

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003058.D
 Acq On : 30 Jun 2018 04:42
 Operator : JC/MD
 Sample : J3675-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S81-0097

Quant Time: Jun 30 10:24:04 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	299414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	415432	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	390976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	237236	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	195264	47.18	ug/l	0.00
Spiked Amount			Recovery	=	94.36%	
35) Dibromofluoromethane	5.51	113	153367	46.62	ug/l	0.00
Spiked Amount			Recovery	=	93.24%	
50) Toluene-d8	8.72	98	583531	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
62) 4-Bromofluorobenzene	11.14	95	219467	47.37	ug/l	0.00
Spiked Amount			Recovery	=	94.74%	

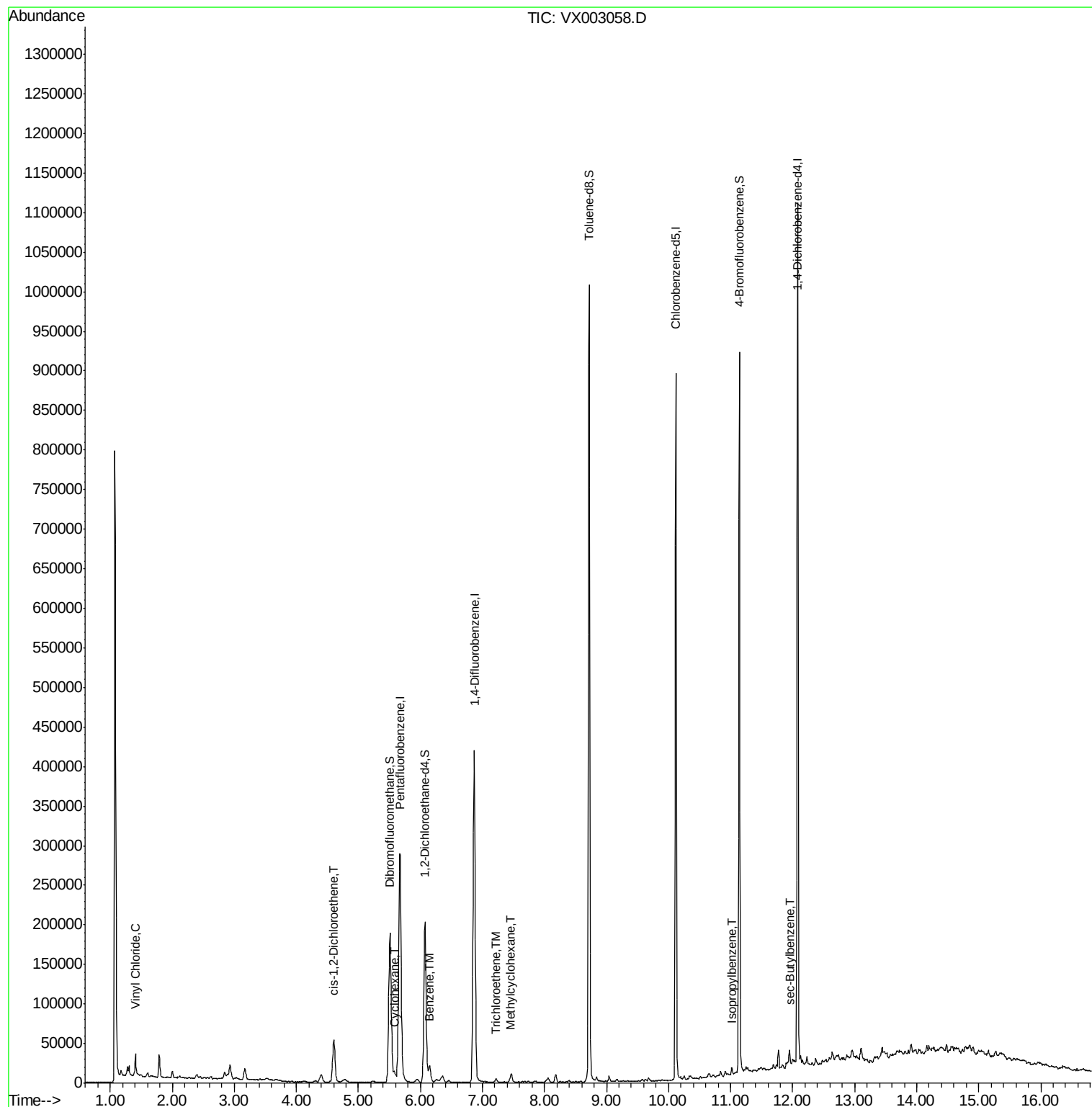
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	11508	3.40	ug/l #	65
27) cis-1,2-Dichloroethene	4.60	96	32413	8.99	ug/l	93
31) Cyclohexane	5.59	56	7758	1.49	ug/l	93
39) Methylcyclohexane	7.46	83	4048	0.76	ug/l	96
40) Benzene	6.15	78	22745	1.72	ug/l	98
44) Trichloroethene	7.22	130	1599	0.41	ug/l	80
73) Isopropylbenzene	11.02	105	4719	0.30	ug/l	86
85) sec-Butylbenzene	11.95	105	7155	0.45	ug/l #	71

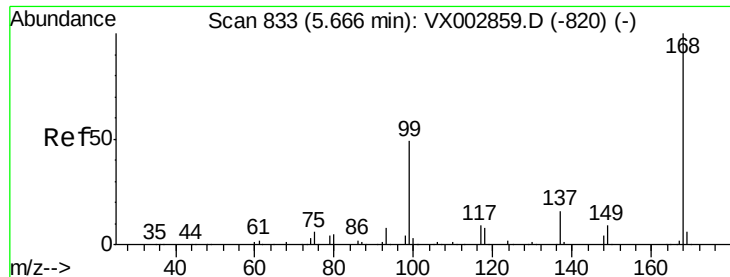
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003058.D

Acq: 30 Jun 2018 04:42

Instrument :

MSVOA_X

ClientSampleId :

