

Data Path : W:\HPCHEM1\MSVOA X\DATA\WX050818\
 Data File : VX001506.D
 Acq On : 08 May 2018 11:46
 Operator : JC/MD
 Sample : J2695-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CS-DRUM-2

Quant Time: May 08 14:12:52 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	261937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358353	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	196556	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	175130	46.52	ug/l	0.00
Spiked Amount			Recovery	=	93.04%	
35) Dibromofluoromethane	5.51	113	136120	42.70	ug/l	0.00
Spiked Amount			Recovery	=	85.40%	
50) Toluene-d8	8.72	98	514828	44.25	ug/l	0.00
Spiked Amount			Recovery	=	88.50%	
62) 4-Bromofluorobenzene	11.14	95	178244	39.91	ug/l	0.00
Spiked Amount			Recovery	=	79.82%	

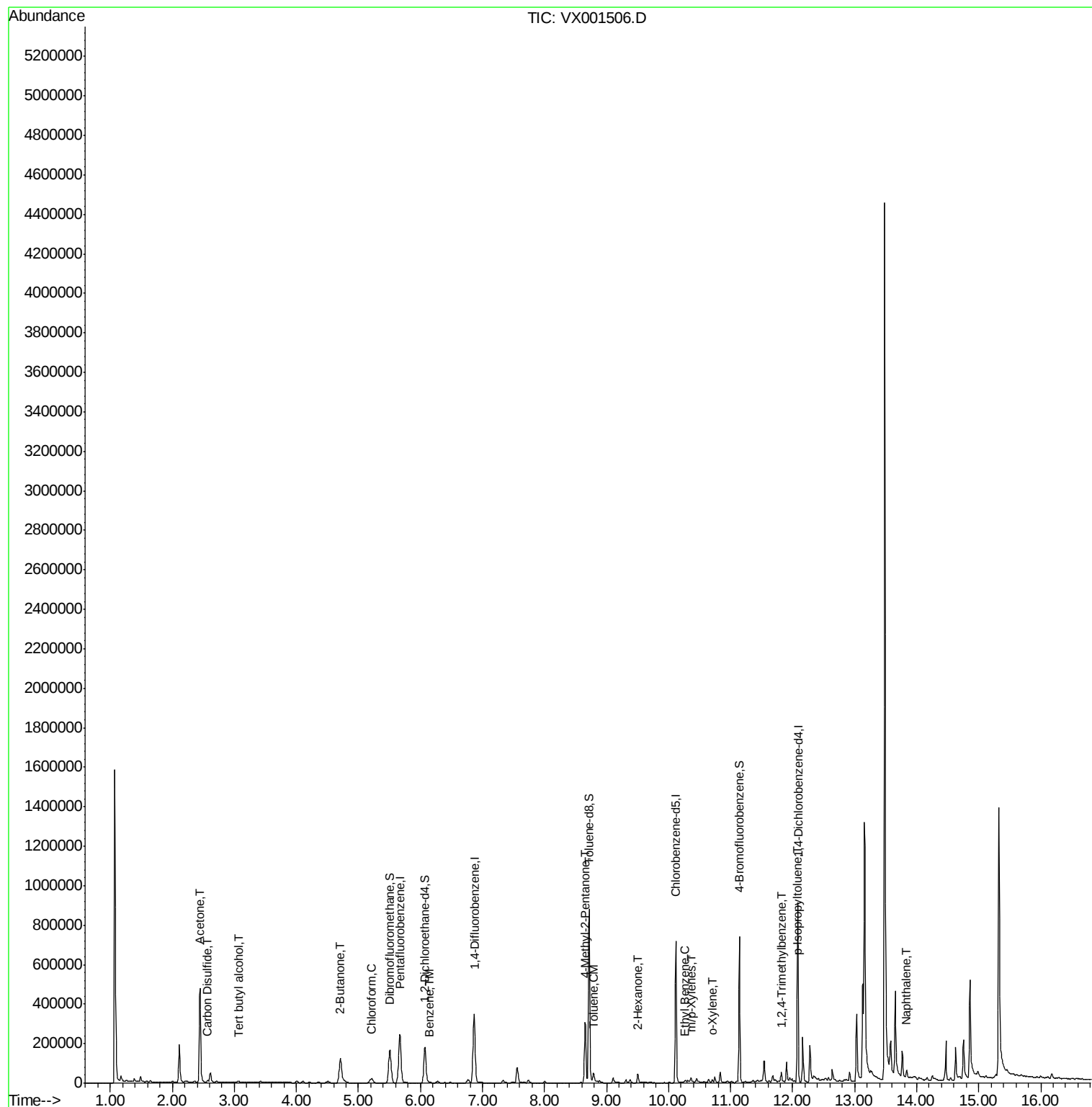
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.07	59	7322	9.22	ug/l	98
16) Acetone	2.45	43	509590	298.09	ug/l	99
17) Carbon Disulfide	2.57	76	10583	1.43	ug/l	98
25) 2-Butanone	4.71	43	218764	88.53	ug/l	98
30) Chloroform	5.22	83	15331	2.64	ug/l	97
40) Benzene	6.15	78	4628	0.35	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	178879	35.09	ug/l	99
52) Toluene	8.79	92	10079	1.16	ug/l	99
59) 2-Hexanone	9.50	43	23889	6.12	ug/l	100
67) Ethyl Benzene	10.26	91	3879	0.25	ug/l	99
68) m/p-Xylenes	10.36	106	5769	0.93	ug/l	95
69) o-Xylene	10.70	106	2914	0.48	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	8093	0.70	ug/l	92
86) p-Isopropyltoluene	12.07	119	3460	0.28	ug/l #	71
95) Naphthalene	13.84	128	5300	0.36	ug/l	96

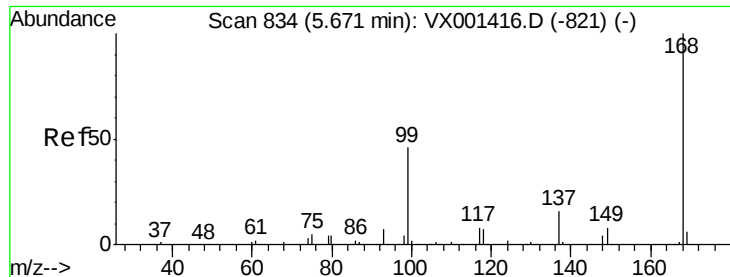
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001506.D

Acq: 08 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

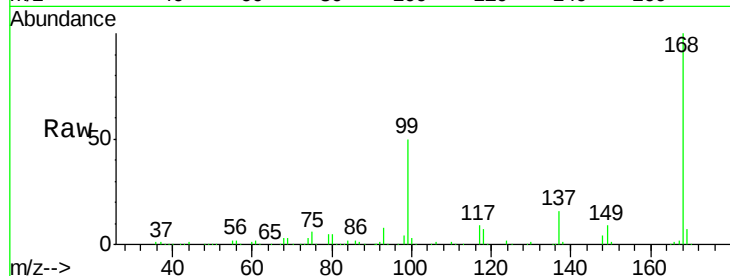
CS-DRUM-2

Tot Ion:168 Resp: 261937

Ion Ratio Lower Upper

168 100

99 50.1 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

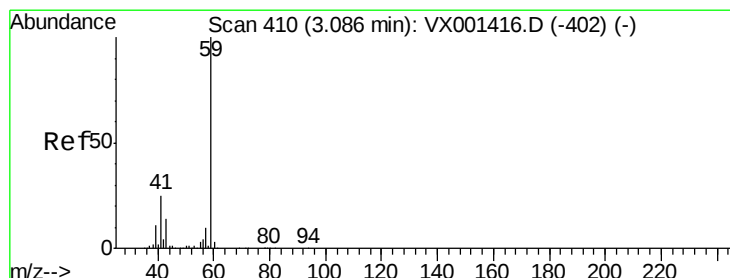
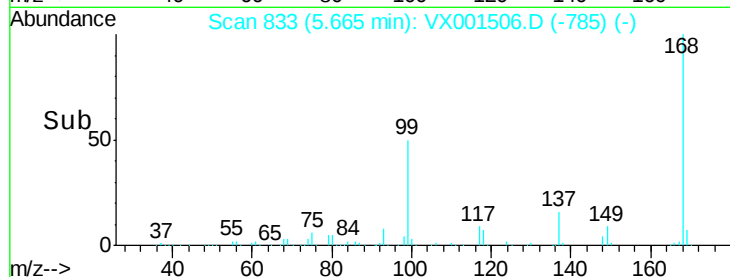
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 9.22 ug/l

