

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002050.D
 Acq On : 27 May 2018 06:04
 Operator : JC/MD
 Sample : J3099-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 200028

Quant Time: May 29 06:52:27 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	23901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	39207	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	34474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	16623	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	56925	133.24	ug/l	0.00
Spiked Amount			Recovery	=	266.48%	
35) Dibromofluoromethane	5.51	113	41200	105.08	ug/l	0.00
Spiked Amount			Recovery	=	210.16%	
50) Toluene-d8	8.72	98	126180	88.89	ug/l	0.00
Spiked Amount			Recovery	=	177.78%	
62) 4-Bromofluorobenzene	11.14	95	44475	80.08	ug/l	0.00
Spiked Amount			Recovery	=	160.16%	

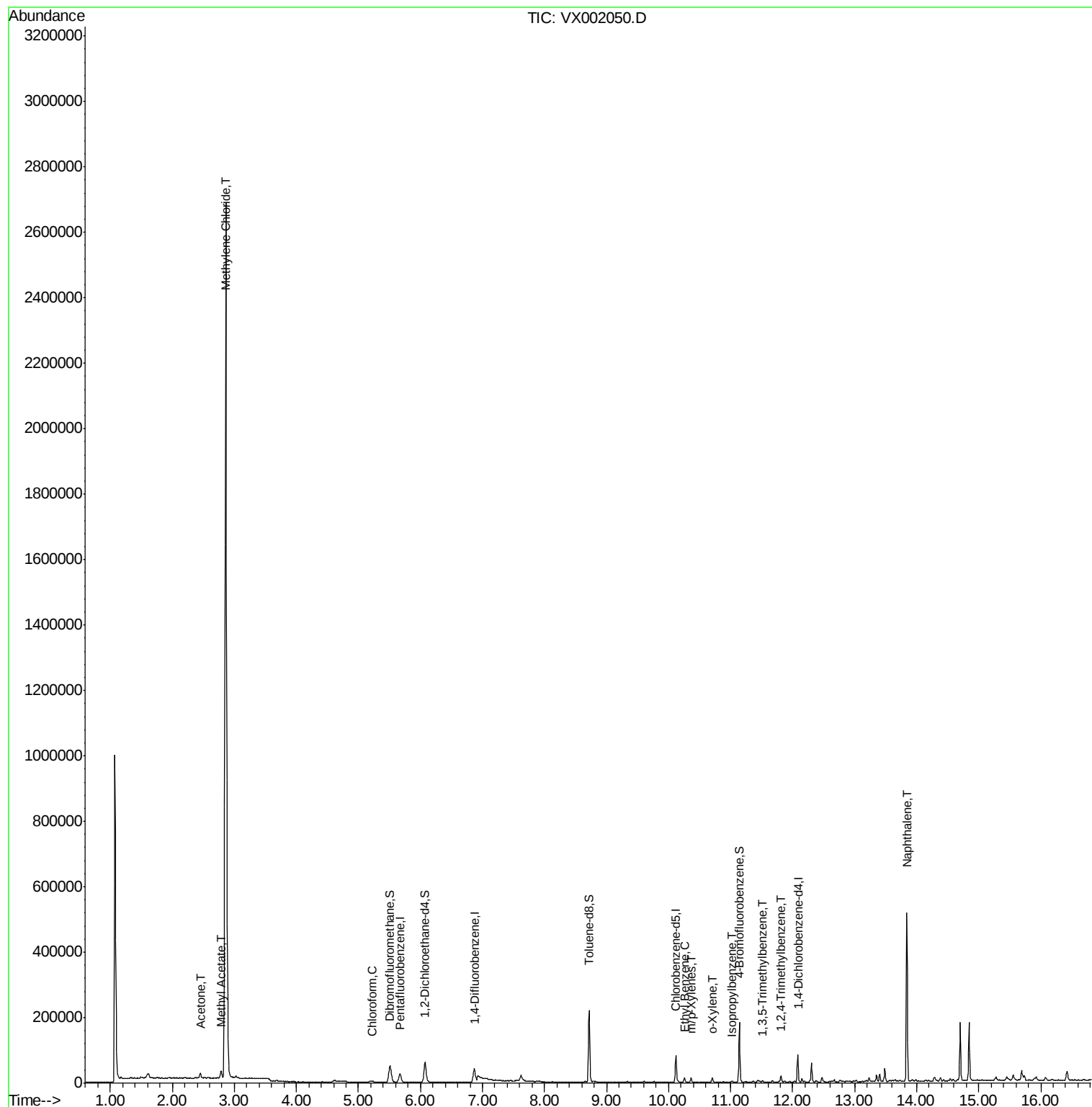
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	17159	104.07	ug/l	93
18) Methyl Acetate	2.78	43	25932	65.64	ug/l	97
20) Methylene Chloride	2.86	84	1194378	4326.29	ug/l	97
30) Chloroform	5.23	83	3478	5.46	ug/l	90
67) Ethyl Benzene	10.26	91	7985	4.21	ug/l	94
68) m/p-Xylenes	10.36	106	2993	4.13	ug/l	99
69) o-Xylene	10.71	106	2987	4.12	ug/l	95
73) Isopropylbenzene	11.02	105	1684	1.20	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	1974	1.64	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	8184	6.58	ug/l	97
95) Naphthalene	13.84	128	316806	211.02	ug/l	100

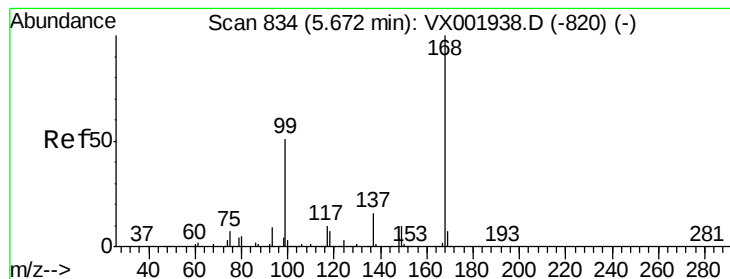
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002050.D

Acq: 27 May 2018 06:04

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MSVOA_X

ClientSampleId :

