

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112118\
 Data File : VD060444.D
 Acq On : 21 Nov 2018 16:01
 Operator : JC/SY
 Sample : J5765-03
 Misc : 5.58g/5ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-112018

Quant Time: Nov 22 03:53:49 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	950194	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.45	114	1459416	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	809593	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	228175	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.79	65	332718	48.90	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	97.80%	
35) Dibromofluoromethane	6.32	113	492675	45.27	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	90.54%	
50) Toluene-d8	9.45	98	983415	30.88	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	61.76%	
62) 4-Bromofluorobenzene	12.43	95	250507	21.71	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	43.42%	

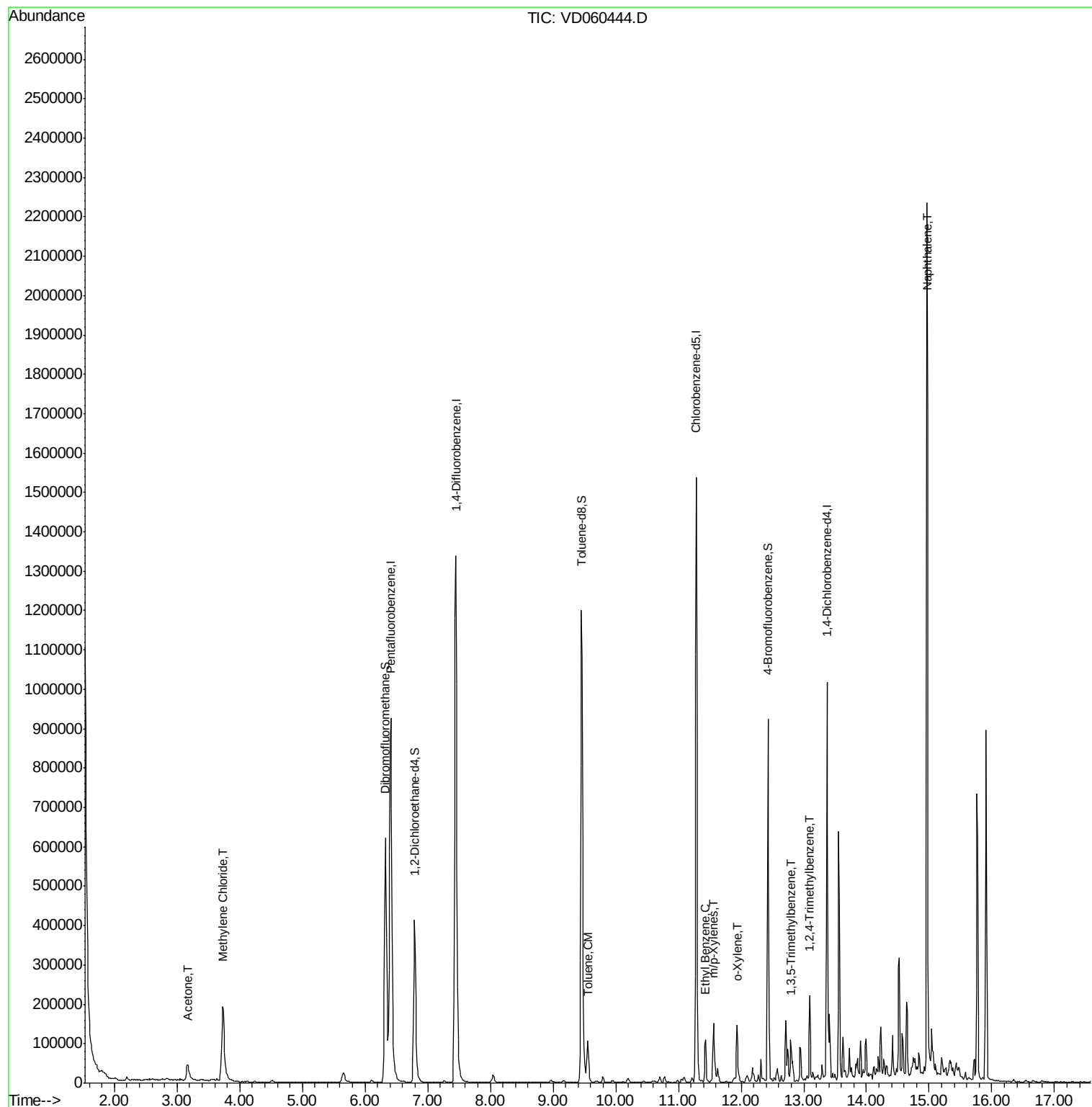
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.17	43	91027	77.13	ug/l	# 87
20) Methylene Chloride	3.73	84	130899	12.50	ug/l	96
52) Toluene	9.55	92	54922	2.34	ug/l	96
67) Ethyl Benzene	11.43	91	75993	2.53	ug/l	100
68) m/p-Xylenes	11.56	106	44099	3.98	ug/l	94
69) o-Xylene	11.93	106	31384	2.93	ug/l	96
80) 1,3,5-Trimethylbenzene	12.79	105	44292	3.43	ug/l	90
84) 1,2,4-Trimethylbenzene	13.10	105	90415	7.01	ug/l	99
95) Naphthalene	14.97	128	1401981	224.41	ug/l	99

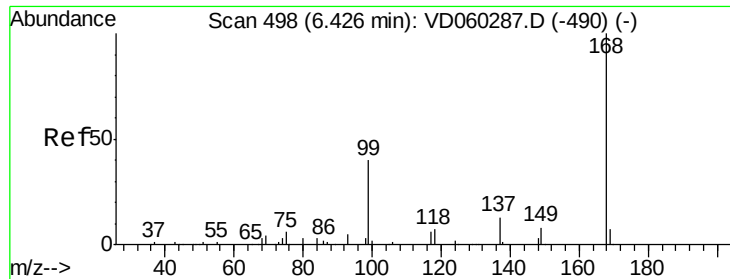
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD112118\
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Quant Title : SW846 8260
QLast Update : Mon Nov 19 16:31:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060444.D

Acq: 21 Nov 2018 16:01

Instrument :

MSVOA_D

ClientSampleId :

