

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102518\
 Data File : VD060209.D
 Acq On : 25 Oct 2018 21:52
 Operator : JC/SY
 Sample : J5204-13
 Misc : 5.94g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-102518-A

Quant Time: Oct 26 04:30:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

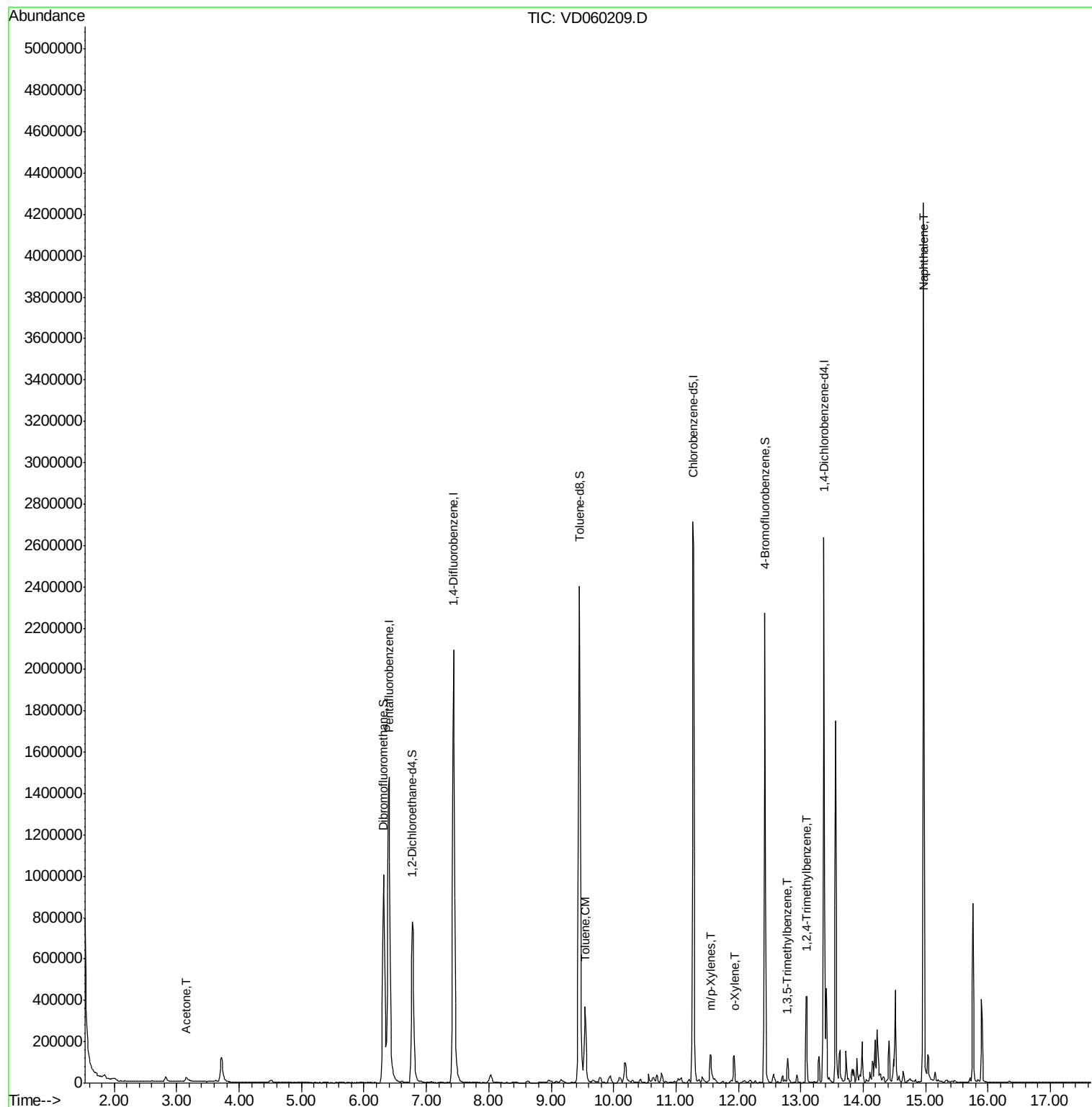
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1465551	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	2150977	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	1567350	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	585173	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	660802	59.48	ug/l	0.02
Spiked Amount 50.000			Recovery	=	118.96%	
35) Dibromofluoromethane	6.31	113	789580	48.34	ug/l	0.02
Spiked Amount 50.000			Recovery	=	96.68%	
50) Toluene-d8	9.45	98	1972588	42.35	ug/l	0.02
Spiked Amount 50.000			Recovery	=	84.70%	
62) 4-Bromofluorobenzene	12.43	95	620214	35.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.12%	
Target Compounds						
16) Acetone	3.16	43	40312	19.998	ug/l	99
52) Toluene	9.54	92	185387	5.353	ug/l	100
68) m/p-Xylenes	11.55	106	37305	1.817	ug/l	98
69) o-Xylene	11.93	106	30822	1.518	ug/l	99
80) 1,3,5-Trimethylbenzene	12.79	105	48332	1.618	ug/l	90
84) 1,2,4-Trimethylbenzene	13.09	105	212634	6.752	ug/l	99
95) Naphthalene	14.96	128	2444830	118.239	ug/l	100

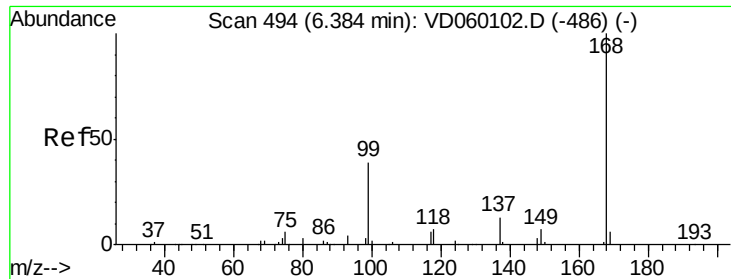
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102518\
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SU-01-102518-A

