

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122118\
 Data File : VD060680.D
 Acq On : 21 Dec 2018 13:30
 Operator : VA/AP
 Sample : J6481-03RE
 Misc : 5.09g/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PROP-SW-1RE

Quant Time: Dec 21 15:13:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 03:34:39 2018
 Response via : Initial Calibration

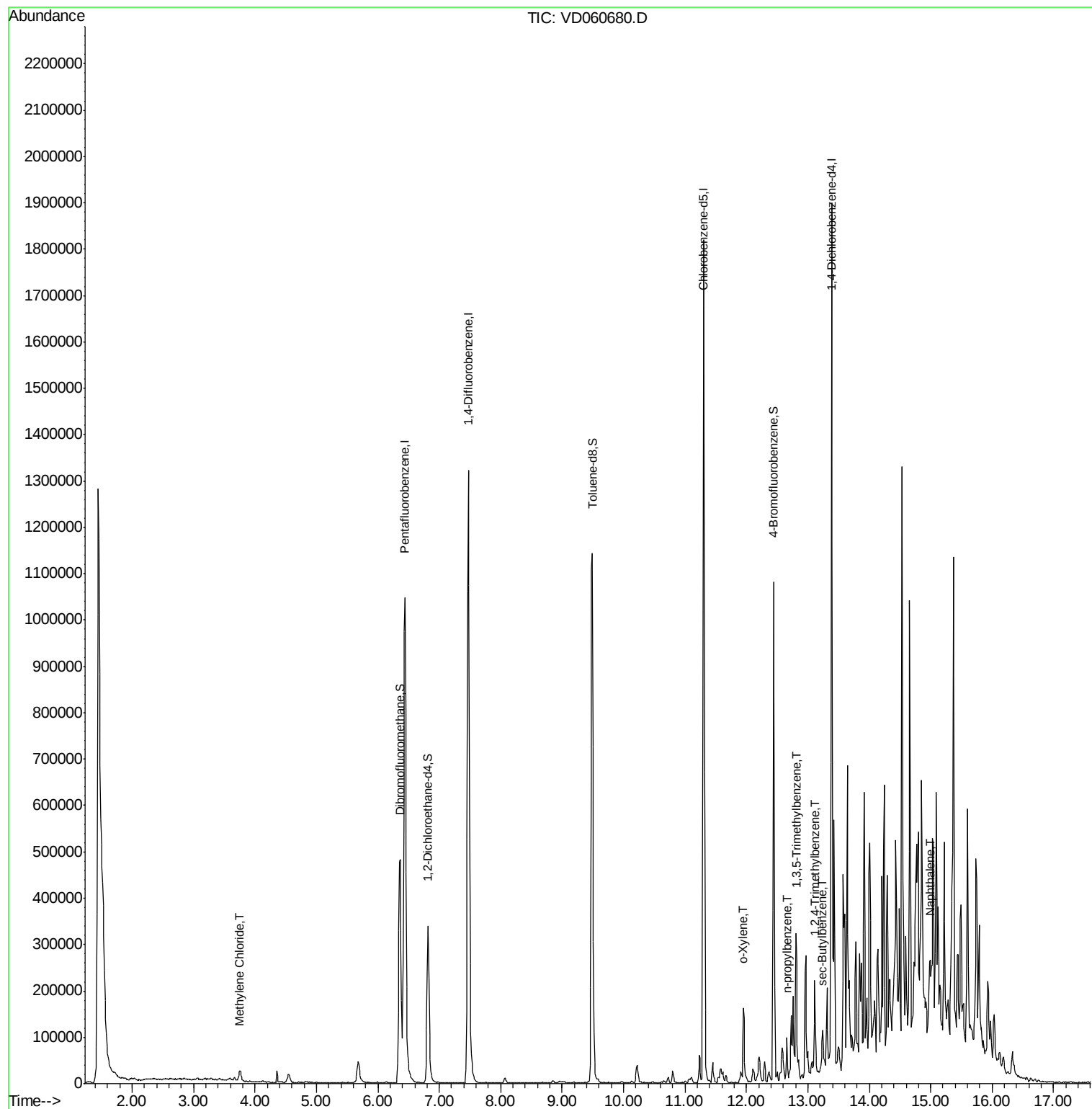
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.44	168	1052979	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.47	114	1397597	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.30	117	1058100	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.39	152	422321	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.81	65	286744	39.41	ug/l	0.02
Spiked Amount 50.000			Recovery	=	78.82%	
35) Dibromofluoromethane	6.35	113	394722	38.59	ug/l	0.02
Spiked Amount 50.000			Recovery	=	77.18%	
50) Toluene-d8	9.49	98	951580	31.18	ug/l	0.03
Spiked Amount 50.000			Recovery	=	62.36%	
62) 4-Bromofluorobenzene	12.44	95	305144	28.55	ug/l	0.02
Spiked Amount 50.000			Recovery	=	57.10%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.75	84	13774	1.044	ug/l	92
69) o-Xylene	11.95	106	37634	2.711	ug/l	88
78) n-propylbenzene	12.66	91	67007	1.743	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	128913	5.552	ug/l	97
84) 1,2,4-Trimethylbenzene	13.11	105	85215	3.563	ug/l	97
85) sec-Butylbenzene	13.24	105	38156	1.184	ug/l	99
95) Naphthalene	14.98	128	65352	5.911	ug/l #	95

