

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071318\
 Data File : VX003382.D
 Acq On : 14 Jul 2018 00:40
 Operator : JC/MD
 Sample : J3545-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-3

Quant Time: Jul 14 02:50:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 17:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	293669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	434009	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	392826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210321	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	183612	57.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.58%	
35) Dibromofluoromethane	5.51	113	161478	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
50) Toluene-d8	8.72	98	602845	57.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.58%	
62) 4-Bromofluorobenzene	11.14	95	202431	45.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	79	Below Cal	#	43
3) Chloromethane	1.32	50	1029	Below Cal	#	87
5) Bromomethane	1.65	94	1216	0.57	ug/l	91
6) Chloroethane	1.73	64	75	Below Cal	#	43
8) Diethyl Ether	2.19	74	985	0.41	ug/l	95
10) Methyl Iodide	2.52	142	1519	0.43	ug/l	98
11) Tert butyl alcohol	3.07	59	2065	2.42	ug/l	# 88
13) Acrolein	2.29	56	166	Below Cal	#	1
16) Acetone	2.45	43	16114	9.77	ug/l	93
18) Methyl Acetate	2.78	43	8949	1.75	ug/l	95
20) Methylene Chloride	2.86	84	66515	18.11	ug/l	92
25) 2-Butanone	4.71	43	4306	1.69	ug/l	96
29) Tetrahydrofuran	5.18	42	1010	0.62	ug/l	# 91
30) Chloroform	5.22	83	3845	0.61	ug/l	97
36) 1,1-Dichloropropene	5.67	75	18755	4.07	ug/l	# 49
37) Ethyl Acetate	4.71	43	4306	0.85	ug/l	# 70
38) Carbon Tetrachloride	5.67	117	25618	5.45	ug/l	# 16
43) Isopropyl Acetate	6.47	43	117578	14.85	ug/l	94
47) Bromodichloromethane	7.90	83	1354	0.29	ug/l	# 79
48) Methyl methacrylate	7.69	41	6356	1.57	ug/l	# 26
51) 4-Methyl-2-Pentanone	8.62	43	2402	0.46	ug/l	# 53
53) t-1,3-Dichloropropene	8.63	75	1227	0.22	ug/l	# 43
59) 2-Hexanone	9.50	43	902	0.24	ug/l	82
67) Ethyl Benzene	10.26	91	12531	0.76	ug/l	99
68) m/p-Xylenes	10.36	106	13995	2.21	ug/l	98
69) o-Xylene	10.70	106	4398	0.71	ug/l	95
74) N-amyl acetate	6.47	43	117578	17.44	ug/l	# 94
76) 1,2,3-Trichloropropane	11.14	75	98927	23.81	ug/l	# 33
78) n-propylbenzene	11.36	91	8542	0.52	ug/l	99
79) 2-Chlorotoluene	11.43	91	3728	0.37	ug/l	# 41
80) 1,3,5-Trimethylbenzene	11.51	105	12329	1.02	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.14	75	98927	79.38	ug/l	# 7
84) 1,2,4-Trimethylbenzene	11.81	105	38438	3.14	ug/l	100
89) n-Butylbenzene	12.38	91	3895	0.36	ug/l	# 41

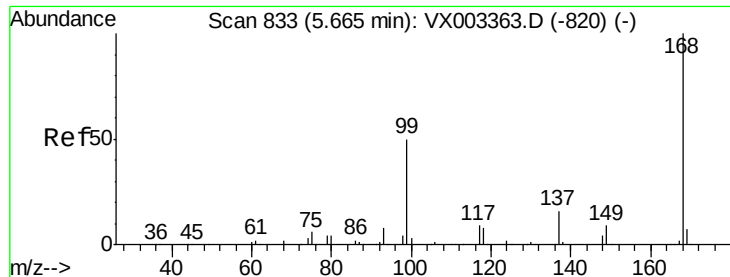
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071318\
Data File : VX003382.D
Acq On : 14 Jul 2018 00:40
Operator : JC/MD
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Quant Time: Jul 14 02:50:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 13 17:01:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.59	117	630	0.33	ug/l #	1
95) Naphthalene	13.83	128	28587	1.94	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003382.D

Acq: 14 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

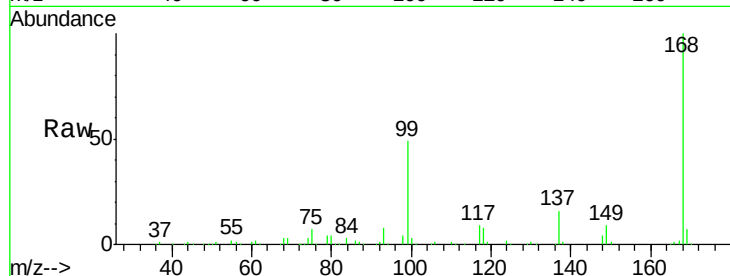
DRUM-3

Tot Ion:168 Resp: 293669

Ion Ratio Lower Upper

168 100

99 49.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

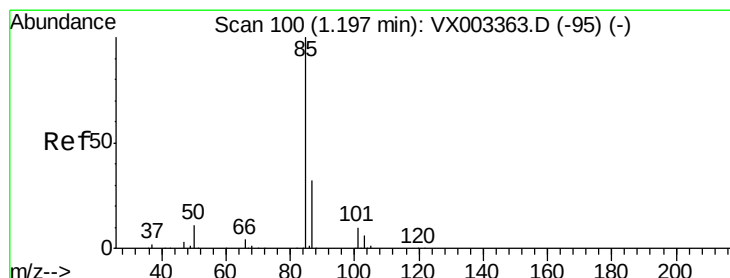
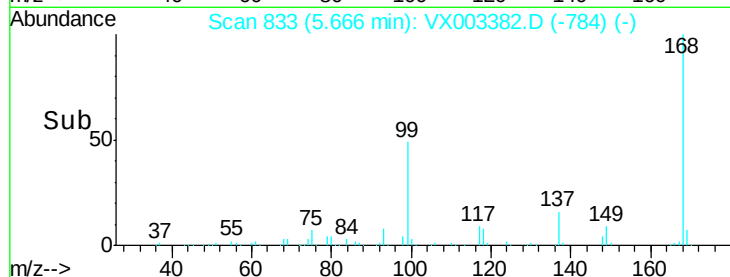
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003382.D

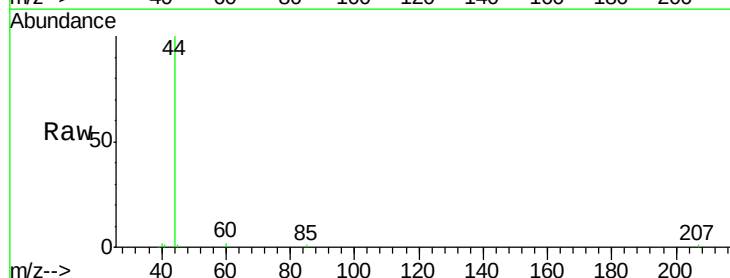
Acq: 14 Jul 2018 00:40

Tgt Ion: 85 Resp: 79

Ion Ratio Lower Upper

85 100

87 0.0 16.0 47.9#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100

80

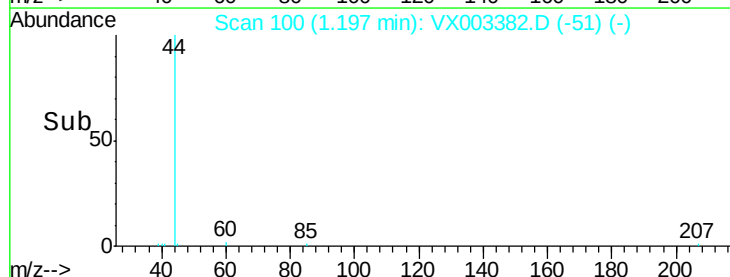
60

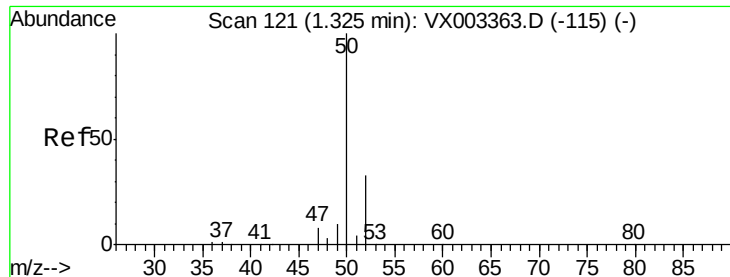
40

20

0

Time--> 1.18 1.20 1.22





#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003382.D

Acq: 14 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampled :

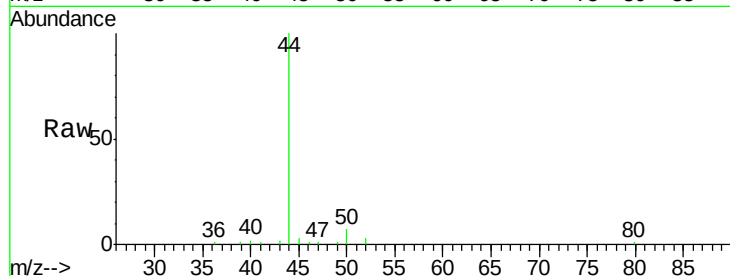
DRUM-3

Tot Ion: 50 Resp: 1029

Ion Ratio Lower Upper

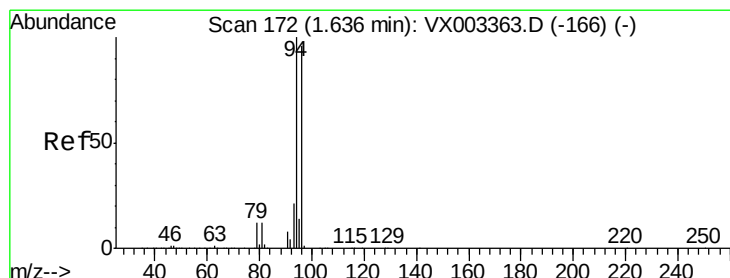
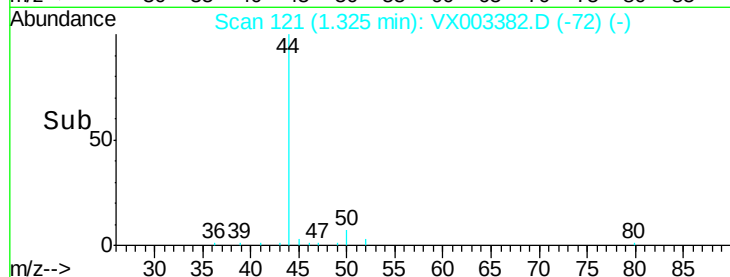
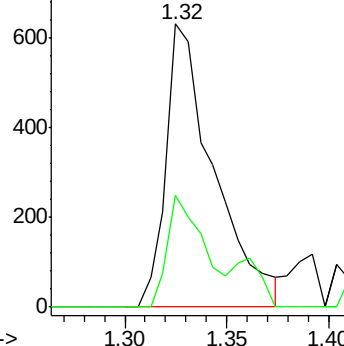
50 100

52 39.4 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: 0.57 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX003382.D

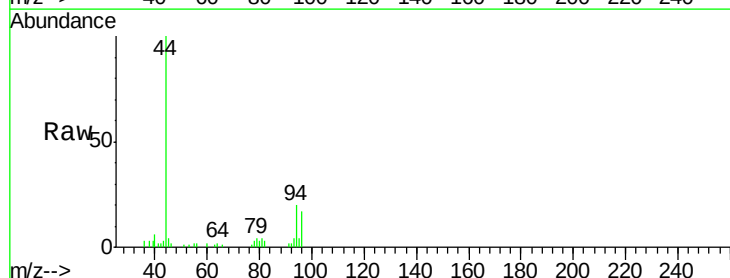
Acq: 14 Jul 2018 00:40

Tgt Ion: 94 Resp: 1216

Ion Ratio Lower Upper

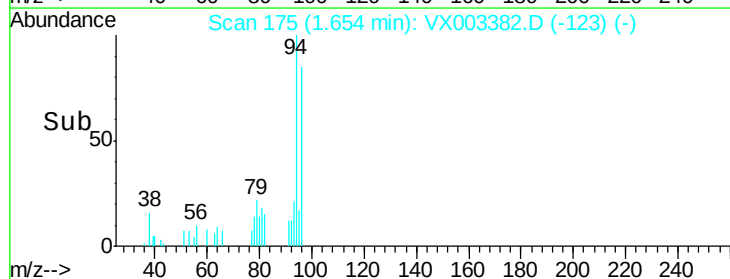
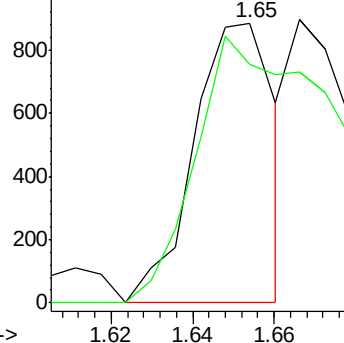
94 100

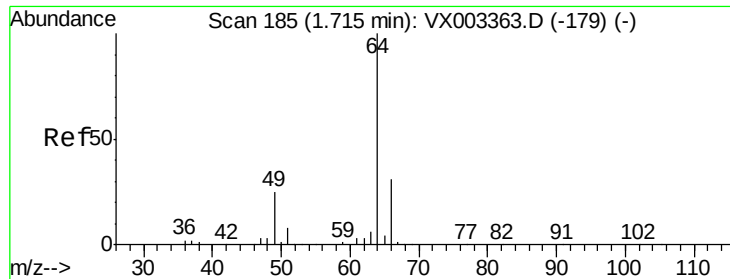
96 85.2 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 188

Delta R.T. 0.02 min

Lab File: VX003382.D

Acq: 14 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

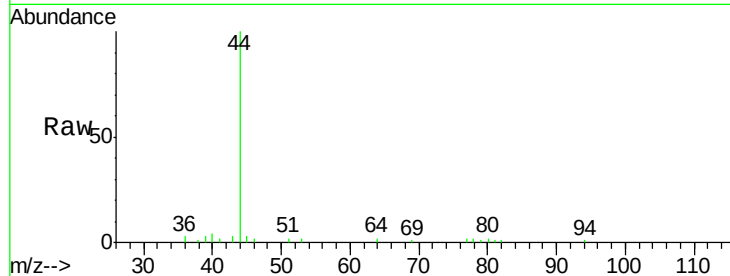
DRUM-3

Tot Ion: 64 Resp: 75

Ion Ratio Lower Upper

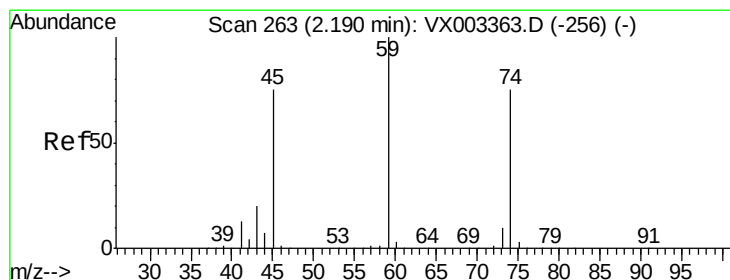
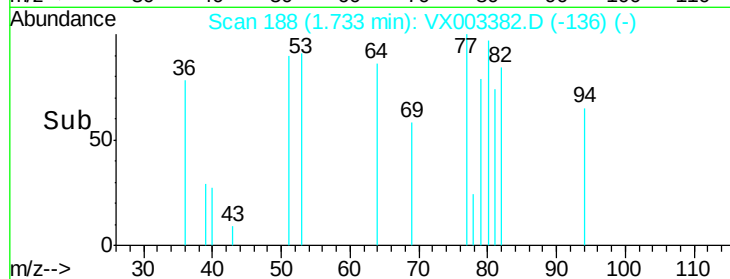
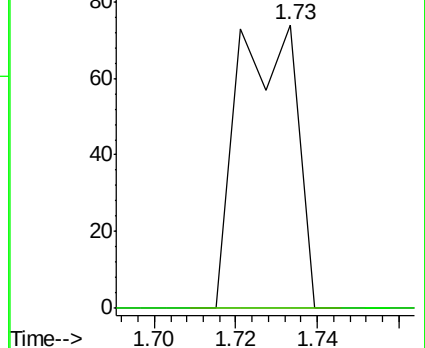
64 100