Quant Time: Oct 26 04:30:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060209.D

Acq: 25 Oct 2018 21:52

Instrument :

MSVOA_D

ClientSampleId :

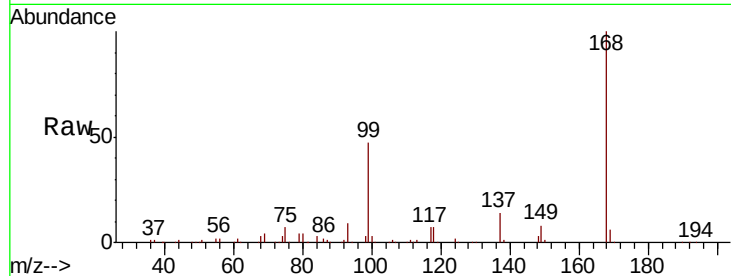
SU-01-102518-A

Tot Ion:168 Resp: 1465551

Ion Ratio Lower Upper

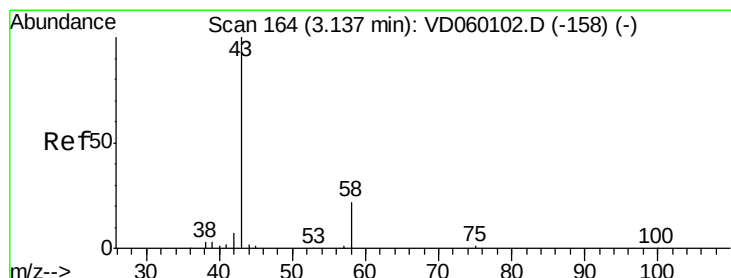
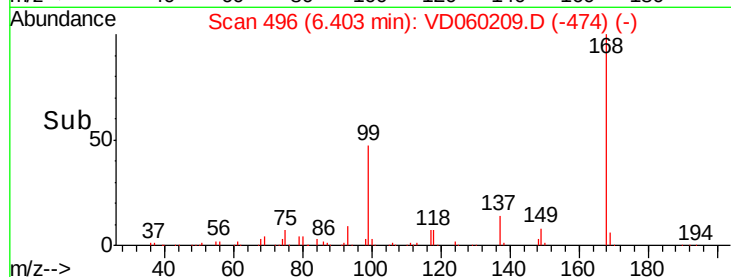
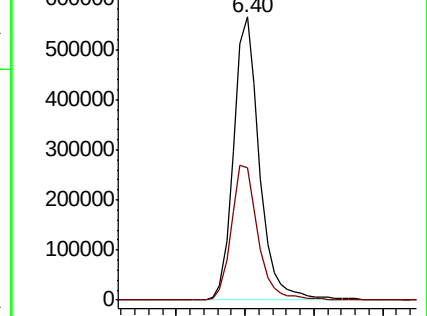
168 100

99 46.7 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 19.998 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060209.D

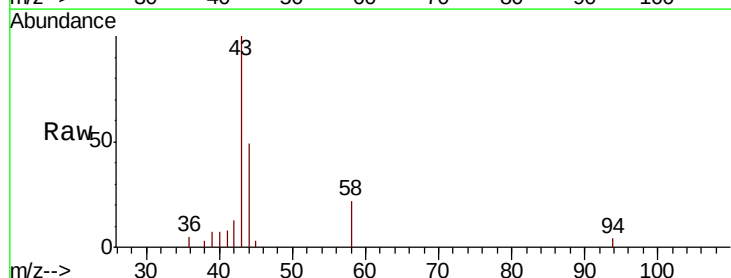
Acq: 25 Oct 2018 21:52

Tgt Ion: 43 Resp: 40312

Ion Ratio Lower Upper

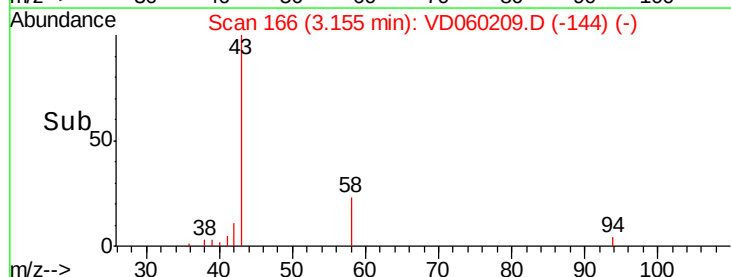
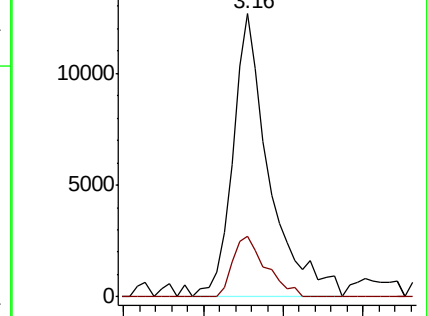
43 100

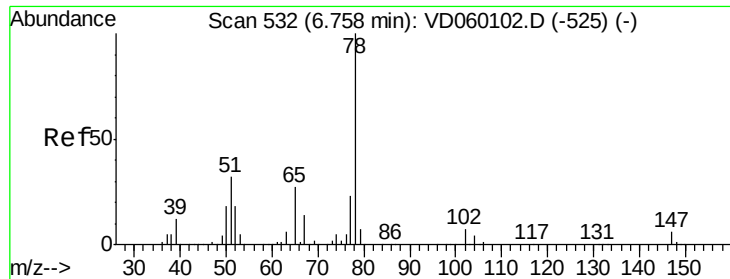
58 21.5 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

