

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070218\
 Data File : VX003124.D
 Acq On : 02 Jul 2018 13:49
 Operator : JC/MD
 Sample : J3738-04DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0041DL

Quant Time: Jul 03 09:04:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

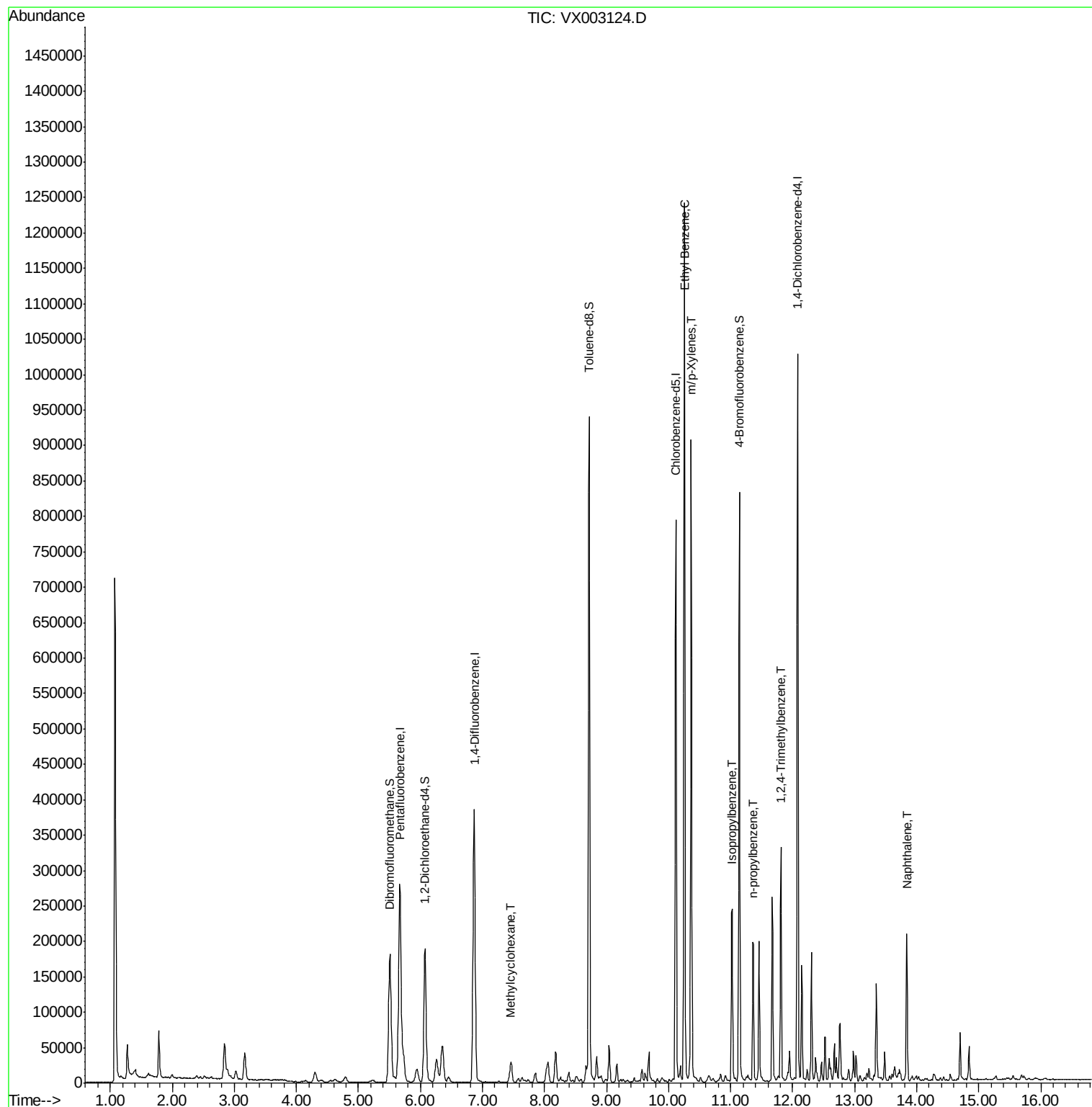
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	284461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	396999	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	366023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	218143	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	180807	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.98%	
35) Dibromofluoromethane	5.51	113	149617	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
50) Toluene-d8	8.72	98	553264	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	11.14	95	200569	45.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.60%	
Target Compounds						
39) Methylcyclohexane	7.46	83	11029	2.17	ug/l	97
67) Ethyl Benzene	10.26	91	692343	45.08	ug/l	100
68) m/p-Xylenes	10.37	106	200081	33.80	ug/l	98
73) Isopropylbenzene	11.02	105	129448	8.82	ug/l	99
78) n-propylbenzene	11.36	91	123145	7.37	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	138093	10.78	ug/l	98
95) Naphthalene	13.84	128	133218	8.92	ug/l	99

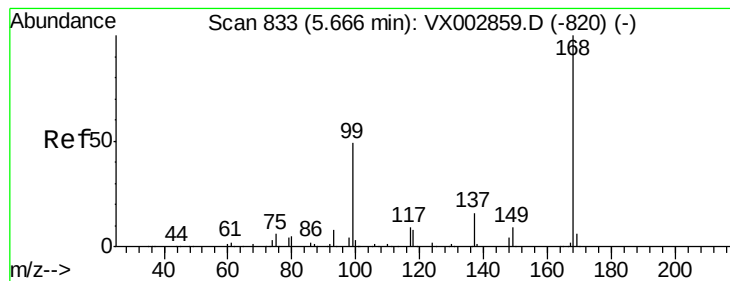
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 03 09:04:10 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003124.D

