

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040418\
 Data File : VX000670.D
 Acq On : 04 Apr 2018 21:17
 Operator : JC/MD
 Sample : J2211-01 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-1-3-4-5-6

Quant Time: Apr 05 05:23:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 03:34:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	85204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	150969	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	147705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	76060	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	65158	45.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.02%	
35) Dibromofluoromethane	5.51	113	46797	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	
50) Toluene-d8	8.73	98	192654	43.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.92%	
62) 4-Bromofluorobenzene	11.15	95	65987	38.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.10%	

Target Compounds						Qvalue
3) Chloromethane	1.32	50	226	0.23	ug/l	88
6) Chloroethane	1.73	64	229	0.24	ug/l #	43
10) Methyl Iodide	2.53	142	133	9.46	ug/l #	35
11) Tert butyl alcohol	3.07	59	1594	2.84	ug/l #	85
13) Acrolein	2.29	56	177	0.53	ug/l	83
15) Acrylonitrile	3.16	53	248	0.24	ug/l #	59
16) Acetone	2.45	43	12055	10.12	ug/l	98
17) Carbon Disulfide	2.57	76	899	0.33	ug/l #	61
20) Methylene Chloride	2.87	84	9977	7.35	ug/l	90
25) 2-Butanone	4.73	43	2185	1.81	ug/l	99
29) Tetrahydrofuran	5.18	42	196	0.25	ug/l #	34
31) Cyclohexane	5.67	56	2885	2.02	ug/l #	51
36) 1,1-Dichloropropene	5.68	75	8108	5.79	ug/l #	52
38) Carbon Tetrachloride	5.68	117	9551	7.08	ug/l #	15
43) Isopropyl Acetate	6.49	43	1392	0.45	ug/l #	72
49) 1,4-Dioxane	8.01	88	23	0.69	ug/l #	24
51) 4-Methyl-2-Pentanone	8.66	43	8002	3.18	ug/l	96
52) Toluene	8.79	92	1427	0.50	ug/l	97
54) cis-1,3-Dichloropropene	9.06	75	64	4.20	ug/l #	27
56) Ethyl methacrylate	9.18	69	912	4.71	ug/l #	72
58) 2-Chloroethyl Vinyl ether	8.32	63	54	15.60	ug/l #	49
67) Ethyl Benzene	10.26	91	1756	0.33	ug/l	92
68) m/p-Xylenes	10.37	106	1616	0.81	ug/l	79
69) o-Xylene	10.71	106	948	0.48	ug/l	93
74) N-amyl acetate	6.49	43	1392	0.56	ug/l #	74
76) 1,2,3-Trichloropropane	11.15	75	40788	24.59	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.44	105	1099	0.28	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.15	75	40788	88.16	ug/l #	7
84) 1,2,4-Trimethylbenzene	11.81	105	2255	0.55	ug/l	84
89) n-Butylbenzene	12.40	91	906	0.21	ug/l	88
93) 1,2,4-Trichlorobenzene	13.66	180	425	0.27	ug/l #	76
94) Hexachlorobutadiene	13.80	225	122	0.20	ug/l #	52
95) Naphthalene	13.84	128	23121	4.04	ug/l	99

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Instrument :
MSVOA_X
ClientSampleId :
DRUM-1-3-4-5-6

Quant Time: Apr 05 05:23:07 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 05 03:34:50 2018
Response via : Initial Calibration

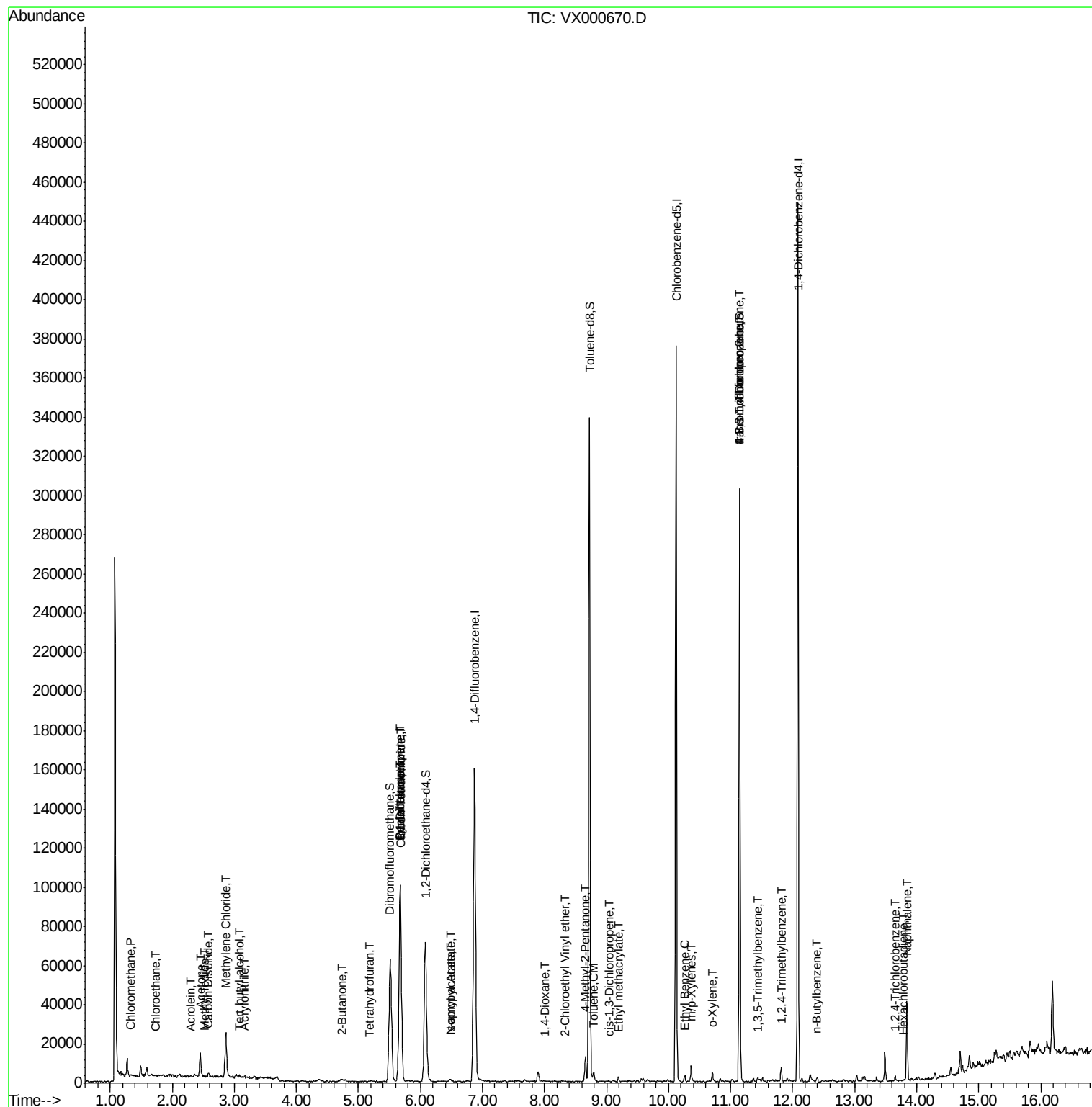
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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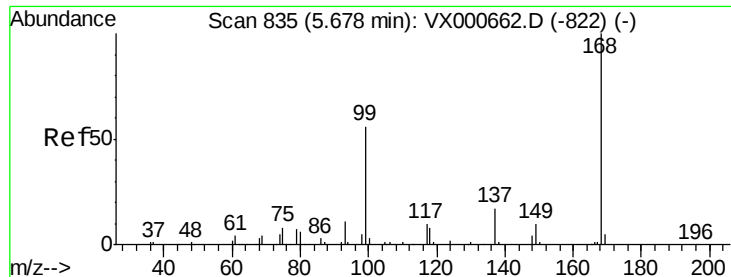
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000670.D

Acq: 04 Apr 2018 21:17

Instrument :

MSVOA_X

ClientSampleId :

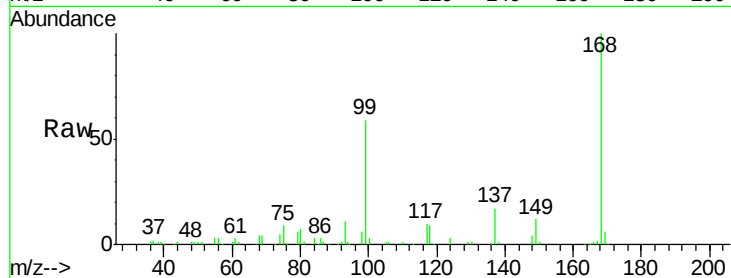
DRUM-1-3-4-5-6

Tgt Ion:168 Resp: 85204

Ion Ratio Lower Upper

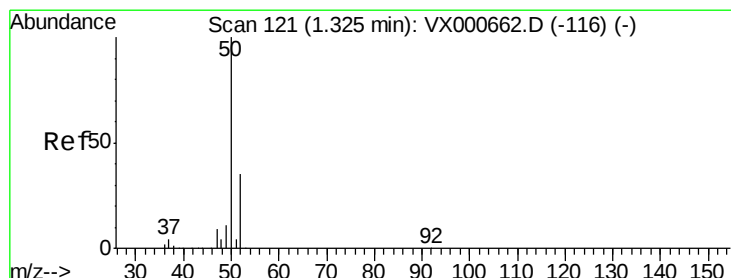
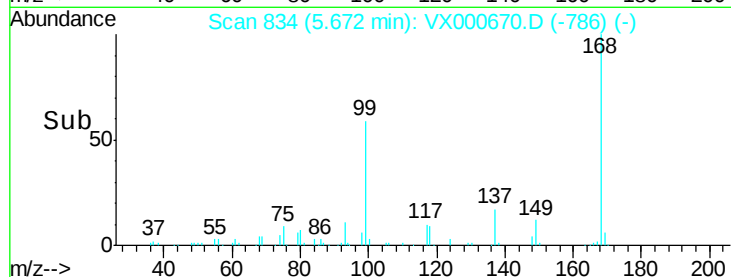
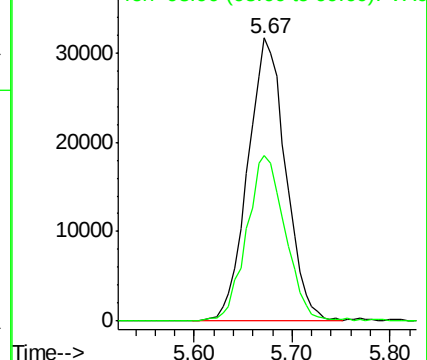
168 100

99 58.6 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.23 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000670.D

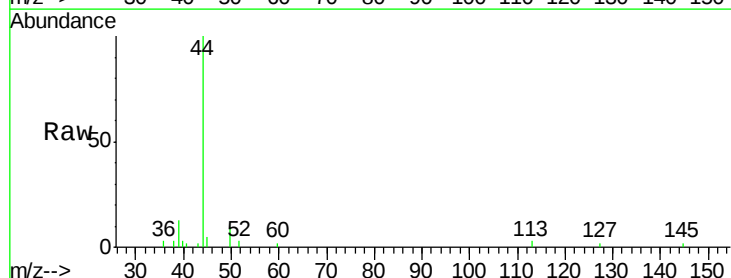
Acq: 04 Apr 2018 21:17

Tgt Ion: 50 Resp: 226

Ion Ratio Lower Upper

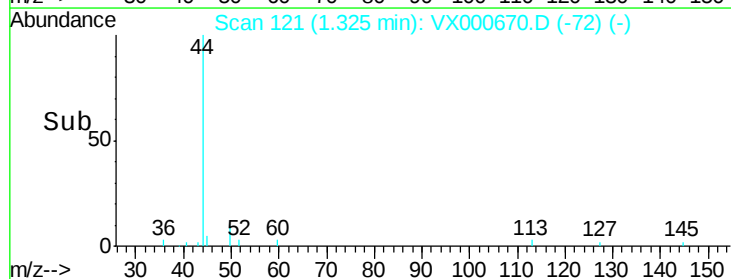
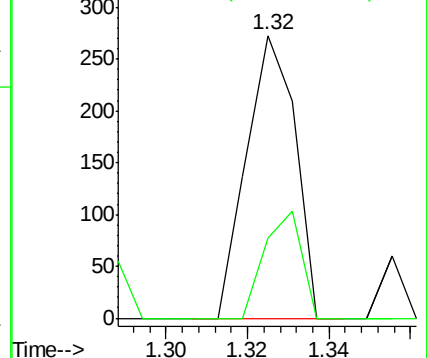
50 100

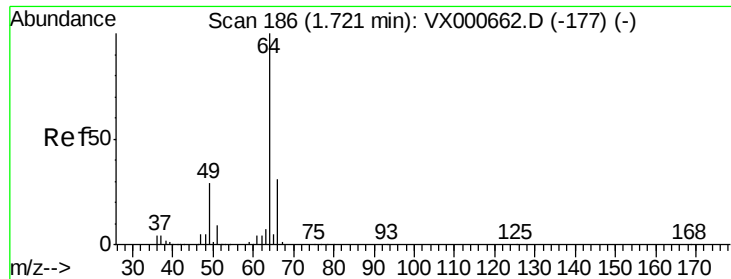
52 28.2 28.0 42.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#6

Chloroethane

Concen: 0.24 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000670.D

Acq: 04 Apr 2018 21:17

Instrument :

MSVOA_X

ClientSampleId :

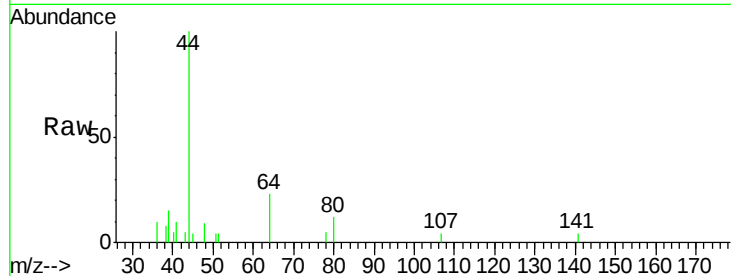
DRUM-1-3-4-5-6

Tgt Ion: 64 Resp: 229

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

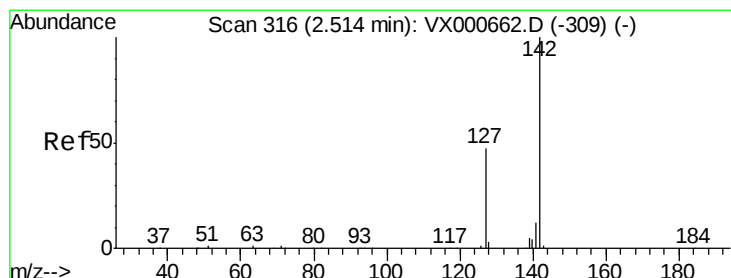
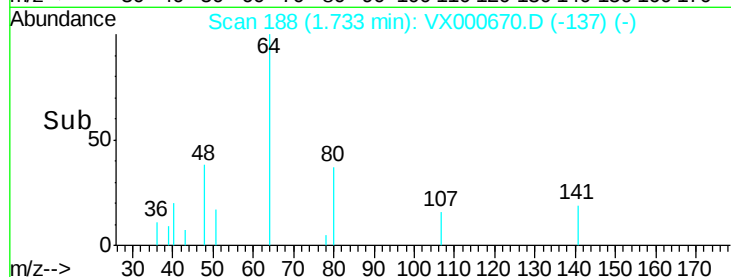
300