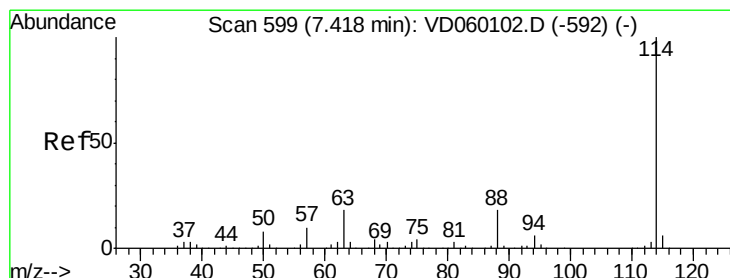
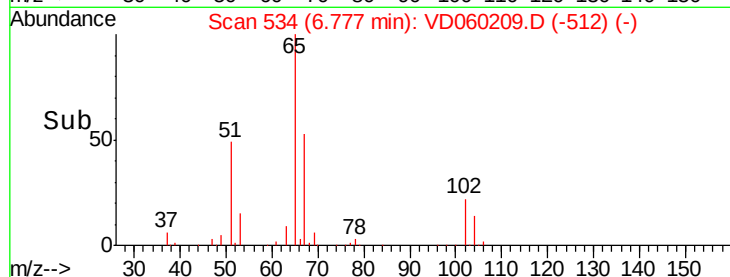
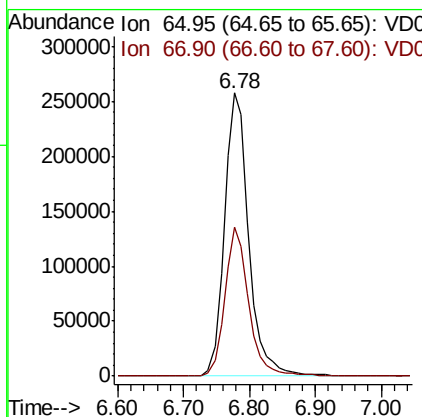
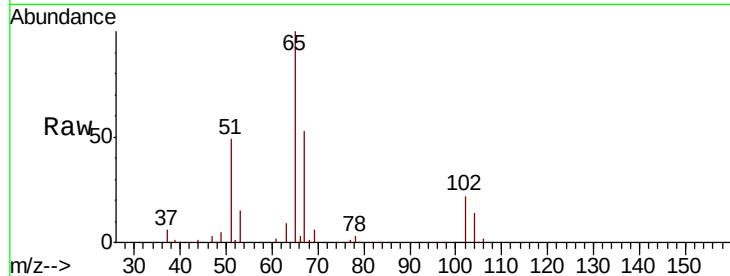




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.78 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VD060209.D
 Acq: 25 Oct 2018 21:52

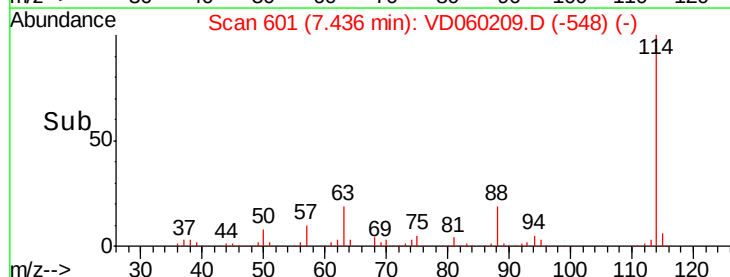
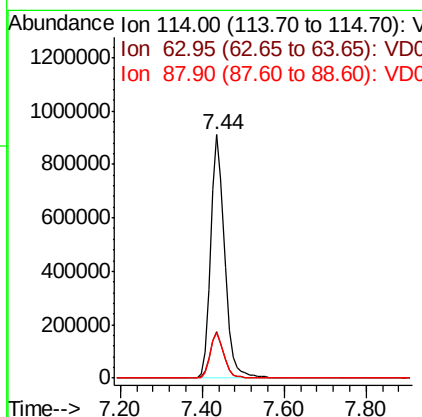
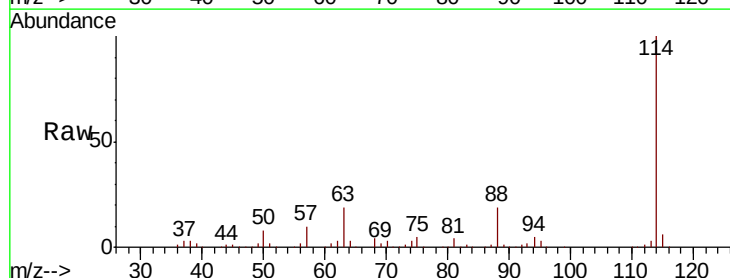
Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-102518-A

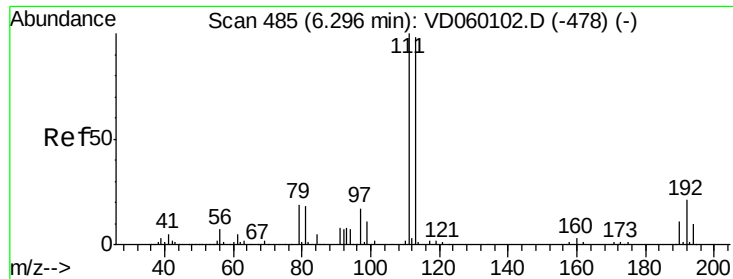
Tot Ion: 65 Resp: 660802
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. 0.02 min
 Lab File: VD060209.D
 Acq: 25 Oct 2018 21:52

Tgt Ion: 114 Resp: 2150977
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 36.0
 88 18.7 0.0 36.2





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.31 min Scan# 487

Delta R.T. 0.02 min

Lab File: VD060209.D

Acq: 25 Oct 2018 21:52

Instrument :

