

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011019\
 Data File : VX006991.D
 Acq On : 10 Jan 2019 15:47
 Operator : JC/MD
 Sample : K1094-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CROSSWICKS-DRUM-2

Quant Time: Jan 11 07:50:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	642860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	983881	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	913654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	452142	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	336346	50.06	ug/l	0.00
Spiked Amount			Recovery	=	100.12%	
35) Dibromofluoromethane	5.50	113	296669	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	
50) Toluene-d8	8.71	98	1181267	51.22	ug/l	0.00
Spiked Amount			Recovery	=	102.44%	
62) 4-Bromofluorobenzene	11.13	95	412265	51.28	ug/l	0.00
Spiked Amount			Recovery	=	102.56%	

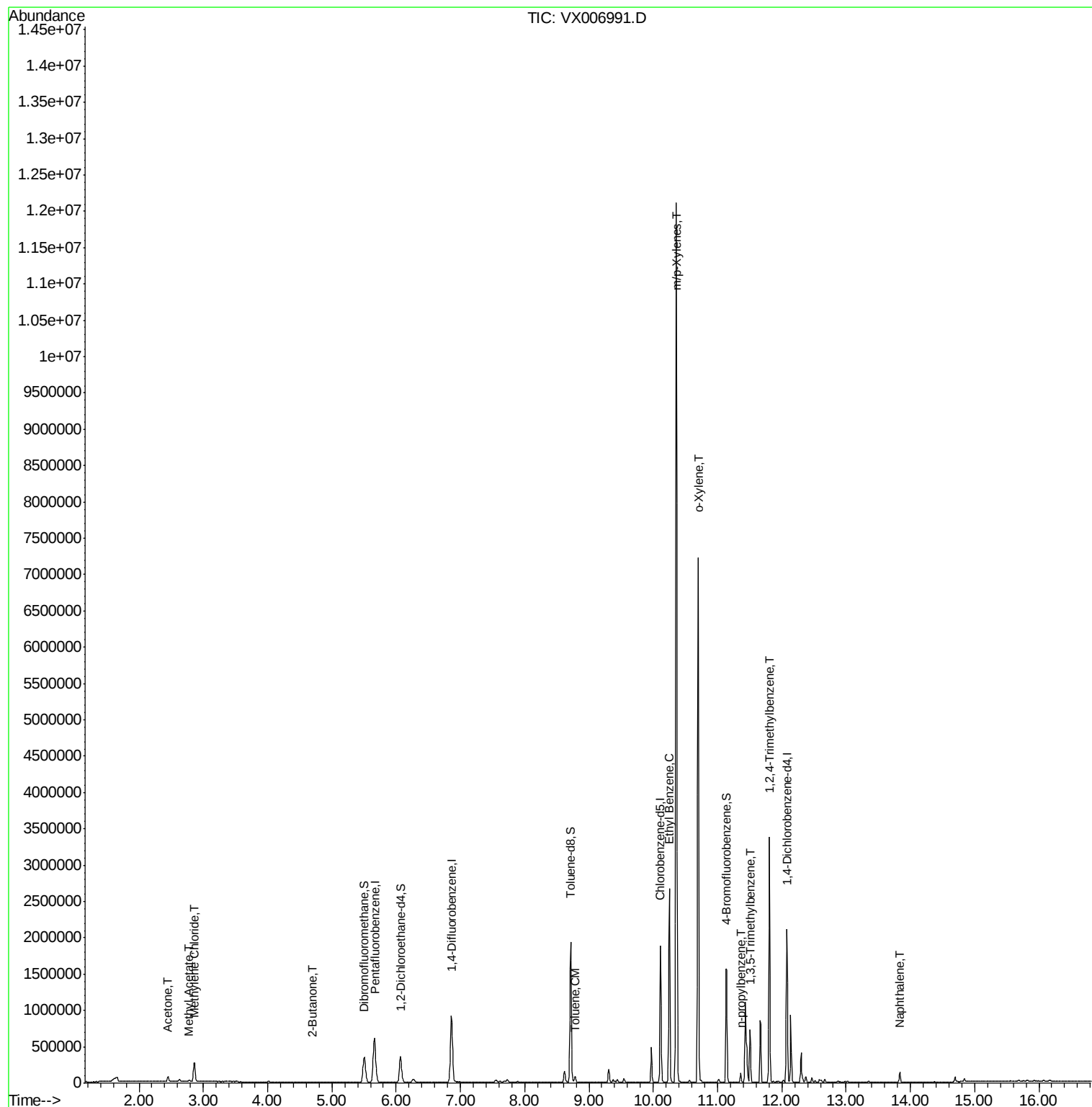
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	72485	21.824	ug/l	98
18) Methyl Acetate	2.78	43	24762	2.574	ug/l	93
20) Methylene Chloride	2.86	84	127282	19.806	ug/l	98
25) 2-Butanone	4.70	43	14821	3.119	ug/l #	85
52) Toluene	8.78	92	27438	1.636	ug/l	99
67) Ethyl Benzene	10.25	91	1489076	45.264	ug/l	99
68) m/p-Xylenes	10.36	106	2936004	226.524	ug/l	99
69) o-Xylene	10.70	106	1655041	130.933	ug/l	96
78) n-propylbenzene	11.36	91	82172	2.348	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	306516	11.506	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1501268	56.041	ug/l	99
95) Naphthalene	13.83	128	87494	2.686	ug/l	99

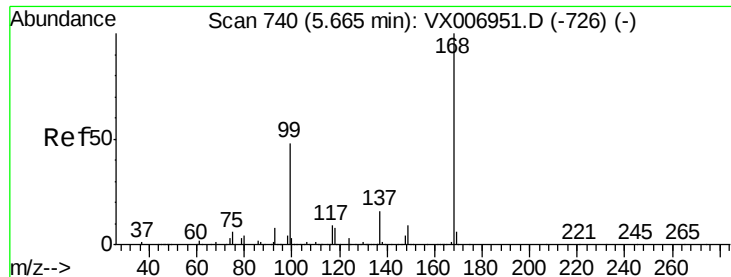
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006991.D

Acq: 10 Jan 2019 15:47

Instrument :

MSVOA_X

ClientSampleId :