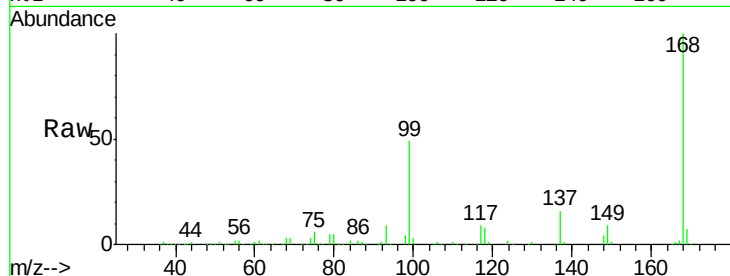
S81-0097

Tot Ion:168 Resp: 299414

Ion Ratio Lower Upper

168 100

99 49.0 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

120000

100000

80000

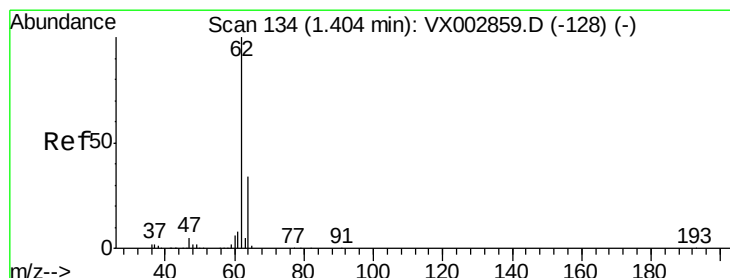
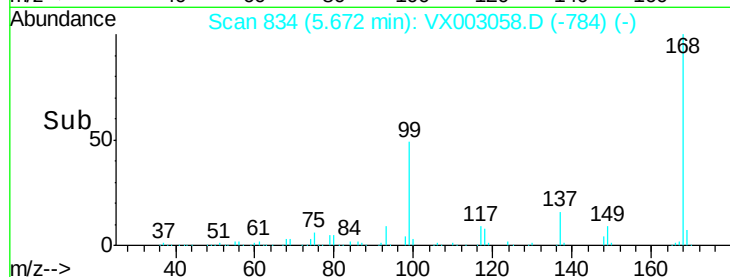
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 3.40 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003058.D

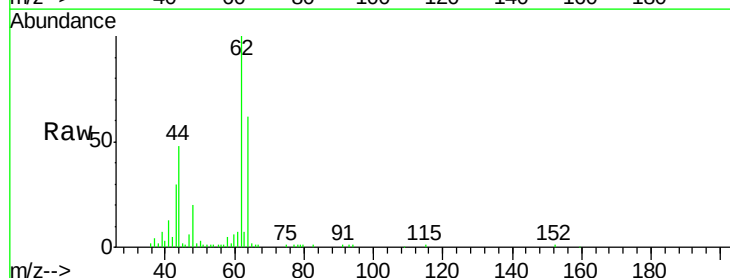
Acq: 30 Jun 2018 04:42

Tgt Ion: 62 Resp: 11508

Ion Ratio Lower Upper

62 100

64 51.4 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

12000

10000

8000

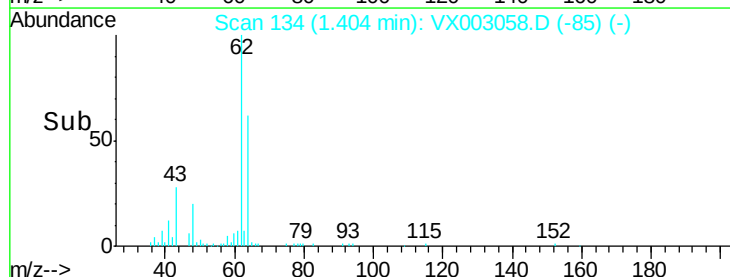
6000

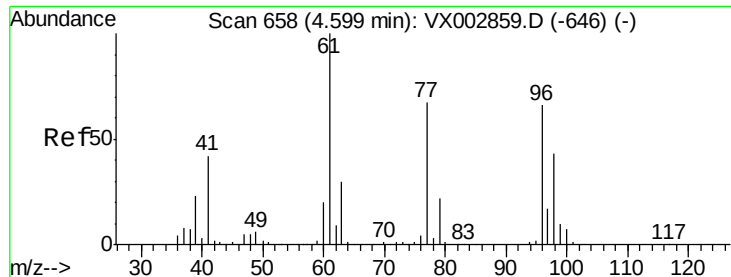
4000

2000

0

Time--> 1.35 1.40 1.45 1.50





#27

cis-1,2-Dichloroethene

Concen: 8.99 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003058.D

Acq: 30 Jun 2018 04:42

Instrument :

MSVOA_X

ClientSampleId :