RT: 3.07 min Scan# 407

Delta R.T. -0.02 min

Lab File: VX001506.D

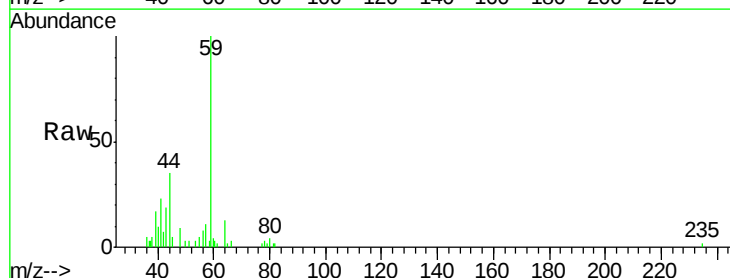
Acq: 08 May 2018 11:46

Tgt Ion: 59 Resp: 7322

Ion Ratio Lower Upper

59 100

57 11.2 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.07

3000

2500

2000

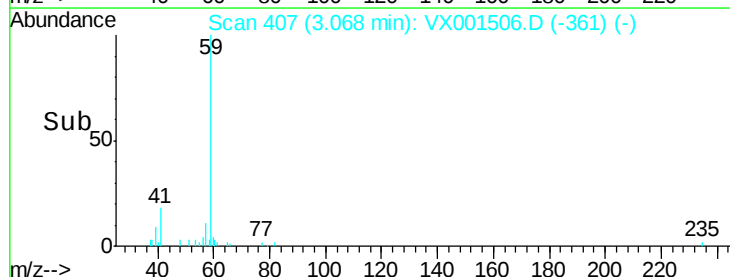
1500

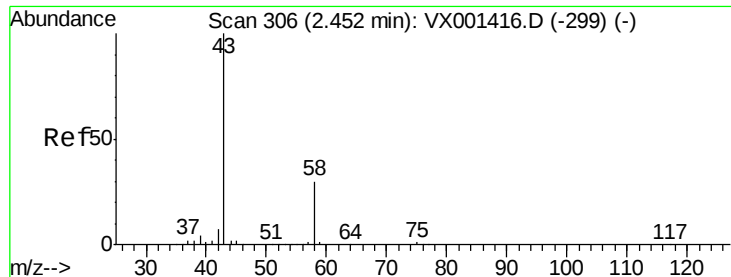
1000

500

0

Time--> 2.90 3.00 3.10





#16

Acetone

Concen: 298.09 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001506.D

Acq: 08 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

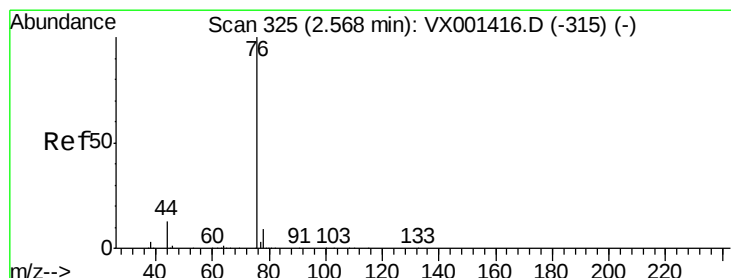
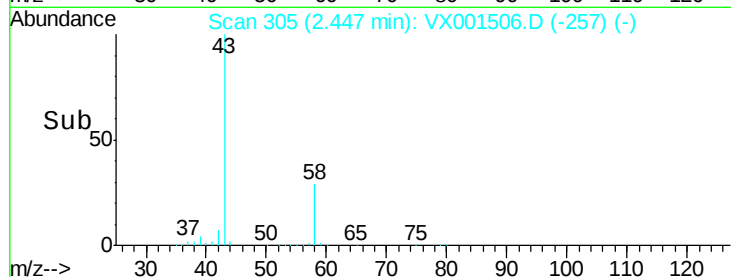
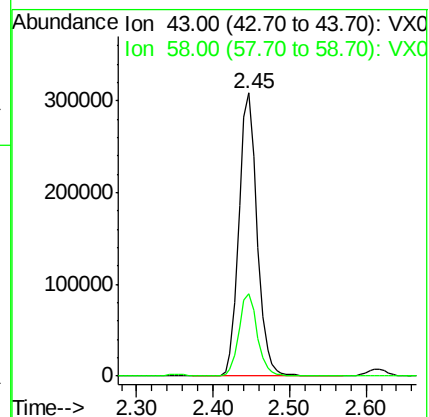
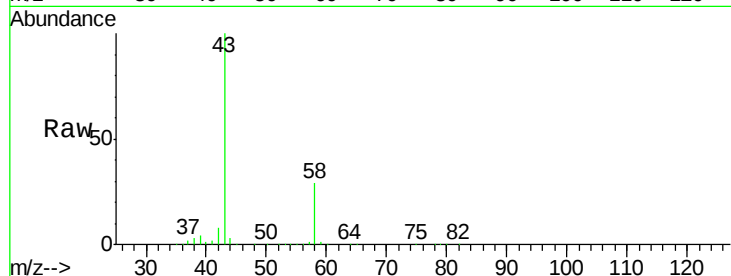
CS-DRUM-2

Tot Ion: 43 Resp: 509590

Ion Ratio Lower Upper

43 100

58 29.1 23.8 35.8



#17

Carbon Disulfide

Concen: 1.43 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001506.D

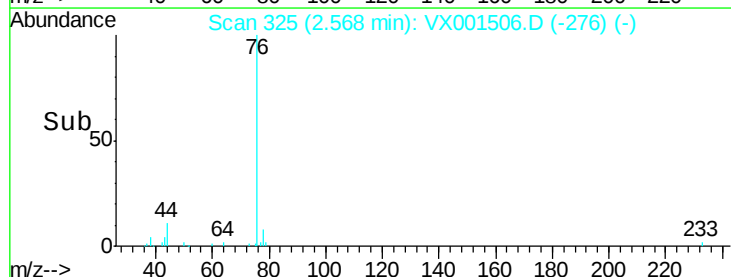
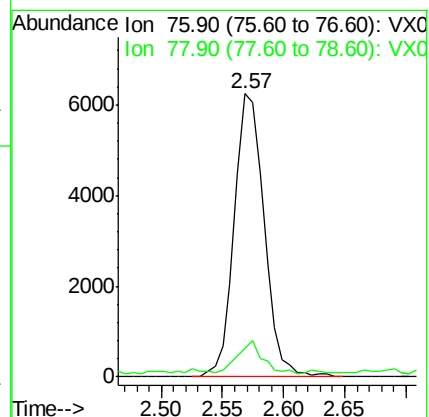
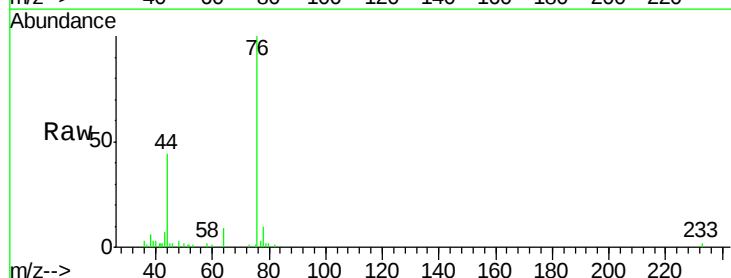
Acq: 08 May 2018 11:46

