

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101918\
 Data File : VX005455.D
 Acq On : 19 Oct 2018 13:53
 Operator : JC/MD
 Sample : J5538-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WWT1-6

Quant Time: Oct 20 04:19:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	262833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	381619	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166024	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	149244	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
35) Dibromofluoromethane	5.49	113	122078	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
50) Toluene-d8	8.72	98	453213	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
62) 4-Bromofluorobenzene	11.14	95	147185	45.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	517	0.884	ug/l #	72
6) Chloroethane	1.69	64	285	0.479	ug/l #	44
10) Methyl Iodide	2.51	142	317	2.607	ug/l #	69
11) Tert butyl alcohol	3.03	59	2908	3.534	ug/l #	79
13) Acrolein	2.29	56	255	Below Cal		91
14) Allyl chloride	2.71	41	16740	3.312	ug/l #	45
15) Acrylonitrile	3.15	53	462	0.248	ug/l #	74
16) Acetone	2.45	43	39742	23.563	ug/l	99
18) Methyl Acetate	2.78	43	10512	2.191	ug/l	100
20) Methylene Chloride	2.86	84	69426	27.666	ug/l	98
25) 2-Butanone	4.71	43	9826	3.982	ug/l	97
29) Tetrahydrofuran	5.17	42	2603	1.654	ug/l	95
30) Chloroform	5.22	83	1880	0.416	ug/l	88
31) Cyclohexane	5.66	56	4385	1.094	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	17081	4.622	ug/l #	46
37) Ethyl Acetate	4.71	43	9826	2.067	ug/l #	67
38) Carbon Tetrachloride	5.67	117	22397	6.031	ug/l #	16
43) Isopropyl Acetate	6.46	43	150526	23.774	ug/l	96
44) Trichloroethene	7.21	130	257	Below Cal		74
47) Bromodichloromethane	7.90	83	695	0.209	ug/l #	74
48) Methyl methacrylate	7.69	41	7090	2.159	ug/l #	20
51) 4-Methyl-2-Pentanone	8.65	43	2425	0.553	ug/l #	77
52) Toluene	8.79	92	4196	0.692	ug/l	97
54) cis-1,3-Dichloropropene	8.62	75	944	0.242	ug/l #	67
56) Ethyl methacrylate	9.10	69	2123	0.567	ug/l #	68
59) 2-Hexanone	9.54	43	8444	2.394	ug/l #	56
67) Ethyl Benzene	10.26	91	3811	0.324	ug/l	94
68) m/p-Xylenes	10.36	106	4711	1.033	ug/l	98
69) o-Xylene	10.70	106	1705	0.388	ug/l	91
76) 1,2,3-Trichloropropane	11.14	75	72416	22.487	ug/l #	37
79) 2-Chlorotoluene	11.42	91	1530	0.220	ug/l	80
80) 1,3,5-Trimethylbenzene	11.51	105	2703	0.320	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	72416	68.325	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	7748	0.891	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

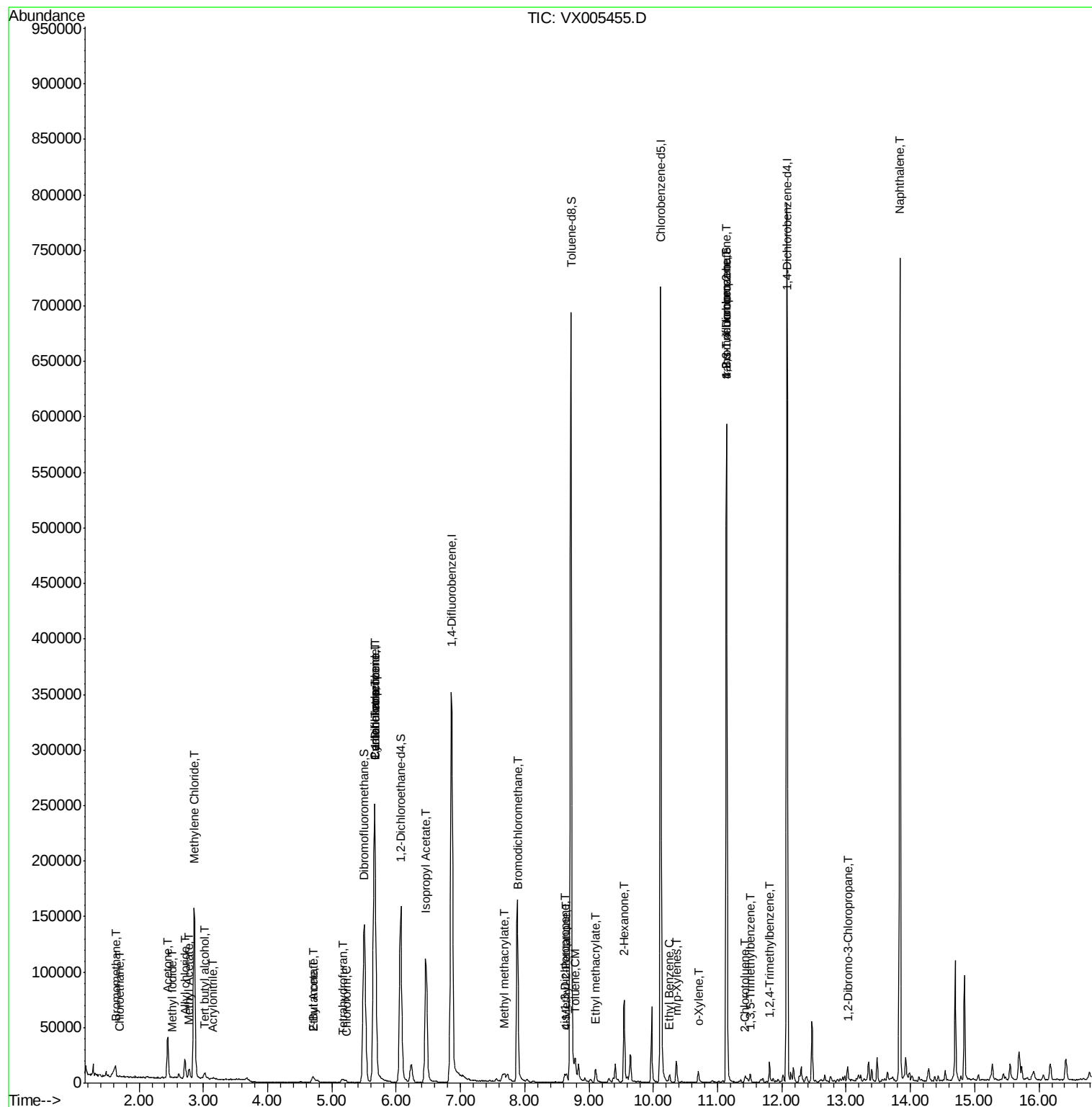
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	13.02	75	215	0.237	ug/l	# 1
95) Naphthalene	13.83	128	451348	39.420	ug/l	99

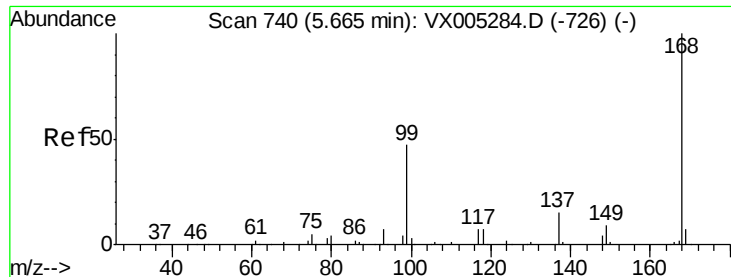
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005455.D

Acq: 19 Oct 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

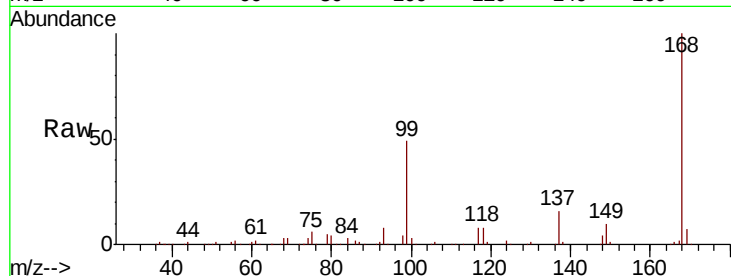
WWT1-6

Tot Ion:168 Resp: 262833

Ion Ratio Lower Upper

168 100

99 49.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

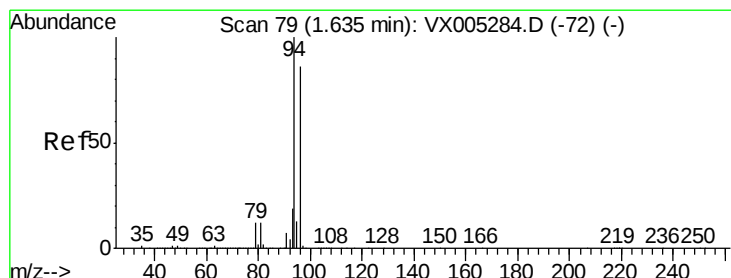
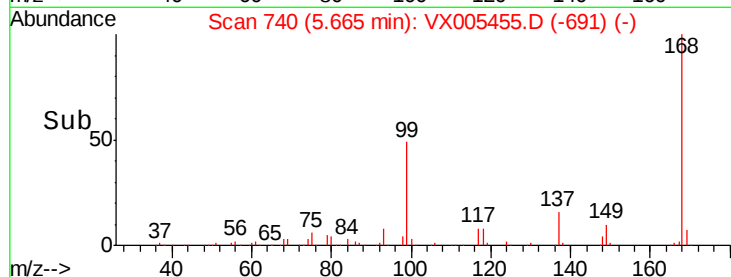
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.884 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005455.D

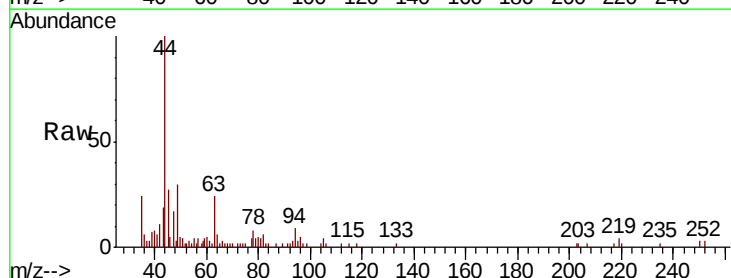
Acq: 19 Oct 2018 13:53

Tgt Ion: 94 Resp: 517

Ion Ratio Lower Upper

94 100

96 66.0 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

300

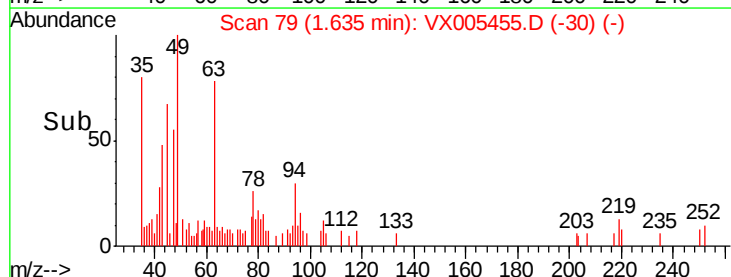
200

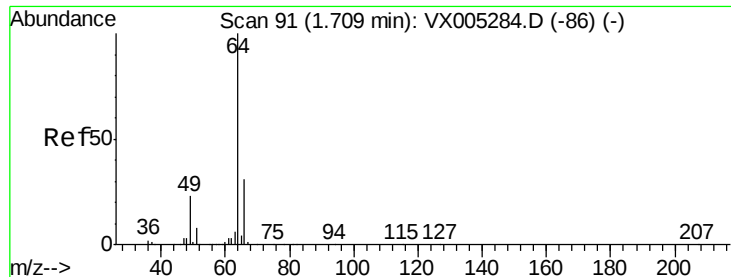
100

0

Time-->

1.60 1.65





#6

Chloroethane

Concen: 0.479 ug/l

RT: 1.69 min Scan# 88

Delta R.T. -0.02 min

Lab File: VX005455.D

Acq: 19 Oct 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

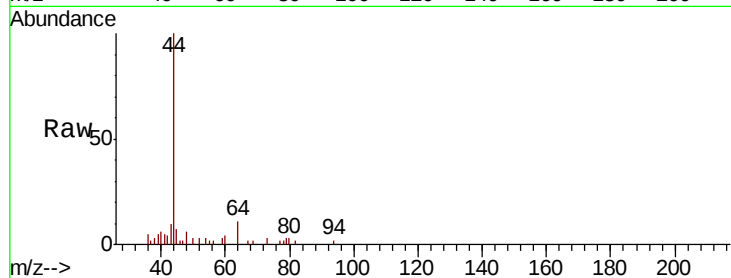
WWT1-6

Tot Ion: 64 Resp: 285

Ion Ratio Lower Upper

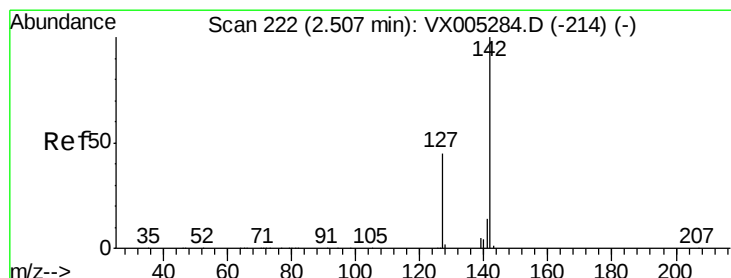
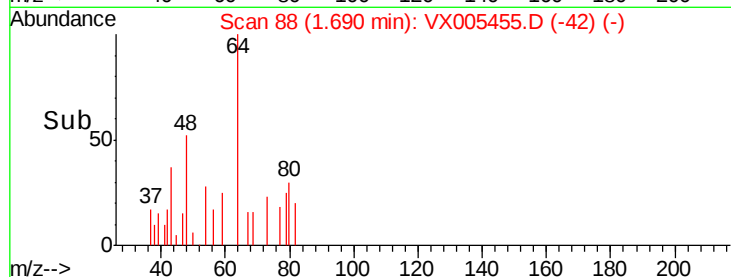
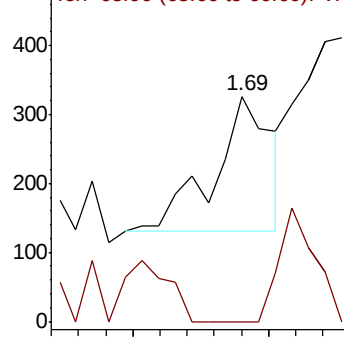
64 100

66 0.0 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 2.607 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005455.D

Acq: 19 Oct 2018 13:53

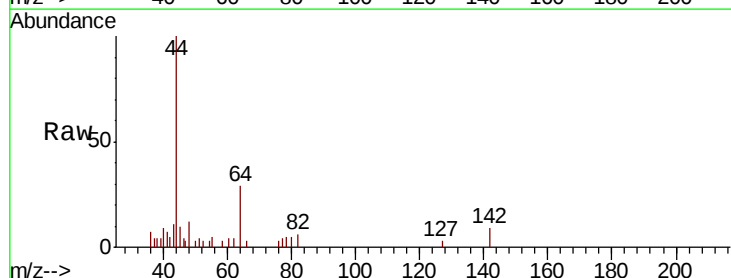
Tgt Ion: 142 Resp: 317

Ion Ratio Lower Upper

142 100

127 23.3 33.8 50.6#

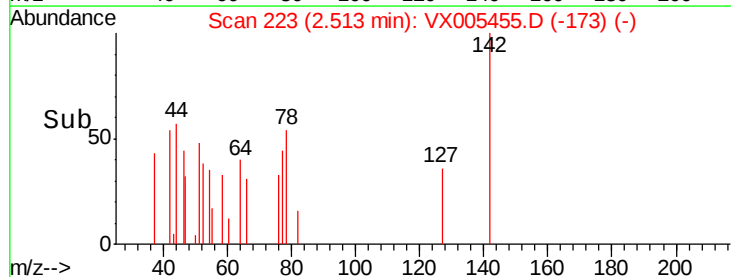
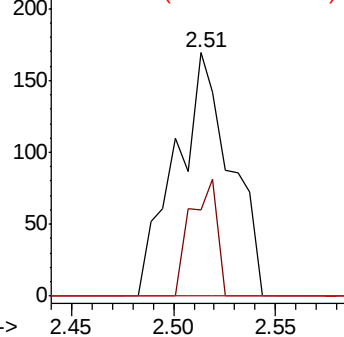
141 0.0 11.4 17.0#