S81-0097

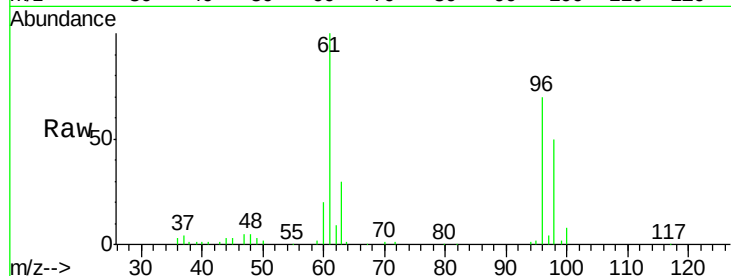
Tot Ion: 96 Resp: 32413

Ion Ratio Lower Upper

96 100

61 152.9 0.0 330.2

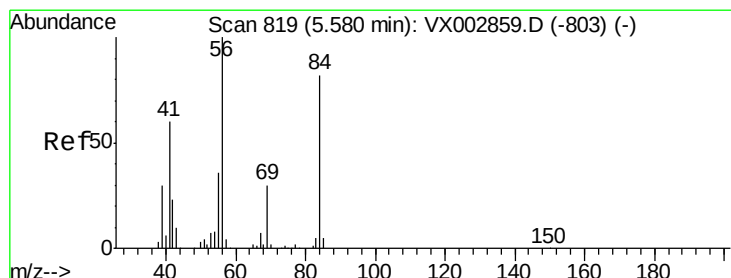
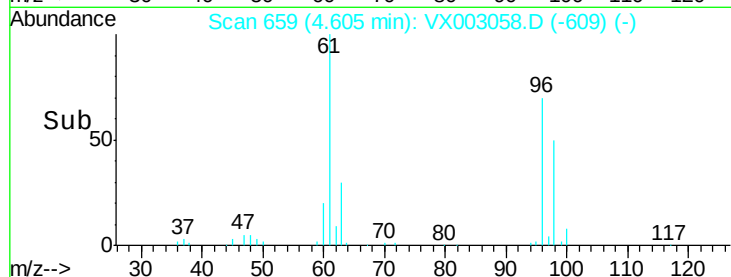
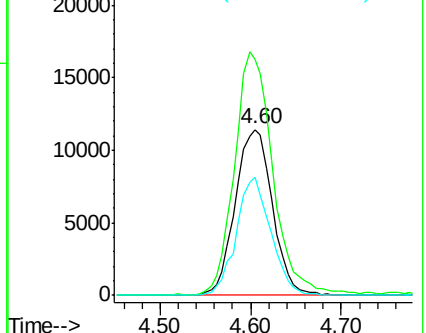
98 66.5 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#31

Cyclohexane

Concen: 1.49 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX003058.D

Acq: 30 Jun 2018 04:42

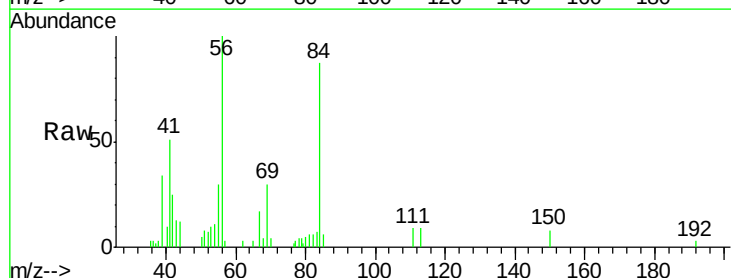
Tgt Ion: 56 Resp: 7758

Ion Ratio Lower Upper

56 100

69 26.8 23.7 35.5

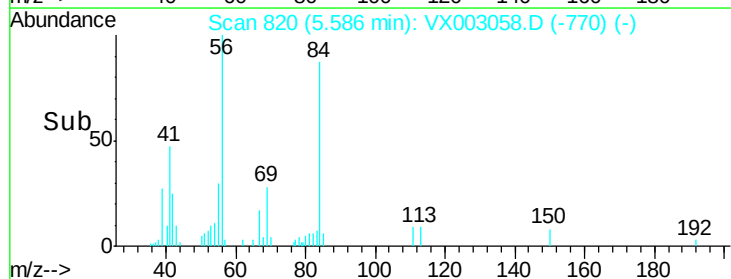
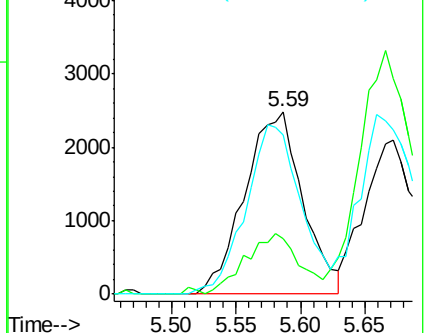
84 87.2 64.1 96.1

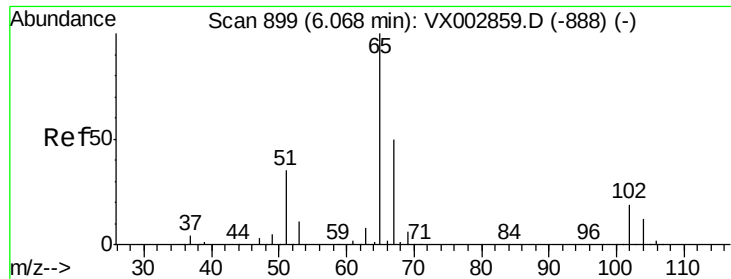


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

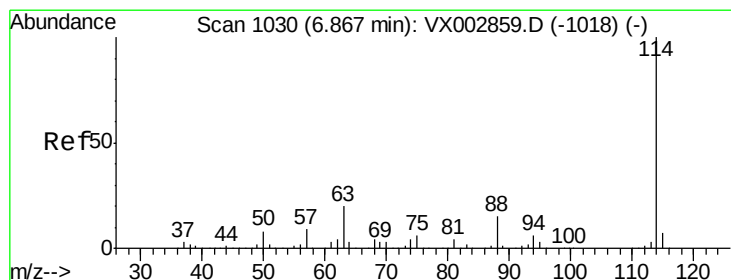
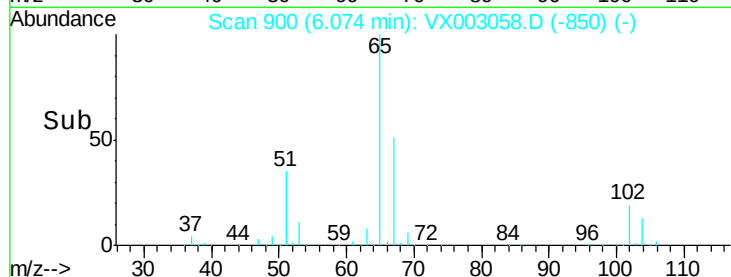
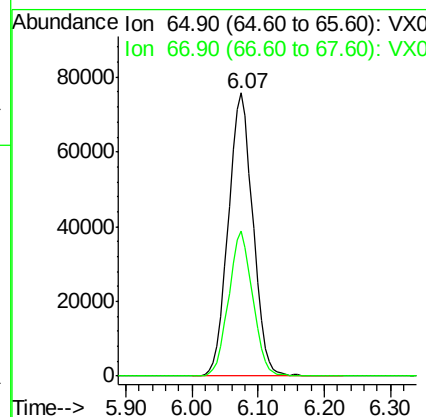
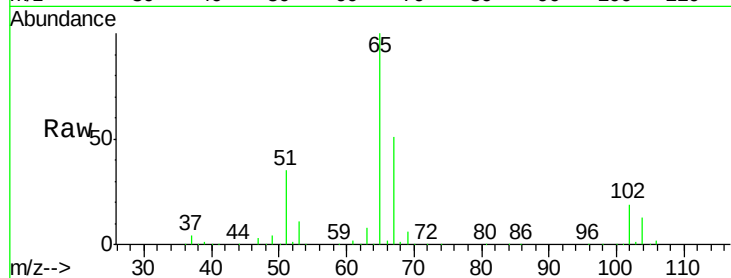