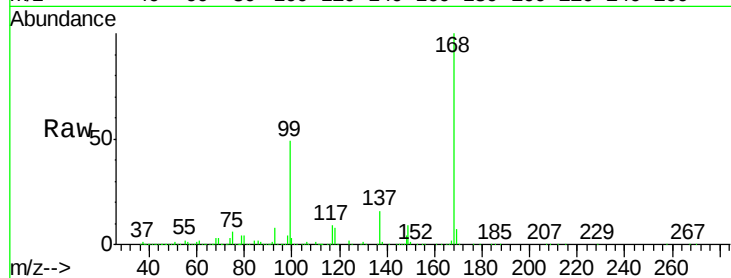
CROSSWICKS-DRUM-2

Tot Ion:168 Resp: 642860

Ion Ratio Lower Upper

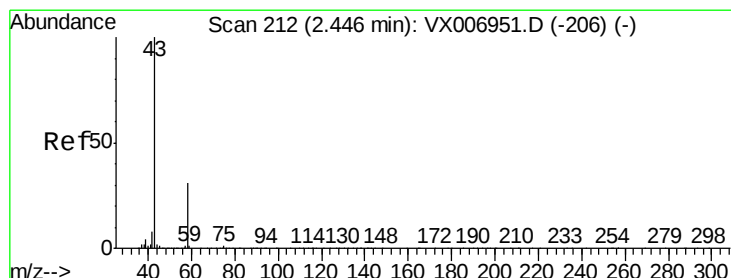
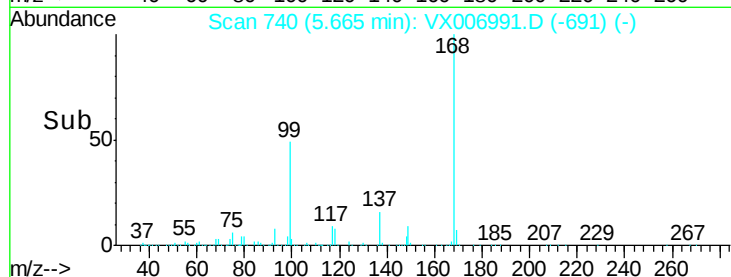
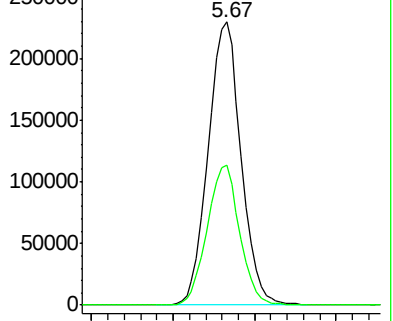
168 100

99 49.4 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 21.824 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006991.D

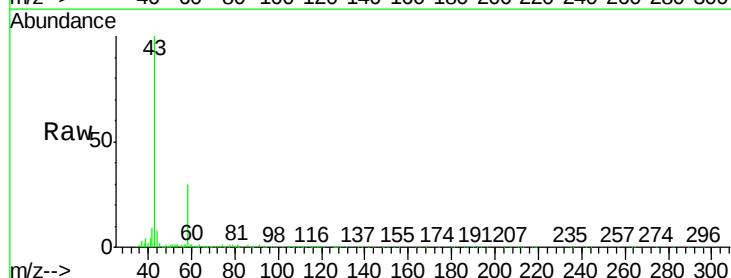
Acq: 10 Jan 2019 15:47

Tgt Ion: 43 Resp: 72485

Ion Ratio Lower Upper

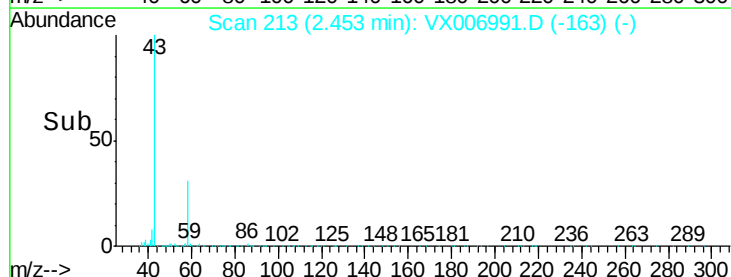
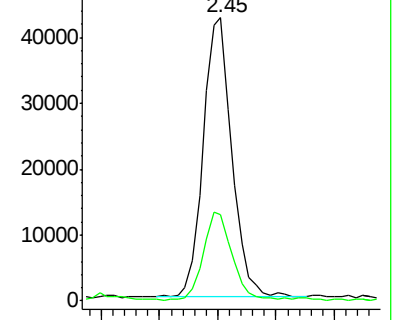
43 100

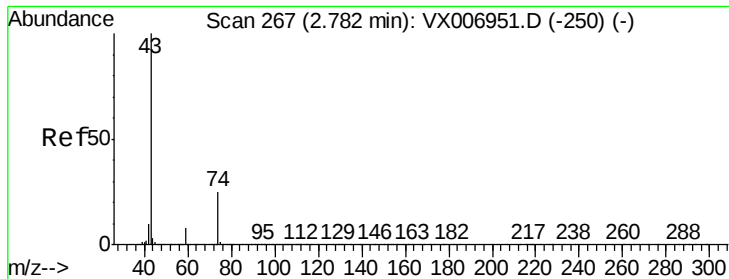
58 30.4 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

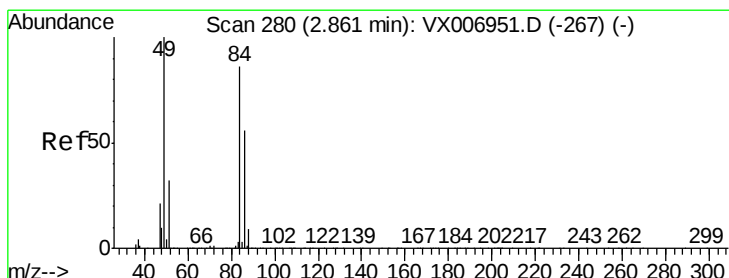
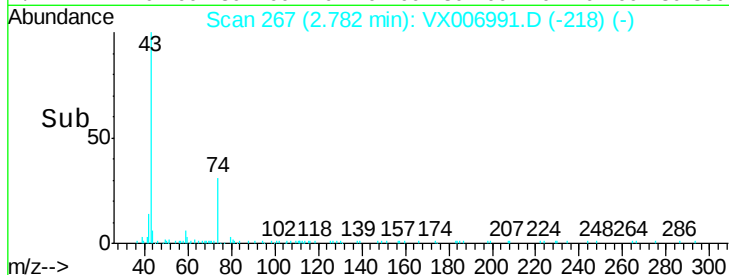
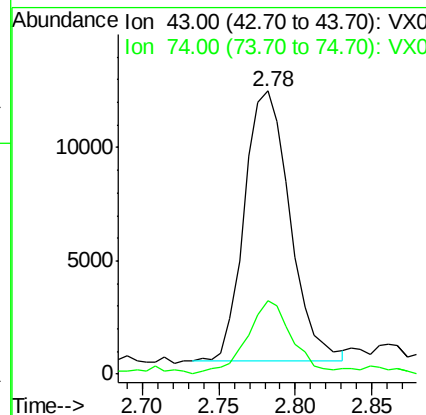
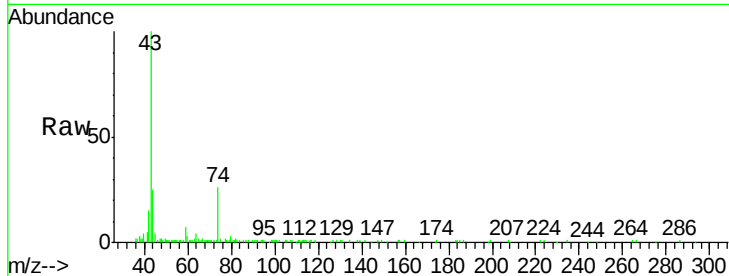




#18
Methyl Acetate
Concen: 2.574 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006991.D
Acq: 10 Jan 2019 15:47

