

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122218\
 Data File : VX006764.D
 Acq On : 22 Dec 2018 11:43
 Operator : JC/MD
 Sample : VX1222WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1222WBS01

Quant Time: Dec 24 04:20:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	589589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	882473	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	800107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	409524	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	308052	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
35) Dibromofluoromethane	5.50	113	276387	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
50) Toluene-d8	8.71	98	1051708	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.13	95	377377	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	94689	17.555	ug/l 99
3) Chloromethane	1.33	50	100422	17.282	ug/l 99
4) Vinyl Chloride	1.41	62	111436	18.362	ug/l 99
5) Bromomethane	1.64	94	108185	17.870	ug/l 96
6) Chloroethane	1.73	64	72358	17.219	ug/l 98
7) Trichlorofluoromethane	1.93	101	178684	18.884	ug/l 98
8) Diethyl Ether	2.19	74	68478	18.221	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	108028	19.445	ug/l 98
10) Methyl Iodide	2.51	142	137580	17.300	ug/l 100
11) Tert butyl alcohol	3.06	59	133800	94.351	ug/l 98
12) 1,1-Dichloroethene	2.38	96	95473	18.124	ug/l 99
13) Acrolein	2.29	56	86704	90.631	ug/l 98
14) Allyl chloride	2.73	41	163082	18.392	ug/l 98
15) Acrylonitrile	3.15	53	303143	96.277	ug/l 100
16) Acetone	2.45	43	291516	99.855	ug/l 98
17) Carbon Disulfide	2.57	76	215059	15.427	ug/l 98
18) Methyl Acetate	2.78	43	175945	20.496	ug/l 97
19) Methyl tert-butyl Ether	3.20	73	341409	19.527	ug/l 99
20) Methylene Chloride	2.86	84	112484	18.633	ug/l 96
21) trans-1,2-Dichloroethene	3.17	96	104380	17.883	ug/l 99
22) Diisopropyl ether	3.87	45	321344	19.810	ug/l 97
23) Vinyl Acetate	3.82	43	1307523	98.542	ug/l 99
24) 1,1-Dichloroethane	3.70	63	183939	18.995	ug/l 99
25) 2-Butanone	4.70	43	400302	97.481	ug/l 100
26) 2,2-Dichloropropane	4.59	77	128120	17.128	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	120876	18.770	ug/l 98
28) Bromochloromethane	5.02	49	84687	19.620	ug/l 97
29) Tetrahydrofuran	5.15	42	260820	96.434	ug/l 99
30) Chloroform	5.21	83	192402	19.187	ug/l 99
31) Cyclohexane	5.57	56	166510	18.927	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	156824	18.521	ug/l 98
36) 1,1-Dichloropropene	5.80	75	141521	19.363	ug/l 100
37) Ethyl Acetate	4.85	43	147715	19.418	ug/l 99
38) Carbon Tetrachloride	5.79	117	132569	18.664	ug/l 93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122218\
 Data File : VX006764.D
 Acq On : 22 Dec 2018 11:43
 Operator : JC/MD
 Sample : VX1222WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1222WBS01