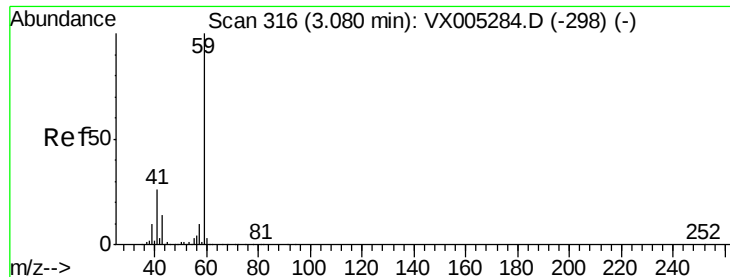


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

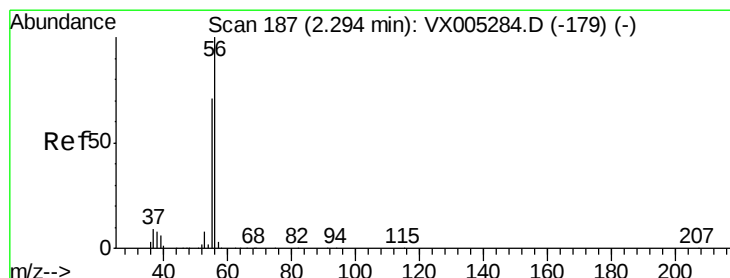
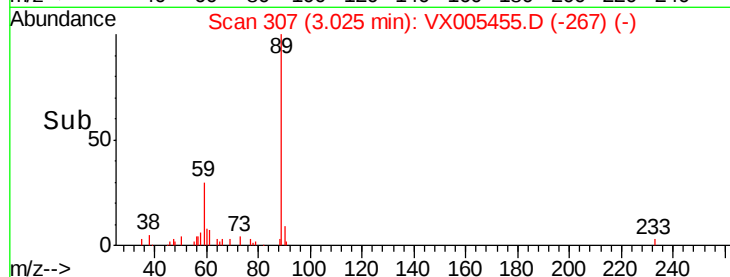
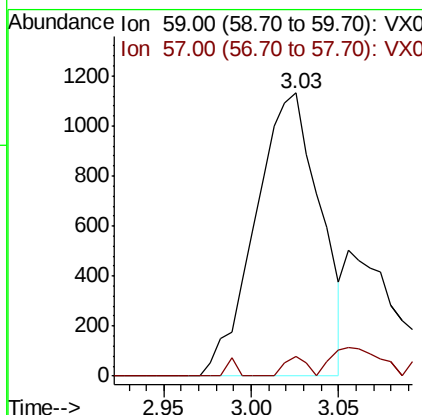
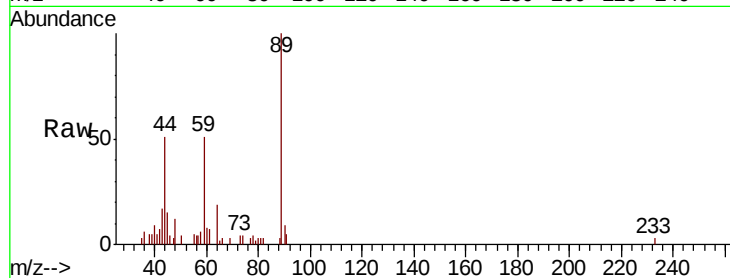




#11
Tert butvl alcohol
Concen: 3.534 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.06 min
Lab File: VX005455.D
Acq: 19 Oct 2018 13:53

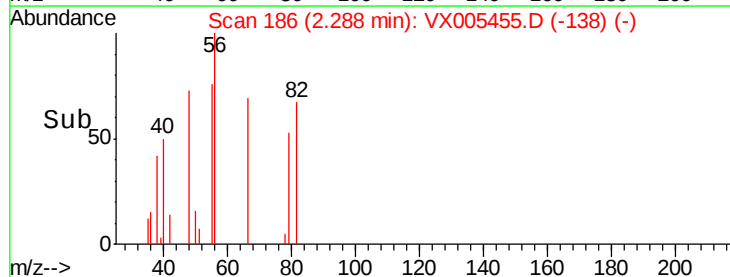
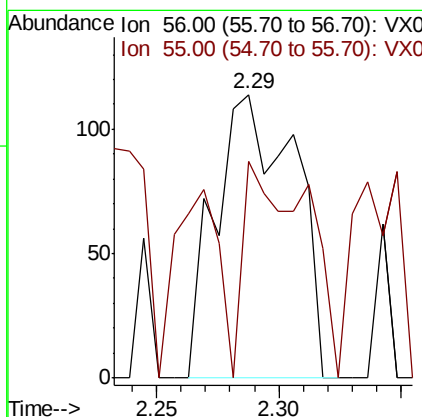
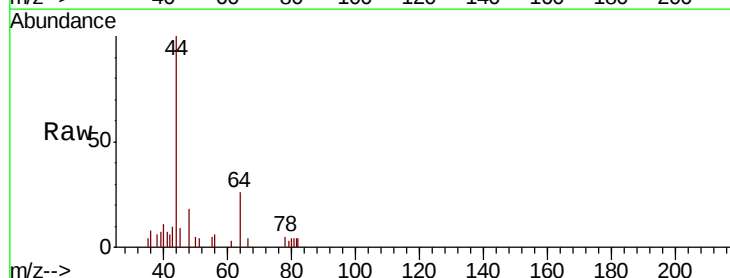
Instrument :
MSVOA_X
ClientSampleId :
WWT1-6

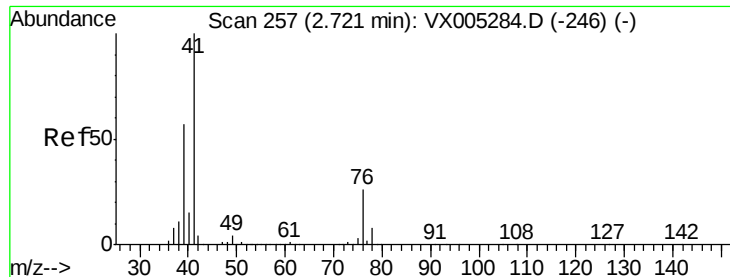
Tot Ion: 59 Resp: 2908
Ion Ratio Lower Upper
59 100
57 2.3 8.2 12.4#



#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX005455.D
Acq: 19 Oct 2018 13:53

Tgt Ion: 56 Resp: 255
Ion Ratio Lower Upper
56 100
55 60.8 54.7 82.1





#14

Allvl chloride

Concen: 3.312 ug/l

RT: 2.71 min Scan# 256

Delta R.T. -0.01 min

Lab File: VX005455.D

Acq: 19 Oct 2018 13:53

Instrument :

MSVOA_X

ClientSampled :

WWT1-6

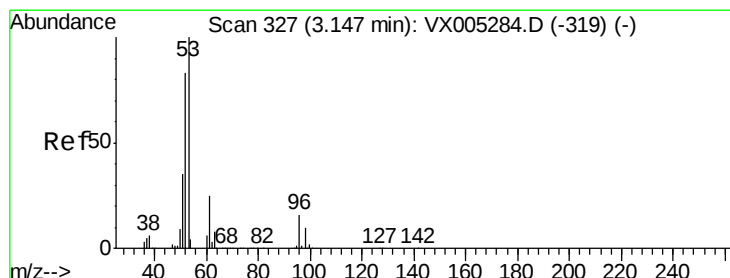
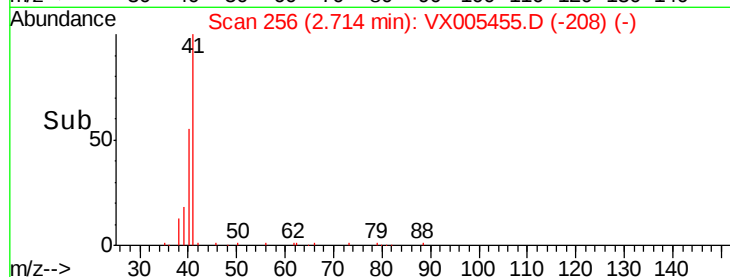
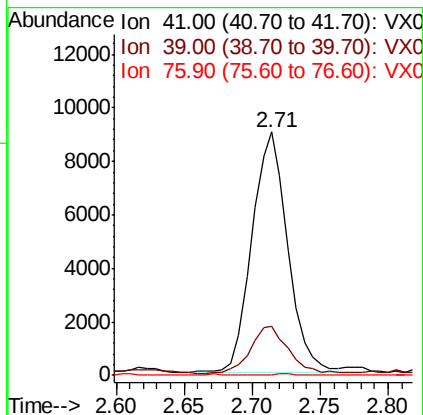
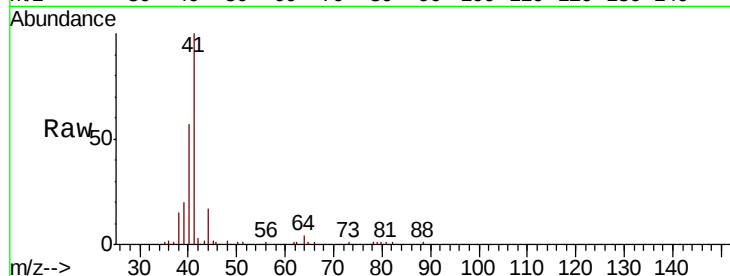
Tot Ion: 41 Resp: 16740

Ion Ratio Lower Upper

41 100

39 20.3 48.9 73.3#

76 0.3 26.7 40.1#



#15

Acrylonitrile

Concen: 0.248 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005455.D

Acq: 19 Oct 2018 13:53

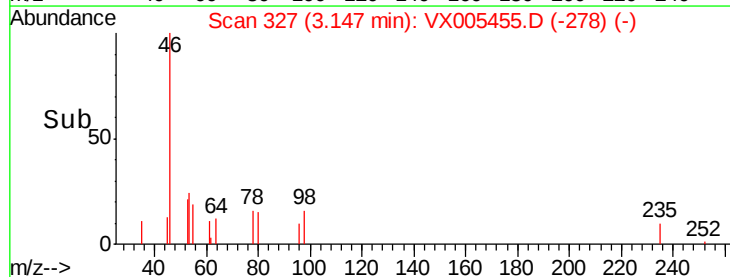
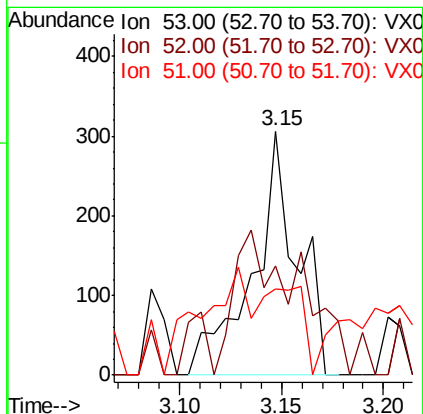
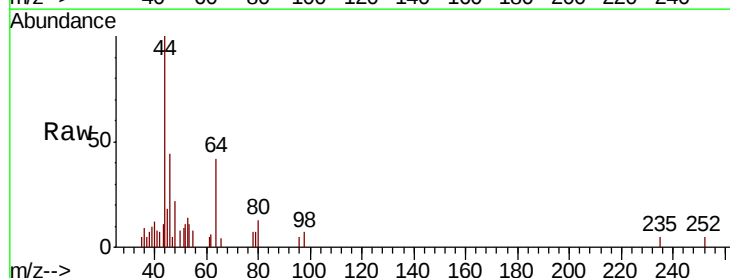
Tgt Ion: 53 Resp: 462

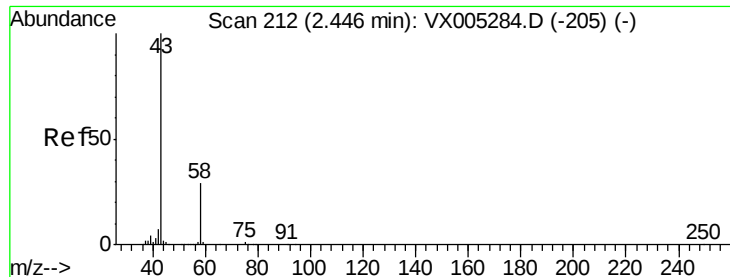
Ion Ratio Lower Upper

53 100

52 91.8 65.2 97.8

51 0.0 28.2 42.2#





#16

Acetone

Concen: 23.563 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005455.D

Acq: 19 Oct 2018 13:53

Instrument :

MSVOA_X

ClientSampled :

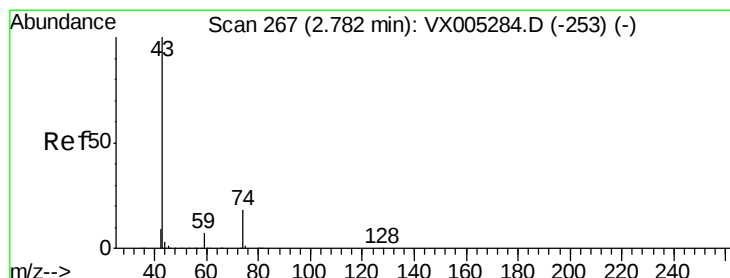
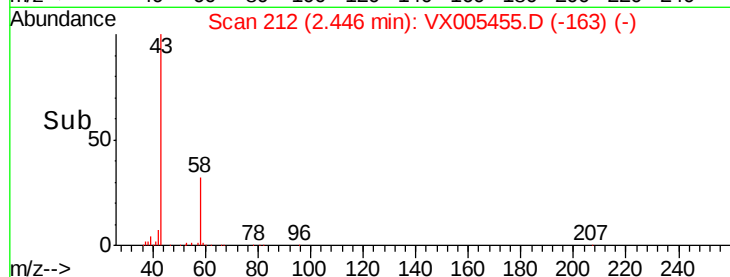
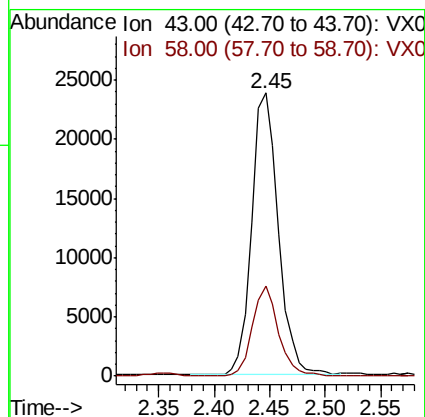
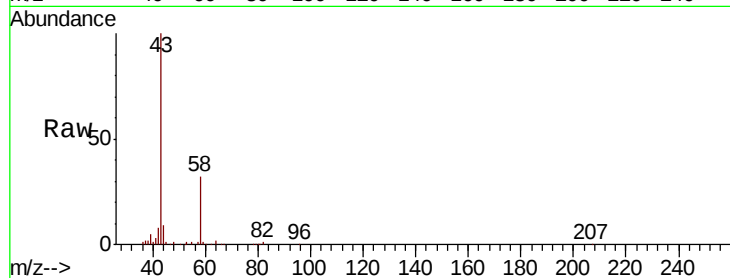
WWT1-6