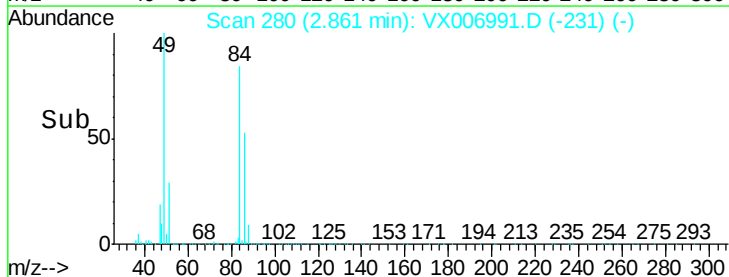
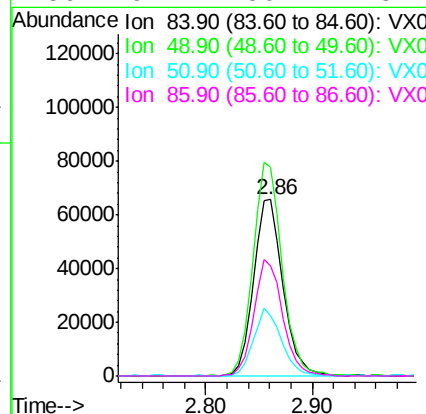
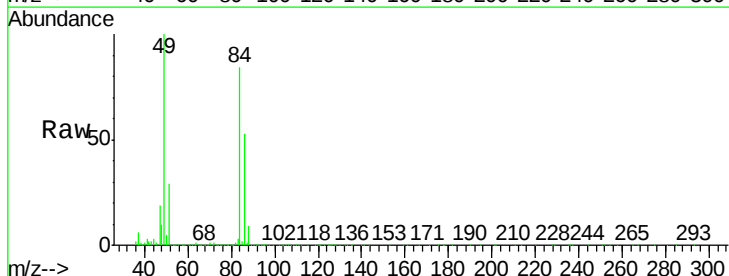
Instrument :
MSVOA_X
ClientSampleId :
CROSSWICKS-DRUM-2

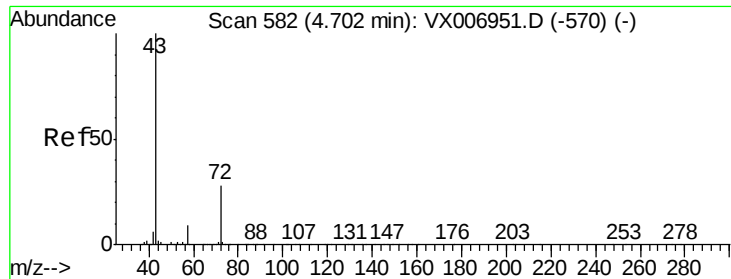
Tot Ion: 43 Resp: 24762
Ion Ratio Lower Upper
43 100
74 26.7 18.6 28.0



#20
Methylene Chloride
Concen: 19.806 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006991.D
Acq: 10 Jan 2019 15:47

Tgt Ion: 84 Resp: 127282
Ion Ratio Lower Upper
84 100
49 118.3 91.8 137.6
51 34.0 28.5 42.7
86 62.1 50.2 75.2





#25

2-Butanone

Concen: 3.119 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006991.D

Acq: 10 Jan 2019 15:47

Instrument :

MSVOA_X

ClientSampleId :

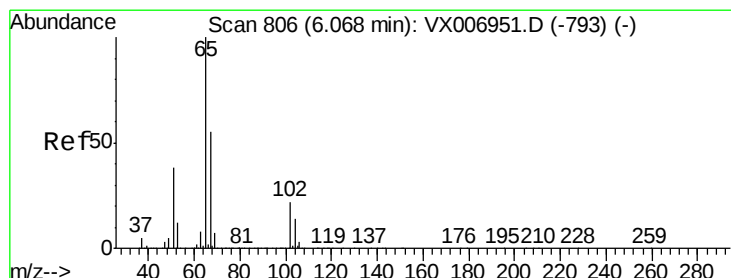
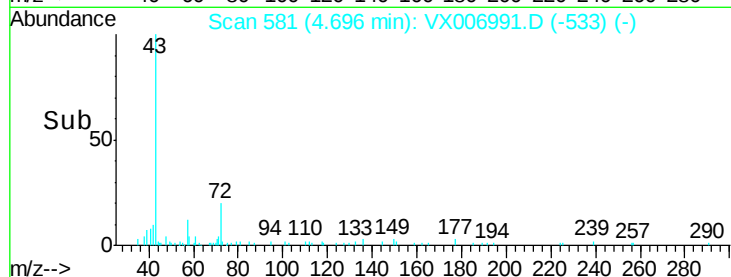
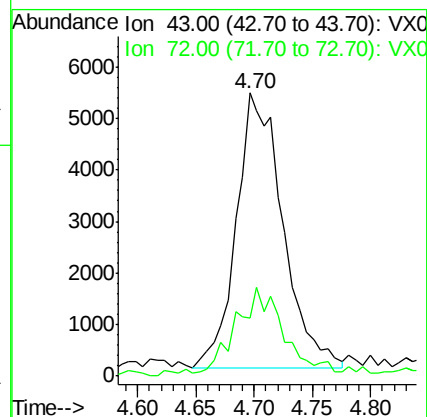
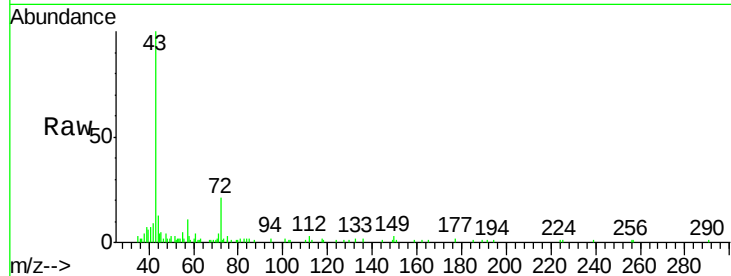
CROSSWICKS-DRUM-2

Tot Ion: 43 Resp: 14821

Ion Ratio Lower Upper

43 100

72 20.1 22.4 33.6#



#33

1,2-Dichloroethane-d4

Concen: 50.063 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006991.D

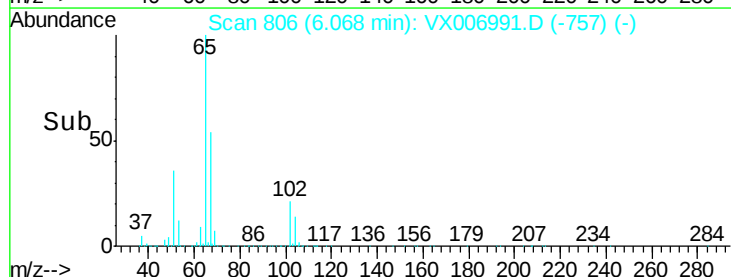
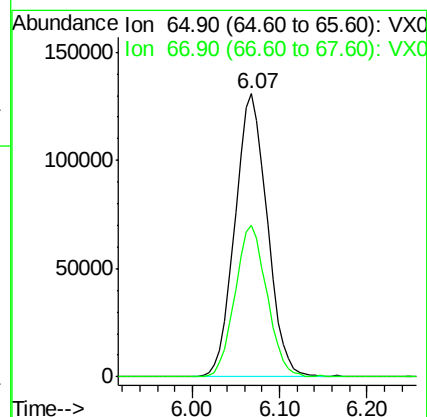
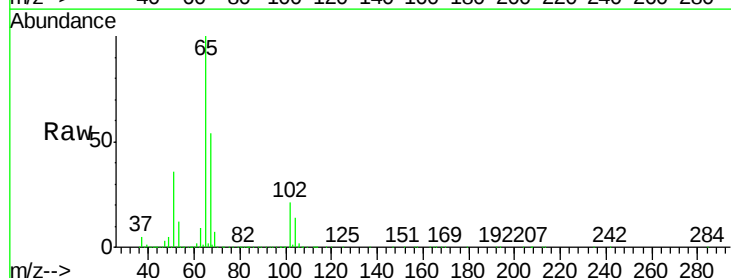
Acq: 10 Jan 2019 15:47