#33
 1,2-Dichloroethane-d4
 Concen: 47.18 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003058.D
 Acq: 30 Jun 2018 04:42

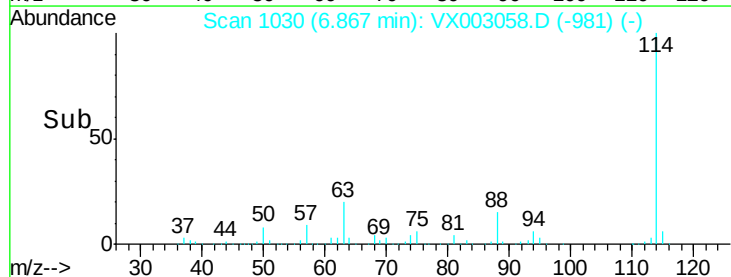
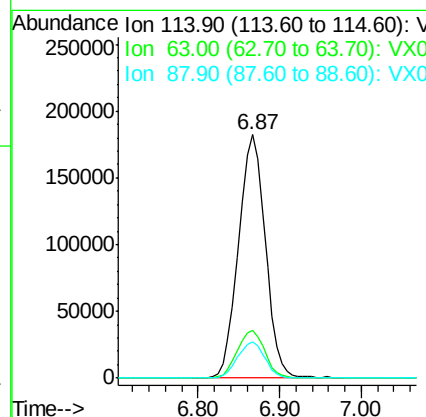
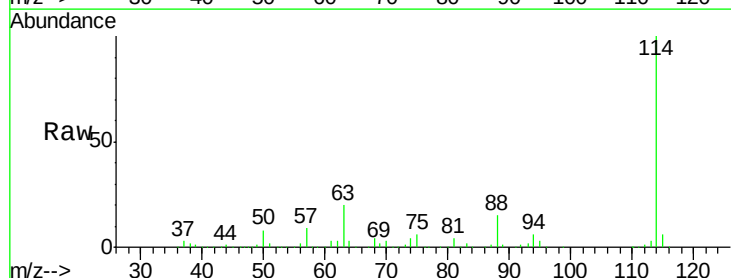
Instrument :
 MSVOA_X
 ClientSampleId :
 S81-0097

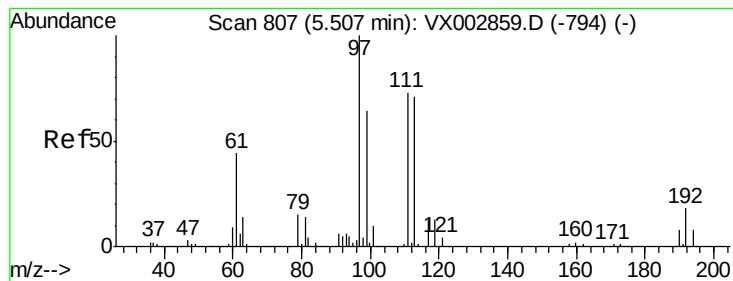
Tot Ion: 65 Resp: 195264
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003058.D
 Acq: 30 Jun 2018 04:42

Tgt Ion: 114 Resp: 415432
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.4
 88 14.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 46.62 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003058.D

Acq: 30 Jun 2018 04:42

Instrument :

MSVOA_X

ClientSampleId :

S81-0097

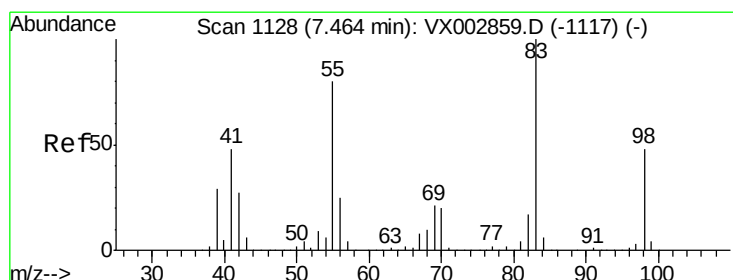
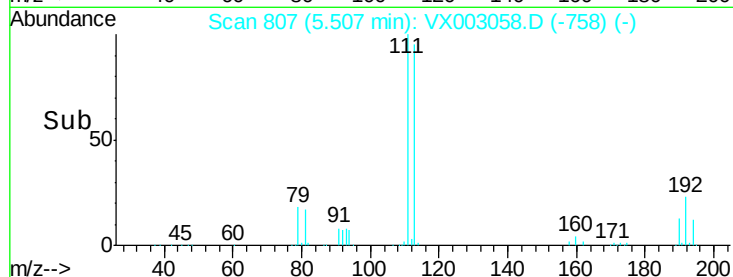
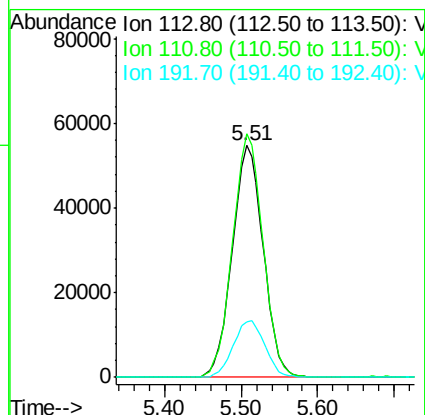
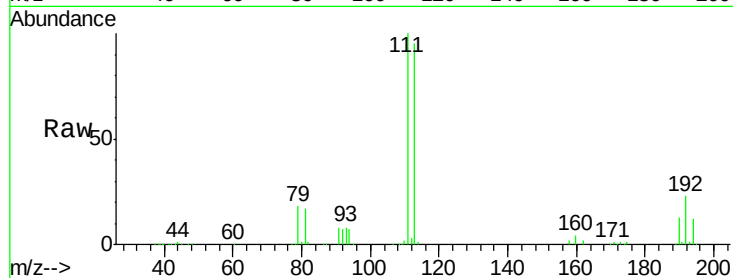
Tot Ion:113 Resp: 153367