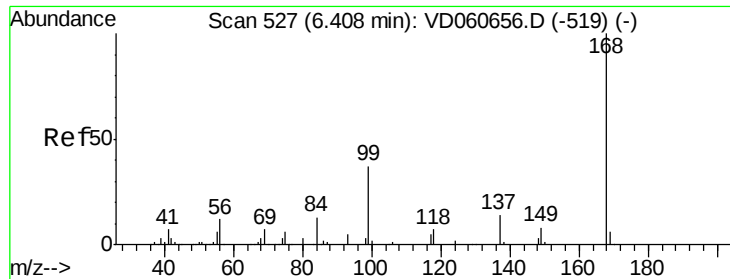
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD122118\
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Quant Time: Dec 21 15:13:02 2018
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Quant Title : SW846 8260
QLast Update : Fri Dec 21 03:34:39 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.44 min Scan# 530

Delta R.T. 0.03 min

Lab File: VD060680.D

Acq: 21 Dec 2018 13:30

Instrument :

MSVOA_D

ClientSampleId :

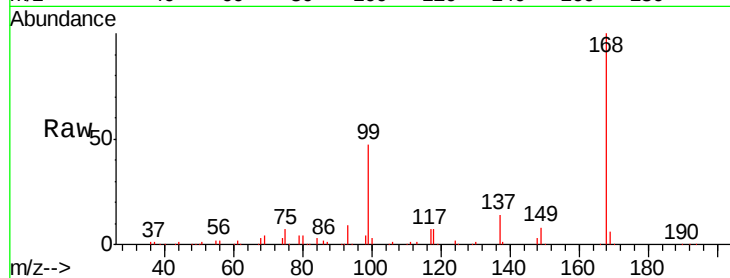
PROP-SW-1RE

Tgt Ion:168 Resp: 1052979

Ion Ratio Lower Upper

168 100

99 46.8 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.44

400000

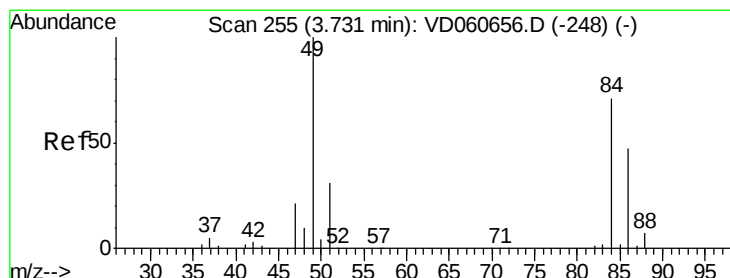
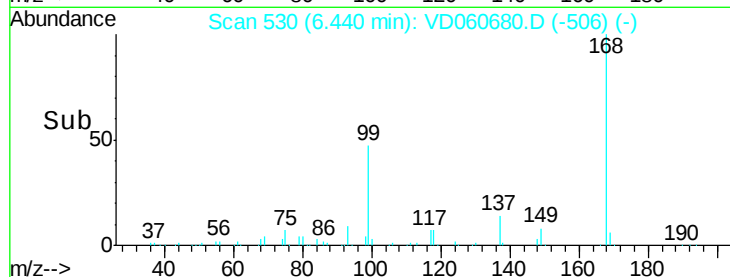
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 1.044 ug/l