Tot Ion: 43 Resp: 39742

Ion Ratio Lower Upper

43 100

58 32.2 26.2 39.4



#18

Methyl Acetate

Concen: 2.191 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX005455.D

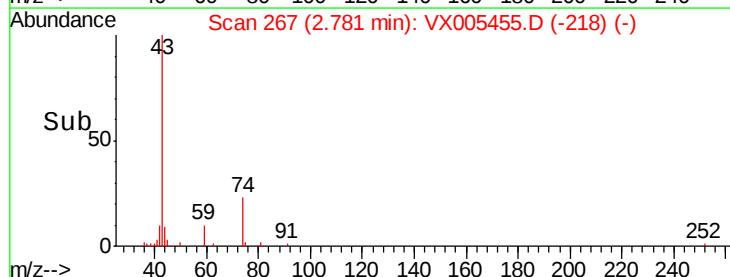
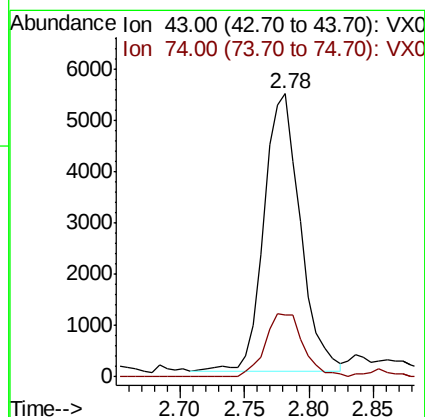
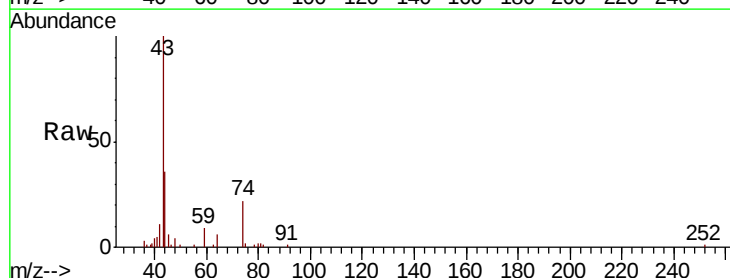
Acq: 19 Oct 2018 13:53

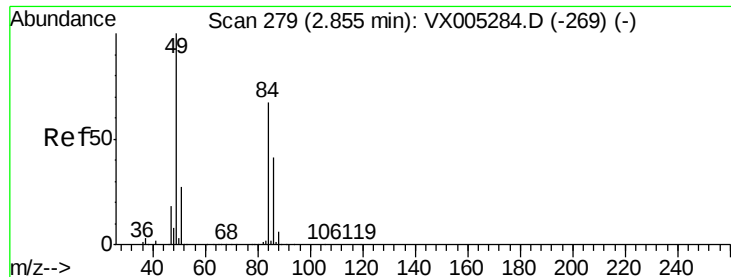
Tgt Ion: 43 Resp: 10512

Ion Ratio Lower Upper

43 100

74 24.1 19.4 29.2

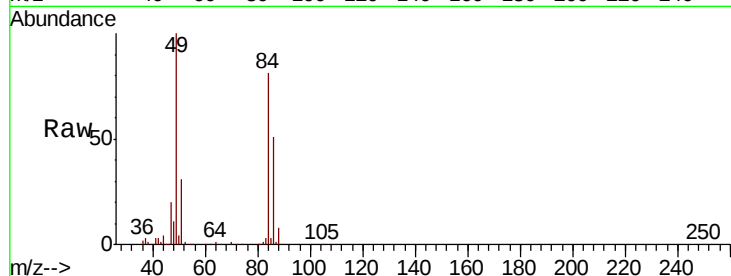




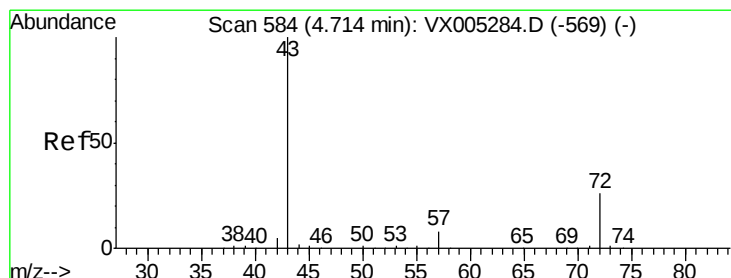
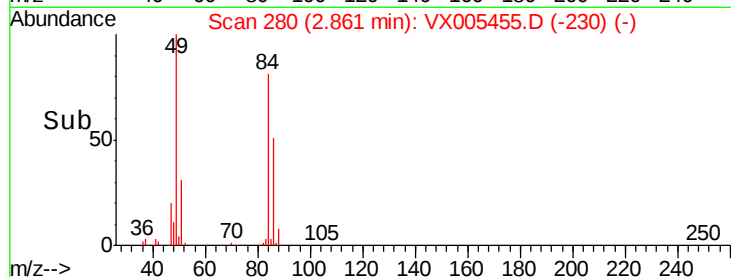
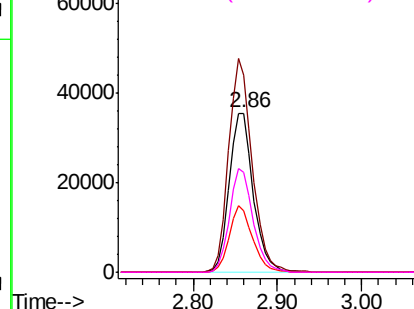
#20
Methvlene Chloride
Concen: 27.666 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005455.D
Acq: 19 Oct 2018 13:53

Instrument :
MSVOA_X
ClientSampleId :
WWT1-6

Tot Ion: 84 Resp: 69426
Ion Ratio Lower Upper
84 100
49 124.1 101.2 151.8
51 38.4 29.5 44.3
86 63.0 52.3 78.5

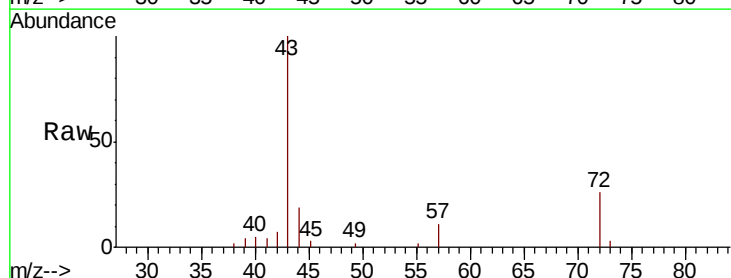


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

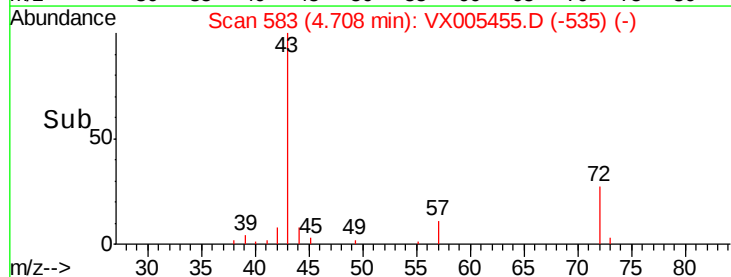
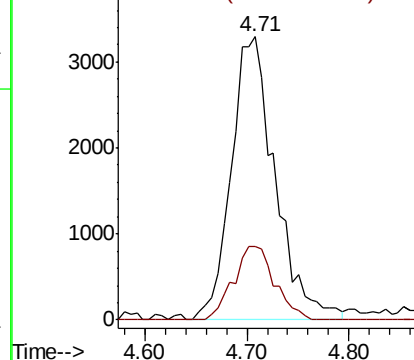


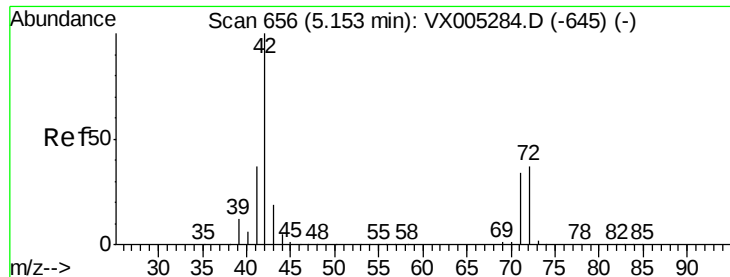
#25
2-Butanone
Concen: 3.982 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.01 min
Lab File: VX005455.D
Acq: 19 Oct 2018 13:53

Tgt Ion: 43 Resp: 9826
Ion Ratio Lower Upper
43 100
72 26.0 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 1.654 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.02 min

Lab File: VX005455.D

Acq: 19 Oct 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

WWT1-6

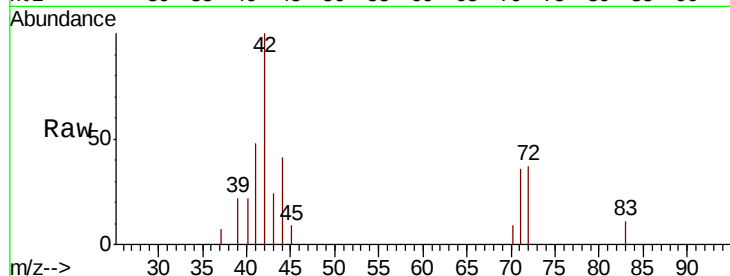
Tot Ion: 42 Resp: 2603

Ion Ratio Lower Upper

42 100

72 41.1 37.4 56.0

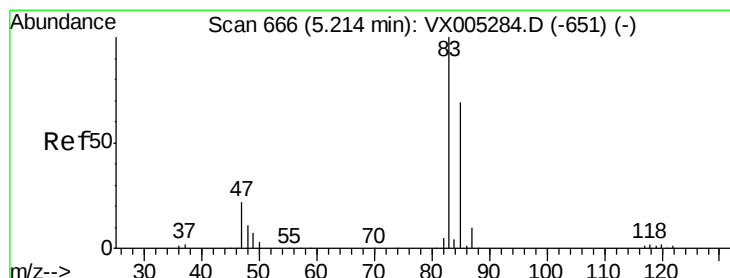
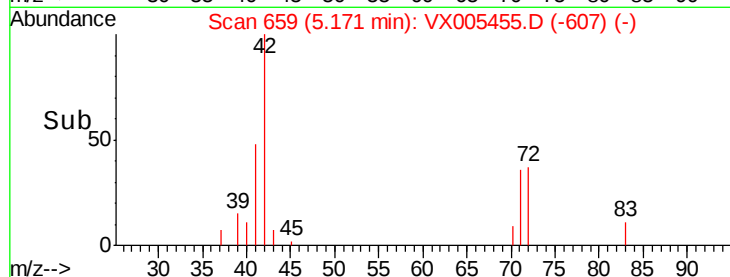
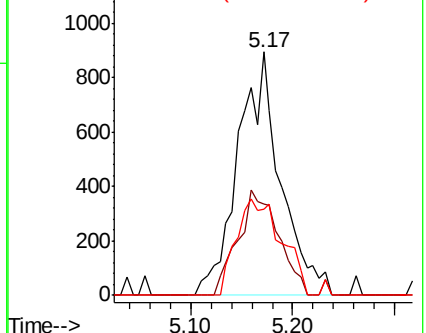
71 41.8 34.5 51.7



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



#30

Chloroform

Concen: 0.416 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX005455.D

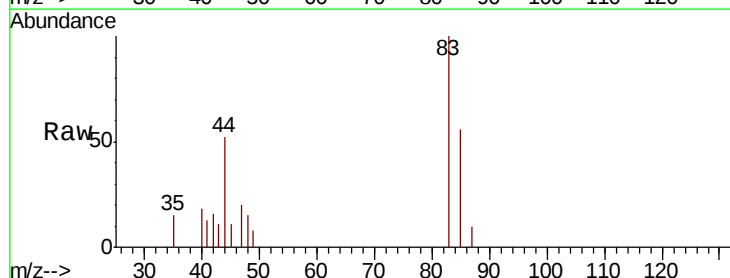
Acq: 19 Oct 2018 13:53

Tgt Ion: 83 Resp: 1880

Ion Ratio Lower Upper

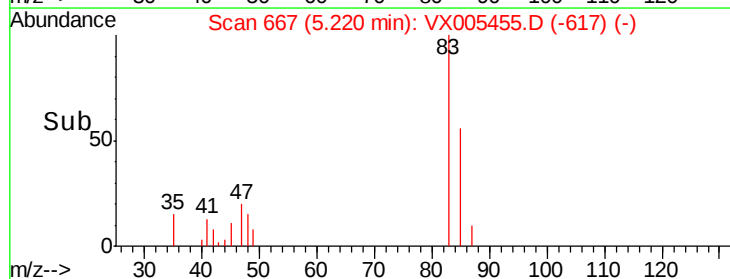
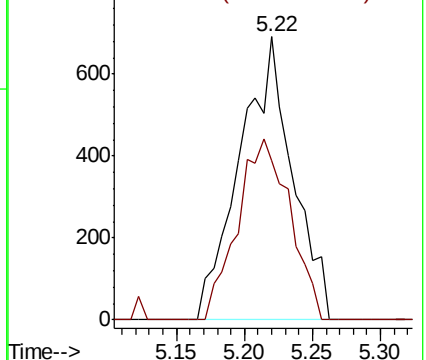
83 100

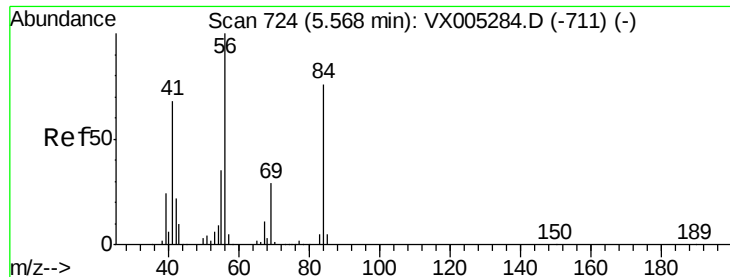
85 56.4 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

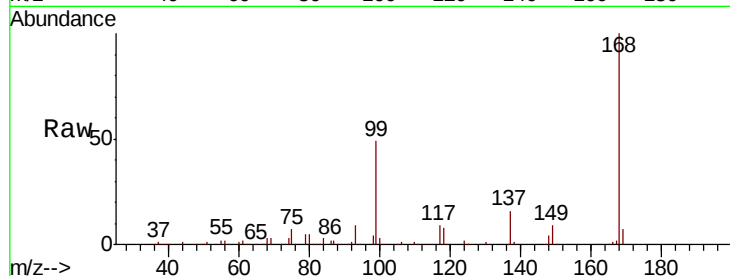




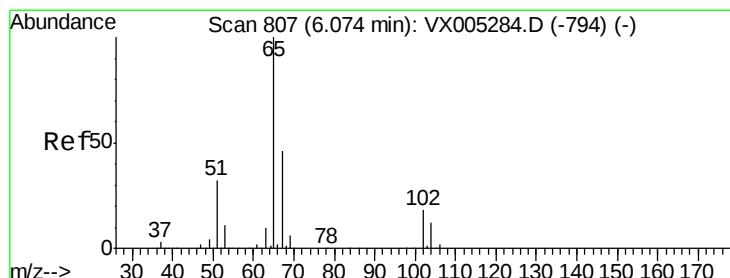
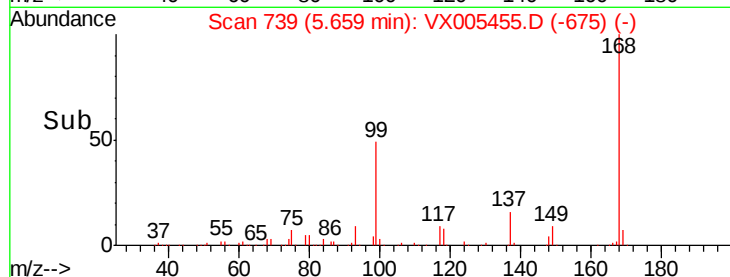
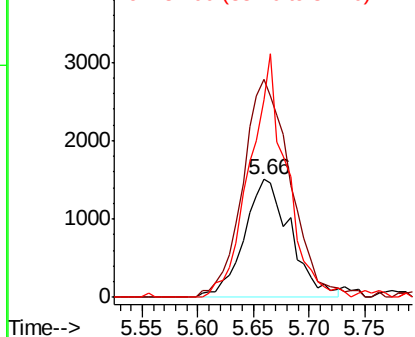
#31
Cyclohexane
Concen: 1.094 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005455.D
Acq: 19 Oct 2018 13:53

