

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111418\
 Data File : VD060374.D
 Acq On : 14 Nov 2018 12:48
 Operator : JC/SY
 Sample : J5770-01
 Misc : 6.52g/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-01-111218-A

Quant Time: Nov 14 16:17:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1491493	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.43	114	2054997	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	1310412	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	529767	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	514253	48.15	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	96.30%	
35) Dibromofluoromethane	6.31	113	696890	45.48	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	90.96%	
50) Toluene-d8	9.44	98	1231568	27.46	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	54.92%	
62) 4-Bromofluorobenzene	12.42	95	508171	31.27	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	62.54%	

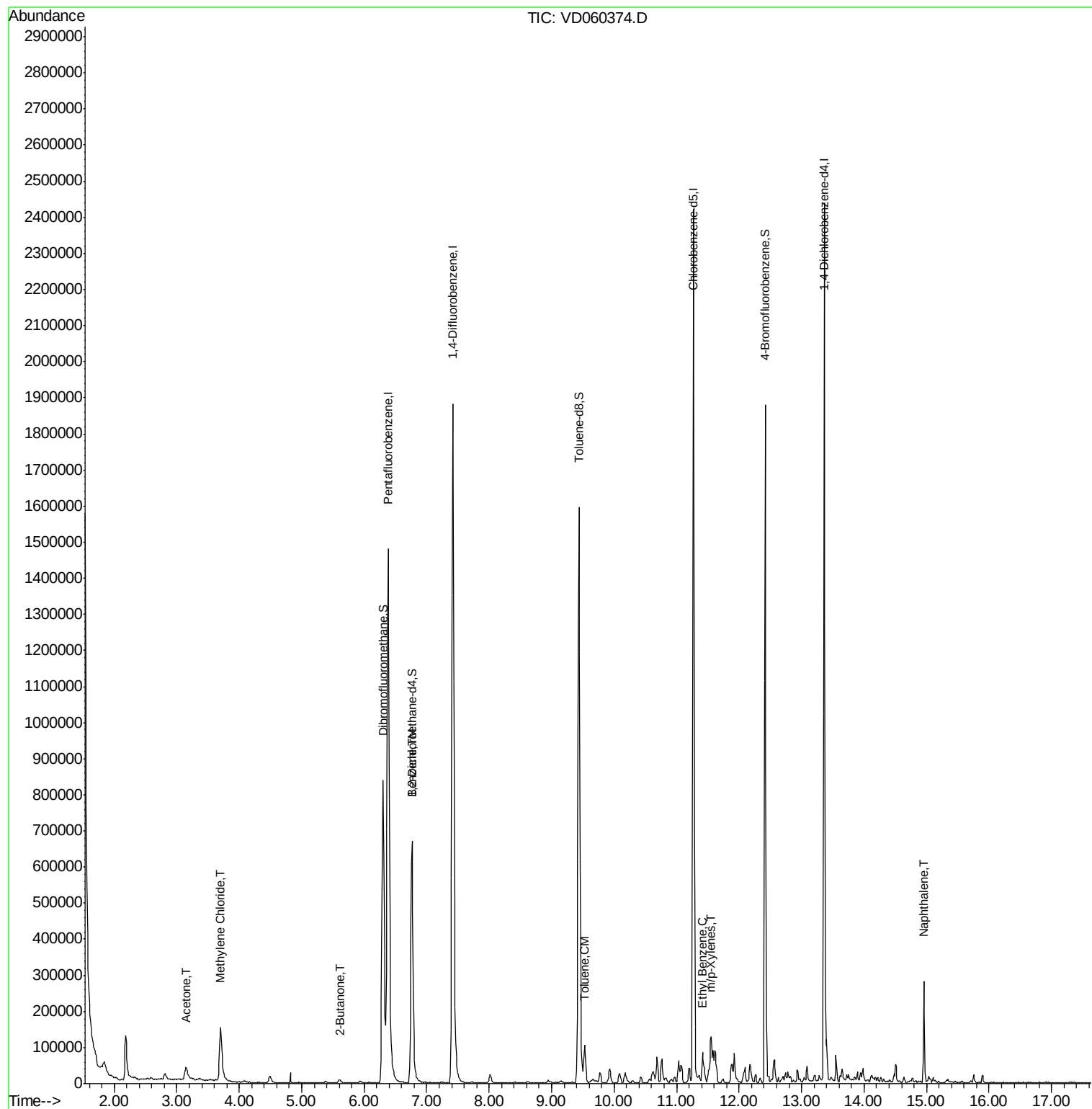
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.15	43	84489	45.61	ug/l	98
20) Methylene Chloride	3.71	84	104699	6.37	ug/l	91
25) 2-Butanone	5.60	43	18754	4.87	ug/l #	91
40) Benzene	6.77	78	81603	1.57	ug/l	99
52) Toluene	9.52	92	52777	1.59	ug/l	91
67) Ethyl Benzene	11.41	91	50616	1.04	ug/l	92
68) m/p-Xylenes	11.55	106	32684	1.82	ug/l	95
95) Naphthalene	14.96	128	165118	11.38	ug/l	99

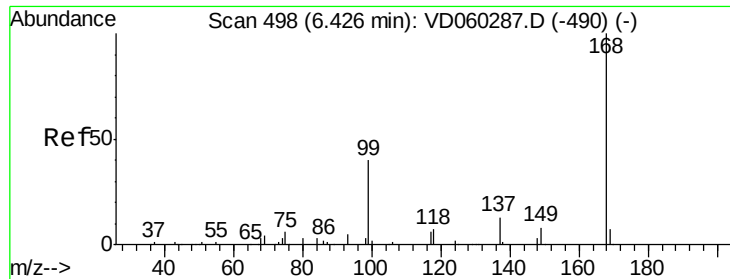
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD111418\
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MSVOA_D
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OR-01-111218-A

Quant Time: Nov 14 16:17:59 2018
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Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.38 min Scan# 494

Delta R.T. -0.04 min

Lab File: VD060374.D

Acq: 14 Nov 2018 12:48

Instrument :

MSVOA_D

ClientSampleId :