200

100

0

Time--> 1.70 1.72 1.74



#10

Methyl Iodide

Concen: 9.46 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX000670.D

Acq: 04 Apr 2018 21:17

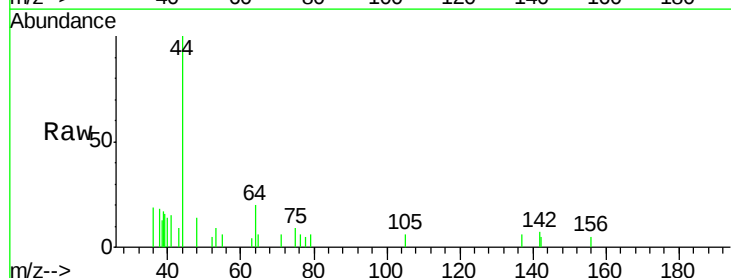
Tgt Ion: 142 Resp: 133

Ion Ratio Lower Upper

142 100

127 0.0 40.7 61.1#

141 0.0 11.1 16.7#



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

200

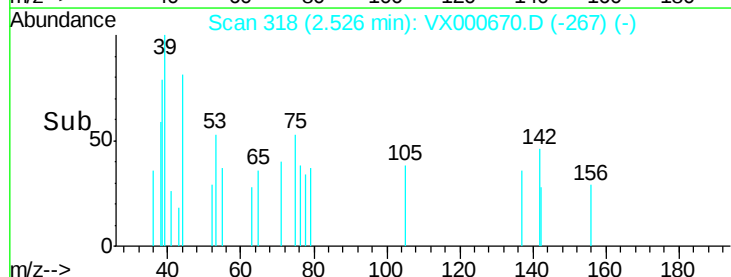
150

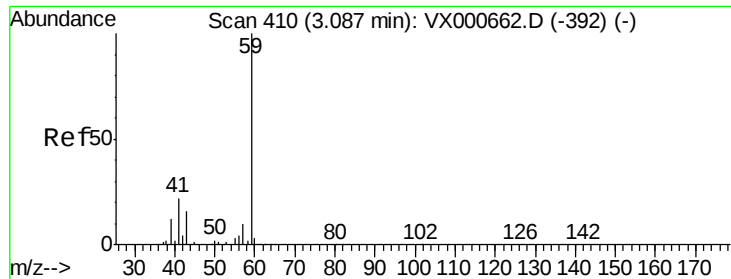
100

50

0

Time--> 2.50 2.52 2.54



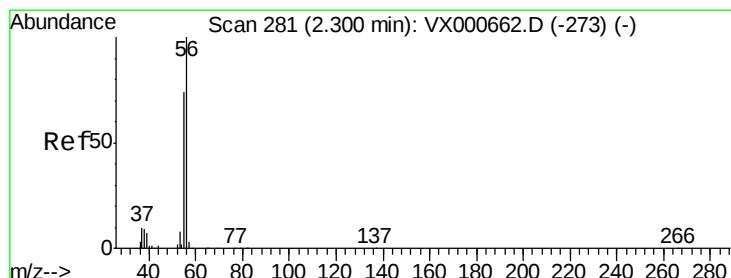
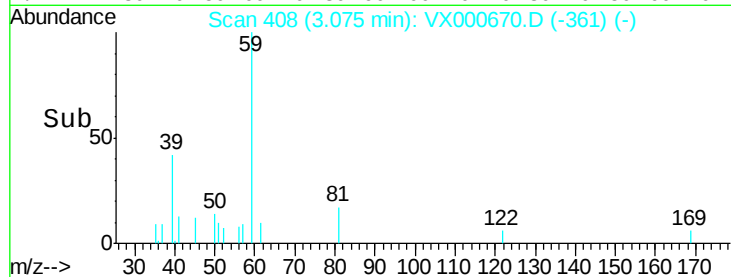
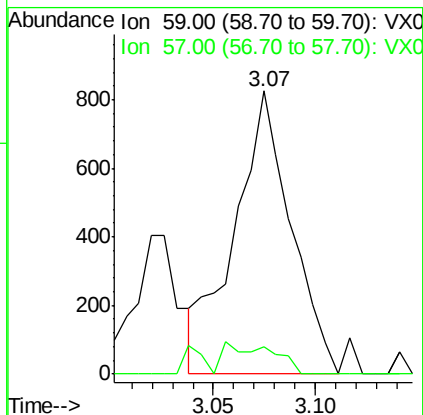
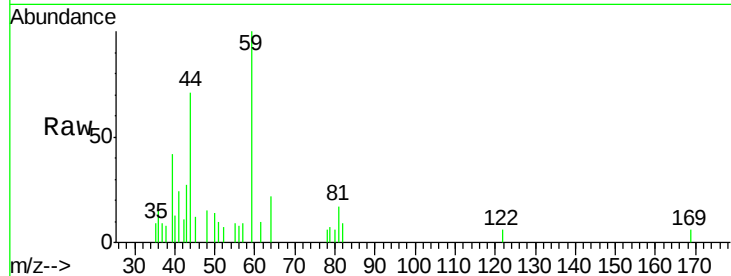


#11

Tert butyl alcohol
 Concen: 2.84 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX000670.D
 Acq: 04 Apr 2018 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-1-3-4-5-6

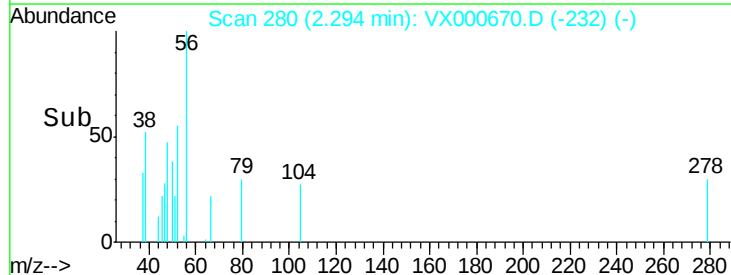
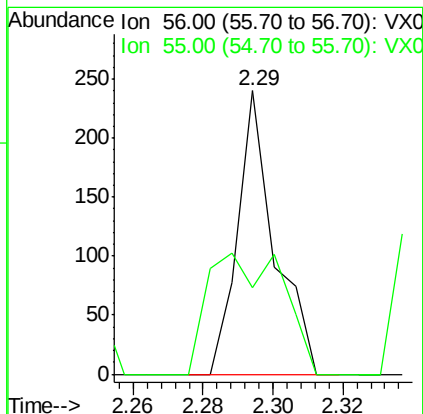
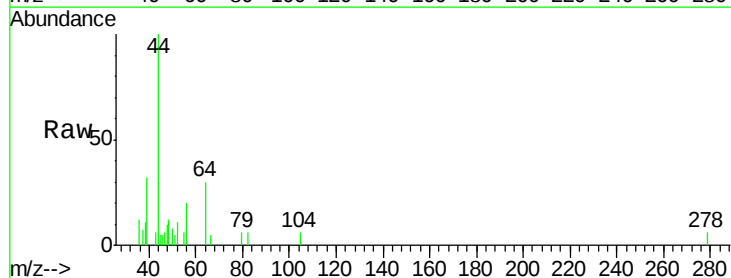
Tgt Ion: 59 Resp: 1594
 Ion Ratio Lower Upper
 59 100
 57 5.1 8.5 12.7#

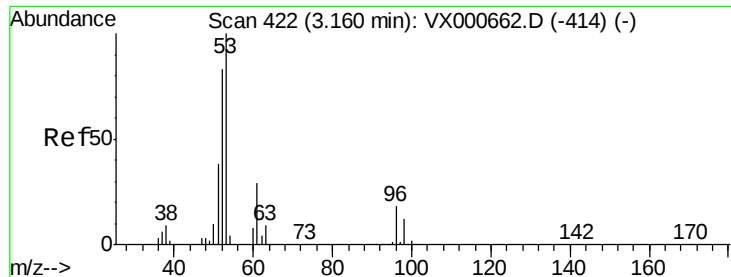


#13

Acrolein
 Concen: 0.53 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. -0.01 min
 Lab File: VX000670.D
 Acq: 04 Apr 2018 21:17

Tgt Ion: 56 Resp: 177
 Ion Ratio Lower Upper
 56 100
 55 86.4 58.1 87.1





#15

Acrylonitrile

Concen: 0.24 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000670.D

Acq: 04 Apr 2018 21:17

Instrument :

MSVOA_X

ClientSampled :

DRUM-1-3-4-5-6

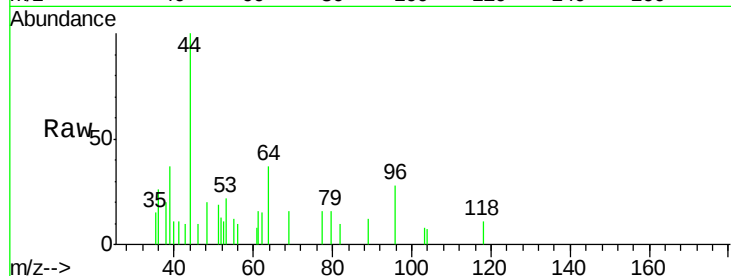
Tgt Ion: 53 Resp: 248

Ion Ratio Lower Upper

53 100

52 83.9 66.5 99.7

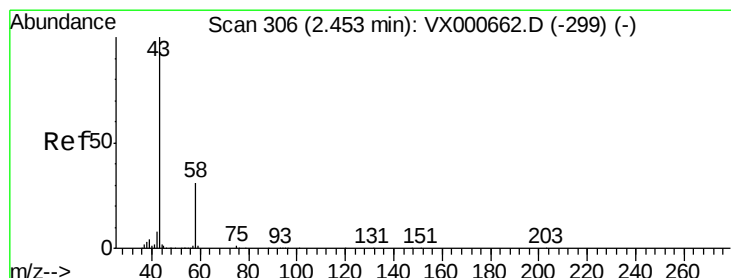
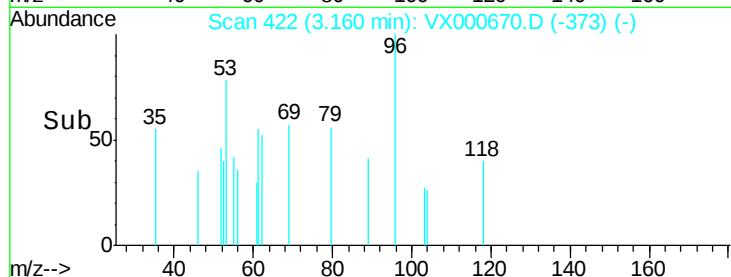
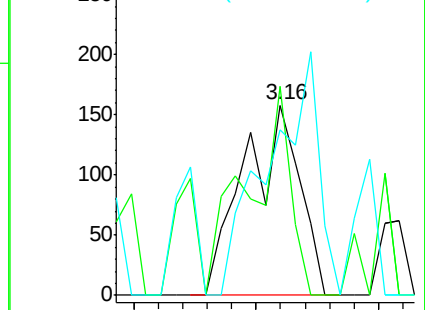
51 115.7 30.6 46.0#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 10.12 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000670.D

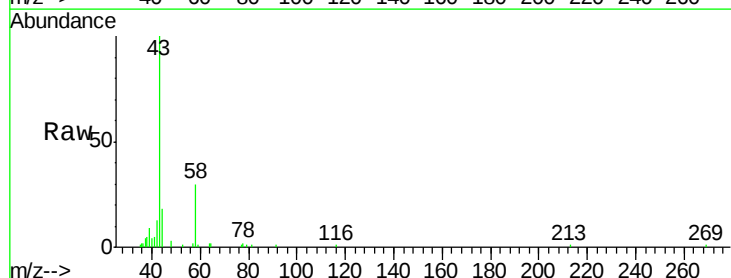
Acq: 04 Apr 2018 21:17

Tgt Ion: 43 Resp: 12055

Ion Ratio Lower Upper

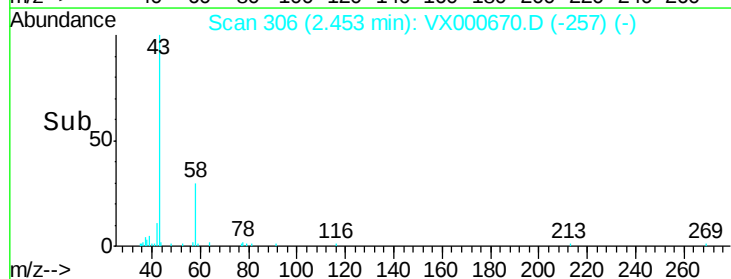
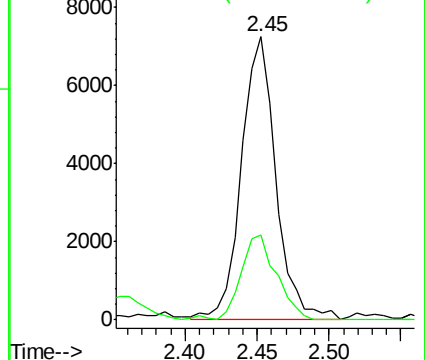
43 100

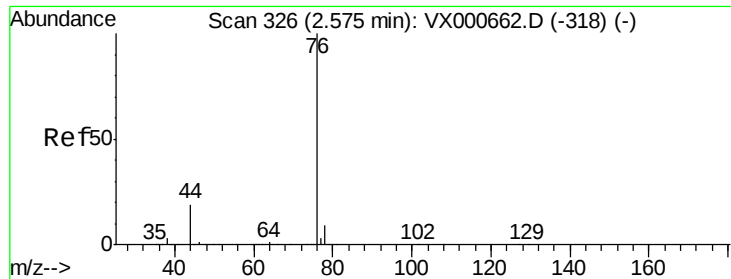
58 29.8 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