RT: 3.75 min Scan# 257

Delta R.T. 0.02 min

Lab File: VD060680.D

Acq: 21 Dec 2018 13:30

Tgt Ion: 84 Resp: 13774

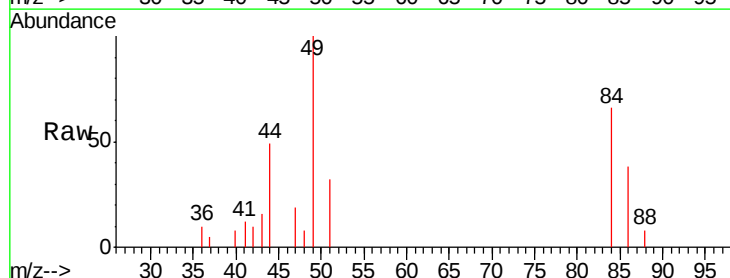
Ion Ratio Lower Upper

84 100

49 151.4 113.6 170.4

51 48.2 34.7 52.1

86 57.7 52.8 79.2



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

10000

8000

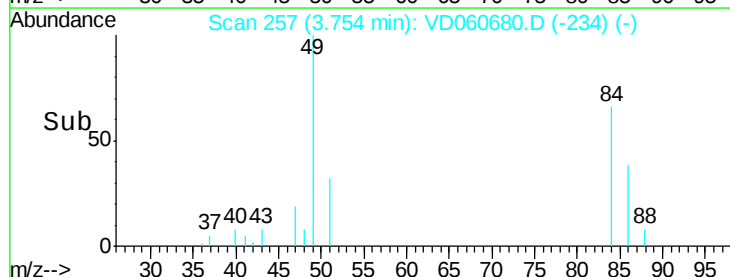
6000

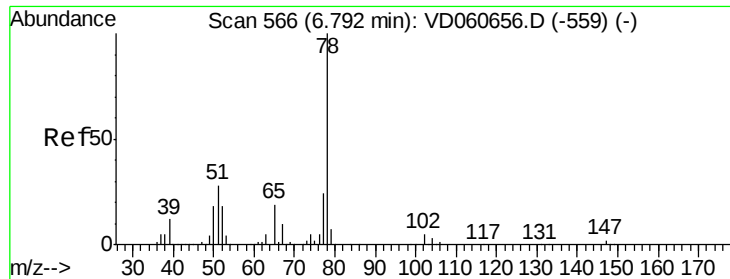
4000

2000

0

Time-->

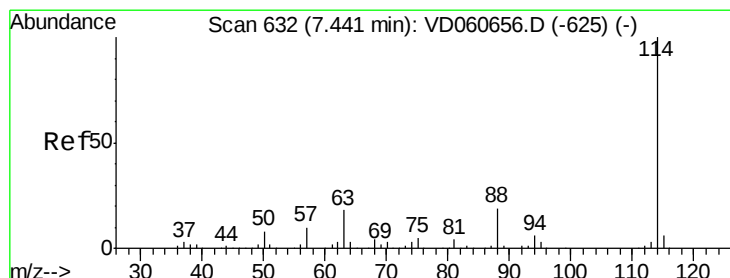
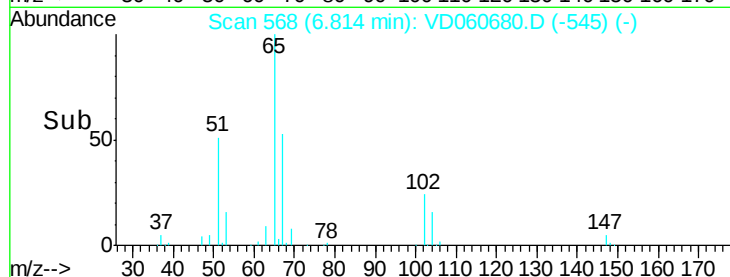
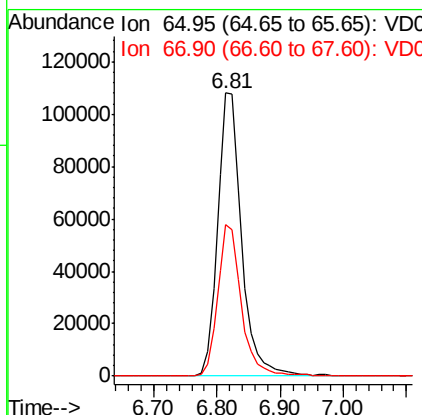
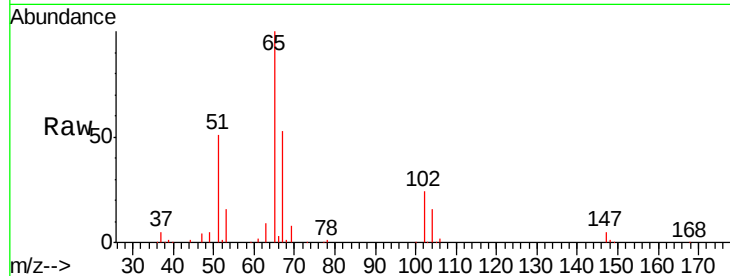




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 6.81 min Scan# 568
 Delta R.T. 0.02 min
 Lab File: VD060680.D
 Acq: 21 Dec 2018 13:30

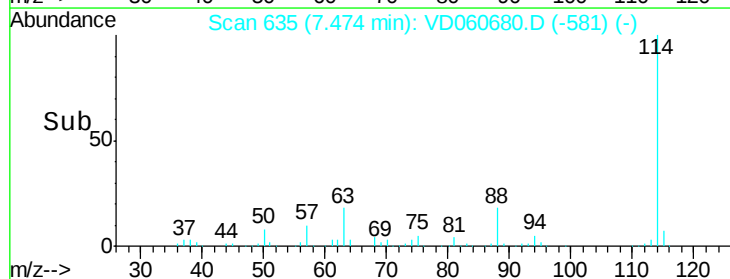
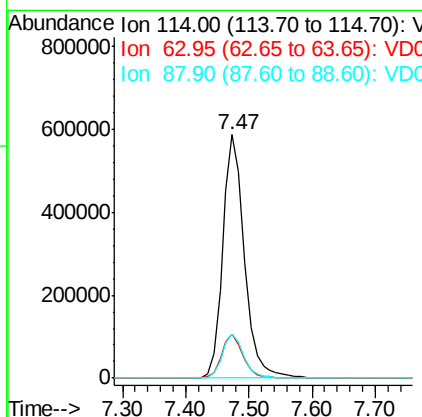
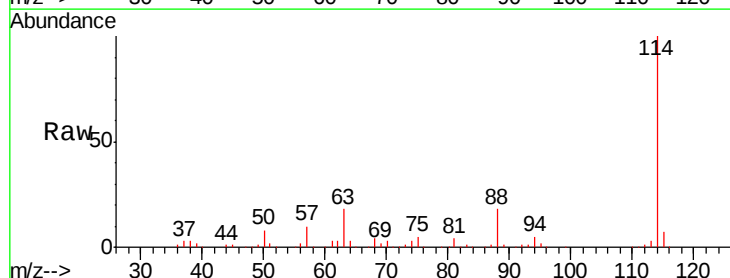
Instrument :
 MSVOA_D
 ClientSampleId :
 PROP-SW-1RE

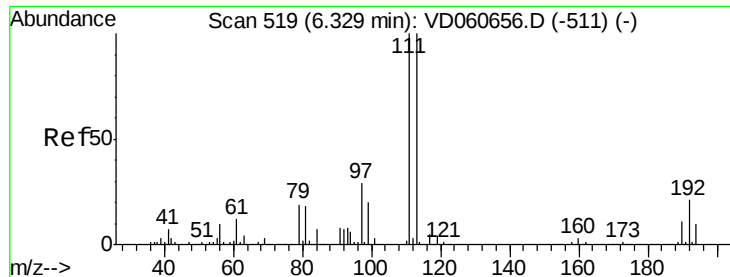
Tgt Ion: 65 Resp: 286744
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.47 min Scan# 635
 Delta R.T. 0.03 min
 Lab File: VD060680.D
 Acq: 21 Dec 2018 13:30

Tgt Ion: 114 Resp: 1397597
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 36.2
 88 18.0 0.0 37.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.35 min Scan# 521

Delta R.T. 0.02 min

Lab File: VD060680.D

Acq: 21 Dec 2018 13:30

Instrument :

MSVOA_D

ClientSampleId :