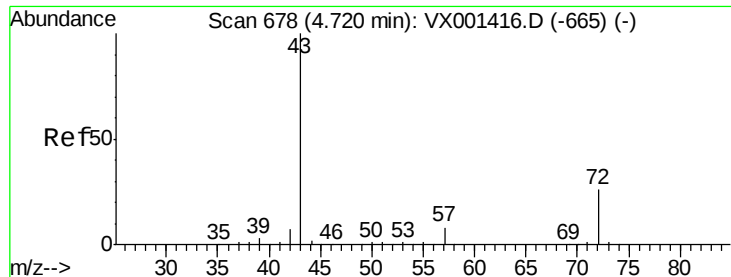
Tgt Ion: 76 Resp: 10583

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2





#25

2-Butanone

Concen: 88.53 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001506.D

Acq: 08 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

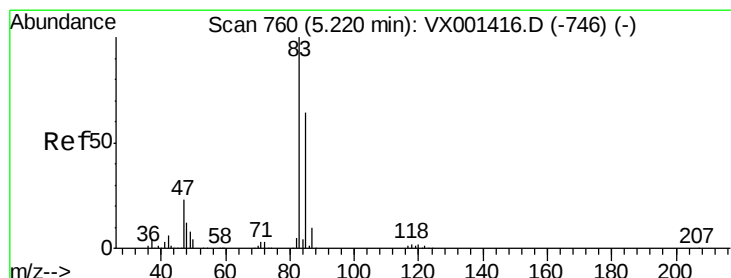
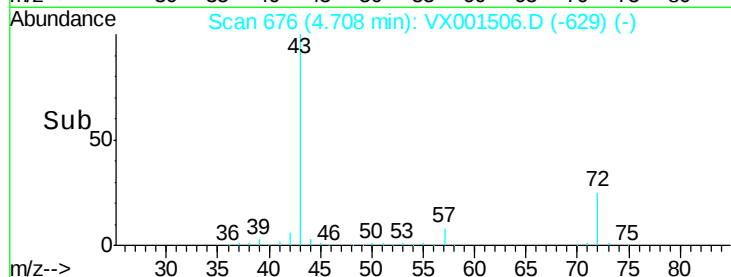
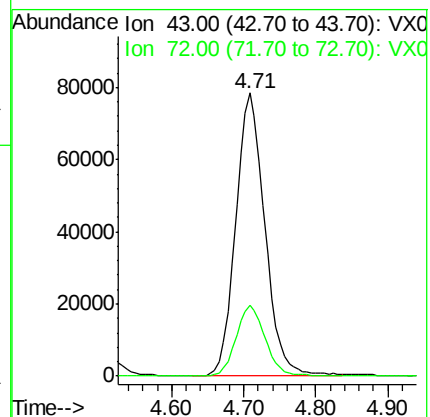
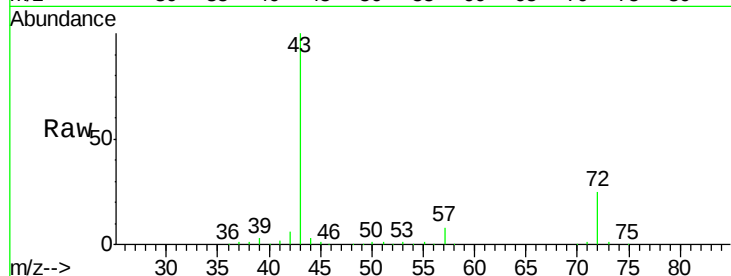
CS-DRUM-2

Tot Ion: 43 Resp: 218764

Ion Ratio Lower Upper

43 100

72 25.1 20.7 31.1



#30

Chloroform

Concen: 2.64 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001506.D

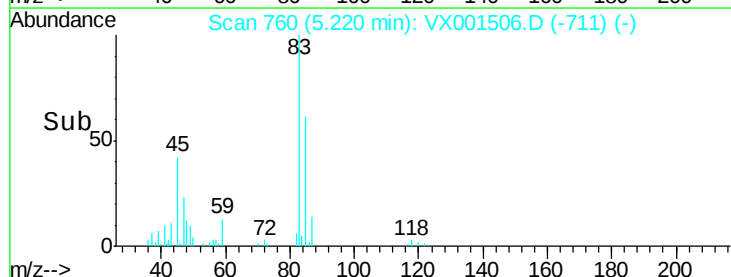
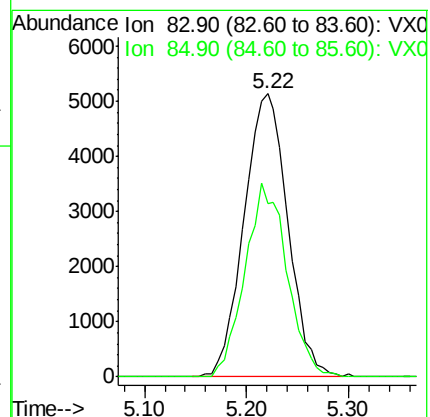
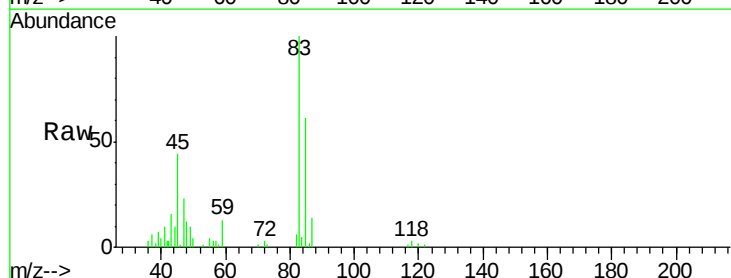
Acq: 08 May 2018 11:46

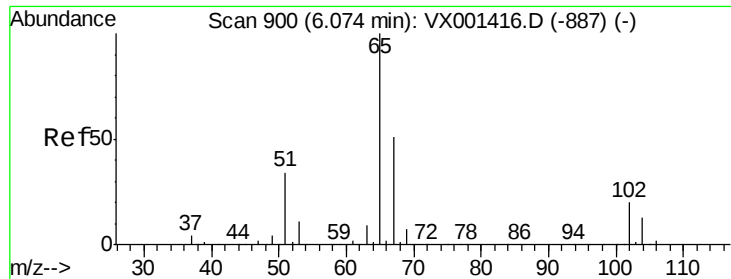
Tgt Ion: 83 Resp: 15331

Ion Ratio Lower Upper

83 100

85 61.2 51.0 76.4





#33

1,2-Dichloroethane-d4

Concen: 46.52 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001506.D

Acq: 08 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

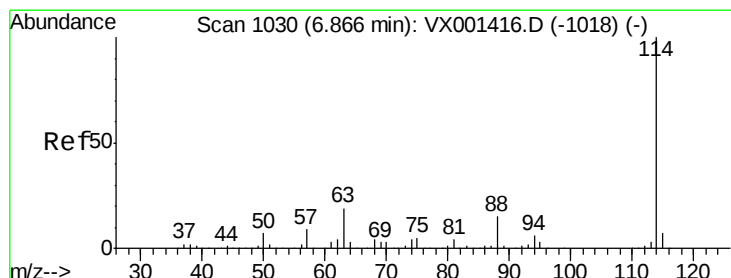
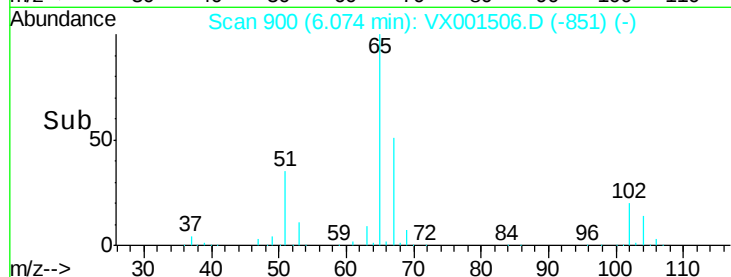
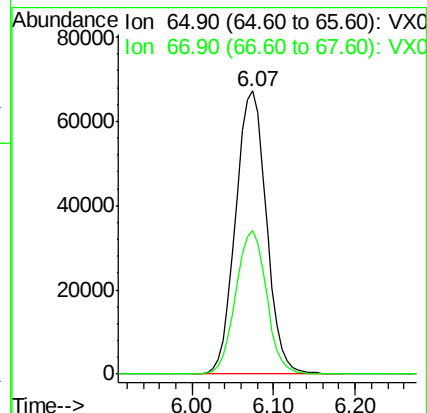
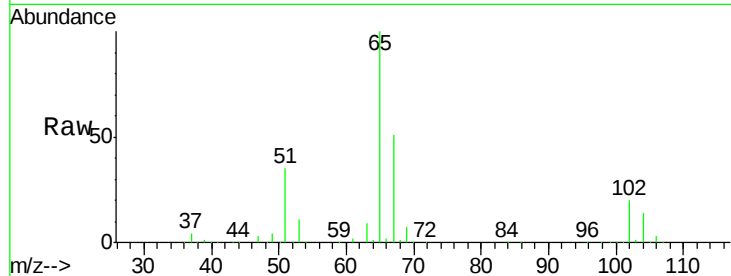
CS-DRUM-2