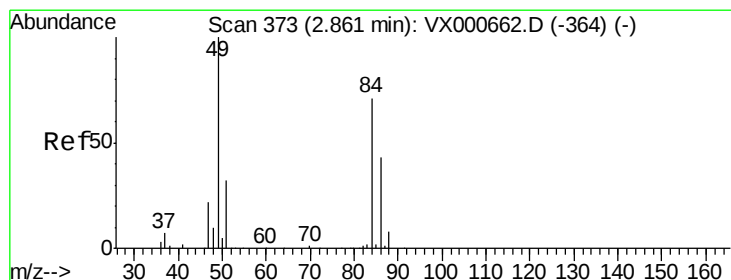
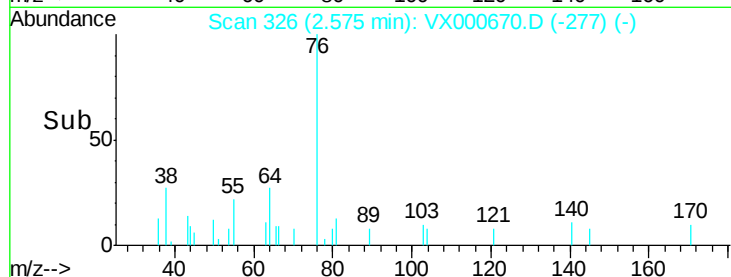
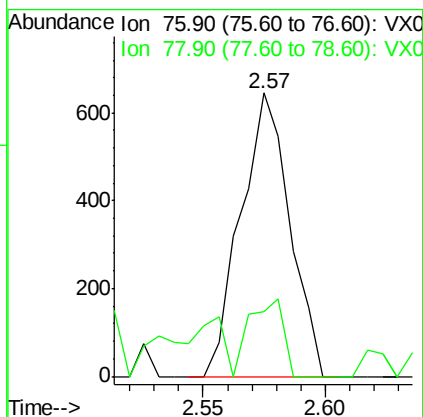
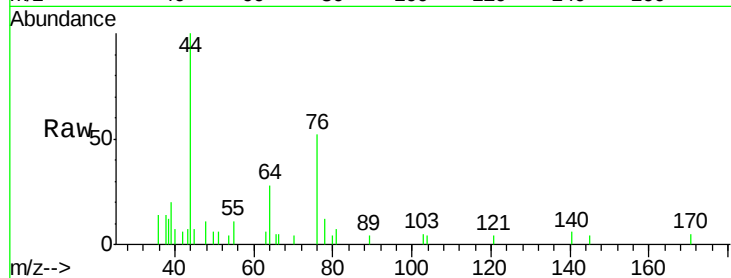




#17
Carbon Disulfide
Concen: 0.33 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000670.D
Acq: 04 Apr 2018 21:17

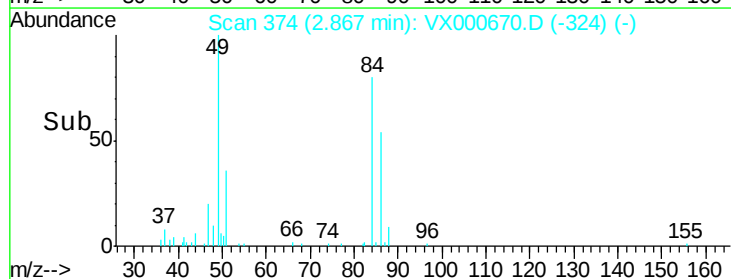
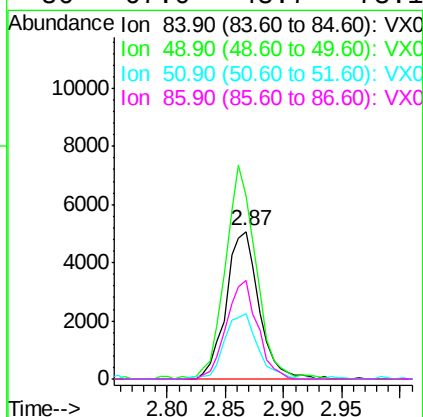
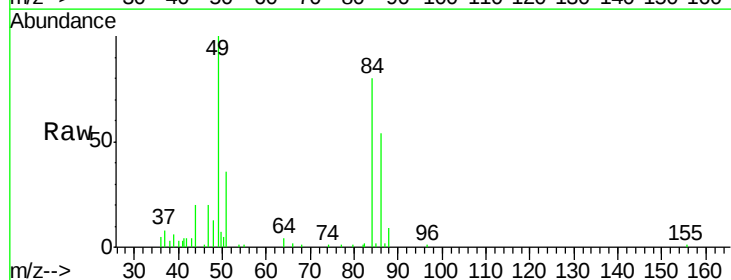
Instrument :
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ClientSampleId :
DRUM-1-3-4-5-6

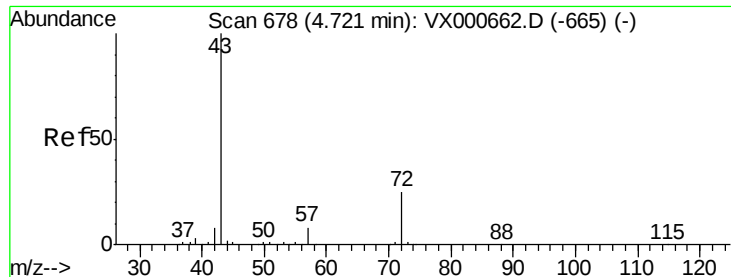
Tgt Ion: 76 Resp: 899
Ion Ratio Lower Upper
76 100
78 22.8 7.0 10.6#



#20
Methylene Chloride
Concen: 7.35 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000670.D
Acq: 04 Apr 2018 21:17

Tgt Ion: 84 Resp: 9977
Ion Ratio Lower Upper
84 100
49 124.5 112.1 168.1
51 43.4 35.4 53.0
86 67.0 48.7 73.1





#25

2-Butanone

Concen: 1.81 ug/l

RT: 4.73 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX000670.D

Acq: 04 Apr 2018 21:17

Instrument :

MSVOA_X

ClientSampleId :

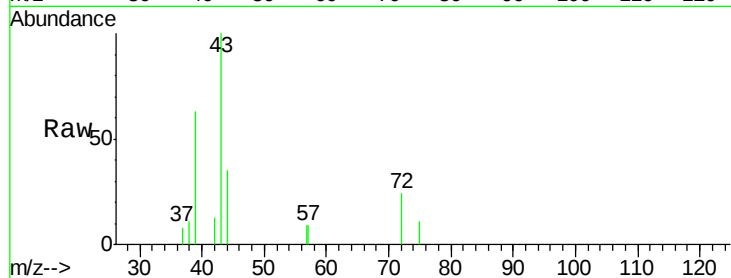
DRUM-1-3-4-5-6

Tgt Ion: 43 Resp: 2185

Ion Ratio Lower Upper

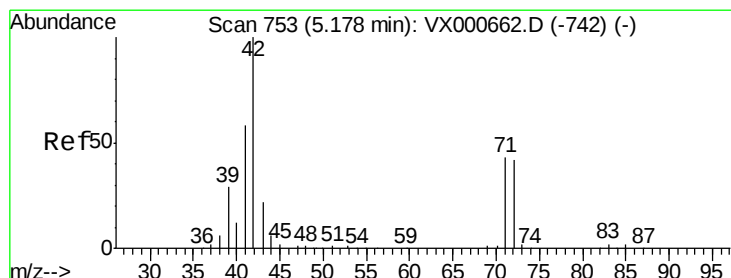
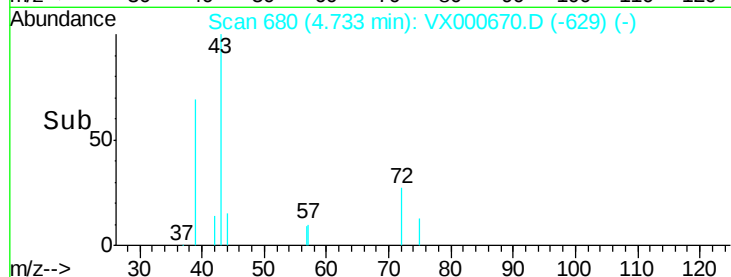
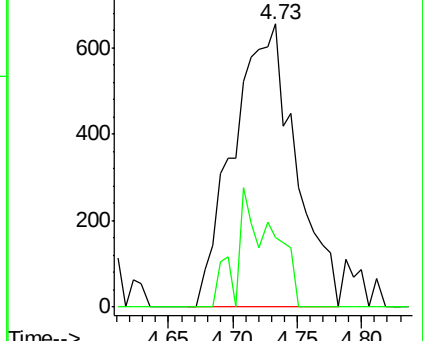
43 100

72 24.5 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 0.25 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.00 min

Lab File: VX000670.D

Acq: 04 Apr 2018 21:17

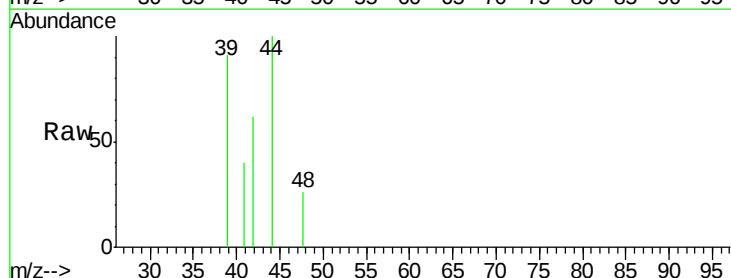
Tgt Ion: 42 Resp: 196

Ion Ratio Lower Upper

42 100

72 0.0 34.5 51.7#

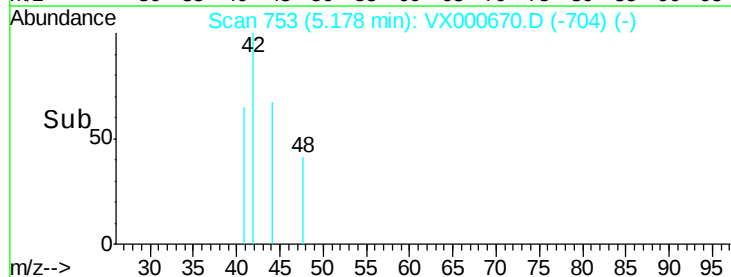
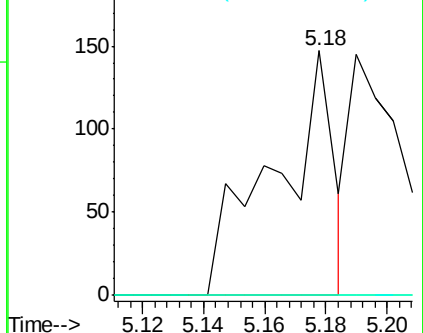
71 0.0 32.2 48.2#

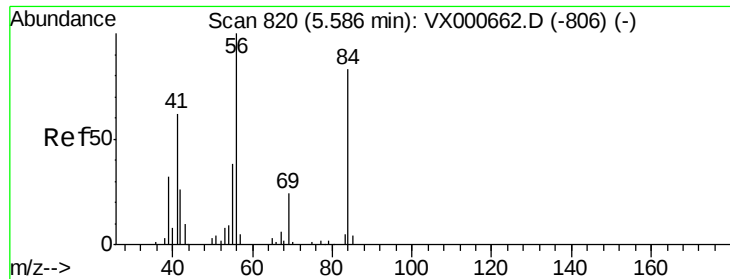


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

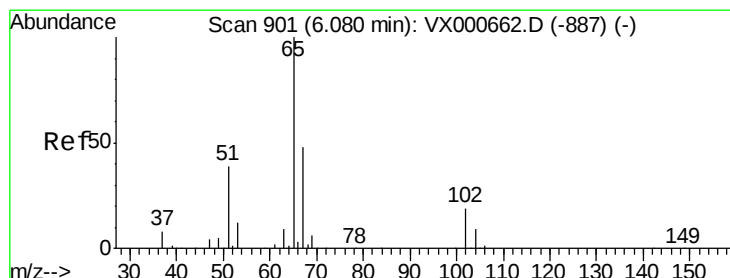
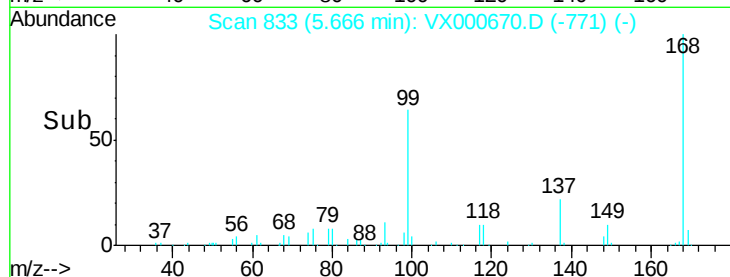
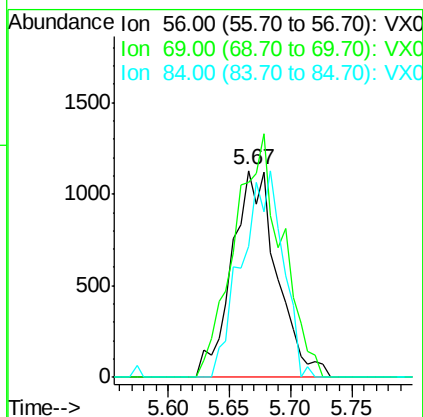
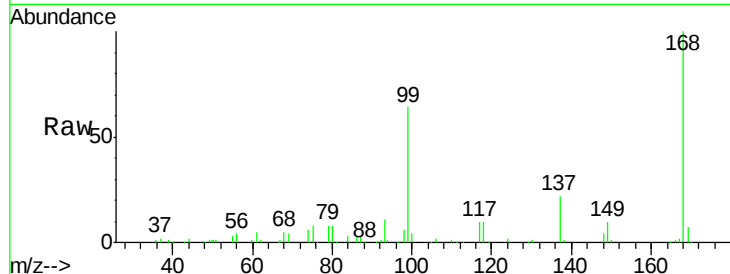




#31
Cyclohexane
Concen: 2.02 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.08 min
Lab File: VX000670.D
Acq: 04 Apr 2018 21:17

