

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003173.D
 Acq On : 05 Jul 2018 15:40
 Operator : JC/MD
 Sample : J3754-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0143

Quant Time: Jul 05 17:48:07 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	274591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	382795	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197574	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	175511	46.24	ug/l	0.00
Spiked Amount			Recovery	=	92.48%	
35) Dibromofluoromethane	5.51	113	145348	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
50) Toluene-d8	8.72	98	539300	48.72	ug/l	0.00
Spiked Amount			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	11.14	95	183428	42.97	ug/l	0.00
Spiked Amount			Recovery	=	85.94%	

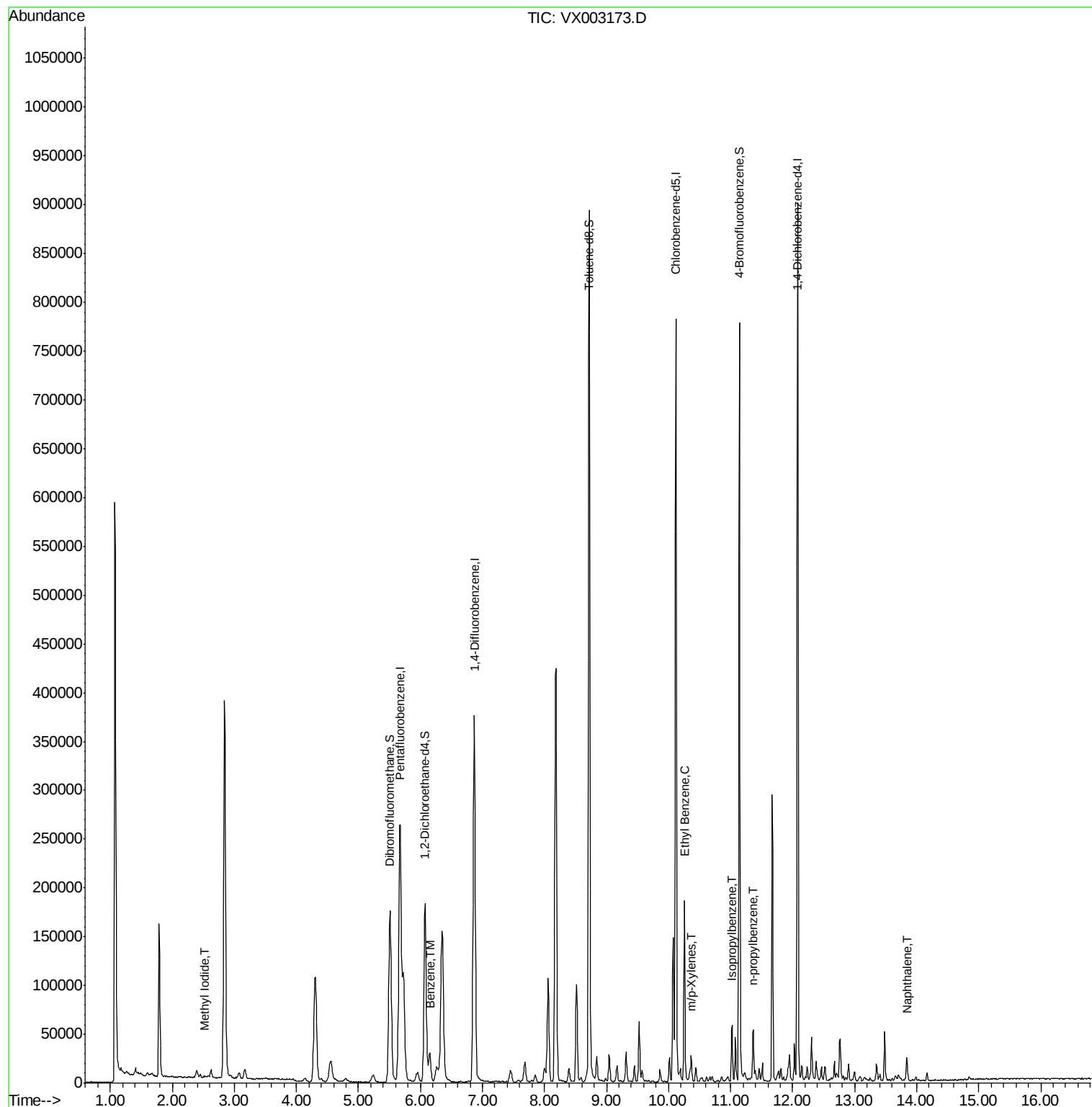
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	2424	6.92	ug/l	98
40) Benzene	6.15	78	34053	2.79	ug/l	97
67) Ethyl Benzene	10.26	91	104525	6.91	ug/l	100
68) m/p-Xylenes	10.37	106	5974	1.02	ug/l	91
73) Isopropylbenzene	11.02	105	27886	2.10	ug/l	99
78) n-propylbenzene	11.37	91	31150	2.06	ug/l	98
95) Naphthalene	13.84	128	14051	1.04	ug/l #	95

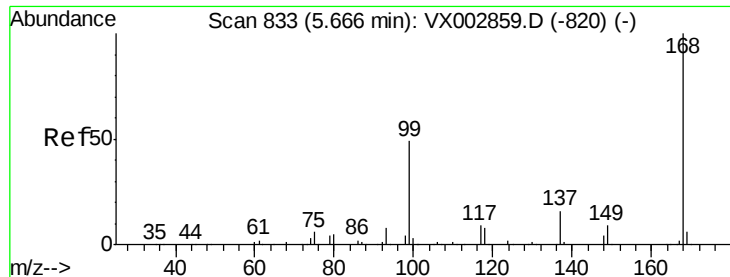
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 834