Instrument :
MSVOA_X
ClientSampled :
WWT1-6

Tot Ion: 56 Resp: 4385
Ion Ratio Lower Upper
56 100
69 185.2 25.4 38.2#
84 167.7 71.4 107.2#

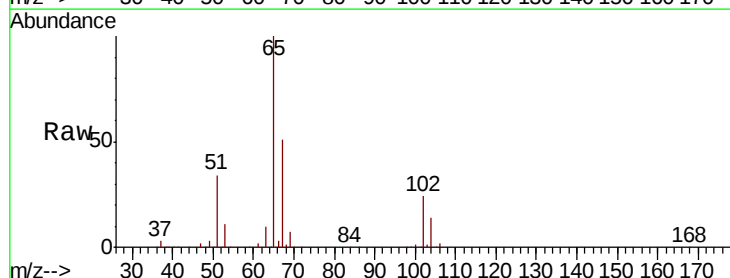


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

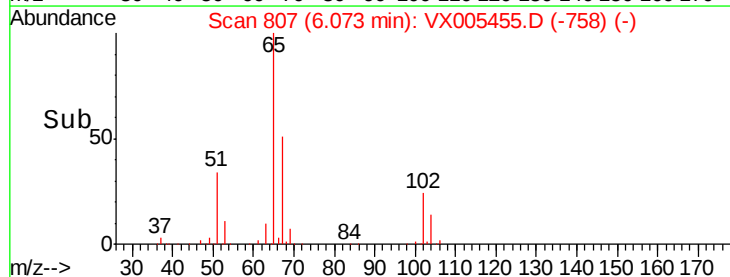
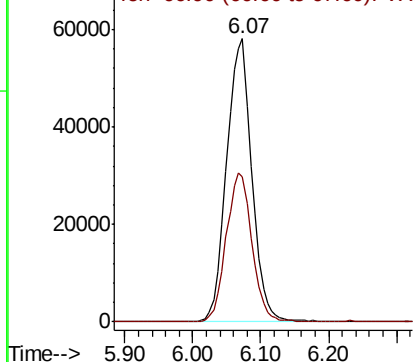


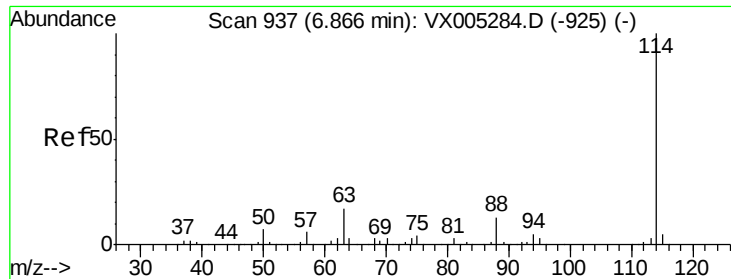
#33
1,2-Dichloroethane-d4
Concen: 51.163 ug/l
RT: 6.07 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX005455.D
Acq: 19 Oct 2018 13:53

Tgt Ion: 65 Resp: 149244
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

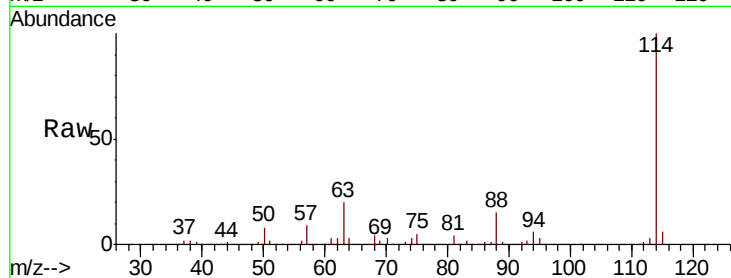




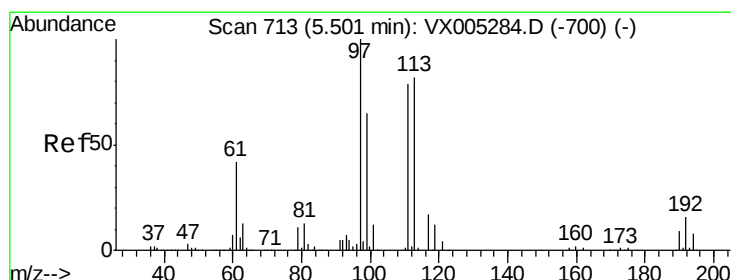
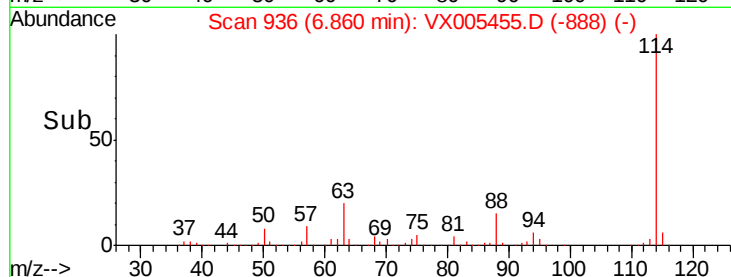
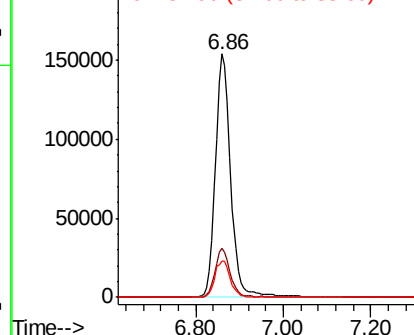
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.01 min
Lab File: VX005455.D
Acq: 19 Oct 2018 13:53

Instrument :
MSVOA_X
ClientSampleId :
WWT1-6

Tot Ion:114 Resp: 381619
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.0
88 15.1 0.0 30.4

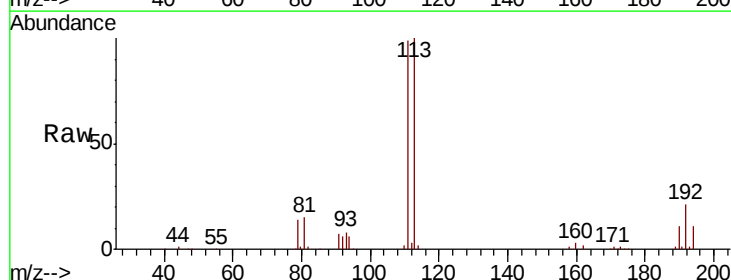


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

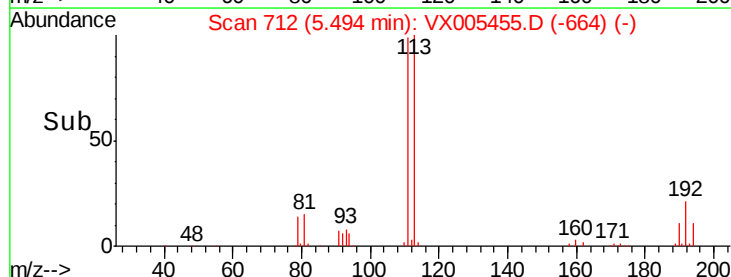
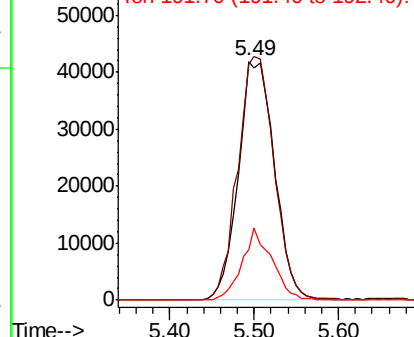


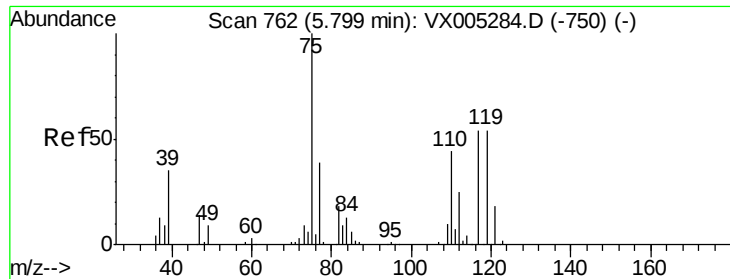
#35
Dibromofluoromethane
Concen: 48.299 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX005455.D
Acq: 19 Oct 2018 13:53

Tgt Ion:113 Resp: 122078
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 24.7 19.4 29.2



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

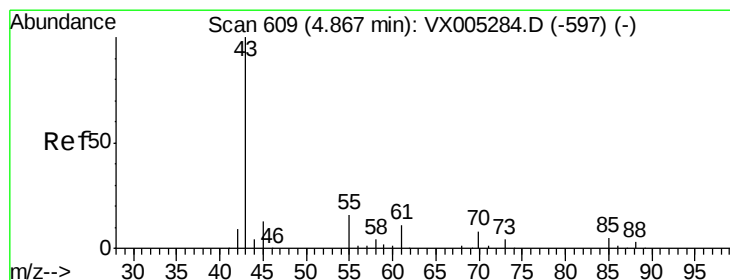
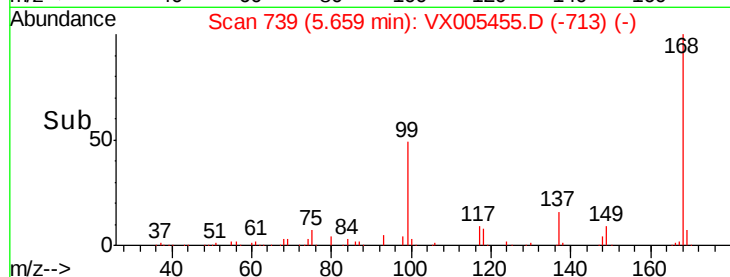
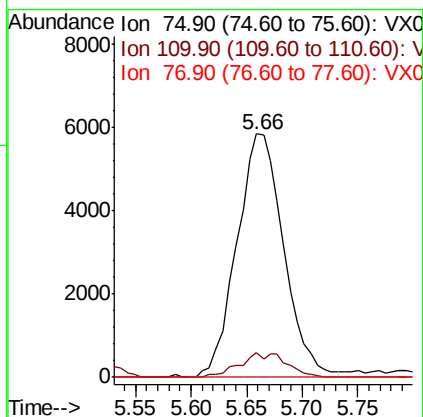
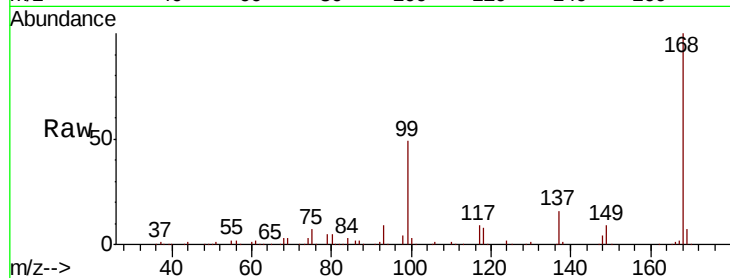




#36
 1,1-Dichloropropene
 Concen: 4.622 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX005455.D
 Acq: 19 Oct 2018 13:53

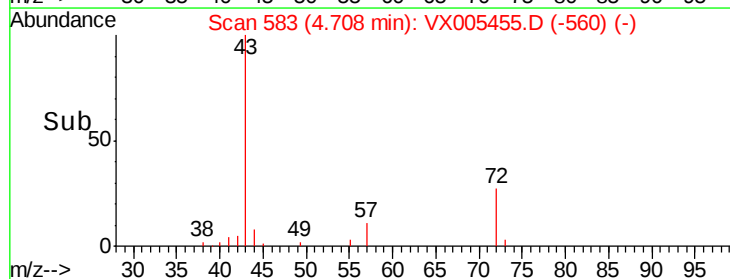
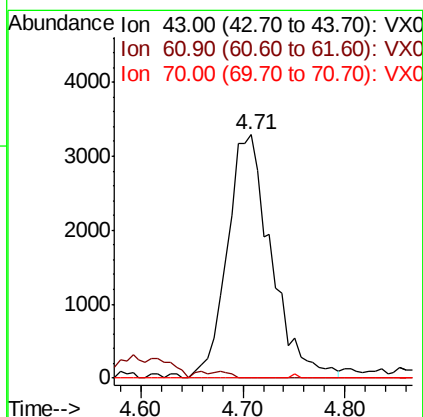
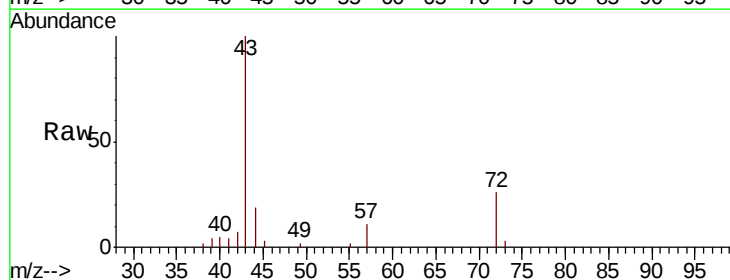
Instrument :
 MSVOA_X
 ClientSampleId :
 WWT1-6

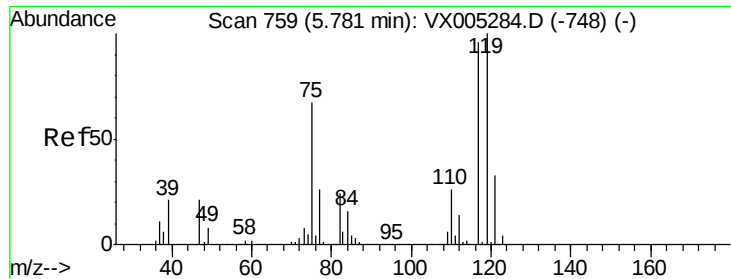
Tot Ion: 75 Resp: 17081
 Ion Ratio Lower Upper
 75 100
 110 5.6 18.0 54.0#
 77 0.0 24.6 36.8#



#37
 Ethyl Acetate
 Concen: 2.067 ug/l
 RT: 4.71 min Scan# 583
 Delta R.T. -0.16 min
 Lab File: VX005455.D
 Acq: 19 Oct 2018 13:53

Tgt Ion: 43 Resp: 9826
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.5 17.3#
 70 0.0 9.0 13.6#

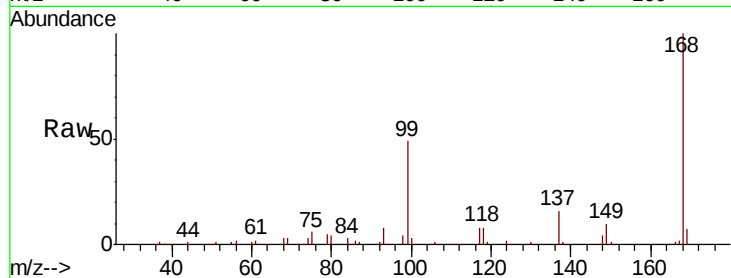




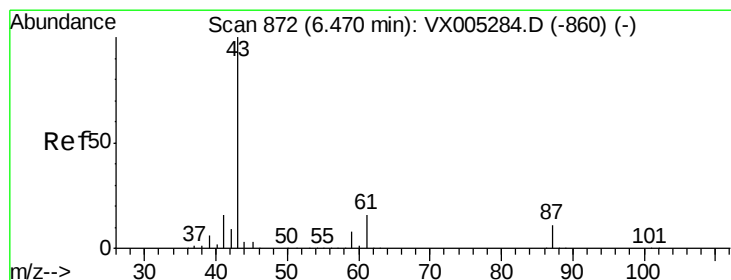
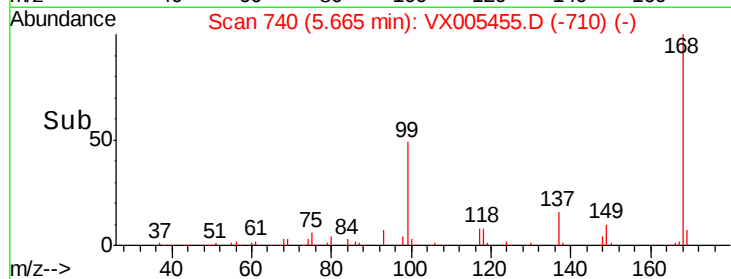
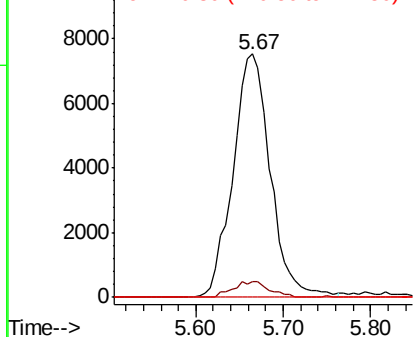
#38
Carbon Tetrachloride
Concen: 6.031 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005455.D
Acq: 19 Oct 2018 13:53