66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#8

Diethyl Ether

Concen: 0.41 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX003382.D

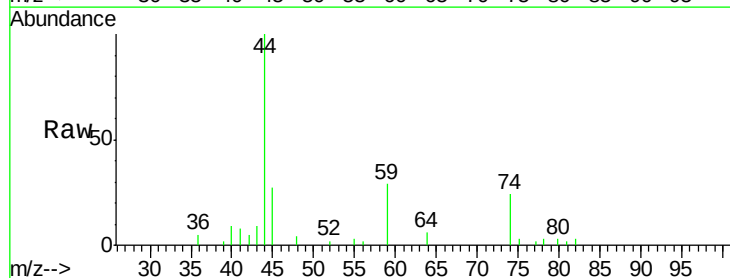
Acq: 14 Jul 2018 00:40

Tgt Ion: 74 Resp: 985

Ion Ratio Lower Upper

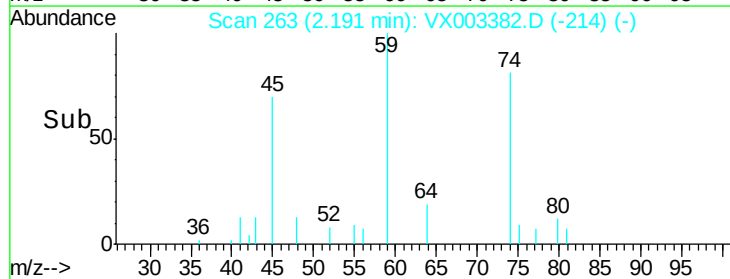
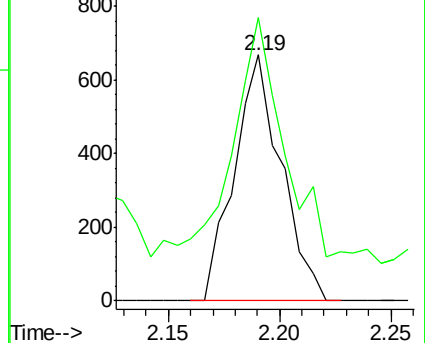
74 100

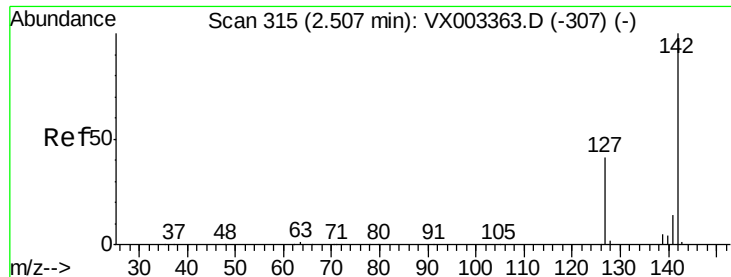
45 100.9 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

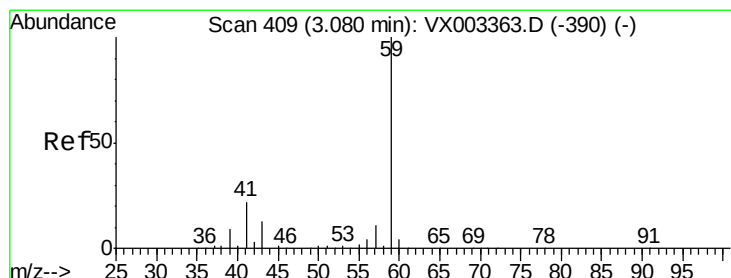
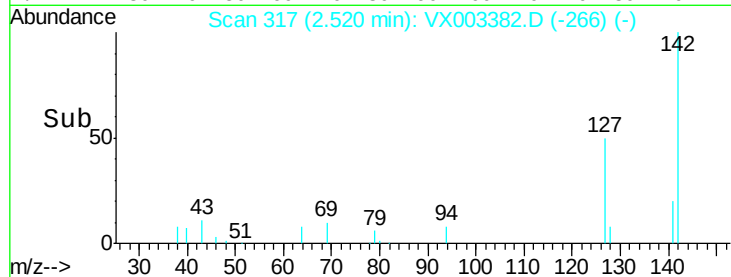
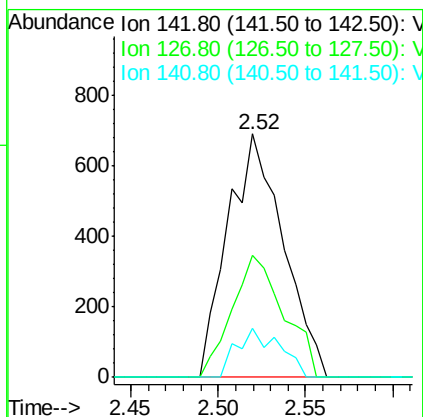
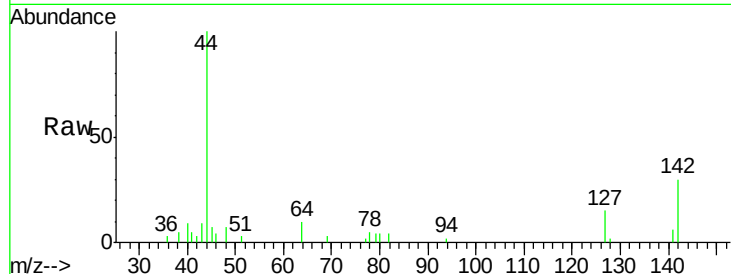




#10
Methvl Iodide
Concen: 0.43 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003382.D
Acq: 14 Jul 2018 00:40

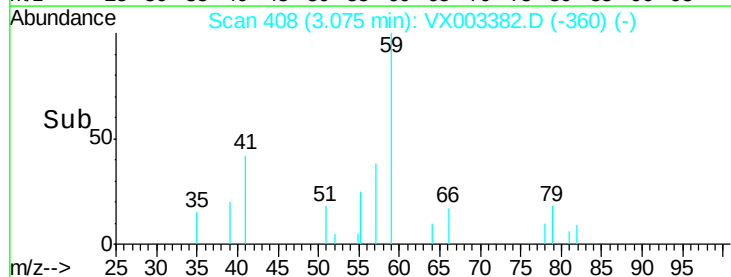
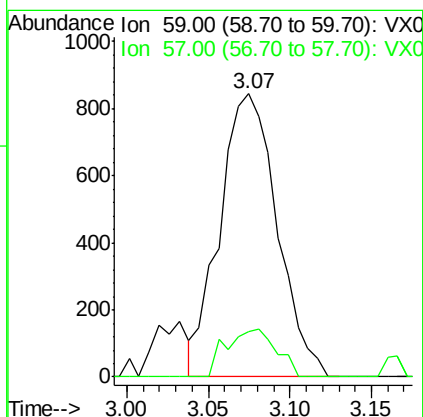
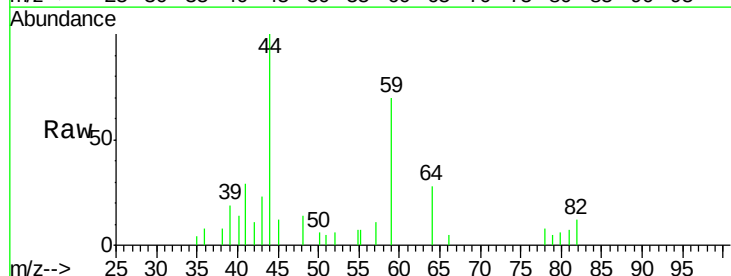
Instrument :
MSVOA_X
ClientSampleId :
DRUM-3

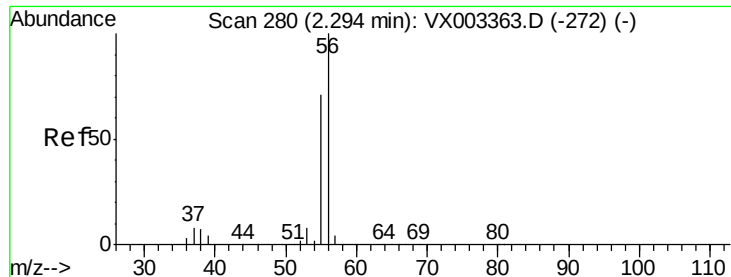
Tot Ion:142 Resp: 1519
Ion Ratio Lower Upper
142 100
127 46.9 36.6 55.0
141 15.3 11.3 16.9



#11
Tert butyl alcohol
Concen: 2.42 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003382.D
Acq: 14 Jul 2018 00:40

Tgt Ion: 59 Resp: 2065
Ion Ratio Lower Upper
59 100
57 14.8 8.2 12.2#





#13

Acrolein

Concen: Below Cal

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003382.D

Acq: 14 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampled :

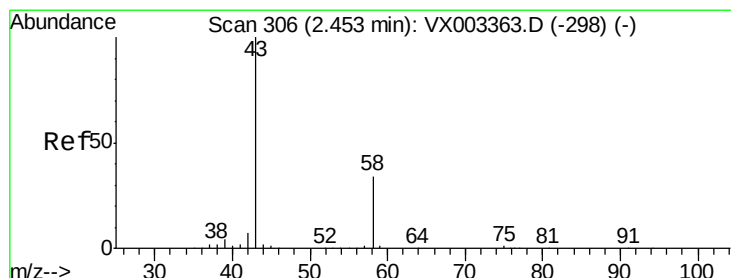
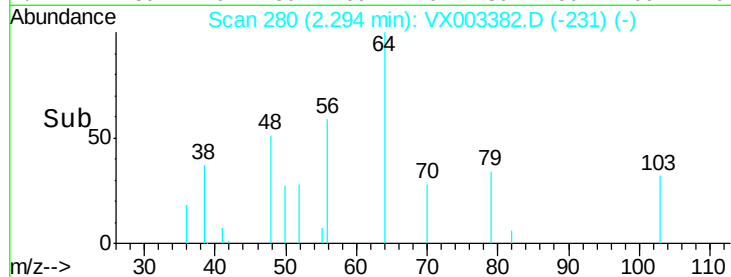
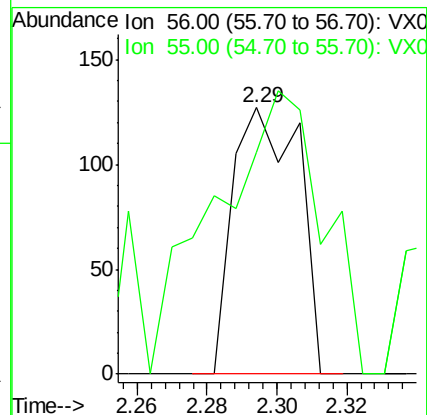
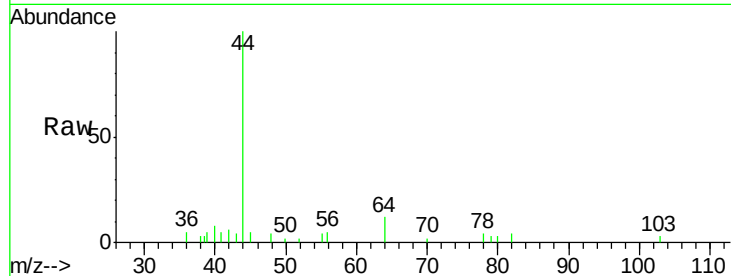
DRUM-3

Tot Ion: 56 Resp: 166

Ion Ratio Lower Upper

56 100

55 175.9 57.0 85.4#



#16

Acetone

Concen: 9.77 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003382.D

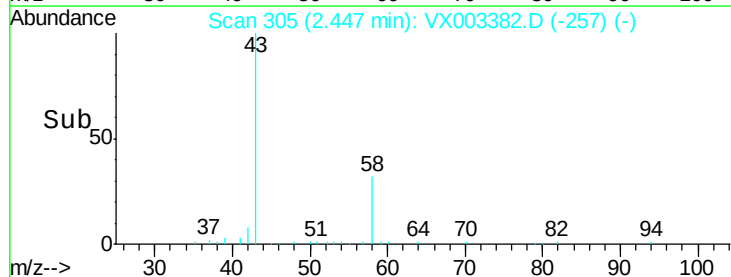
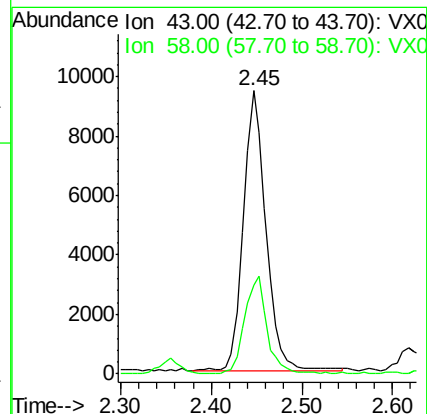
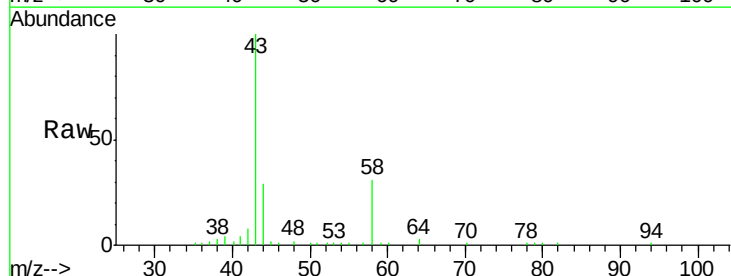
Acq: 14 Jul 2018 00:40