Tot Ion: 65 Resp: 175130

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001506.D

Acq: 08 May 2018 11:46

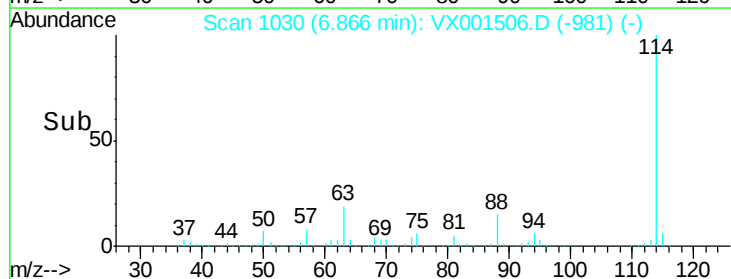
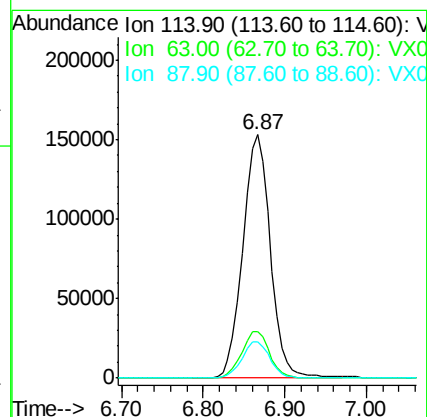
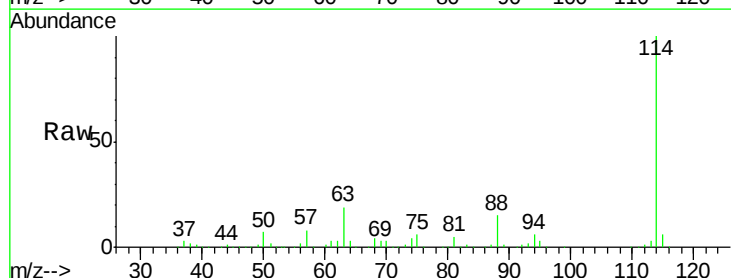
Tgt Ion: 114 Resp: 358353

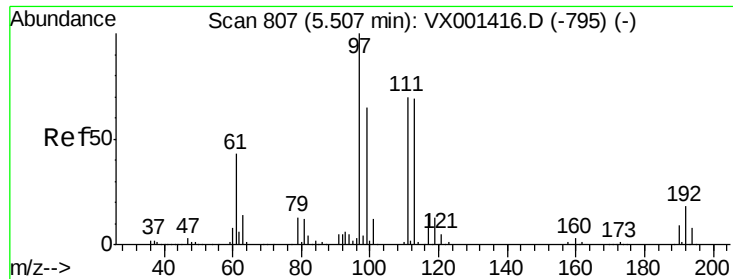
Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

88 14.7 0.0 30.8

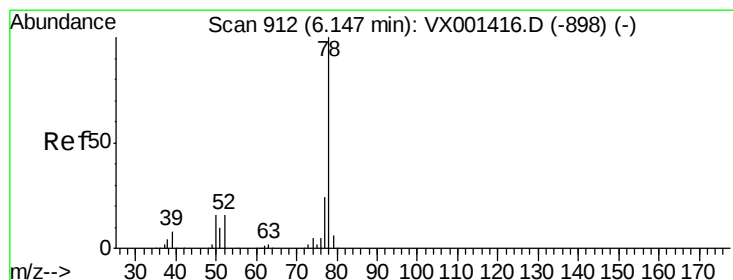
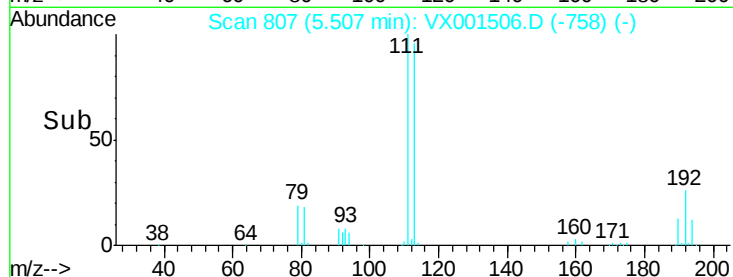
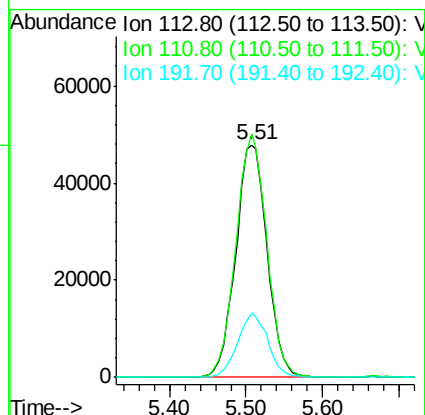
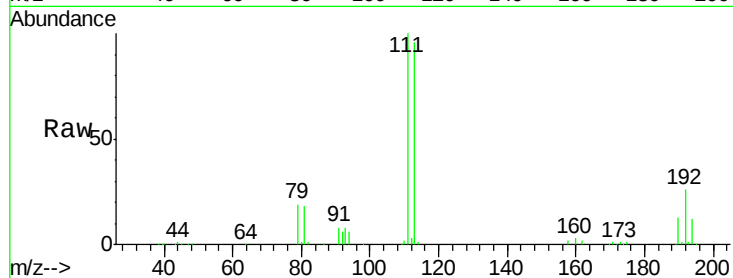




#35
 Dibromofluoromethane
 Concen: 42.70 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001506.D
 Acq: 08 May 2018 11:46

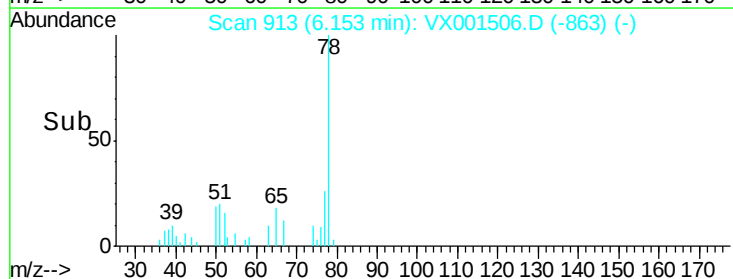
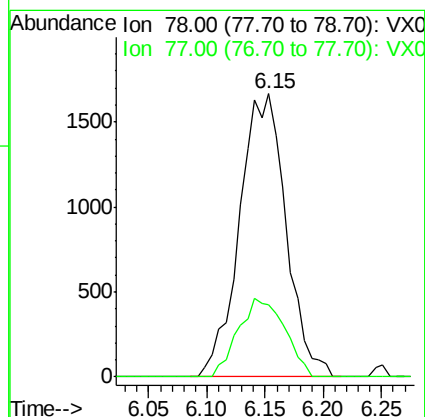
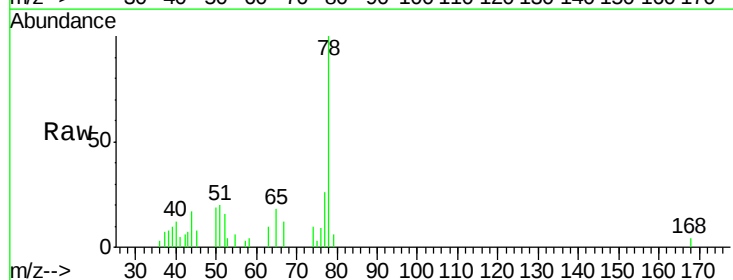
Instrument :
 MSVOA_X
 ClientSampleId :
 CS-DRUM-2

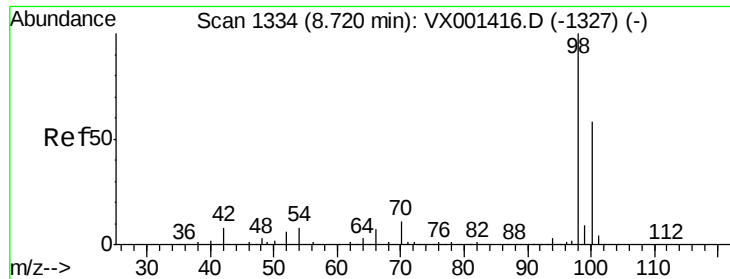
Tot Ion:113 Resp: 136120
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.2
 192 26.7 21.4 32.0



#40
 Benzene
 Concen: 0.35 ug/l
 RT: 6.15 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: VX001506.D
 Acq: 08 May 2018 11:46