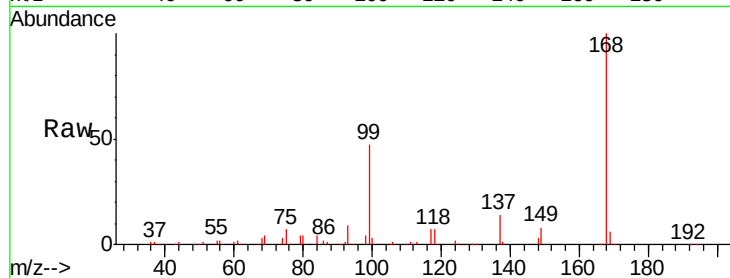
NB-08-112018

Tgt Ion:168 Resp: 950194

Ion Ratio Lower Upper

168 100

99 47.0 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

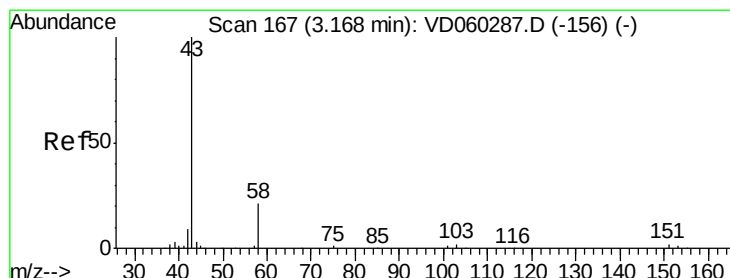
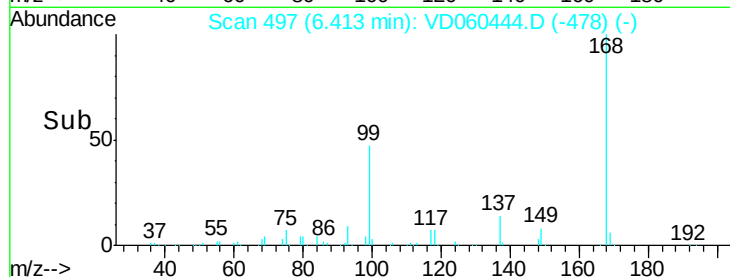
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 77.13 ug/l

RT: 3.17 min Scan# 167

Delta R.T. -0.00 min

Lab File: VD060444.D

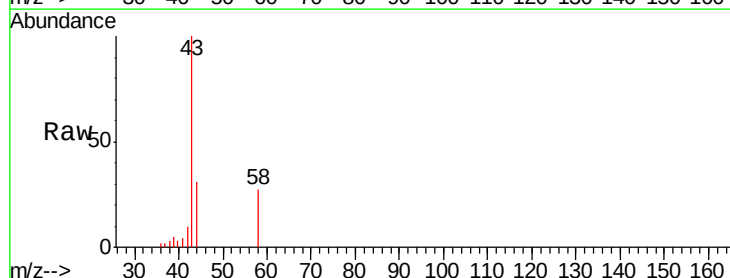
Acq: 21 Nov 2018 16:01

Tgt Ion: 43 Resp: 91027

Ion Ratio Lower Upper

43 100

58 27.0 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

30000

25000

20000

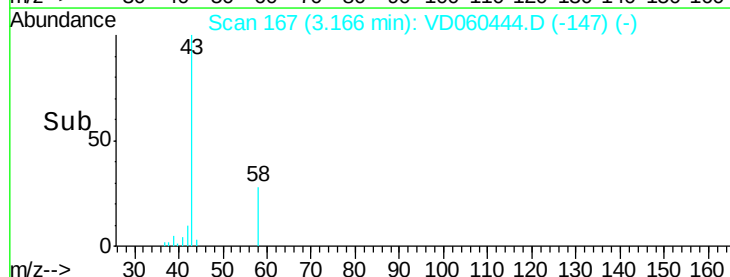
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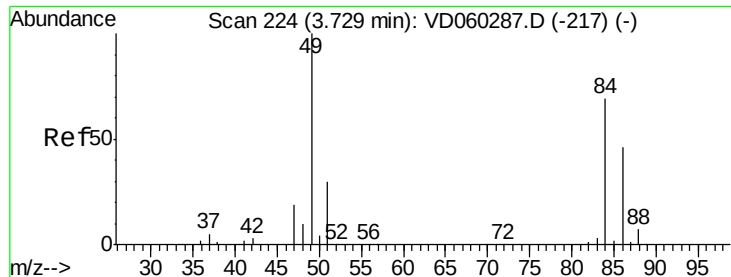
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5000

0

Time-->

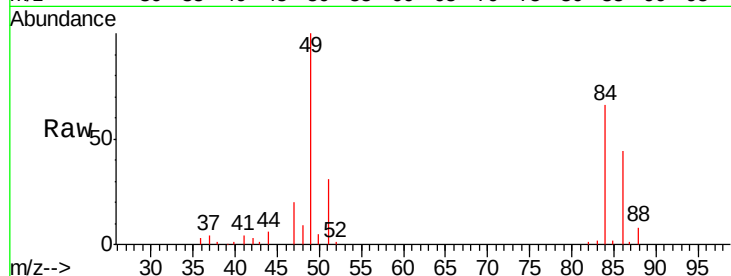




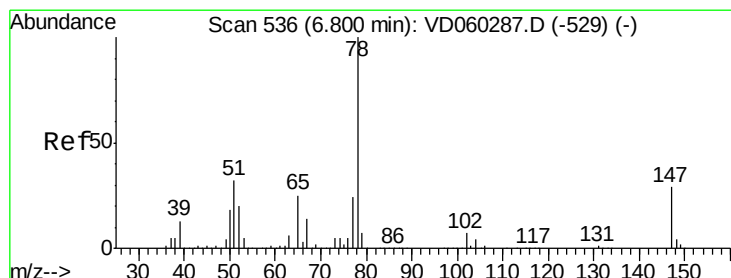
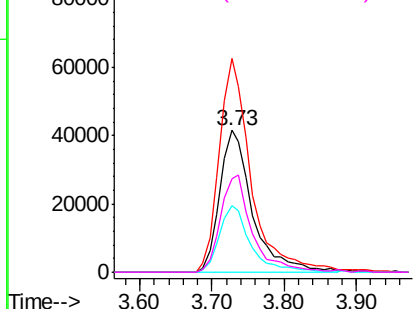
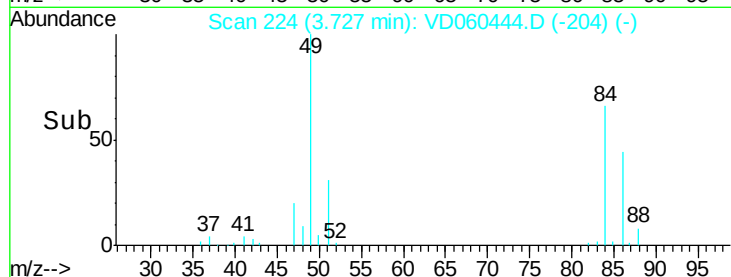
#20
Methylene Chloride
Concen: 12.50 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.00 min
Lab File: VD060444.D
Acq: 21 Nov 2018 16:01