Acq: 02 Jul 2018 13:49

Instrument :

MSVOA_X

ClientSampled :

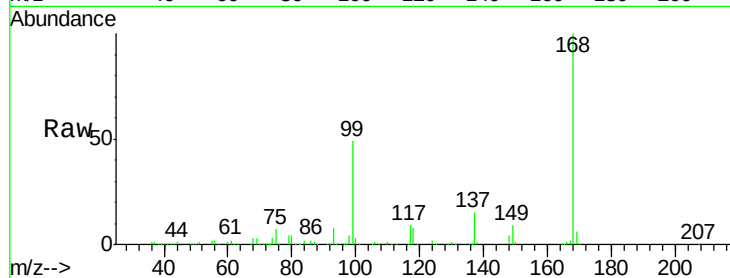
S22-0041DL

Tot Ion:168 Resp: 284461

Ion Ratio Lower Upper

168 100

99 49.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

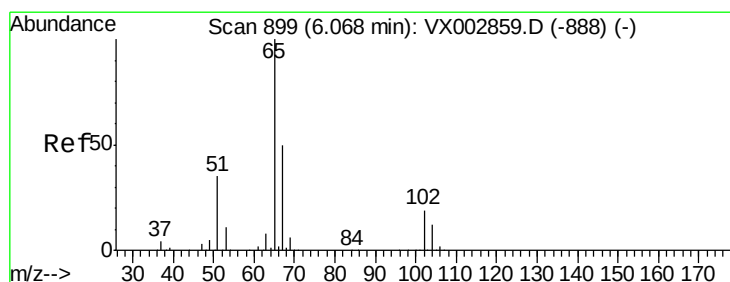
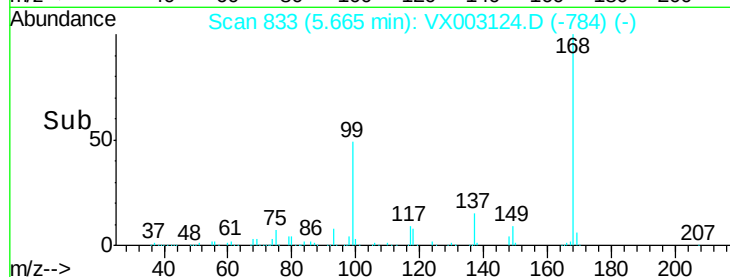
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.99 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003124.D

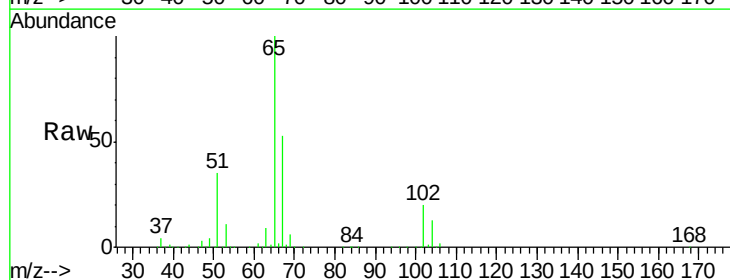
Acq: 02 Jul 2018 13:49

Tgt Ion: 65 Resp: 180807

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

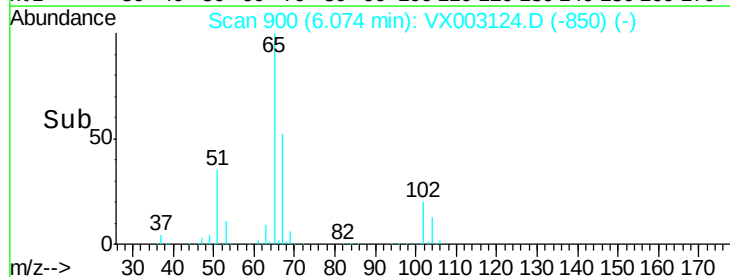
60000

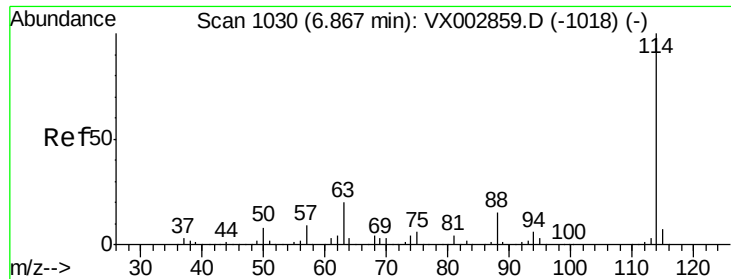
40000

20000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003124.D

Acq: 02 Jul 2018 13:49

Instrument :

MSVOA_X

ClientSampleId :