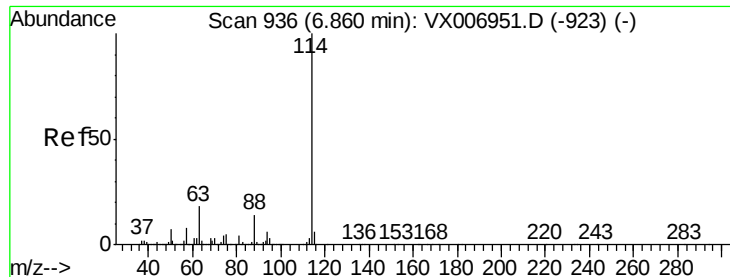
Tgt Ion: 65 Resp: 336346

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006991.D

Acq: 10 Jan 2019 15:47

Instrument :

MSVOA_X

ClientSampleId :

CROSSWICKS-DRUM-2

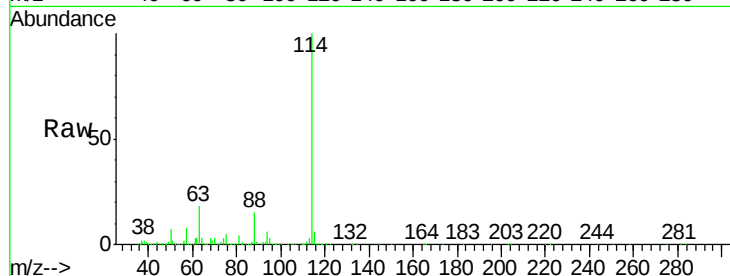
Tot Ion:114 Resp: 983881

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.8

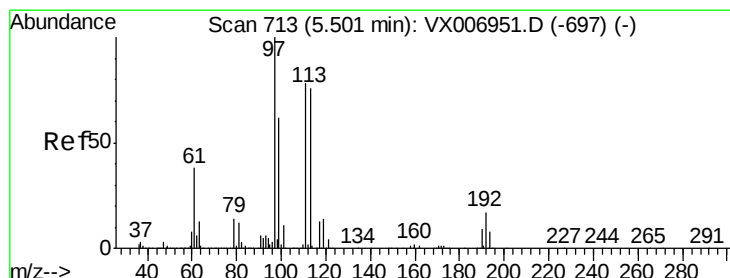
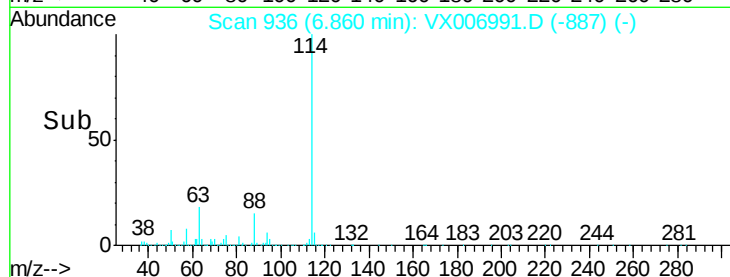
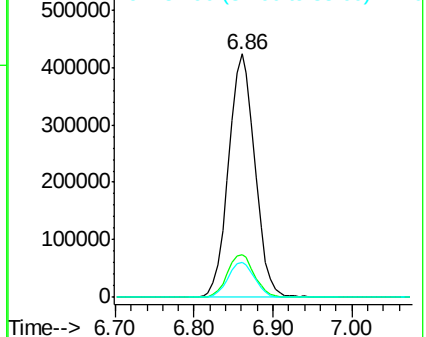
88 14.6 0.0 28.8



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: 47.085 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006991.D

Acq: 10 Jan 2019 15:47

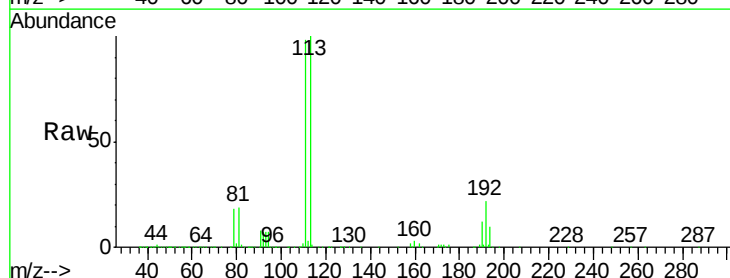
Tgt Ion:113 Resp: 296669

Ion Ratio Lower Upper

113 100

111 100.9 81.6 122.4

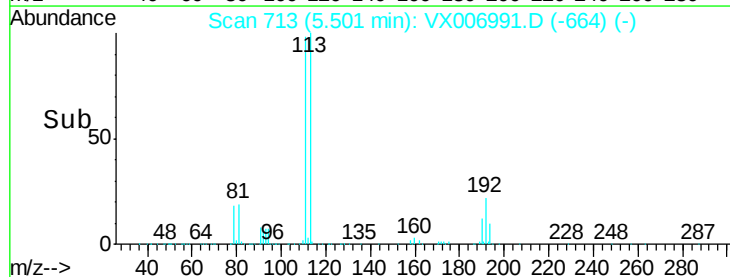
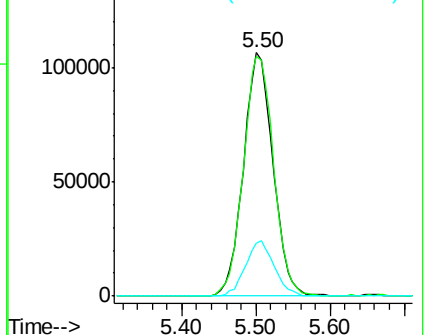
192 22.1 16.7 25.1

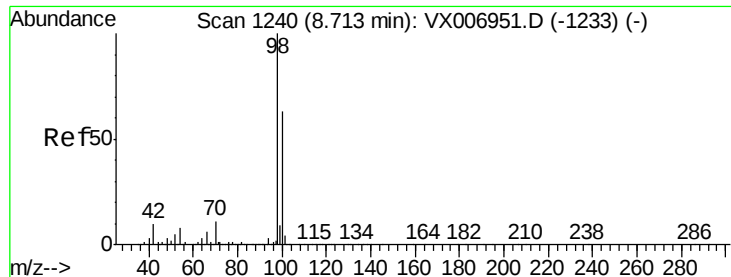


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.220 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006991.D

Acq: 10 Jan 2019 15:47

Instrument :

MSVOA_X

ClientSampleId :

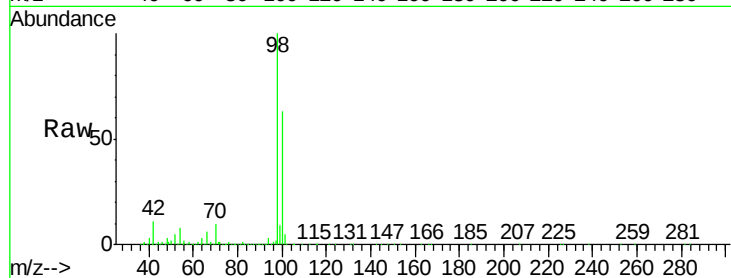
CROSSWICKS-DRUM-2

Tot Ion: 98 Resp: 1181267

Ion Ratio Lower Upper

98 100

100 63.3 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

800000

600000

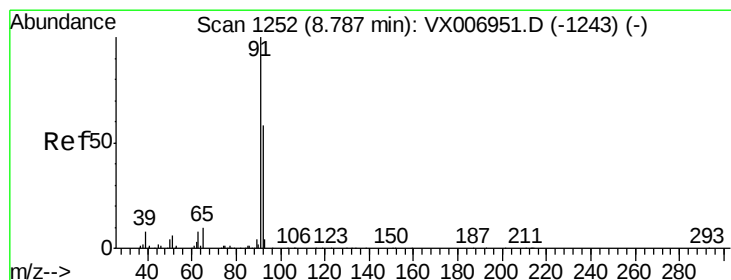
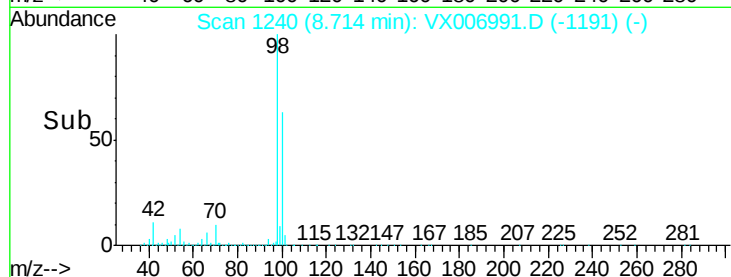
400000