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 25.0 19.1 28.7



#39

Methylcyclohexane

Concen: 0.76 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX003058.D

Acq: 30 Jun 2018 04:42

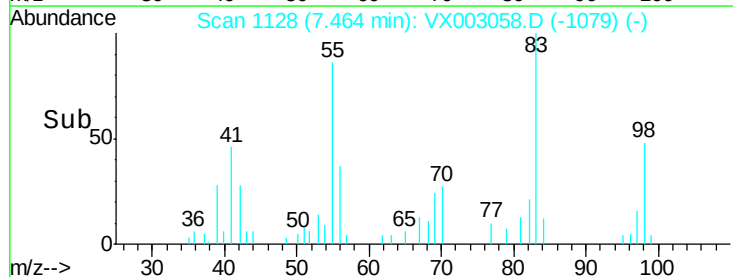
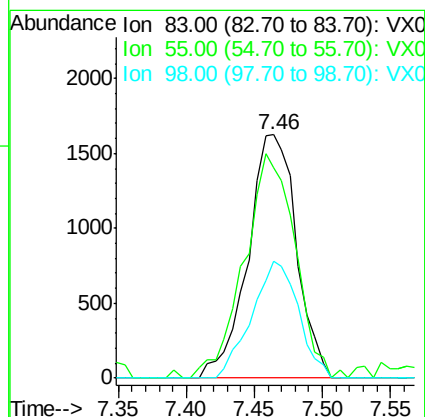
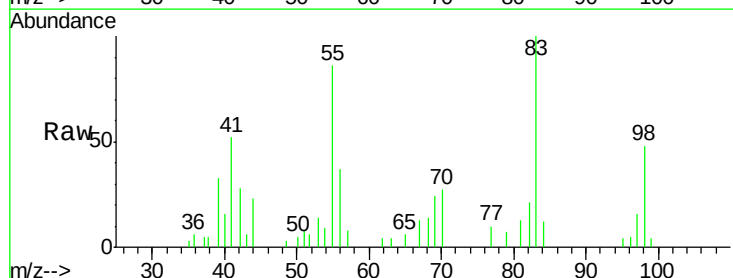
Tgt Ion: 83 Resp: 4048

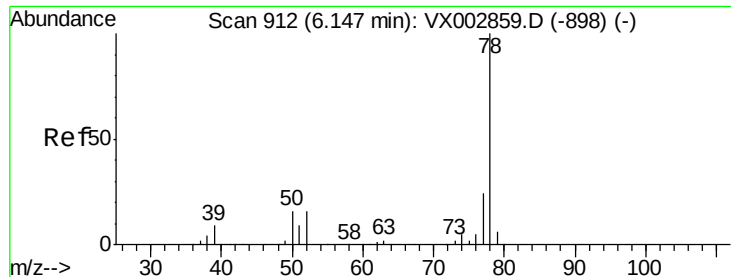
Ion Ratio Lower Upper

83 100

55 86.3 65.4 98.0

98 48.1 37.4 56.0





#40

Benzene

Concen: 1.72 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX003058.D

Acq: 30 Jun 2018 04:42

Instrument :

MSVOA_X

ClientSampleId :

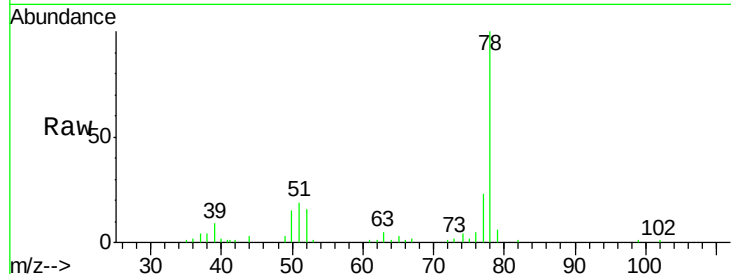
S81-0097

Tot Ion: 78 Resp: 22745

Ion Ratio Lower Upper

78 100

77 22.8 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

10000

8000

6000

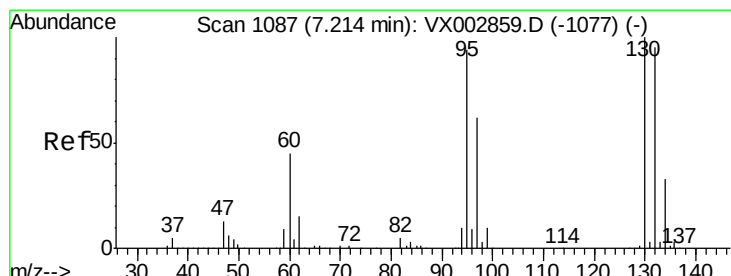
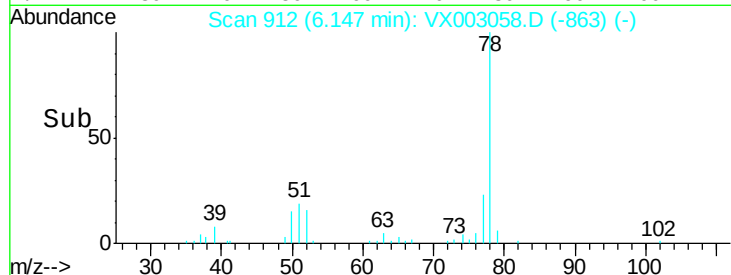
4000