Instrument :
MSVOA_X
ClientSampleId :
WWT1-6

Tot Ion:117 Resp: 22397
Ion Ratio Lower Upper
117 100
119 6.5 78.8 118.2#
121 0.0 24.9 37.3#

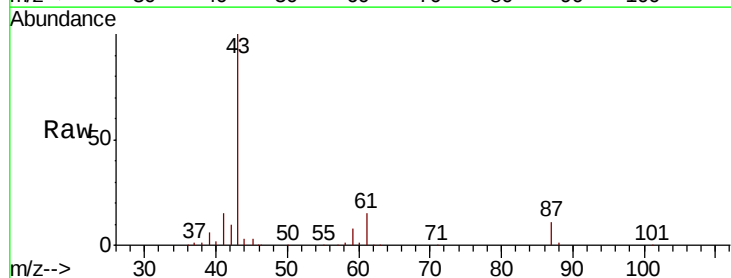


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

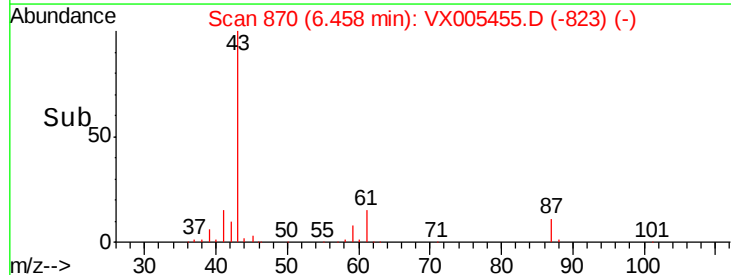
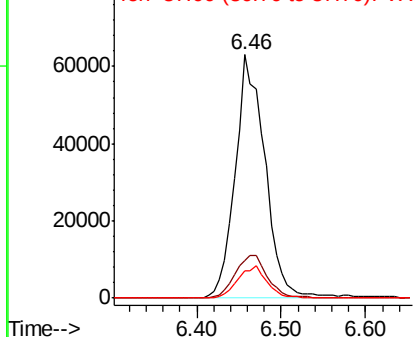


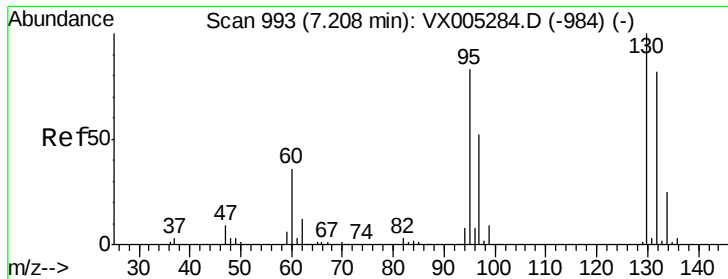
#43
Isopropyl Acetate
Concen: 23.774 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.01 min
Lab File: VX005455.D
Acq: 19 Oct 2018 13:53

Tgt Ion: 43 Resp: 150526
Ion Ratio Lower Upper
43 100
61 19.3 17.0 25.4
87 13.1 11.4 17.2



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





#44

Trichloroethene

Concen: Below Cal

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX005455.D

Acq: 19 Oct 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

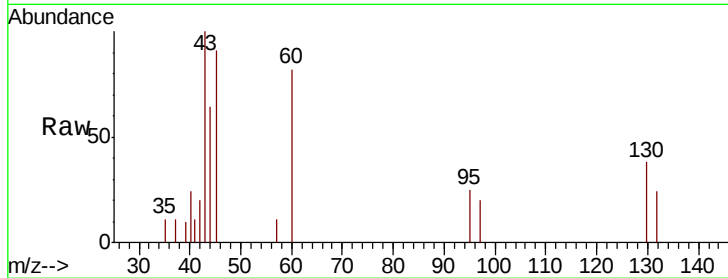
WWT1-6

Tot Ion:130 Resp: 257

Ion Ratio Lower Upper

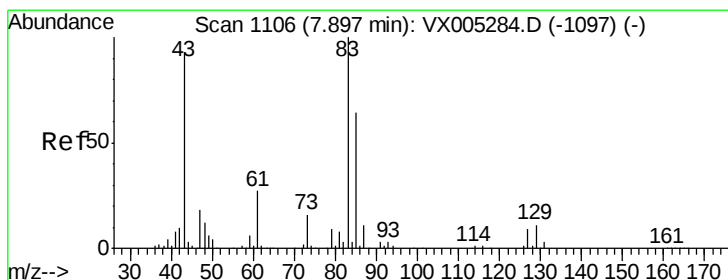
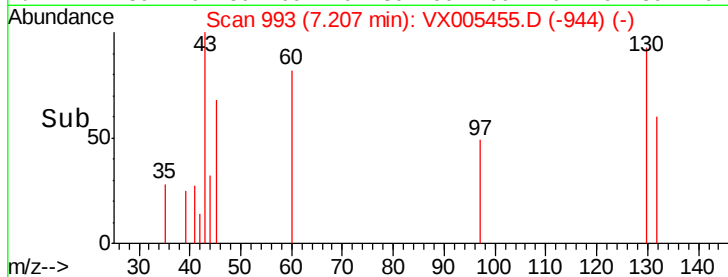
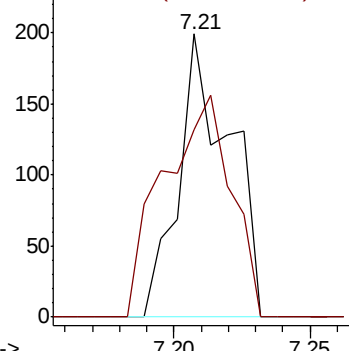
130 100

95 66.3 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#47

Bromodichloromethane

Concen: 0.209 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005455.D

Acq: 19 Oct 2018 13:53

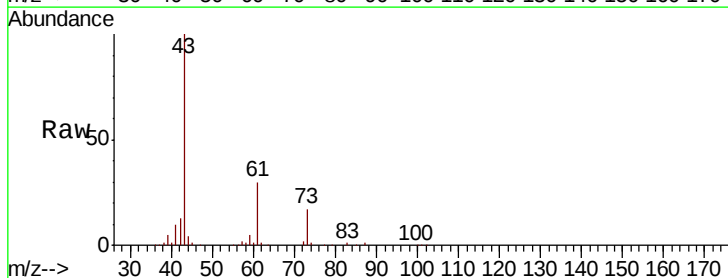
Tgt Ion: 83 Resp: 695

Ion Ratio Lower Upper

83 100

85 43.2 50.9 76.3#

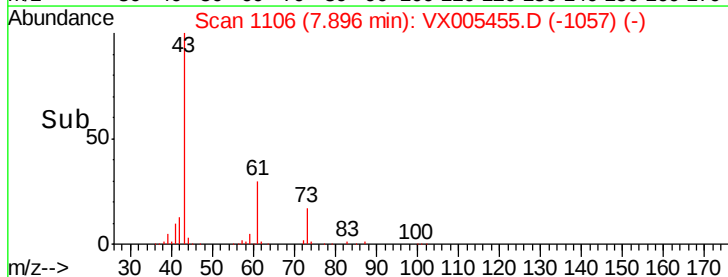
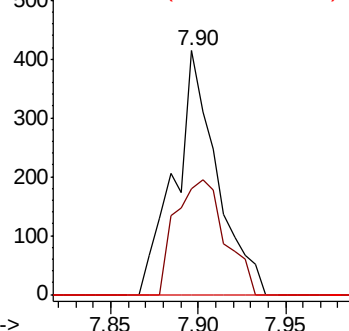
127 0.0 7.3 10.9#

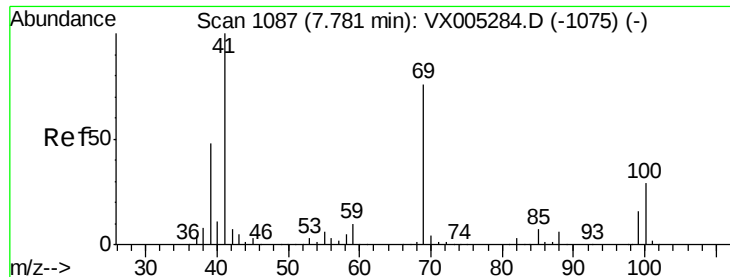


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

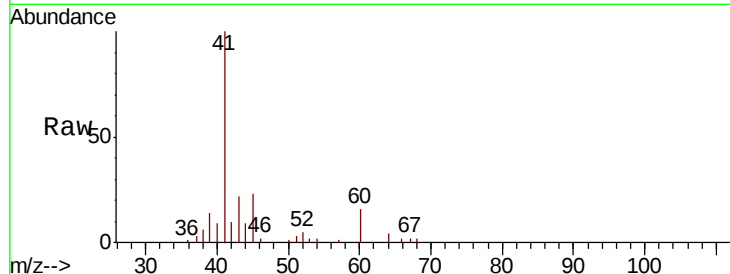




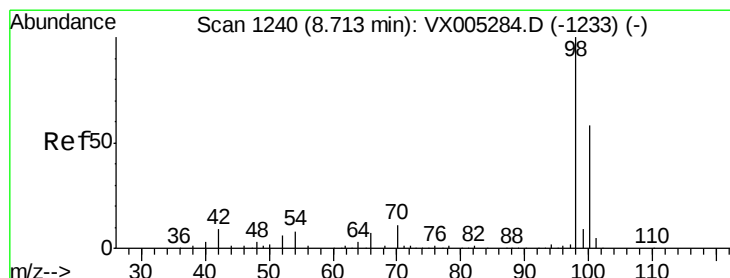
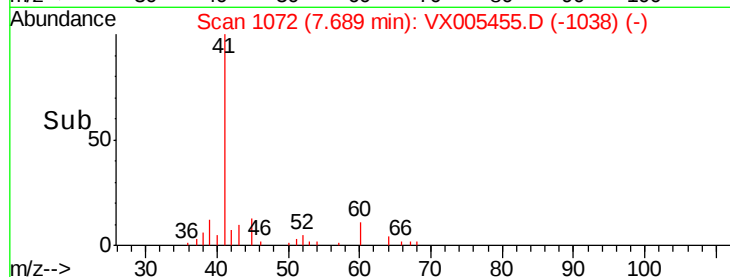
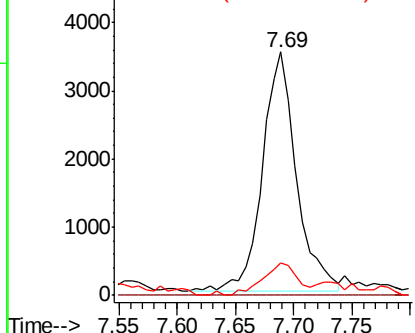
#48
Methvl methacrylate
Concen: 2.159 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX005455.D
Acq: 19 Oct 2018 13:53

Instrument :
MSVOA_X
ClientSampleId :
WWT1-6

Tot Ion: 41 Resp: 7090
Ion Ratio Lower Upper
41 100
69 0.0 70.2 105.4#
39 13.9 42.7 64.1#

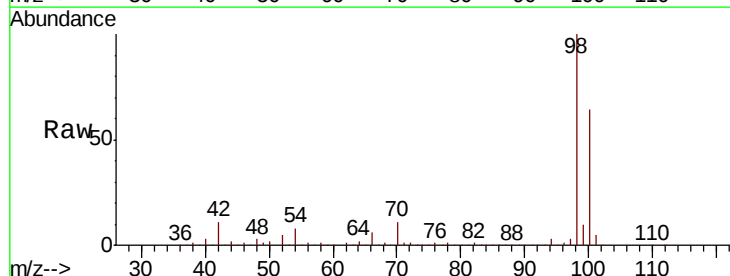


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

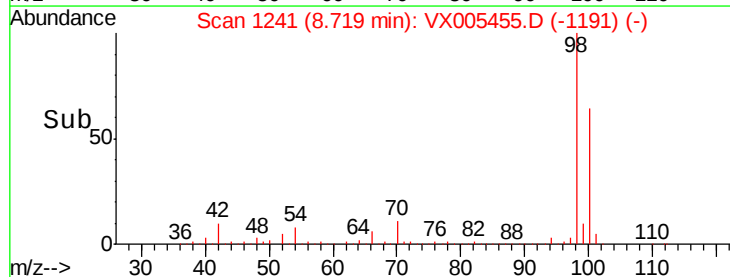
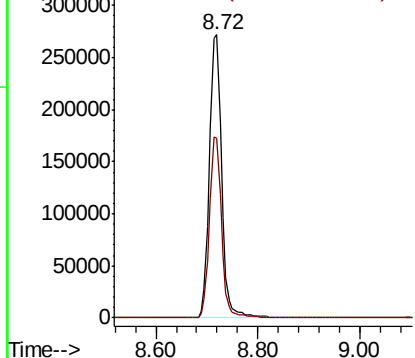


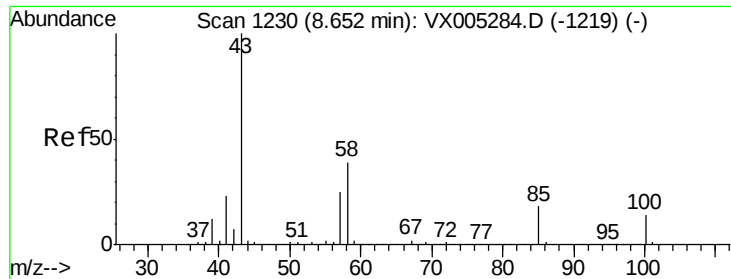
#50
Toluene-d8
Concen: 52.230 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005455.D
Acq: 19 Oct 2018 13:53

Tgt Ion: 98 Resp: 453213
Ion Ratio Lower Upper
98 100
100 62.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.553 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX005455.D