PROP-SW-1RE

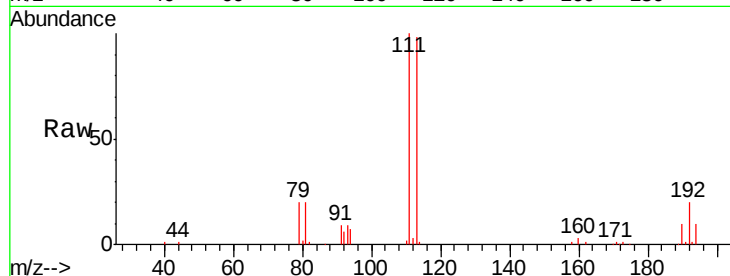
Tgt Ion:113 Resp: 394722

Ion Ratio Lower Upper

113 100

111 102.5 80.0 120.0

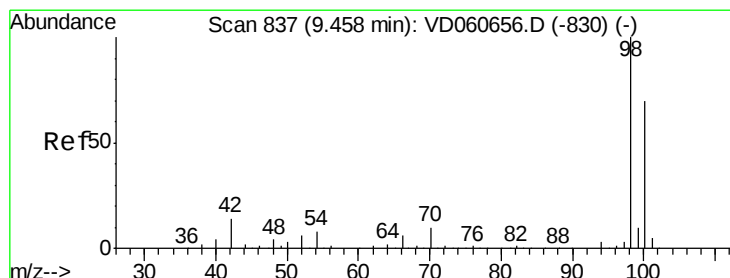
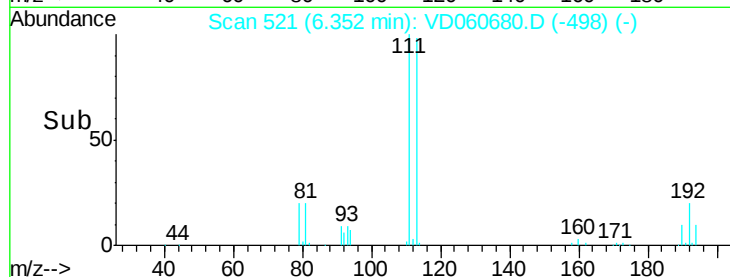
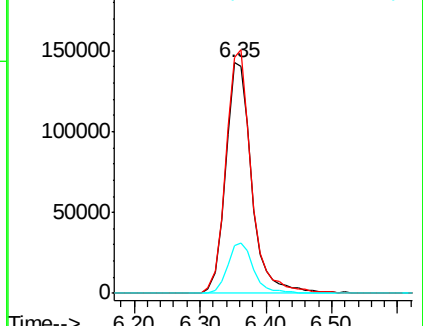
192 20.8 16.6 25.0



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: 9.49 min Scan# 840

Delta R.T. 0.03 min

Lab File: VD060680.D

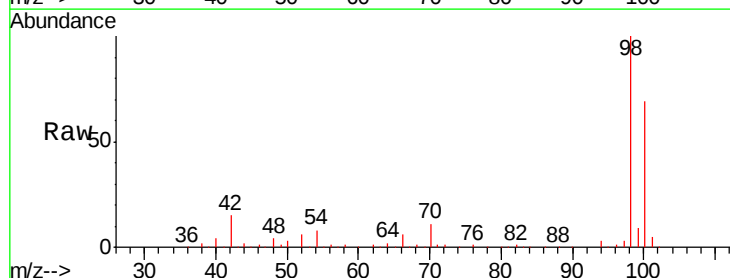
Acq: 21 Dec 2018 13:30

Tgt Ion: 98 Resp: 951580

Ion Ratio Lower Upper

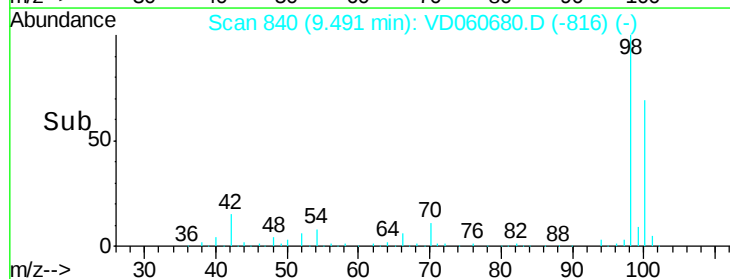
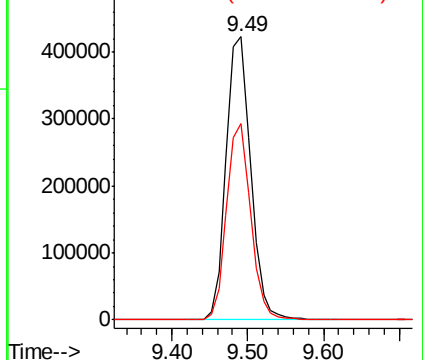
98 100

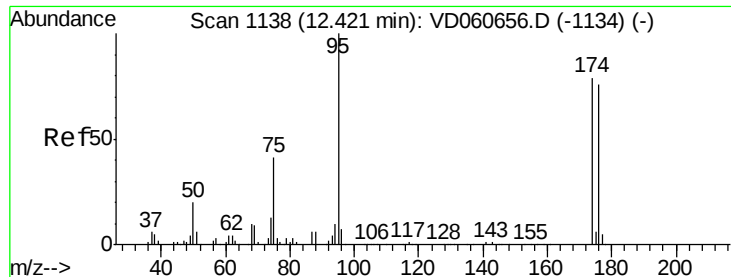
100 69.5 55.8 83.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.44 min Scan# 1140

Delta R.T. 0.02 min

Lab File: VD060680.D

Acq: 21 Dec 2018 13:30

Instrument :

MSVOA_D

ClientSampleId :