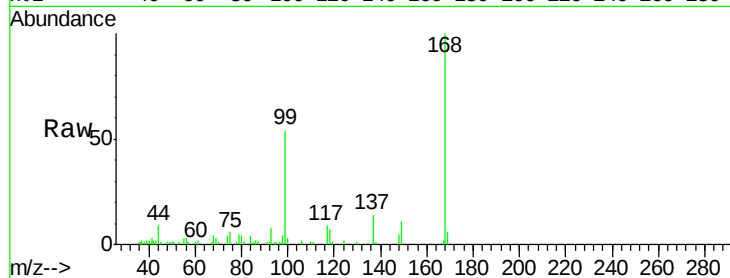
200028

Tot Ion:168 Resp: 23901

Ion Ratio Lower Upper

168 100

99 54.5 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

8000

6000

4000

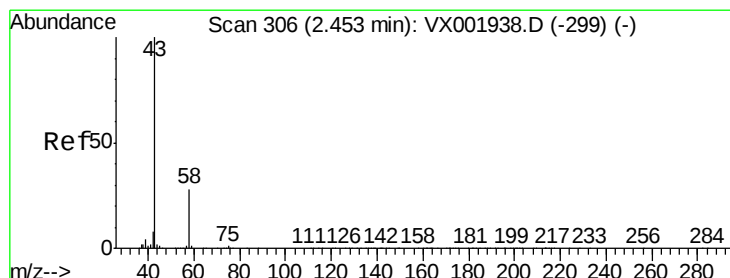
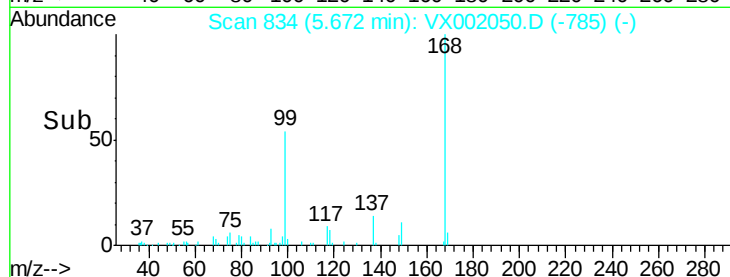
2000

0

Time-->

5.60

5.70



#16

Acetone

Concen: 104.07 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX002050.D

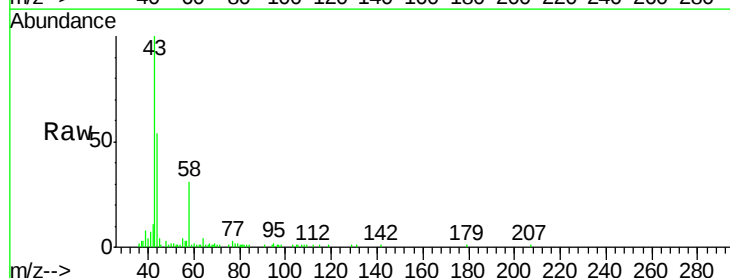
Acq: 27 May 2018 06:04

Tgt Ion: 43 Resp: 17159

Ion Ratio Lower Upper

43 100

58 31.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

10000

8000

6000

4000

2000

0

Time-->

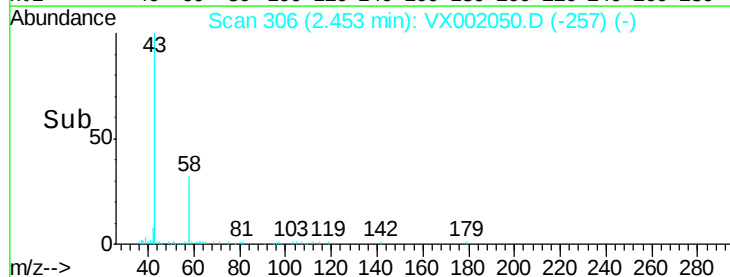
2.35

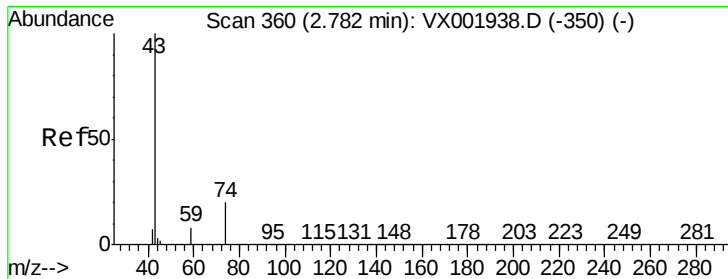
2.40

2.45

2.50

2.55

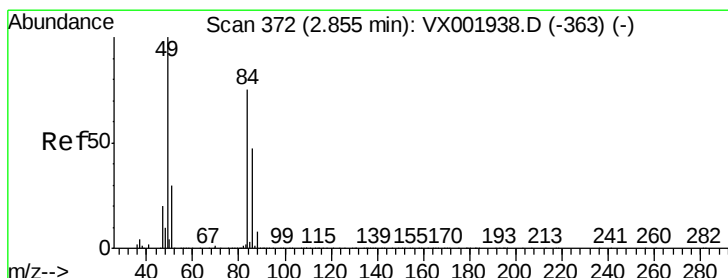
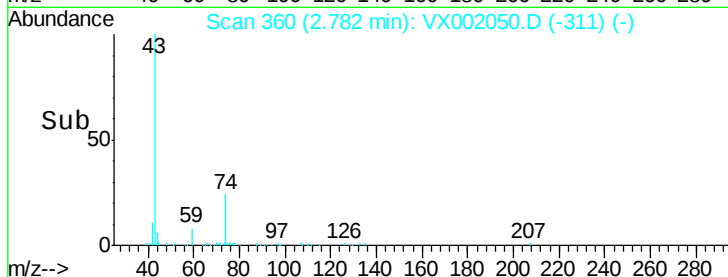
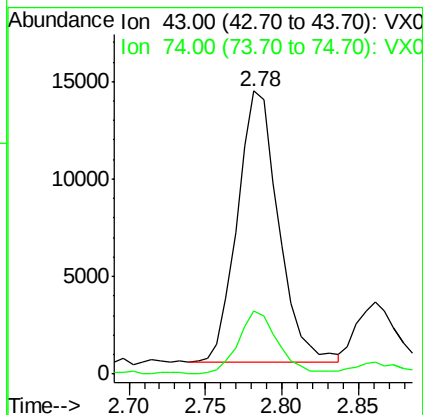
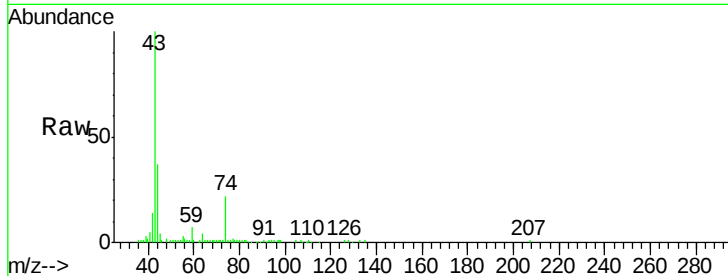




#18
Methvl Acetate
Concen: 65.64 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002050.D
Acq: 27 May 2018 06:04