MSVOA_D

ClientSampleId :

SU-01-102518-A

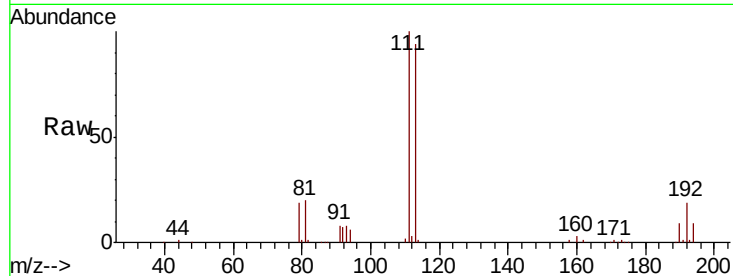
Tot Ion:113 Resp: 789580

Ion Ratio Lower Upper

113 100

111 105.9 81.5 122.3

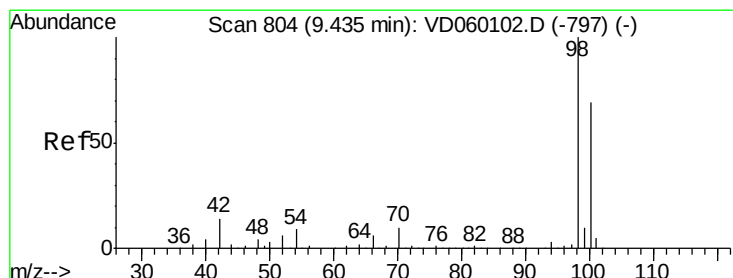
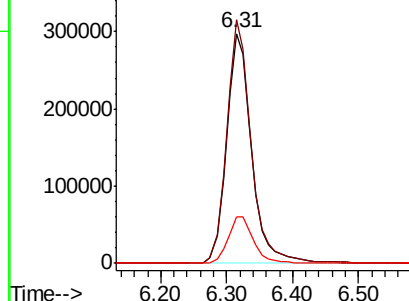
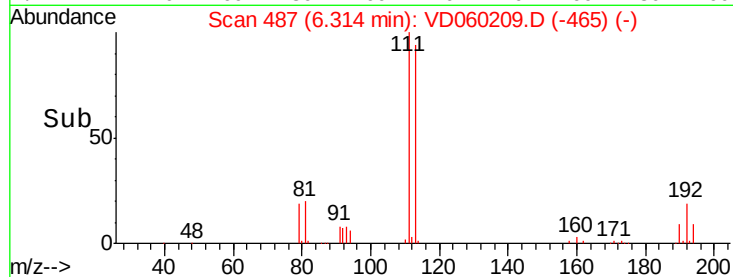
192 20.4 17.4 26.0



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: 9.45 min Scan# 806

Delta R.T. 0.02 min

Lab File: VD060209.D

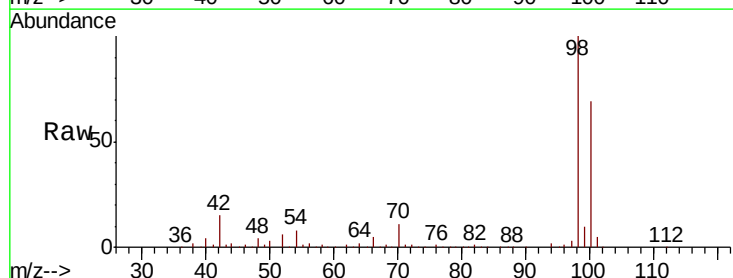
Acq: 25 Oct 2018 21:52

Tgt Ion: 98 Resp: 1972588

Ion Ratio Lower Upper

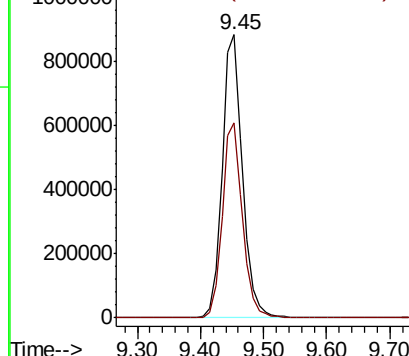
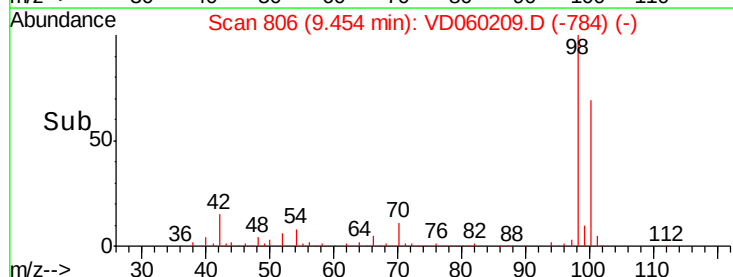
98 100

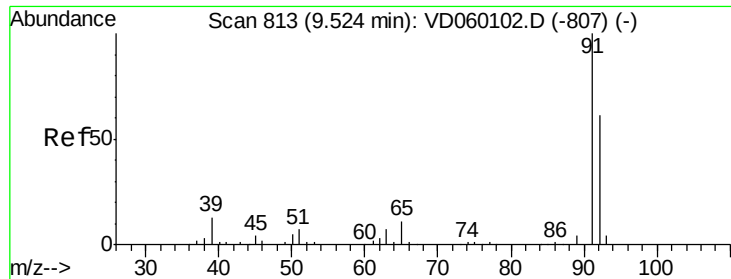
100 69.0 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 5.353 ug/l

RT: 9.54 min Scan# 815

Delta R.T. 0.02 min

Lab File: VD060209.D

Acq: 25 Oct 2018 21:52

Instrument :

MSVOA_D

ClientSampleId :