Tgt Ion: 78 Resp: 4628
 Ion Ratio Lower Upper
 78 100
 77 25.6 19.4 29.2

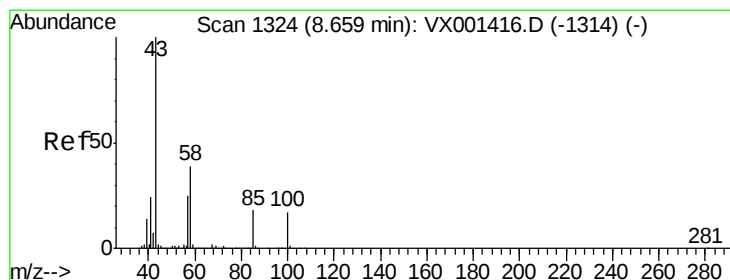
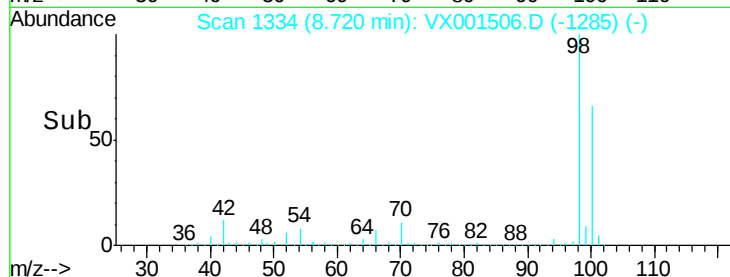
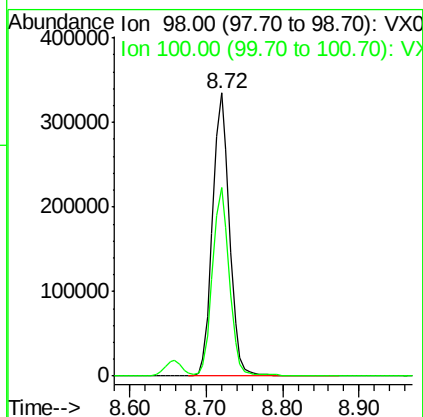
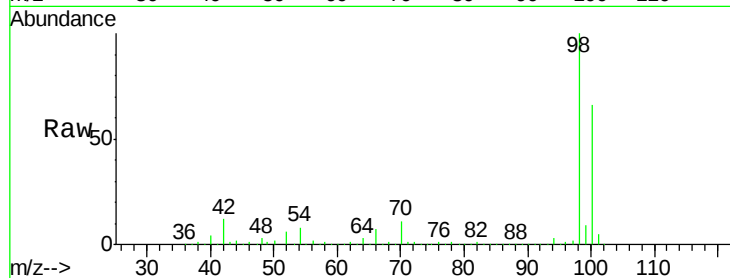




#50
Toluene-d8
Concen: 44.25 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001506.D
Acq: 08 May 2018 11:46

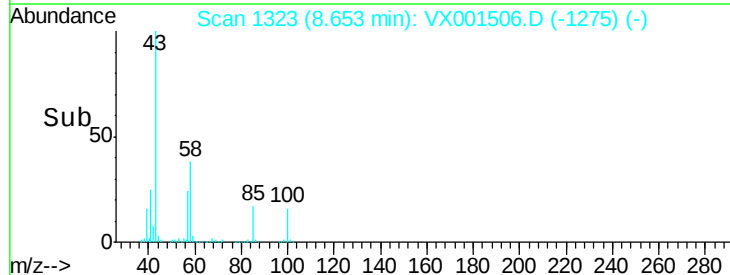
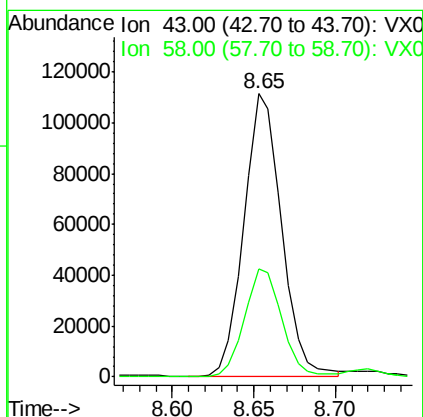
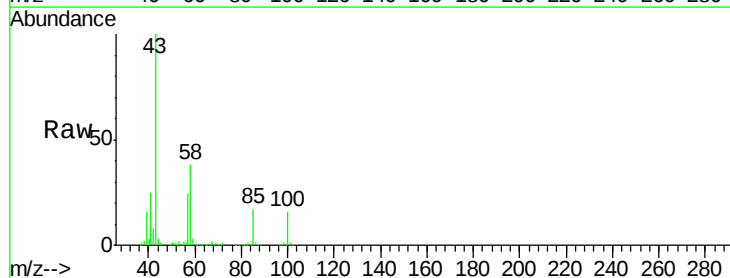
Instrument :
MSVOA_X
ClientSampleId :
CS-DRUM-2

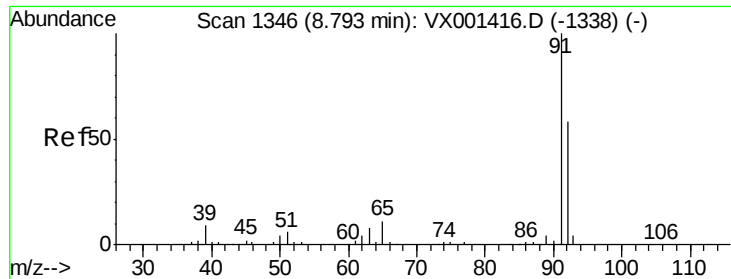
Tot Ion: 98 Resp: 514828
Ion Ratio Lower Upper
98 100
100 64.9 54.0 81.0



#51
4-Methyl-2-Pentanone
Concen: 35.09 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX001506.D
Acq: 08 May 2018 11:46

Tgt Ion: 43 Resp: 178879
Ion Ratio Lower Upper
43 100
58 38.0 30.8 46.2





#52

Toluene

Concen: 1.16 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001506.D

Acq: 08 May 2018 11:46

Instrument :

MSVOA_X

ClientSampled :

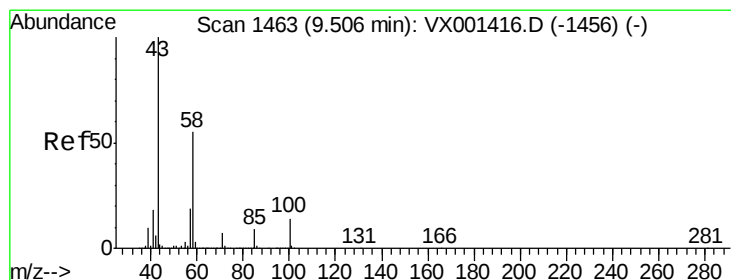
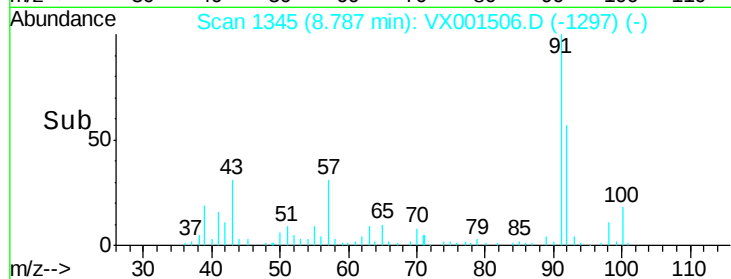
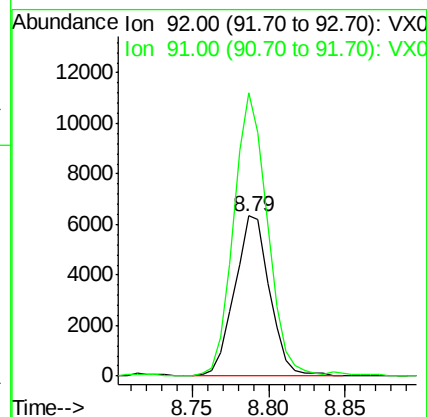
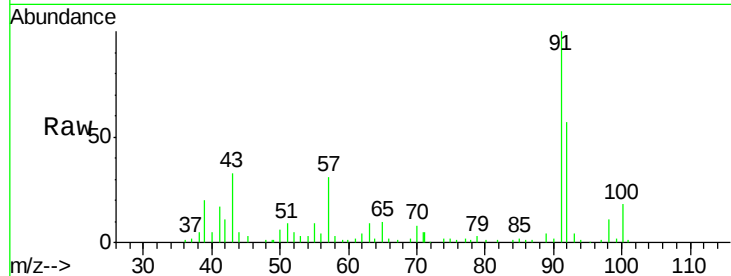
CS-DRUM-2