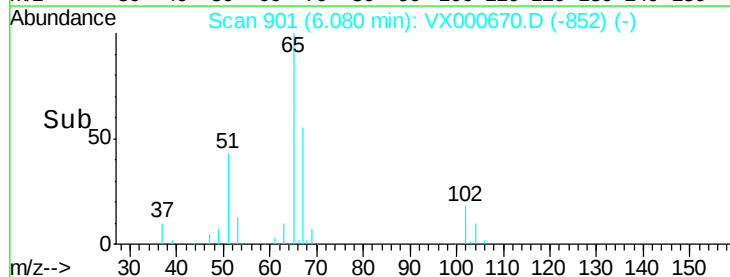
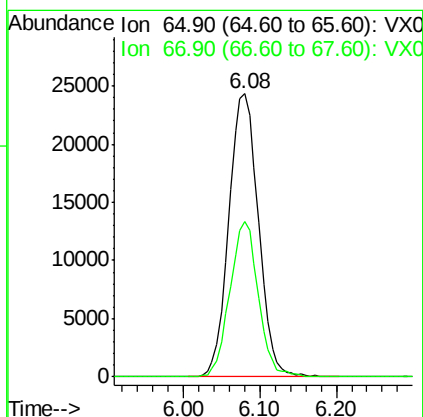
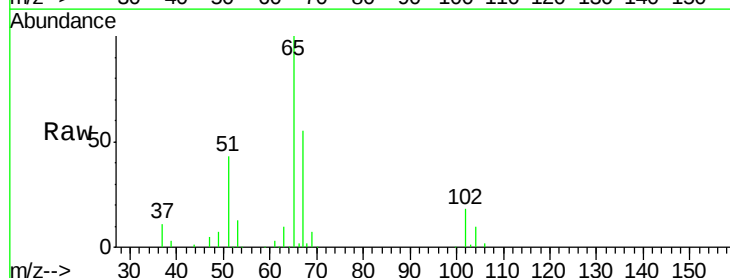
Instrument :
MSVOA_X
ClientSampleId :
DRUM-1-3-4-5-6

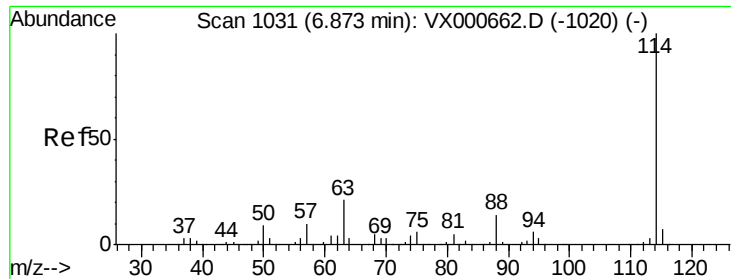
Tgt Ion: 56 Resp: 2885
Ion Ratio Lower Upper
56 100
69 94.2 19.4 29.0#
84 63.0 66.8 100.2#



#33
1,2-Dichloroethane-d4
Concen: 45.01 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000670.D
Acq: 04 Apr 2018 21:17

Tgt Ion: 65 Resp: 65158
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000670.D

Acq: 04 Apr 2018 21:17

Instrument :

MSVOA_X

ClientSampleId :

DRUM-1-3-4-5-6

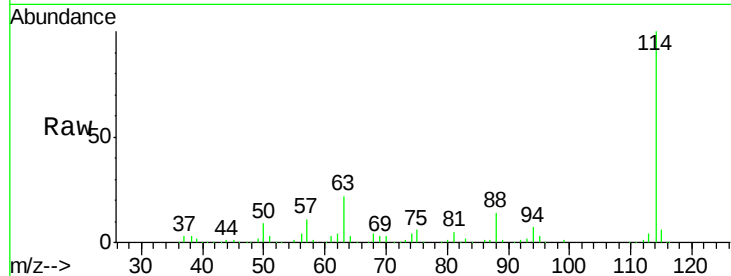
Tgt Ion:114 Resp: 150969

Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.6

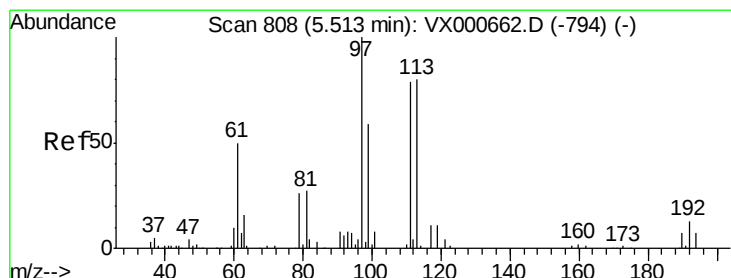
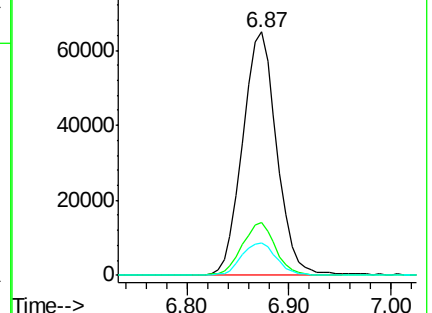
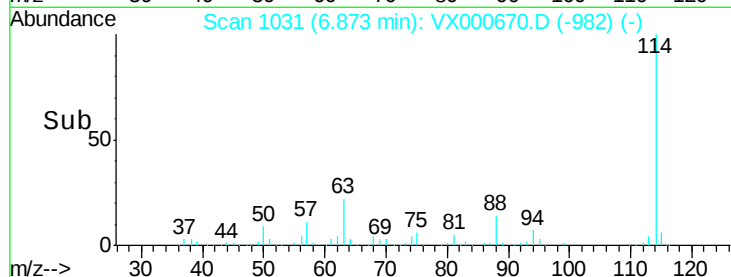
88 13.6 0.0 28.6



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: 45.41 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000670.D

Acq: 04 Apr 2018 21:17

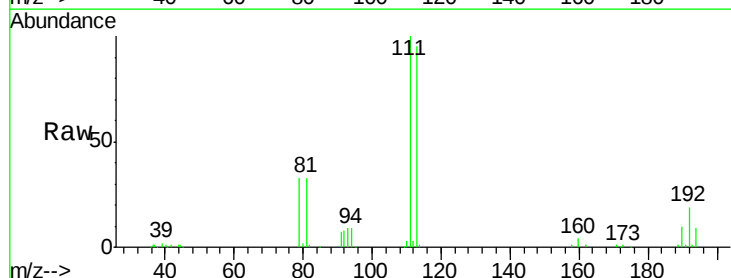
Tgt Ion:113 Resp: 46797

Ion Ratio Lower Upper

113 100

111 104.2 82.0 123.0

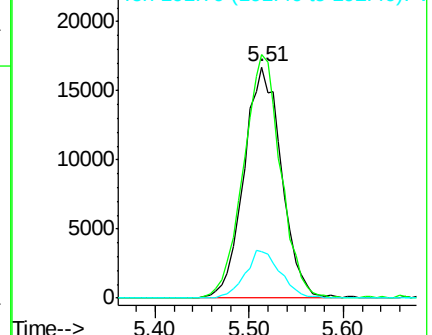
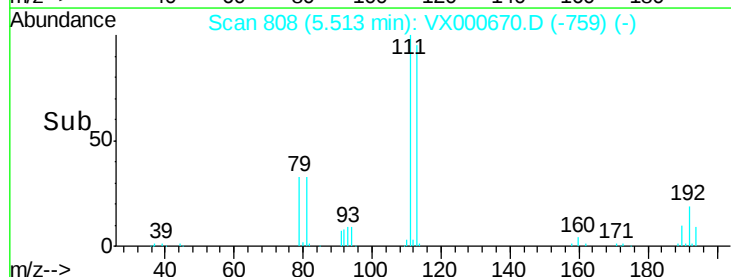
192 19.1 14.3 21.5

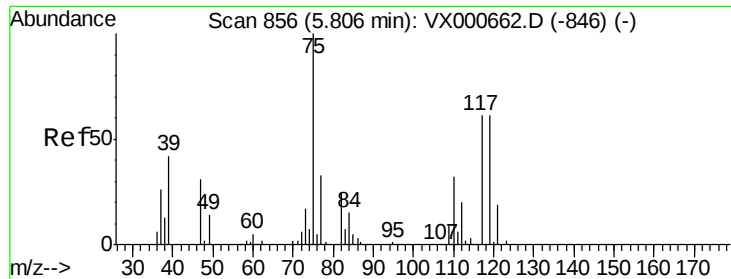


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

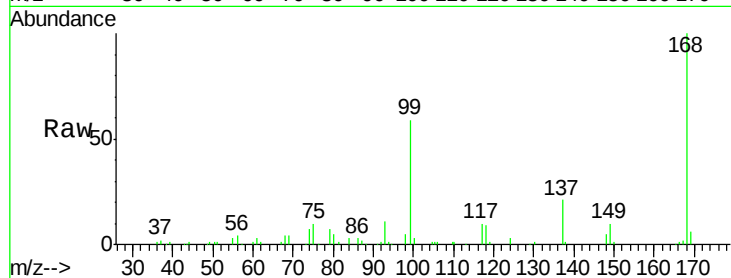




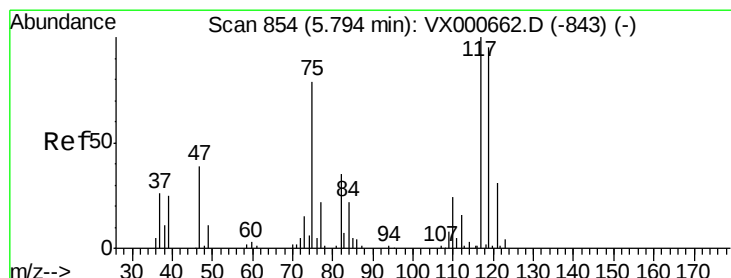
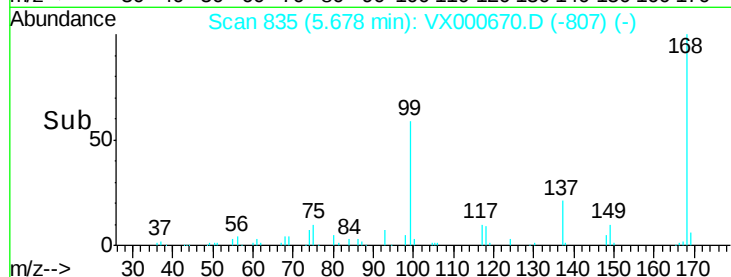
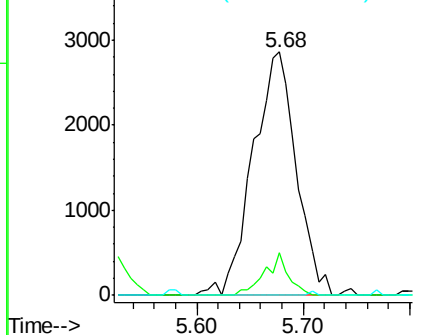
#36
 1,1-Dichloropropene
 Concen: 5.79 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.13 min
 Lab File: VX000670.D
 Acq: 04 Apr 2018 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-1-3-4-5-6

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	16.3	48.9#
77	0.0	24.3	36.5#

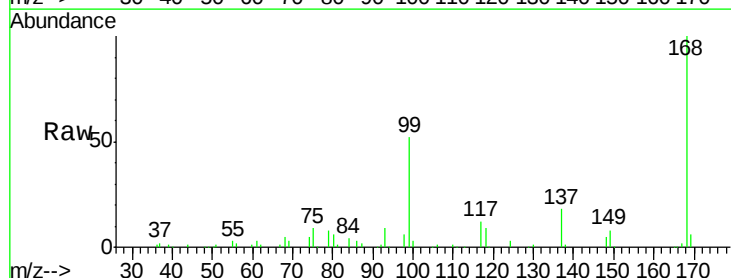


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

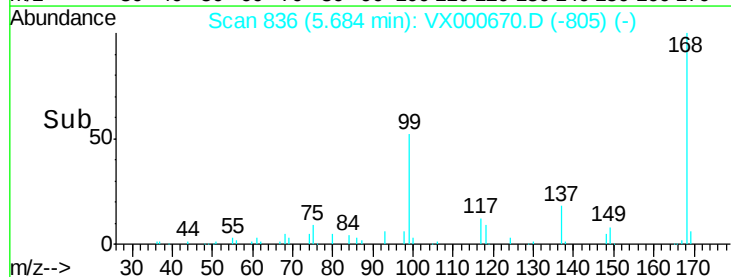
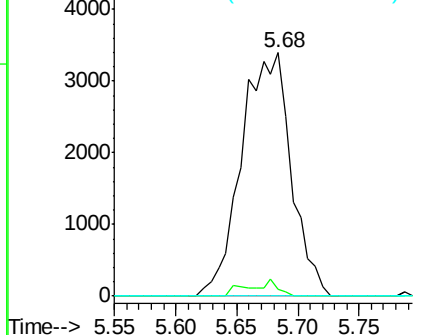


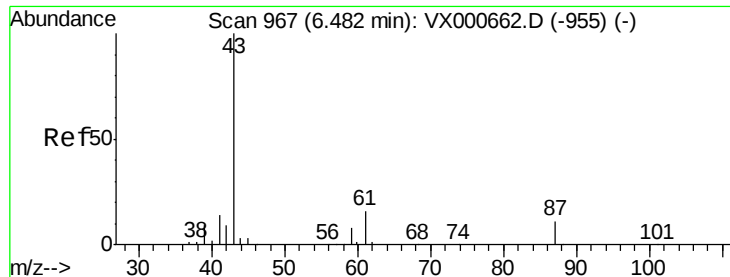
#38
 Carbon Tetrachloride
 Concen: 7.08 ug/l
 RT: 5.68 min Scan# 836
 Delta R.T. -0.11 min
 Lab File: VX000670.D
 Acq: 04 Apr 2018 21:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.0	76.1	114.1#
121	0.0	24.8	37.2#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 0.45 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX000670.D

Acq: 04 Apr 2018 21:17

Instrument :

MSVOA_X

ClientSampleId :

DRUM-1-3-4-5-6

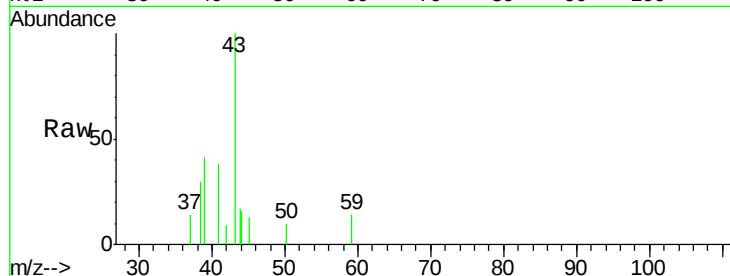
Tgt Ion: 43 Resp: 1392

Ion Ratio Lower Upper

43 100

61 5.5 13.4 20.2#

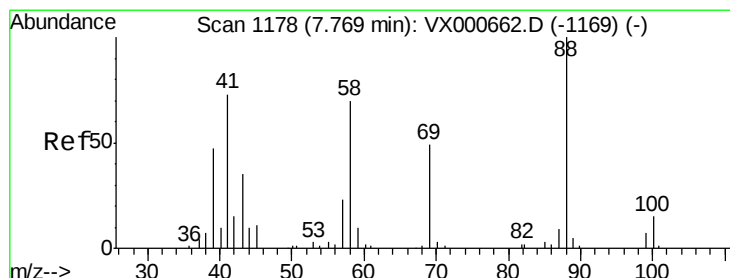
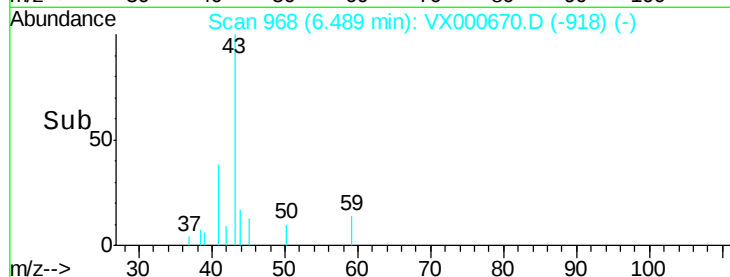
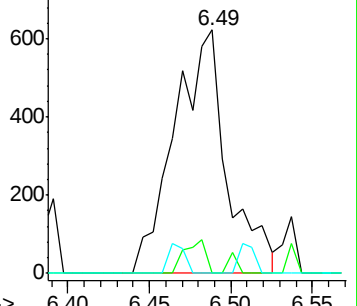
87 0.0 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#49