S22-0041DL

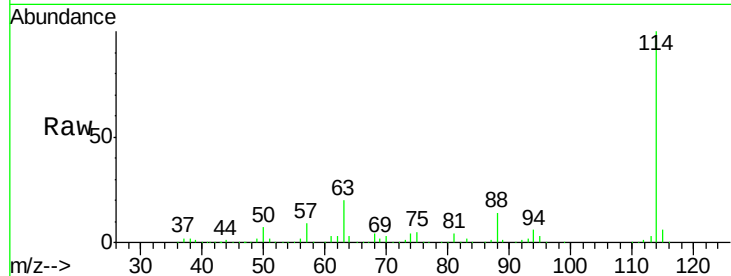
Tot Ion:114 Resp: 396999

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

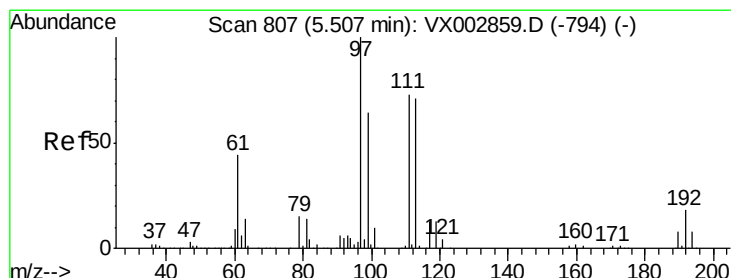
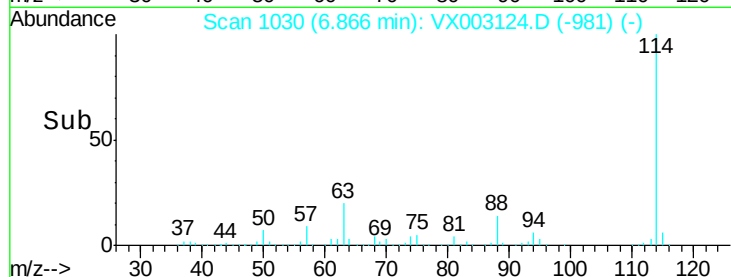
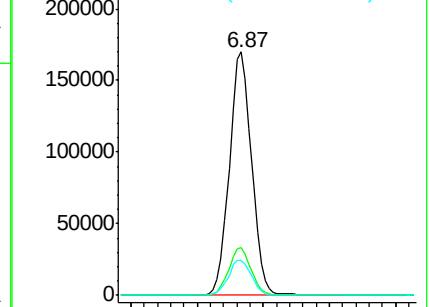
88 14.3 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.59 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003124.D

Acq: 02 Jul 2018 13:49

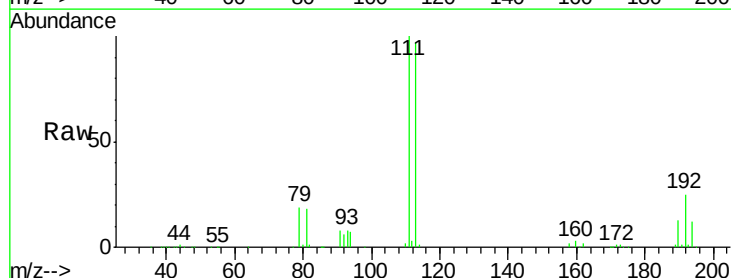
Tgt Ion:113 Resp: 149617

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

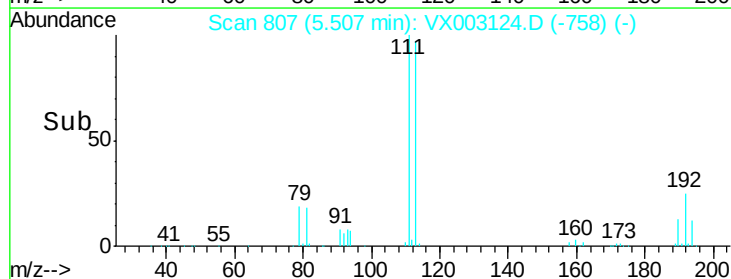
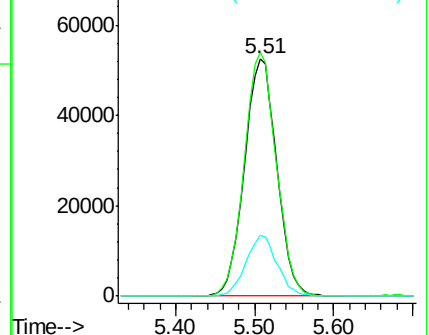
192 24.8 19.1 28.7