Instrument :
MSVOA_D
ClientSampleId :
NB-08-112018

Tgt Ion: 84 Resp: 130899
Ion Ratio Lower Upper
84 100
49 150.7 115.6 173.4
51 47.0 35.6 53.4
86 65.8 52.3 78.5

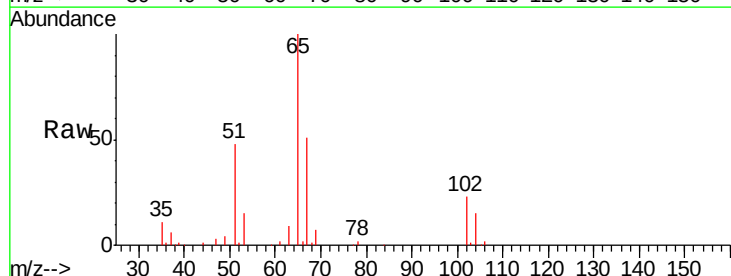


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

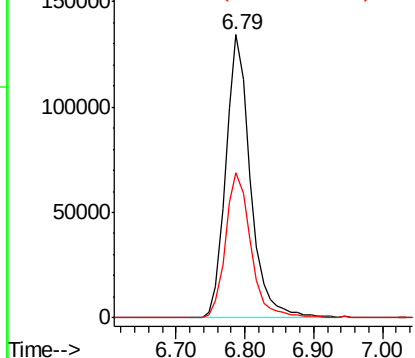
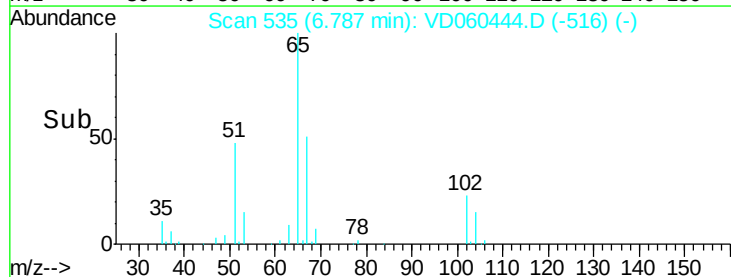


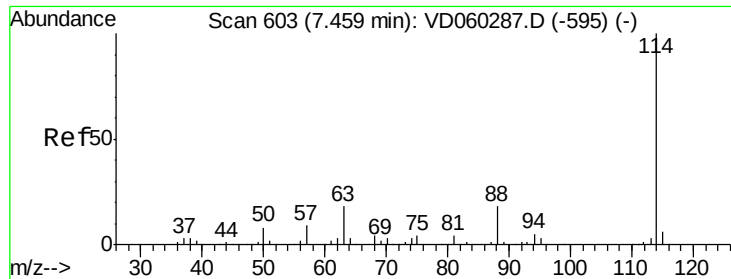
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060444.D
Acq: 21 Nov 2018 16:01

Tgt Ion: 65 Resp: 332718
Ion Ratio Lower Upper
65 100
67 51.2 0.0 109.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

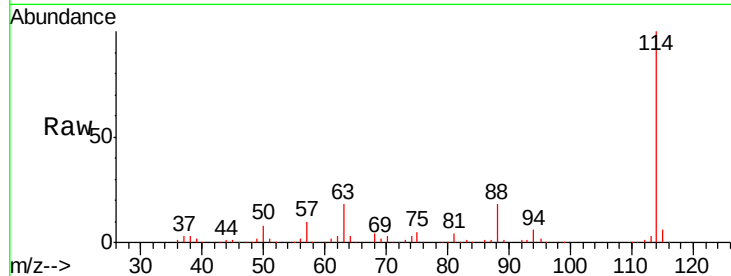




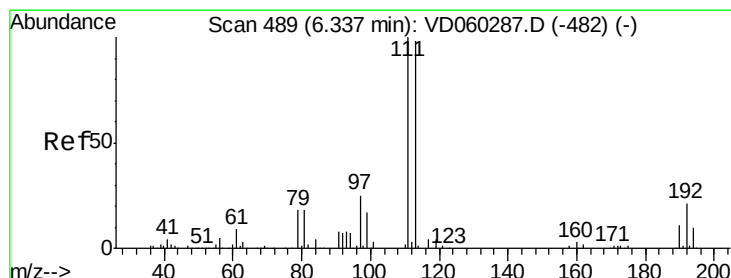
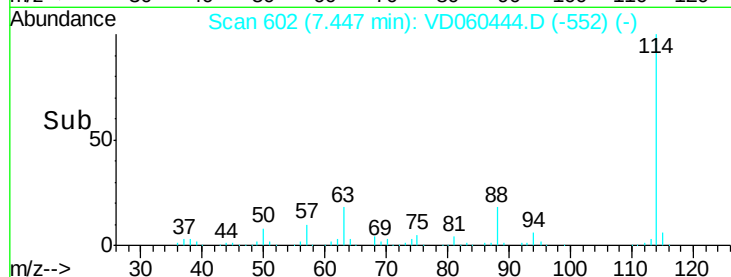
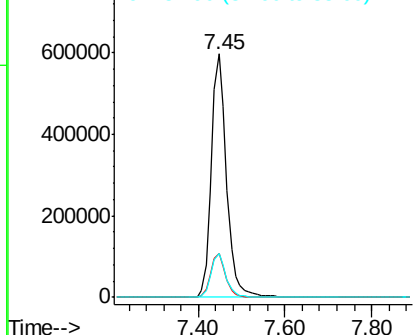
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060444.D
 Acq: 21 Nov 2018 16:01

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-112018

Tgt Ion:114 Resp: 1459416
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 34.0
 88 17.9 0.0 35.4