1,4-Dioxane

Concen: 0.69 ug/l

RT: 8.01 min Scan# 1217

Delta R.T. 0.24 min

Lab File: VX000670.D

Acq: 04 Apr 2018 21:17

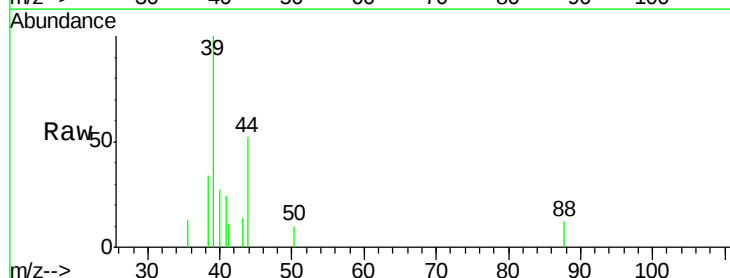
Tgt Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

43 0.0 29.4 44.0#

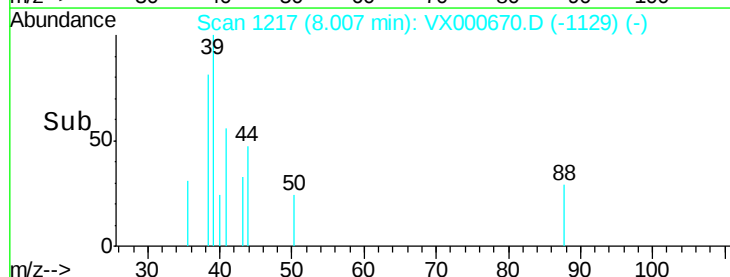
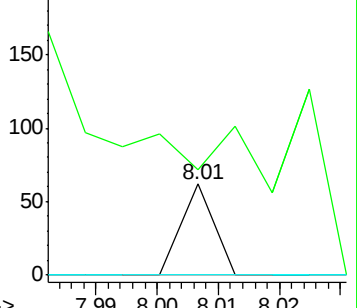
58 0.0 53.4 80.0#

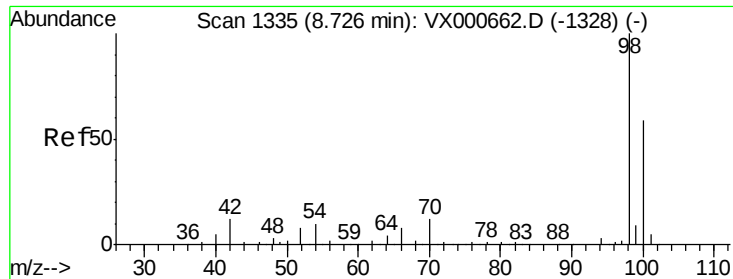


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

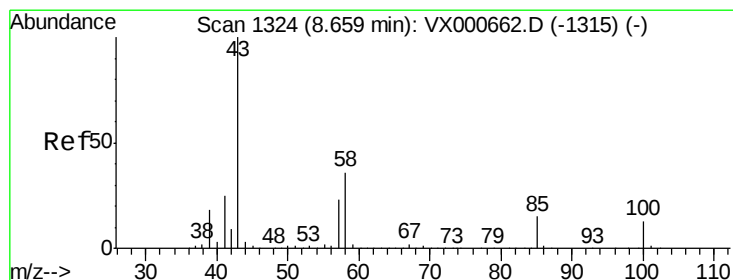
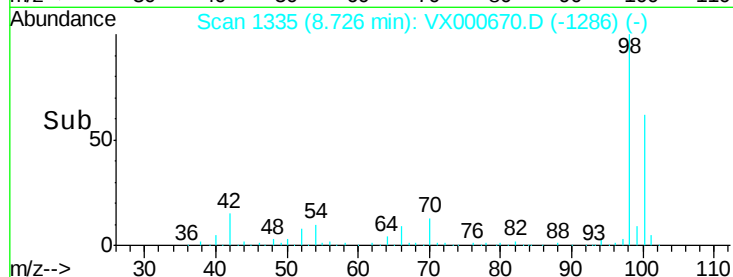
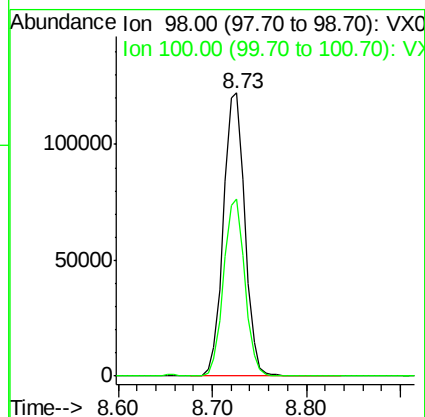
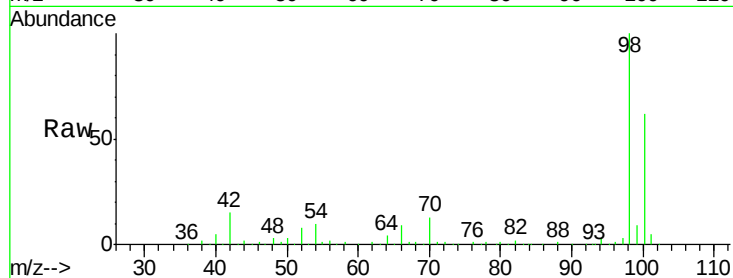




#50
Toluene-d8
Concen: 43.96 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000670.D
Acq: 04 Apr 2018 21:17

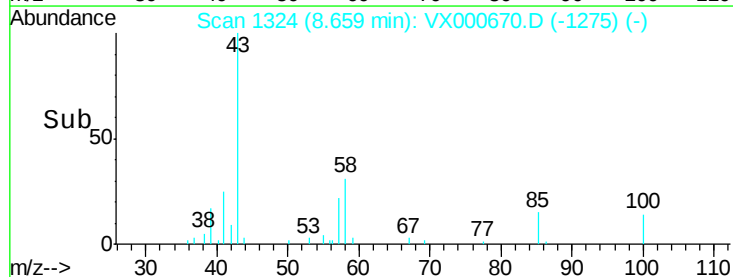
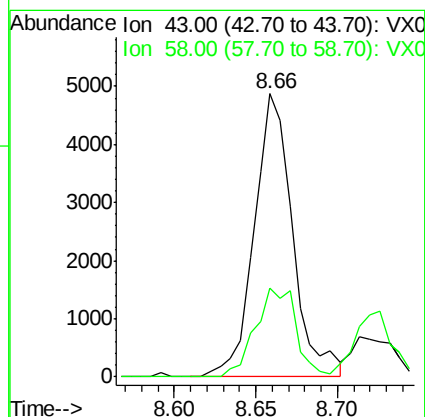
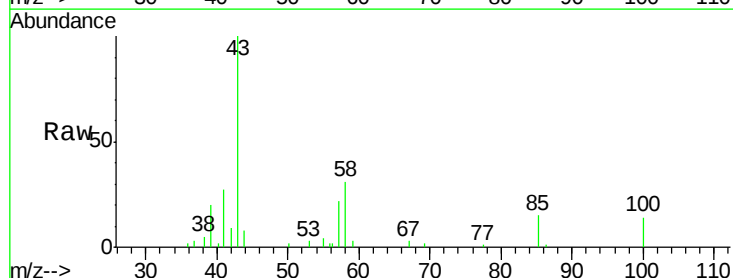
Instrument :
MSVOA_X
ClientSampleId :
DRUM-1-3-4-5-6

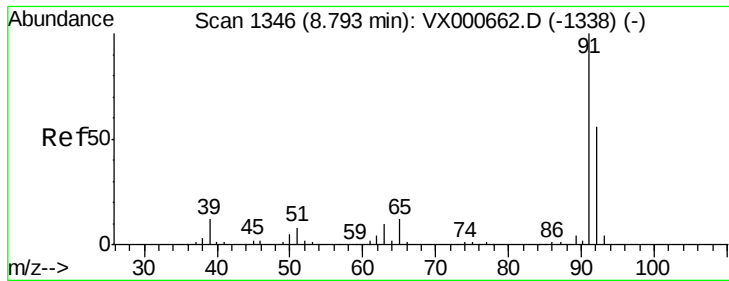
Tgt Ion: 98 Resp: 192654
Ion Ratio Lower Upper
98 100
100 62.0 51.0 76.6



#51
4-Methyl-2-Pentanone
Concen: 3.18 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX000670.D
Acq: 04 Apr 2018 21:17

Tgt Ion: 43 Resp: 8002
Ion Ratio Lower Upper
43 100
58 33.2 28.2 42.2





#52

Toluene

Concen: 0.50 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000670.D

Acq: 04 Apr 2018 21:17

Instrument :

MSVOA_X

ClientSampleId :

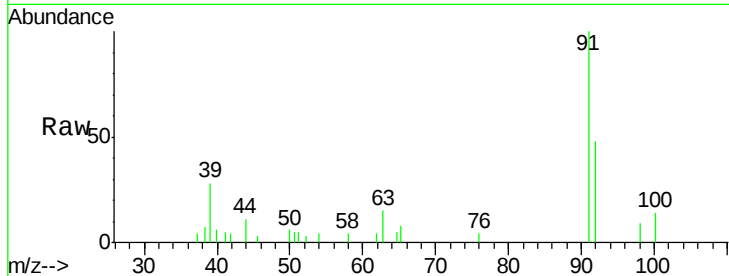
DRUM-1-3-4-5-6

Tgt Ion: 92 Resp: 1427

Ion Ratio Lower Upper

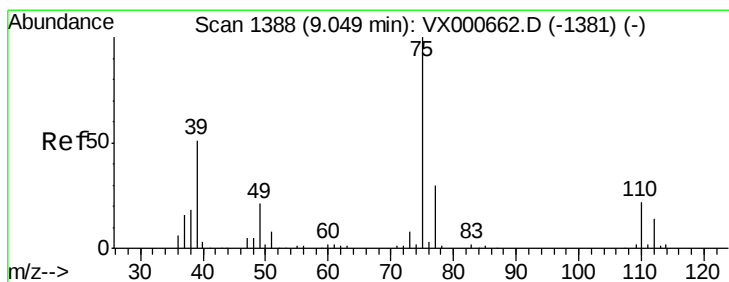
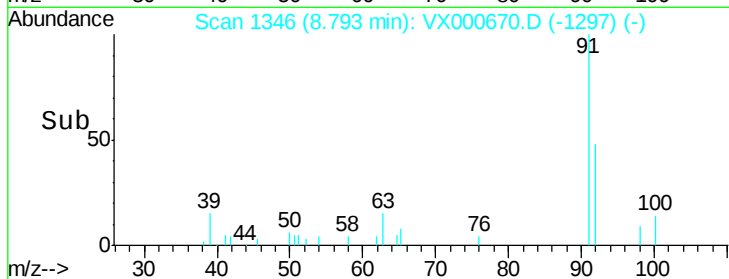
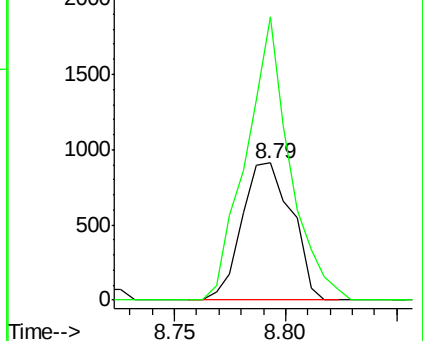
92 100

91 181.3 141.7 212.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 4.20 ug/l

RT: 9.06 min Scan# 1389

Delta R.T. 0.01 min

Lab File: VX000670.D

Acq: 04 Apr 2018 21:17

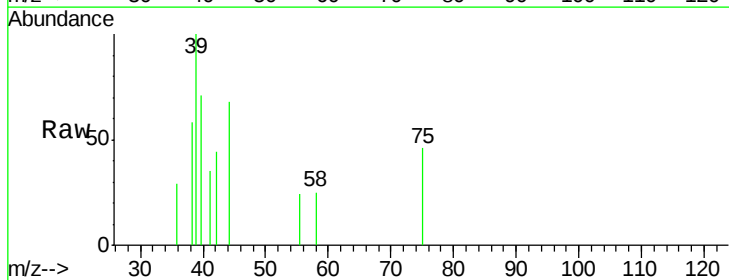
Tgt Ion: 75 Resp: 64

Ion Ratio Lower Upper

75 100

77 0.0 24.1 36.1#

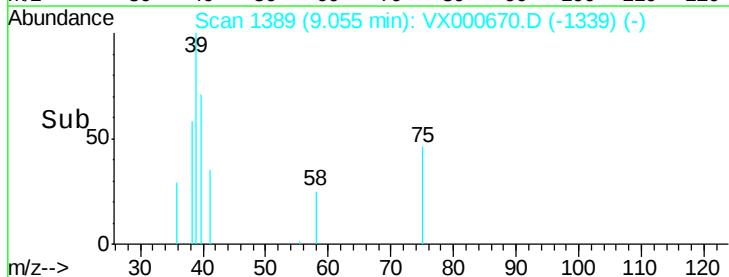
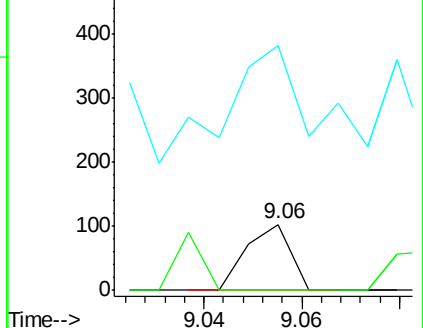
39 108.8 40.7 61.1#