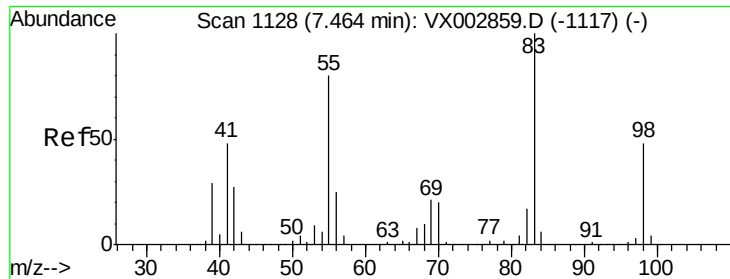


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

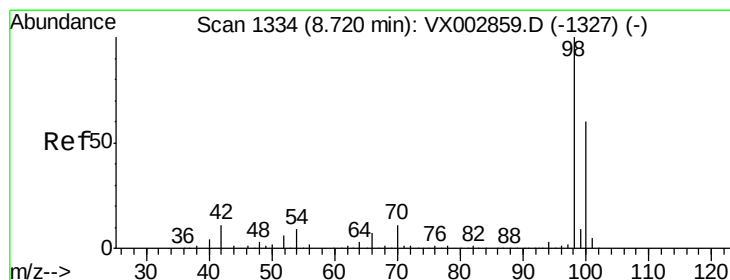
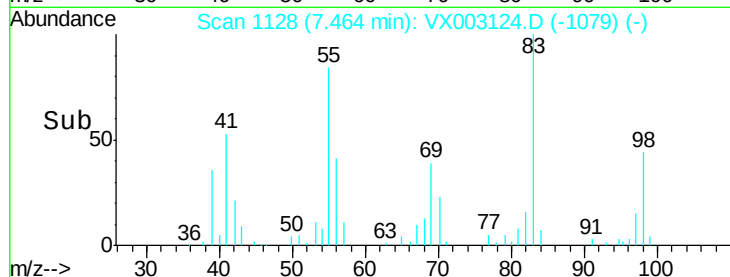
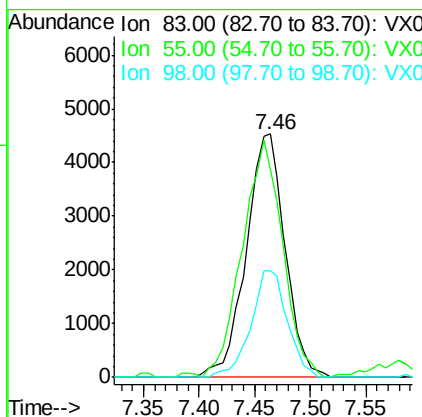
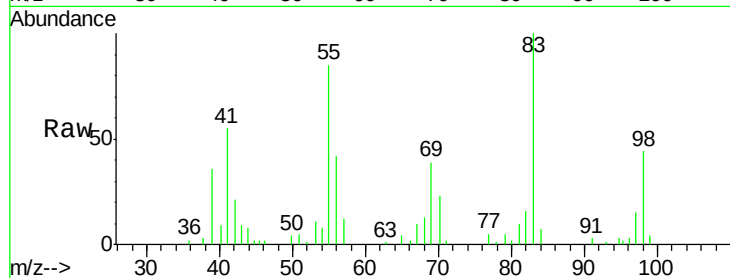




#39
Methvlcvclohexane
Concen: 2.17 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003124.D
Acq: 02 Jul 2018 13:49

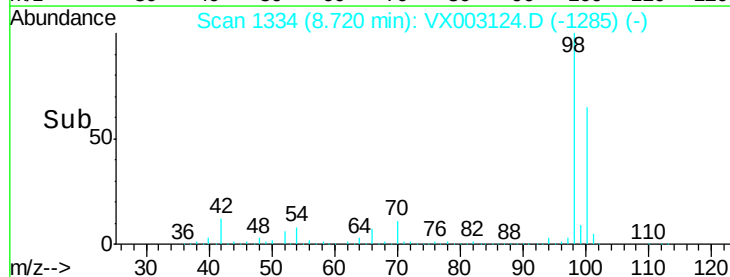
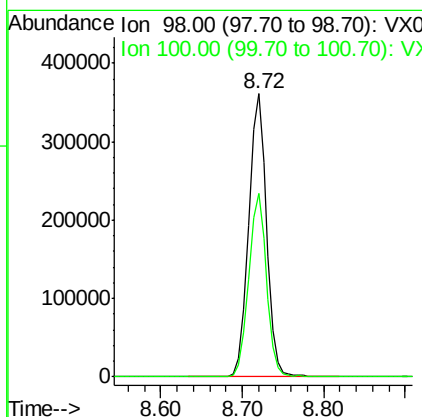
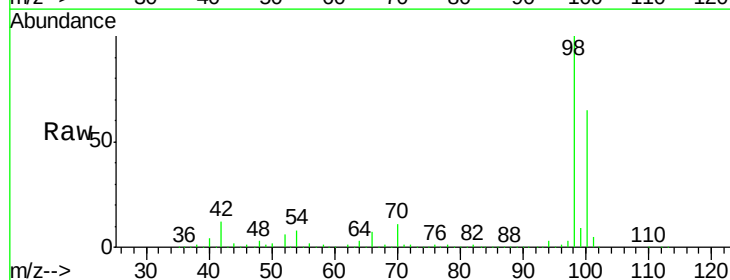
Instrument :
MSVOA_X
ClientSampled :
S22-0041DL

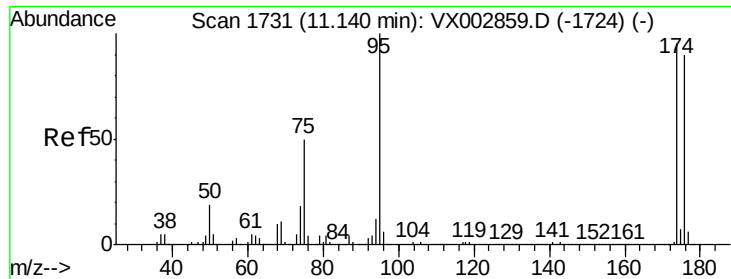
Tot Ion: 83 Resp: 11029
Ion Ratio Lower Upper
83 100
55 84.0 65.4 98.0
98 43.7 37.4 56.0



#50
Toluene-d8
Concen: 48.19 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003124.D
Acq: 02 Jul 2018 13:49

Tgt Ion: 98 Resp: 553264
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 45.30 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003124.D

Acq: 02 Jul 2018 13:49

Instrument :

MSVOA_X

ClientSampled :

S22-0041DL

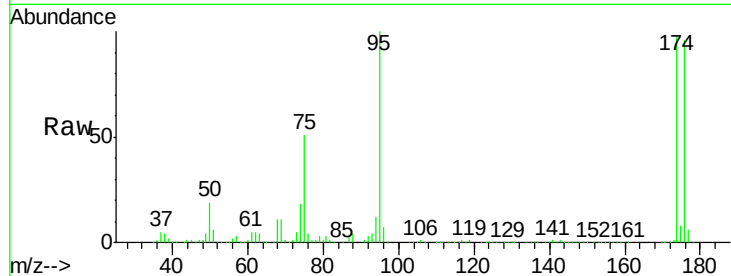
Tot Ion: 95 Resp: 200569

Ion Ratio Lower Upper

95 100

174 98.1 0.0 187.4

176 95.9 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002859.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002859.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002859.D (-1724) (-)