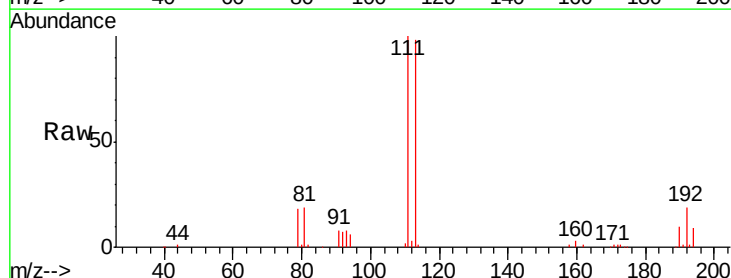


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

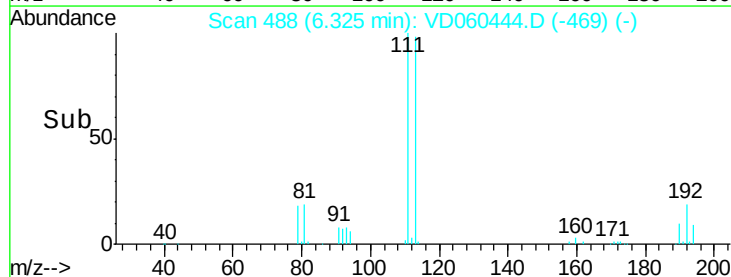
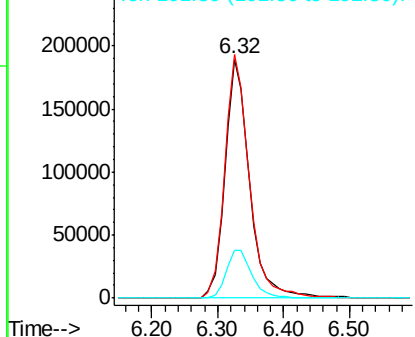


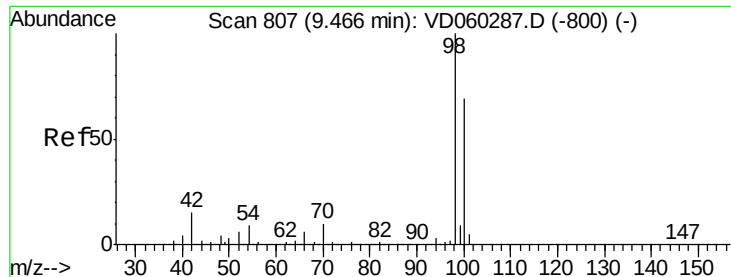
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.32 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VD060444.D
 Acq: 21 Nov 2018 16:01

Tgt Ion:113 Resp: 492675
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.6 122.4
 192 19.8 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

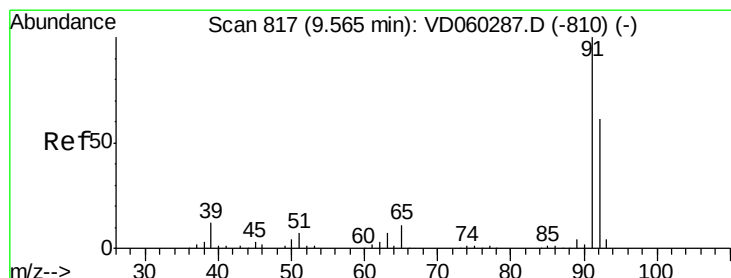
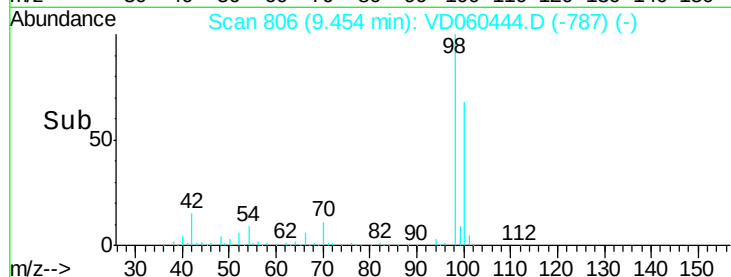
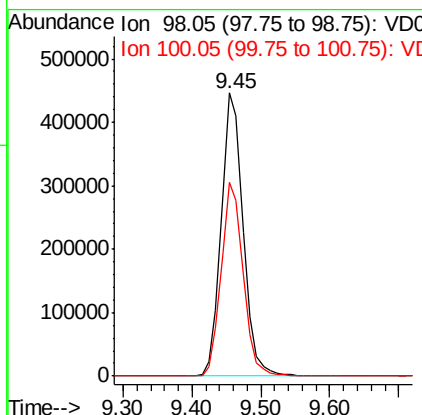
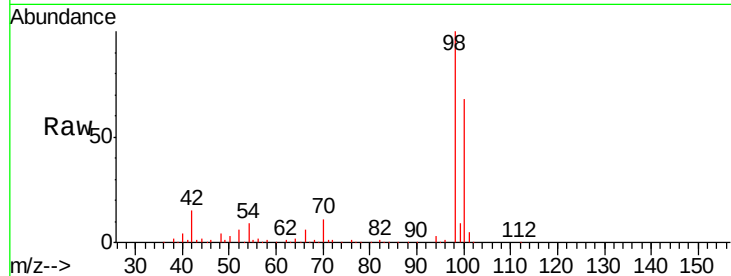




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. -0.01 min
Lab File: VD060444.D
Acq: 21 Nov 2018 16:01

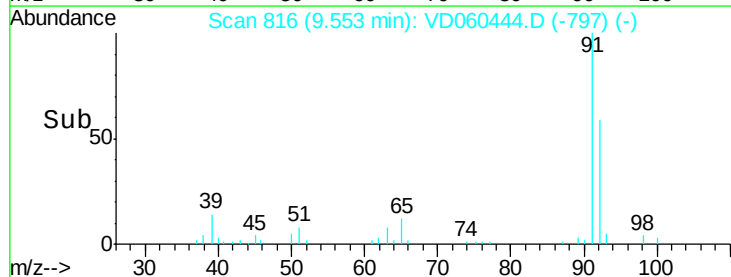
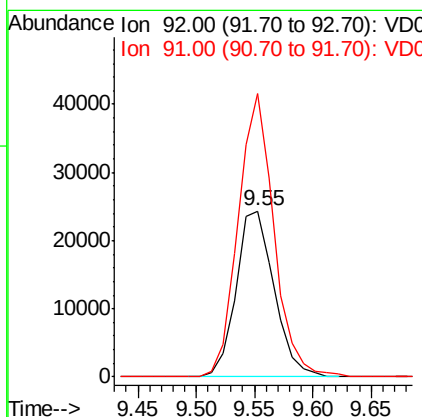
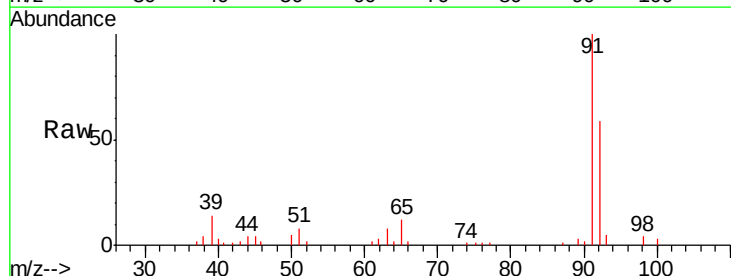
Instrument :
MSVOA_D
ClientSampleId :
NB-08-112018