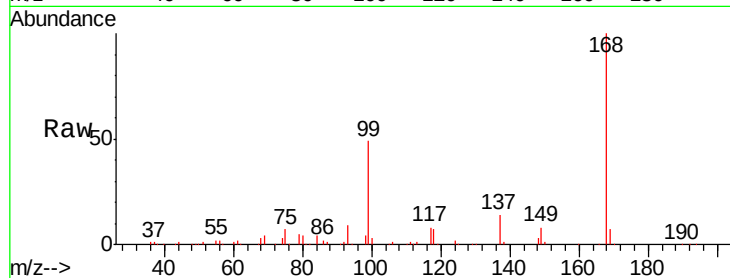
OR-01-111218-A

Tgt Ion:168 Resp: 1491493

Ion Ratio Lower Upper

168 100

99 49.4 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.38

500000

400000

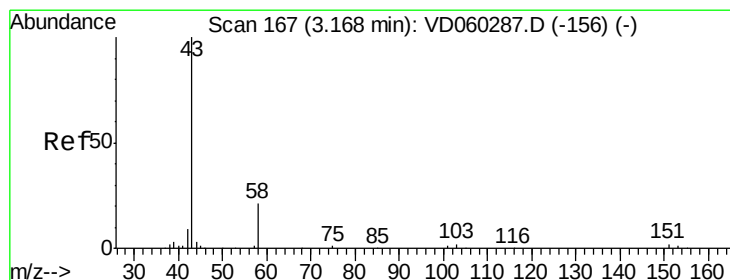
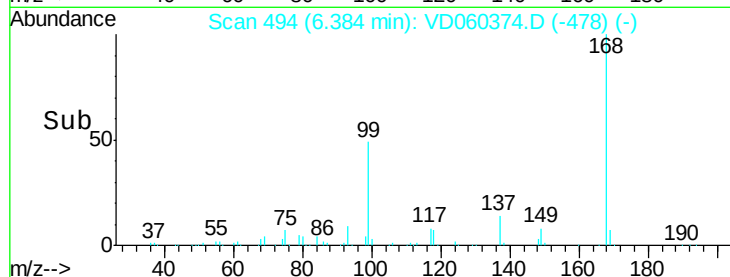
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 45.61 ug/l

RT: 3.15 min Scan# 165

Delta R.T. -0.02 min

Lab File: VD060374.D

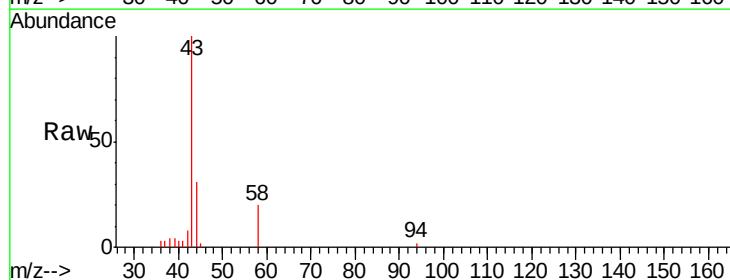
Acq: 14 Nov 2018 12:48

Tgt Ion: 43 Resp: 84489

Ion Ratio Lower Upper

43 100

58 20.2 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.15

25000

20000

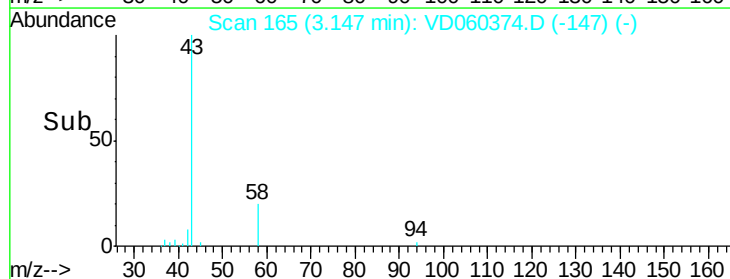
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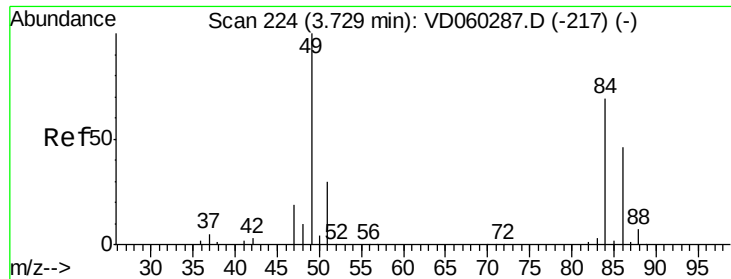
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5000