Acq: 19 Oct 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

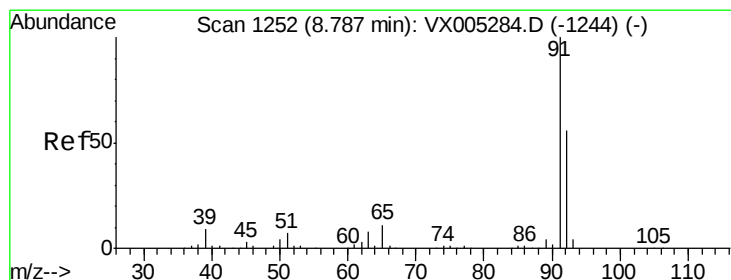
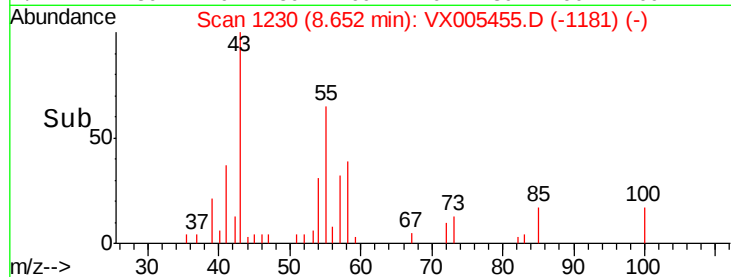
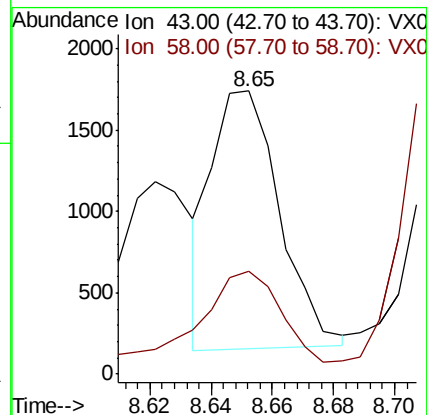
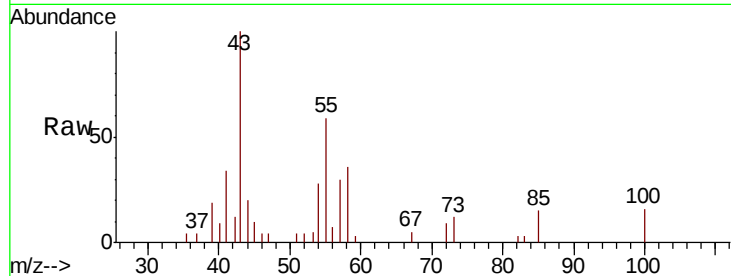
WWT1-6

Tot Ion: 43 Resp: 2425

Ion Ratio Lower Upper

43 100

58 56.0 33.1 49.7#



#52

Toluene

Concen: 0.692 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005455.D

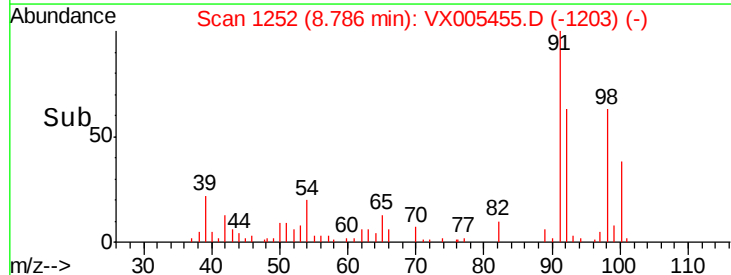
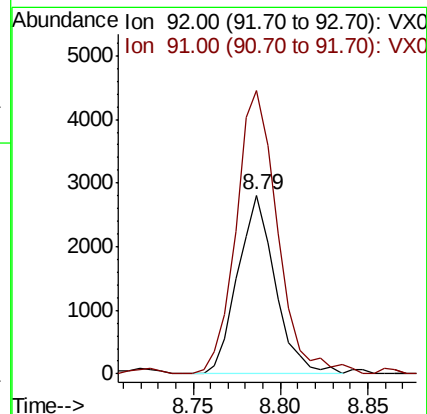
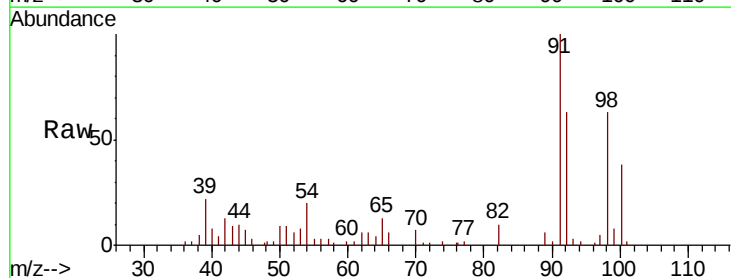
Acq: 19 Oct 2018 13:53

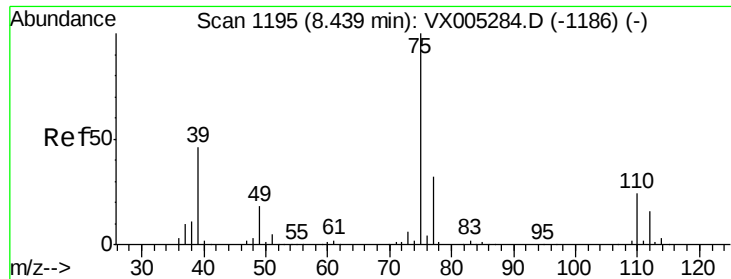
Tgt Ion: 92 Resp: 4196

Ion Ratio Lower Upper

92 100

91 174.7 136.4 204.6

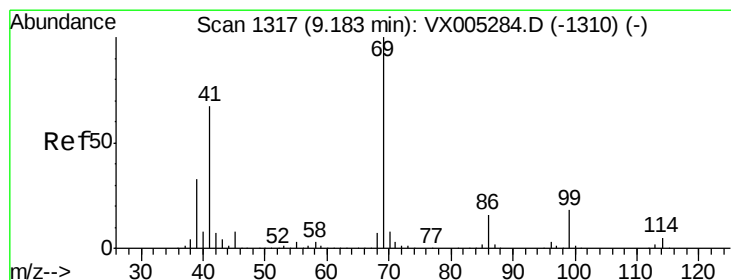
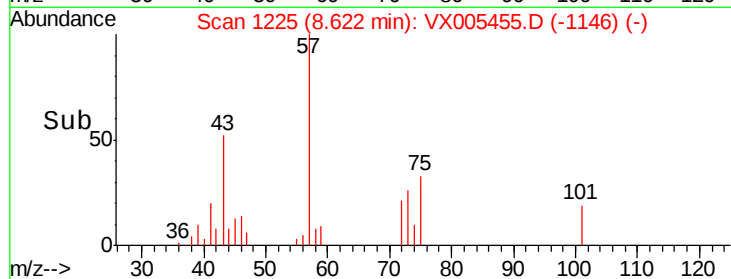
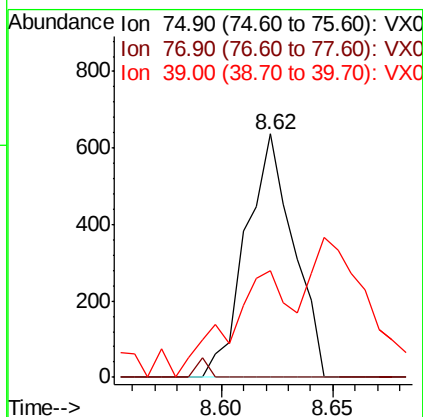
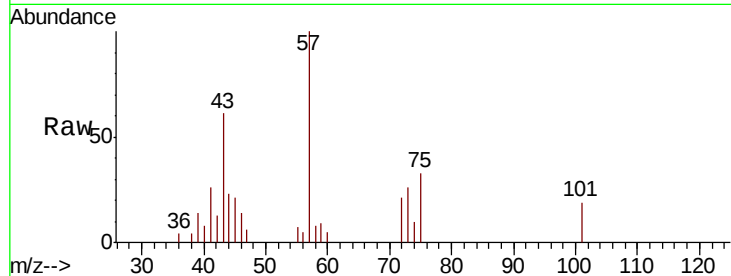




#54
 cis-1,3-Dichloropropene
 Concen: 0.242 ug/l
 RT: 8.62 min Scan# 1225
 Delta R.T. 0.18 min
 Lab File: VX005455.D
 Acq: 19 Oct 2018 13:53

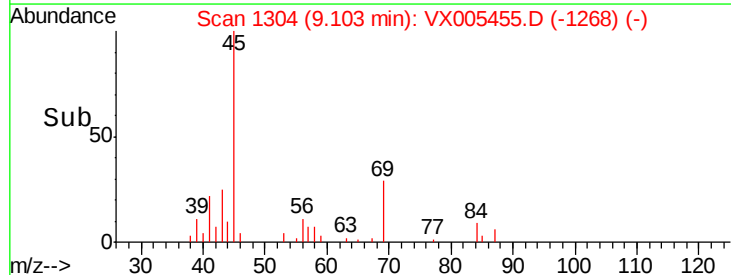
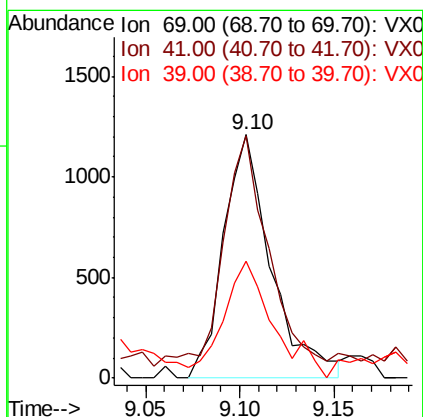
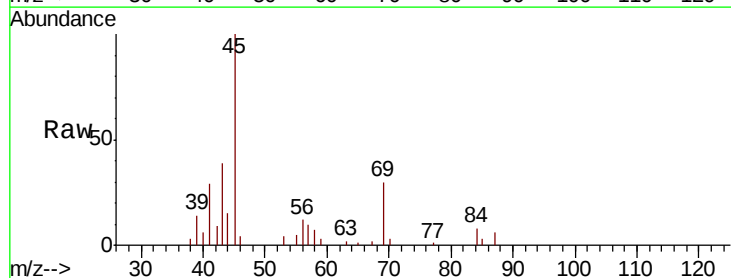
Instrument :
 MSVOA_X
 ClientSampleId :
 WWT1-6

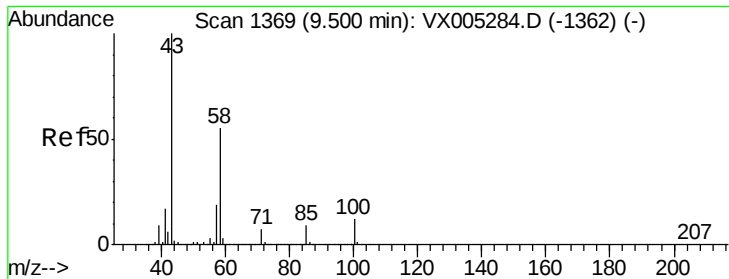
Tot Ion: 75 Resp: 944
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.2 39.2#
 39 35.5 36.4 54.6#



#56
 Ethyl methacrylate
 Concen: 0.567 ug/l
 RT: 9.10 min Scan# 1304
 Delta R.T. -0.08 min
 Lab File: VX005455.D
 Acq: 19 Oct 2018 13:53

Tgt Ion: 69 Resp: 2123
 Ion Ratio Lower Upper
 69 100
 41 89.3 51.0 76.4#
 39 50.0 26.1 39.1#

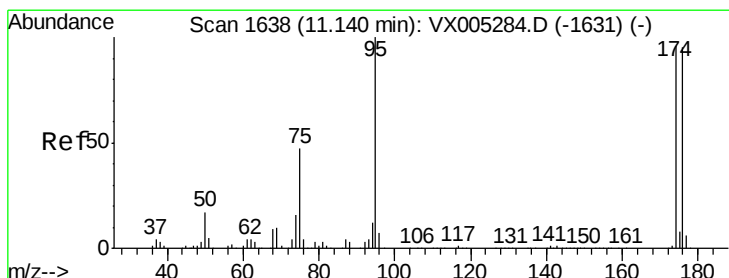
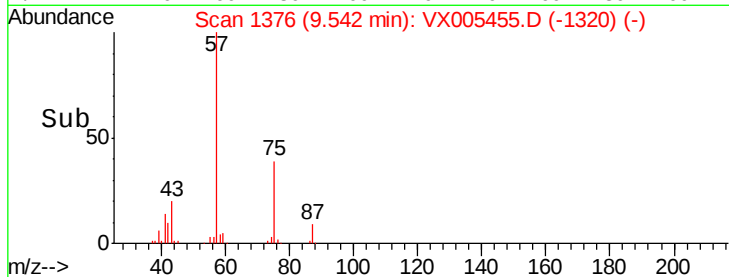
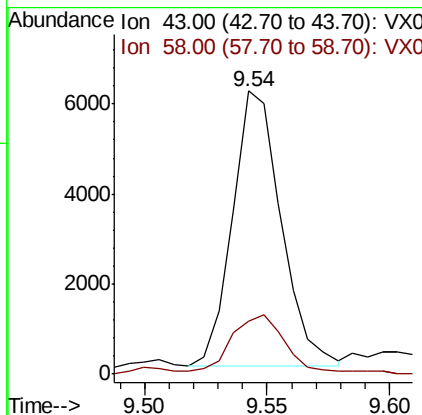
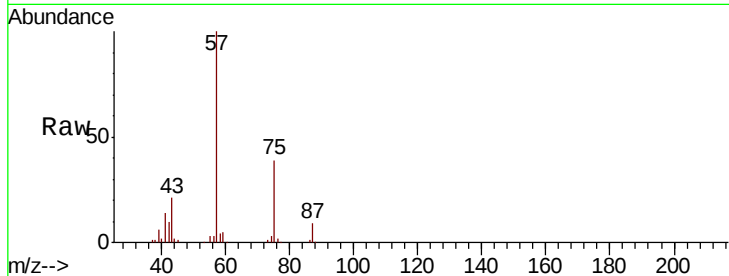




#59
2-Hexanone
Concen: 2.394 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.04 min
Lab File: VX005455.D
Acq: 19 Oct 2018 13:53

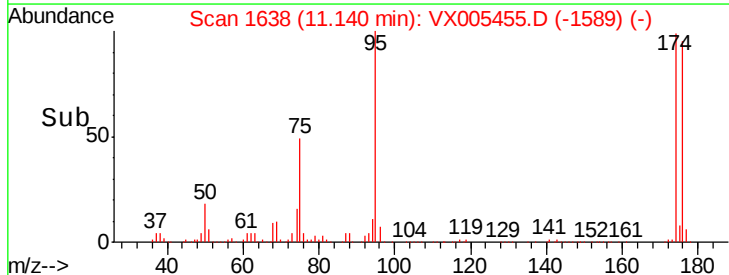
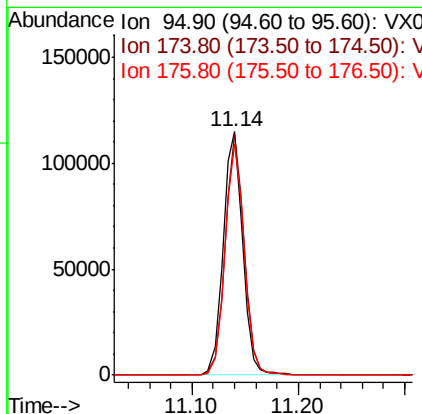
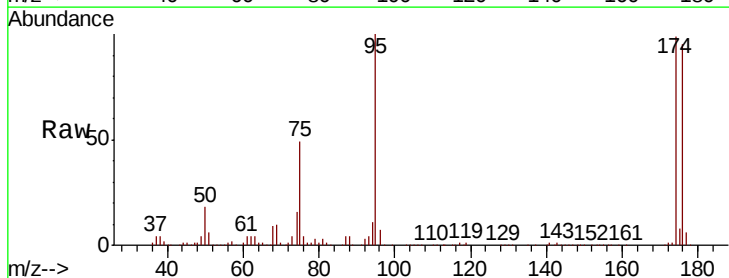
Instrument :
MSVOA_X
ClientSampleId :
WWT1-6

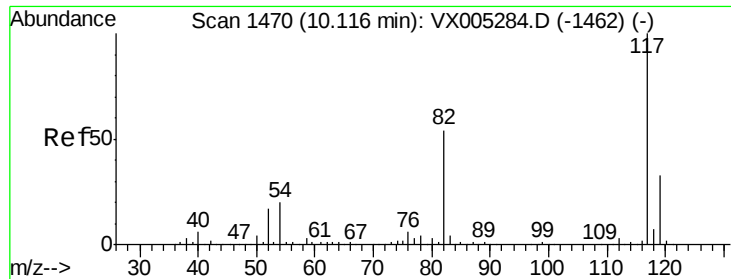
Tot Ion: 43 Resp: 8444
Ion Ratio Lower Upper
43 100
58 25.1 29.0 87.0#



#62
4-Bromofluorobenzene
Concen: 45.152 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005455.D
Acq: 19 Oct 2018 13:53