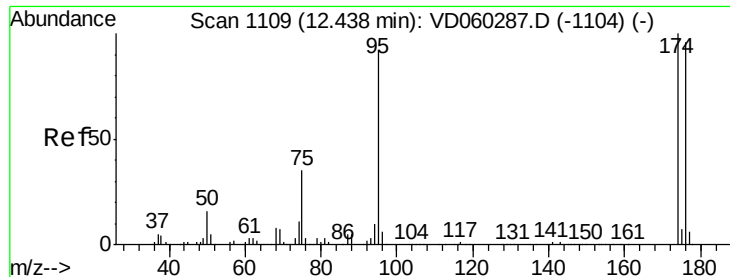
Tgt Ion: 98 Resp: 983415
Ion Ratio Lower Upper
98 100
100 68.5 55.2 82.8



#52
Toluene
Concen: 2.34 ug/l
RT: 9.55 min Scan# 816
Delta R.T. -0.01 min
Lab File: VD060444.D
Acq: 21 Nov 2018 16:01

Tgt Ion: 92 Resp: 54922
Ion Ratio Lower Upper
92 100
91 170.4 131.9 197.9





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060444.D

Acq: 21 Nov 2018 16:01

Instrument :

MSVOA_D

ClientSampleId :

NB-08-112018

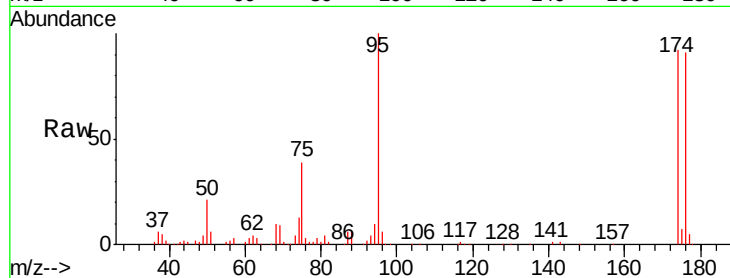
Tgt Ion: 95 Resp: 250507

Ion Ratio Lower Upper

95 100

174 92.1 0.0 160.8

176 90.9 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

250000

200000

150000

100000

50000

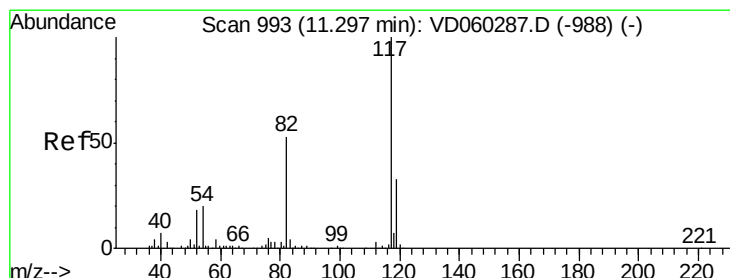
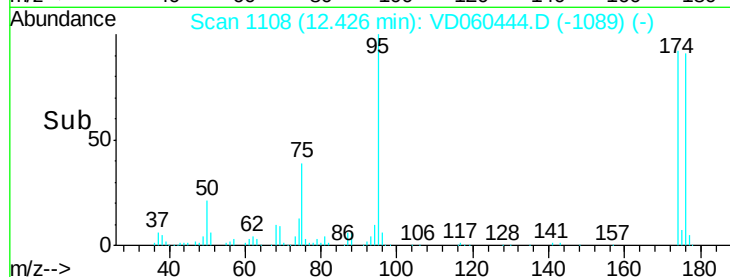
0