11.14

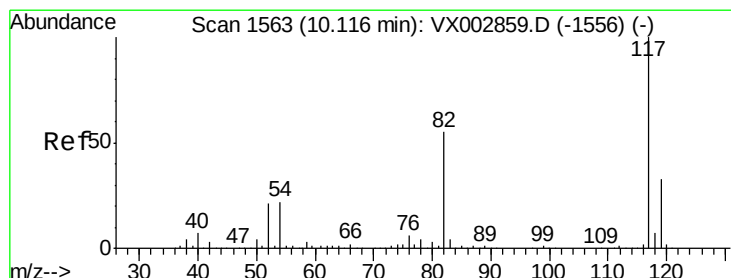
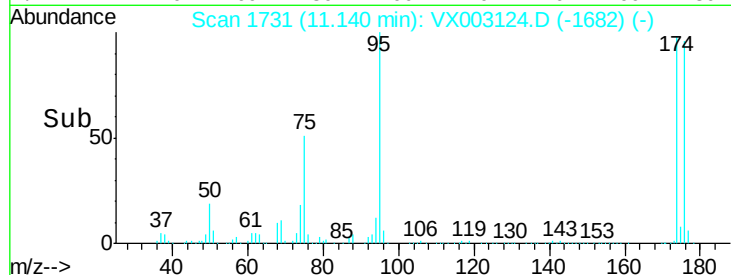
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003124.D

Acq: 02 Jul 2018 13:49

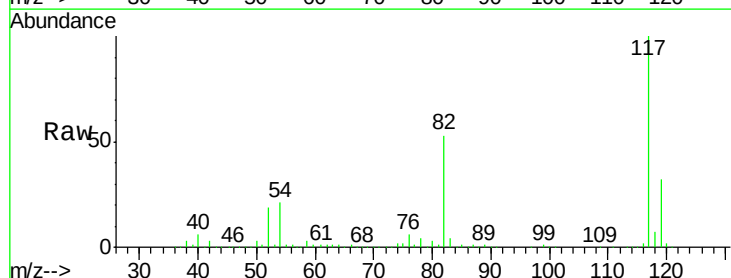
Tgt Ion: 117 Resp: 366023

Ion Ratio Lower Upper

117 100

82 52.7 45.0 67.4

119 32.1 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VX002859.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX002859.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX002859.D (-1556) (-)

10.12

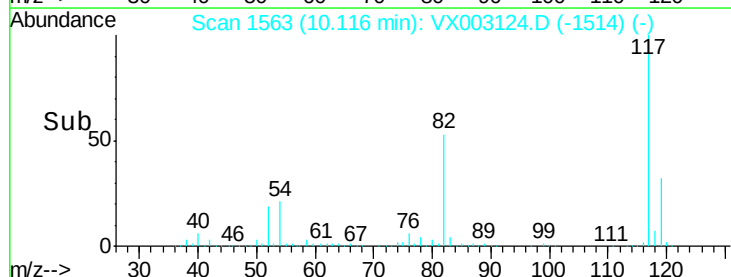
300000

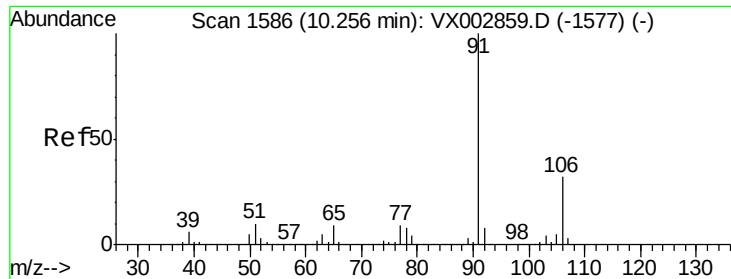
200000

100000

0

Time-->

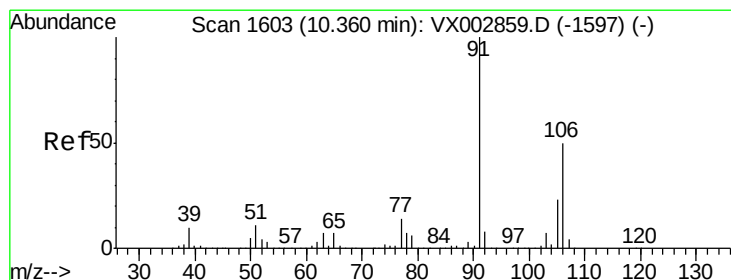
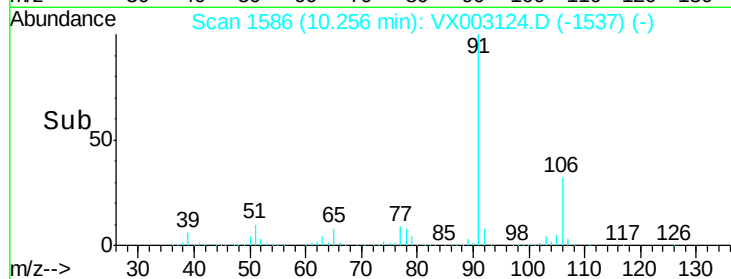
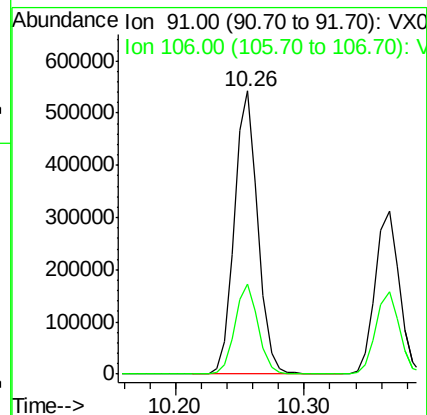
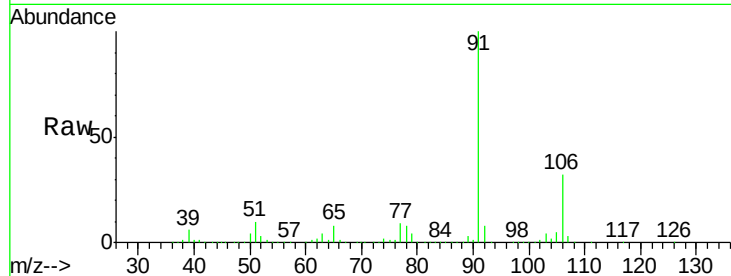