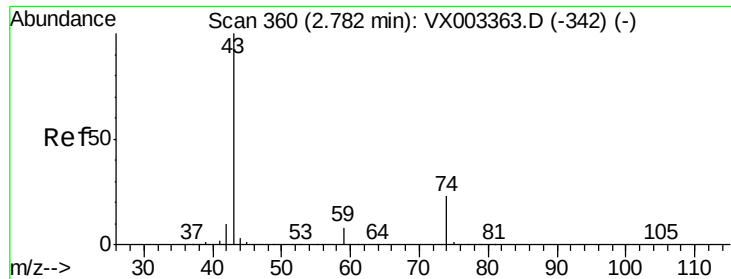
Tgt Ion: 43 Resp: 16114

Ion Ratio Lower Upper

43 100

58 31.2 22.1 33.1

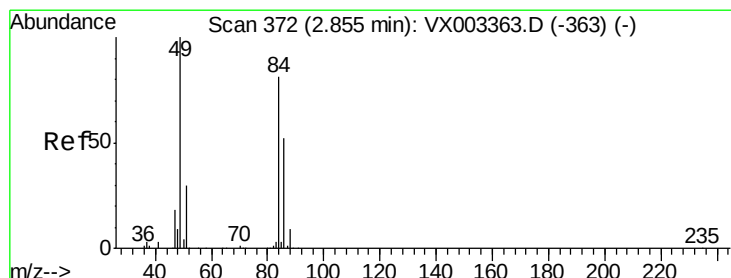
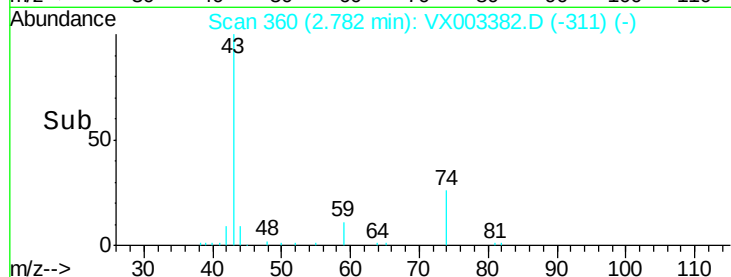
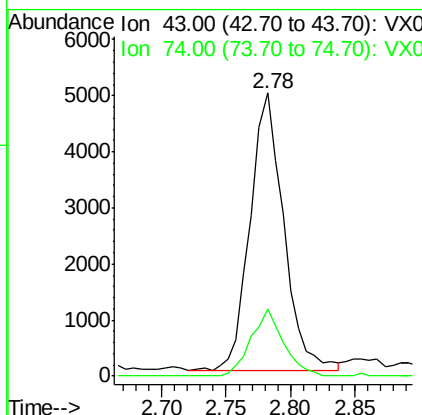
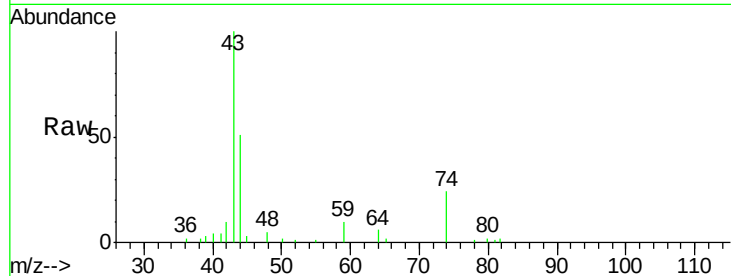




#18
Methyl Acetate
Concen: 1.75 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003382.D
Acq: 14 Jul 2018 00:40

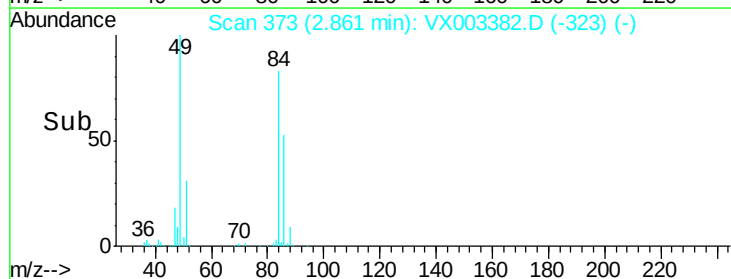
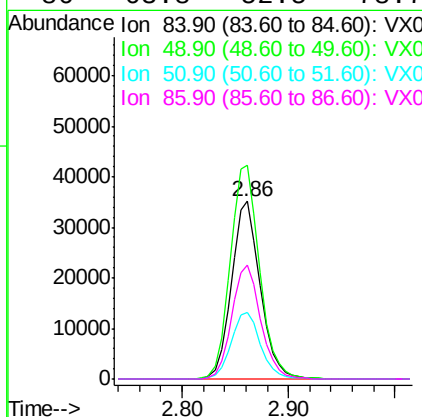
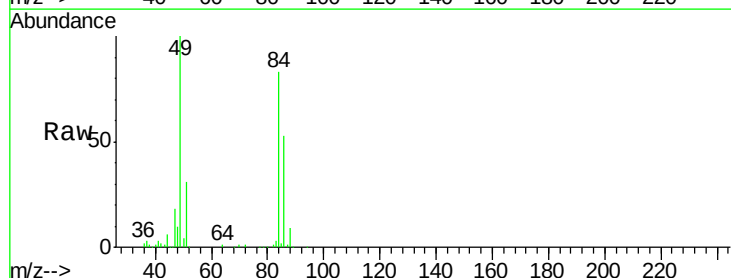
Instrument :
MSVOA_X
ClientSampled :
DRUM-3

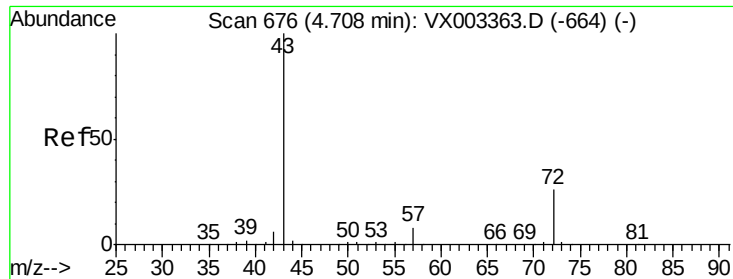
Tot Ion: 43 Resp: 8949
Ion Ratio Lower Upper
43 100
74 23.3 16.7 25.1



#20
Methylene Chloride
Concen: 18.11 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003382.D
Acq: 14 Jul 2018 00:40

Tgt Ion: 84 Resp: 66515
Ion Ratio Lower Upper
84 100
49 120.2 107.8 161.6
51 37.3 32.8 49.2
86 63.8 52.5 78.7





#25

2-Butanone

Concen: 1.69 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003382.D

Acq: 14 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampled :

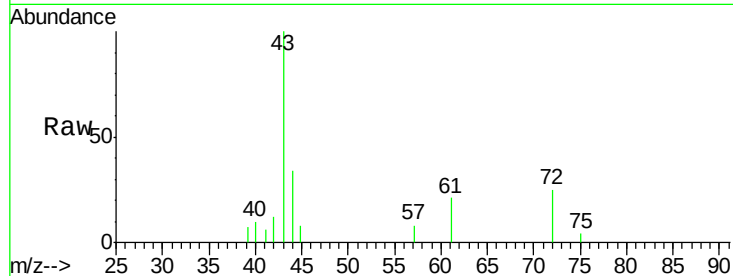
DRUM-3

Tot Ion: 43 Resp: 4306

Ion Ratio Lower Upper

43 100

72 24.9 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

1500

1000

500

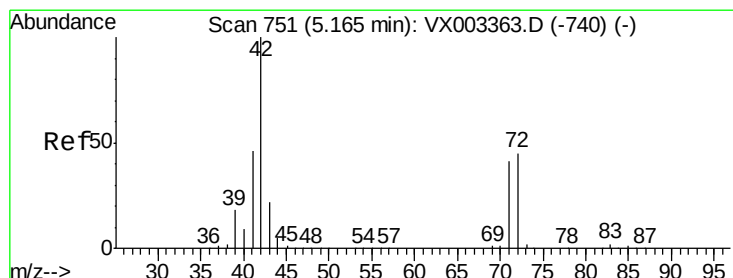
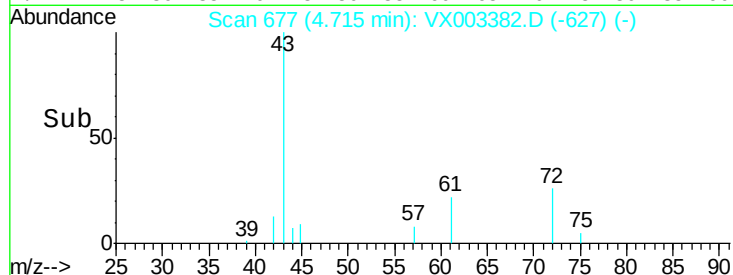
0

4.60

4.70

4.80

Time-->



#29

Tetrahydrofuran

Concen: 0.62 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.02 min

Lab File: VX003382.D

Acq: 14 Jul 2018 00:40

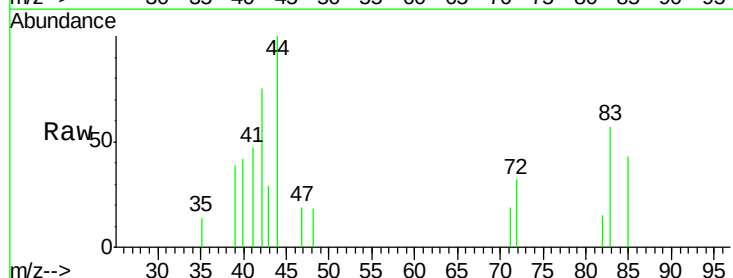
Tgt Ion: 42 Resp: 1010

Ion Ratio Lower Upper

42 100

72 37.5 32.0 48.0

71 29.5 30.1 45.1#



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

400

300

200

100

0

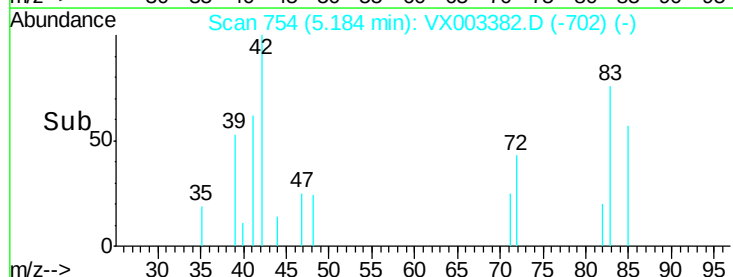
5.10

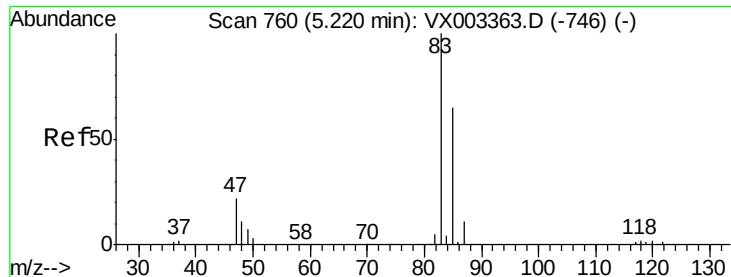
5.15

5.20

5.25

Time-->

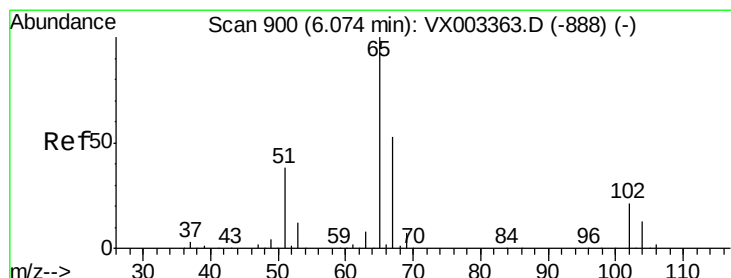
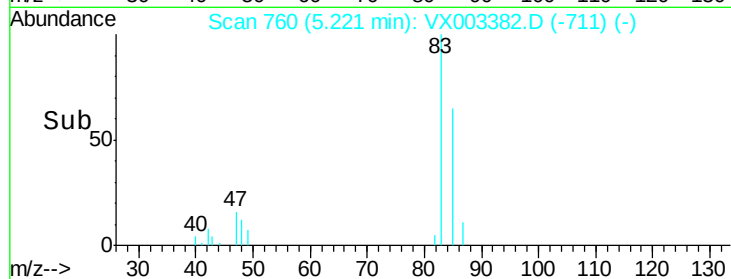
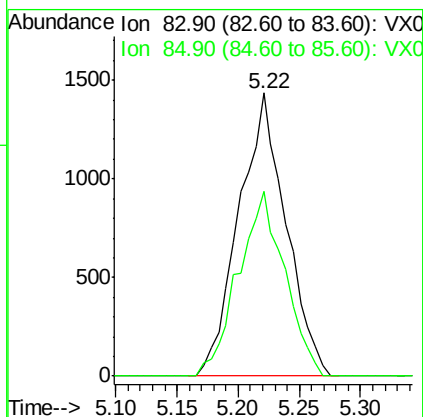
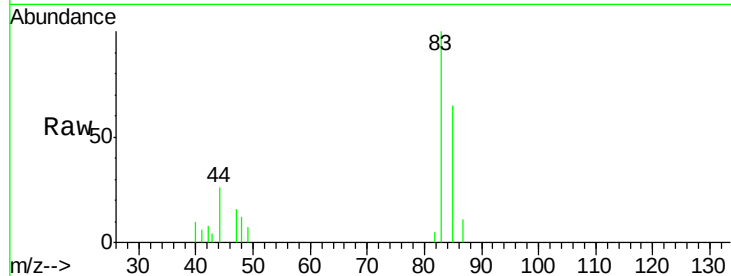




#30
Chloroform
Concen: 0.61 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003382.D
Acq: 14 Jul 2018 00:40

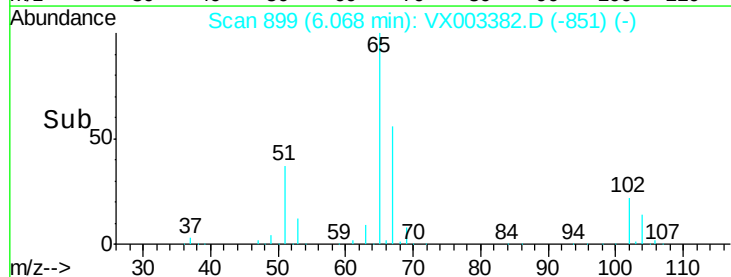
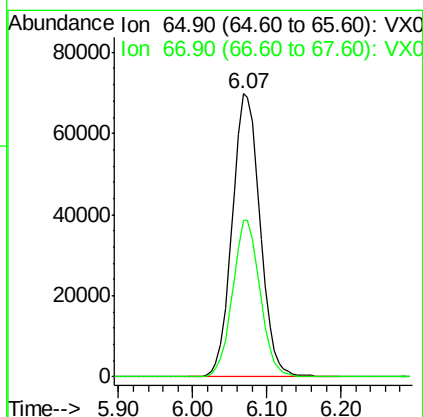
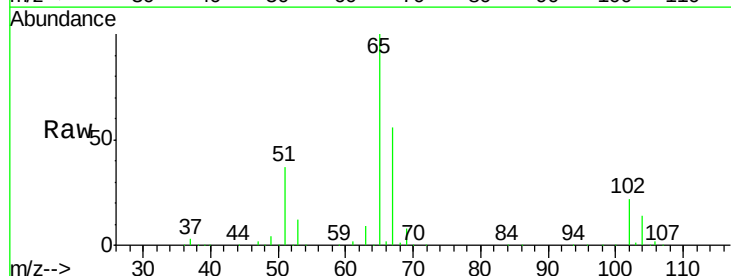
Instrument :
MSVOA_X
ClientSampleId :
DRUM-3

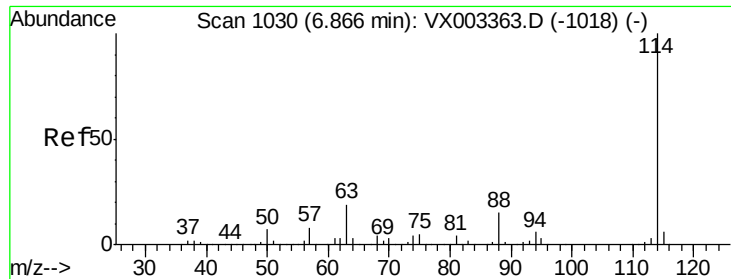
Tot Ion: 83 Resp: 3845
Ion Ratio Lower Upper
83 100
85 65.4 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 57.29 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.01 min
Lab File: VX003382.D
Acq: 14 Jul 2018 00:40