Quant Time: Dec 24 04:20:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	185167	19.243	ug/l	99
40) Benzene	6.14	78	436106	19.630	ug/l	98
41) Methacrylonitrile	5.05	41	84607	20.948	ug/l	98
42) 1,2-Dichloroethane	6.20	62	148490	19.614	ug/l	98
43) Isopropyl Acetate	6.45	43	230131	19.882	ug/l	99
44) Trichloroethene	7.21	130	126124	18.756	ug/l	96
45) 1,2-Dichloropropane	7.51	63	106613	19.720	ug/l	99
46) Dibromomethane	7.66	93	76981	19.358	ug/l	99
47) Bromodichloromethane	7.90	83	122006	18.480	ug/l	93
48) Methyl methacrylate	7.77	41	120651	20.498	ug/l	97
49) 1,4-Dioxane	7.75	88	58683	368.487	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	756468	102.716	ug/l	100
52) Toluene	8.79	92	281283	19.598	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	124897	17.639	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	149413	19.231	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	118216	20.122	ug/l	98
56) Ethyl methacrylate	9.18	69	166669	20.072	ug/l	99
57) 1,3-Dichloropropane	9.37	76	185876	19.665	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	437826	99.194	ug/l	99
59) 2-Hexanone	9.49	43	588391	104.420	ug/l	99
60) Dibromochloromethane	9.58	129	102562	18.240	ug/l	99
61) 1,2-Dibromoethane	9.67	107	122978	19.692	ug/l	99
64) Tetrachloroethene	9.33	164	119491	18.860	ug/l	98
65) Chlorobenzene	10.14	112	331381	19.577	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	106467	20.160	ug/l	98
67) Ethyl Benzene	10.25	91	539656	19.510	ug/l	99
68) m/p-Xylenes	10.36	106	424150	38.861	ug/l	99
69) o-Xylene	10.70	106	208069	19.305	ug/l	98
70) Styrene	10.71	104	330214	19.366	ug/l	99
71) Bromoform	10.86	173	70484	17.936	ug/l #	98
73) Isopropylbenzene	11.02	105	561089	20.027	ug/l	98
74) N-amyl acetate	10.90	43	201484	20.092	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	174597	20.955	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	180310	23.692	ug/l	90
77) Bromobenzene	11.26	156	149637	19.756	ug/l	99
78) n-propylbenzene	11.36	91	620106	20.100	ug/l	99
79) 2-Chlorotoluene	11.42	91	368375	19.703	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	456051	19.763	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	34211	16.754	ug/l	87
82) 4-Chlorotoluene	11.51	91	423371	19.741	ug/l	100
83) tert-Butylbenzene	11.77	119	465081	20.137	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	474687	19.557	ug/l	99
85) sec-Butylbenzene	11.94	105	567154	20.029	ug/l	99
86) p-Isopropyltoluene	12.06	119	498955	20.045	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	266604	19.530	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	267849	19.140	ug/l	99
89) n-Butylbenzene	12.39	91	426212	20.120	ug/l	99
90) Hexachloroethane	12.60	117	62189	18.206	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	261374	19.140	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	30605	17.752	ug/l	99

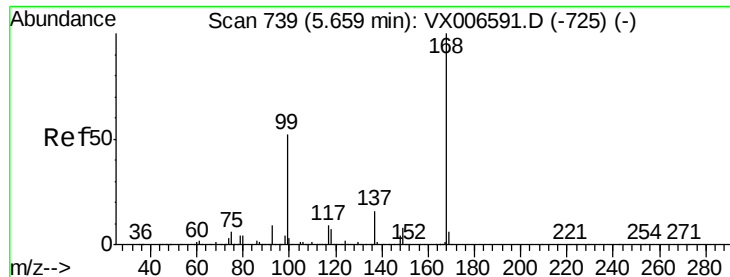
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122218\
Data File : VX006764.D
Acq On : 22 Dec 2018 11:43
Operator : JC/MD
Sample : VX1222WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1222WBS01

Quant Time: Dec 24 04:20:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	182017	19.323	ug/l	98
94) Hexachlorobutadiene	13.78	225	84817	19.104	ug/l	99
95) Naphthalene	13.83	128	560423	18.641	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	181841	18.697	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

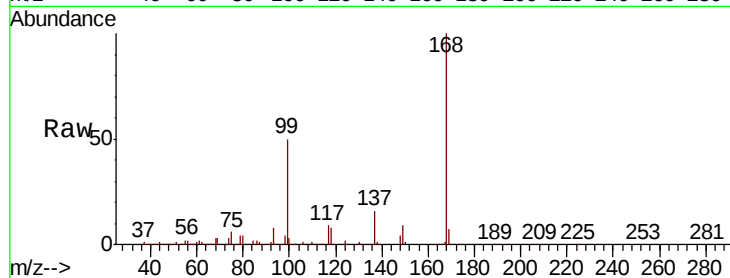
VX1222WBS01

Tot Ion:168 Resp: 589589

Ion Ratio Lower Upper

168 100

99 50.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

100000

50000

0

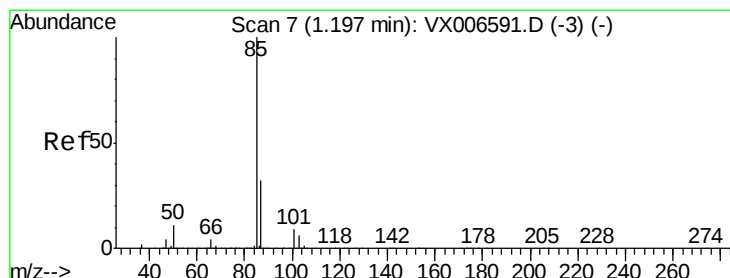
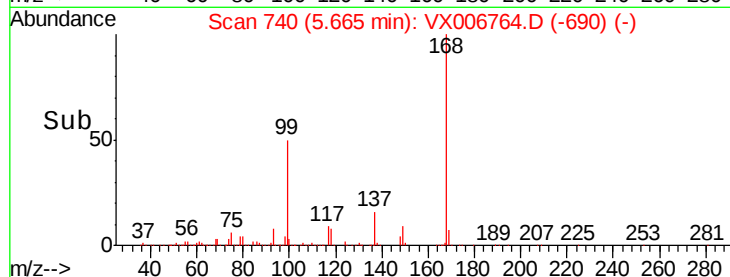
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.555 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX006764.D