Delta R.T. 0.01 min

Lab File: VX003173.D

Acq: 05 Jul 2018 15:40

Instrument :

MSVOA_X

ClientSampleId :

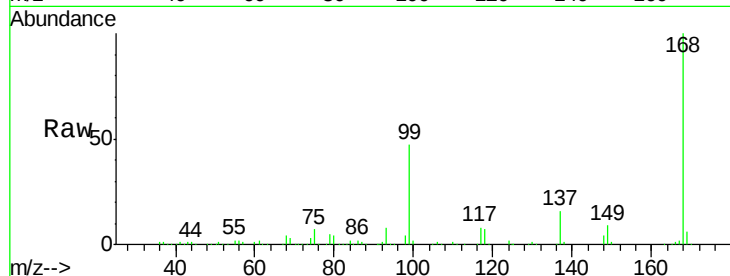
S10-0143

Tot Ion:168 Resp: 274591

Ion Ratio Lower Upper

168 100

99 47.5 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

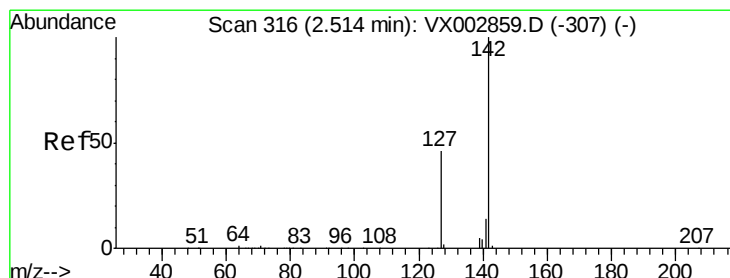
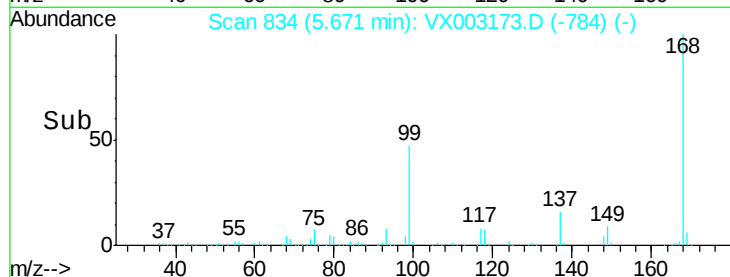
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 6.92 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003173.D

Acq: 05 Jul 2018 15:40

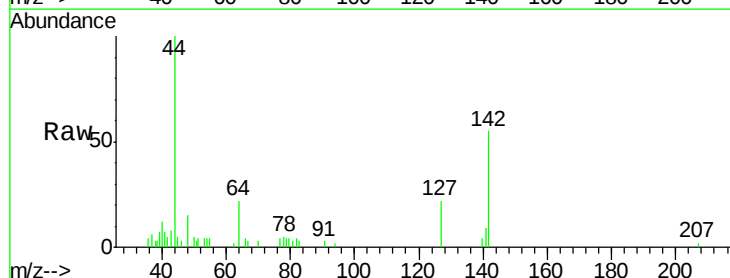
Tgt Ion:142 Resp: 2424

Ion Ratio Lower Upper

142 100

127 45.0 36.6 55.0

141 15.6 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.52

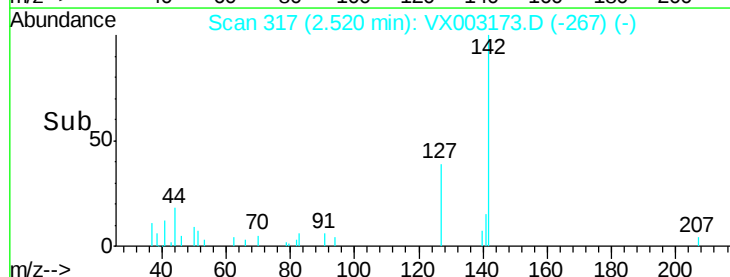
1500

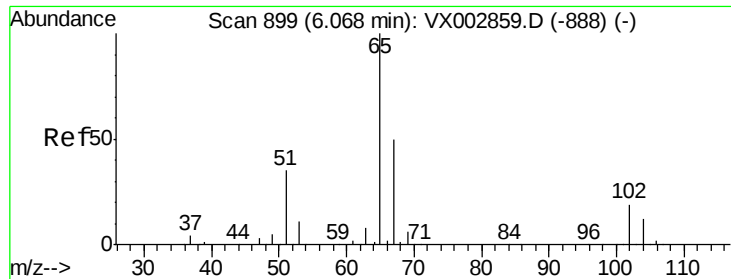
1000

500

0

Time--> 2.45 2.50 2.55 2.60





#33

1,2-Dichloroethane-d4

Concen: 46.24 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003173.D

Acq: 05 Jul 2018 15:40

Instrument :

MSVOA_X

ClientSampleId :