PROP-SW-1RE

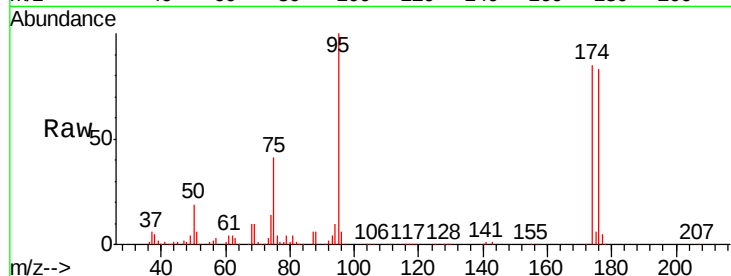
Tgt Ion: 95 Resp: 305144

Ion Ratio Lower Upper

95 100

174 85.5 0.0 158.2

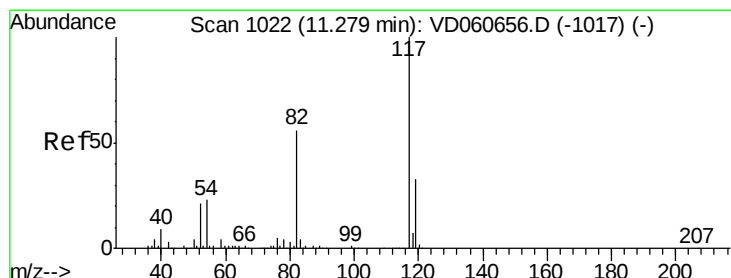
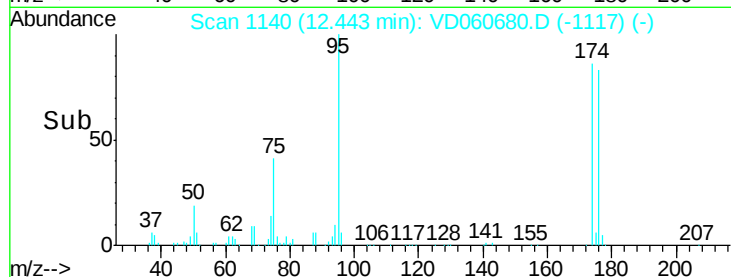
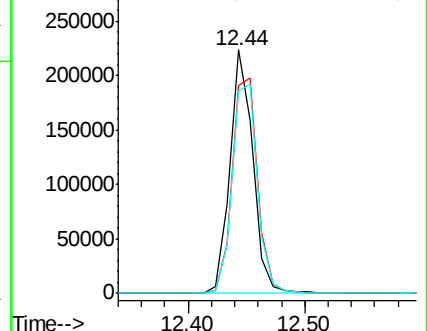
176 83.3 0.0 152.4



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: 50.000 ug/l

RT: 11.30 min Scan# 1024

Delta R.T. 0.02 min

Lab File: VD060680.D

Acq: 21 Dec 2018 13:30

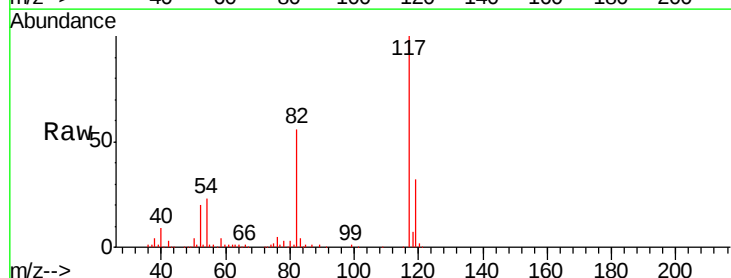
Tgt Ion: 117 Resp: 1058100

Ion Ratio Lower Upper

117 100

82 56.2 44.5 66.7

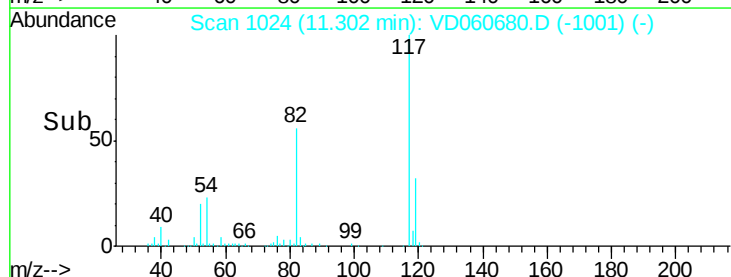
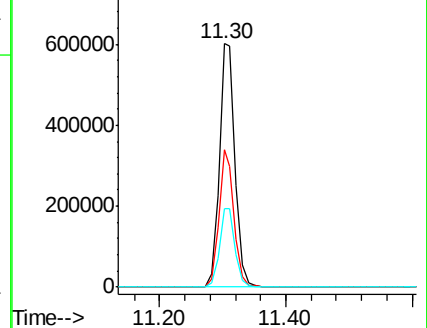
119 32.3 26.3 39.5