Tgt Ion: 65 Resp: 183612
Ion Ratio Lower Upper
65 100
67 54.4 0.0 102.6

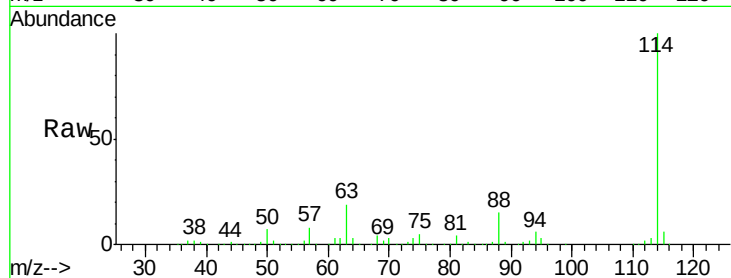




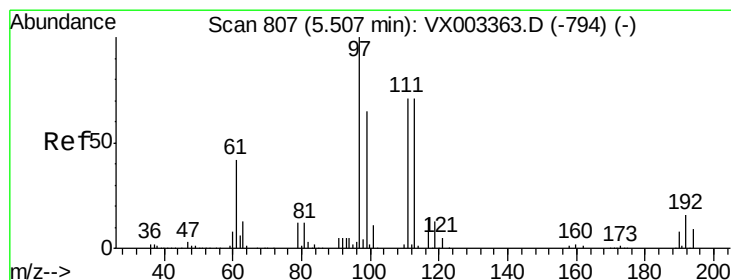
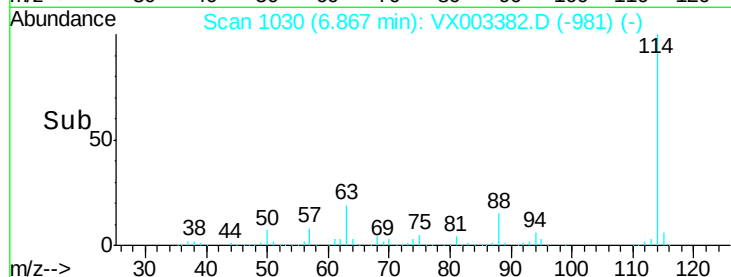
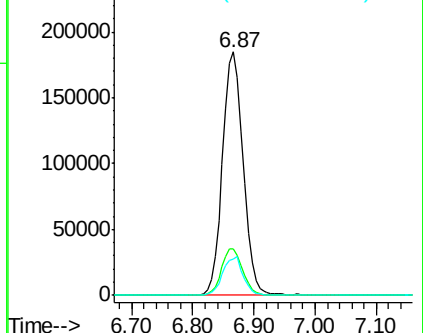
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003382.D
 Acq: 14 Jul 2018 00:40

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-3

Tot Ion:114 Resp: 434009
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 41.4
 88 15.1 0.0 30.0

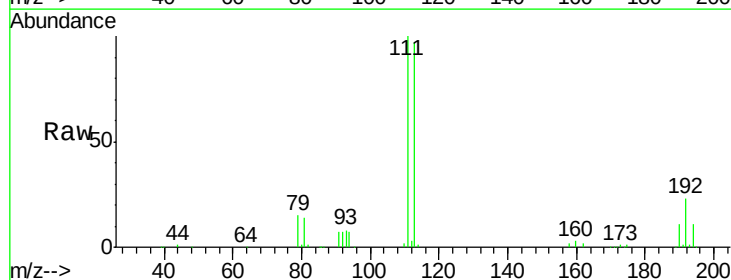


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

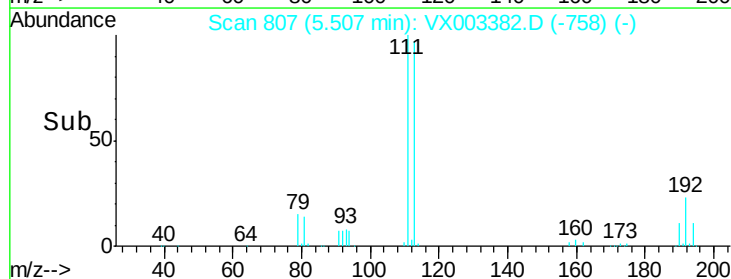
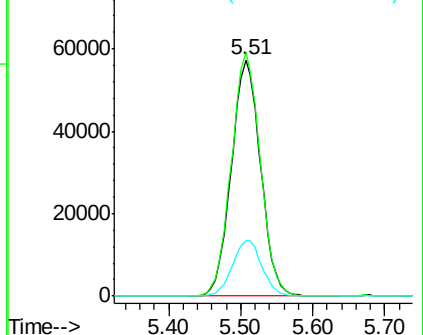


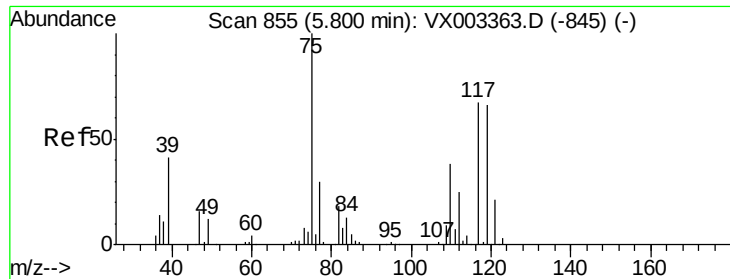
#35
 Dibromofluoromethane
 Concen: 50.55 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003382.D
 Acq: 14 Jul 2018 00:40

Tgt Ion:113 Resp: 161478
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.0
 192 23.8 19.1 28.7



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

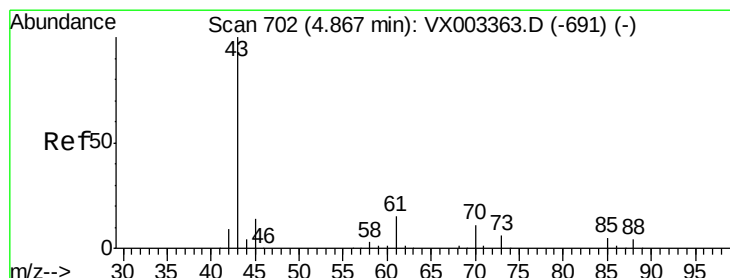
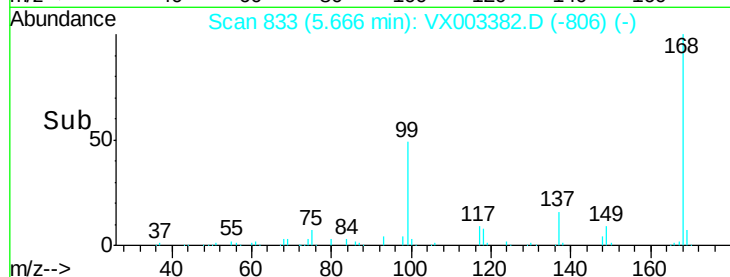
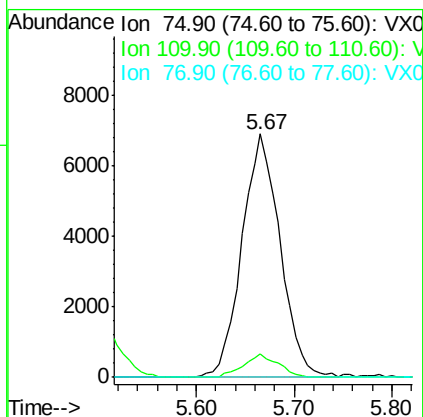
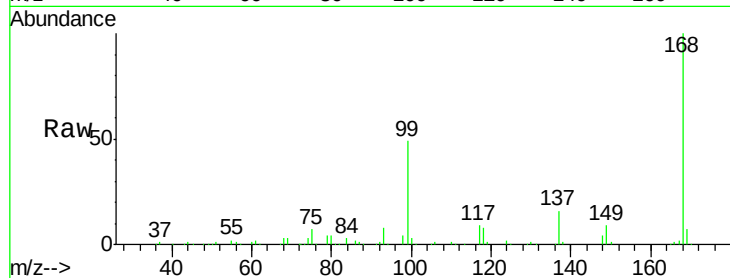




#36
 1,1-Dichloropropene
 Concen: 4.07 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX003382.D
 Acq: 14 Jul 2018 00:40

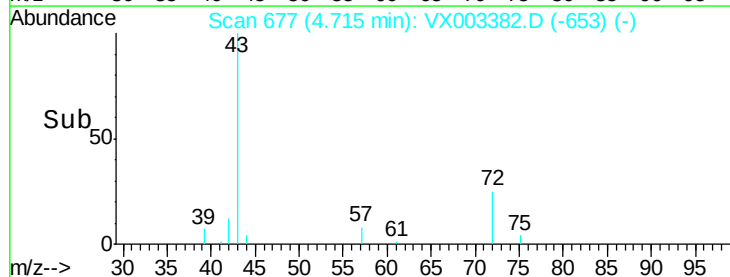
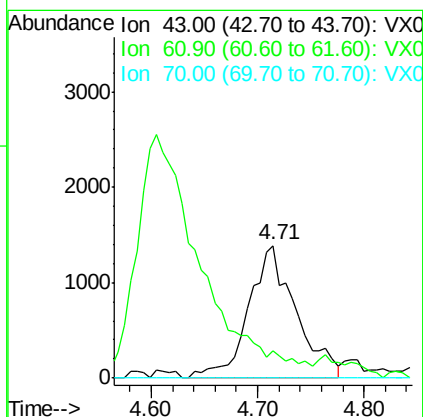
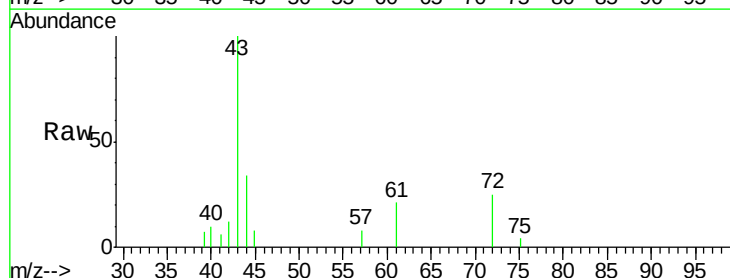
Instrument :
 MSVOA_X
 ClientSampled :
 DRUM-3

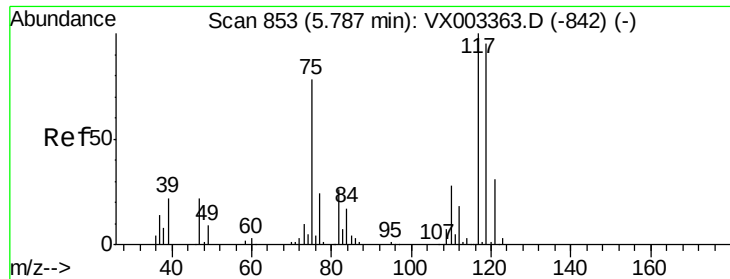
Tot Ion	75	Resp	18755
Ion Ratio	100	Lower	Upper
110	8.6	18.1	54.4#
77	0.0	24.3	36.5#



#37
 Ethyl Acetate
 Concen: 0.85 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. -0.15 min
 Lab File: VX003382.D
 Acq: 14 Jul 2018 00:40

Tgt Ion	43	Resp	4306
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
61	0.0	10.4	15.6#
70	0.0	7.6	11.4#





#38

Carbon Tetrachloride

Concen: 5.45 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003382.D

Acq: 14 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampled :

DRUM-3

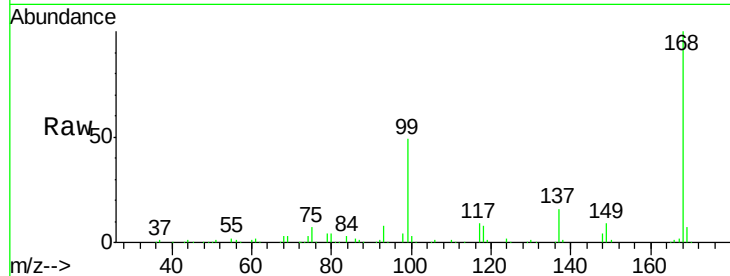
Tot Ion:117 Resp: 25618

Ion Ratio Lower Upper

117 100

119 5.8 77.4 116.0#

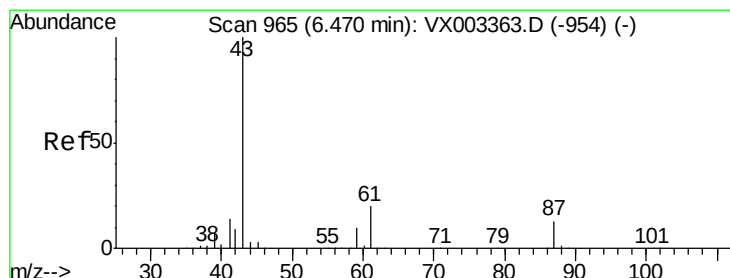
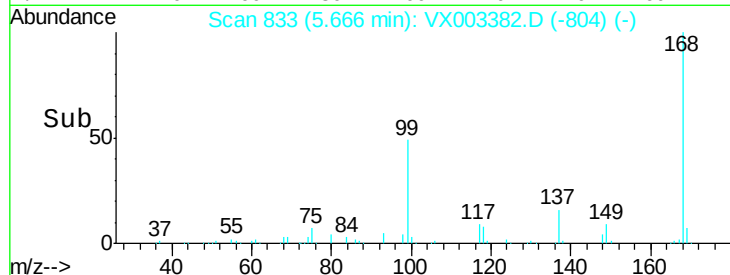
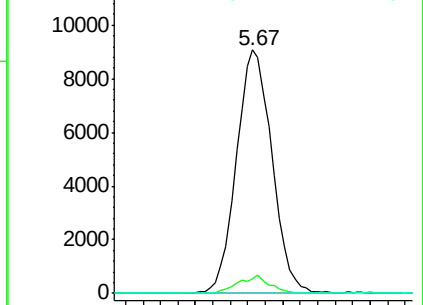
121 0.0 24.4 36.6#



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: 14.85 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003382.D

Acq: 14 Jul 2018 00:40

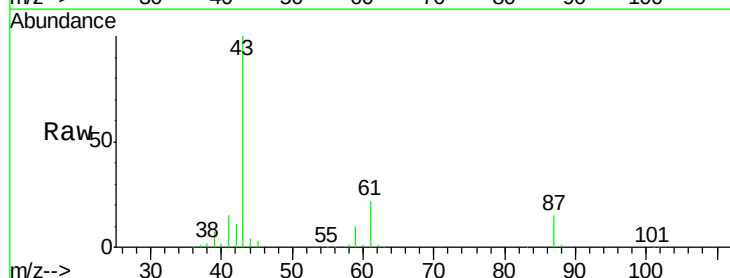
Tgt Ion: 43 Resp: 117578

Ion Ratio Lower Upper

43 100

61 20.8 14.4 21.6

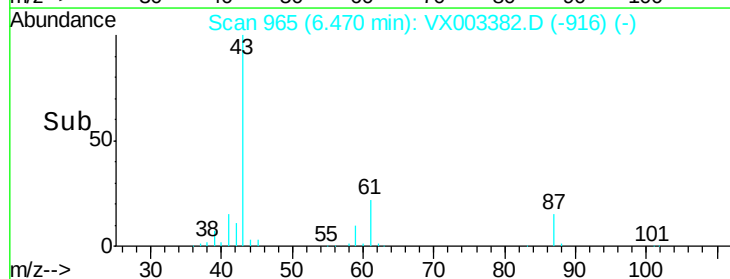
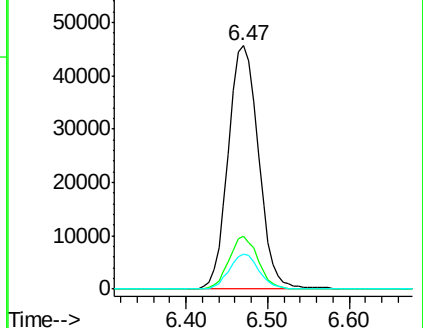
87 14.1 9.5 14.3