Tot Ion: 92 Resp: 10079

Ion Ratio Lower Upper

92 100

91 169.9 135.2 202.8



#59

2-Hexanone

Concen: 6.12 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.01 min

Lab File: VX001506.D

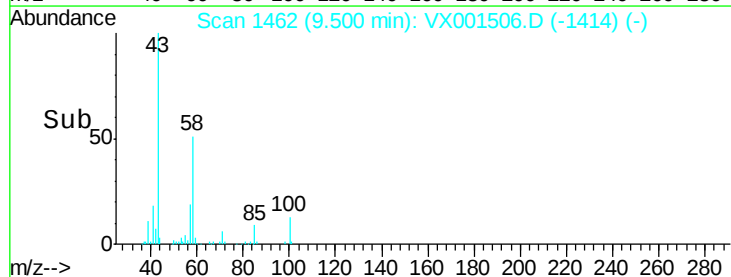
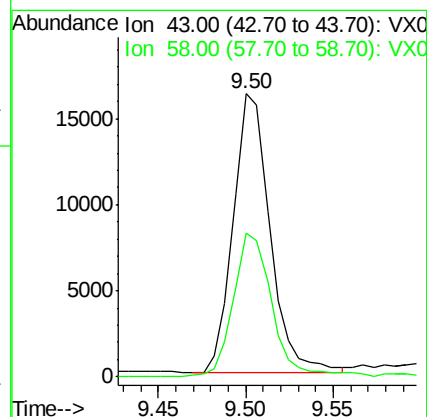
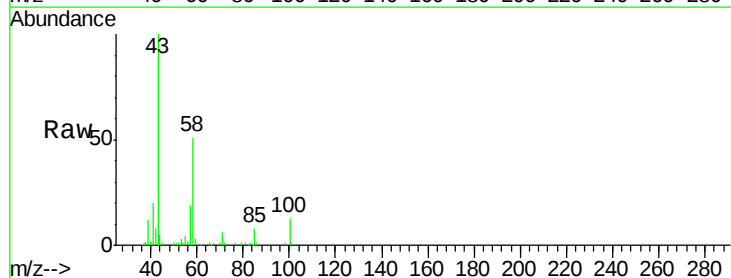
Acq: 08 May 2018 11:46

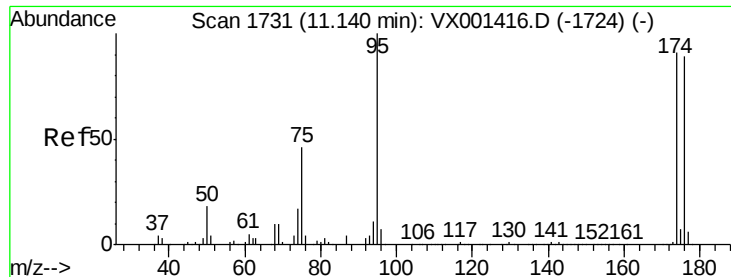
Tgt Ion: 43 Resp: 23889

Ion Ratio Lower Upper

43 100

58 54.1 27.1 81.2

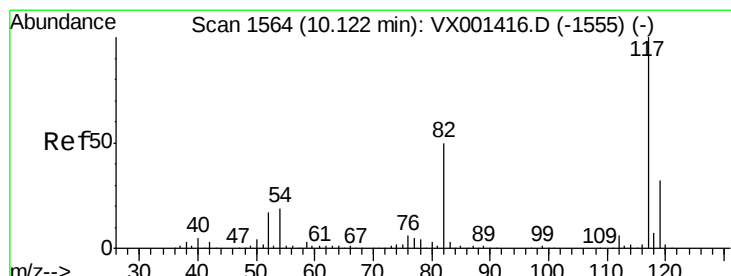
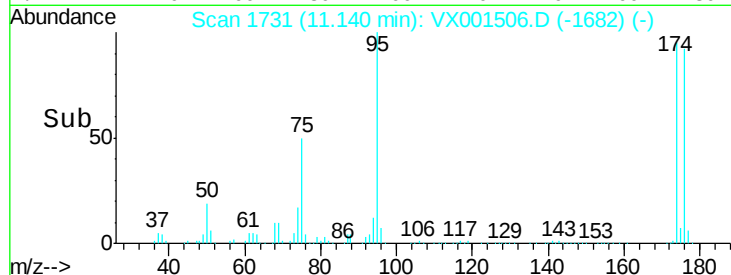
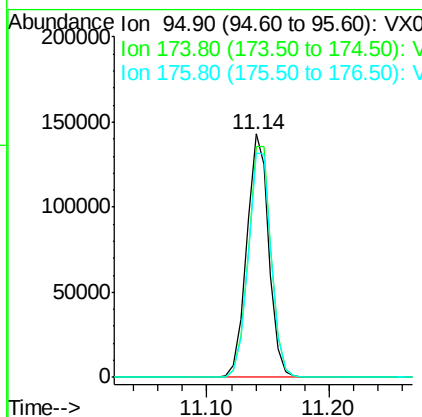
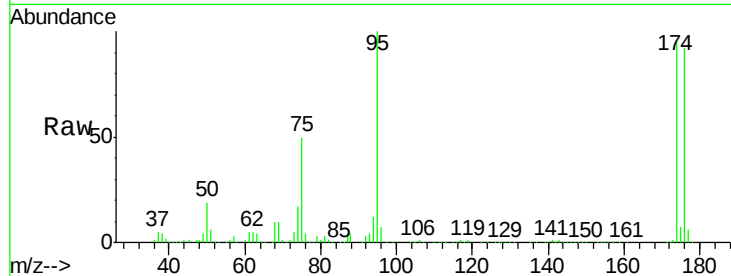




#62
4-Bromofluorobenzene
Concen: 39.91 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001506.D
Acq: 08 May 2018 11:46

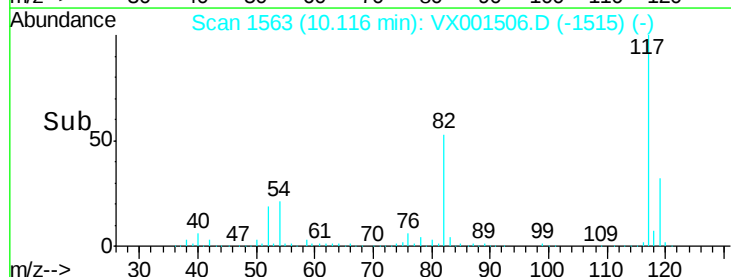
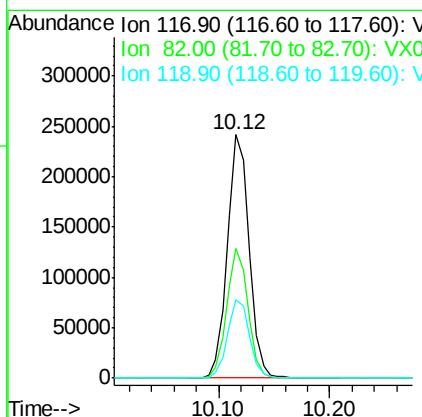
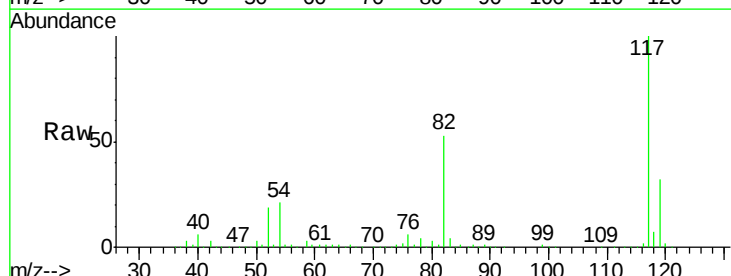
Instrument :
MSVOA_X
ClientSampleId :
CS-DRUM-2

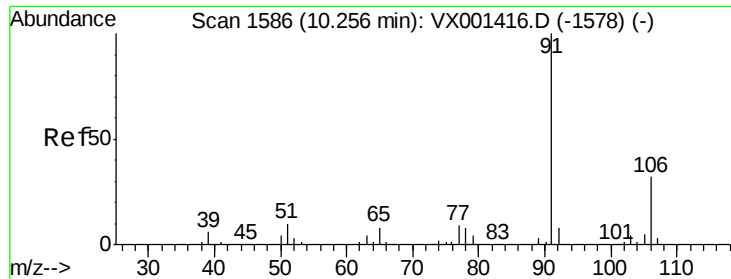
Tot Ion: 95 Resp: 178244
Ion Ratio Lower Upper
95 100
174 99.3 0.0 202.0
176 96.8 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001506.D
Acq: 08 May 2018 11:46

Tgt Ion: 117 Resp: 326607
Ion Ratio Lower Upper
117 100
82 53.5 40.0 60.0
119 32.0 25.8 38.8