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Time-->

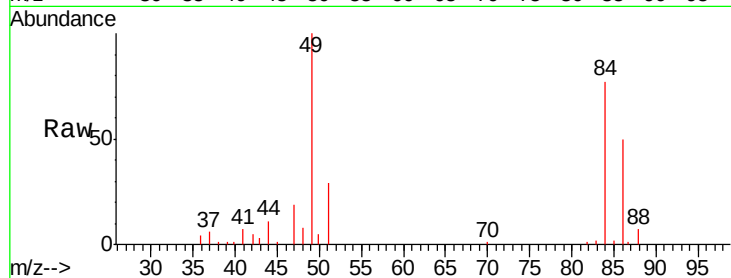




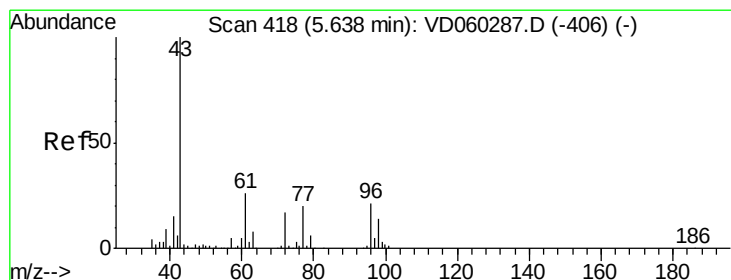
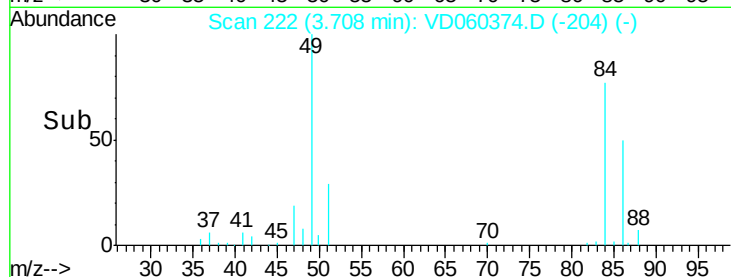
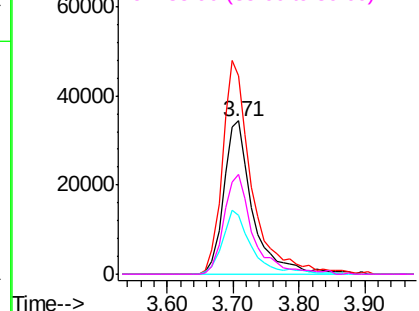
#20
Methylene Chloride
Concen: 6.37 ug/l
RT: 3.71 min Scan# 222
Delta R.T. -0.02 min
Lab File: VD060374.D
Acq: 14 Nov 2018 12:48

Instrument :
MSVOA_D
ClientSampleId :
OR-01-111218-A

Tgt Ion:	84	Resp:	104699
Ion	Ratio	Lower	Upper
84	100		
49	129.6	115.6	173.4
51	38.1	35.6	53.4
86	64.8	52.3	78.5

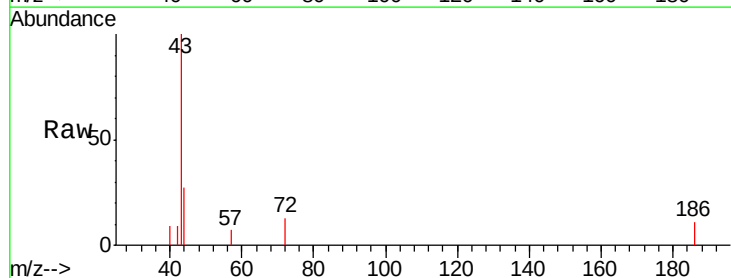


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

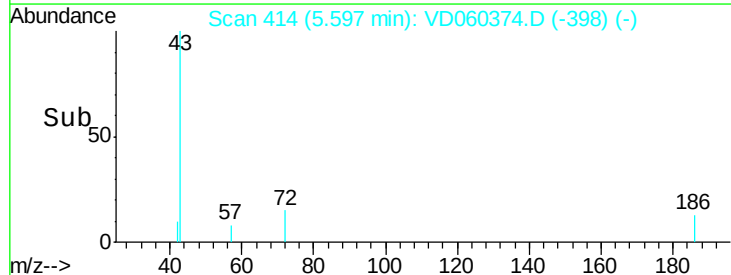
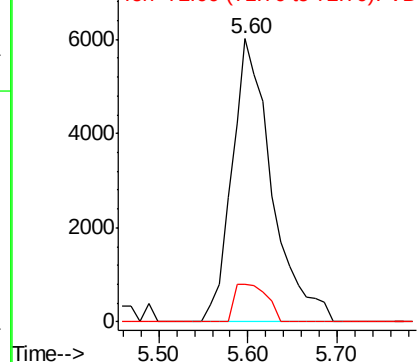


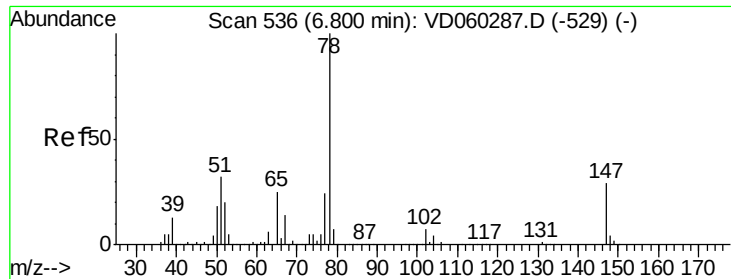
#25
2-Butanone
Concen: 4.87 ug/l
RT: 5.60 min Scan# 414
Delta R.T. -0.04 min
Lab File: VD060374.D
Acq: 14 Nov 2018 12:48

Tgt Ion:	43	Resp:	18754
Ion	Ratio	Lower	Upper
43	100		
72	13.5	13.8	20.8#



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: Below ug/l

RT: 6.77 min Scan# 533

Delta R.T. -0.03 min

Lab File: VD060374.D

Acq: 14 Nov 2018 12:48

Instrument :

MSVOA_D

ClientSampleId :