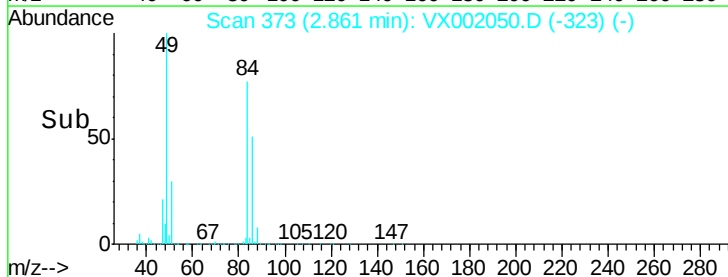
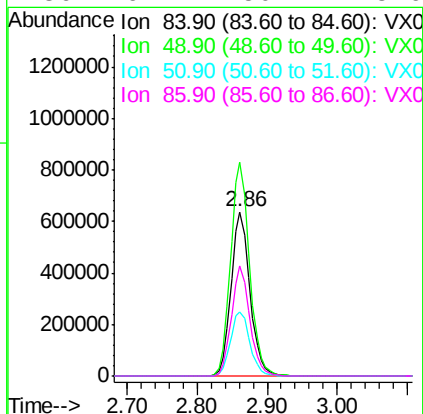
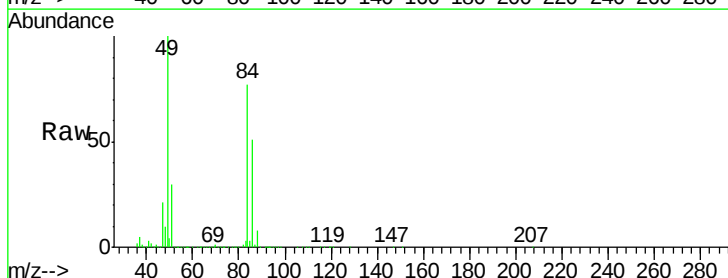
Instrument :
MSVOA_X
ClientSampleId :
200028

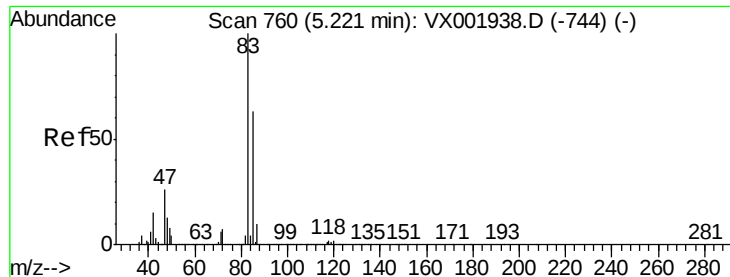
Tot Ion: 43 Resp: 25932
Ion Ratio Lower Upper
43 100
74 22.5 16.8 25.2



#20
Methylene Chloride
Concen: 4326.29 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002050.D
Acq: 27 May 2018 06:04

Tgt Ion: 84 Resp: 1194378
Ion Ratio Lower Upper
84 100
49 130.4 107.2 160.8
51 39.4 32.4 48.6
86 67.1 50.4 75.6





#30

Chloroform

Concen: 5.46 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX002050.D

Acq: 27 May 2018 06:04

Instrument :

MSVOA_X

ClientSampled :

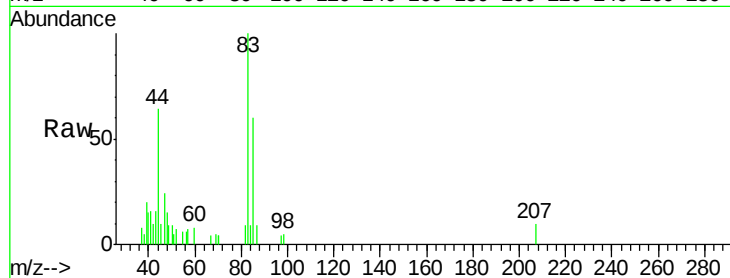
200028

Tot Ion: 83 Resp: 3478

Ion Ratio Lower Upper

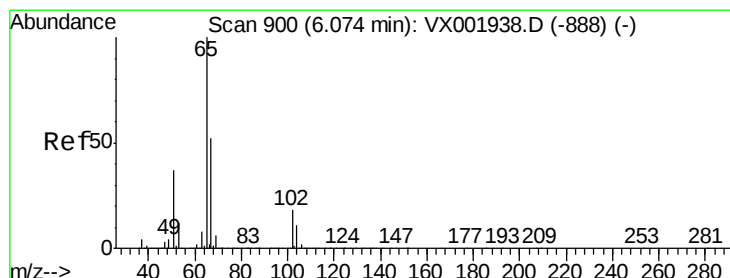
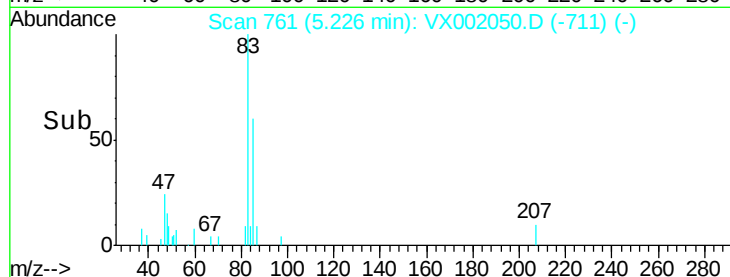
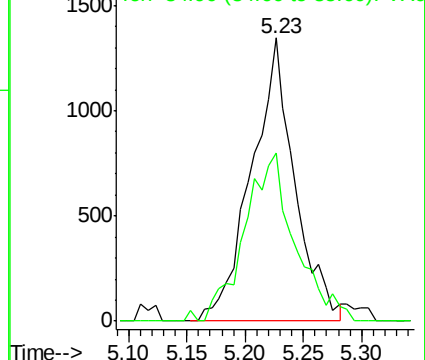
83 100

85 55.7 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 133.24 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002050.D

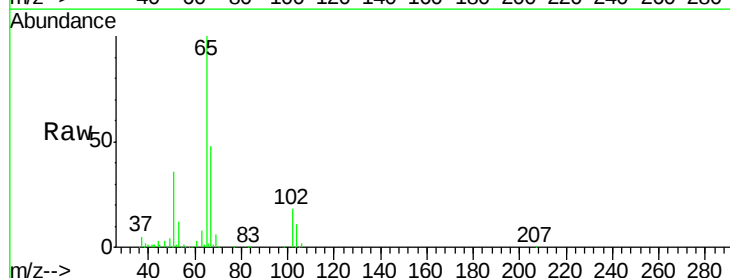
Acq: 27 May 2018 06:04

Tgt Ion: 65 Resp: 56925

Ion Ratio Lower Upper

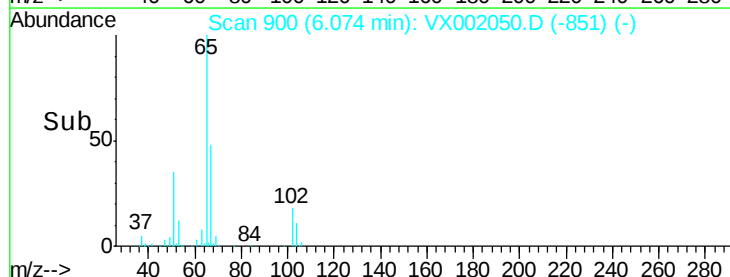
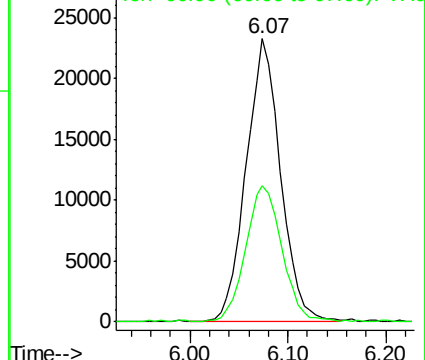
65 100