200000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 1.636 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006991.D

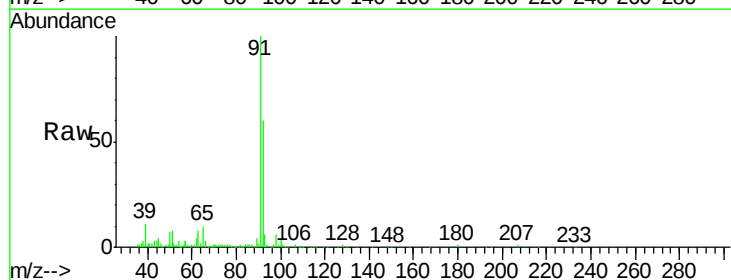
Acq: 10 Jan 2019 15:47

Tgt Ion: 92 Resp: 27438

Ion Ratio Lower Upper

92 100

91 170.7 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

30000

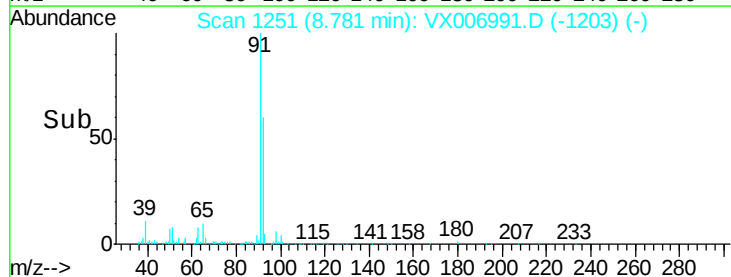
20000

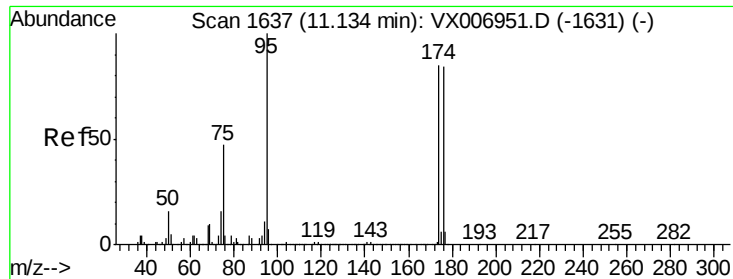
10000

0

8.70 8.80 8.90

Time-->

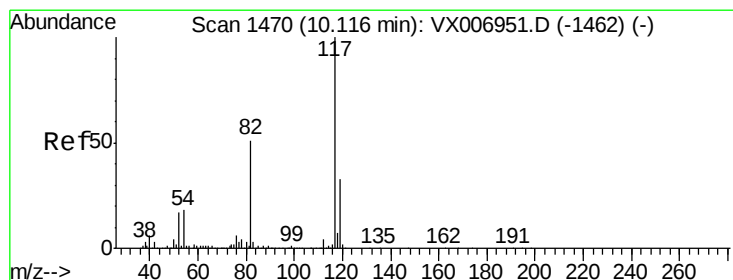
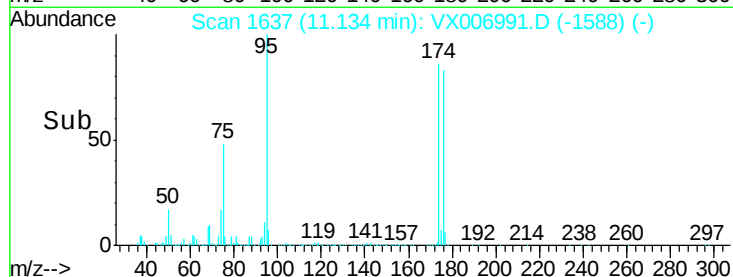
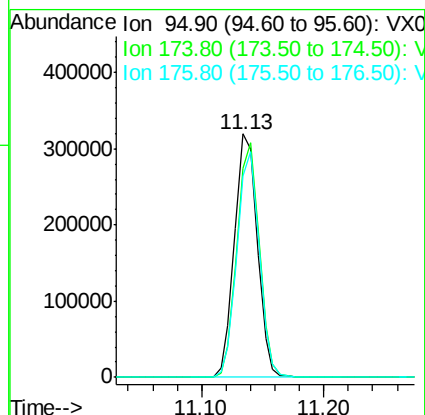
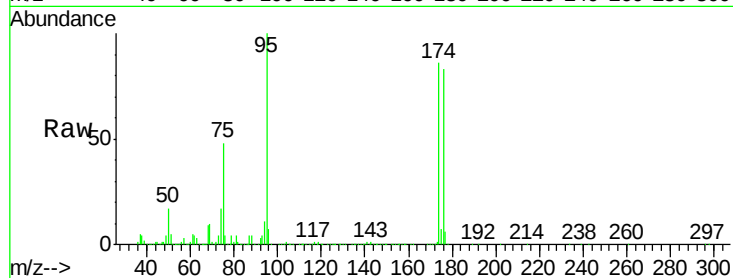




#62
4-Bromofluorobenzene
Concen: 51.276 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX006991.D
Acq: 10 Jan 2019 15:47

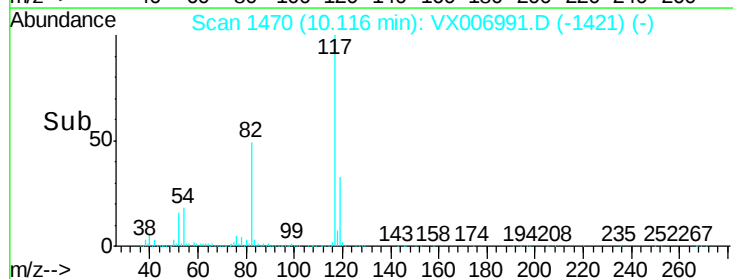
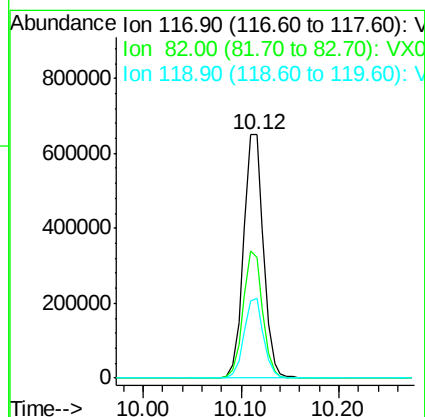
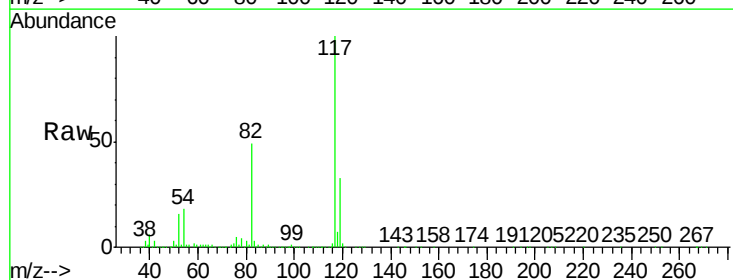
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CROSSWICKS-DRUM-2