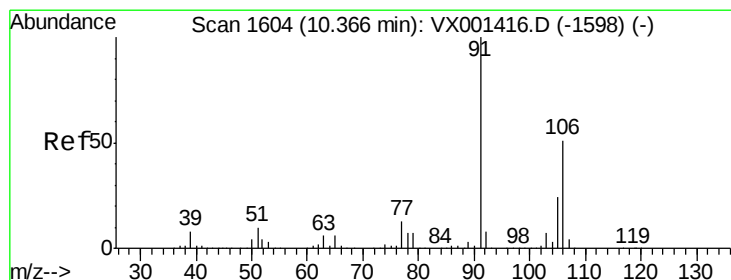
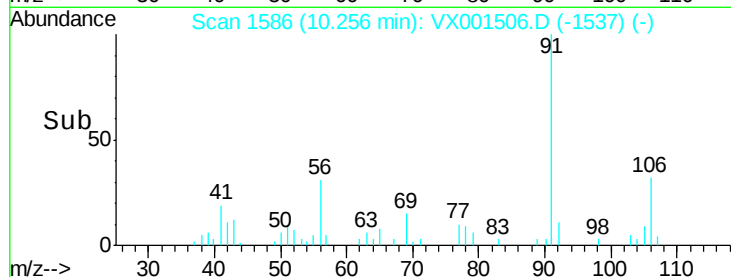
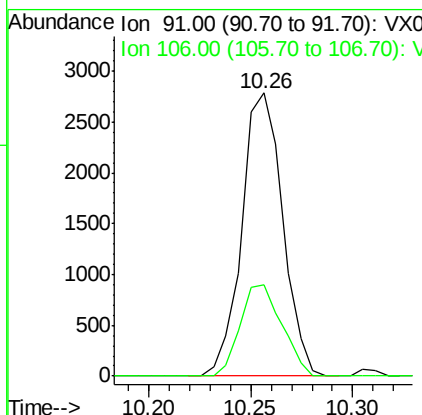
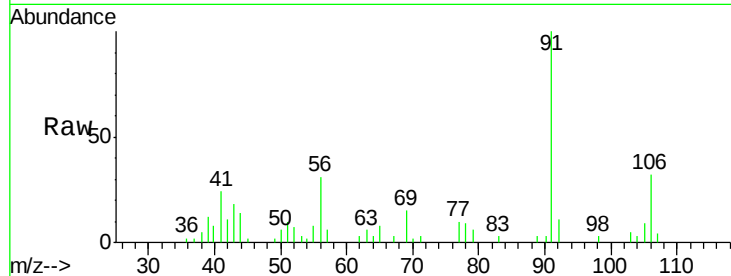




#67
Ethyl Benzene
Concen: 0.25 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001506.D
Acq: 08 May 2018 11:46

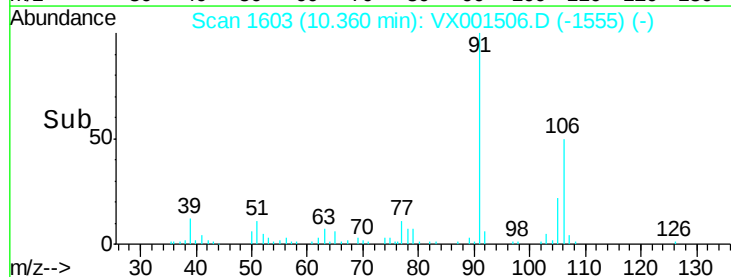
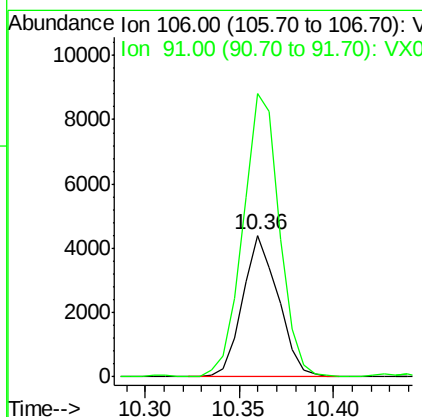
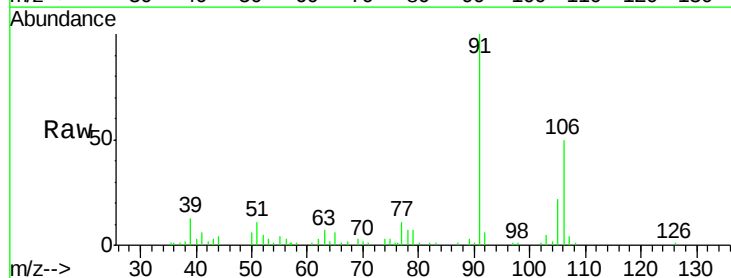
Instrument :
MSVOA_X
ClientSampled :
CS-DRUM-2

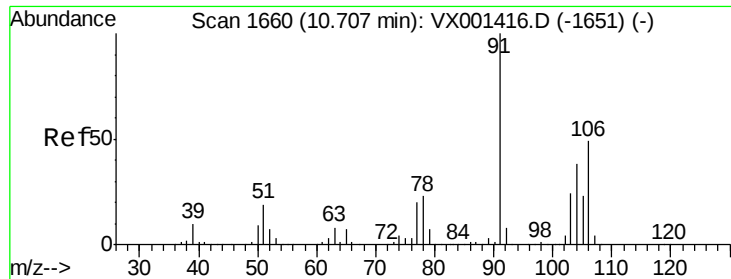
Tot Ion: 91 Resp: 3879
Ion Ratio Lower Upper
91 100
106 32.4 25.5 38.3



#68
m/p-Xylenes
Concen: 0.93 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX001506.D
Acq: 08 May 2018 11:46

Tgt Ion: 106 Resp: 5769
Ion Ratio Lower Upper
106 100
91 204.9 157.5 236.3

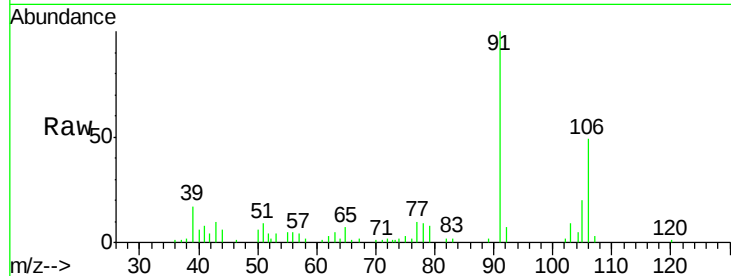




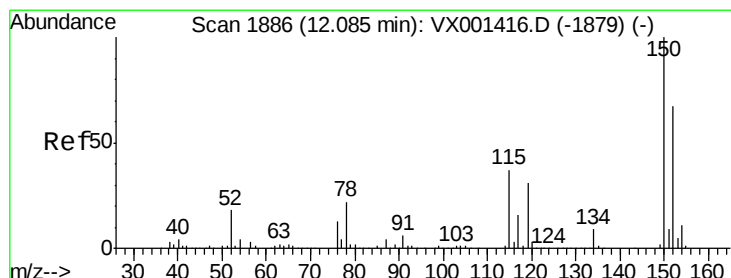
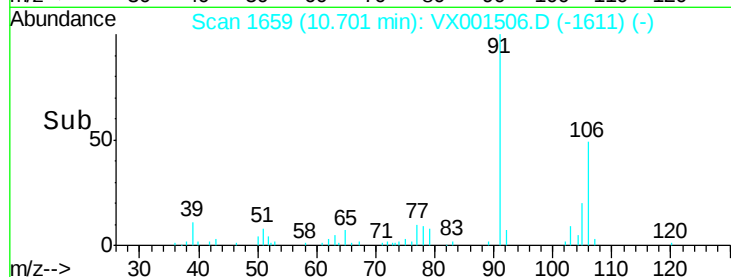
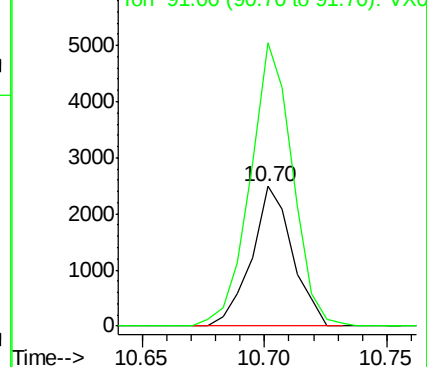
#69
o-Xylene
Concen: 0.48 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001506.D
Acq: 08 May 2018 11:46