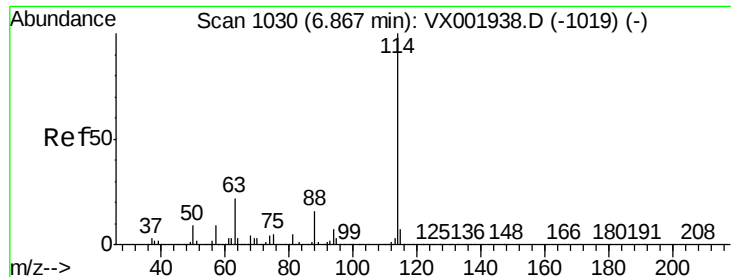
67 49.8 0.0 104.0



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: VX002050.D

Acq: 27 May 2018 06:04

Instrument :

MSVOA_X

ClientSampleId :

200028

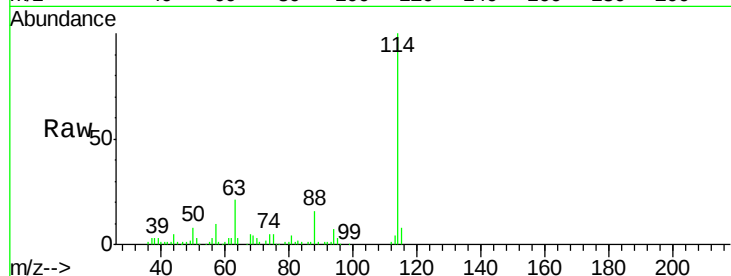
Tot Ion:114 Resp: 39207

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

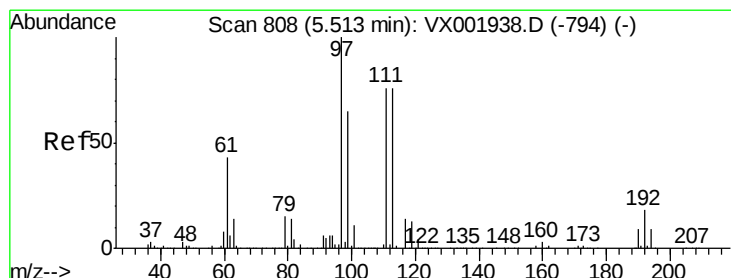
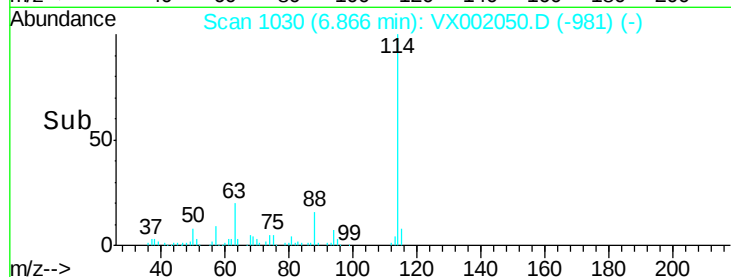
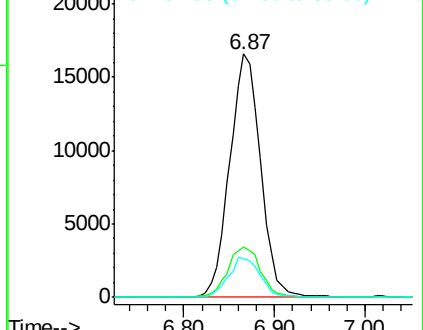
88 16.0 0.0 31.6



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: 105.08 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX002050.D

Acq: 27 May 2018 06:04

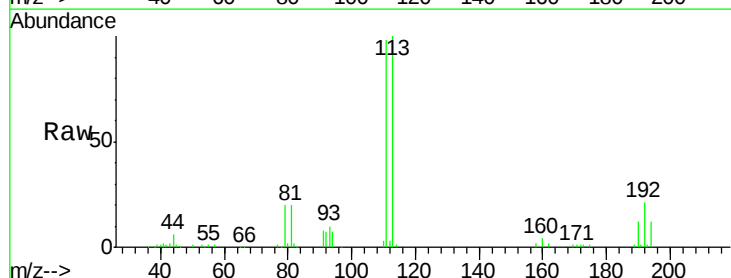
Tgt Ion:113 Resp: 41200

Ion Ratio Lower Upper

113 100

111 101.2 82.0 123.0

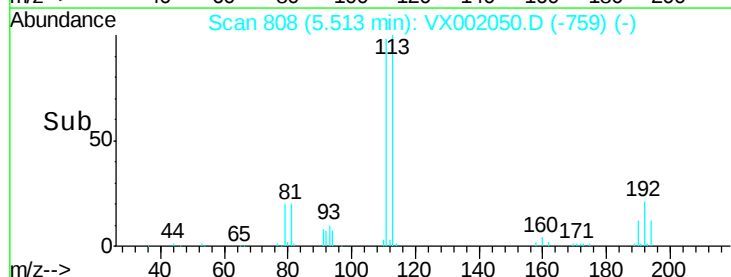
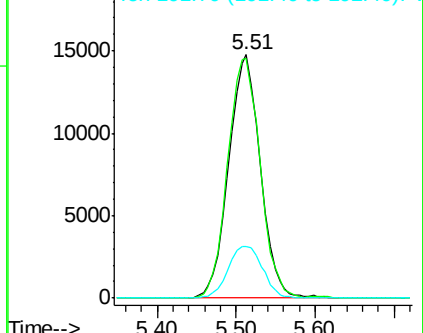
192 23.1 18.9 28.3

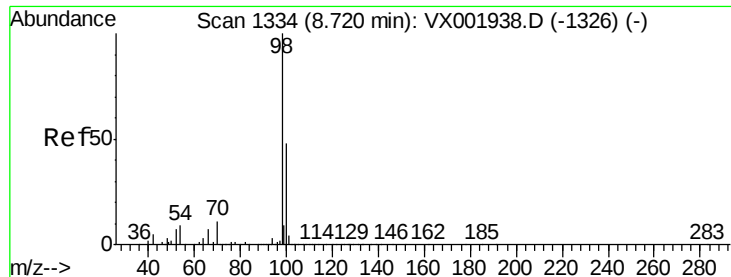


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 88.89 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002050.D

Acq: 27 May 2018 06:04

Instrument :

MSVOA_X

ClientSampleId :