Tgt Ion: 95 Resp: 147185
Ion Ratio Lower Upper
95 100
174 96.9 0.0 185.2
176 93.6 0.0 178.6

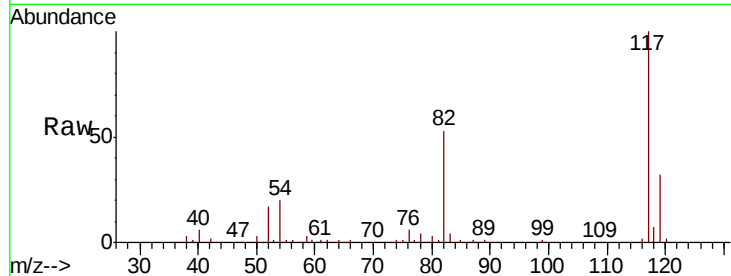




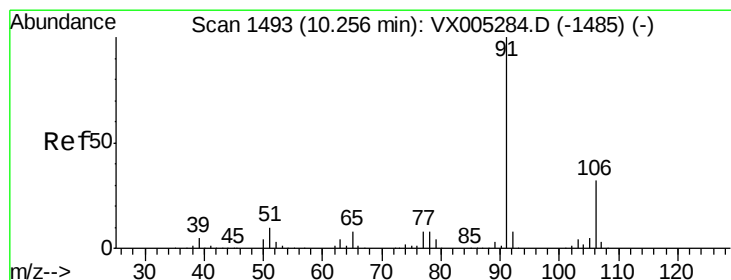
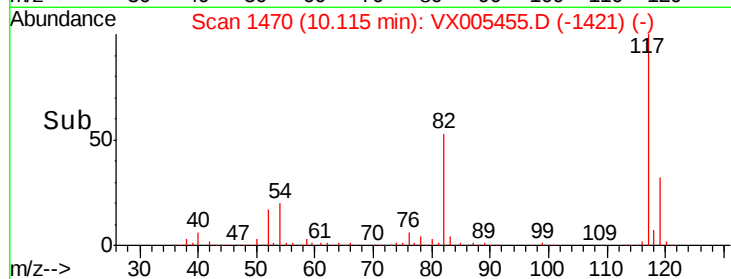
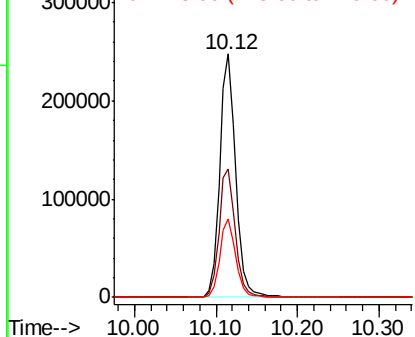
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005455.D
Acq: 19 Oct 2018 13:53

Instrument :
MSVOA_X
ClientSampleId :
WWT1-6

Tot Ion:117 Resp: 339857
Ion Ratio Lower Upper
117 100
82 52.7 47.8 71.6
119 32.4 29.3 43.9

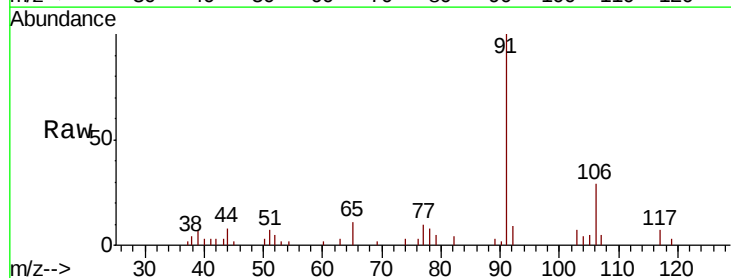


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

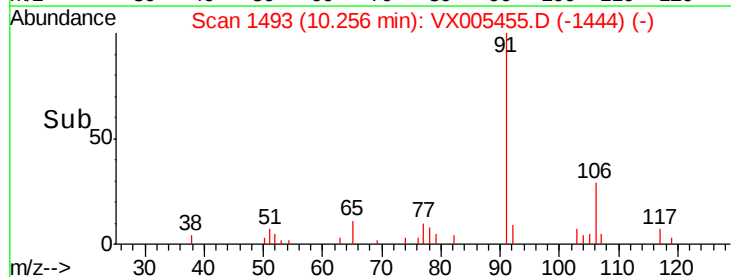
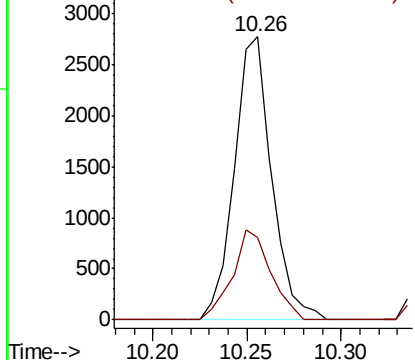


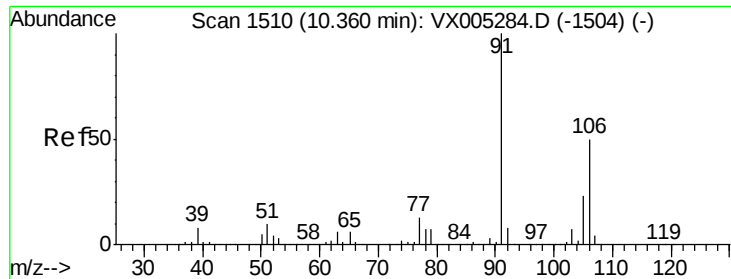
#67
Ethyl Benzene
Concen: 0.324 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005455.D
Acq: 19 Oct 2018 13:53

Tgt Ion: 91 Resp: 3811
Ion Ratio Lower Upper
91 100
106 29.3 25.9 38.9



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

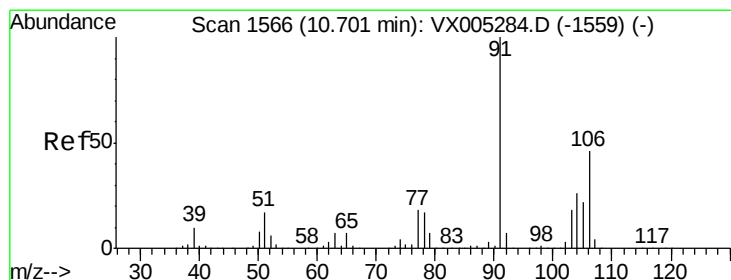
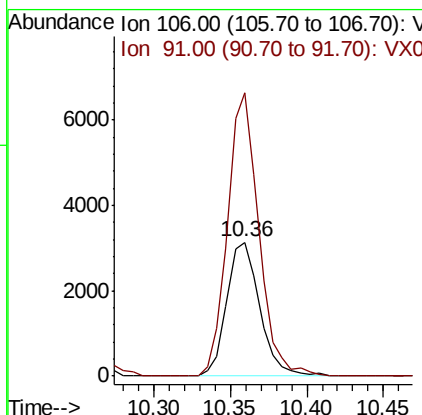
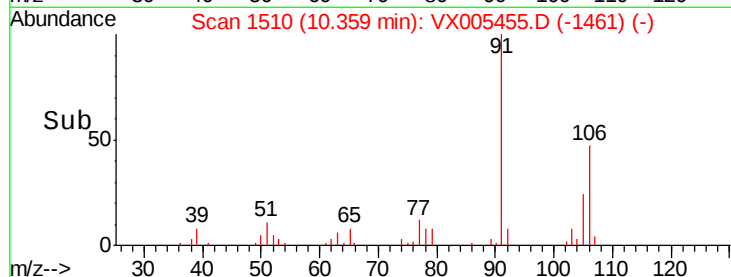
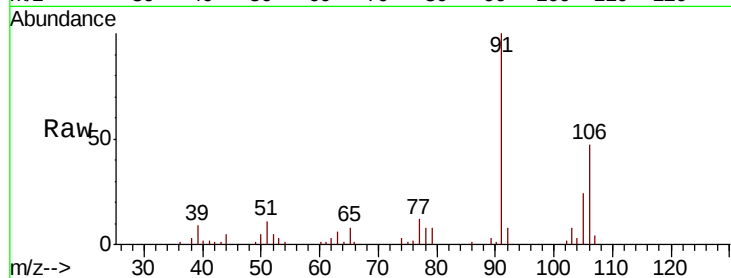




#68
m/p-Xvlenes
Concen: 1.033 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005455.D
Acq: 19 Oct 2018 13:53

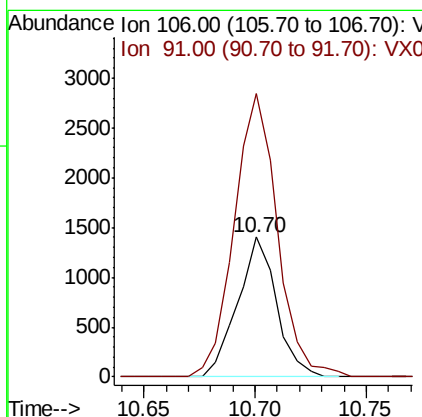
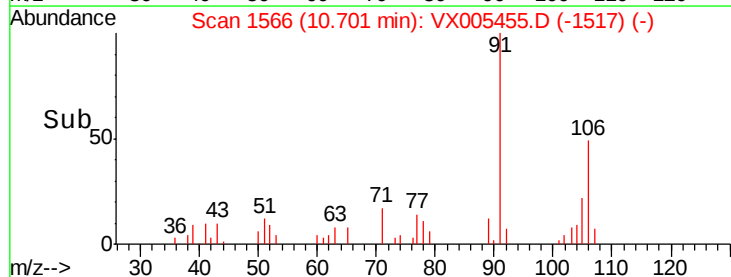
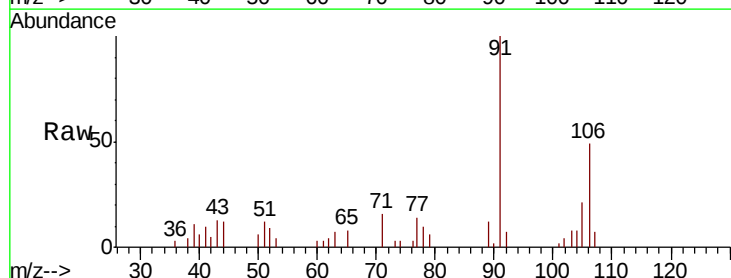
Instrument :
MSVOA_X
ClientSampleId :
WWT1-6

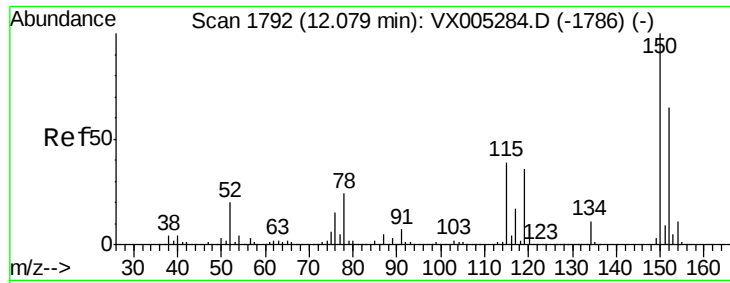
Tot Ion:106 Resp: 4711
Ion Ratio Lower Upper
106 100
91 199.6 157.1 235.7



#69
o-Xylene
Concen: 0.388 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005455.D
Acq: 19 Oct 2018 13:53

Tgt Ion:106 Resp: 1705
Ion Ratio Lower Upper
106 100
91 224.9 105.1 315.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005455.D

Acq: 19 Oct 2018 13:53

Instrument :

MSVOA_X

ClientSampled :

WWT1-6

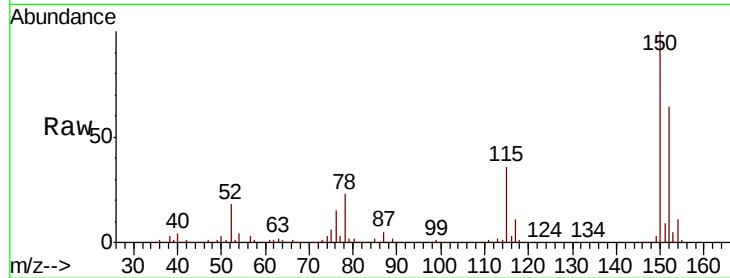
Tot Ion:152 Resp: 166024

Ion Ratio Lower Upper

152 100

115 54.4 39.0 117.0

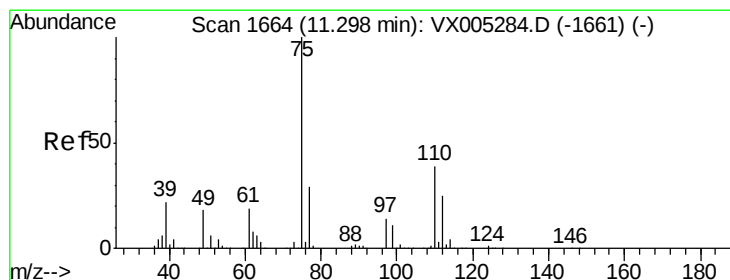
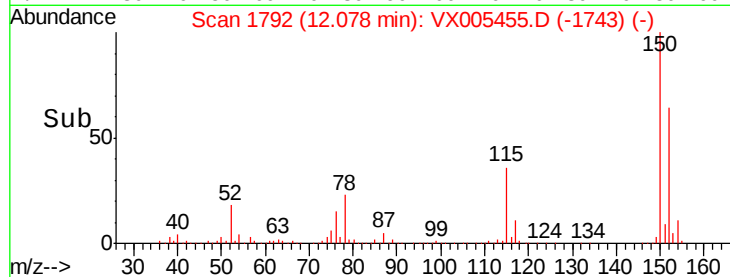
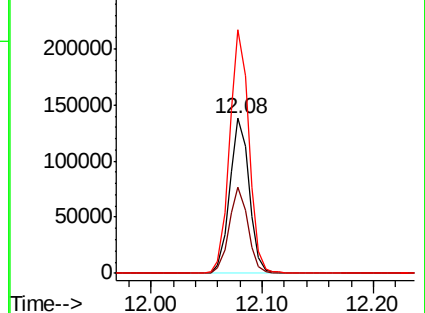
150 156.4 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 22.487 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005455.D

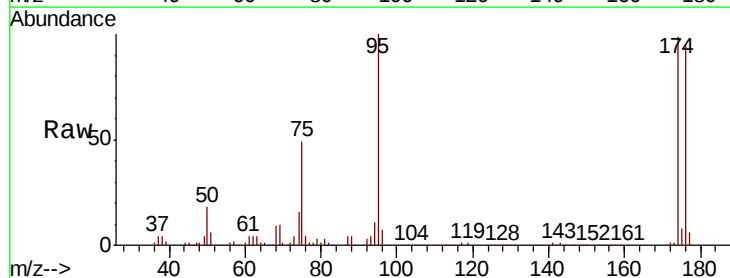
Acq: 19 Oct 2018 13:53

Tgt Ion: 75 Resp: 72416

Ion Ratio Lower Upper

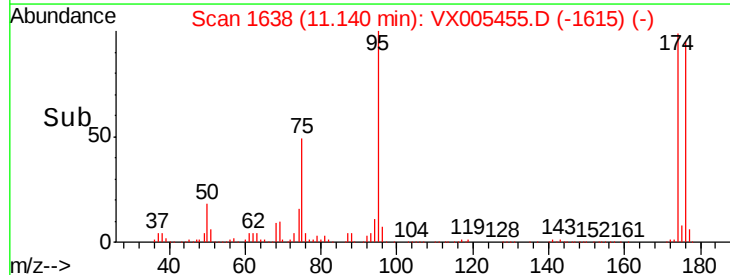
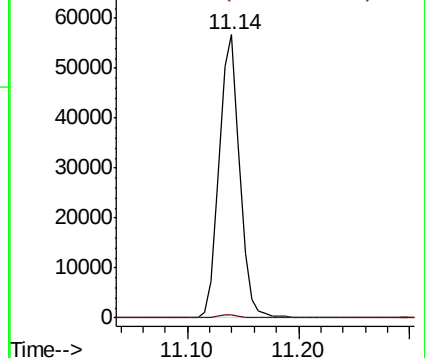
75 100