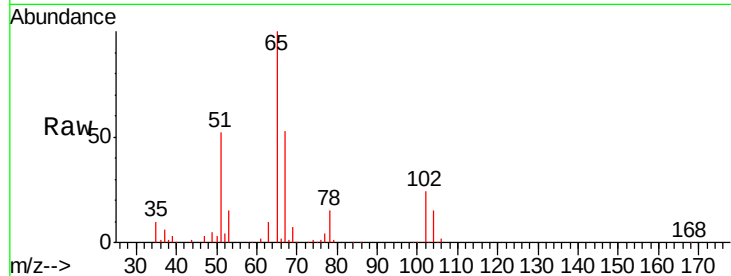
OR-01-111218-A

Tgt Ion: 65 Resp: 514253

Ion Ratio Lower Upper

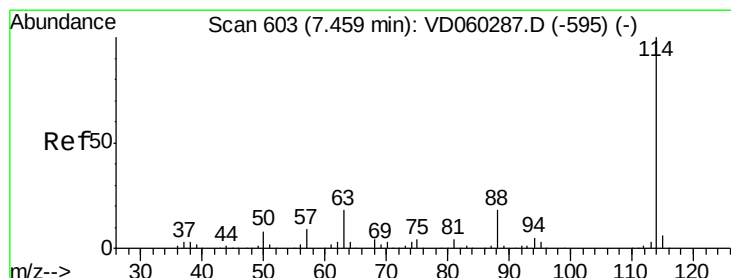
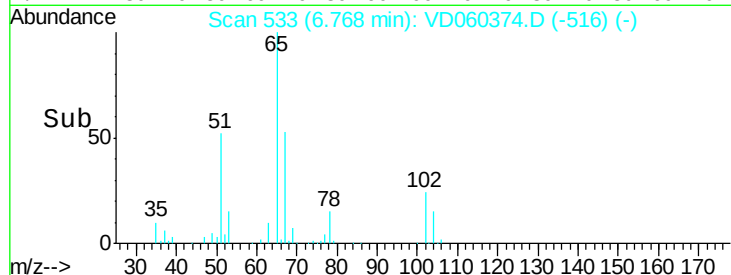
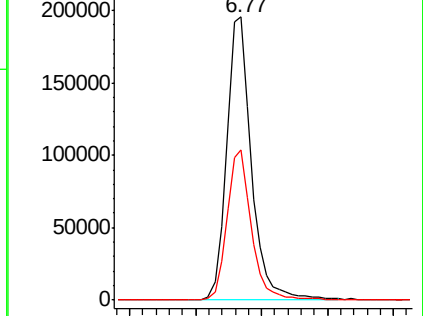
65 100

67 53.0 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: 50.00 ug/l

RT: 7.43 min Scan# 600

Delta R.T. -0.03 min

Lab File: VD060374.D

Acq: 14 Nov 2018 12:48

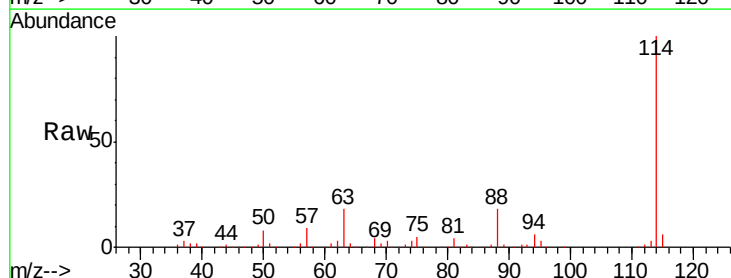
Tgt Ion: 114 Resp: 2054997

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.0

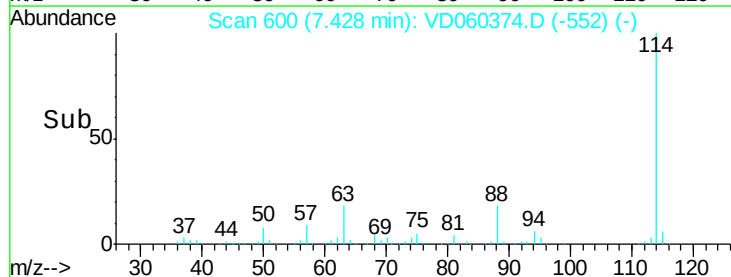
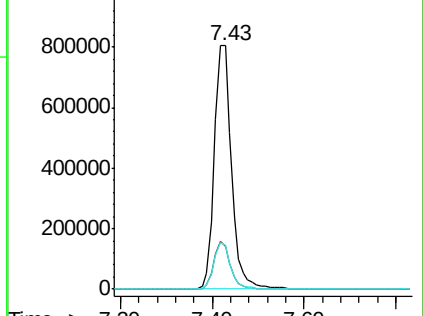
88 18.2 0.0 35.4

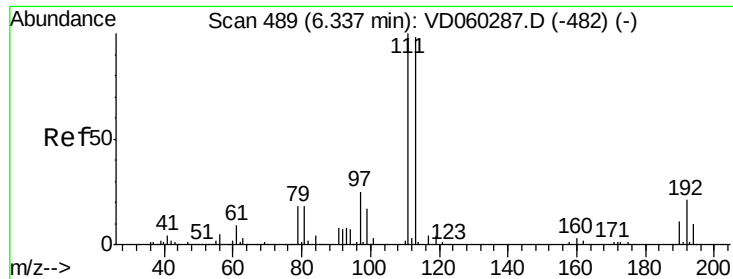


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

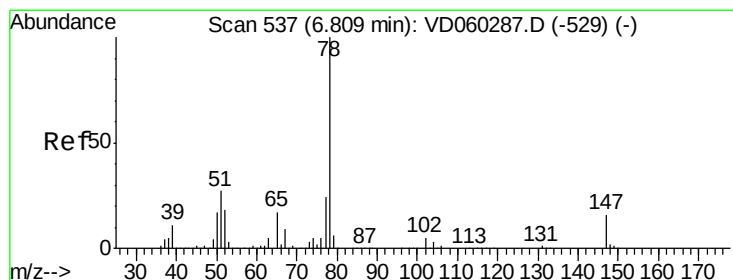
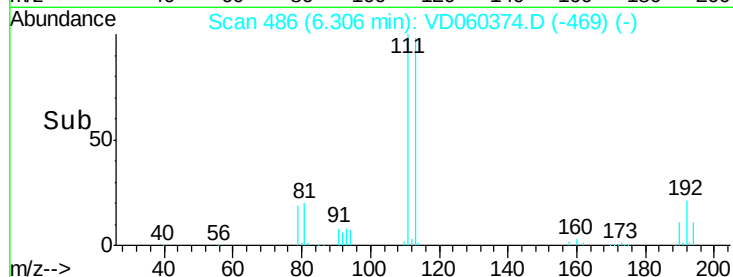
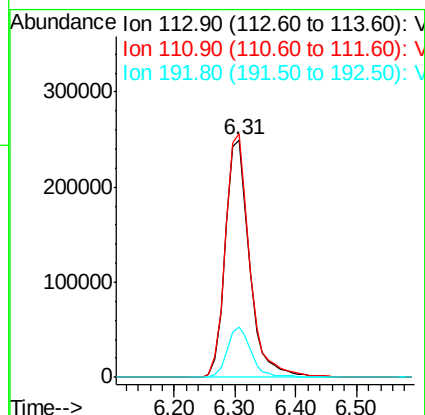
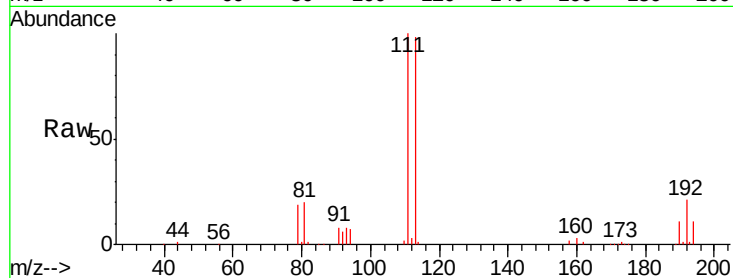