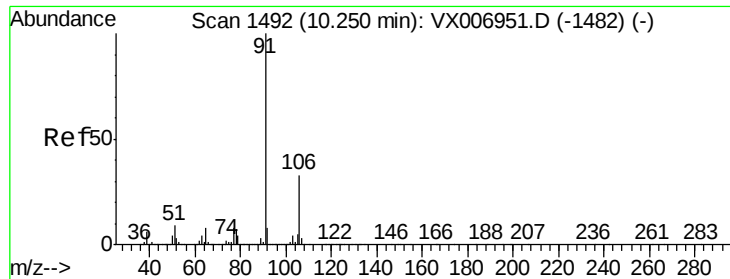
Tot Ion: 95 Resp: 412265
Ion Ratio Lower Upper
95 100
174 94.1 0.0 182.2
176 90.4 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006991.D
Acq: 10 Jan 2019 15:47

Tgt Ion: 117 Resp: 913654
Ion Ratio Lower Upper
117 100
82 49.4 41.0 61.6
119 33.0 25.4 38.0





#67

Ethyl Benzene

Concen: 45.264 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006991.D

Acq: 10 Jan 2019 15:47

Instrument :

MSVOA_X

ClientSampleId :

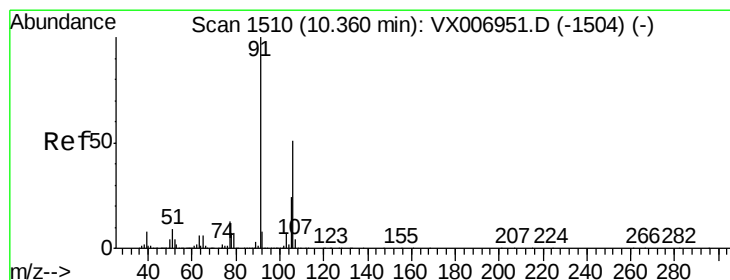
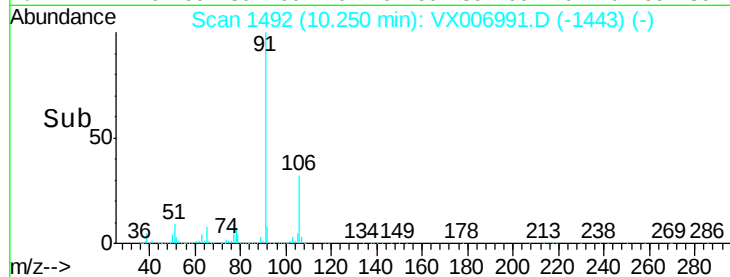
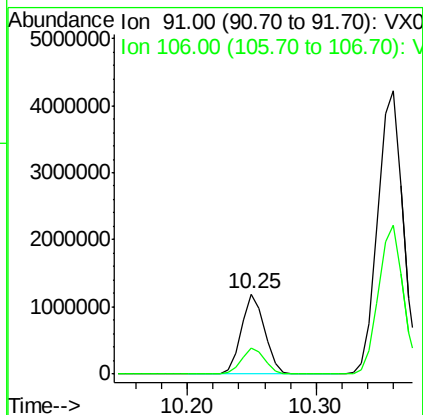
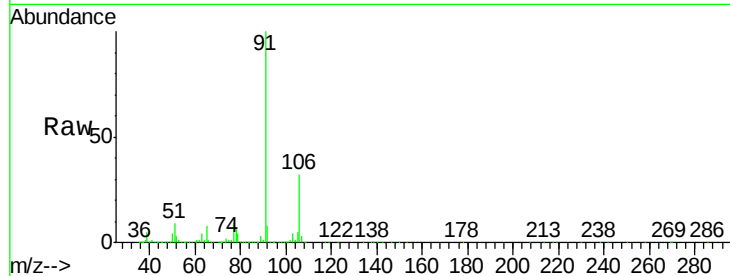
CROSSWICKS-DRUM-2

Tot Ion: 91 Resp: 1489076

Ion Ratio Lower Upper

91 100

106 32.2 26.4 39.6



#68

m/p-Xylenes

Concen: 226.524 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006991.D

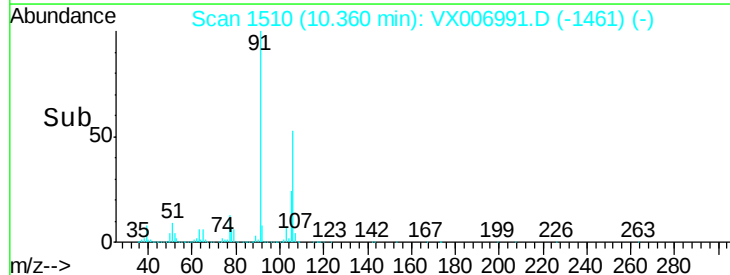
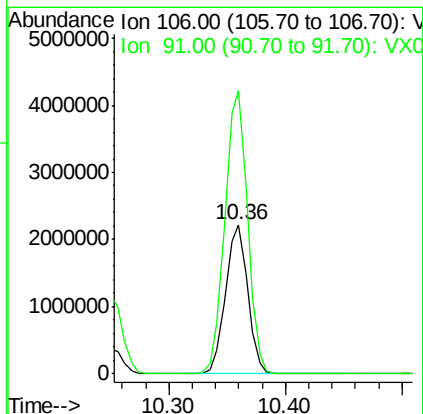
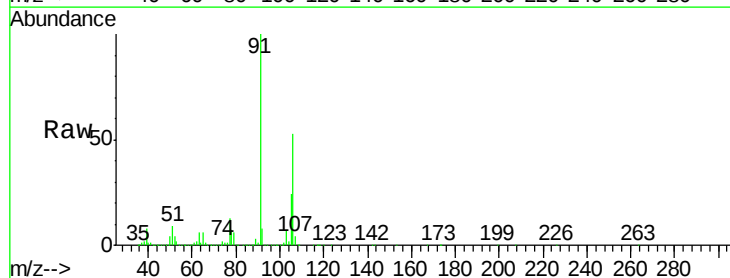
Acq: 10 Jan 2019 15:47