2000

0

6.10 6.20

Time-->



#44

Trichloroethene

Concen: 0.41 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003058.D

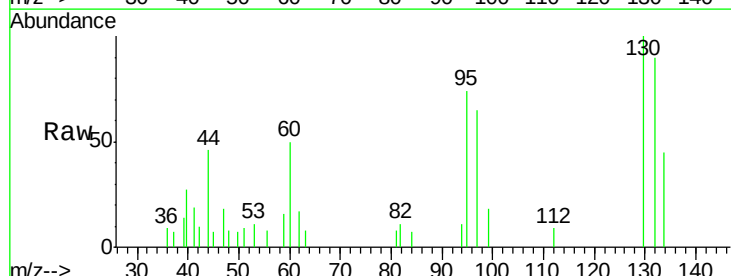
Acq: 30 Jun 2018 04:42

Tgt Ion:130 Resp: 1599

Ion Ratio Lower Upper

130 100

95 73.7 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

800

600

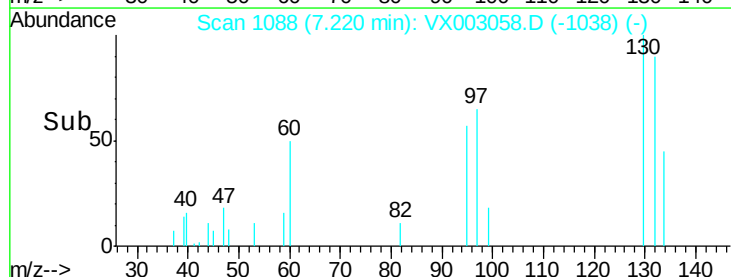
400

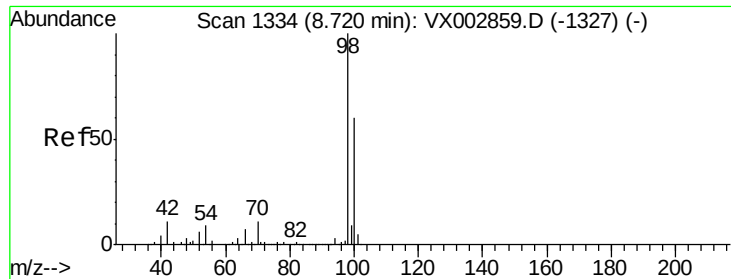
200

0

7.15 7.20 7.25

Time-->

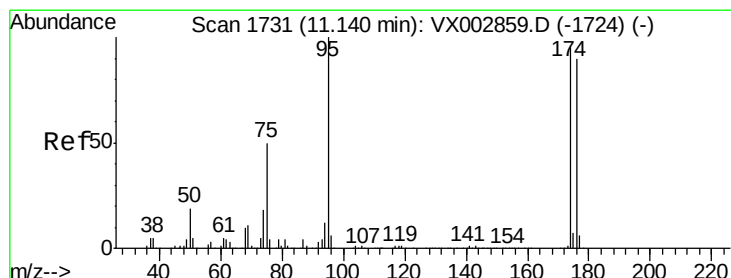
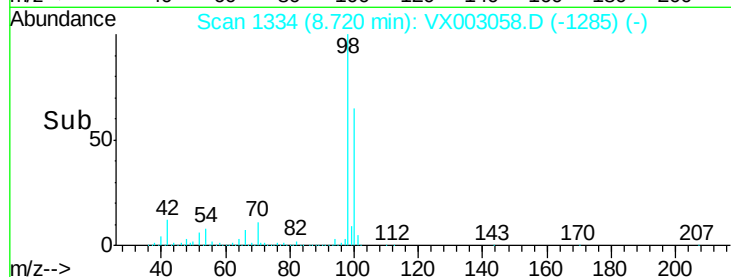
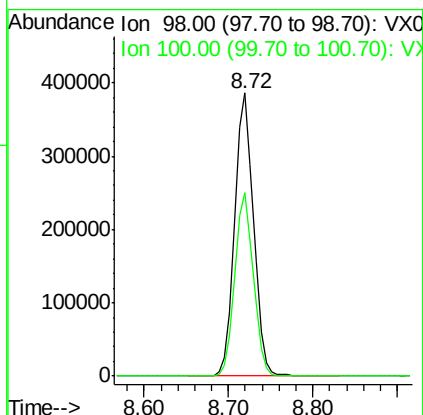
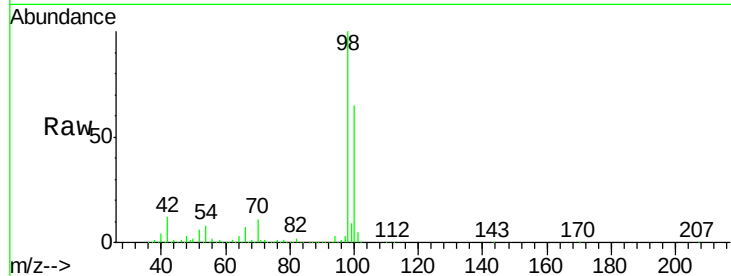




#50
Toluene-d8
Concen: 48.57 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003058.D
Acq: 30 Jun 2018 04:42