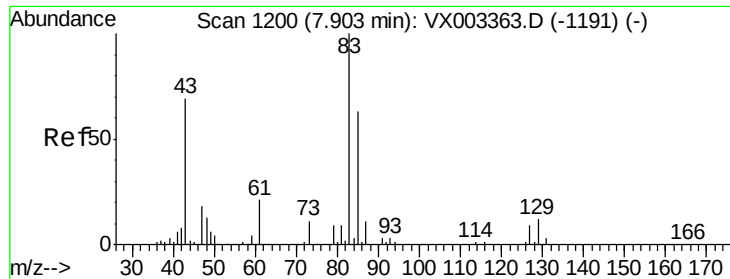


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#47

Bromodichloromethane

Concen: 0.29 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003382.D

Acq: 14 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

DRUM-3

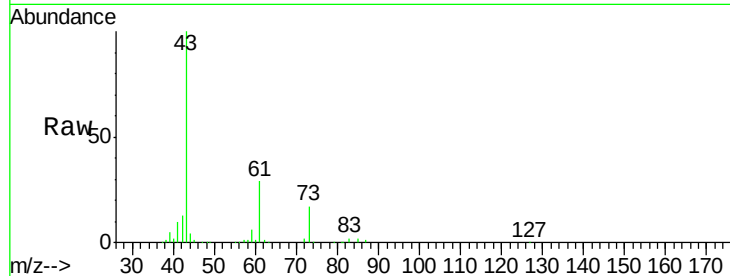
Tot Ion: 83 Resp: 1354

Ion Ratio Lower Upper

83 100

85 81.5 50.3 75.5#

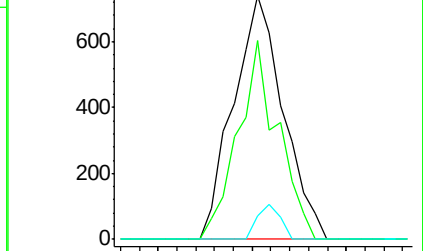
127 9.9 7.0 10.4



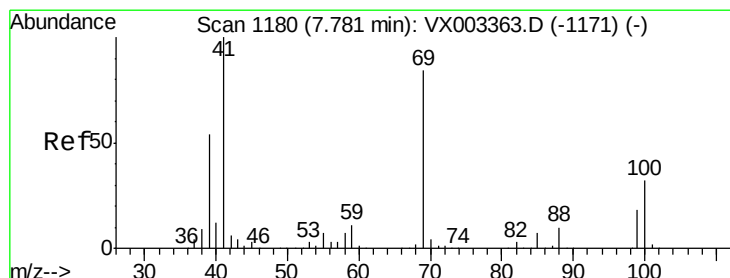
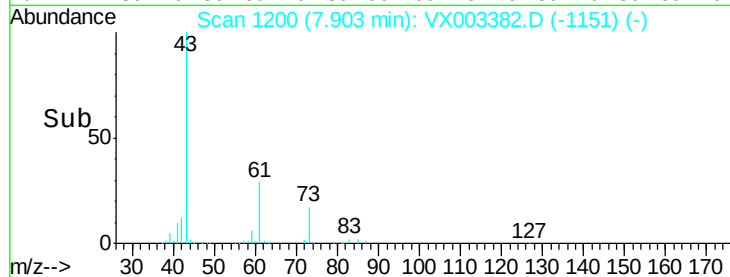
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



Time-->



#48

Methyl methacrylate

Concen: 1.57 ug/l

RT: 7.69 min Scan# 1165

Delta R.T. -0.09 min

Lab File: VX003382.D

Acq: 14 Jul 2018 00:40

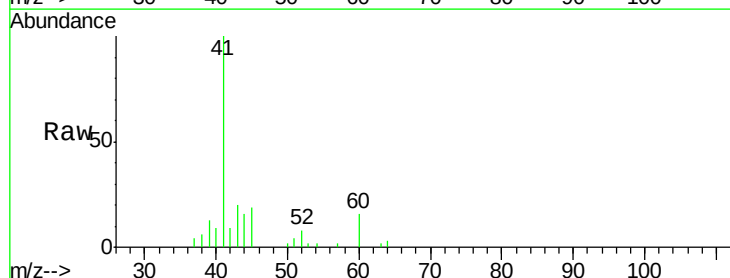
Tgt Ion: 41 Resp: 6356

Ion Ratio Lower Upper

41 100

69 0.0 59.1 88.7#

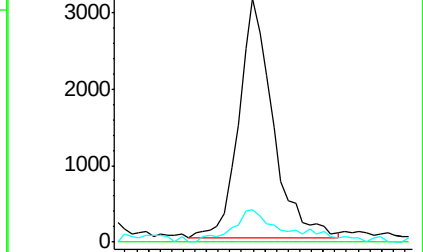
39 17.0 48.9 73.3#



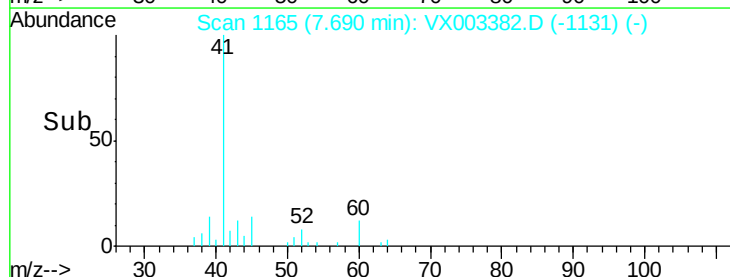
Abundance Ion 41.00 (40.70 to 41.70): VX0

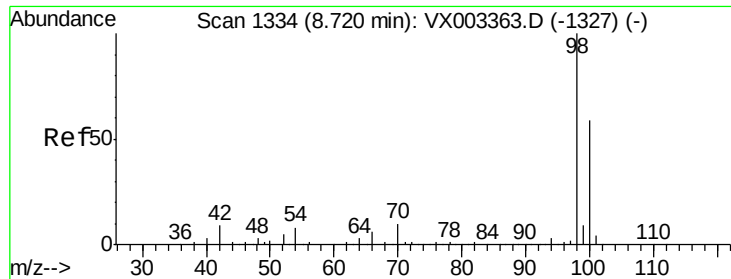
Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->

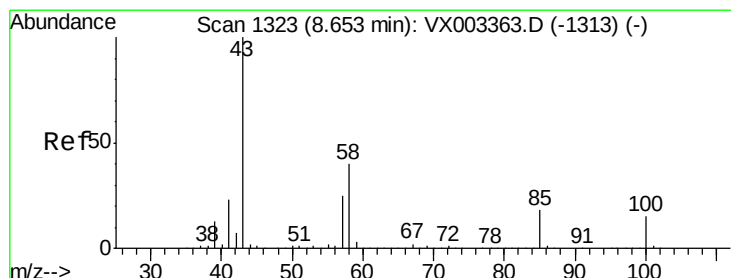
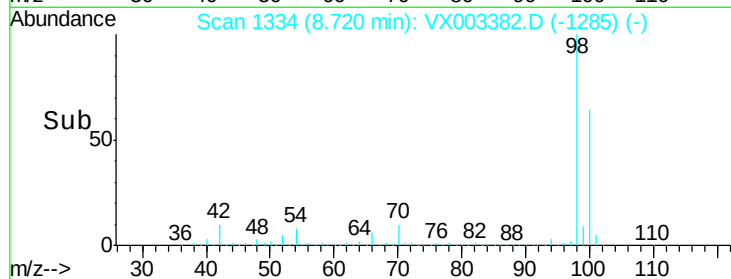
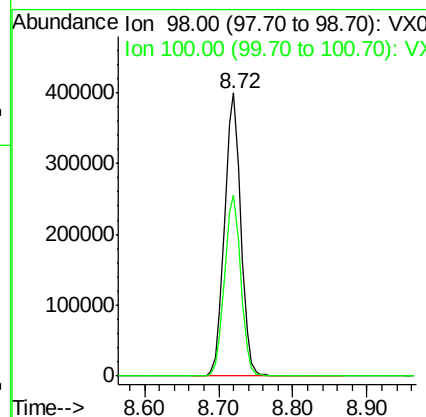
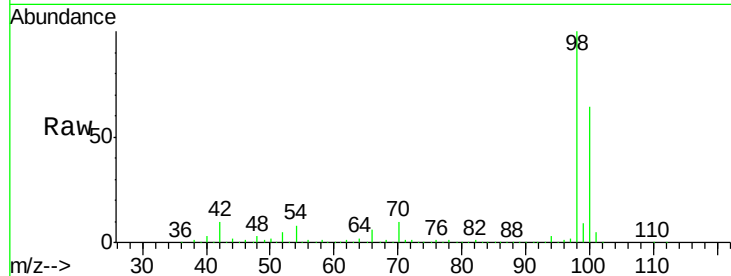




#50
Toluene-d8
Concen: 57.79 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003382.D
Acq: 14 Jul 2018 00:40

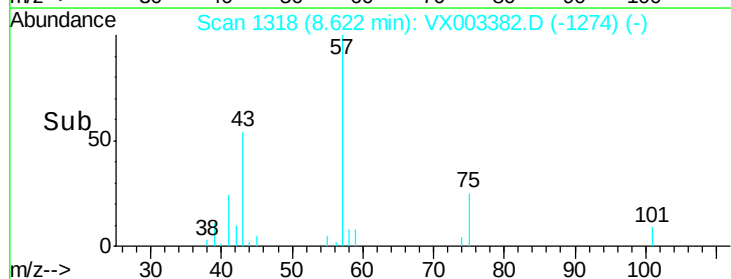
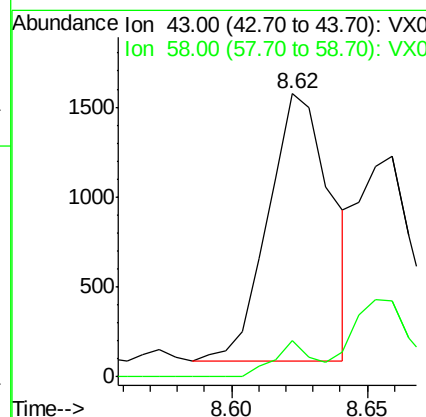
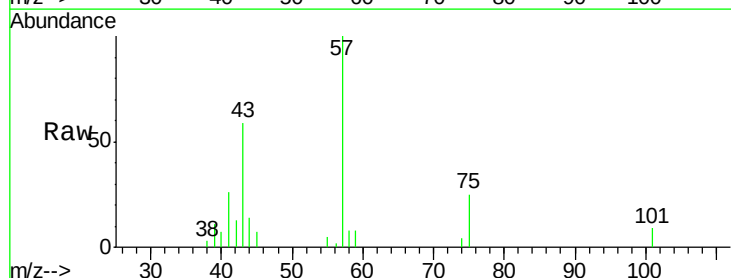
Instrument :
MSVOA_X
ClientSampleId :
DRUM-3

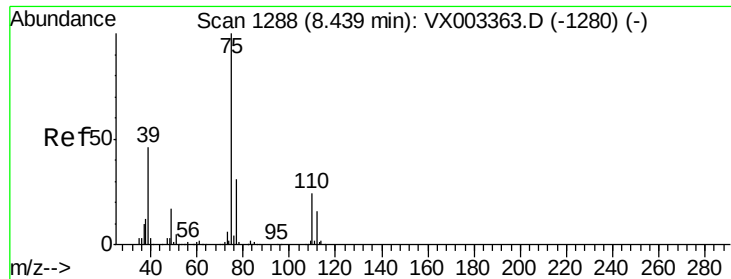
Tot Ion: 98 Resp: 602845
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.46 ug/l
RT: 8.62 min Scan# 1318
Delta R.T. -0.03 min
Lab File: VX003382.D
Acq: 14 Jul 2018 00:40

Tgt Ion: 43 Resp: 2402
Ion Ratio Lower Upper
43 100
58 8.3 28.6 42.8#

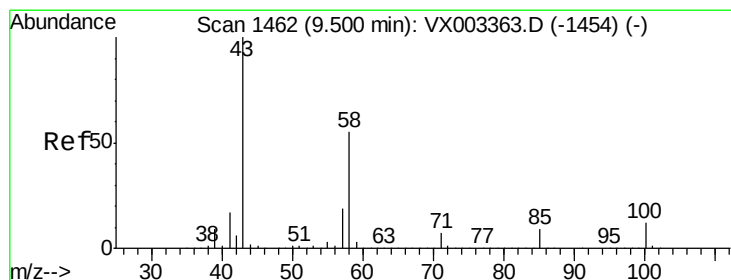
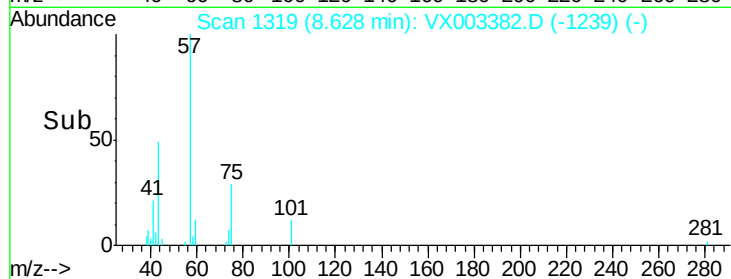
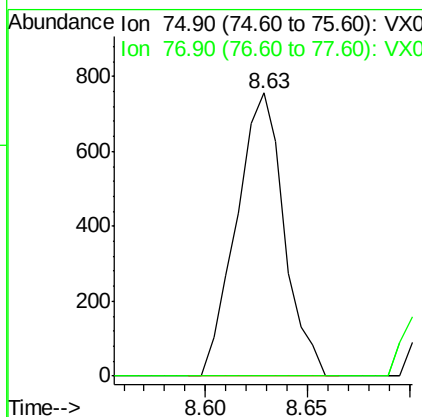
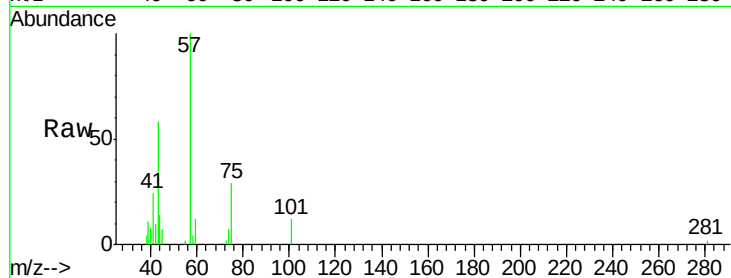