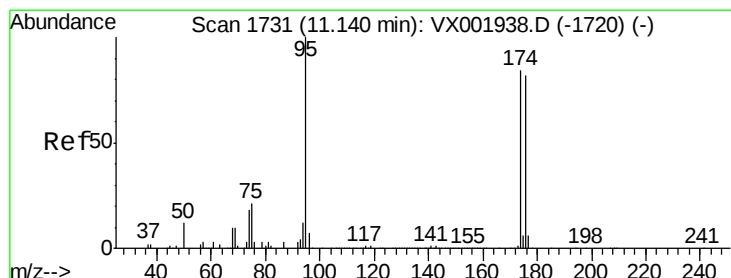
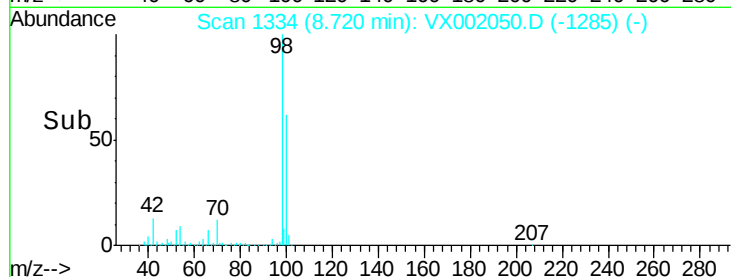
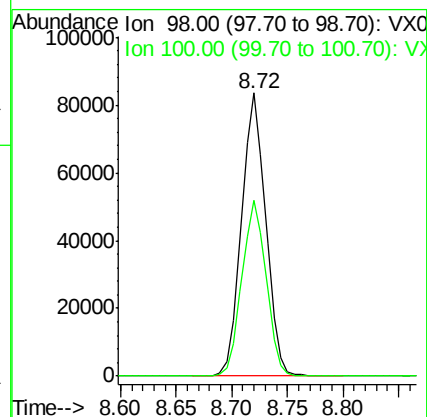
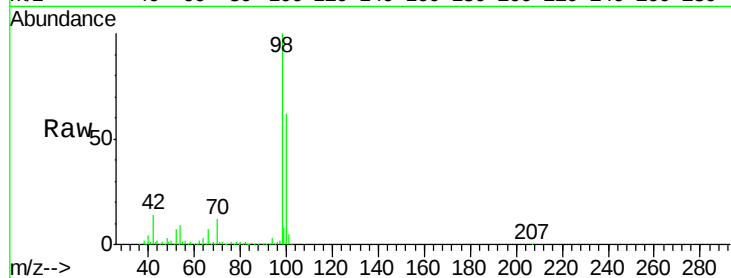
200028

Tot Ion: 98 Resp: 126180

Ion Ratio Lower Upper

98 100

100 62.4 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 80.08 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002050.D

Acq: 27 May 2018 06:04

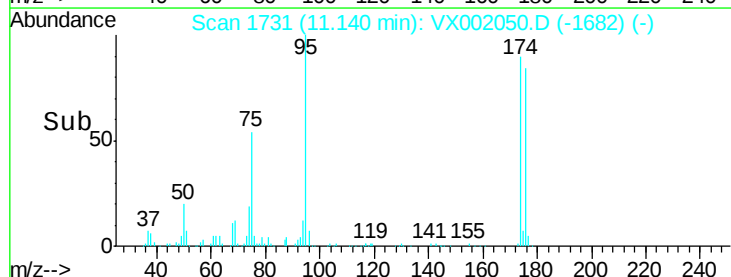
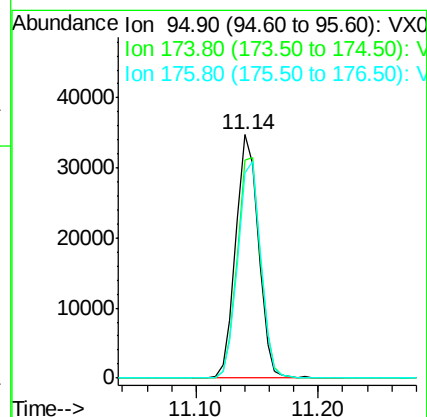
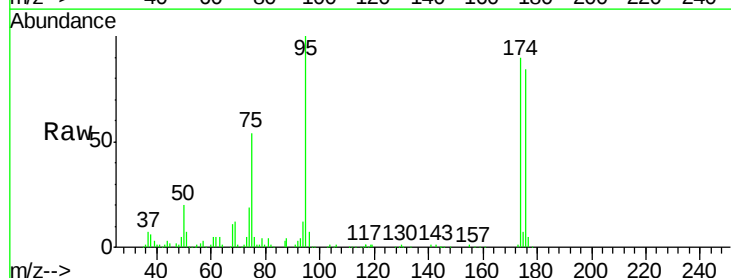
Tgt Ion: 95 Resp: 44475

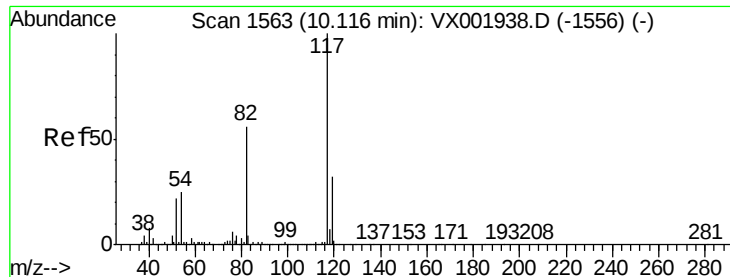
Ion Ratio Lower Upper

95 100

174 92.7 0.0 178.8

176 89.8 0.0 175.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002050.D

Acq: 27 May 2018 06:04

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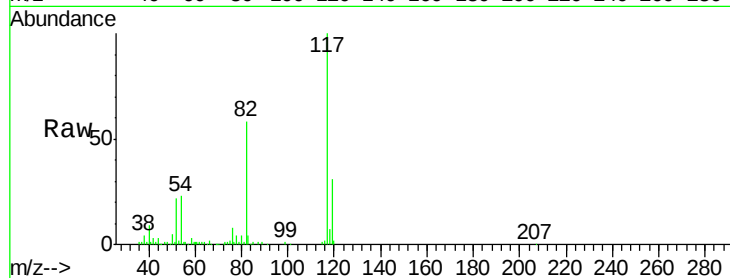
Tot Ion:117 Resp: 34474