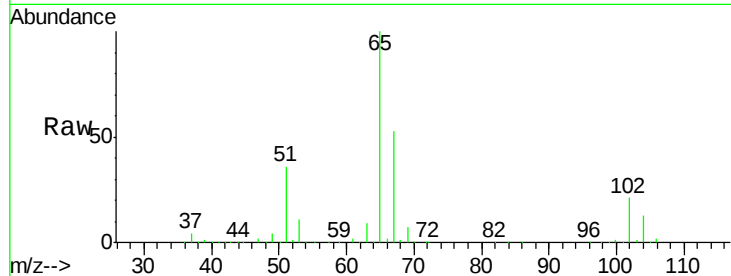
S10-0143

Tot Ion: 65 Resp: 17511

Ion Ratio Lower Upper

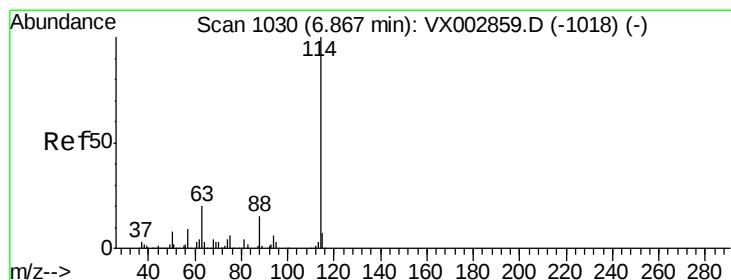
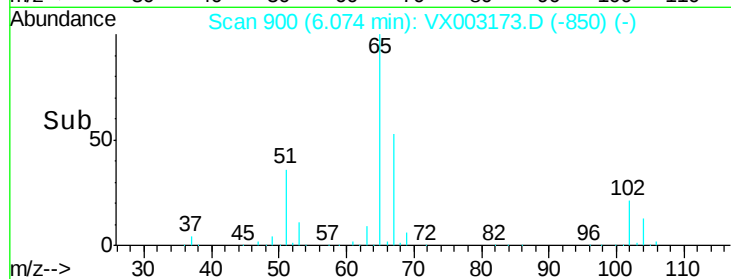
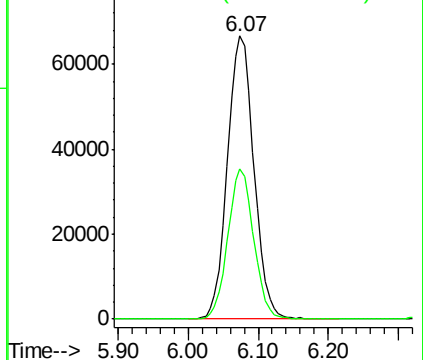
65 100

67 51.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003173.D

Acq: 05 Jul 2018 15:40

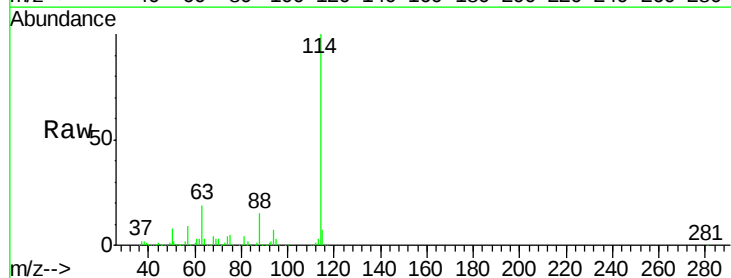
Tgt Ion: 114 Resp: 382795

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.4

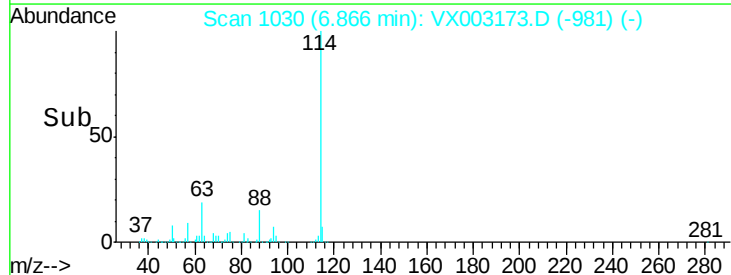
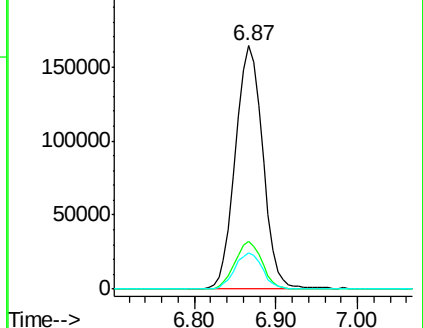
88 15.1 0.0 30.0

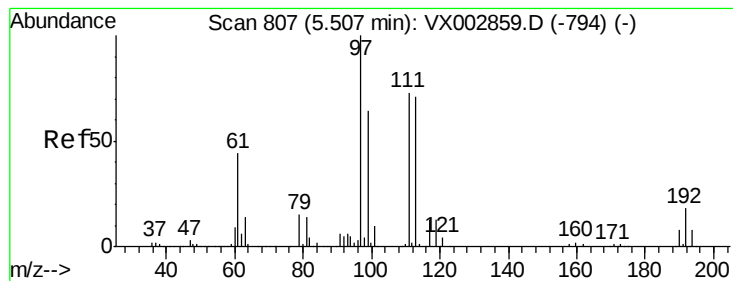


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.95 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003173.D

Acq: 05 Jul 2018 15:40

Instrument :

MSVOA_X

ClientSampleId :