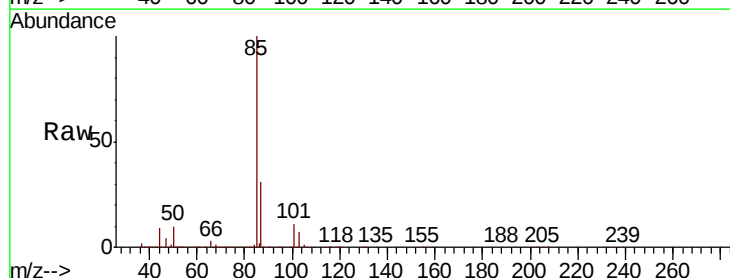
Acq: 22 Dec 2018 11:43

Tgt Ion: 85 Resp: 94689

Ion Ratio Lower Upper

85 100

87 31.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

60000

40000

20000

0

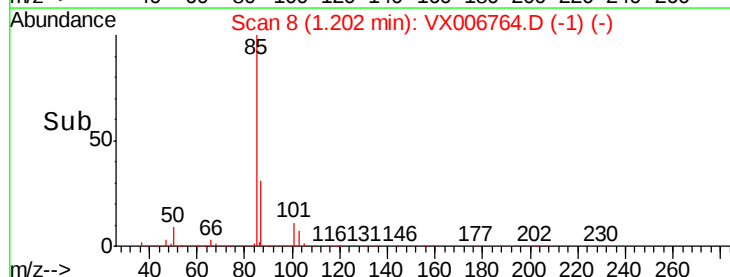
1.15

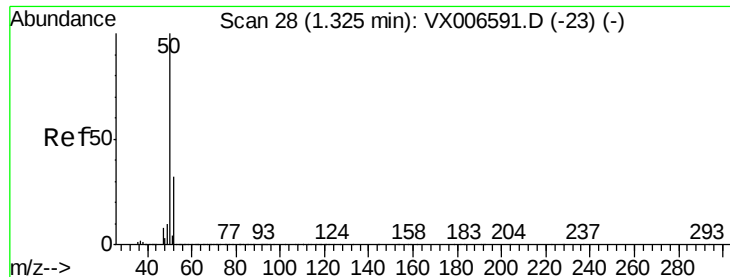
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 17.282 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampled :

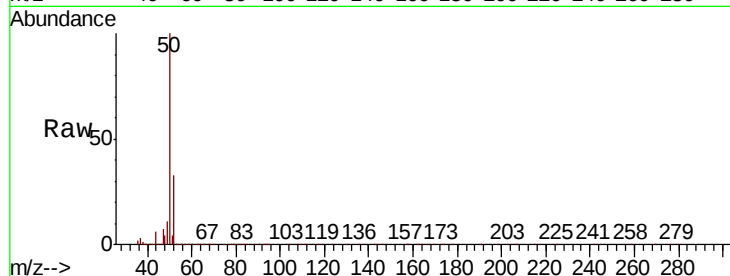
VX1222WBS01

Tot Ion: 50 Resp: 100422

Ion Ratio Lower Upper

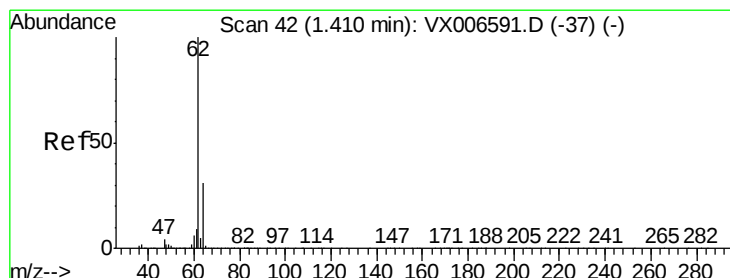
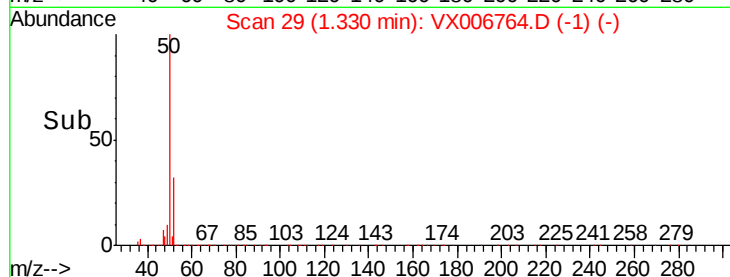
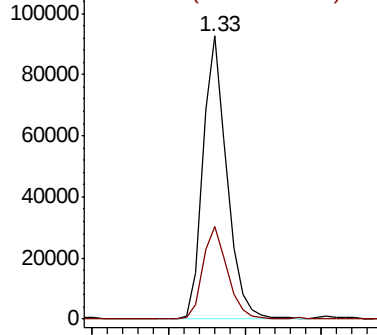
50 100