Ion Ratio Lower Upper

117 100

82 57.5 44.8 67.2

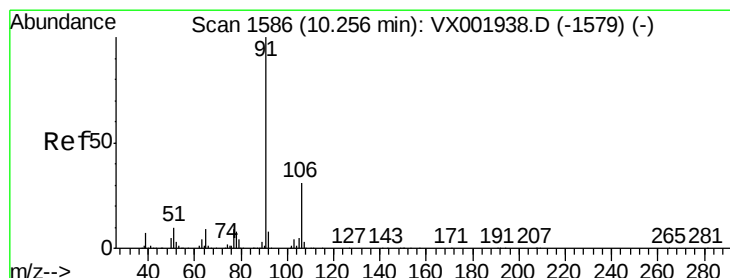
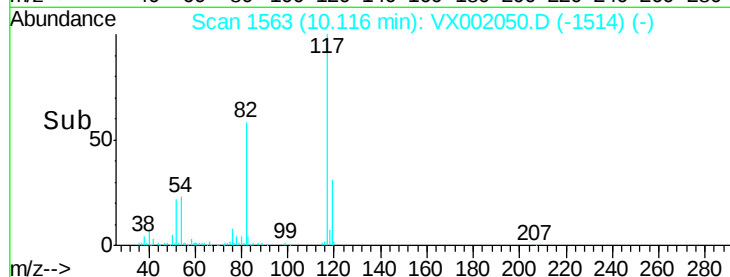
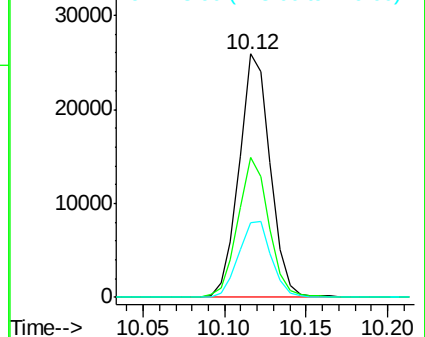
119 30.6 25.5 38.3



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: 4.21 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002050.D

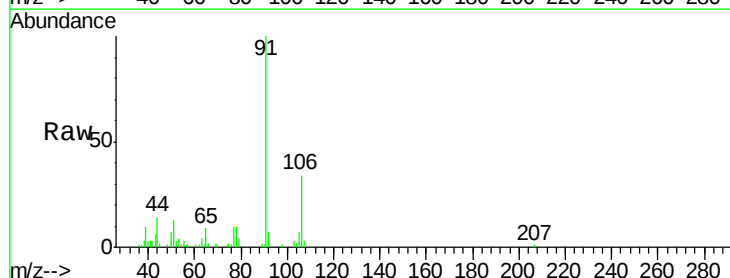
Acq: 27 May 2018 06:04

Tgt Ion: 91 Resp: 7985

Ion Ratio Lower Upper

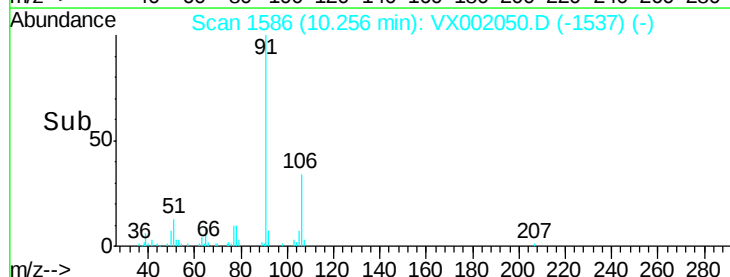
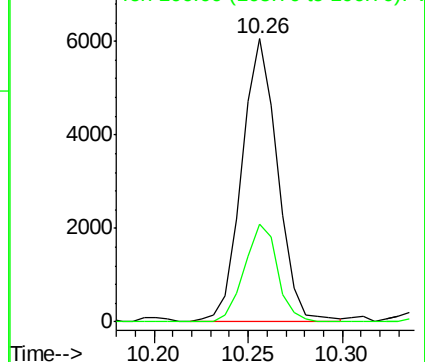
91 100

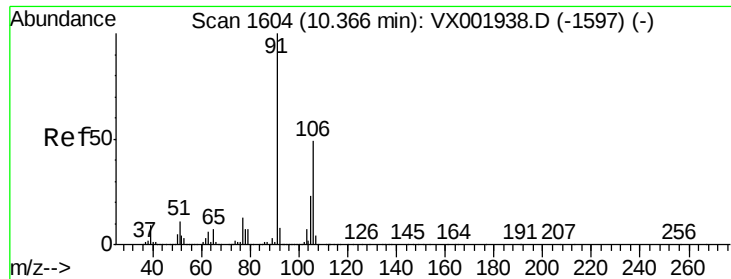
106 34.4 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xvlenes

Concen: 4.13 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002050.D

Acq: 27 May 2018 06:04

Instrument :

MSVOA_X

ClientSampleId :

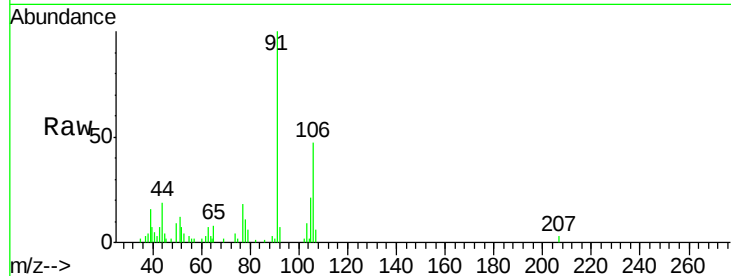
200028

Tot Ion:106 Resp: 2993

Ion Ratio Lower Upper

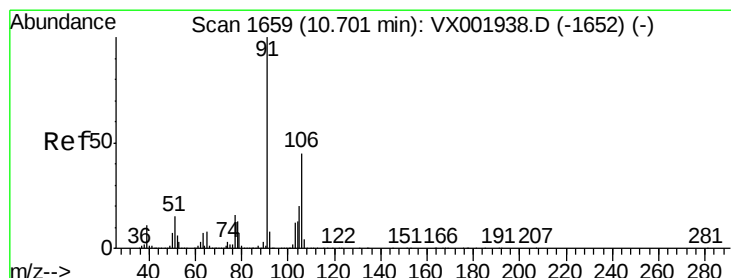
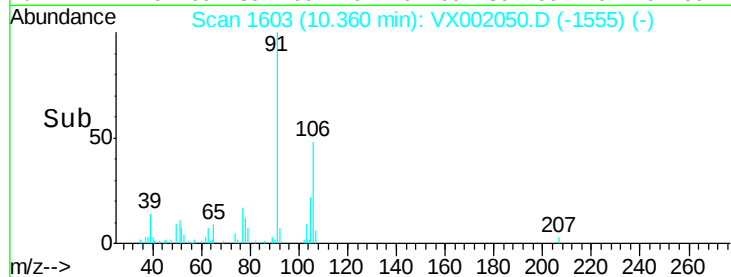
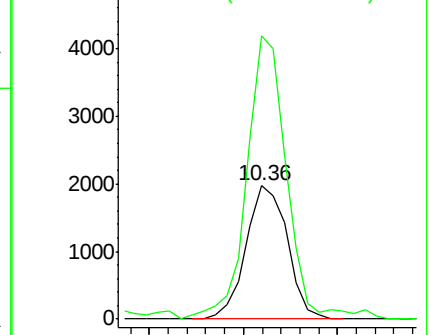
106 100

91 205.1 165.0 247.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 4.12 ug/l