12.43

12.40

12.50

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.28 min Scan# 992

Delta R.T. -0.01 min

Lab File: VD060444.D

Acq: 21 Nov 2018 16:01

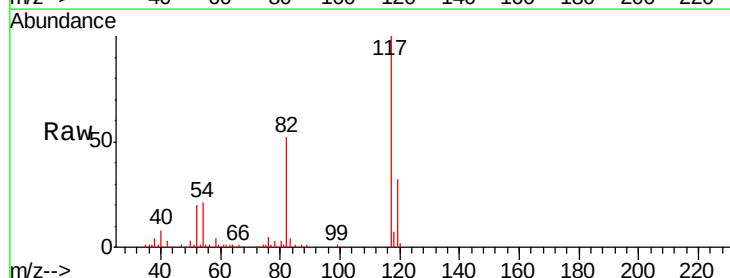
Tgt Ion: 117 Resp: 809593

Ion Ratio Lower Upper

117 100

82 52.4 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

600000

400000

200000

0

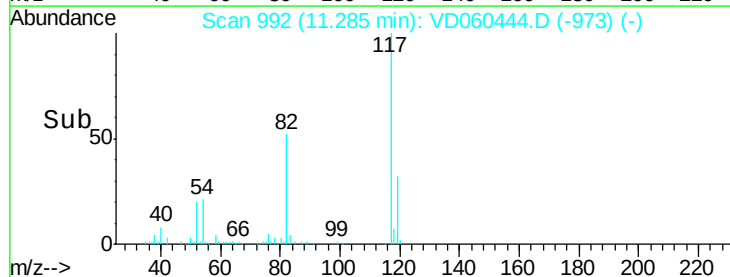
11.28

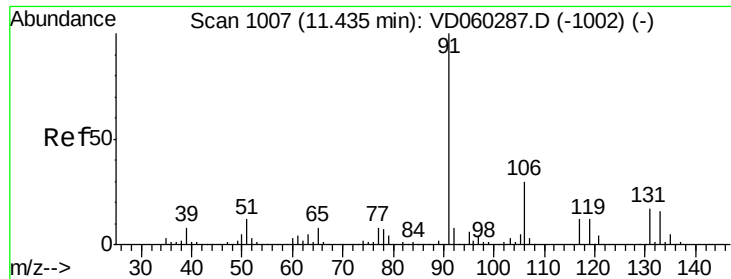
11.20

11.30

11.40

Time-->

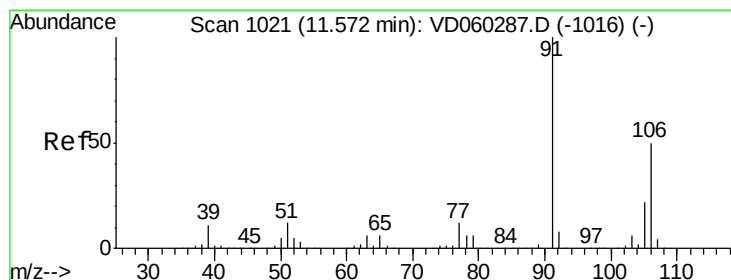
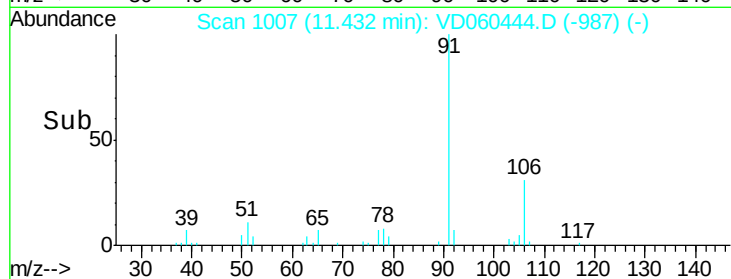
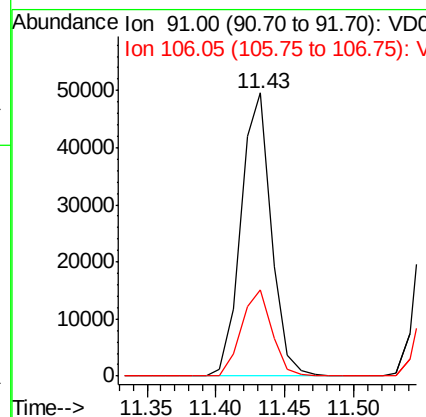
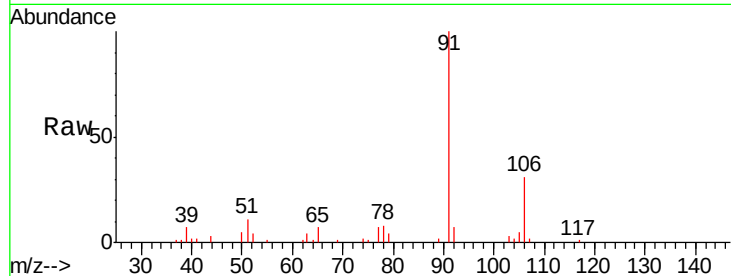




#67
Ethyl Benzene
Concen: 2.53 ug/l
RT: 11.43 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VD060444.D
Acq: 21 Nov 2018 16:01

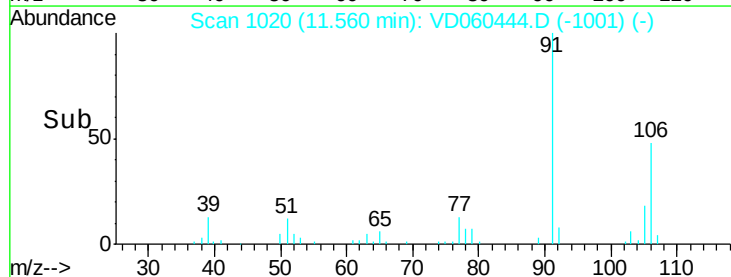
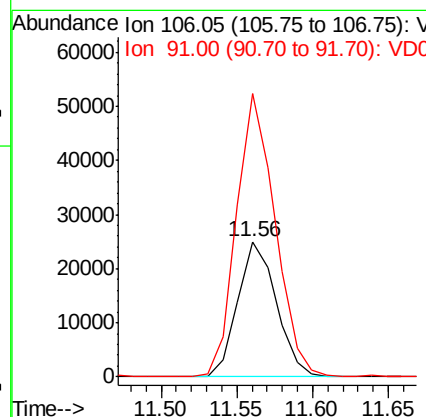
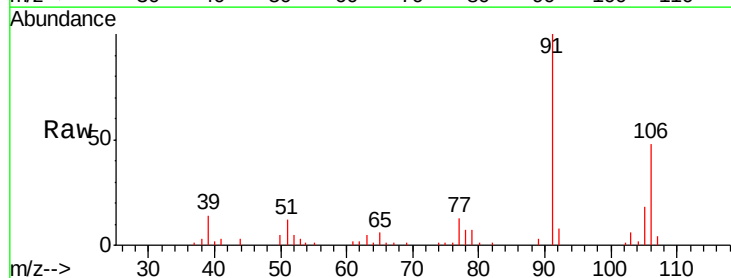
Instrument :
MSVOA_D
ClientSampled :
NB-08-112018

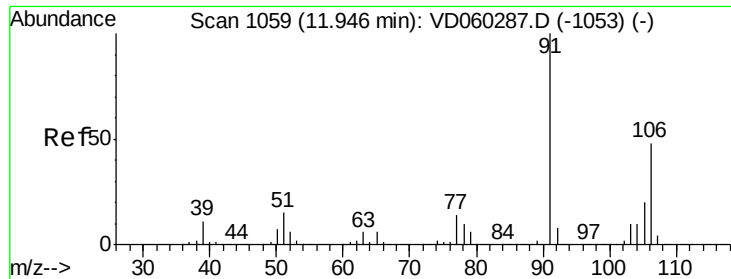
Tgt Ion: 91 Resp: 75993
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8



#68
m/p-Xylenes
Concen: 3.98 ug/l
RT: 11.56 min Scan# 1020
Delta R.T. -0.01 min
Lab File: VD060444.D
Acq: 21 Nov 2018 16:01