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.31 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: VD060374.D
 Acq: 14 Nov 2018 12:48

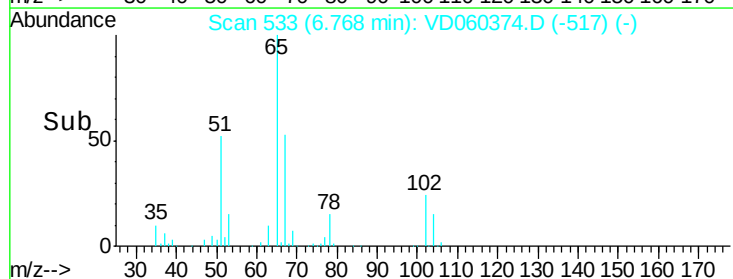
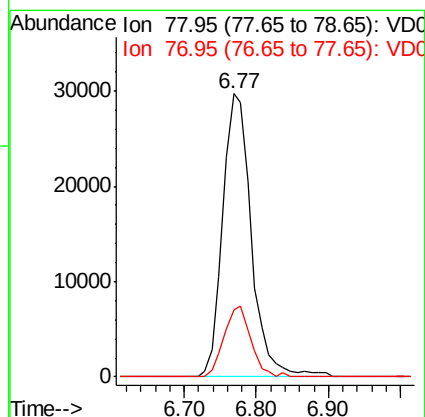
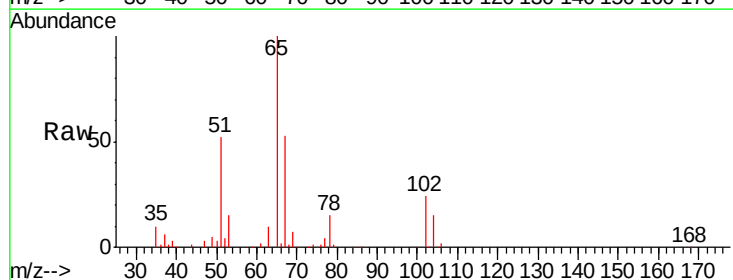
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-01-111218-A

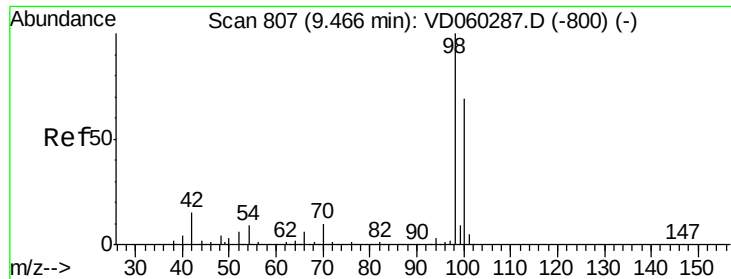
Tgt Ion: 113 Resp: 696890
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.6 122.4
 192 21.5 16.5 24.7



#40
 Benzene
 Concen: 1.57 ug/l
 RT: 6.77 min Scan# 533
 Delta R.T. -0.04 min
 Lab File: VD060374.D
 Acq: 14 Nov 2018 12:48

Tgt Ion: 78 Resp: 81603
 Ion Ratio Lower Upper
 78 100
 77 23.8 18.8 28.2





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.44 min Scan# 804

Delta R.T. -0.03 min

Lab File: VD060374.D

Acq: 14 Nov 2018 12:48

Instrument :

MSVOA_D

ClientSampleId :

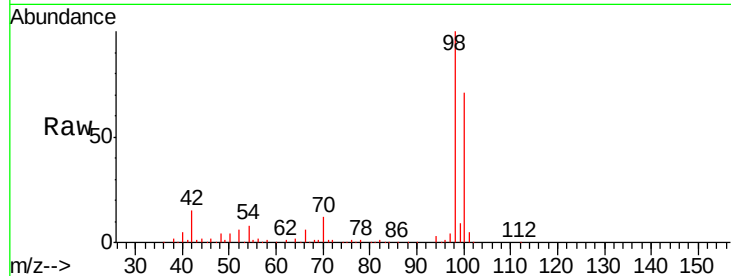
OR-01-111218-A

Tgt Ion: 98 Resp: 1231568

Ion Ratio Lower Upper

98 100

100 70.6 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

9.44

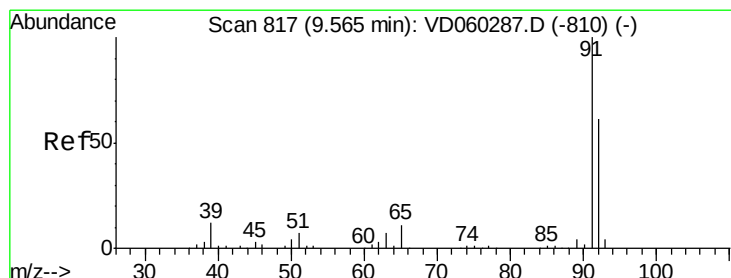
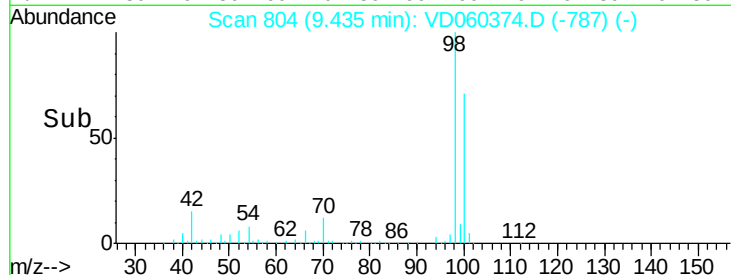
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 1.59 ug/l