RT: 10.71 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX002050.D

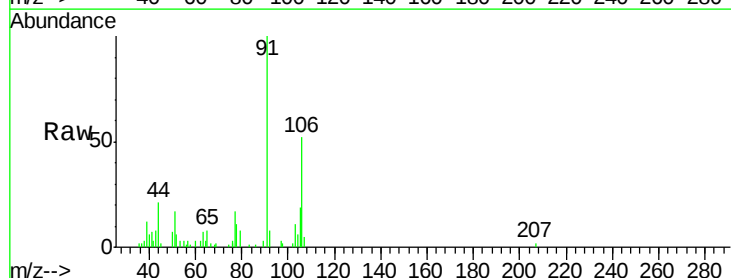
Acq: 27 May 2018 06:04

Tgt Ion:106 Resp: 2987

Ion Ratio Lower Upper

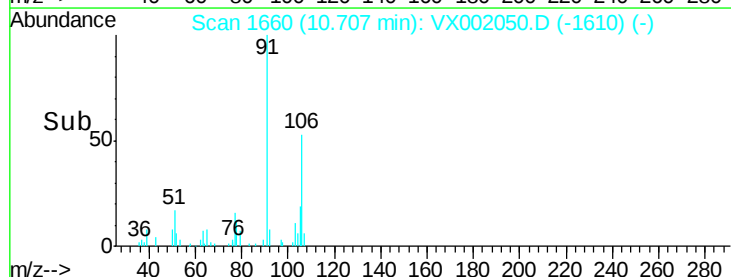
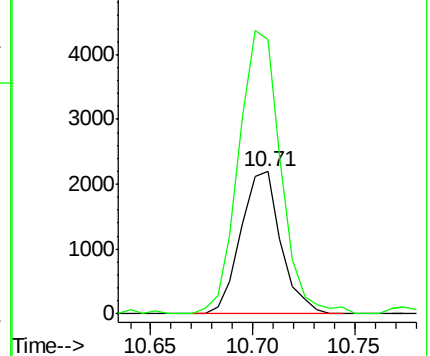
106 100

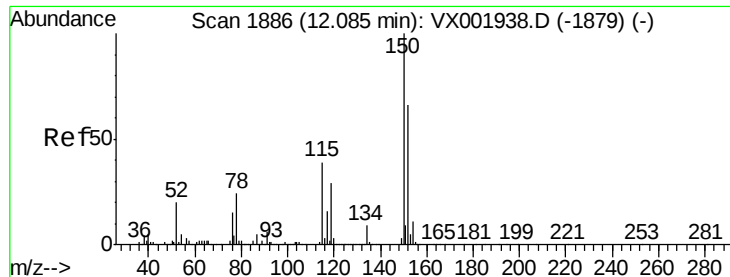
91 209.1 108.7 325.9



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: VX002050.D

Acq: 27 May 2018 06:04

Instrument :

MSVOA_X

ClientSampleId :

200028

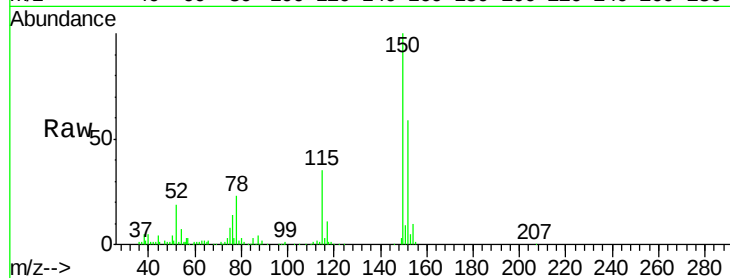
Tot Ion:152 Resp: 16623

Ion Ratio Lower Upper

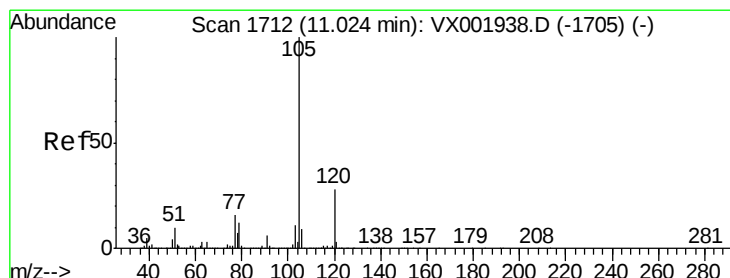
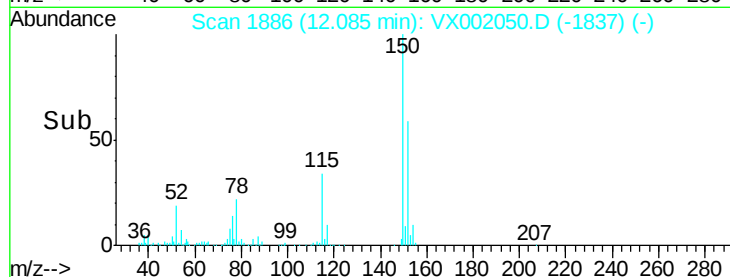
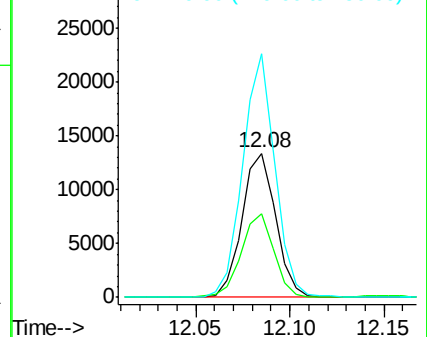
152 100

115 56.5 42.3 126.8

150 161.5 0.0 351.0



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: 1.20 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002050.D

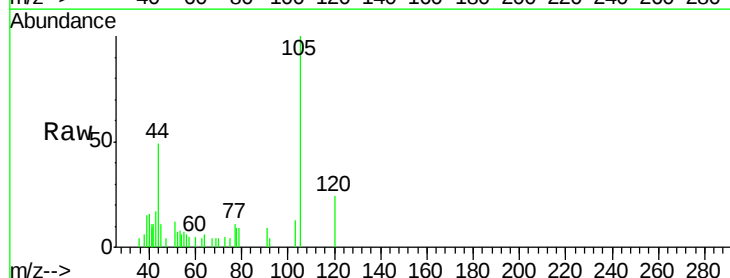
Acq: 27 May 2018 06:04

Tgt Ion:105 Resp: 1684

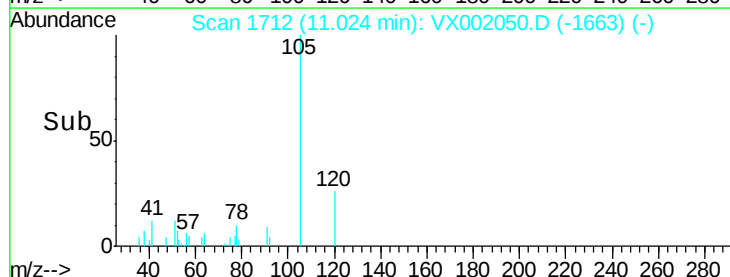
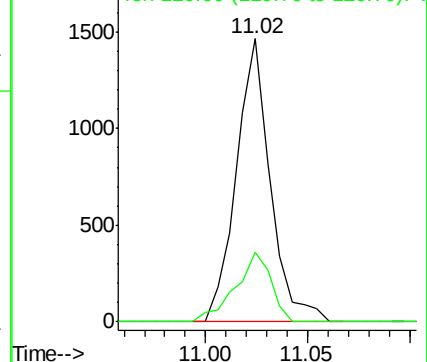
Ion Ratio Lower Upper