S10-0143

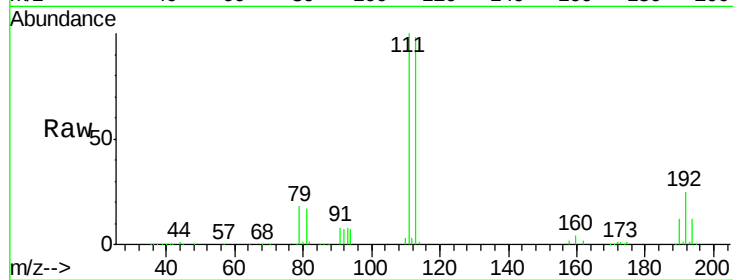
Tot Ion:113 Resp: 145348

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

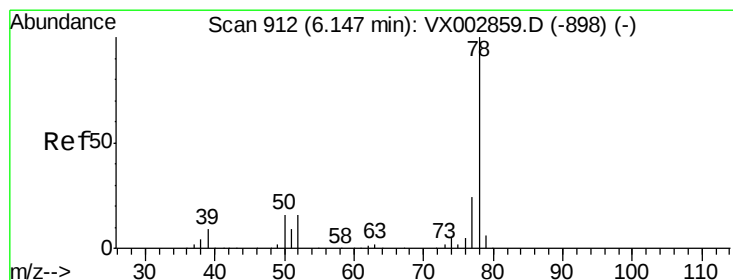
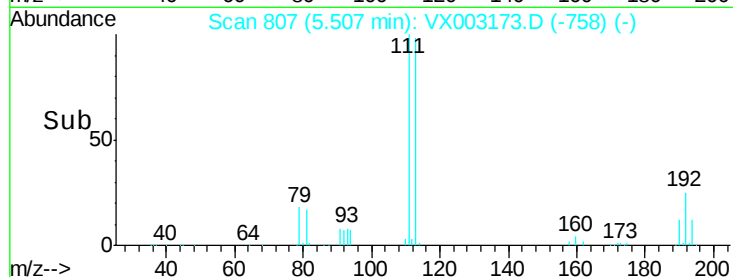
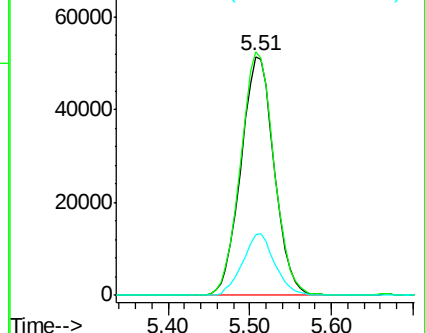
192 25.1 19.1 28.7



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



#40

Benzene

Concen: 2.79 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.01 min

Lab File: VX003173.D

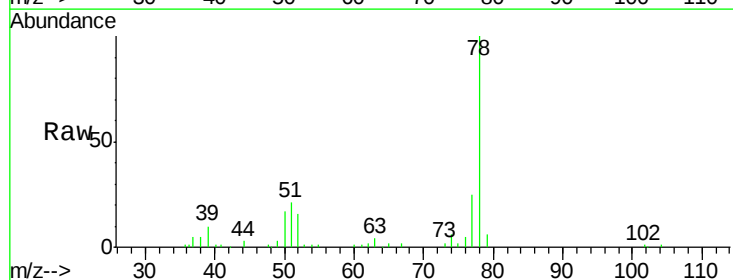
Acq: 05 Jul 2018 15:40

Tgt Ion: 78 Resp: 34053

Ion Ratio Lower Upper

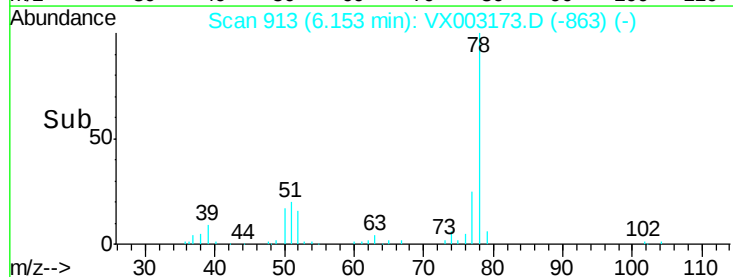
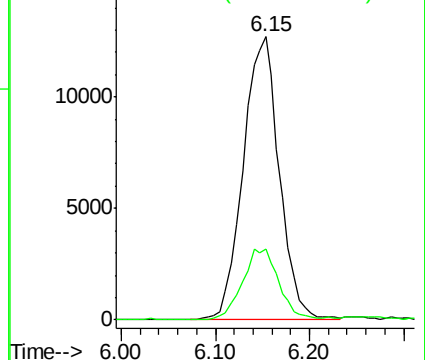
78 100

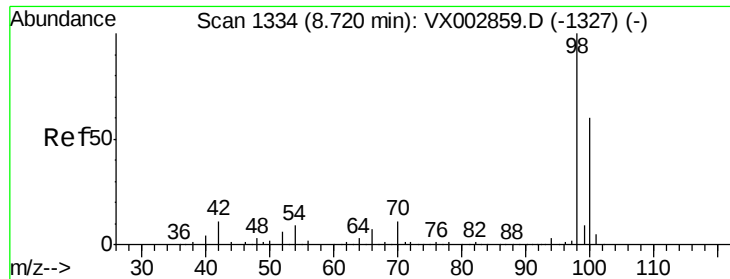
77 25.3 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