#67
Ethyl Benzene
Concen: 45.08 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003124.D
Acq: 02 Jul 2018 13:49

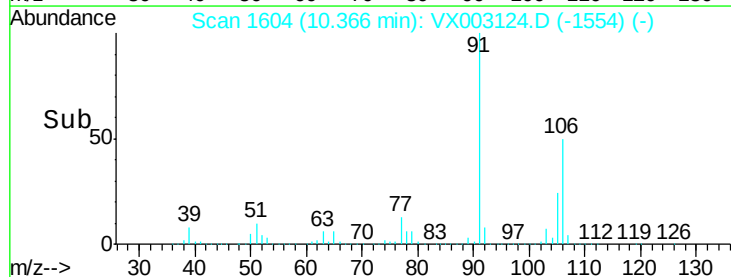
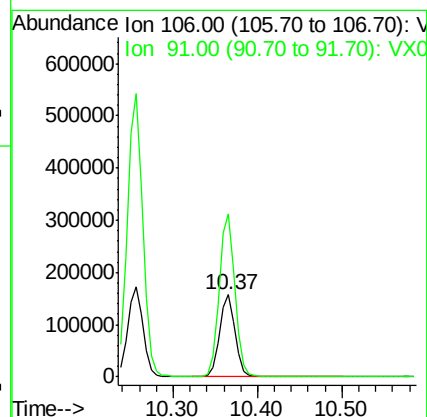
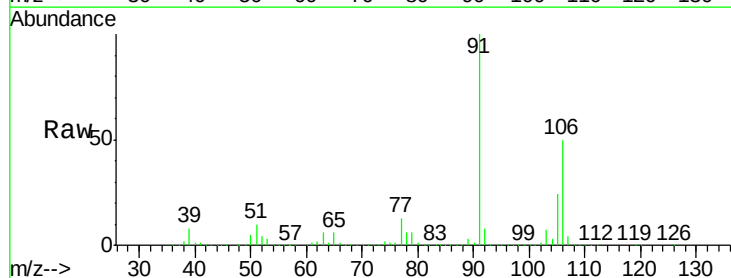
Instrument :
MSVOA_X
ClientSampled :
S22-0041DL

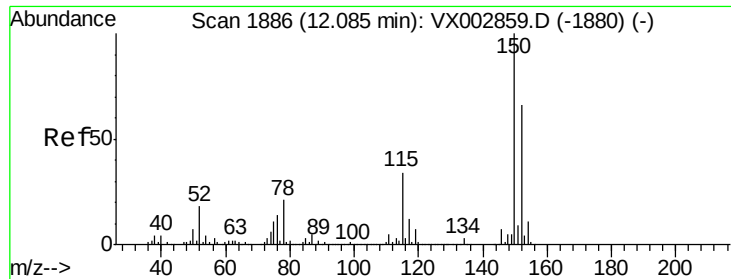
Tot Ion: 91 Resp: 692343
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3



#68
m/p-Xylenes
Concen: 33.80 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003124.D
Acq: 02 Jul 2018 13:49

Tgt Ion: 106 Resp: 200081
Ion Ratio Lower Upper
106 100
91 200.7 163.4 245.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003124.D

Acq: 02 Jul 2018 13:49

Instrument :

MSVOA_X

ClientSampleID :