#53
t-1,3-Dichloropropene
Concen: 0.22 ug/l
RT: 8.63 min Scan# 1319
Delta R.T. 0.19 min
Lab File: VX003382.D
Acq: 14 Jul 2018 00:40

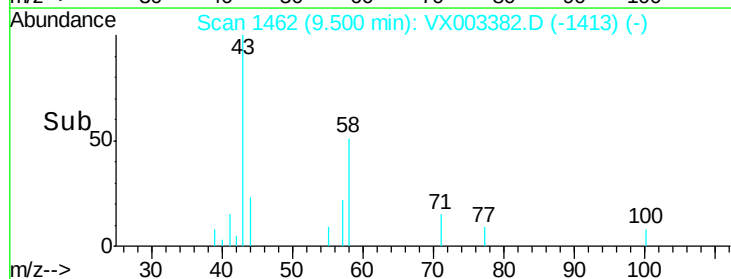
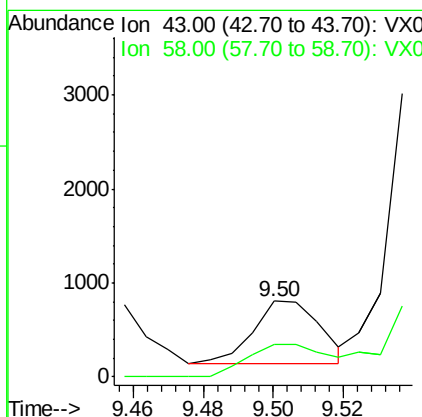
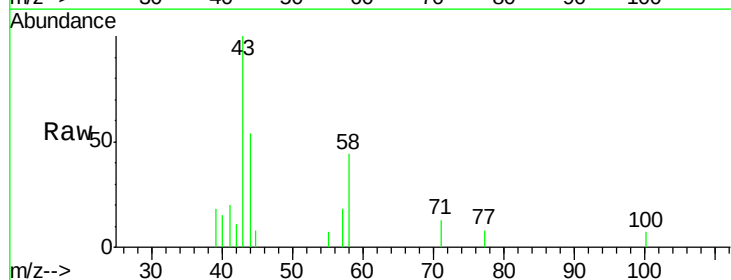
Instrument :
MSVOA_X
ClientSampleId :
DRUM-3

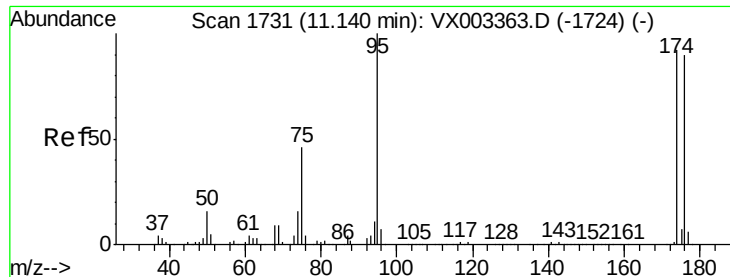
Tot Ion: 75 Resp: 1227
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#



#59
2-Hexanone
Concen: 0.24 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003382.D
Acq: 14 Jul 2018 00:40

Tgt Ion: 43 Resp: 902
Ion Ratio Lower Upper
43 100
58 61.3 24.6 73.6

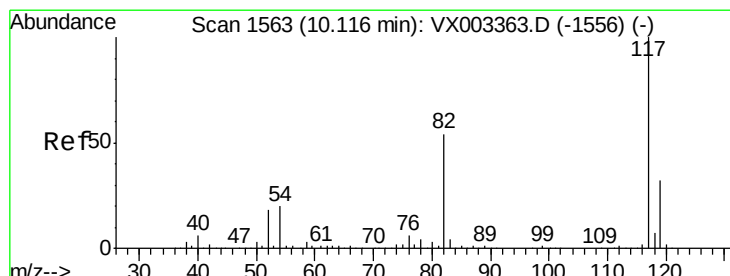
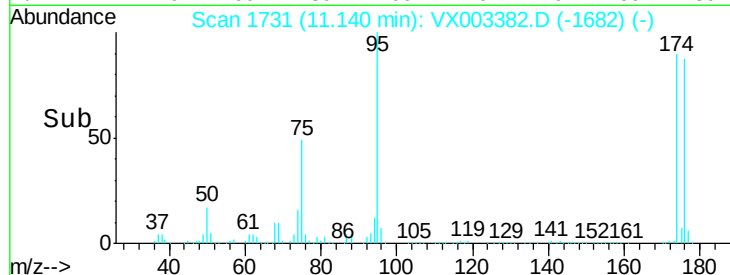
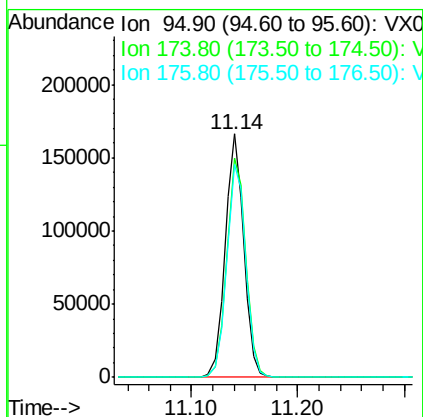
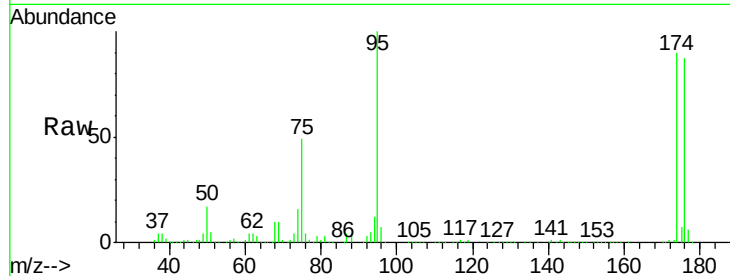




#62
4-Bromofluorobenzene
Concen: 45.51 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003382.D
Acq: 14 Jul 2018 00:40

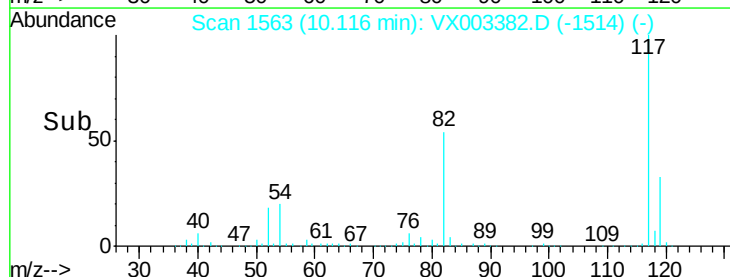
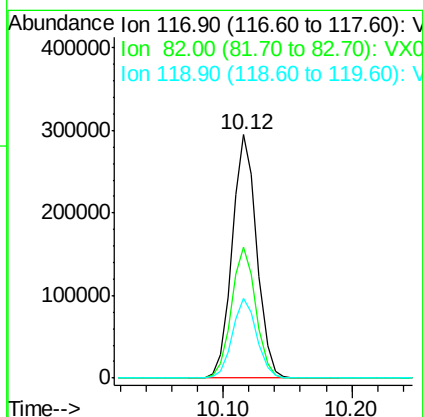
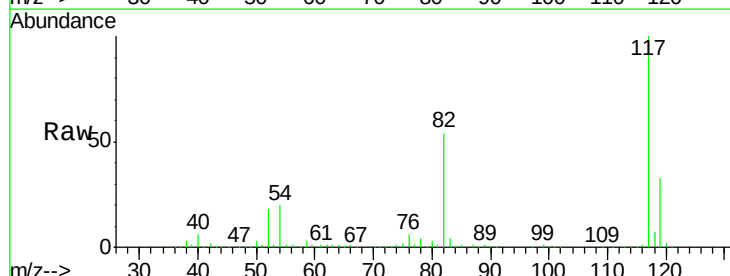
Instrument :
MSVOA_X
ClientSampleId :
DRUM-3

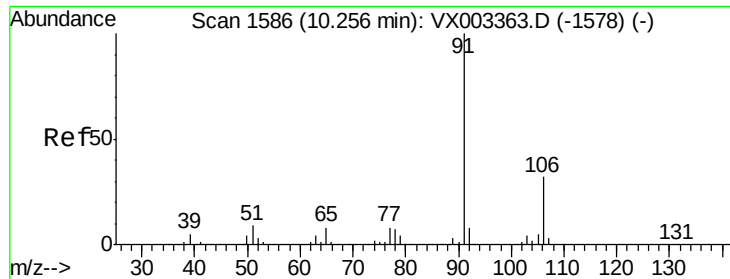
Tot Ion: 95 Resp: 202431
Ion Ratio Lower Upper
95 100
174 93.2 0.0 187.4
176 90.0 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003382.D
Acq: 14 Jul 2018 00:40

Tgt Ion: 117 Resp: 392826
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 32.5 25.8 38.6

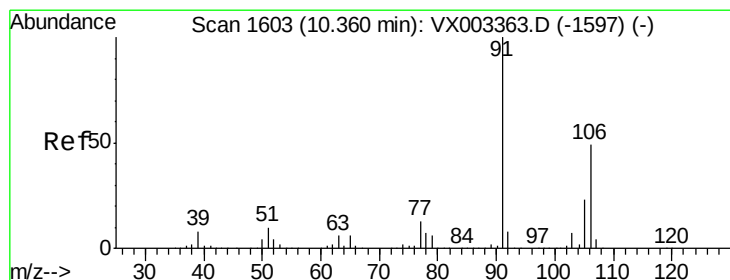
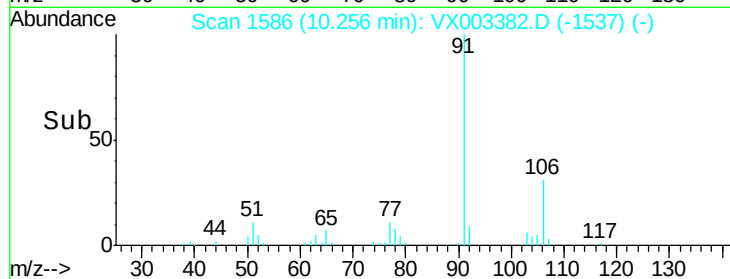
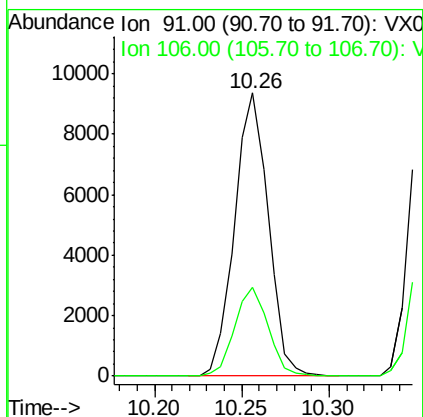
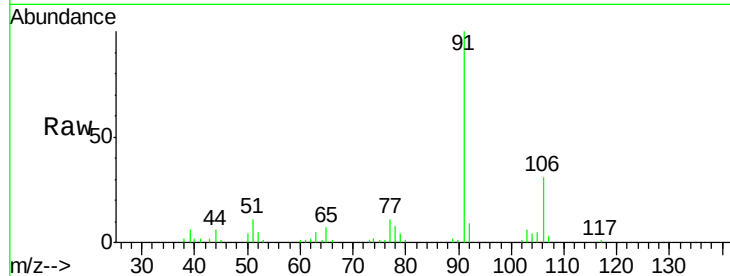




#67
Ethyl Benzene
Concen: 0.76 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003382.D
Acq: 14 Jul 2018 00:40

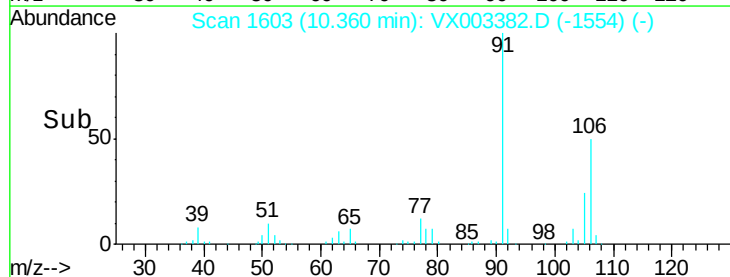
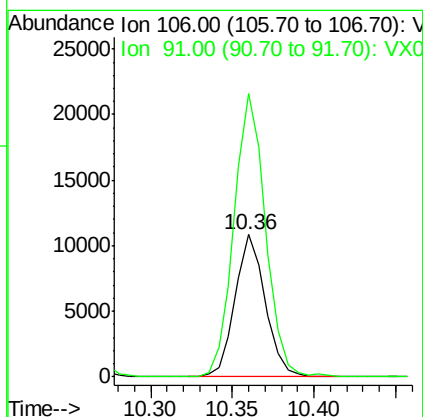
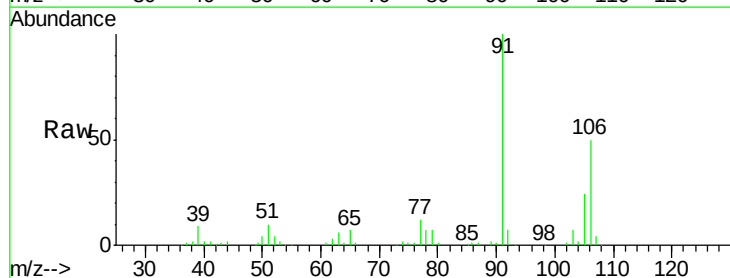
Instrument :
MSVOA_X
ClientSampled :
DRUM-3

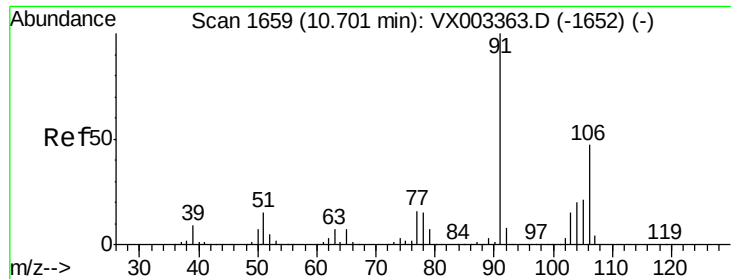
Tot Ion: 91 Resp: 12531
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3



#68
m/p-Xylenes
Concen: 2.21 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003382.D
Acq: 14 Jul 2018 00:40