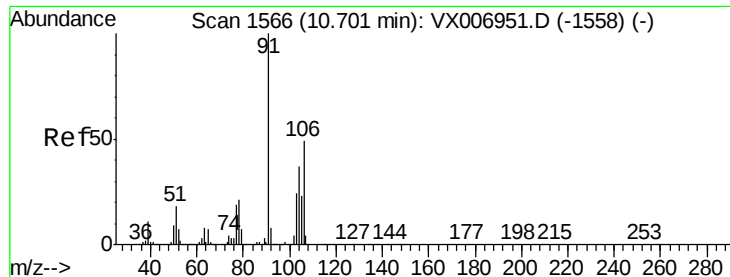
Tgt Ion: 106 Resp: 2936004

Ion Ratio Lower Upper

106 100

91 193.0 155.8 233.6

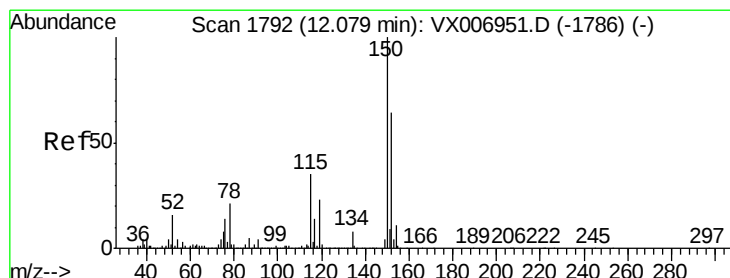
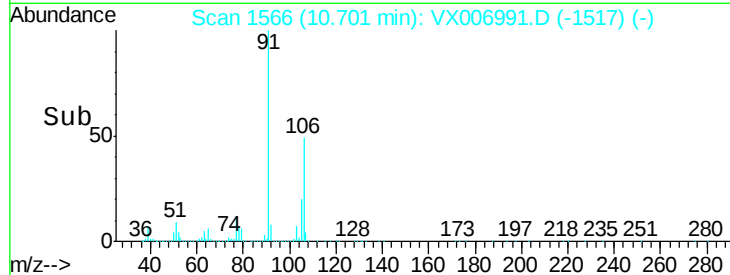
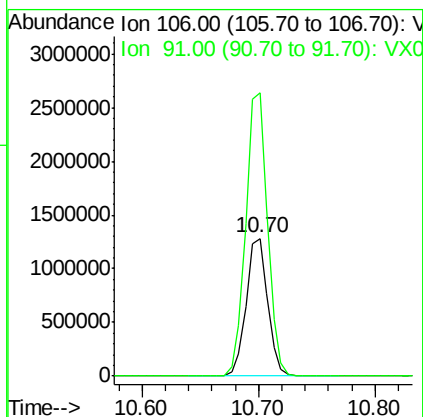
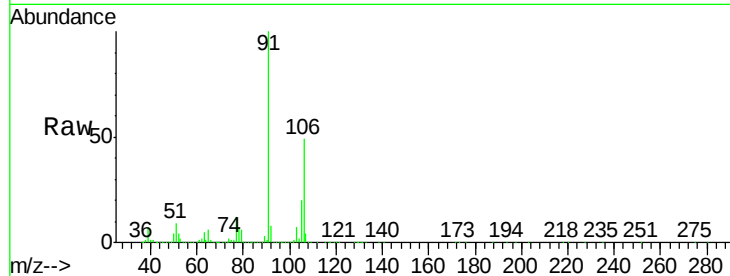




#69
o-Xylene
Concen: 130.933 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006991.D
Acq: 10 Jan 2019 15:47

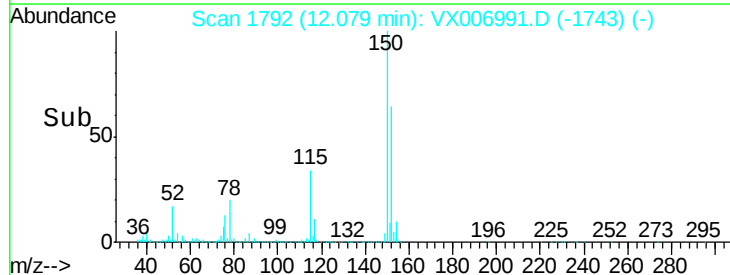
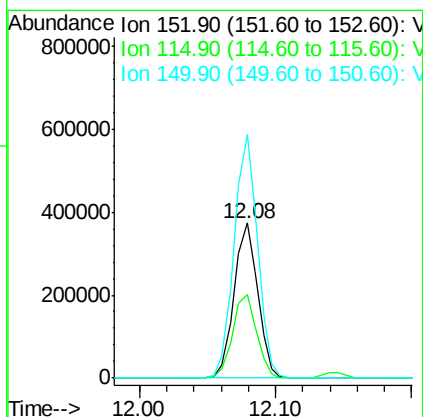
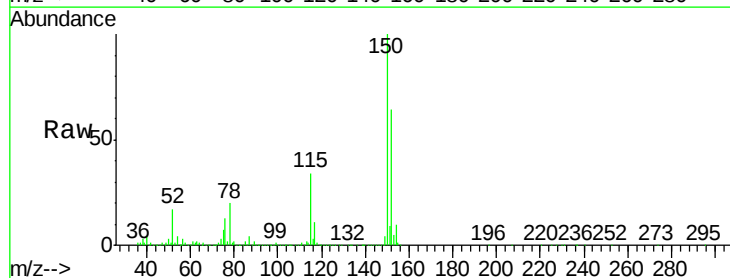
Instrument :
MSVOA_X
ClientSampleId :
CROSSWICKS-DRUM-2

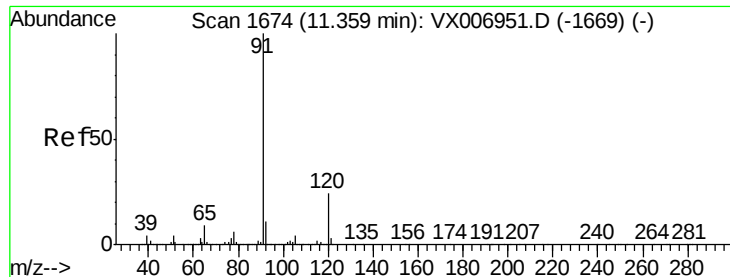
Tot Ion:106 Resp: 1655041
Ion Ratio Lower Upper
106 100
91 209.2 101.3 303.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006991.D
Acq: 10 Jan 2019 15:47

Tgt Ion:152 Resp: 452142
Ion Ratio Lower Upper
152 100
115 54.7 39.1 117.2
150 156.1 0.0 344.8





#78

n-propylbenzene

Concen: 2.348 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006991.D

Acq: 10 Jan 2019 15:47

Instrument :

MSVOA_X

ClientSampleId :