Instrument :
MSVOA_X
ClientSampled :
CS-DRUM-2

Tot Ion:106 Resp: 2914
Ion Ratio Lower Upper
106 100
91 208.9 103.1 309.1

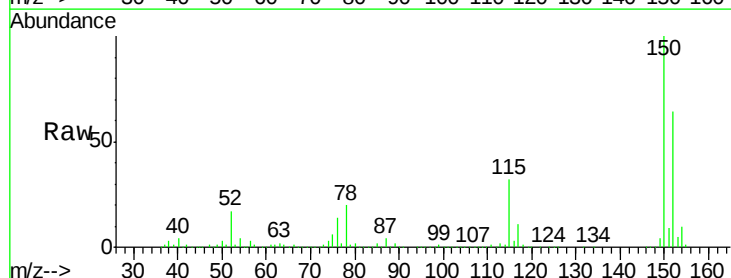


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

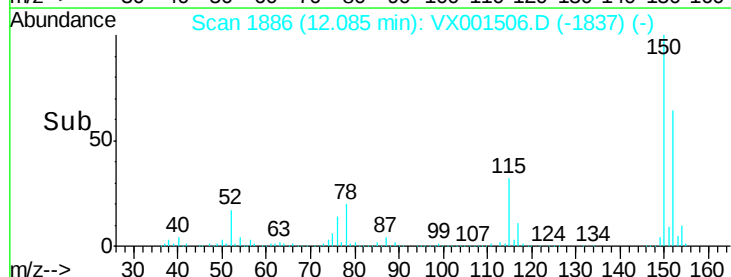
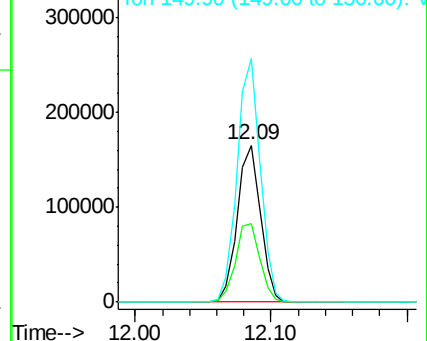


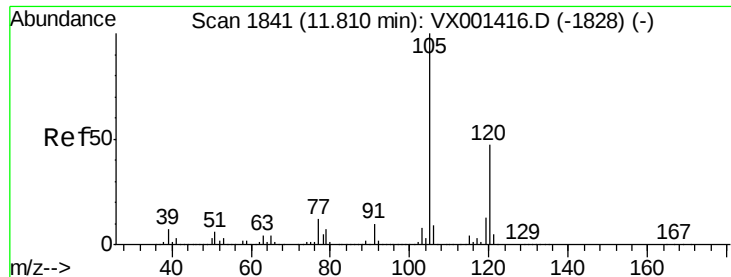
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001506.D
Acq: 08 May 2018 11:46

Tgt Ion:152 Resp: 196556
Ion Ratio Lower Upper
152 100
115 52.6 37.7 113.1
150 155.1 0.0 349.4



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





#84

1,2,4-Trimethylbenzene

Concen: 0.70 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX001506.D

Acq: 08 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

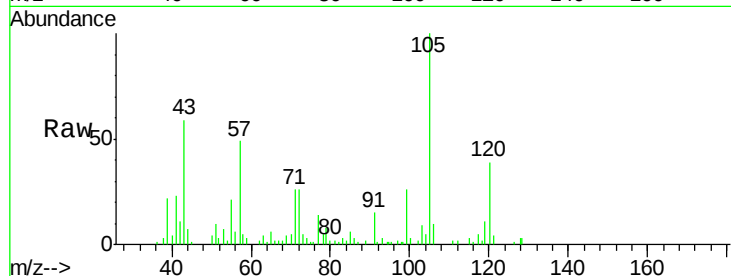
CS-DRUM-2

Tot Ion:105 Resp: 8093

Ion Ratio Lower Upper

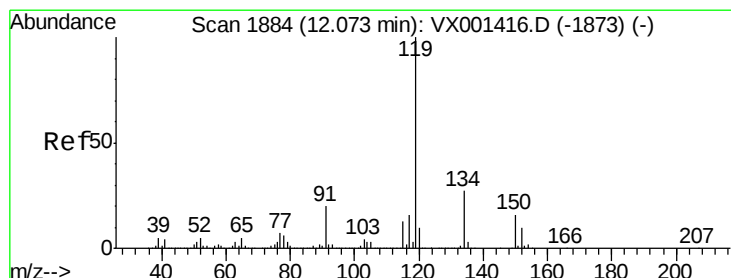
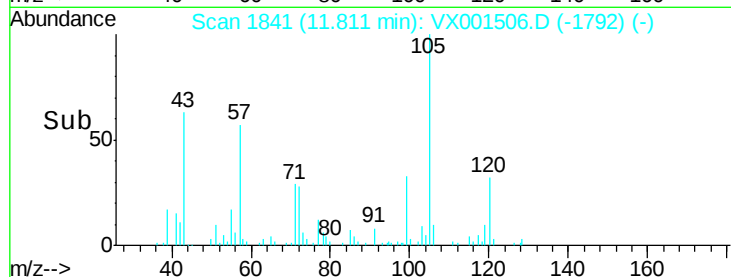
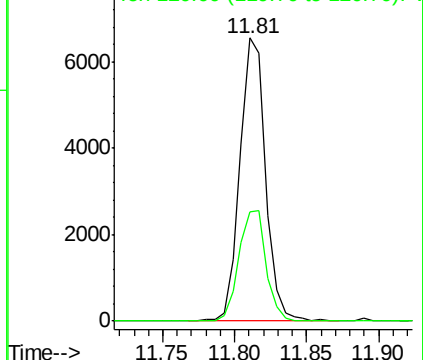
105 100

120 41.1 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#86

p-Isopropyltoluene

Concen: 0.28 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001506.D

Acq: 08 May 2018 11:46

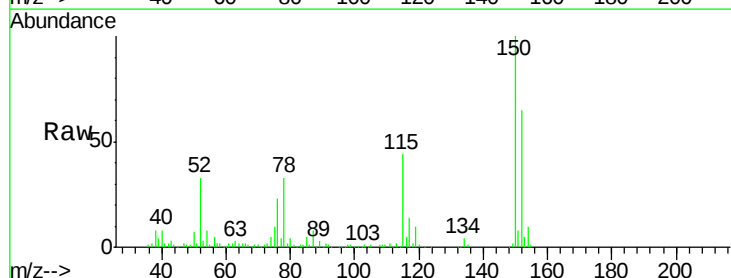
Tgt Ion:119 Resp: 3460

Ion Ratio Lower Upper

119 100

134 37.4 13.6 40.8

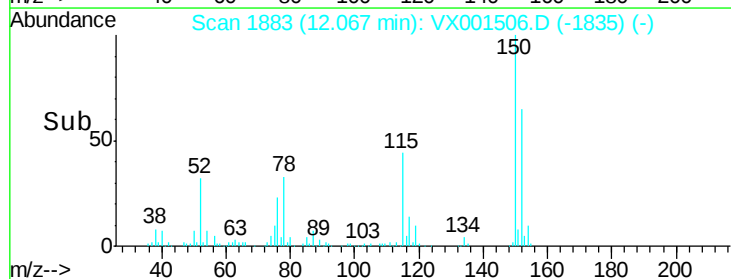
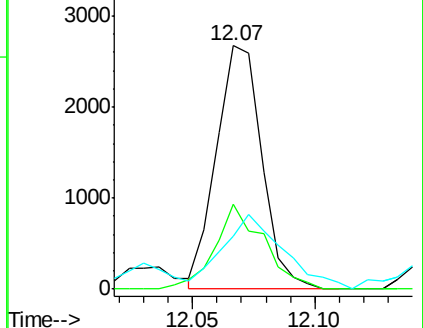
91 41.1 10.8 32.3#

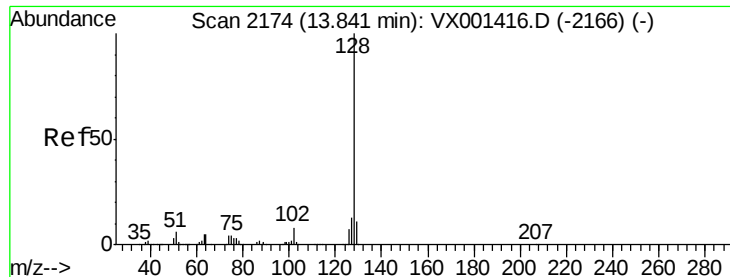


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#95

Naphthalene

Concen: 0.36 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001506.D

Acq: 08 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

CS-DRUM-2

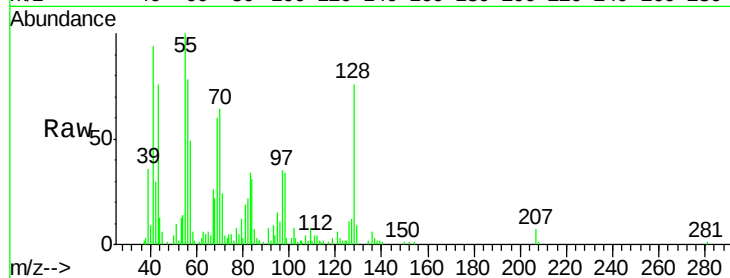
Tot Ion:128 Resp: 5300

Ion Ratio Lower Upper

128 100

127 15.1 10.4 15.6

129 12.1 8.7 13.1



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