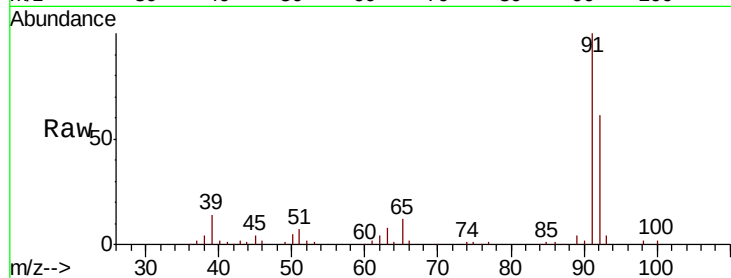
SU-01-102518-A

Tot Ion: 92 Resp: 185387

Ion Ratio Lower Upper

92 100

91 165.0 131.9 197.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

150000

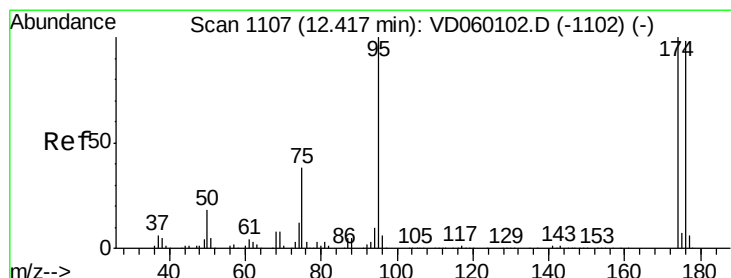
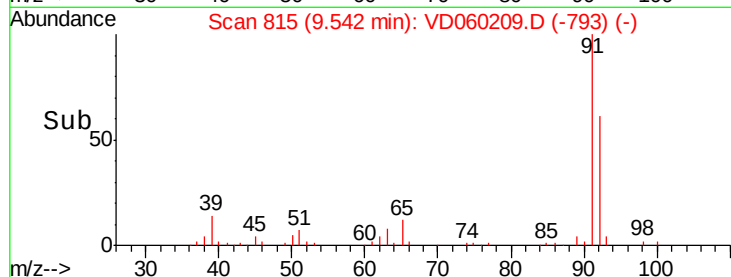
100000

50000

0

9.40 9.50 9.60 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VD060209.D

Acq: 25 Oct 2018 21:52

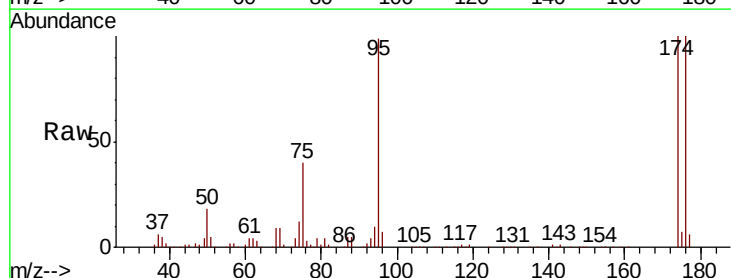
Tgt Ion: 95 Resp: 620214

Ion Ratio Lower Upper

95 100

174 100.9 0.0 200.2

176 100.9 0.0 195.6



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

600000

500000

400000

300000

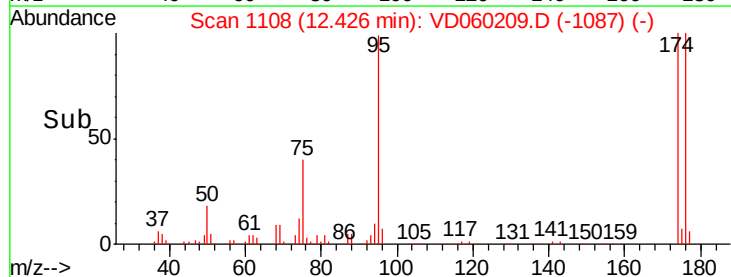
200000

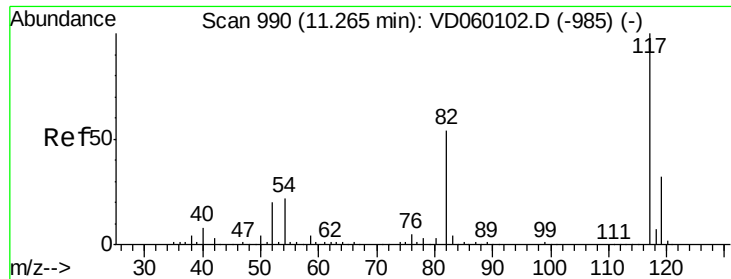
100000

0

12.40 12.60

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.28 min Scan# 992

Delta R.T. 0.02 min

Lab File: VD060209.D

Acq: 25 Oct 2018 21:52

Instrument :

MSVOA_D

ClientSampleId :