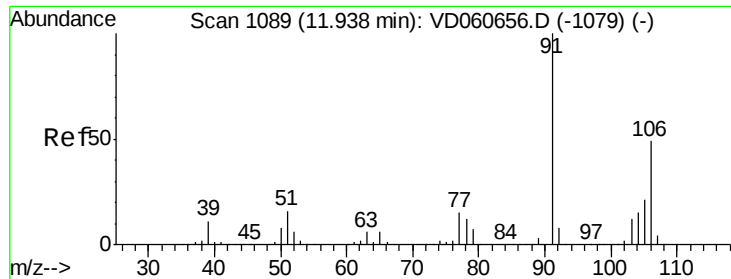


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

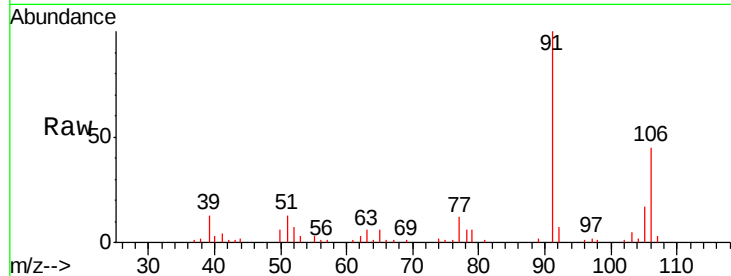




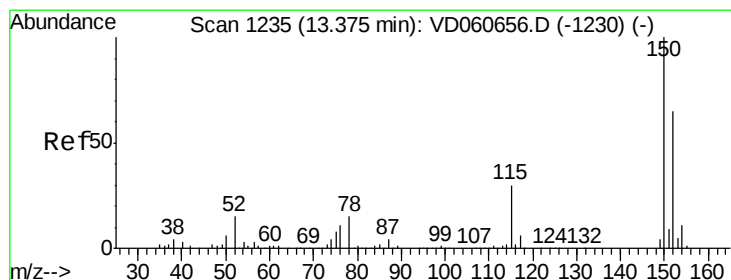
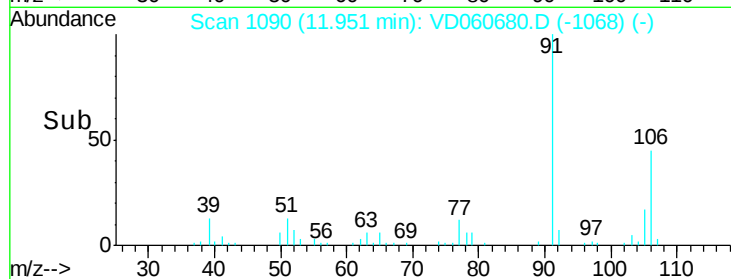
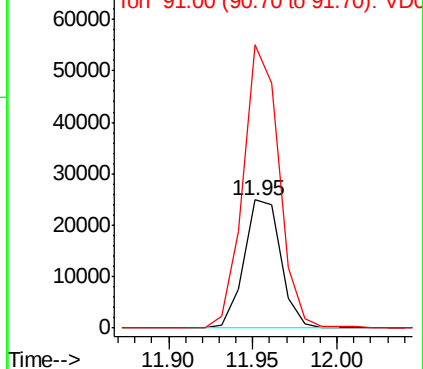
#69
o-Xylene
Concen: 2.711 ug/l
RT: 11.95 min Scan# 1090
Delta R.T. 0.01 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Instrument :
MSVOA_D
ClientSampleId :
PROP-SW-1RE

Tgt Ion:106 Resp: 37634
Ion Ratio Lower Upper
106 100
91 220.8 101.5 304.5

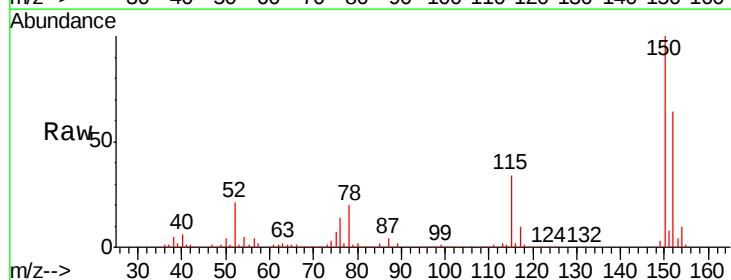


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

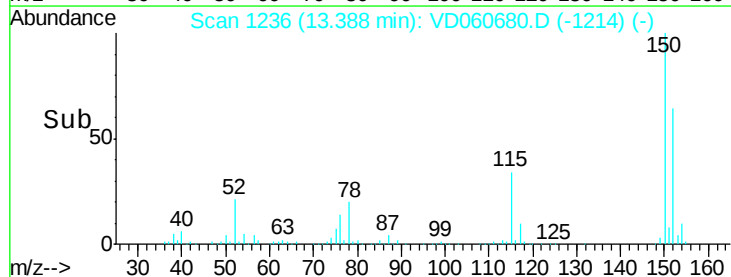
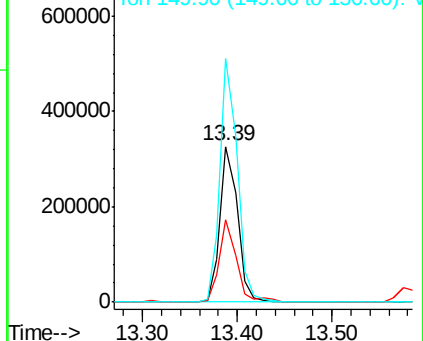


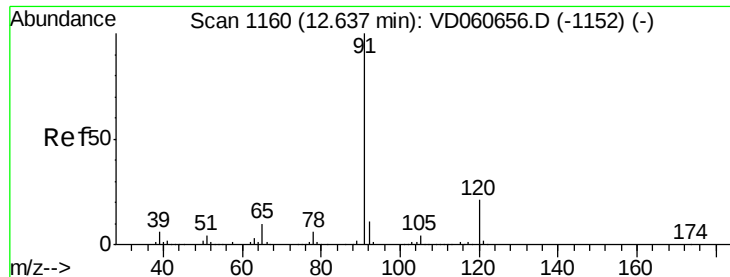
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.39 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Tgt Ion:152 Resp: 422321
Ion Ratio Lower Upper
152 100
115 53.1 24.1 72.3
150 156.7 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





#78

n-propylbenzene

Concen: 1.743 ug/l

RT: 12.66 min Scan# 1162

Delta R.T. 0.02 min

Lab File: VD060680.D

Acq: 21 Dec 2018 13:30

Instrument :

MSVOA_D

ClientSampleId :