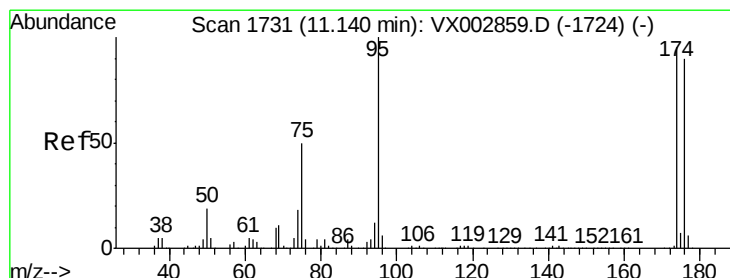
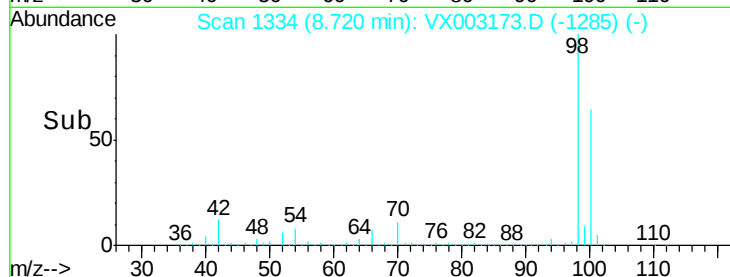
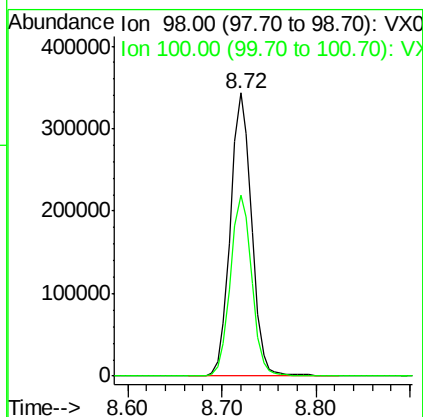
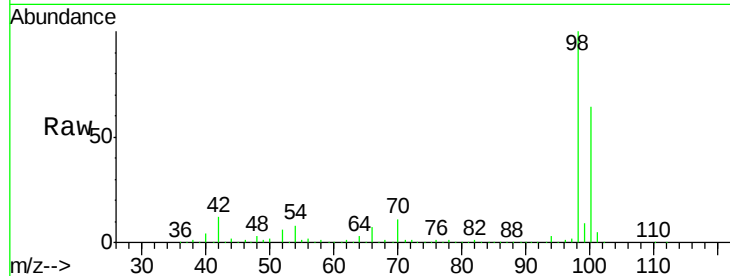




#50
Toluene-d8
Concen: 48.72 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003173.D
Acq: 05 Jul 2018 15:40

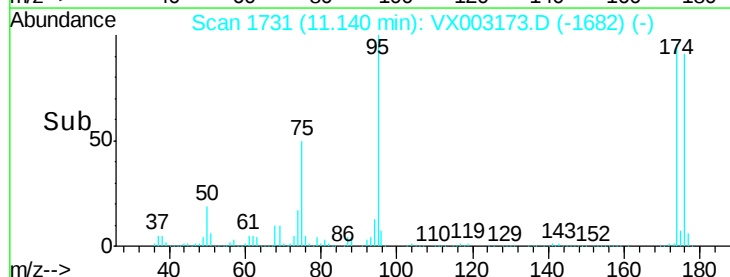
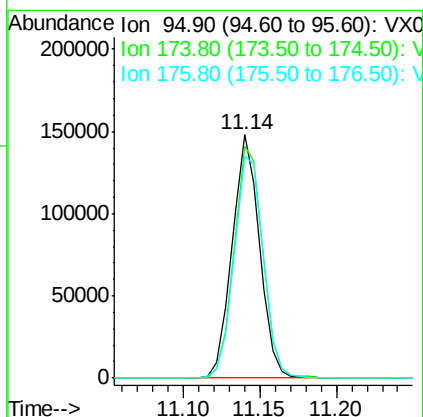
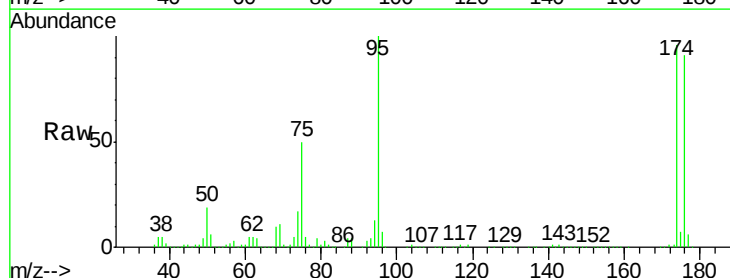
Instrument :
MSVOA_X
ClientSampleId :
S10-0143

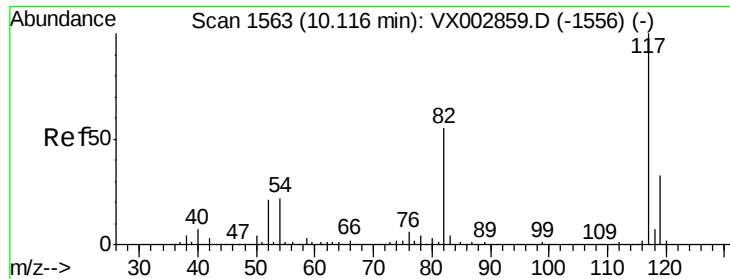
Tot Ion: 98 Resp: 539300
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 42.97 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003173.D
Acq: 05 Jul 2018 15:40

Tgt Ion: 95 Resp: 183428
Ion Ratio Lower Upper
95 100
174 100.1 0.0 187.4
176 97.2 0.0 181.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003173.D

Acq: 05 Jul 2018 15:40

Instrument :

MSVOA_X

ClientSampleId :