52 32.5 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.362 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006764.D

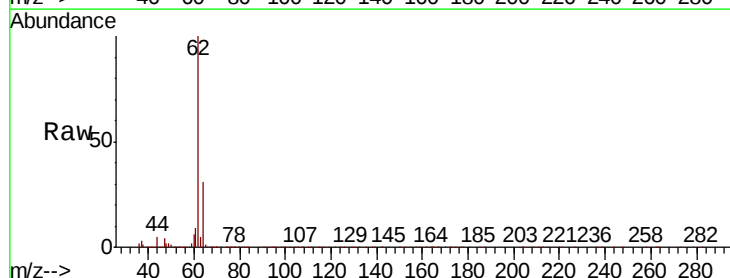
Acq: 22 Dec 2018 11:43

Tgt Ion: 62 Resp: 111436

Ion Ratio Lower Upper

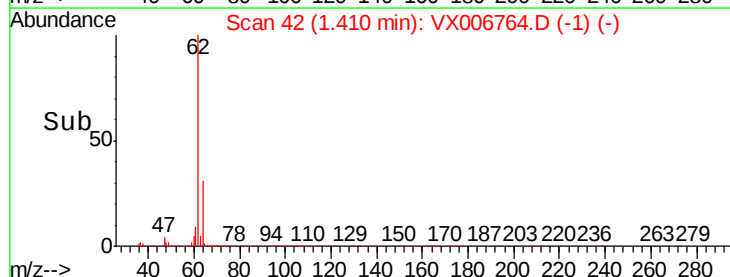
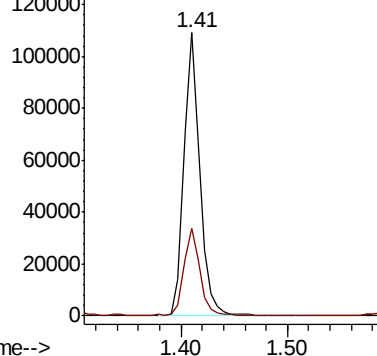
62 100

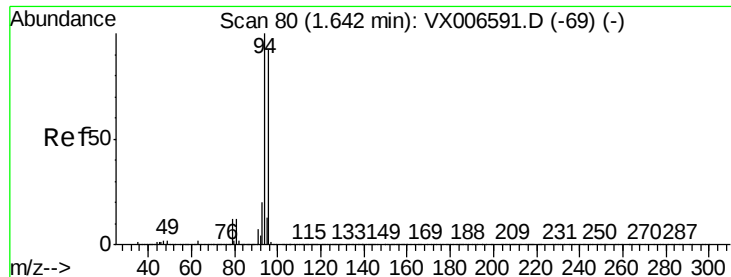
64 30.8 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.870 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