RT: 9.52 min Scan# 813

Delta R.T. -0.04 min

Lab File: VD060374.D

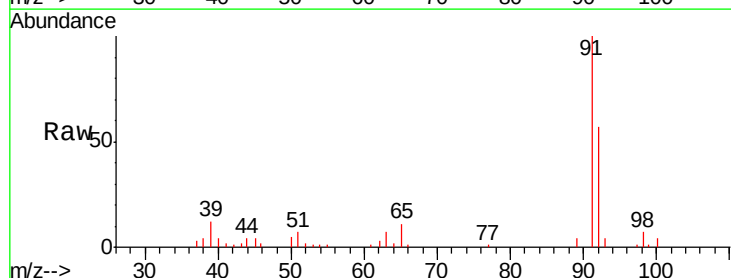
Acq: 14 Nov 2018 12:48

Tgt Ion: 92 Resp: 52777

Ion Ratio Lower Upper

92 100

91 176.6 131.9 197.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

9.52

40000

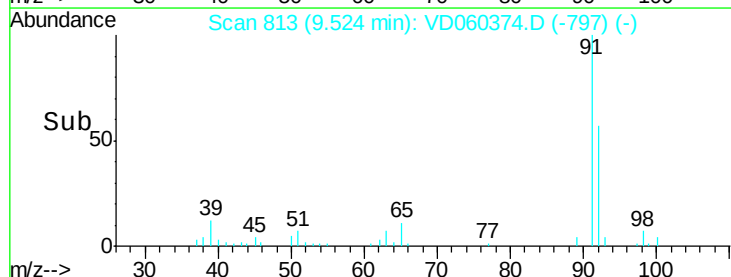
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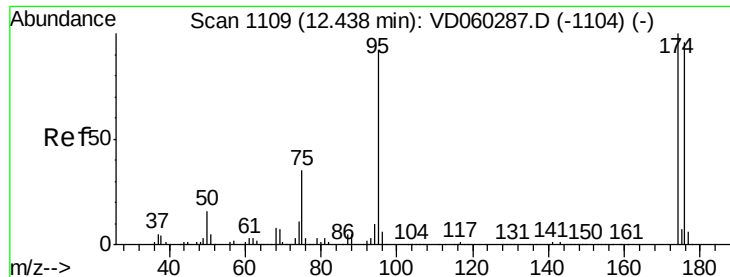
20000

10000

0

Time-->





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.02 min

Lab File: VD060374.D

Acq: 14 Nov 2018 12:48

Instrument :

MSVOA_D

ClientSampleId :

OR-01-111218-A

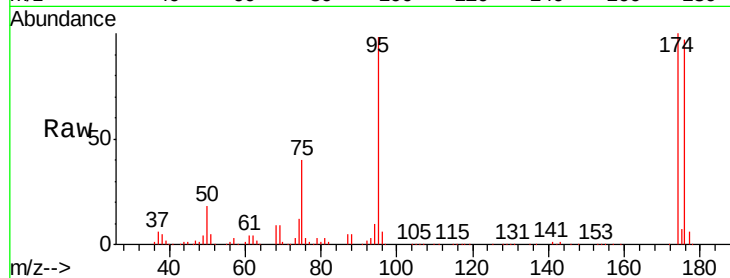
Tgt Ion: 95 Resp: 508171

Ion Ratio Lower Upper

95 100

174 101.7 0.0 160.8

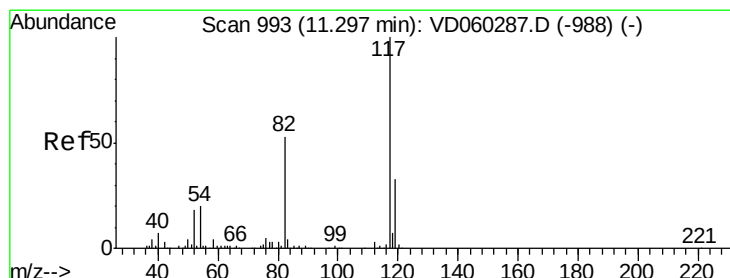
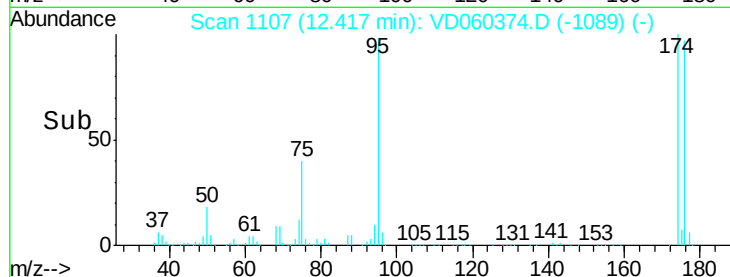
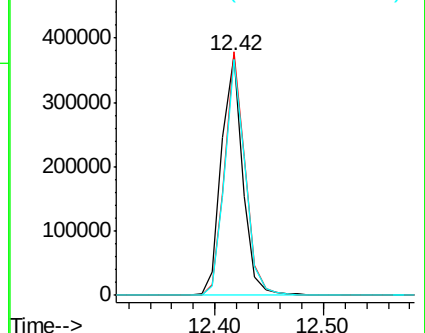
176 98.4 0.0 154.6