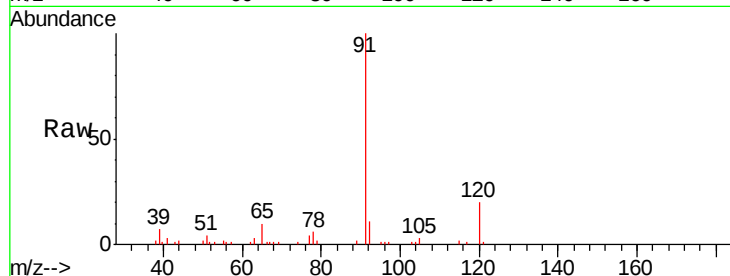
PROP-SW-1RE

Tgt Ion: 91 Resp: 67007

Ion Ratio Lower Upper

91 100

120 19.6 10.4 31.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

12.66

50000

40000

30000

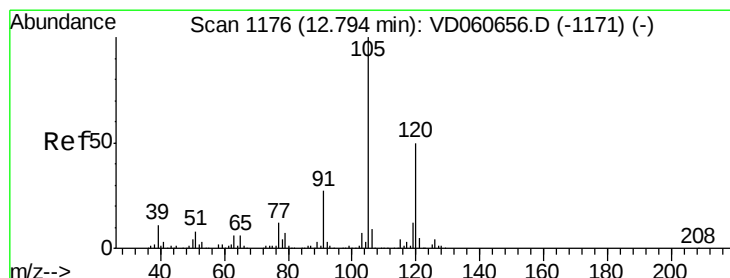
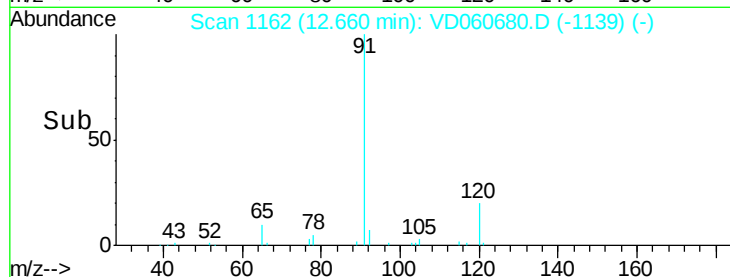
20000

10000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 5.552 ug/l

RT: 12.81 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VD060680.D

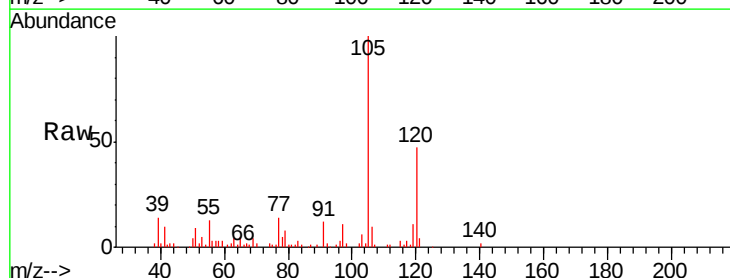
Acq: 21 Dec 2018 13:30

Tgt Ion: 105 Resp: 128913

Ion Ratio Lower Upper

105 100

120 47.5 24.8 74.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

12.81

100000

80000

60000

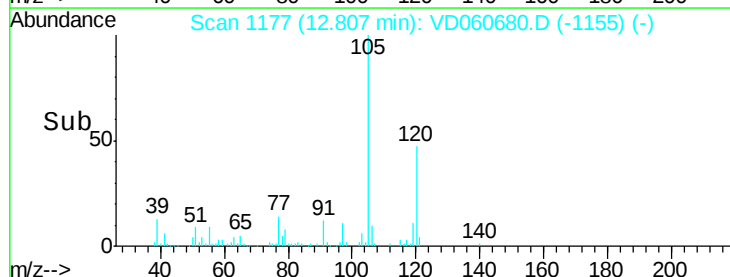
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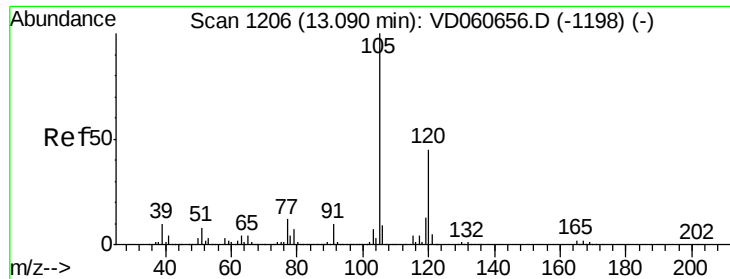
20000

0

12.75 12.80 12.85 12.90

Time-->

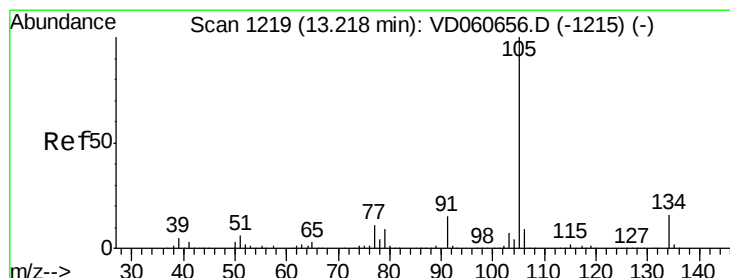
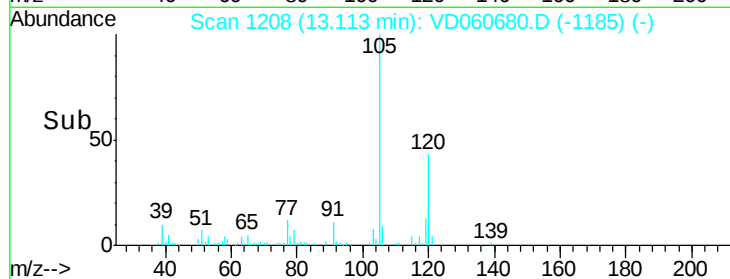
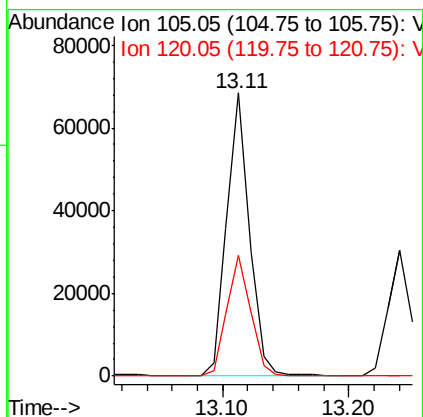
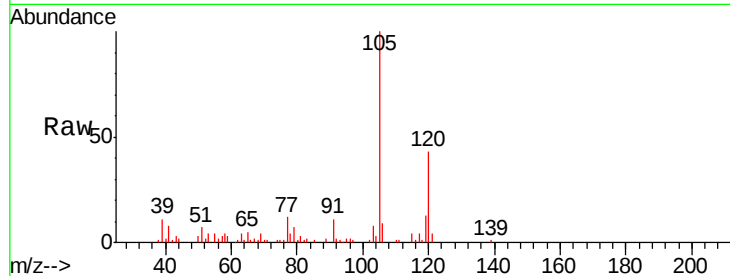