Tgt Ion: 106 Resp: 13995
Ion Ratio Lower Upper
106 100
91 207.3 163.4 245.2

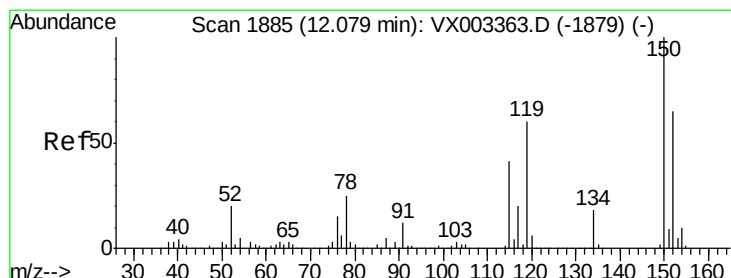
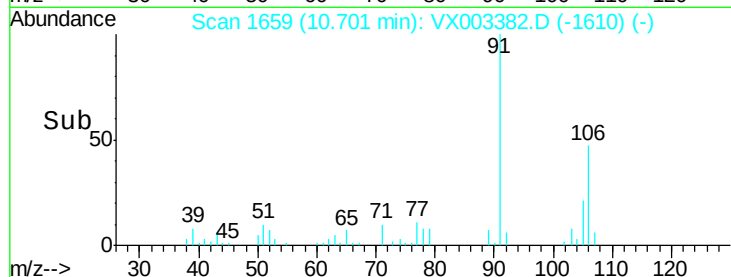
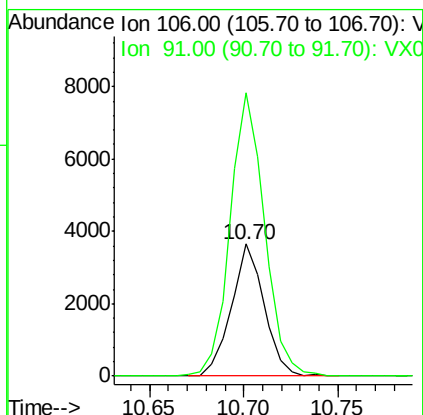
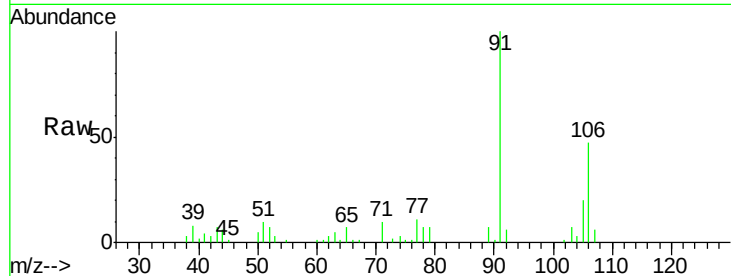




#69
o-Xylene
Concen: 0.71 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003382.D
Acq: 14 Jul 2018 00:40

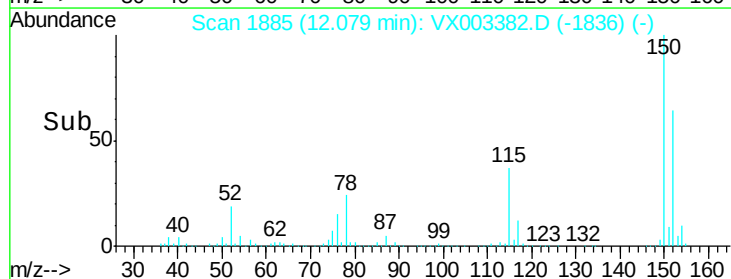
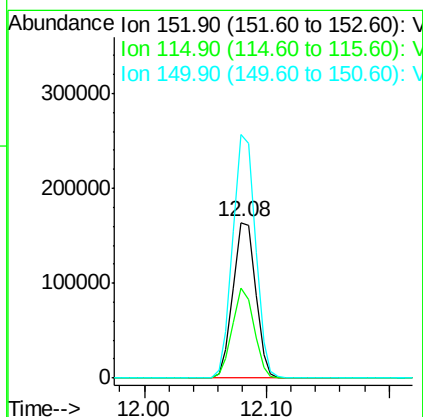
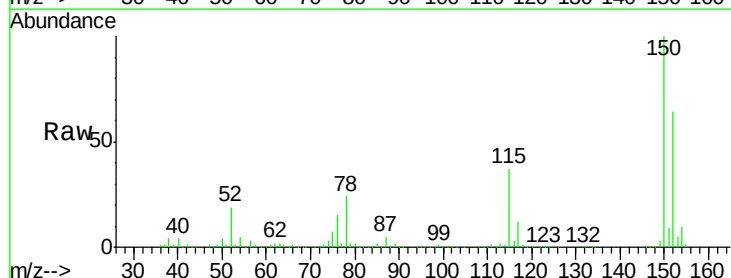
Instrument :
MSVOA_X
ClientSampled :
DRUM-3

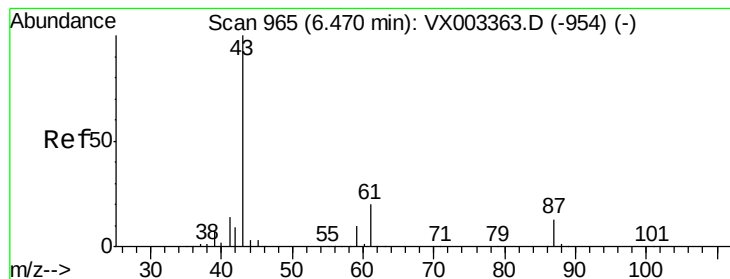
Tot Ion:106 Resp: 4398
Ion Ratio Lower Upper
106 100
91 225.0 108.2 324.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003382.D
Acq: 14 Jul 2018 00:40

Tgt Ion:152 Resp: 210321
Ion Ratio Lower Upper
152 100
115 55.0 40.1 120.2
150 156.2 0.0 347.2





#74

N-amyl acetate

Concen: 17.44 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003382.D

Acq: 14 Jul 2018 00:40

Instrument :

MSVOA_X

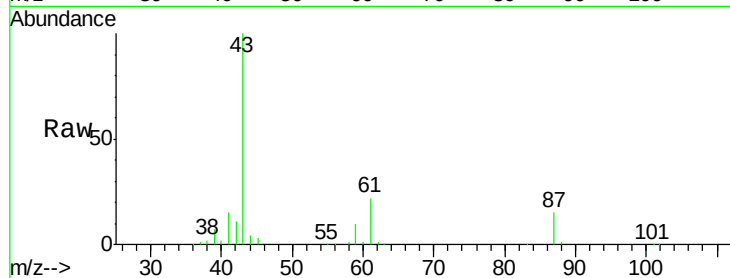
ClientSampleId :

DRUM-3

Tot Ion: 43 Resp: 117578

Ion Ratio Lower Upper

43	100		
70	0.0	0.0	0.0
55	0.1	0.0	0.0#
61	20.8	14.4	21.6

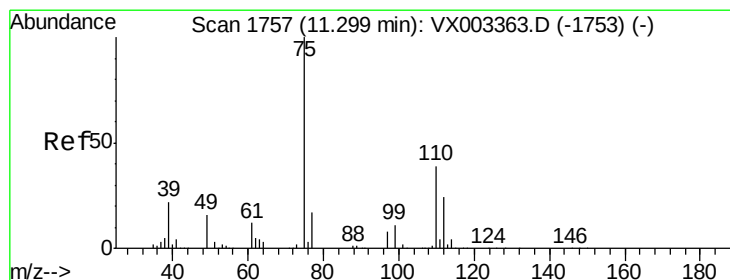
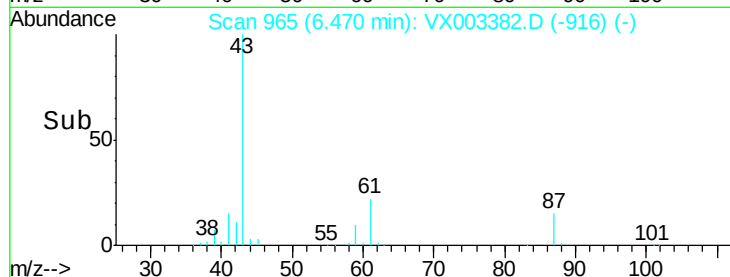
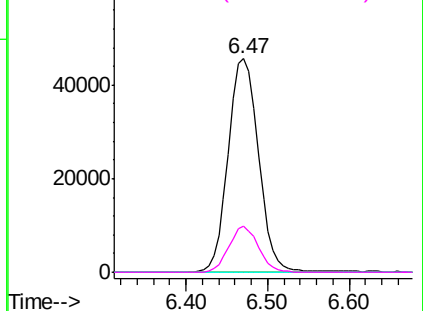


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 23.81 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

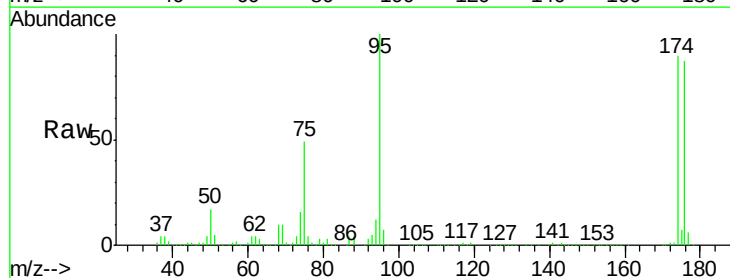
Lab File: VX003382.D

Acq: 14 Jul 2018 00:40

Tgt Ion: 75 Resp: 98927

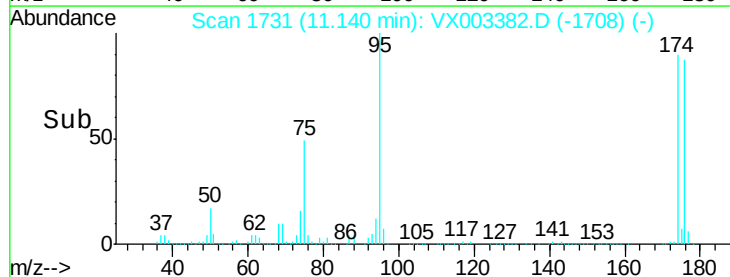
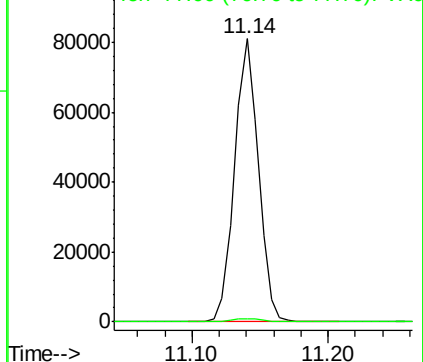
Ion Ratio Lower Upper

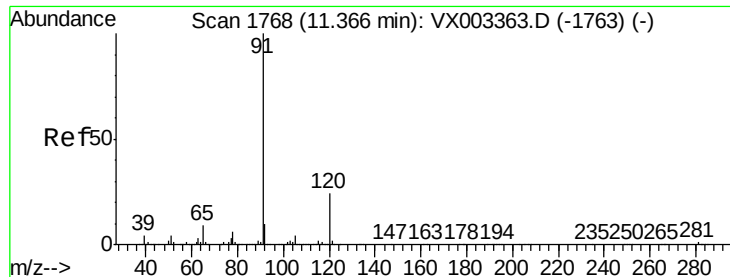
75	100		
77	1.3	22.8	68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.52 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003382.D

Acq: 14 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

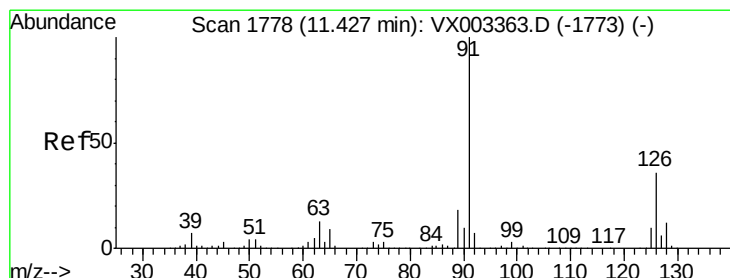
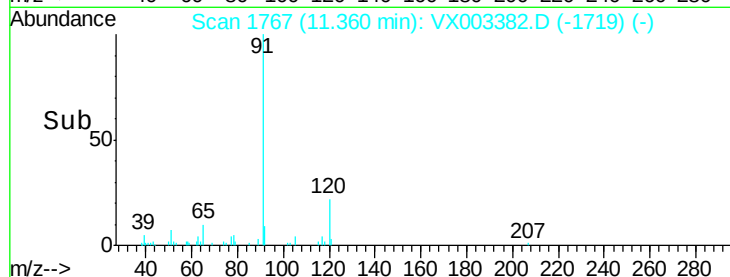
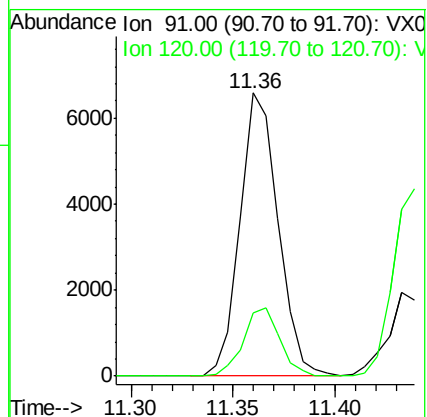
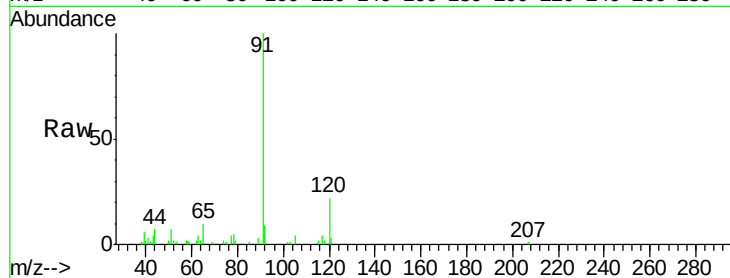
DRUM-3

Tot Ion: 91 Resp: 8542

Ion Ratio Lower Upper

91 100

120 23.0 11.8 35.4



#79

2-Chlorotoluene

Concen: 0.37 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX003382.D

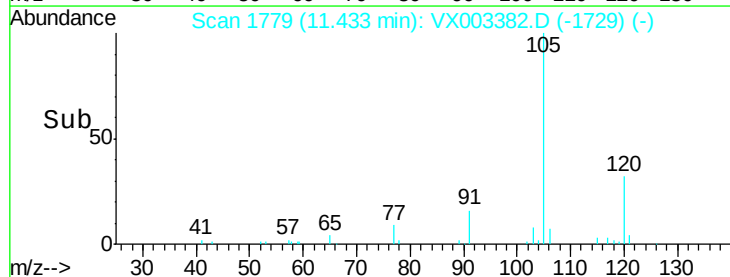
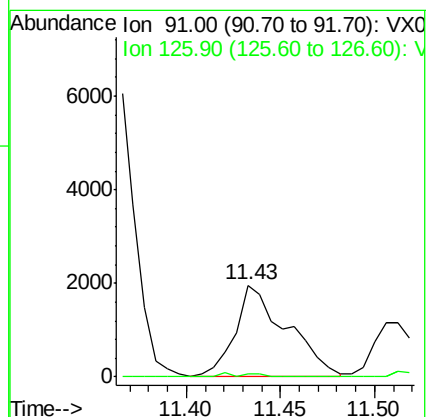
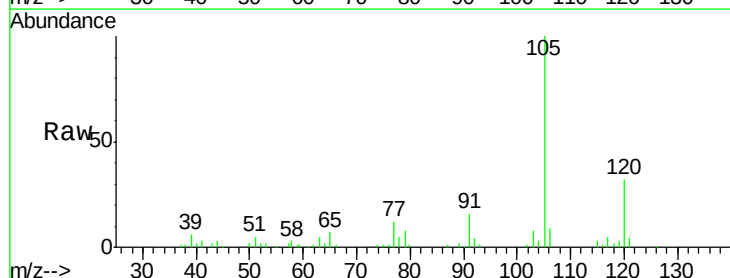
Acq: 14 Jul 2018 00:40