Tgt Ion: 106 Resp: 44099
Ion Ratio Lower Upper
106 100
91 209.0 159.4 239.2

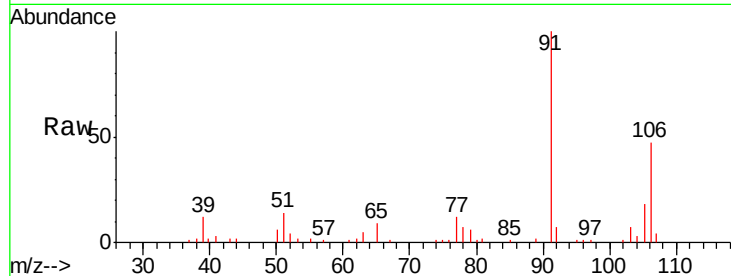




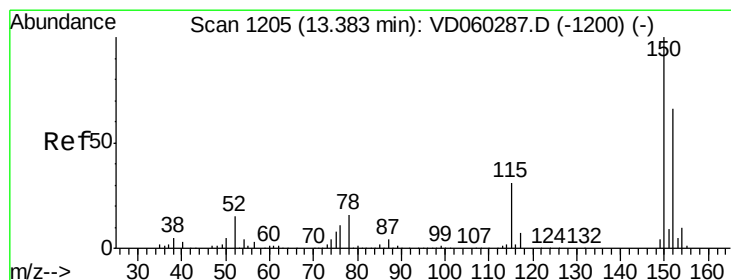
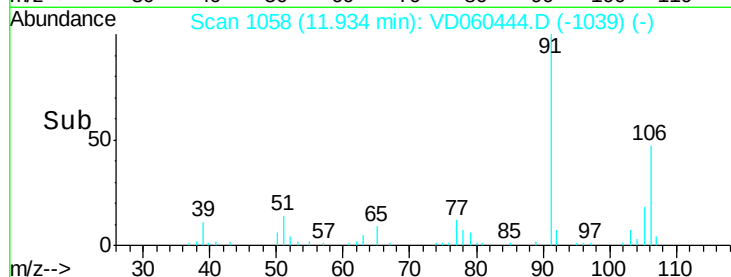
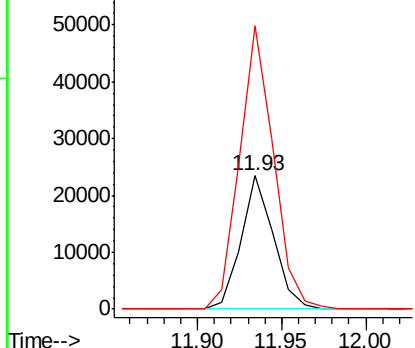
#69
o-Xylene
Concen: 2.93 ug/l
RT: 11.93 min Scan# 1058
Delta R.T. -0.01 min
Lab File: VD060444.D
Acq: 21 Nov 2018 16:01

Instrument :
MSVOA_D
ClientSampleId :
NB-08-112018

Tgt Ion:106 Resp: 31384
Ion Ratio Lower Upper
106 100
91 212.2 109.2 327.6

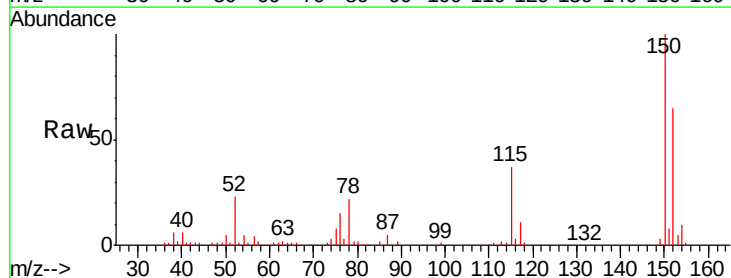


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

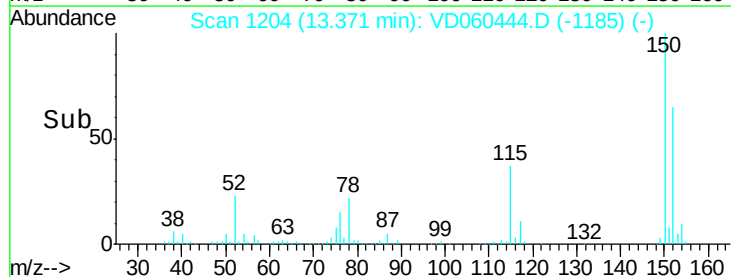
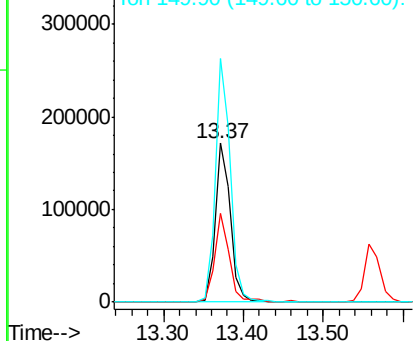


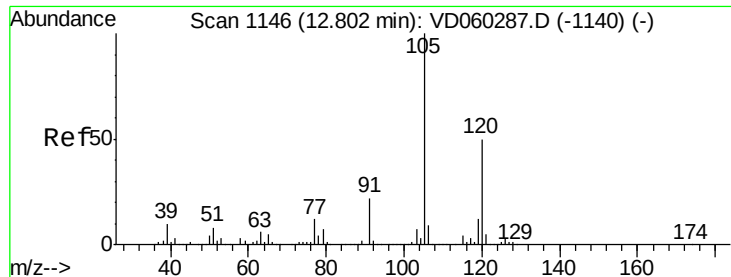
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060444.D
Acq: 21 Nov 2018 16:01

Tgt Ion:152 Resp: 228175
Ion Ratio Lower Upper
152 100
115 56.2 24.1 72.3
150 153.4 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





#80

1,3,5-Trimethylbenzene

Concen: 3.43 ug/l

RT: 12.79 min Scan# 1145

Delta R.T. -0.01 min

Lab File: VD060444.D

Acq: 21 Nov 2018 16:01

Instrument :

MSVOA_D

ClientSampleId :