SU-01-102518-A

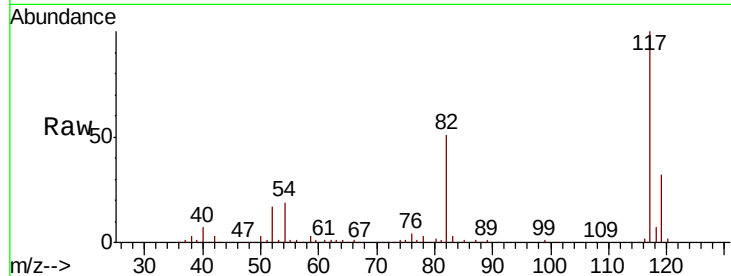
Tot Ion:117 Resp: 1567350

Ion Ratio Lower Upper

117 100

82 51.4 43.4 65.2

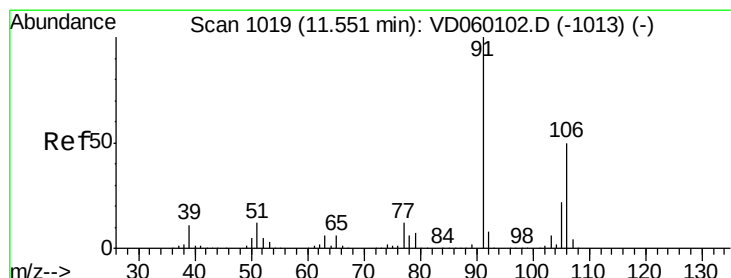
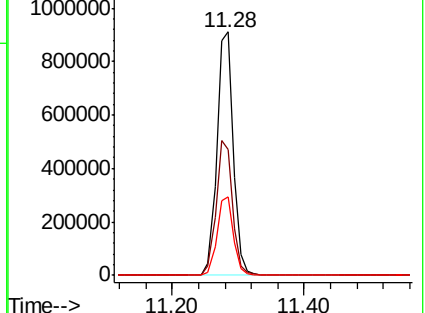
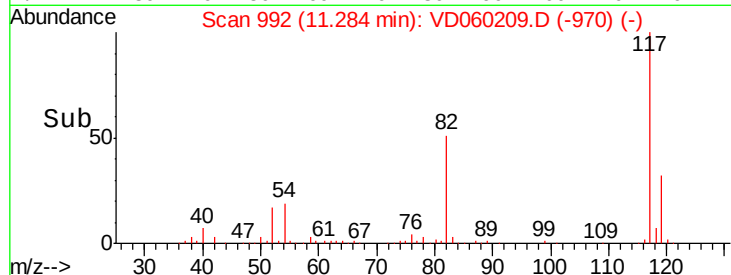
119 32.4 26.0 39.0



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



#68

m/p-Xylenes

Concen: 1.817 ug/l

RT: 11.55 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD060209.D

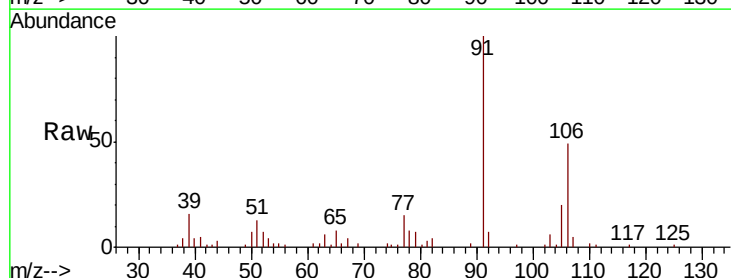
Acq: 25 Oct 2018 21:52

Tgt Ion:106 Resp: 37305

Ion Ratio Lower Upper

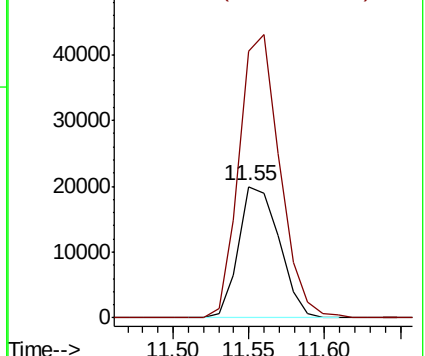
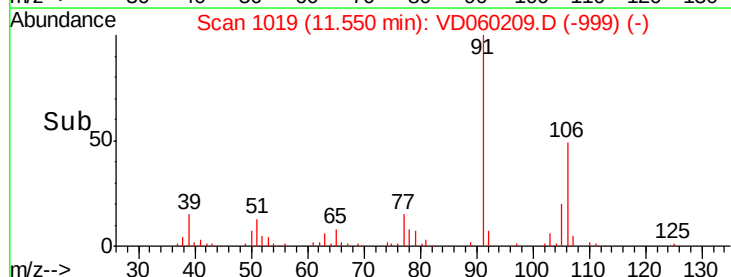
106 100