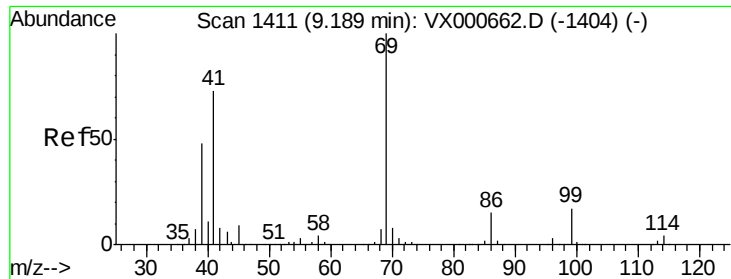


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#56

Ethyl methacrylate

Concen: 4.71 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX000670.D

Acq: 04 Apr 2018 21:17

Instrument :

MSVOA_X

ClientSampleId :

DRUM-1-3-4-5-6

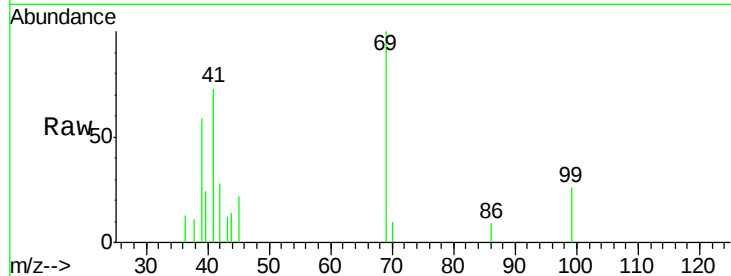
Tgt Ion: 69 Resp: 912

Ion Ratio Lower Upper

69 100

41 78.9 56.5 84.7

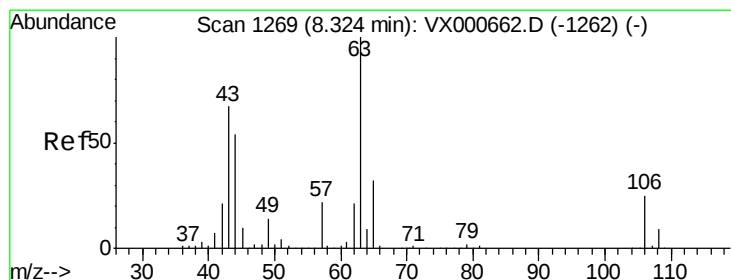
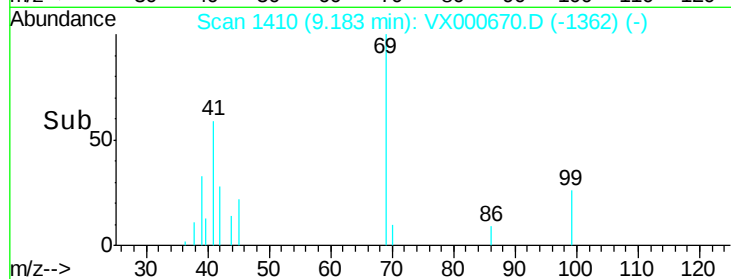
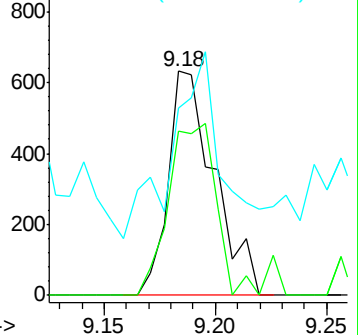
39 87.0 39.8 59.8#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 15.60 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000670.D

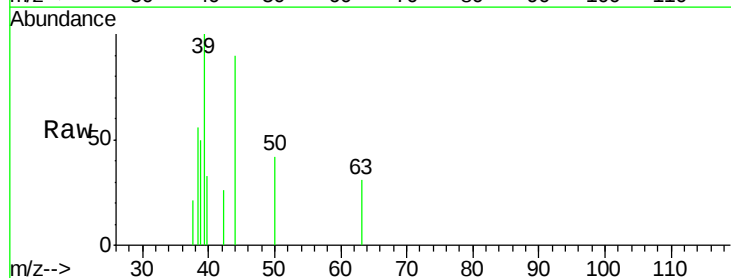
Acq: 04 Apr 2018 21:17

Tgt Ion: 63 Resp: 54

Ion Ratio Lower Upper

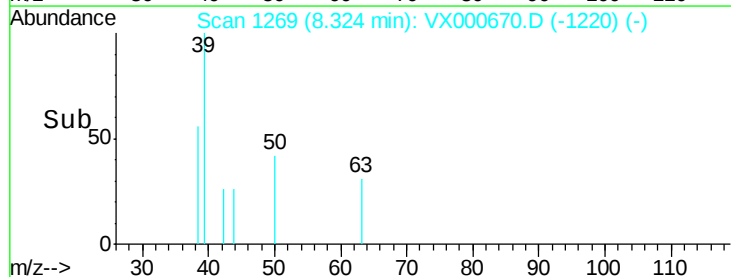
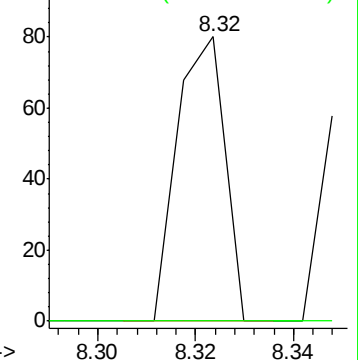
63 100

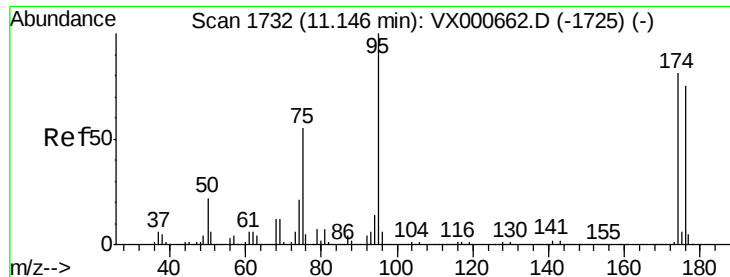
106 0.0 20.5 30.7#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





#62

4-Bromofluorobenzene

Concen: 38.05 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000670.D

Acq: 04 Apr 2018 21:17

Instrument :

MSVOA_X

ClientSampleId :

DRUM-1-3-4-5-6

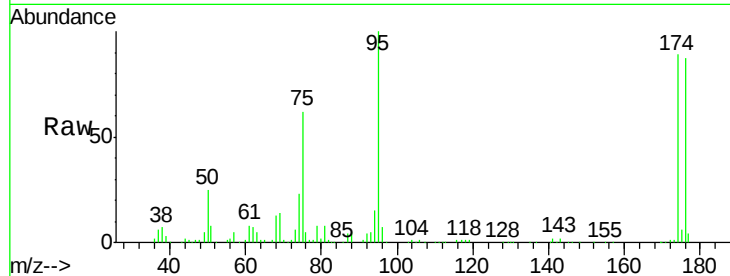
Tgt Ion: 95 Resp: 65987

Ion Ratio Lower Upper

95 100

174 86.0 0.0 156.8

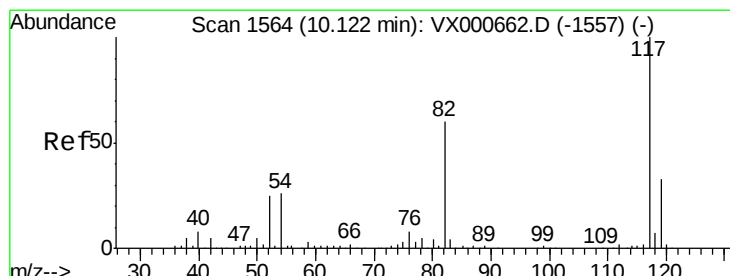
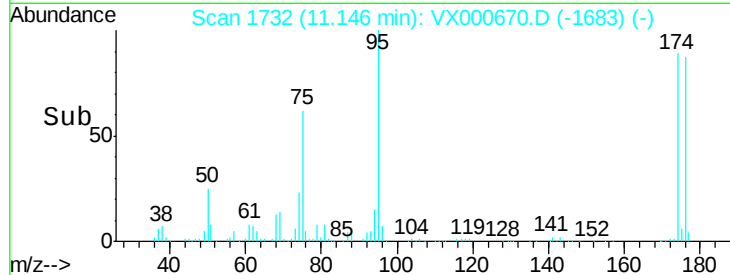
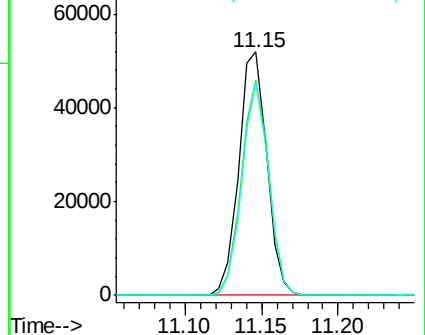
176 83.1 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VX000662.D (-1725) (-)

Ion 173.80 (173.50 to 174.50): VX000662.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX000662.D (-1725) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000670.D

Acq: 04 Apr 2018 21:17

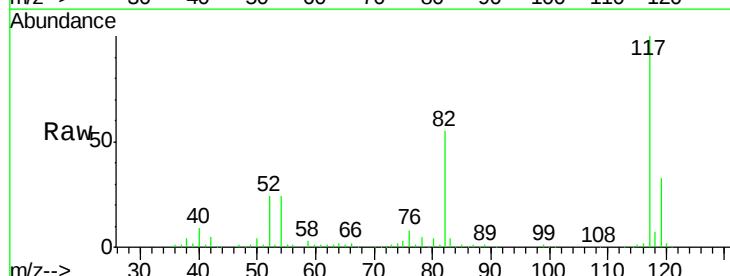
Tgt Ion: 117 Resp: 147705

Ion Ratio Lower Upper

117 100

82 55.0 48.3 72.5

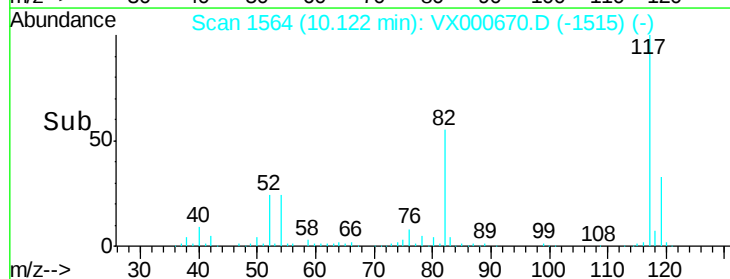
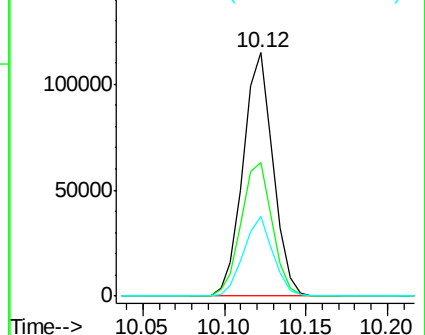
119 32.7 26.0 39.0

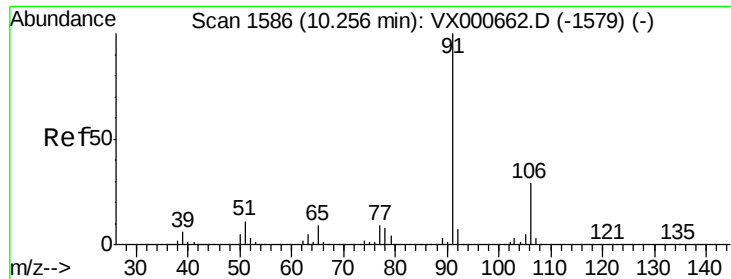


Abundance Ion 116.90 (116.60 to 117.60): VX000662.D (-1557) (-)

Ion 82.00 (81.70 to 82.70): VX000662.D (-1557) (-)

Ion 118.90 (118.60 to 119.60): VX000662.D (-1557) (-)





#67

Ethyl Benzene

Concen: 0.33 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.01 min

Lab File: VX000670.D

Acq: 04 Apr 2018 21:17

Instrument :

MSVOA_X

ClientSampleId :

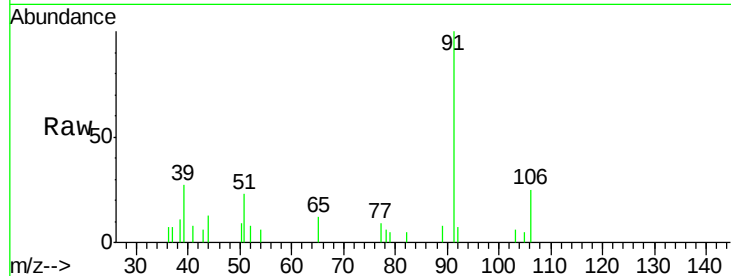
DRUM-1-3-4-5-6

Tgt Ion: 91 Resp: 1756

Ion Ratio Lower Upper

91 100

106 25.0 23.4 35.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

10.26

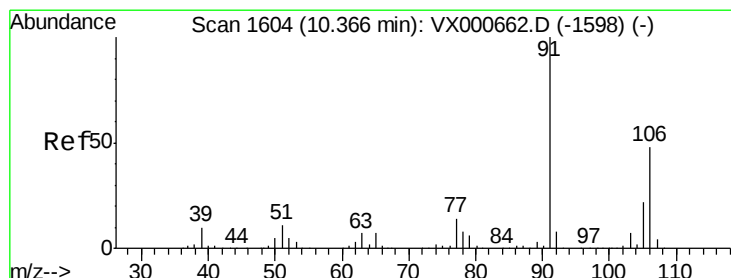
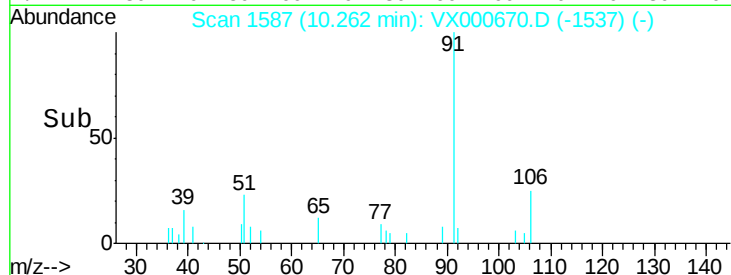
1500