S10-0143

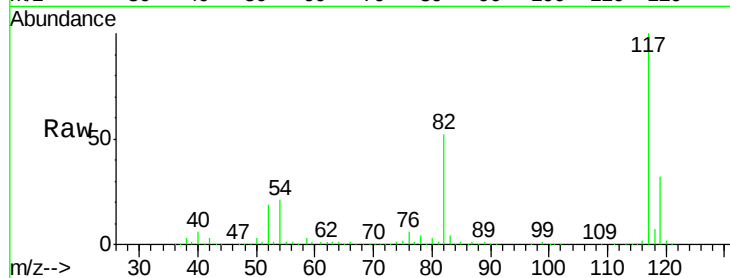
Tot Ion:117 Resp: 360508

Ion Ratio Lower Upper

117 100

82 52.4 45.0 67.4

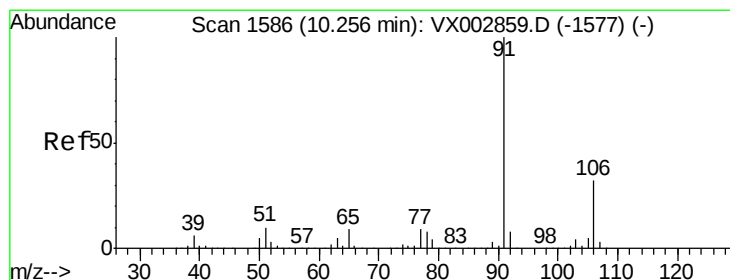
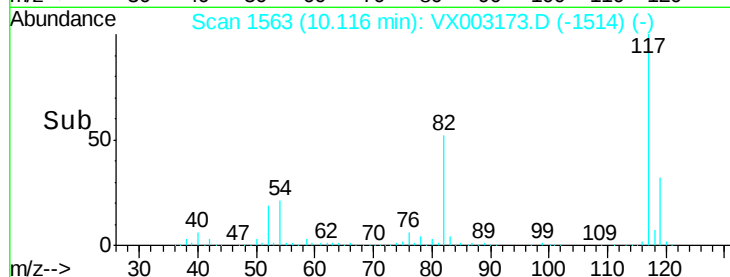
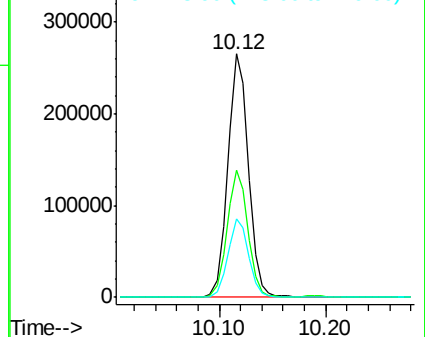
119 32.2 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 6.91 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003173.D

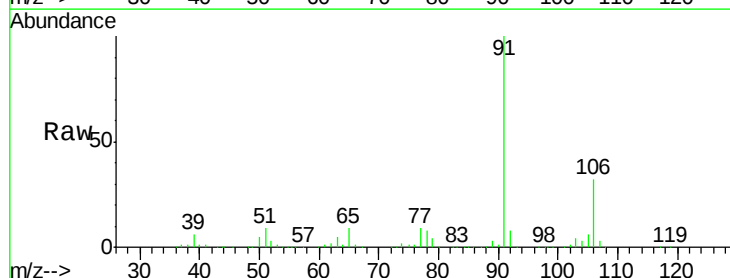
Acq: 05 Jul 2018 15:40

Tgt Ion: 91 Resp: 104525

Ion Ratio Lower Upper

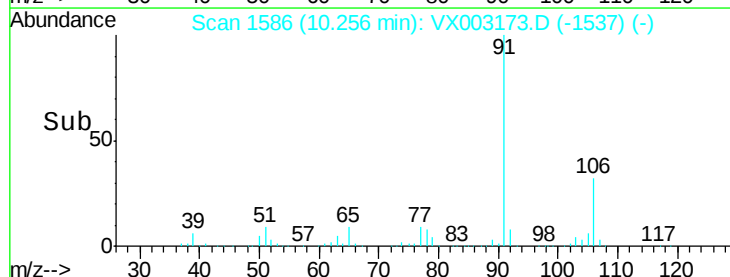
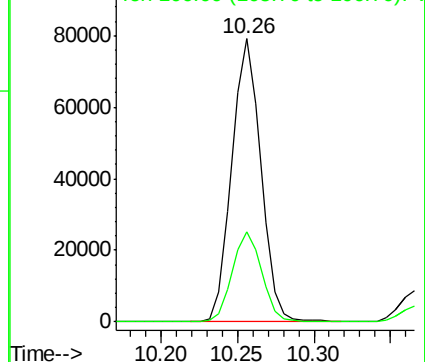
91 100

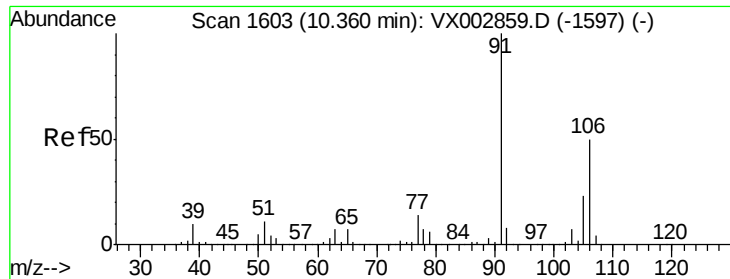
106 31.8 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