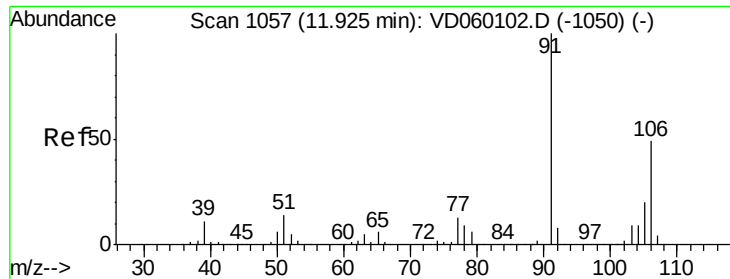
91 203.8 160.0 240.0



Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): V

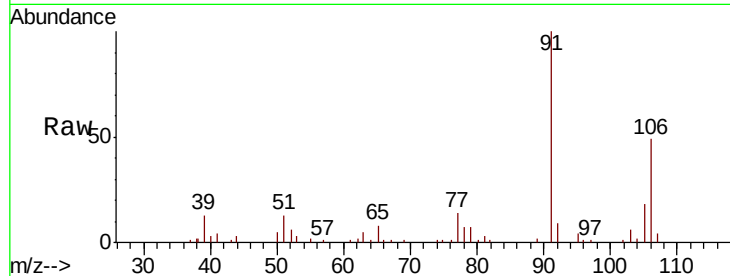




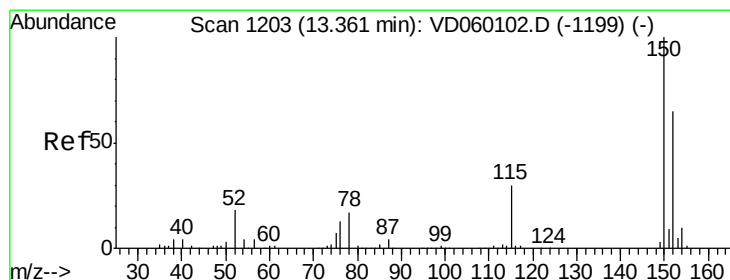
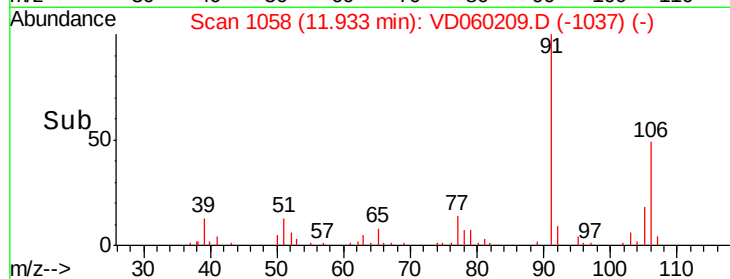
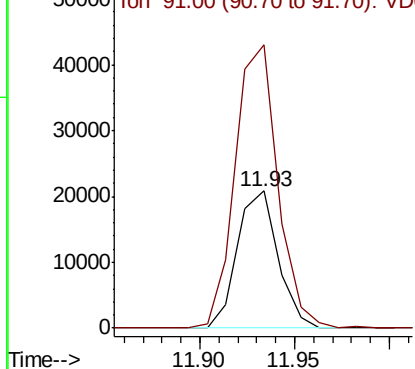
#69
o-Xylene
Concen: 1.518 ug/l
RT: 11.93 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VD060209.D
Acq: 25 Oct 2018 21:52

Instrument :
MSVOA_D
ClientSampleId :
SU-01-102518-A

Tot Ion:106 Resp: 30822
Ion Ratio Lower Upper
106 100
91 206.0 102.5 307.5

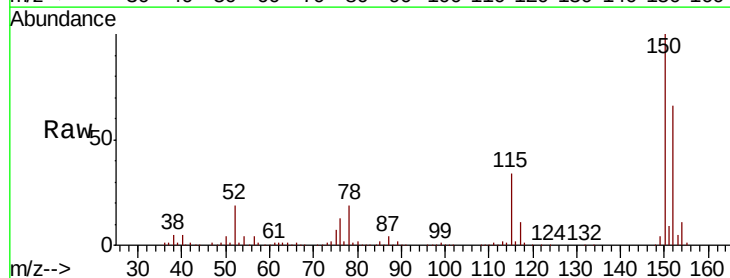


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

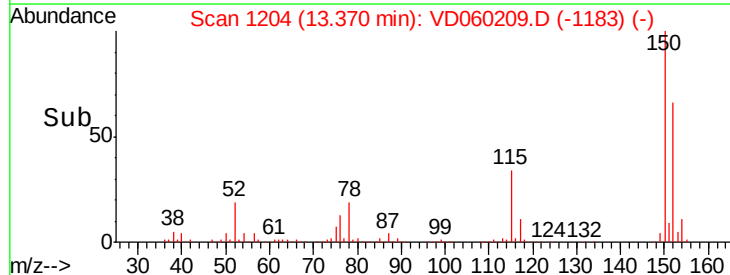
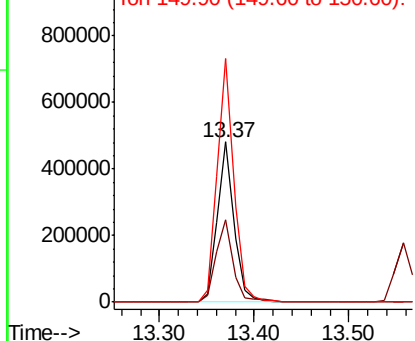


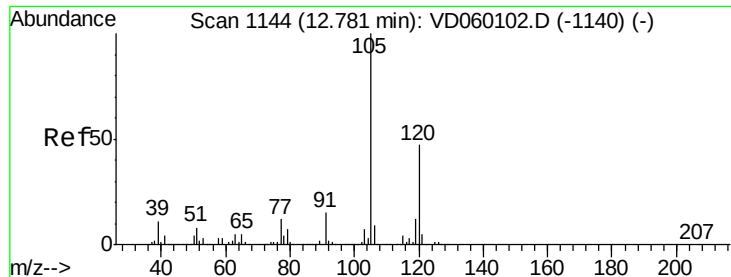
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060209.D
Acq: 25 Oct 2018 21:52

Tgt Ion:152 Resp: 585173
Ion Ratio Lower Upper
152 100
115 51.1 27.1 81.2
150 152.1 0.0 311.8