S22-0041DL

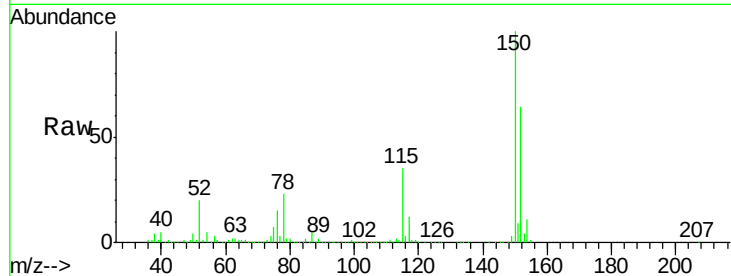
Tot Ion:152 Resp: 218143

Ion Ratio Lower Upper

152 100

115 53.8 40.1 120.2

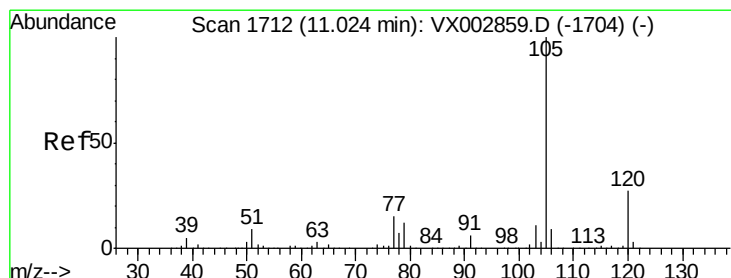
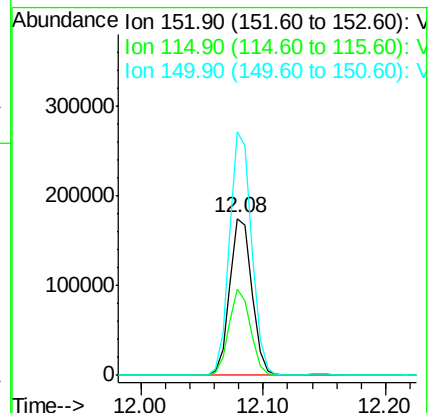
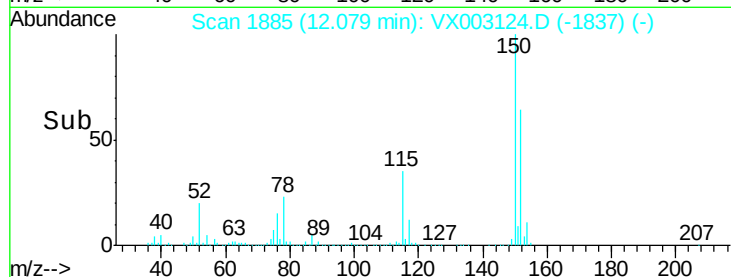
150 154.8 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 8.82 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003124.D

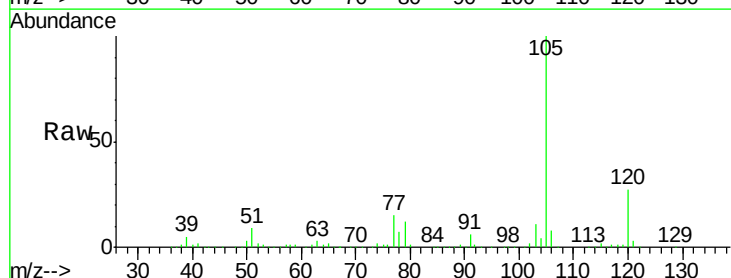
Acq: 02 Jul 2018 13:49

Tgt Ion:105 Resp: 129448

Ion Ratio Lower Upper

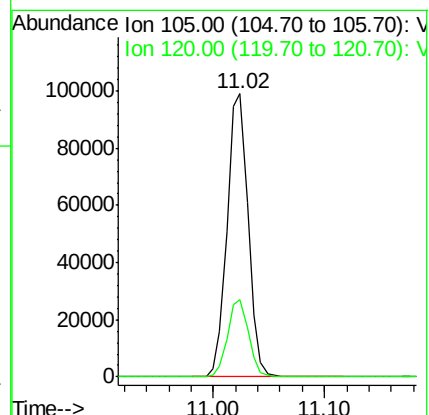
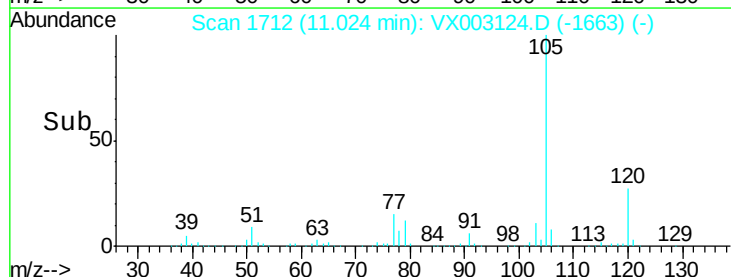
105 100

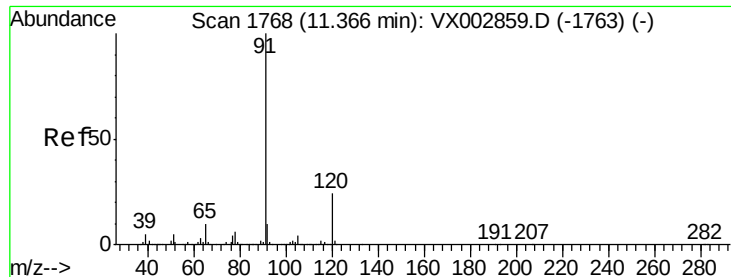
120 27.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 7.37 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003124.D

Acq: 02 Jul 2018 13:49

Instrument :

MSVOA_X

ClientSampled :

