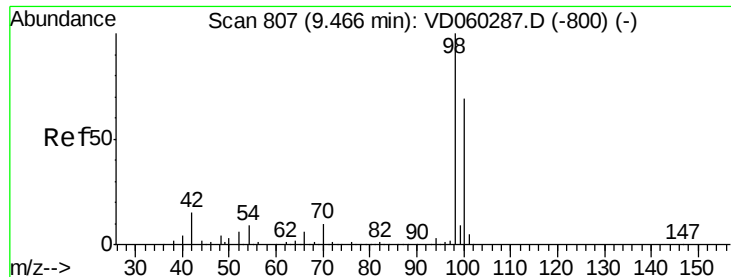
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VD060416.D
 Acq: 19 Nov 2018 15:02

Tgt Ion:113 Resp: 482582
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.6 122.4
 192 20.2 16.5 24.7



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: 9.45 min Scan# 806

Delta R.T. -0.01 min

Lab File: VD060416.D

Acq: 19 Nov 2018 15:02

Instrument :

MSVOA_D

ClientSampleId :

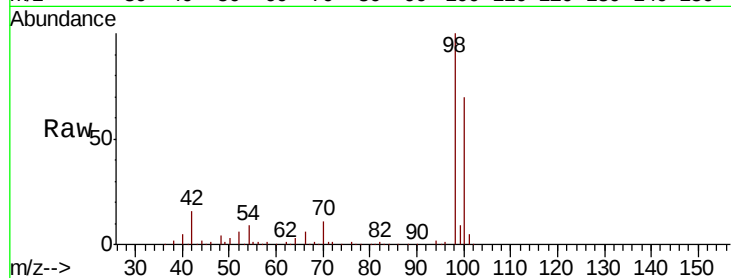
ES-RO-343

Tot Ion: 98 Resp: 1206358

Ion Ratio Lower Upper

98 100

100 69.7 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

9.45

600000

500000

400000

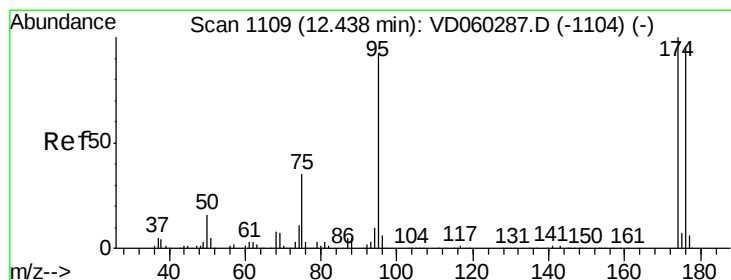
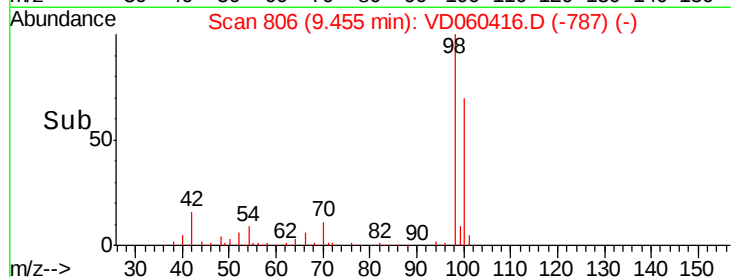
300000