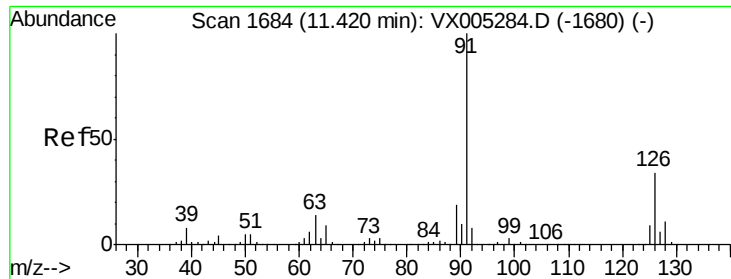
77 1.3 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

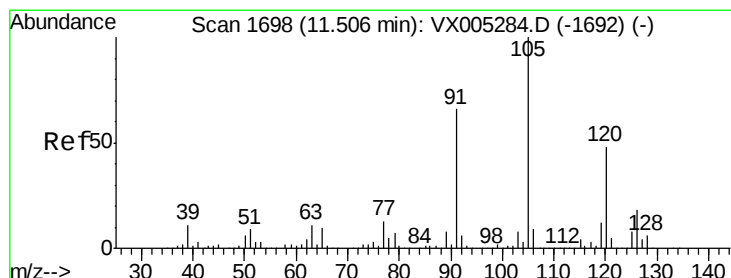
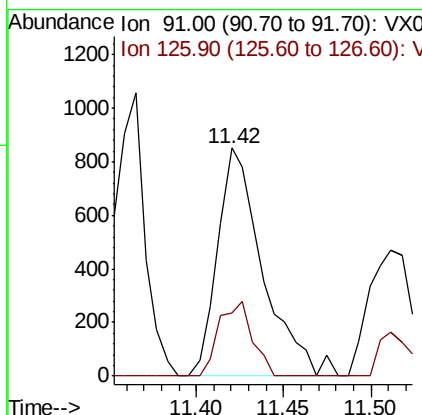
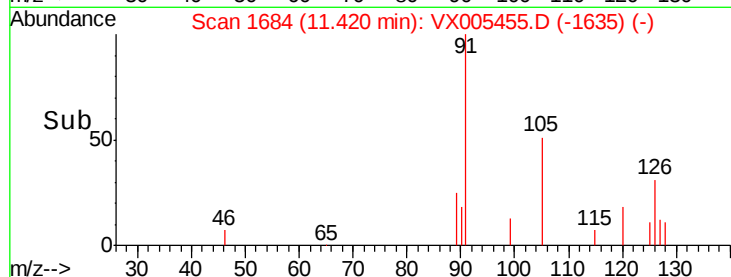
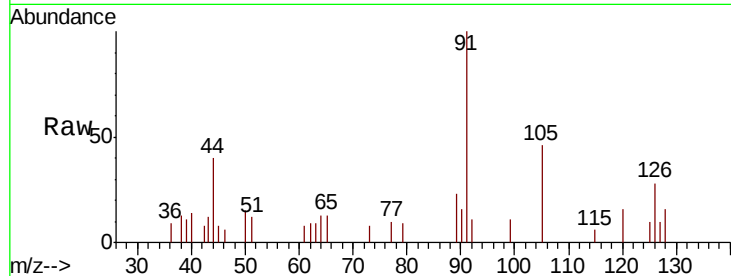




#79
2-Chlorotoluene
Concen: 0.220 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX005455.D
Acq: 19 Oct 2018 13:53

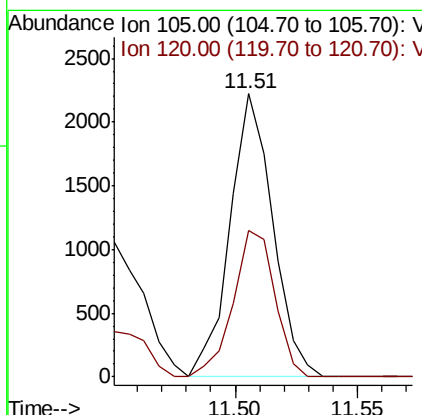
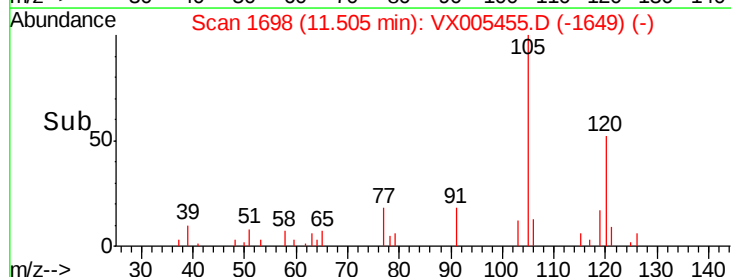
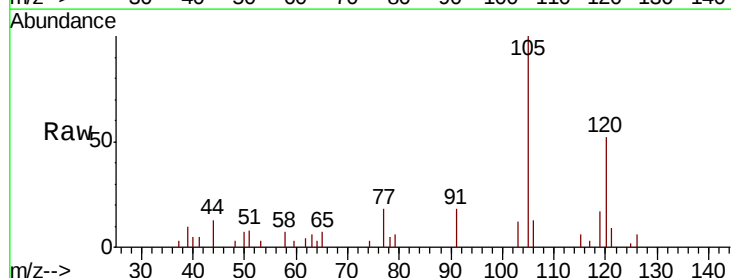
Instrument :
MSVOA_X
ClientSampled :
WWT1-6

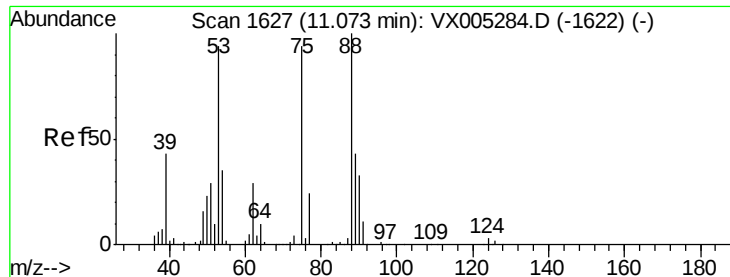
Tot Ion: 91 Resp: 1530
Ion Ratio Lower Upper
91 100
126 24.1 17.9 53.7



#80
1,3,5-Trimethylbenzene
Concen: 0.320 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX005455.D
Acq: 19 Oct 2018 13:53

Tgt Ion: 105 Resp: 2703
Ion Ratio Lower Upper
105 100
120 50.2 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 68.325 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005455.D

Acq: 19 Oct 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

WWT1-6

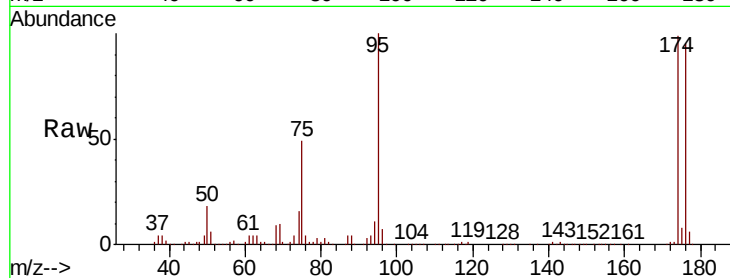
Tot Ion: 75 Resp: 72416

Ion Ratio Lower Upper

75 100

53 0.3 80.1 120.1#

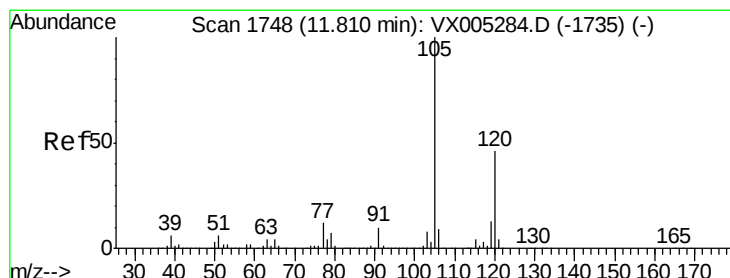
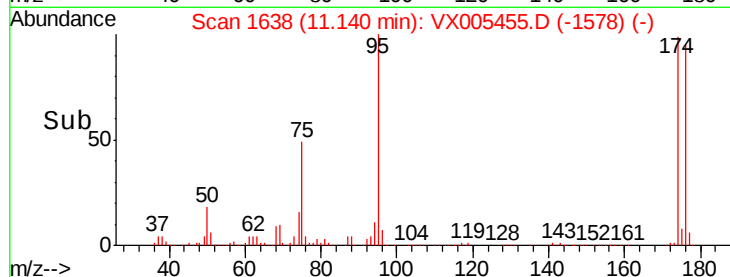
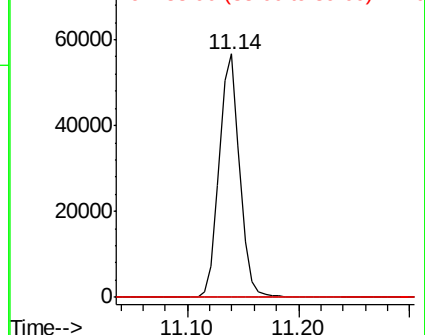
89 0.0 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 0.891 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VX005455.D

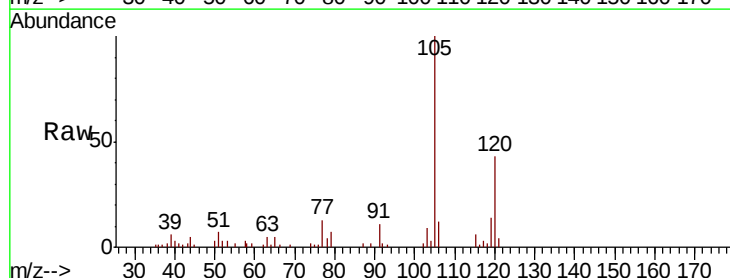
Acq: 19 Oct 2018 13:53

Tgt Ion:105 Resp: 7748

Ion Ratio Lower Upper

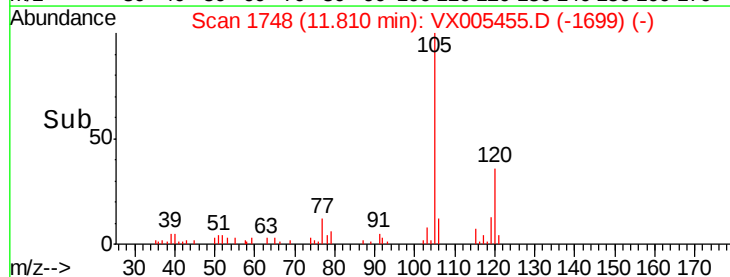
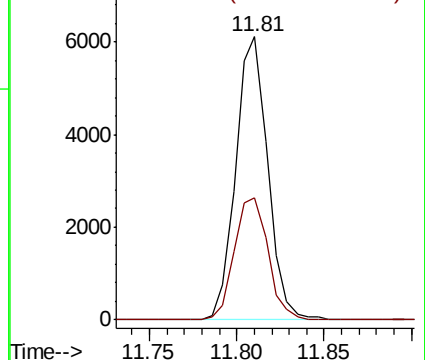
105 100

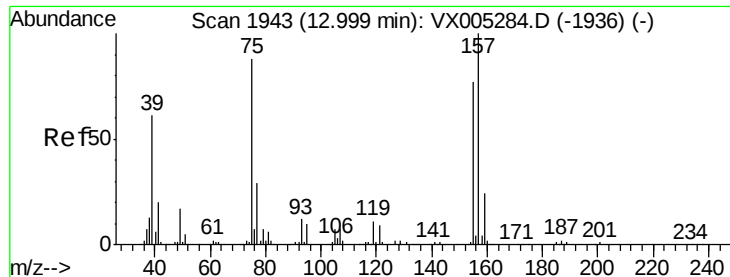
120 45.3 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.237 ug/l

RT: 13.02 min Scan# 1947

Delta R.T. 0.02 min

Lab File: VX005455.D

Acq: 19 Oct 2018 13:53

Instrument :

MSVOA_X

ClientSampled :

WWT1-6

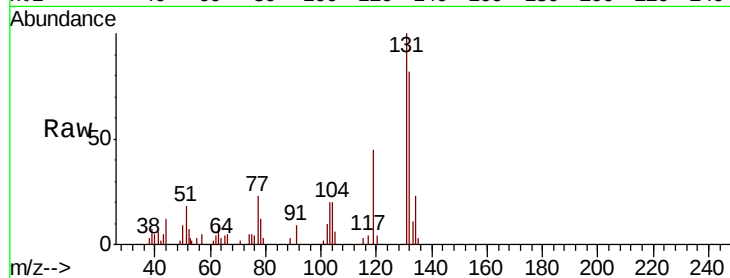
Tot Ion: 75 Resp: 215

Ion Ratio Lower Upper

75 100

155 0.0 48.0 144.2#

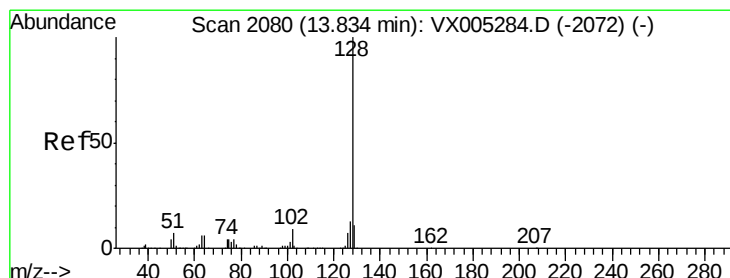
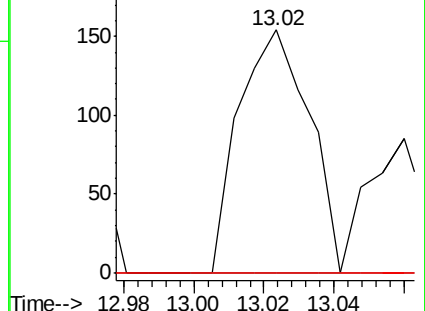
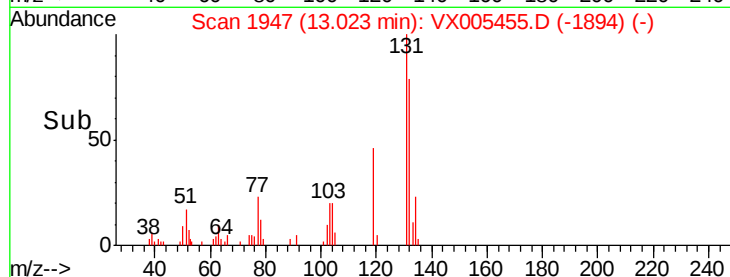
157 0.0 61.4 184.1#



Abundance Ion 74.90 (74.60 to 75.60): VX005455.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX005455.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX005455.D (-1894) (-)



#95

Naphthalene

Concen: 39.420 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005455.D

Acq: 19 Oct 2018 13:53

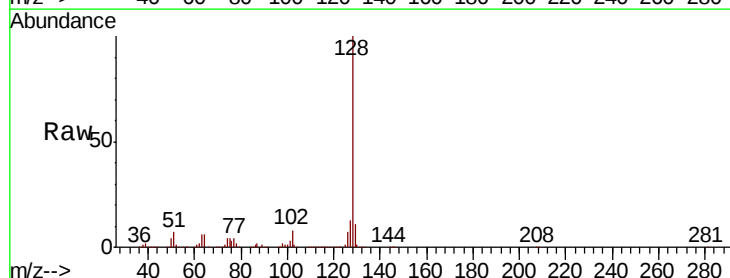
Tgt Ion: 128 Resp: 451348

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): VX005455.D (-2031) (-)

Ion 127.00 (126.70 to 127.70): VX005455.D (-2031) (-)

Ion 129.00 (128.70 to 129.70): VX005455.D (-2031) (-)