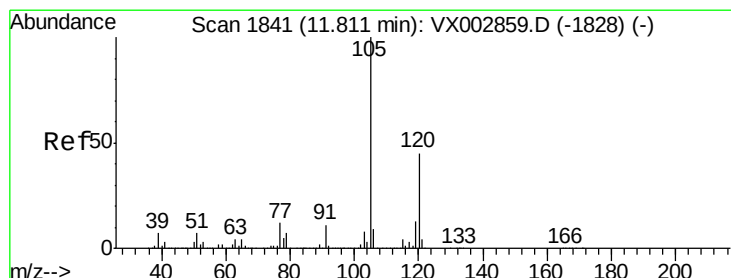
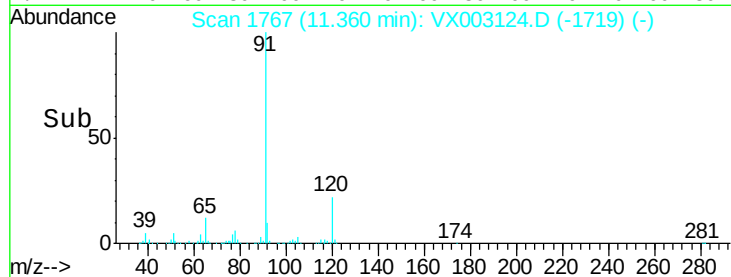
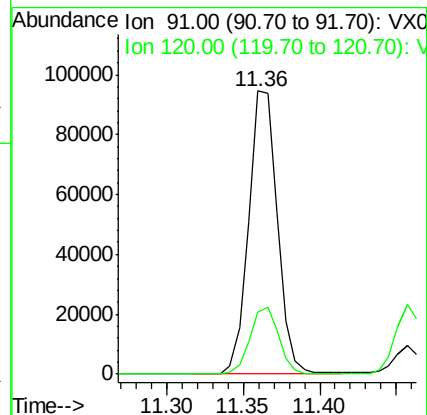
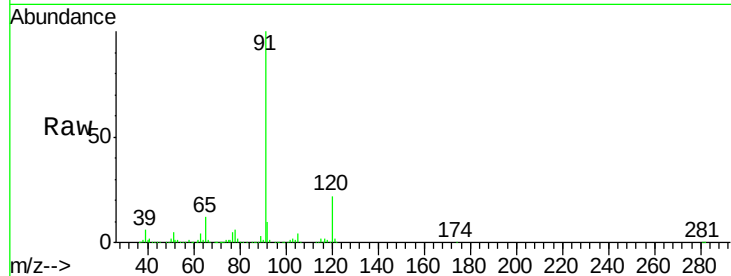
S22-0041DL

Tot Ion: 91 Resp: 123145

Ion Ratio Lower Upper

91 100

120 23.6 11.8 35.4



#84

1,2,4-Trimethylbenzene

Concen: 10.78 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX003124.D

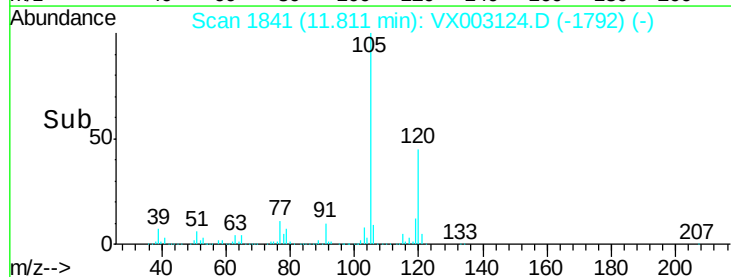
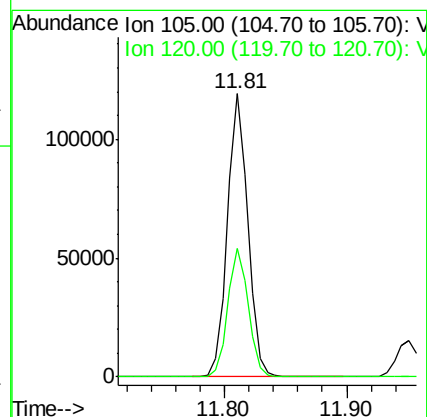
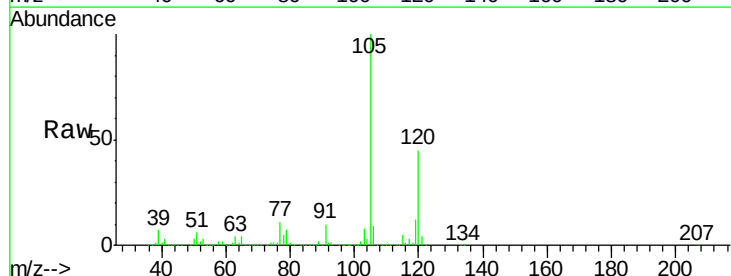
Acq: 02 Jul 2018 13:49

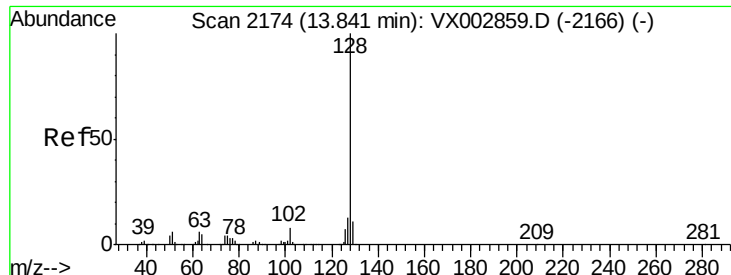
Tgt Ion:105 Resp: 138093

Ion Ratio Lower Upper

105 100

120 45.7 22.3 66.8

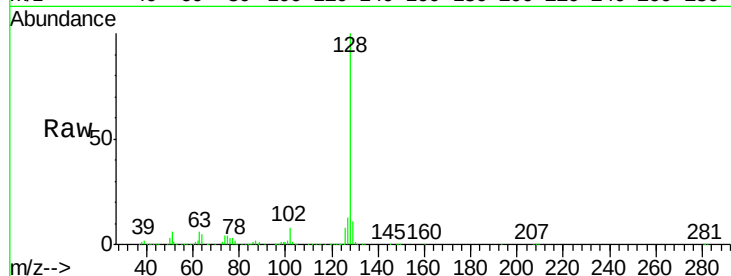




#95
Naphthalene
Concen: 8.92 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX003124.D
Acq: 02 Jul 2018 13:49

Instrument :
MSVOA_X
ClientSampleId :
S22-0041DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.2	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