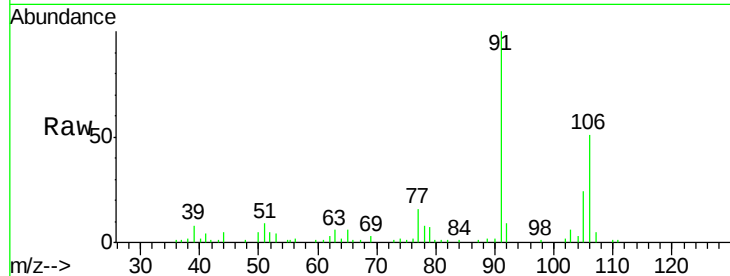




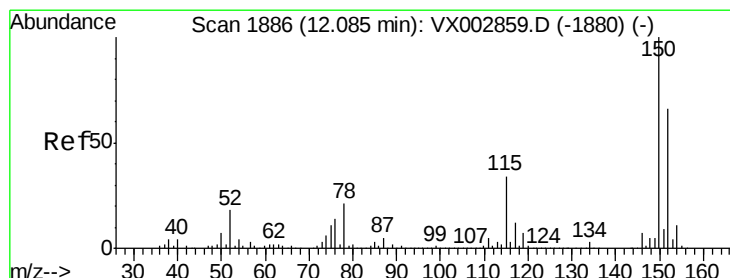
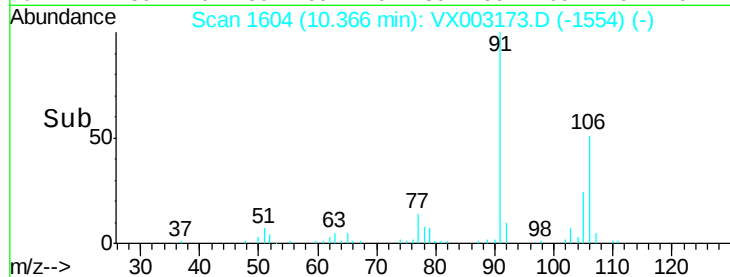
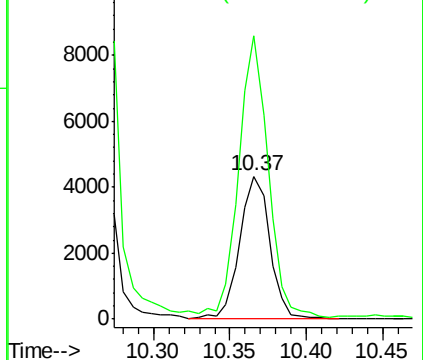
#68
m/p-Xvlenes
Concen: 1.02 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003173.D
Acq: 05 Jul 2018 15:40

Instrument :
MSVOA_X
ClientSampled :
S10-0143

Tot Ion:106 Resp: 5974
Ion Ratio Lower Upper
106 100
91 190.0 163.4 245.2

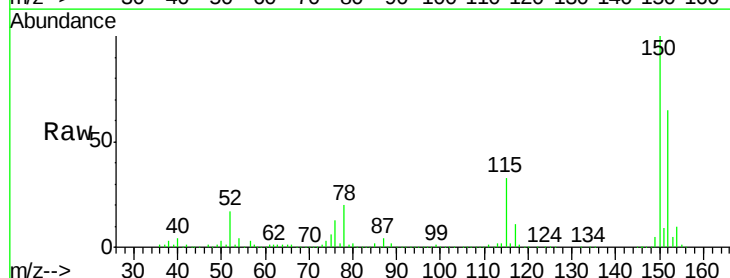


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

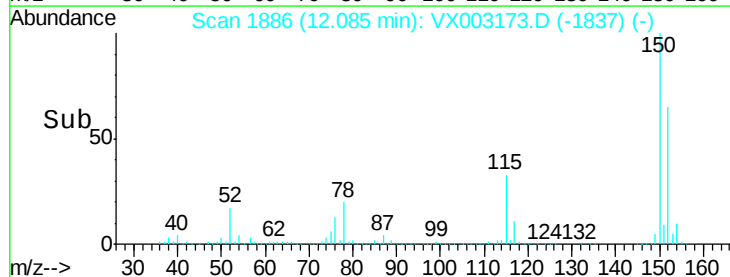
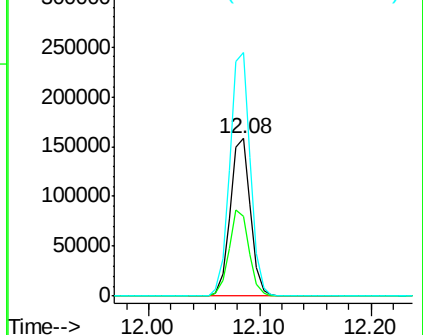


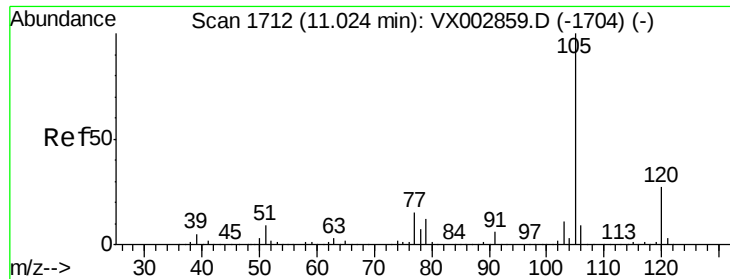
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX003173.D
Acq: 05 Jul 2018 15:40

Tgt Ion:152 Resp: 197574
Ion Ratio Lower Upper
152 100
115 53.9 40.1 120.2
150 156.6 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: 2.10 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003173.D

Acq: 05 Jul 2018 15:40

Instrument :

MSVOA_X

ClientSampleId :