200000

100000

0

Time--> 9.30 9.40 9.50 9.60



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060416.D

Acq: 19 Nov 2018 15:02

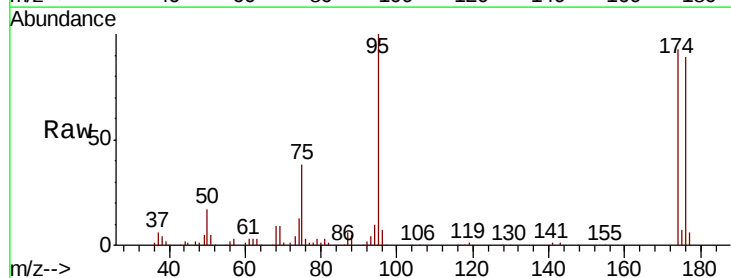
Tgt Ion: 95 Resp: 267831

Ion Ratio Lower Upper

95 100

174 92.5 0.0 160.8

176 89.0 0.0 154.6



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

250000

200000

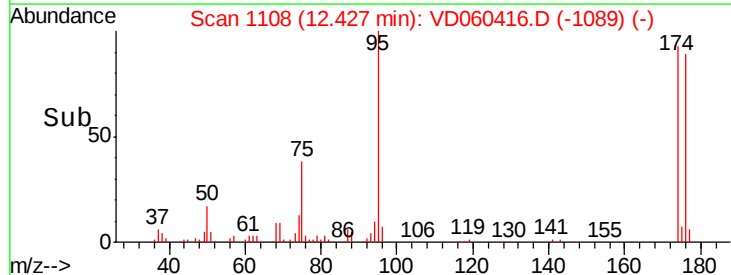
150000

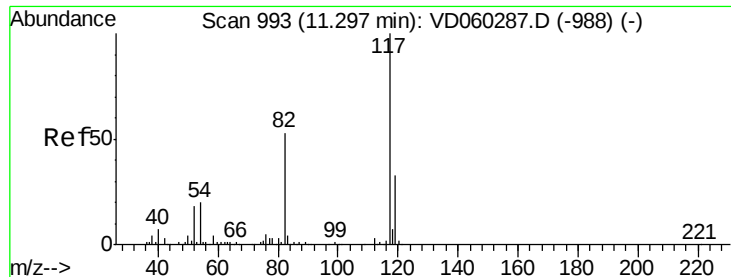
100000

50000

0

Time--> 12.30 12.40 12.50

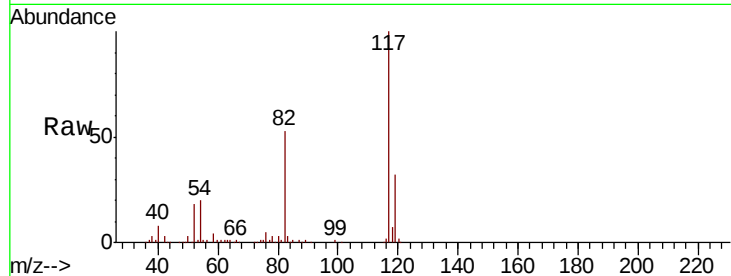




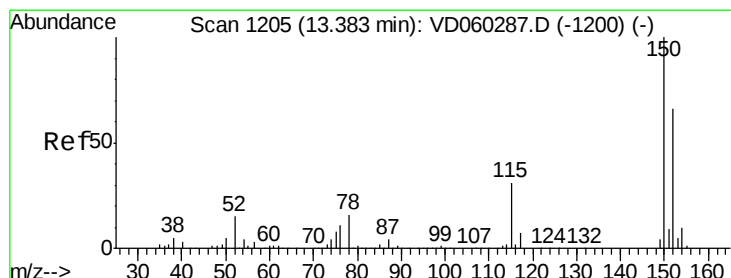
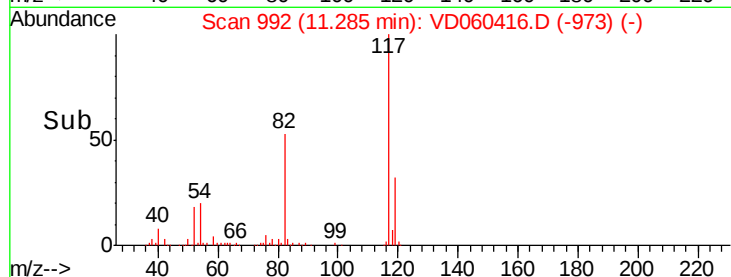
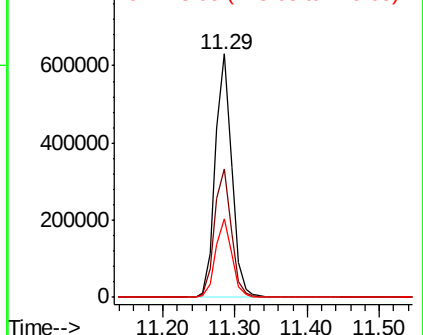
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060416.D
Acq: 19 Nov 2018 15:02

Instrument :
MSVOA_D
ClientSampleId :
ES-RO-343

Tot Ion:117 Resp: 983632
Ion Ratio Lower Upper
117 100
82 52.5 43.7 65.5
119 32.2 26.1 39.1

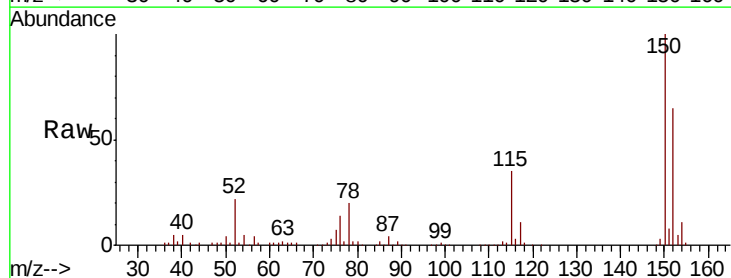


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060416.D
Acq: 19 Nov 2018 15:02

Tgt Ion:152 Resp: 259812
Ion Ratio Lower Upper
152 100
115 52.8 24.1 72.3
150 152.9 0.0 310.6



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