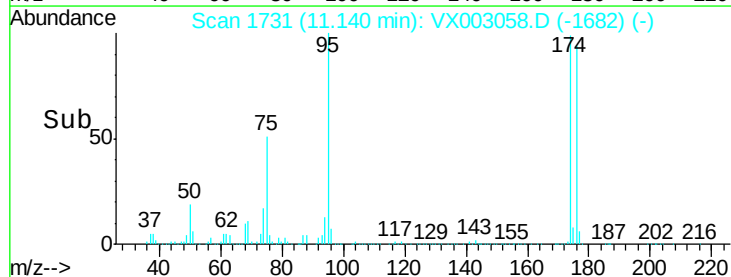
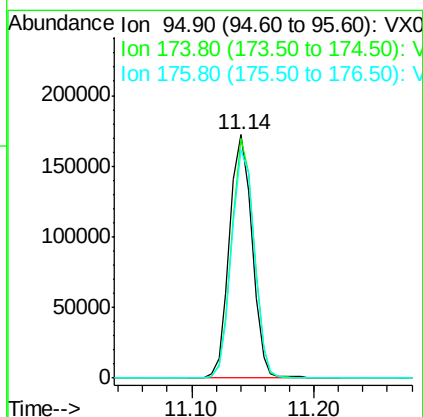
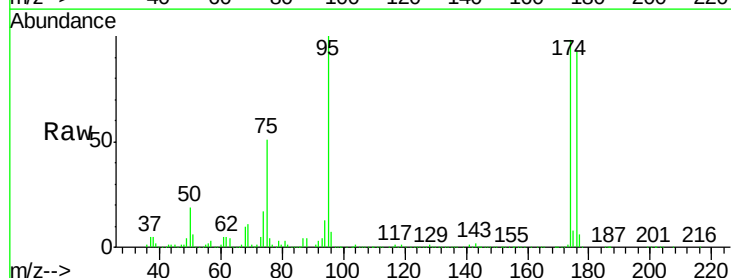
Instrument :
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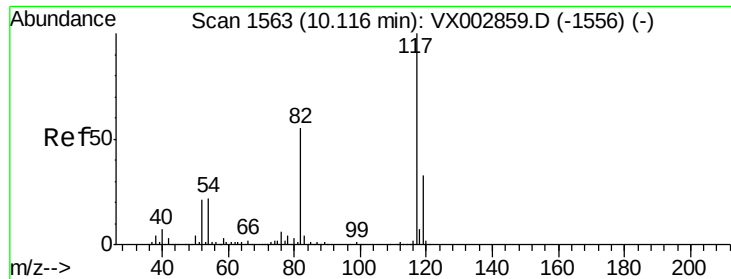
Tot Ion: 98 Resp: 583531
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.37 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003058.D
Acq: 30 Jun 2018 04:42

Tgt Ion: 95 Resp: 219467
Ion Ratio Lower Upper
95 100
174 97.5 0.0 187.4
176 94.3 0.0 181.0

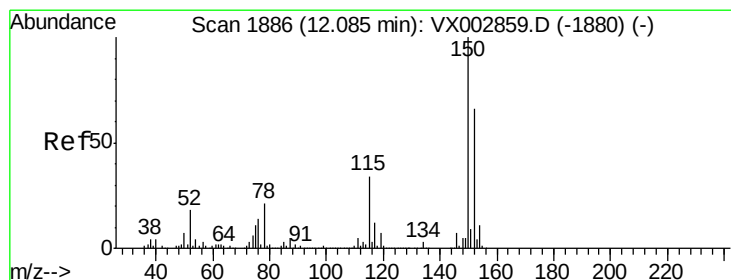
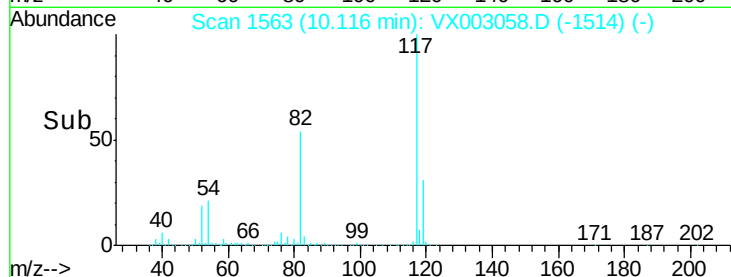
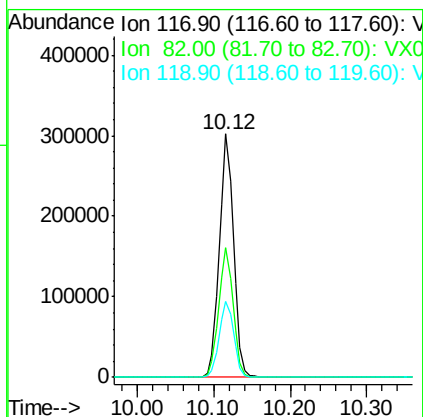
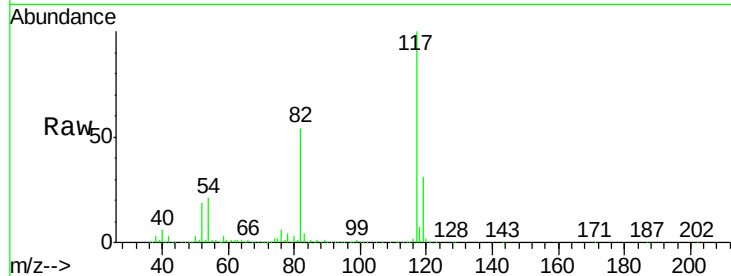




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003058.D
Acq: 30 Jun 2018 04:42