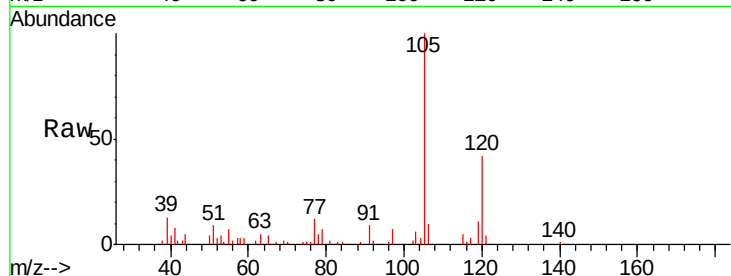
NB-08-112018

Tgt Ion:105 Resp: 44292

Ion Ratio Lower Upper

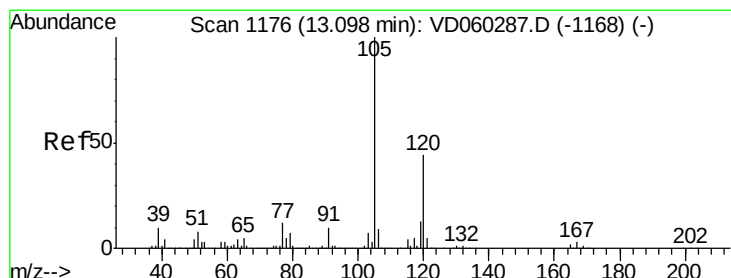
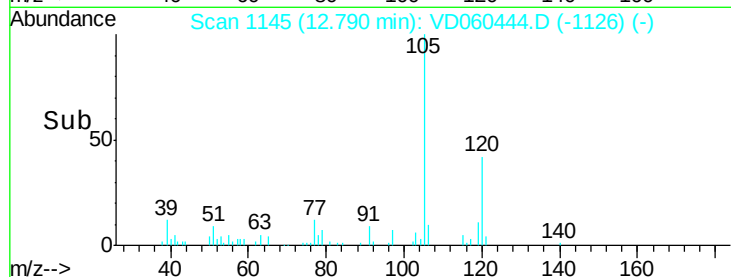
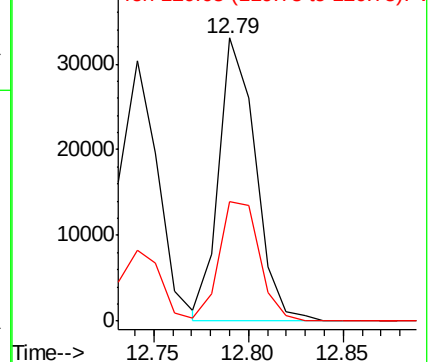
105 100

120 42.3 24.4 73.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#84

1,2,4-Trimethylbenzene

Concen: 7.01 ug/l

RT: 13.10 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VD060444.D

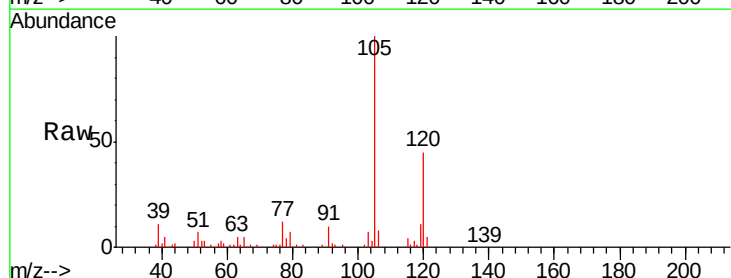
Acq: 21 Nov 2018 16:01

Tgt Ion:105 Resp: 90415

Ion Ratio Lower Upper

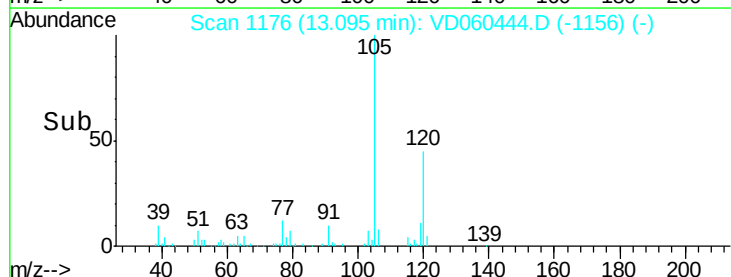
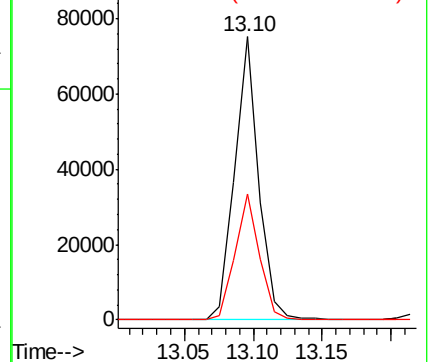
105 100

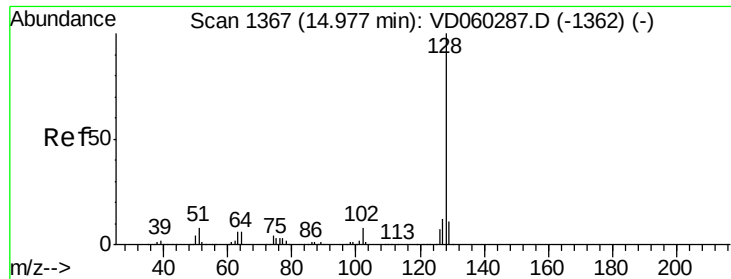
120 44.6 21.9 65.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

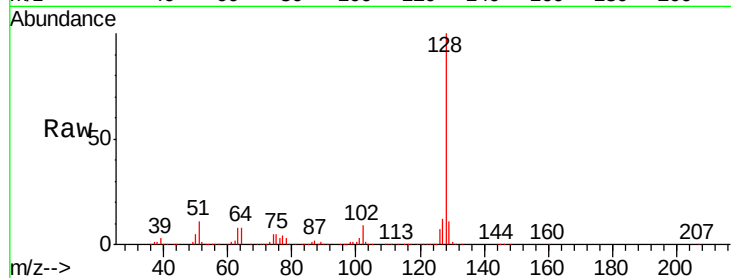




#95
Naphthalene
Concen: 224.41 ug/l
RT: 14.97 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VD060444.D
Acq: 21 Nov 2018 16:01

Instrument :
MSVOA_D
ClientSampleId :
NB-08-112018

Tgt Ion:128 Resp: 1401981
Ion Ratio Lower Upper
128 100
127 12.2 9.6 14.4
129 11.4 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