1000

500

0

Time-->



#68

m/p-Xylenes

Concen: 0.81 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000670.D

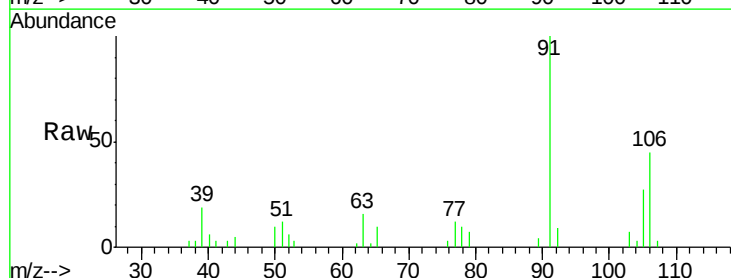
Acq: 04 Apr 2018 21:17

Tgt Ion: 106 Resp: 1616

Ion Ratio Lower Upper

106 100

91 241.2 167.0 250.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

10.37

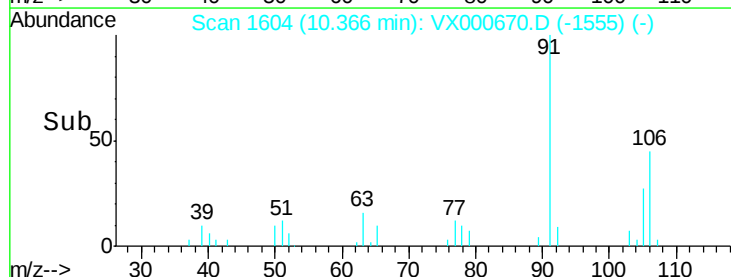
3000

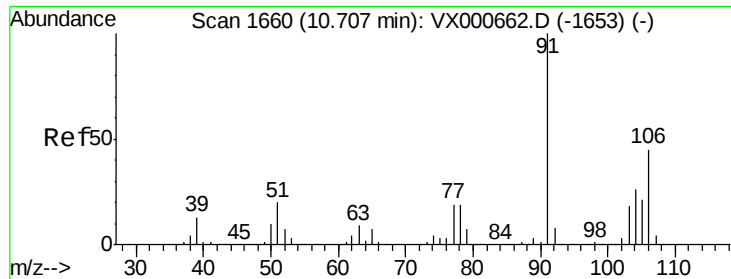
2000

1000

0

Time-->

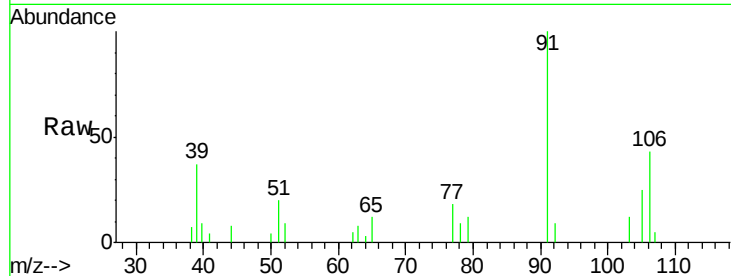




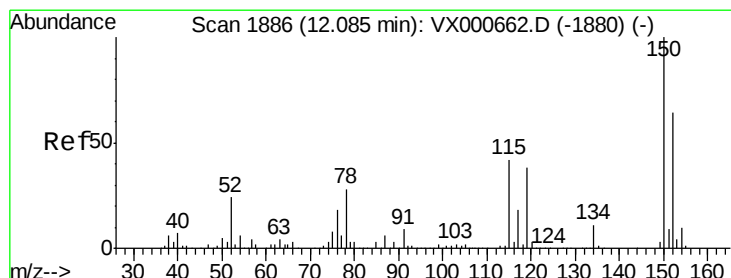
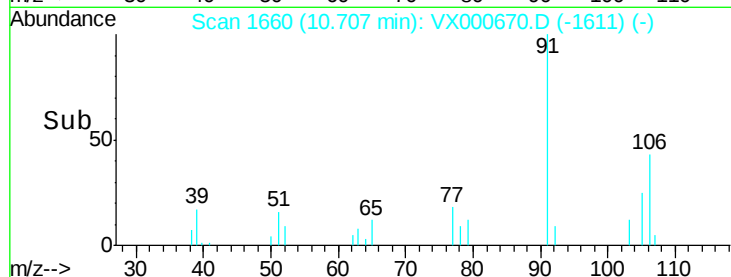
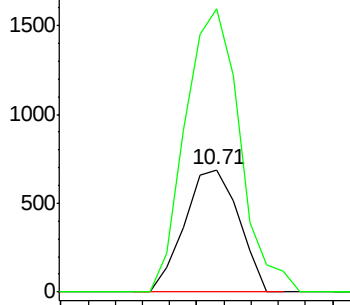
#69
o-Xylene
Concen: 0.48 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000670.D
Acq: 04 Apr 2018 21:17

Instrument :
MSVOA_X
ClientSampleId :
DRUM-1-3-4-5-6

Tgt Ion:106 Resp: 948
Ion Ratio Lower Upper
106 100
91 234.0 111.6 334.6

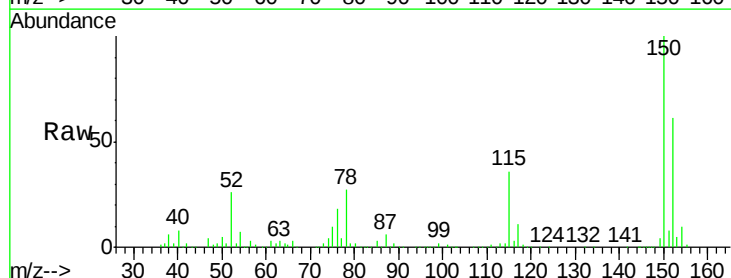


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

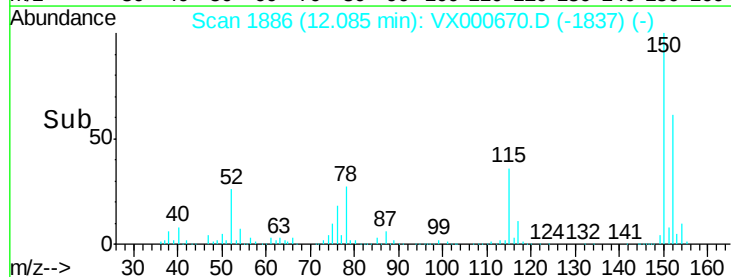
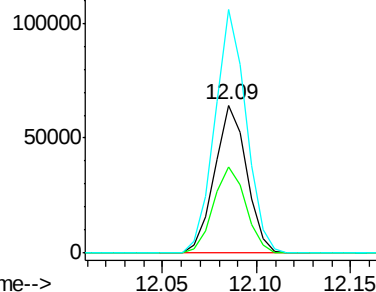


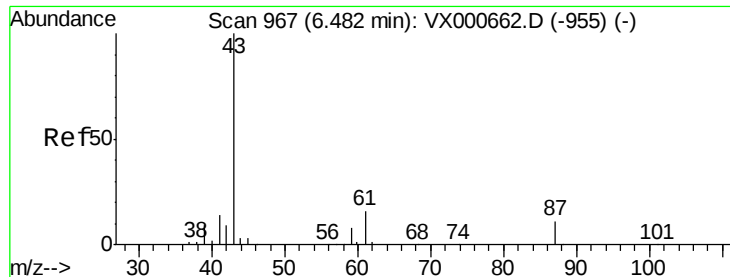
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000670.D
Acq: 04 Apr 2018 21:17

Tgt Ion:152 Resp: 76060
Ion Ratio Lower Upper
152 100
115 58.7 41.9 125.8
150 160.8 0.0 348.0



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





#74

N-amyI acetate

Concen: 0.56 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX000670.D

Acq: 04 Apr 2018 21:17

Instrument :

MSVOA_X

ClientSampleId :

DRUM-1-3-4-5-6

Tgt Ion: 43 Resp: 1392

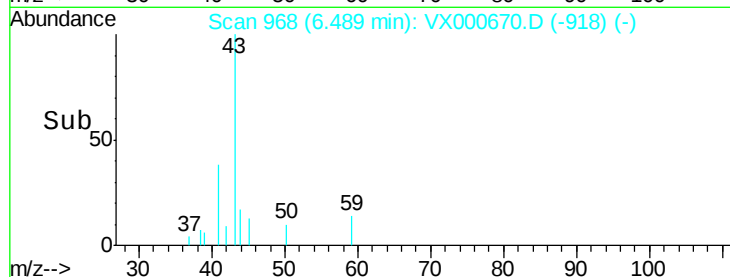
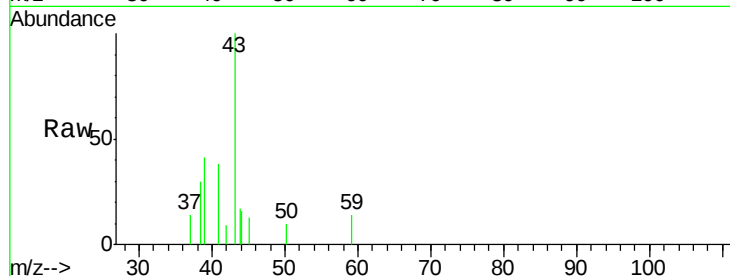
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 5.5 13.4 20.2#

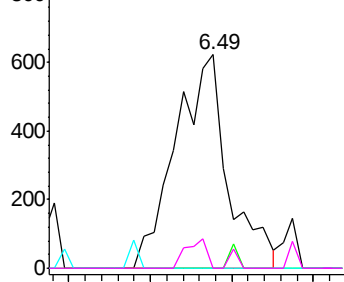


Abundance Ion 43.00 (42.70 to 43.70): VX0

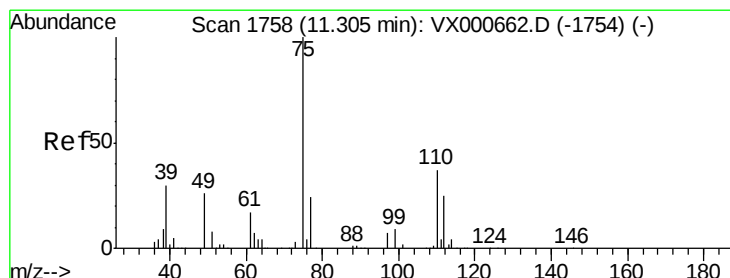
Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->



#76

1,2,3-Trichloropropane

Concen: 24.59 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000670.D

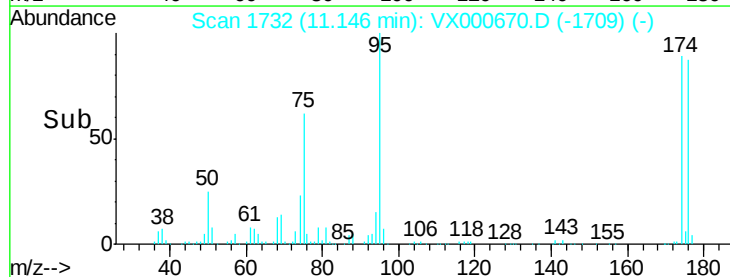
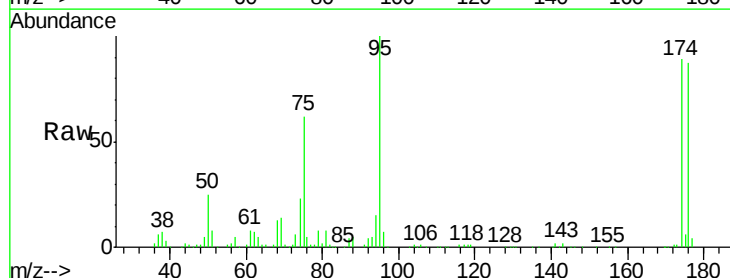
Acq: 04 Apr 2018 21:17

Tgt Ion: 75 Resp: 40788

Ion Ratio Lower Upper

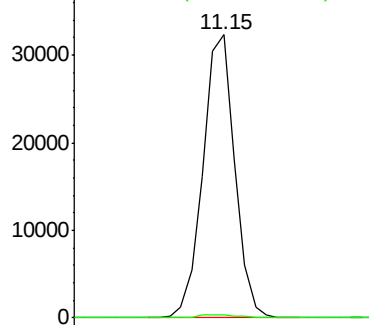
75 100

77 1.4 20.2 60.6#

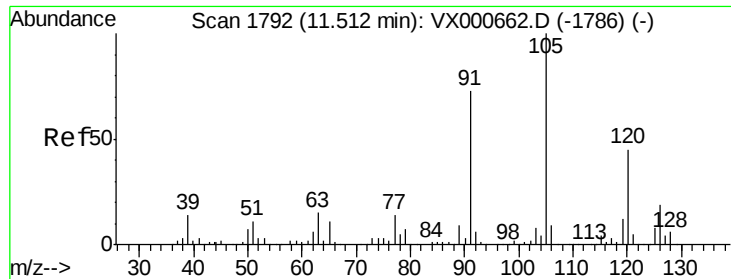


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



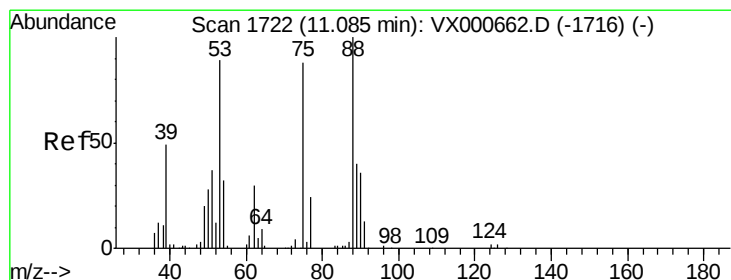
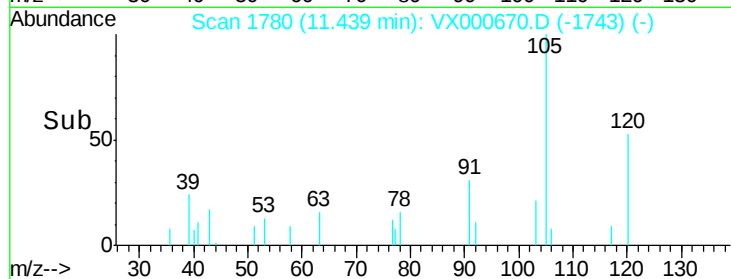
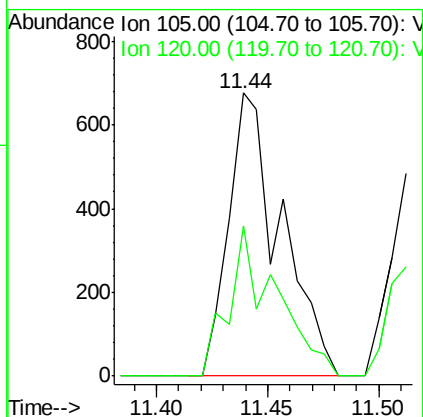
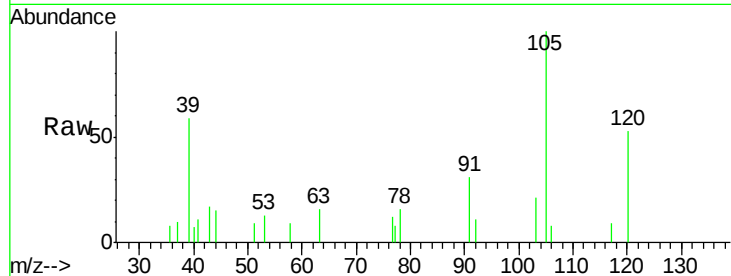
Time-->