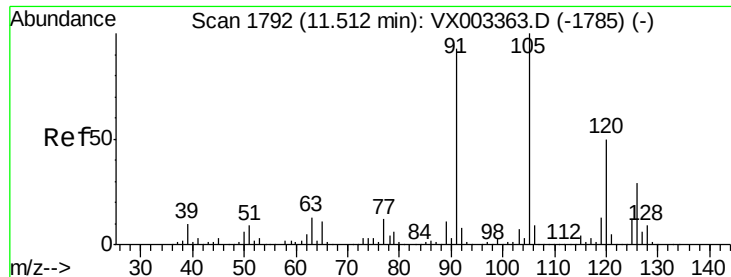
Tgt Ion: 91 Resp: 3728

Ion Ratio Lower Upper

91 100

126 1.2 17.7 53.1#

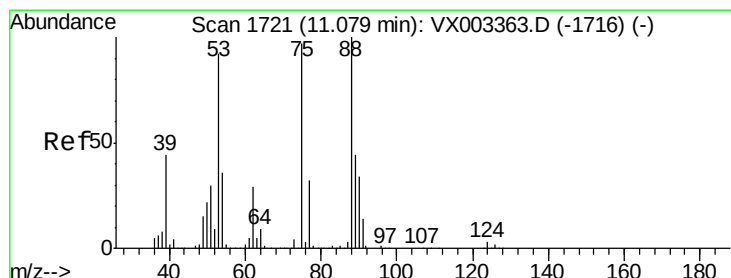
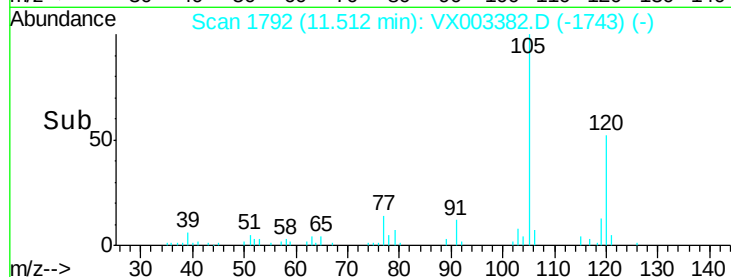
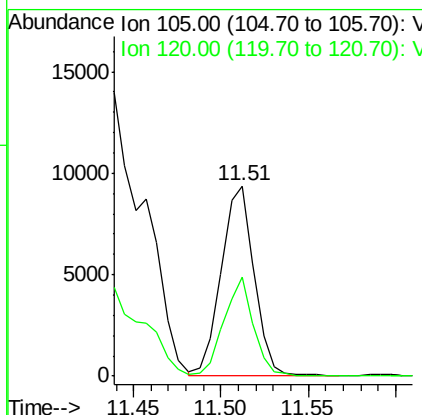
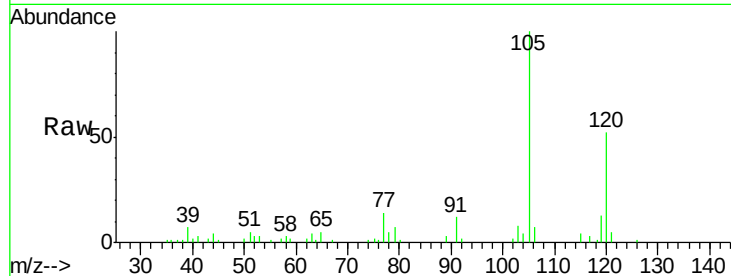




#80
 1,3,5-Trimethylbenzene
 Concen: 1.02 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003382.D
 Acq: 14 Jul 2018 00:40

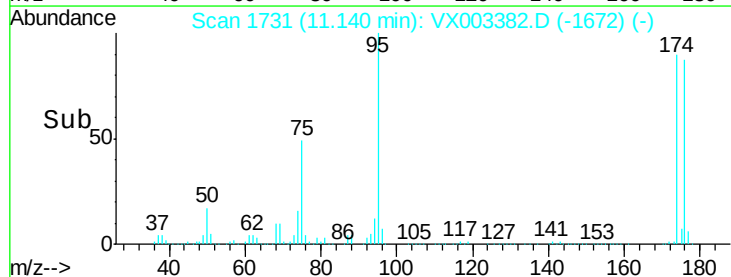
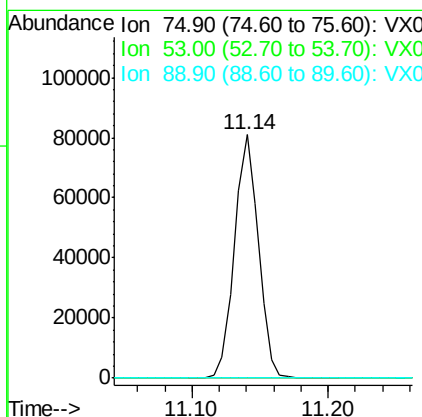
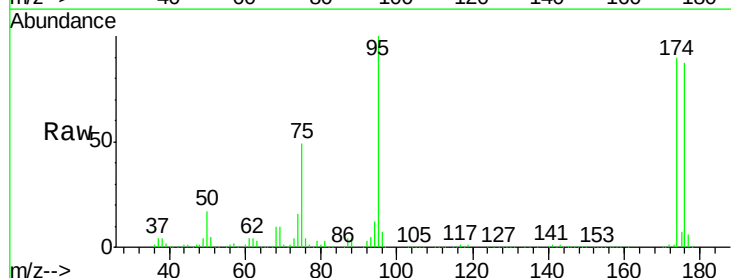
Instrument :
 MSVOA_X
 ClientSampled :
 DRUM-3

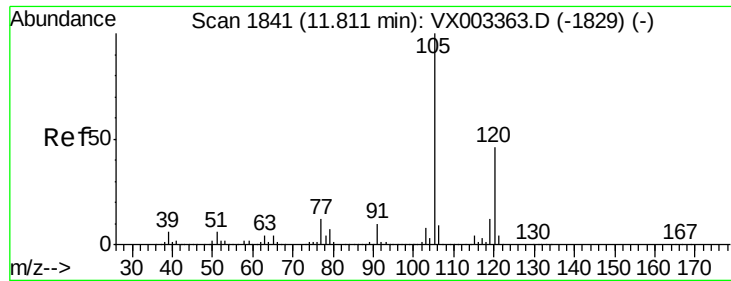
Tot Ion:105 Resp: 12329
 Ion Ratio Lower Upper
 105 100
 120 46.6 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.38 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003382.D
 Acq: 14 Jul 2018 00:40

Tgt Ion: 75 Resp: 98927
 Ion Ratio Lower Upper
 75 100
 53 0.2 86.8 130.2#
 89 0.0 38.2 57.2#

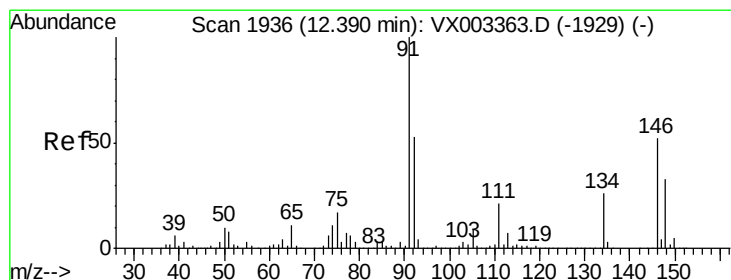
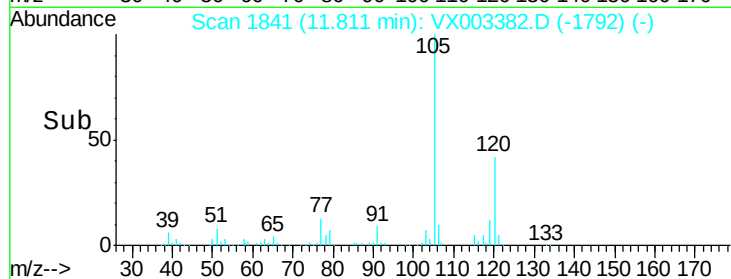
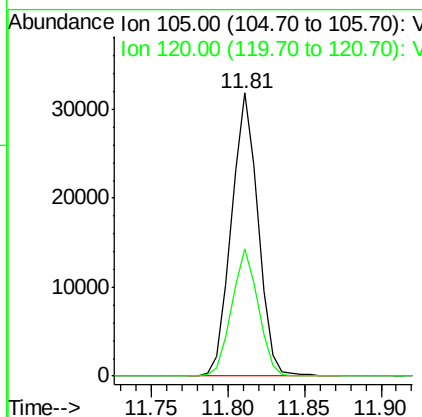
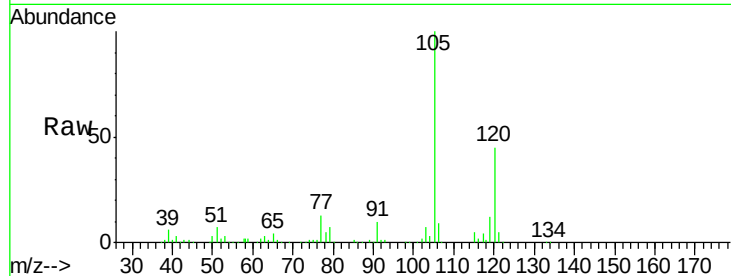




#84
 1,2,4-Trimethylbenzene
 Concen: 3.14 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003382.D
 Acq: 14 Jul 2018 00:40

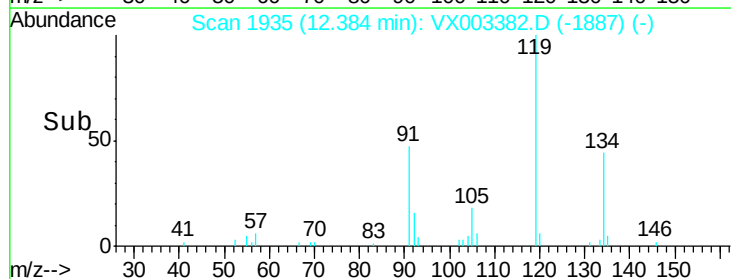
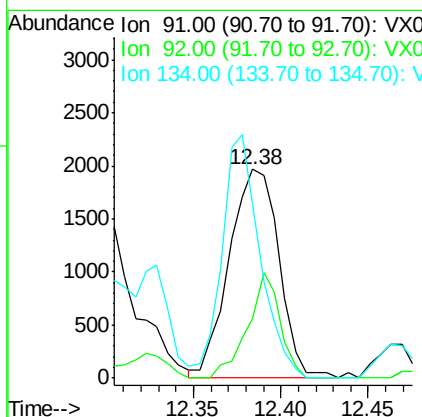
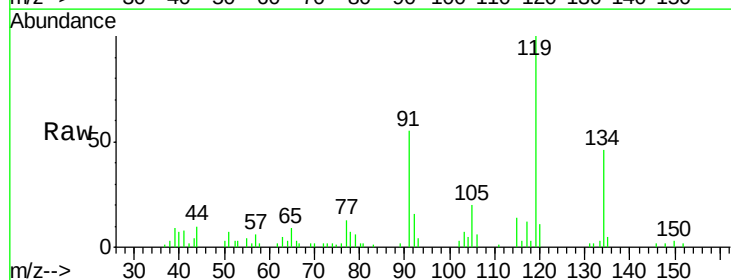
Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-3

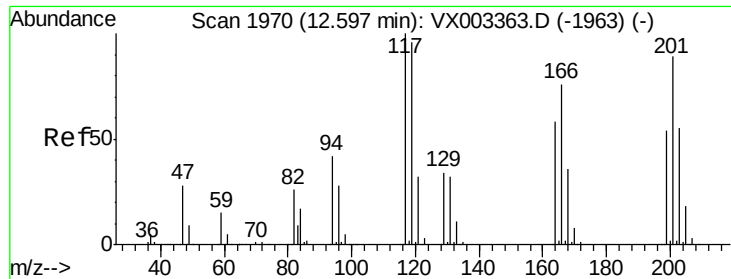
Tot Ion:105 Resp: 38438
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.3 66.8



#89
 n-Butylbenzene
 Concen: 0.36 ug/l
 RT: 12.38 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: VX003382.D
 Acq: 14 Jul 2018 00:40

Tgt Ion: 91 Resp: 3895
 Ion Ratio Lower Upper
 91 100
 92 32.8 26.0 78.0
 134 89.0 13.5 40.5#





#90

Hexachloroethane

Concen: 0.33 ug/l

RT: 12.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VX003382.D

Acq: 14 Jul 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

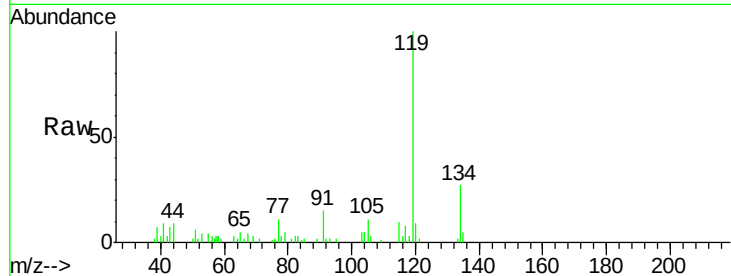
DRUM-3

Tot Ion:117 Resp: 630

Ion Ratio Lower Upper

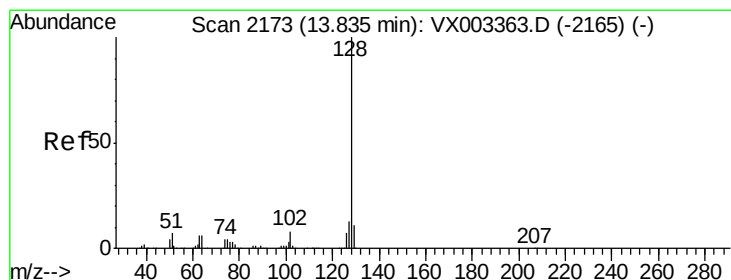
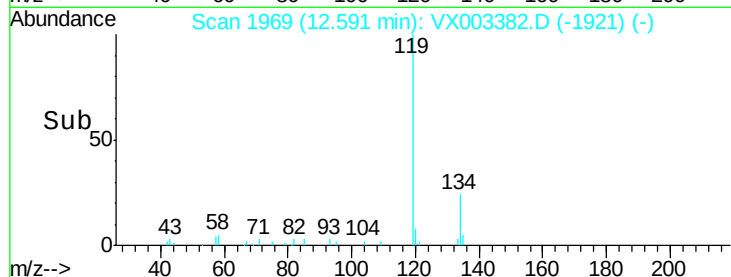
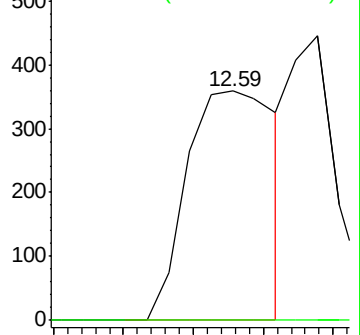
117 100

201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 1.94 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003382.D

Acq: 14 Jul 2018 00:40

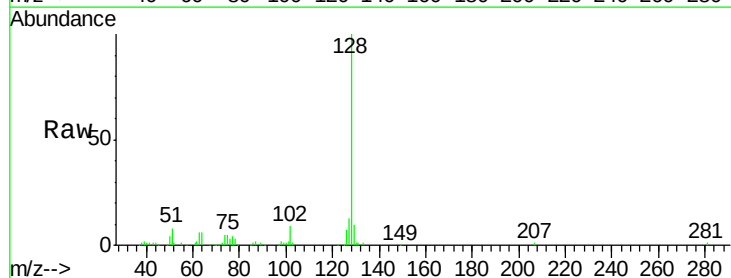
Tgt Ion:128 Resp: 28587

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.9 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