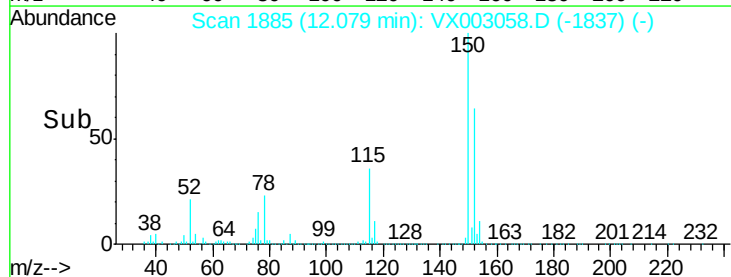
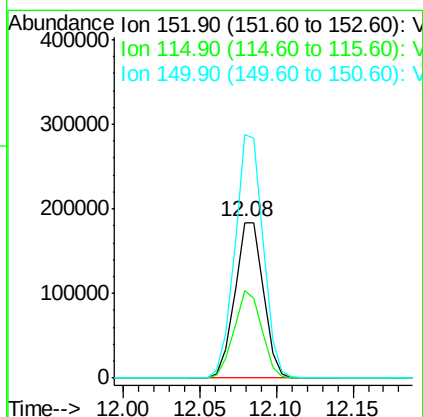
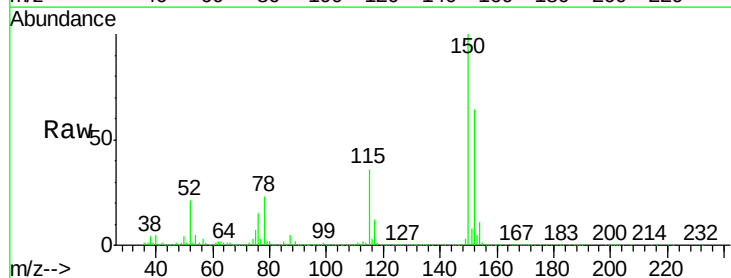
Instrument :
MSVOA_X
ClientSampleId :
S81-0097

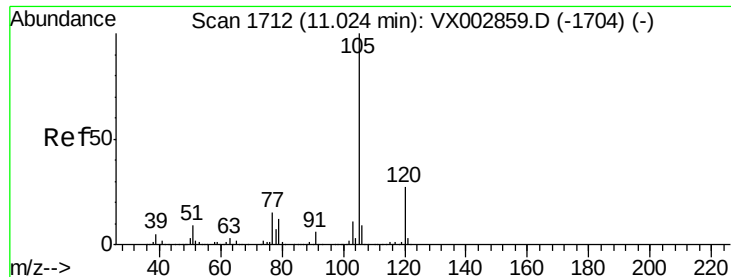
Tot Ion:117 Resp: 390976
Ion Ratio Lower Upper
117 100
82 53.5 45.0 67.4
119 31.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003058.D
Acq: 30 Jun 2018 04:42

Tgt Ion:152 Resp: 237236
Ion Ratio Lower Upper
152 100
115 54.2 40.1 120.2
150 155.0 0.0 347.2





#73

Isopropylbenzene

Concen: 0.30 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003058.D

Acq: 30 Jun 2018 04:42

Instrument :

MSVOA_X

ClientSampleId :

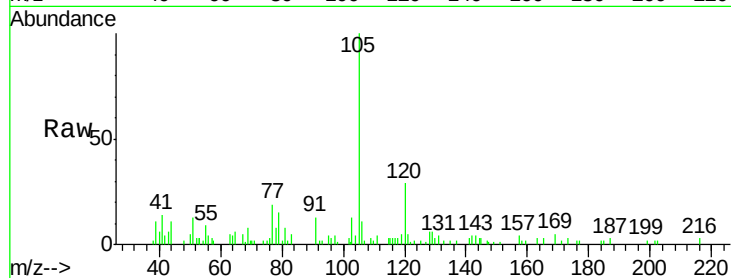
S81-0097

Tot Ion:105 Resp: 4719

Ion Ratio Lower Upper

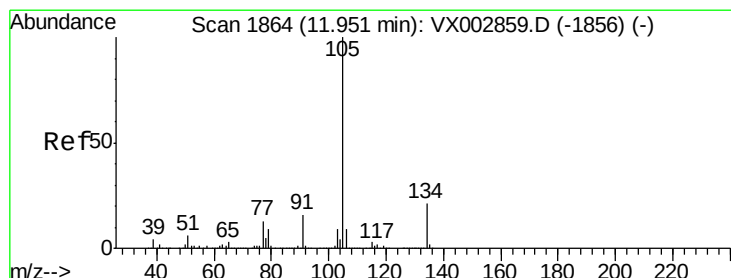
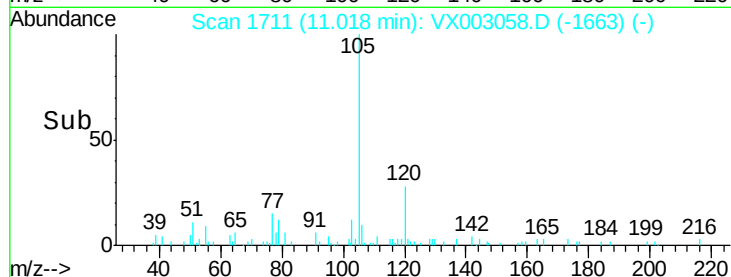
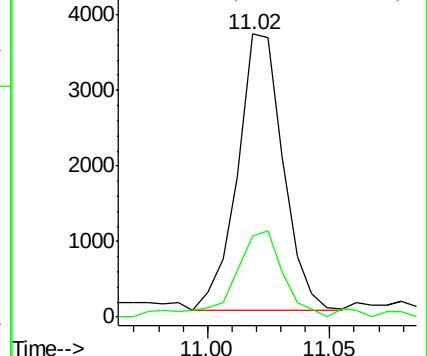
105 100

120 34.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.45 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003058.D

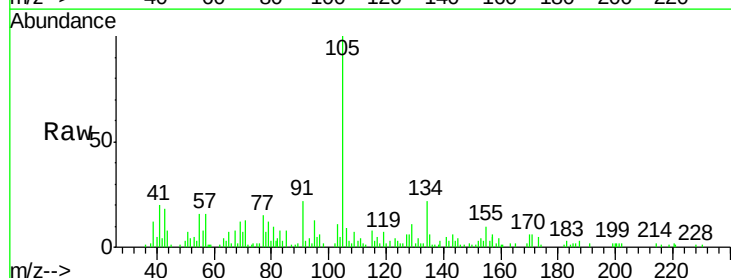
Acq: 30 Jun 2018 04:42

Tgt Ion:105 Resp: 7155

Ion Ratio Lower Upper

105 100

134 34.3 10.4 31.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