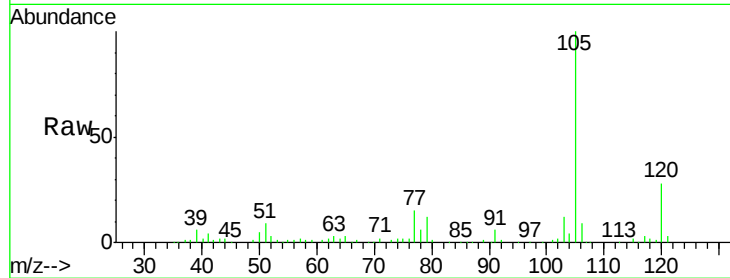
S10-0143

Tot Ion:105 Resp: 27886

Ion Ratio Lower Upper

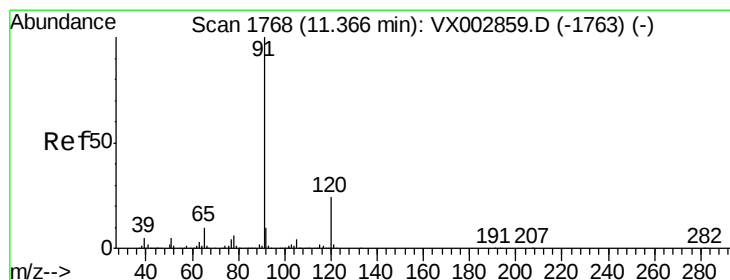
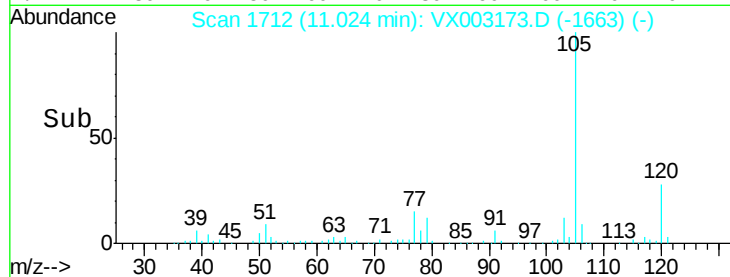
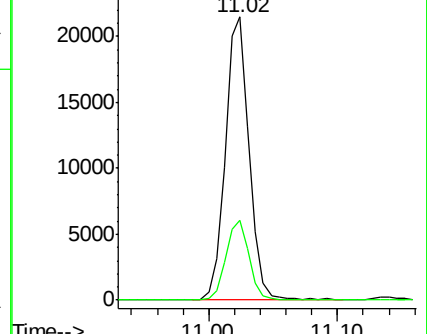
105 100

120 27.6 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: 2.06 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003173.D

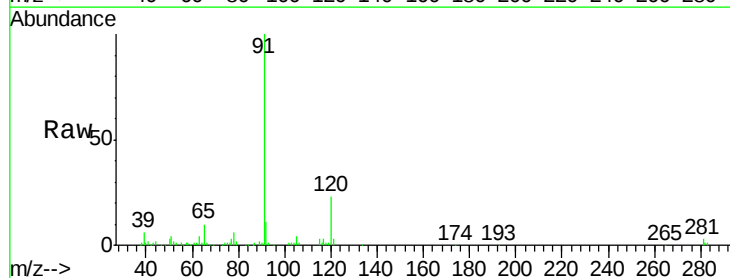
Acq: 05 Jul 2018 15:40

Tgt Ion: 91 Resp: 31150

Ion Ratio Lower Upper

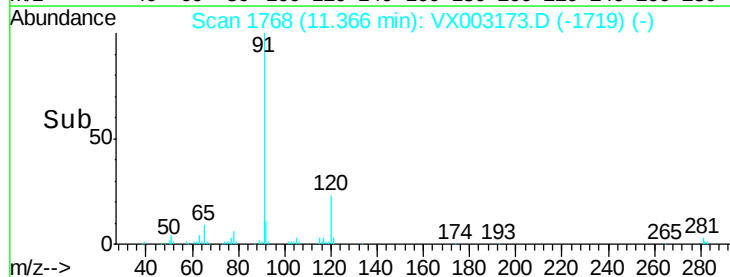
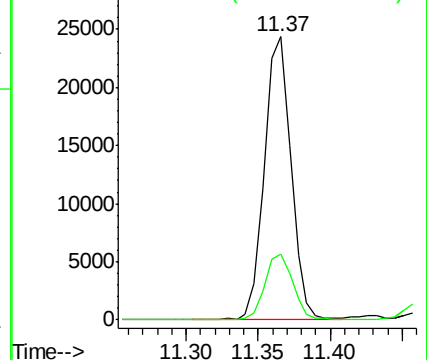
91 100

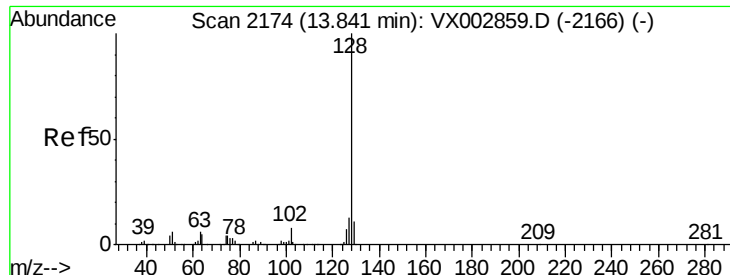
120 24.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 1.04 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003173.D

Acq: 05 Jul 2018 15:40

Instrument :

MSVOA_X

ClientSampleId :

S10-0143

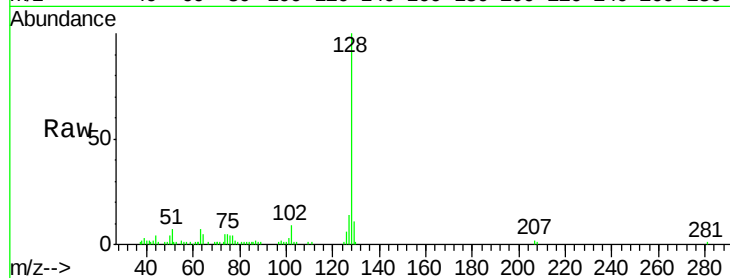
Tot Ion:128 Resp: 14051

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

129 14.0 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