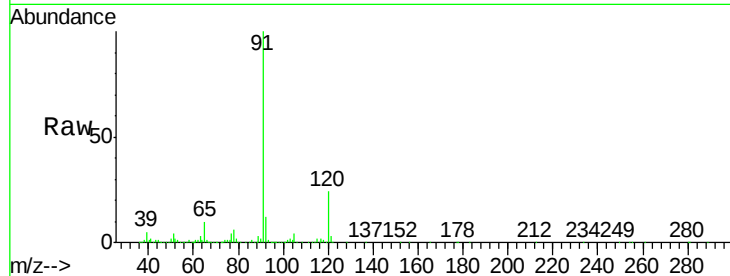
CROSSWICKS-DRUM-2

Tot Ion: 91 Resp: 82172

Ion Ratio Lower Upper

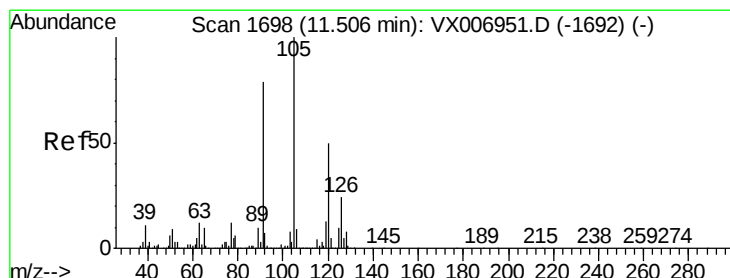
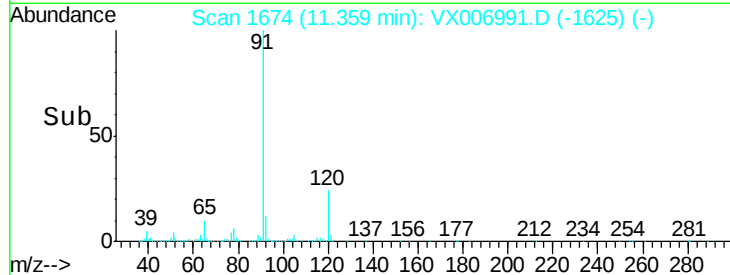
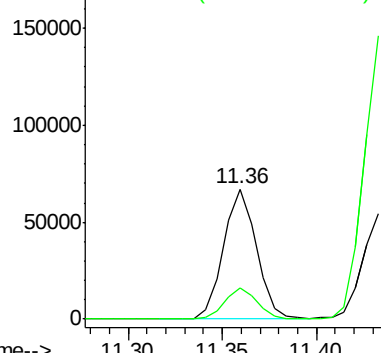
91 100

120 23.7 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 11.506 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006991.D

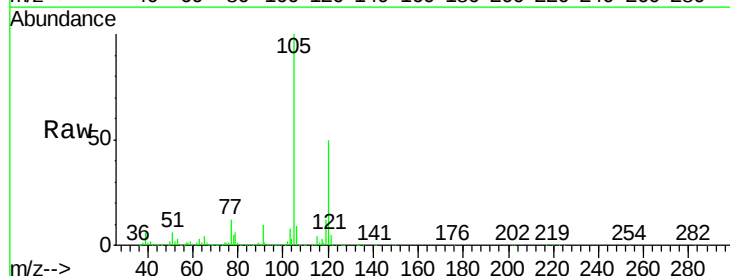
Acq: 10 Jan 2019 15:47

Tgt Ion:105 Resp: 306516

Ion Ratio Lower Upper

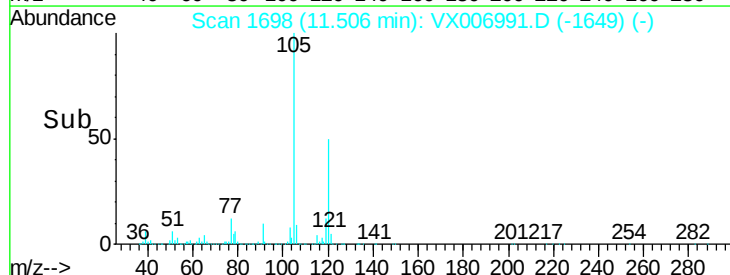
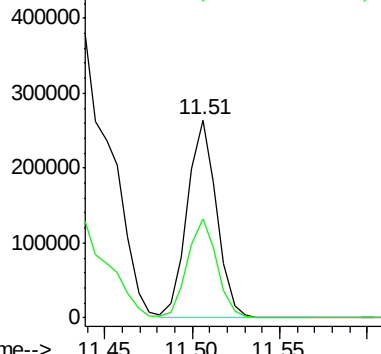
105 100

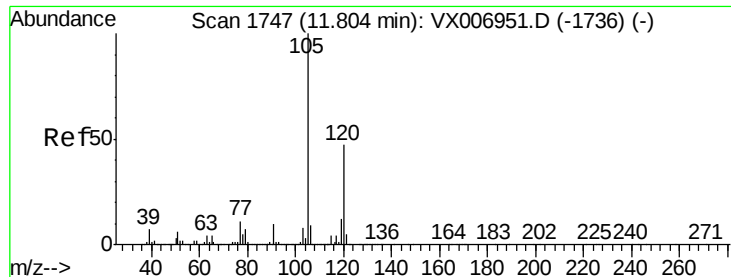
120 50.4 25.1 75.3



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: 56.041 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006991.D

Acq: 10 Jan 2019 15:47

Instrument :

MSVOA_X

ClientSampleId :

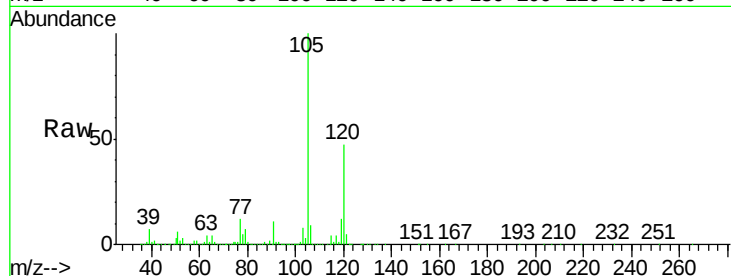
CROSSWICKS-DRUM-2

Tot Ion:105 Resp: 1501268

Ion Ratio Lower Upper

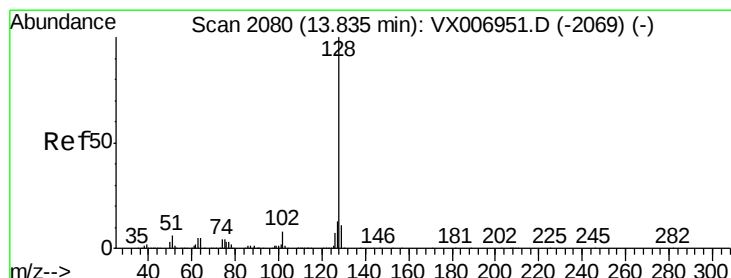
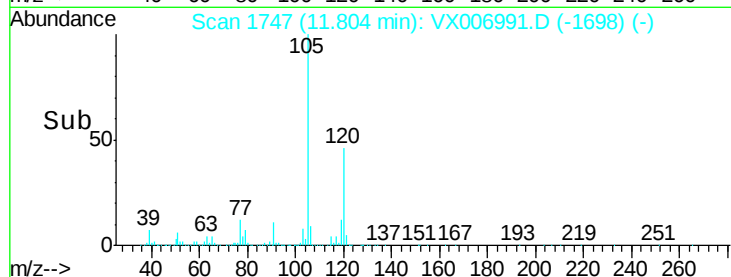
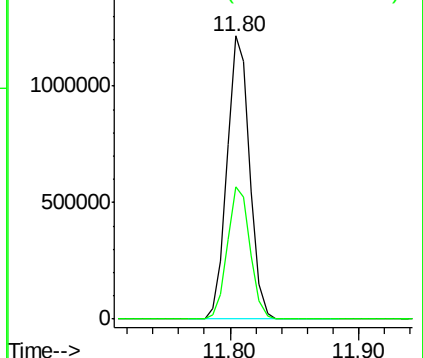
105 100

120 47.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 2.686 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006991.D

Acq: 10 Jan 2019 15:47

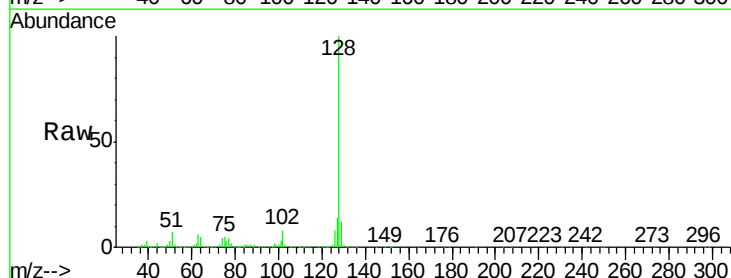
Tgt Ion:128 Resp: 87494

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

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