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: 50.00 ug/l

RT: 11.27 min Scan# 990

Delta R.T. -0.03 min

Lab File: VD060374.D

Acq: 14 Nov 2018 12:48

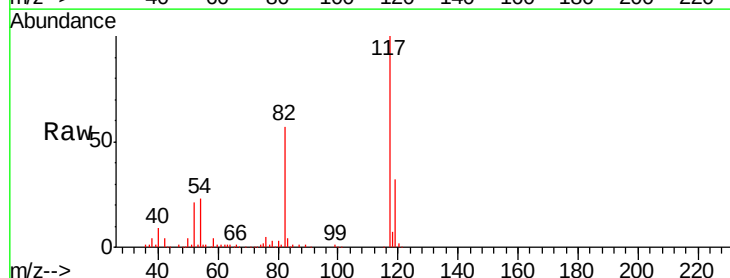
Tgt Ion: 117 Resp: 1310412

Ion Ratio Lower Upper

117 100

82 56.9 43.7 65.5

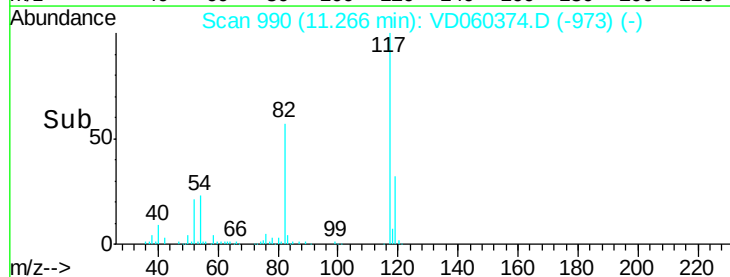
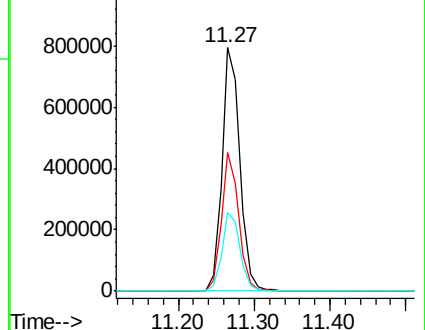
119 32.1 26.1 39.1

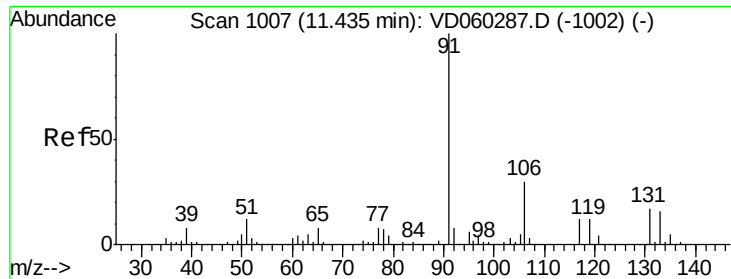


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

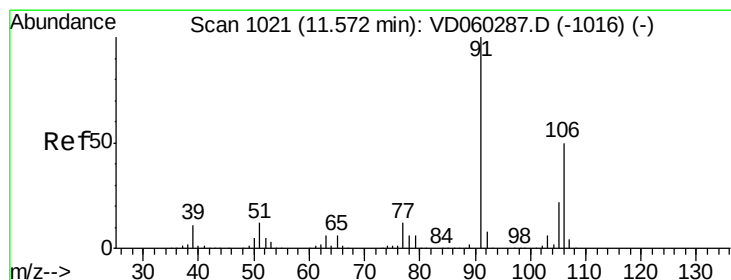
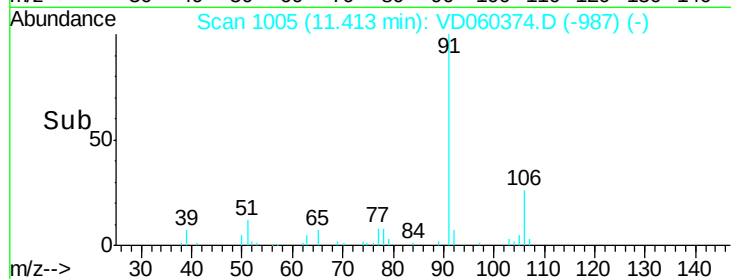
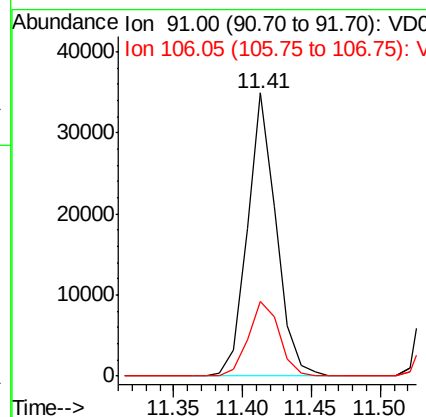
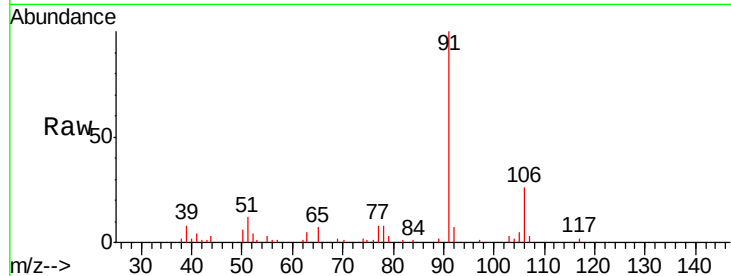




#67
Ethyl Benzene
Concen: 1.04 ug/l
RT: 11.41 min Scan# 1005
Delta R.T. -0.02 min
Lab File: VD060374.D
Acq: 14 Nov 2018 12:48

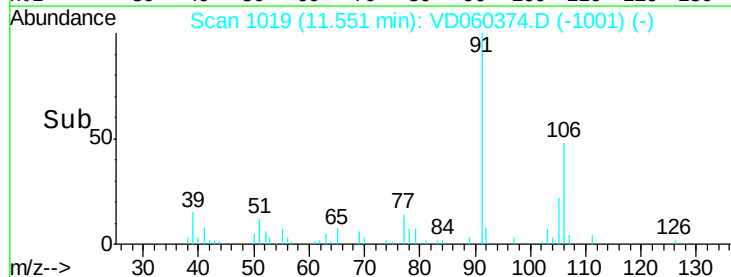
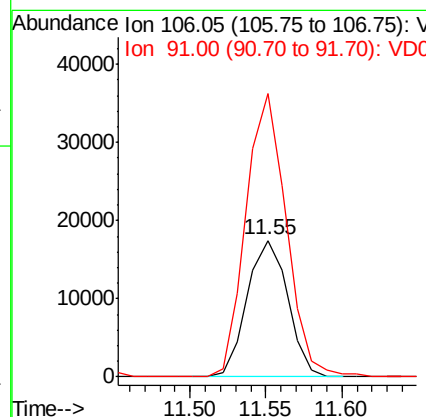
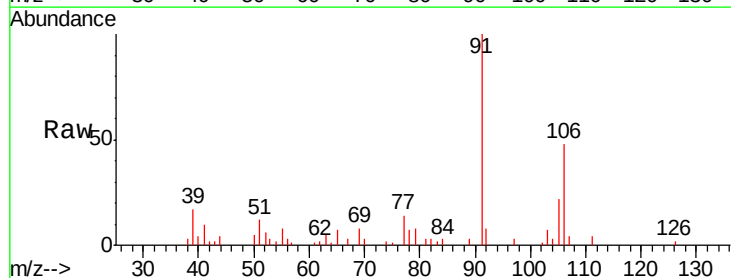
Instrument :
MSVOA_D
ClientSampleId :
OR-01-111218-A