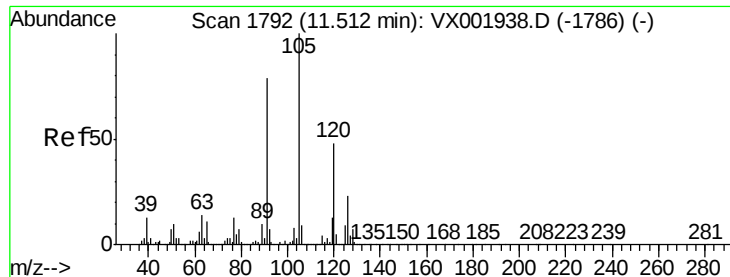
105 100

120 25.7 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 1.64 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002050.D

Acq: 27 May 2018 06:04

Instrument :

MSVOA_X

ClientSampled :

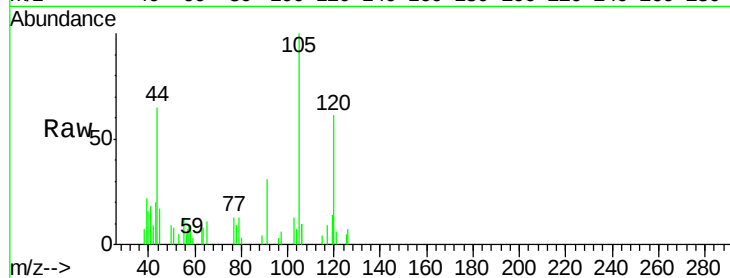
200028

Tot Ion:105 Resp: 1974

Ion Ratio Lower Upper

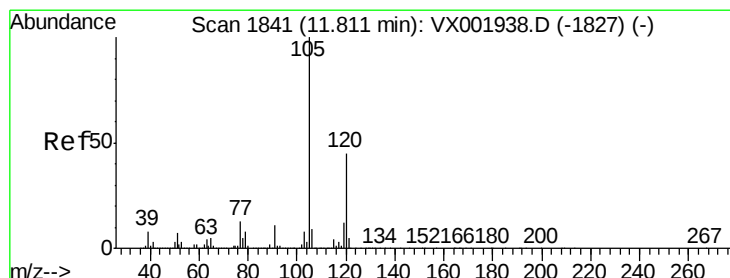
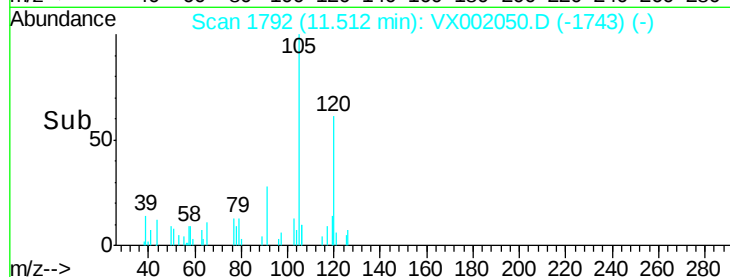
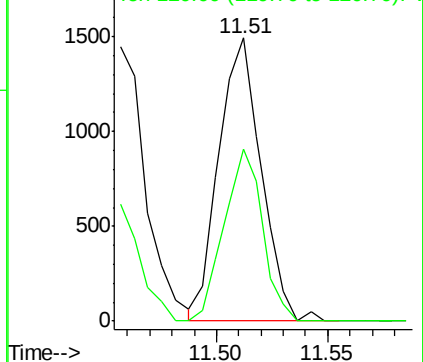
105 100

120 55.0 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 6.58 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002050.D

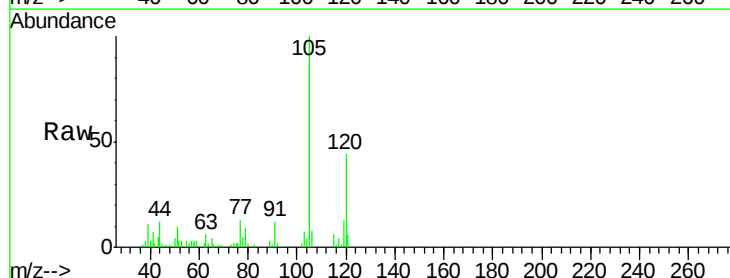
Acq: 27 May 2018 06:04

Tgt Ion:105 Resp: 8184

Ion Ratio Lower Upper

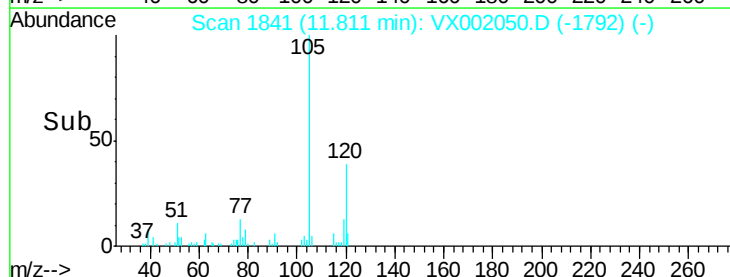
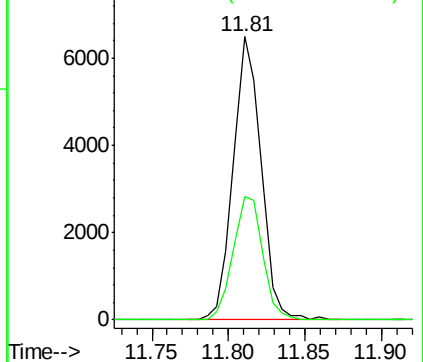
105 100

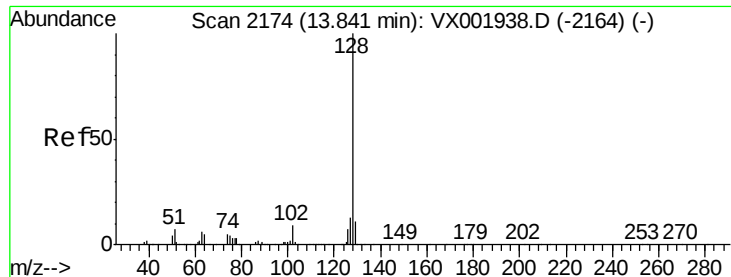
120 46.4 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 211.02 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002050.D
Acq: 27 May 2018 06:04

Instrument :
MSVOA_X
ClientSampleId :
200028

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.8	13.2