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

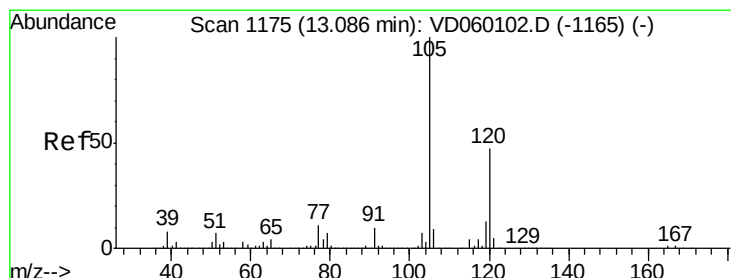
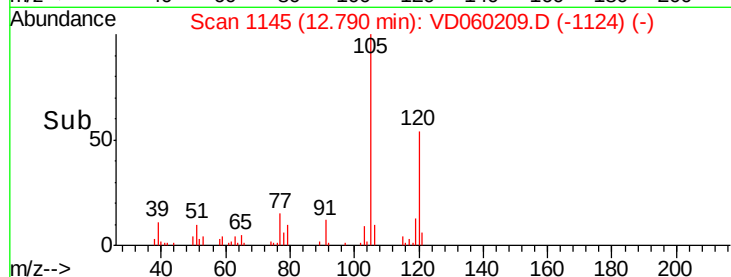
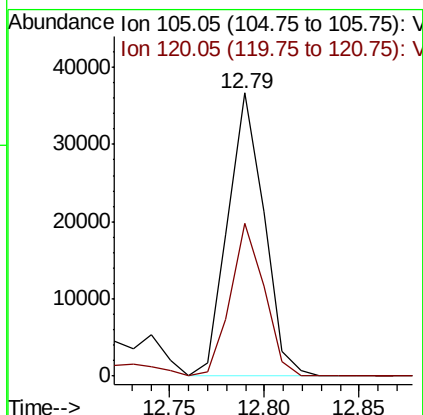
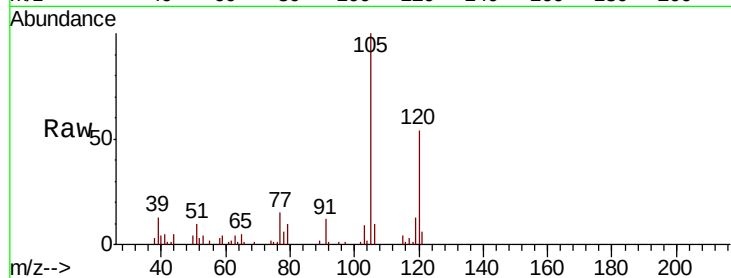




#80
 1,3,5-Trimethylbenzene
 Concen: 1.618 ug/l
 RT: 12.79 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VD060209.D
 Acq: 25 Oct 2018 21:52

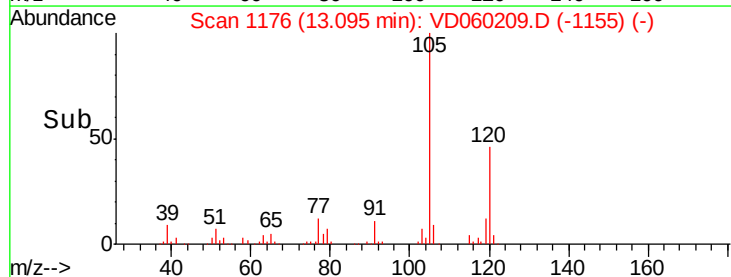
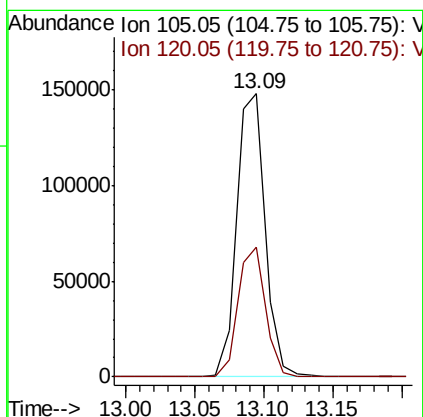
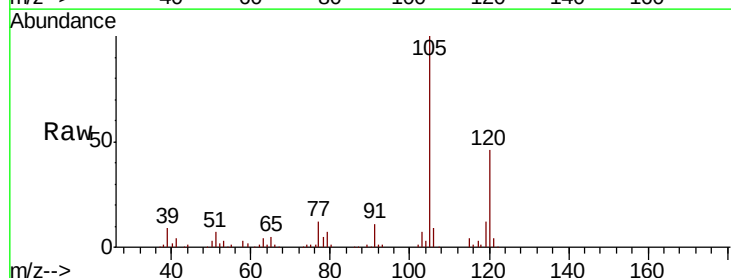
Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-102518-A

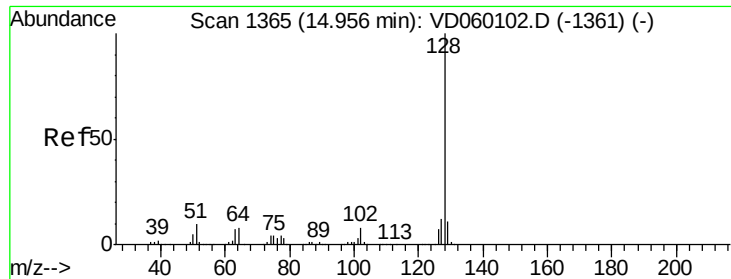
Tot Ion:105 Resp: 48332
 Ion Ratio Lower Upper
 105 100
 120 53.9 23.7 71.1



#84
 1,2,4-Trimethylbenzene
 Concen: 6.752 ug/l
 RT: 13.09 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: VD060209.D
 Acq: 25 Oct 2018 21:52

Tgt Ion:105 Resp: 212634
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.4 70.0

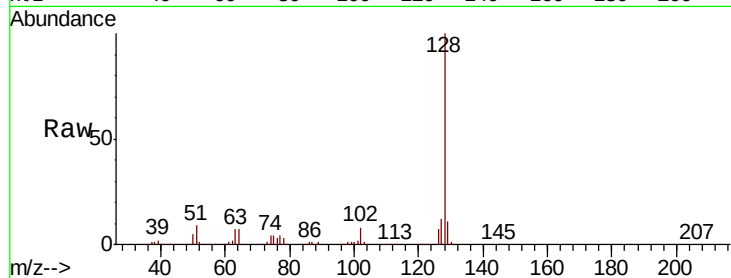




#95
Naphthalene
Concen: 118.239 ug/l
RT: 14.96 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VD060209.D
Acq: 25 Oct 2018 21:52

Instrument :
MSVOA_D
ClientSampleId :
SU-01-102518-A

Tot Ion:128 Resp: 2444830
Ion Ratio Lower Upper
128 100
127 12.4 9.9 14.9
129 11.0 8.8 13.2



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