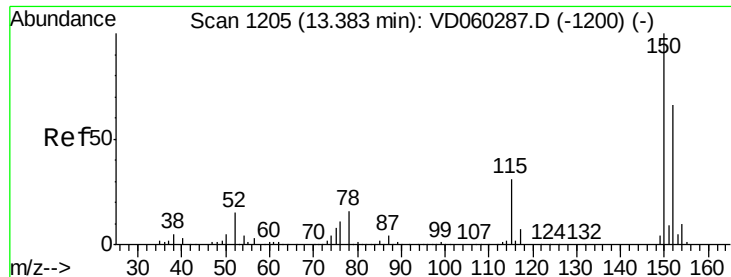
Tgt Ion: 91 Resp: 50616
Ion Ratio Lower Upper
91 100
106 26.4 24.6 36.8



#68
m/p-Xylenes
Concen: 1.82 ug/l
RT: 11.55 min Scan# 1019
Delta R.T. -0.02 min
Lab File: VD060374.D
Acq: 14 Nov 2018 12:48

Tgt Ion: 106 Resp: 32684
Ion Ratio Lower Upper
106 100
91 206.9 159.4 239.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.36 min Scan# 1203

Delta R.T. -0.02 min

Lab File: VD060374.D

Acq: 14 Nov 2018 12:48

Instrument :

MSVOA_D

ClientSampleId :

OR-01-111218-A

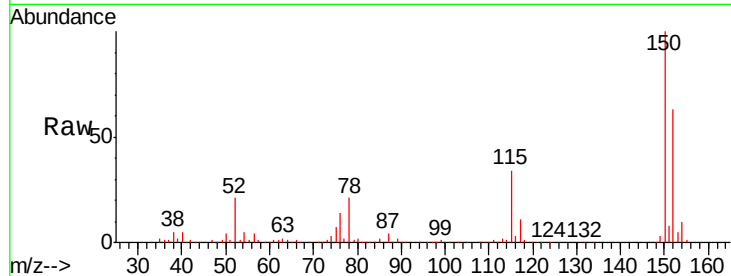
Tgt Ion:152 Resp: 529767

Ion Ratio Lower Upper

152 100

115 52.9 24.1 72.3

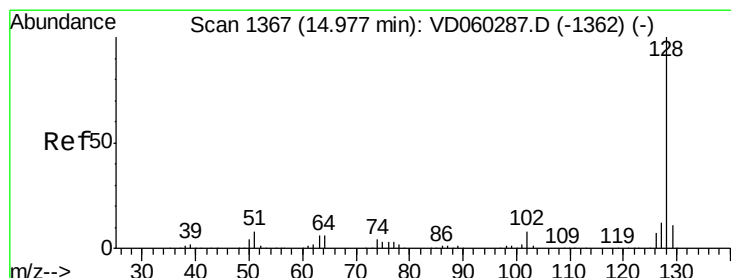
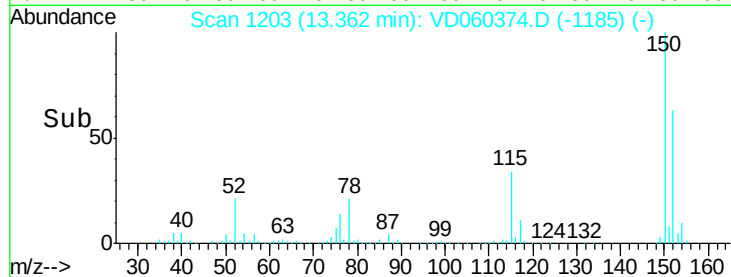
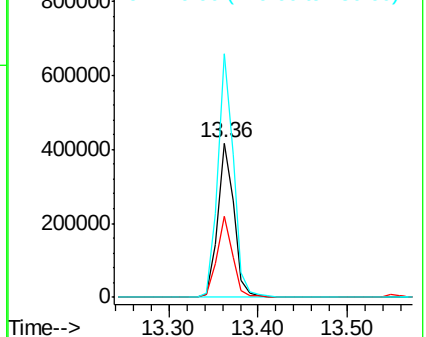
150 157.7 0.0 310.6



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



#95

Naphthalene

Concen: 11.38 ug/l

RT: 14.96 min Scan# 1365

Delta R.T. -0.02 min

Lab File: VD060374.D

Acq: 14 Nov 2018 12:48

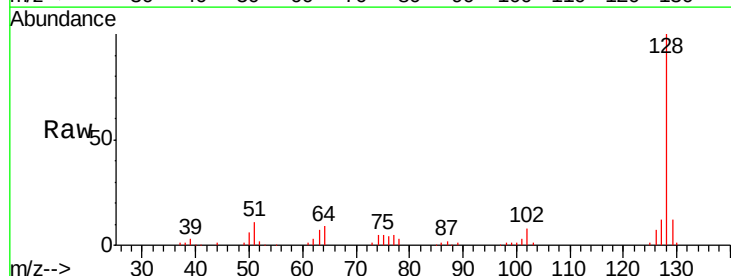
Tgt Ion:128 Resp: 165118

Ion Ratio Lower Upper

128 100

127 12.1 9.6 14.4

129 11.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