#84
 1,2,4-Trimethylbenzene
 Concen: 3.563 ug/l
 RT: 13.11 min Scan# 1208
 Delta R.T. 0.02 min
 Lab File: VD060680.D
 Acq: 21 Dec 2018 13:30

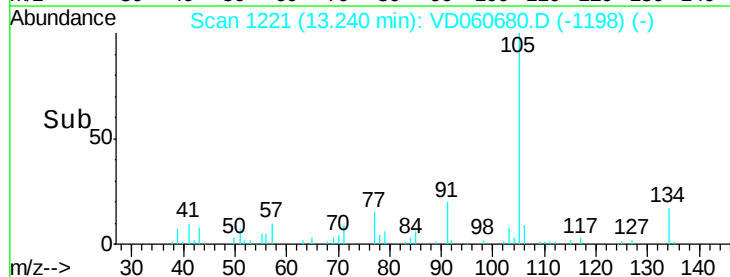
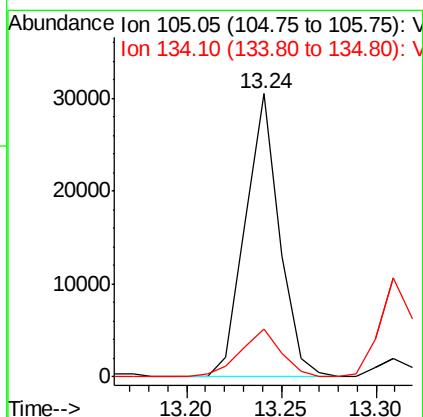
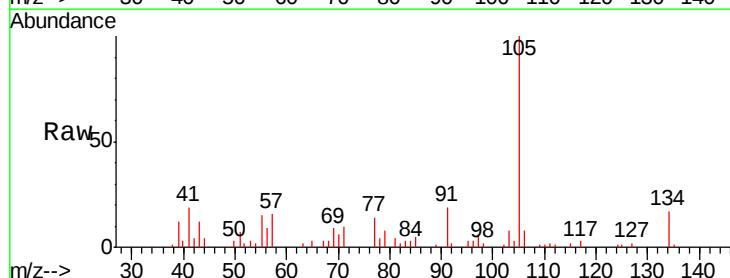
Instrument :
 MSVOA_D
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 PROP-SW-1RE

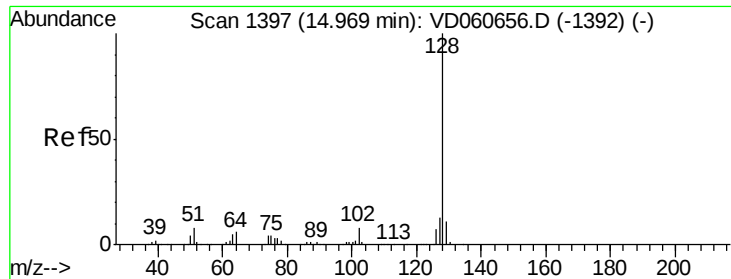
Tgt Ion:105 Resp: 85215
 Ion Ratio Lower Upper
 105 100
 120 42.9 22.4 67.0



#85
 sec-Butylbenzene
 Concen: 1.184 ug/l
 RT: 13.24 min Scan# 1221
 Delta R.T. 0.02 min
 Lab File: VD060680.D
 Acq: 21 Dec 2018 13:30

Tgt Ion:105 Resp: 38156
 Ion Ratio Lower Upper
 105 100
 134 16.8 8.2 24.4

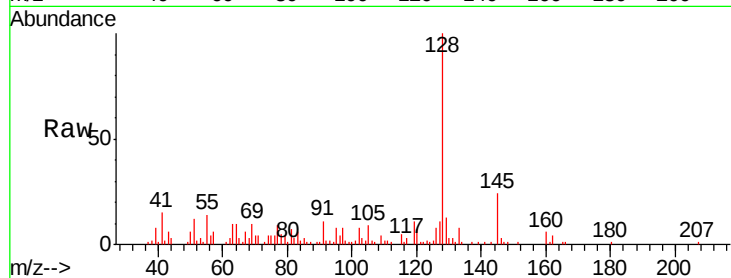




#95
Naphthalene
Concen: 5.911 ug/l
RT: 14.98 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Instrument :
MSVOA_D
ClientSampleId :
PROP-SW-1RE

Tgt Ion:128 Resp: 65352
Ion Ratio Lower Upper
128 100
127 11.4 10.1 15.1
129 13.2 8.6 13.0#



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