#80
 1,3,5-Trimethylbenzene
 Concen: 0.28 ug/l
 RT: 11.44 min Scan# 1780
 Delta R.T. -0.07 min
 Lab File: VX000670.D
 Acq: 04 Apr 2018 21:17

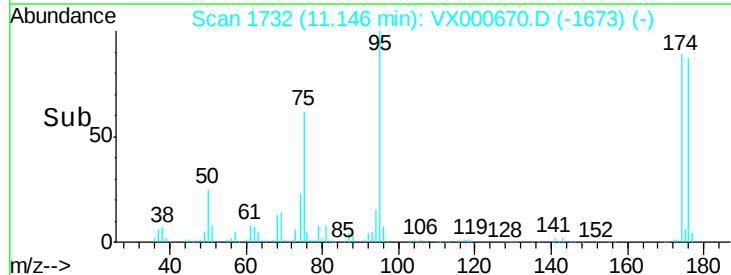
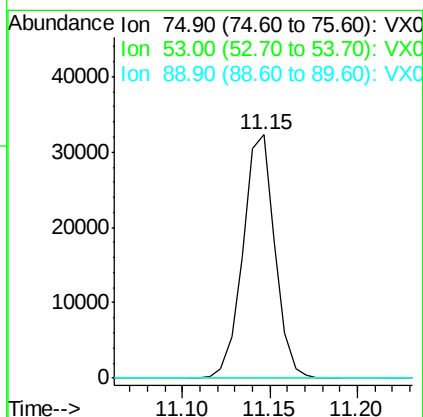
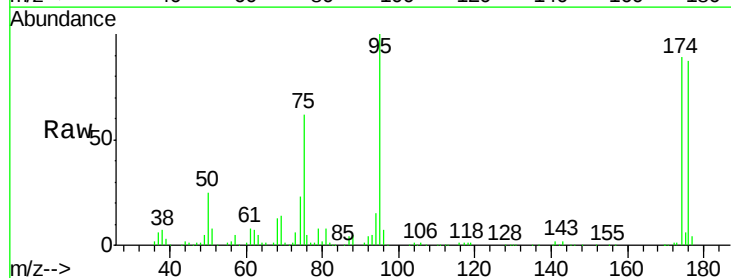
Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-1-3-4-5-6

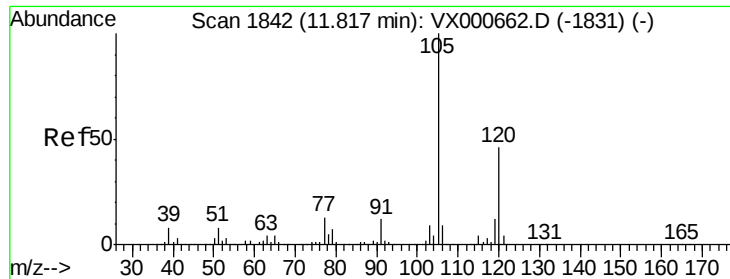
Tgt Ion: 105 Resp: 1099
 Ion Ratio Lower Upper
 105 100
 120 48.6 23.4 70.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.16 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.06 min
 Lab File: VX000670.D
 Acq: 04 Apr 2018 21:17

Tgt Ion: 75 Resp: 40788
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.7 128.5#
 89 0.0 36.3 54.5#





#84

1,2,4-Trimethylbenzene

Concen: 0.55 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.01 min

Lab File: VX000670.D

Acq: 04 Apr 2018 21:17

Instrument :

MSVOA_X

ClientSampleId :

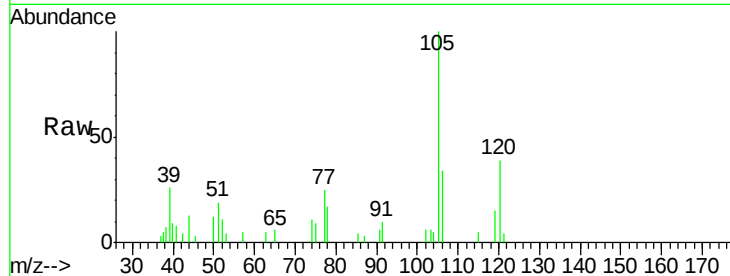
DRUM-1-3-4-5-6

Tgt Ion: 105 Resp: 2255

Ion Ratio Lower Upper

105 100

120 32.9 21.6 65.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2000

1500

1000

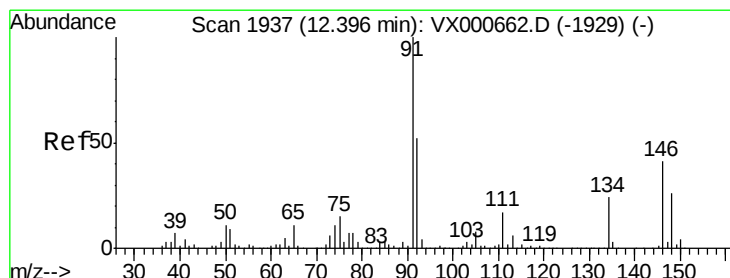
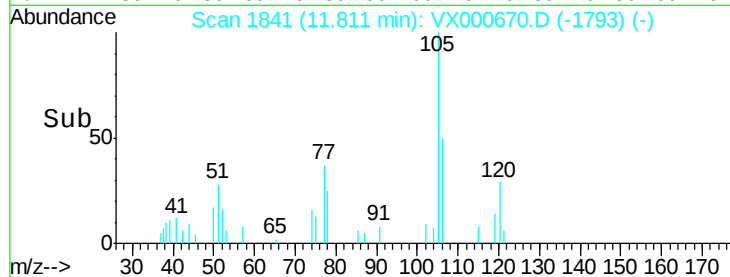
500

0

11.81

11.85

Time-->



#89

n-Butylbenzene

Concen: 0.21 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000670.D

Acq: 04 Apr 2018 21:17

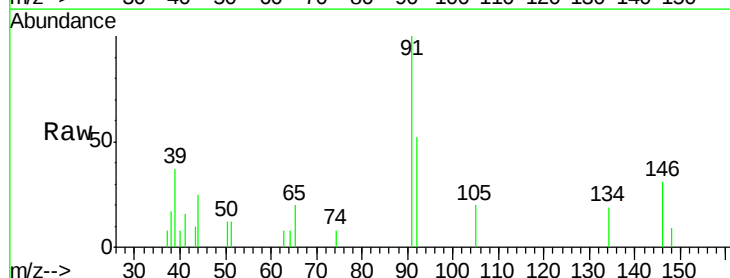
Tgt Ion: 91 Resp: 906

Ion Ratio Lower Upper

91 100

92 44.8 25.9 77.8

134 15.9 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

800

600

400

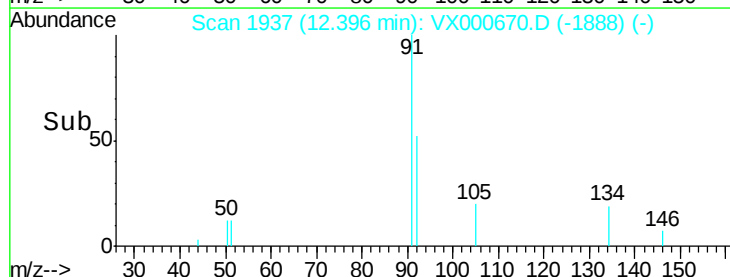
200

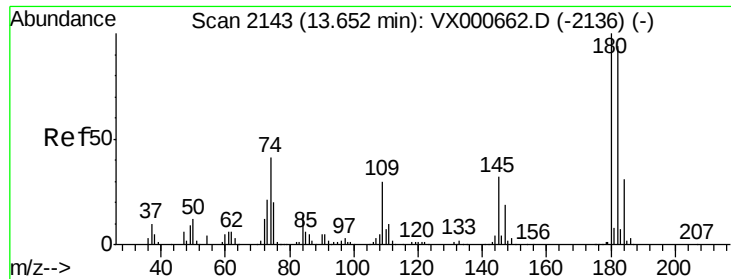
0

12.40

12.35

Time-->

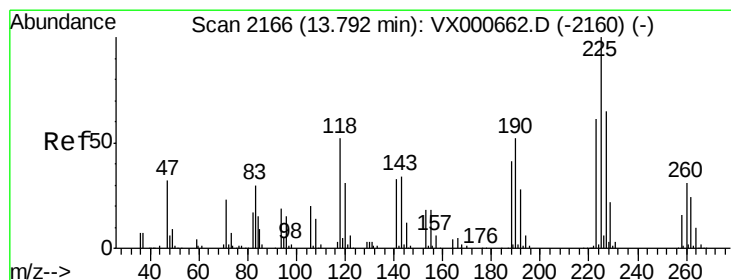
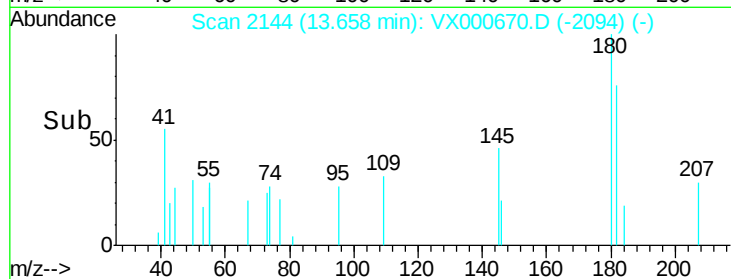
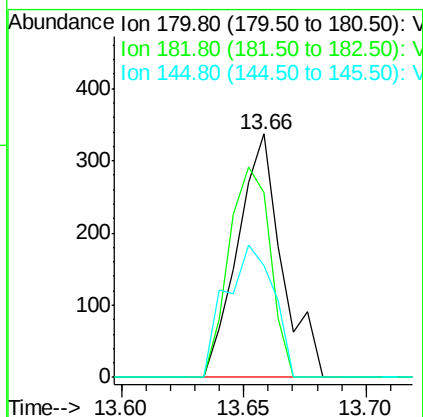
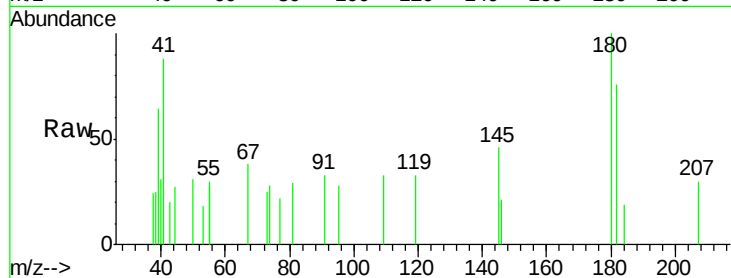




#93
 1,2,4-Trichlorobenzene
 Concen: 0.27 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000670.D
 Acq: 04 Apr 2018 21:17

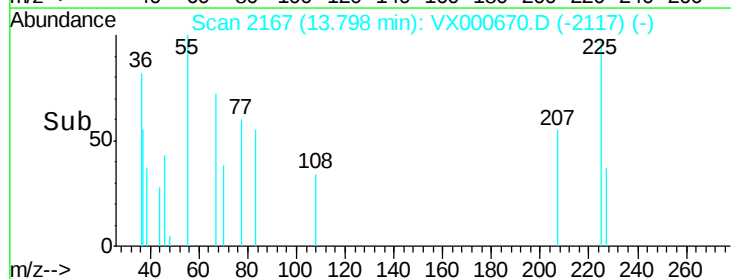
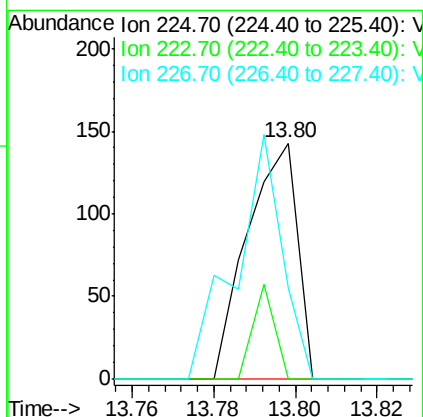
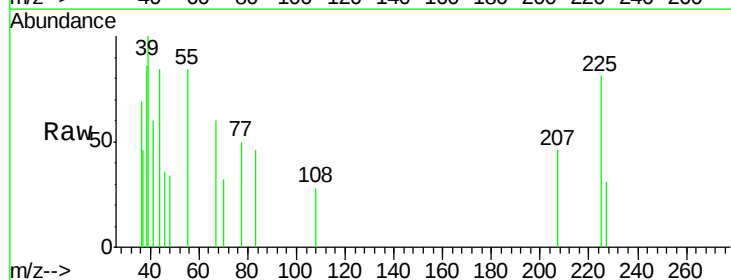
Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-1-3-4-5-6

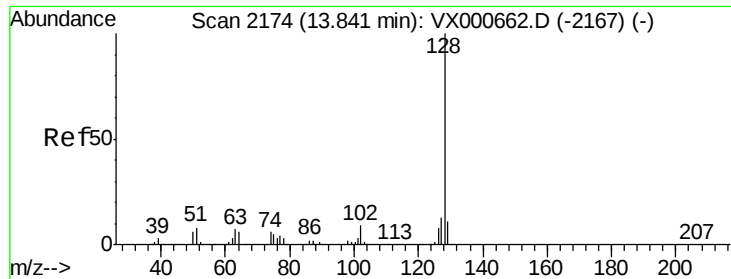
Tgt Ion:180 Resp: 425
 Ion Ratio Lower Upper
 180 100
 182 80.5 47.4 142.2
 145 58.6 14.8 44.3#



#94
 Hexachlorobutadiene
 Concen: 0.20 ug/l
 RT: 13.80 min Scan# 2167
 Delta R.T. 0.01 min
 Lab File: VX000670.D
 Acq: 04 Apr 2018 21:17

Tgt Ion:225 Resp: 122
 Ion Ratio Lower Upper
 225 100
 223 17.2 31.4 94.0#
 227 95.9 32.7 98.1





#95
Naphthalene
Concen: 4.04 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000670.D
Acq: 04 Apr 2018 21:17

Instrument :
MSVOA_X
ClientSampleId :
DRUM-1-3-4-5-6

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.6	16.0
129	11.4	8.9	13.3