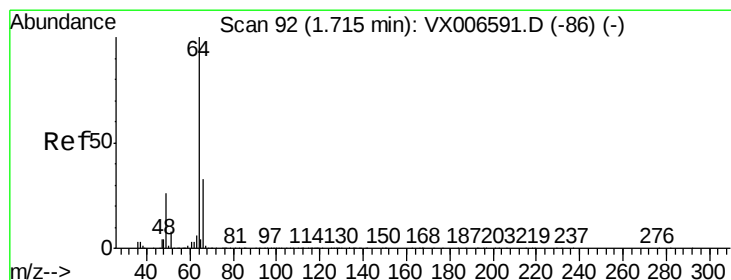
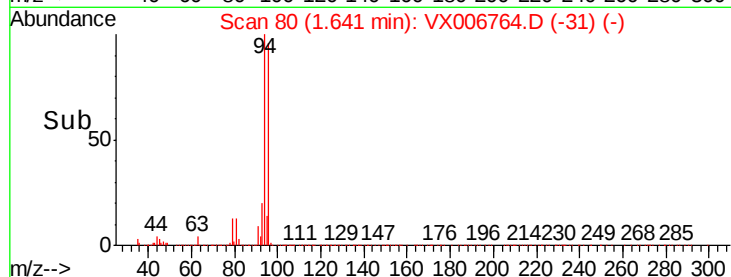
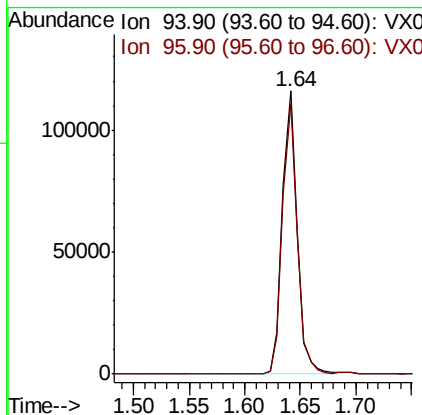
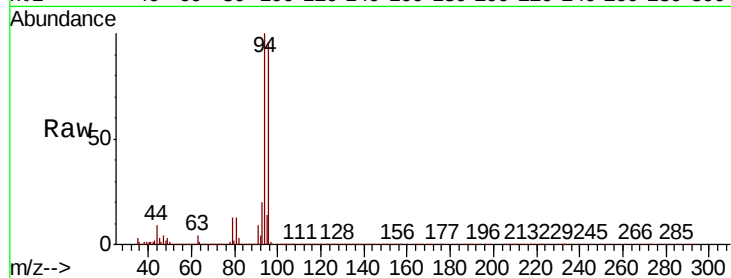
VX1222WBS01

Tot Ion: 94 Resp: 108185

Ion Ratio Lower Upper

94 100

96 95.6 73.4 110.2



#6

Chloroethane

Concen: 17.219 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006764.D

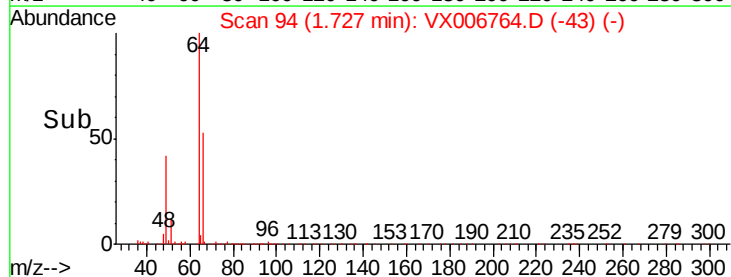
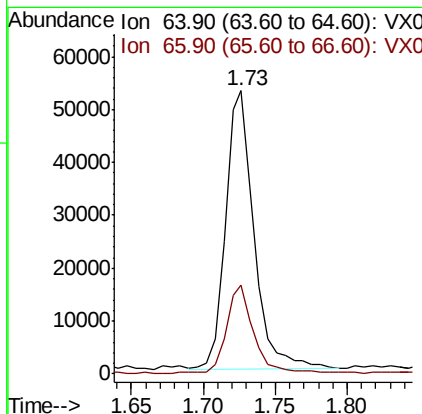
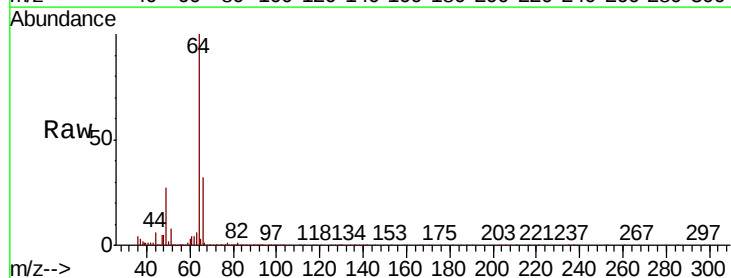
Acq: 22 Dec 2018 11:43

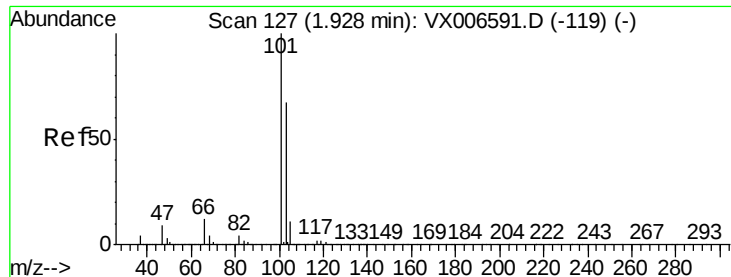
Tgt Ion: 64 Resp: 72358

Ion Ratio Lower Upper

64 100

66 31.8 26.4 39.6



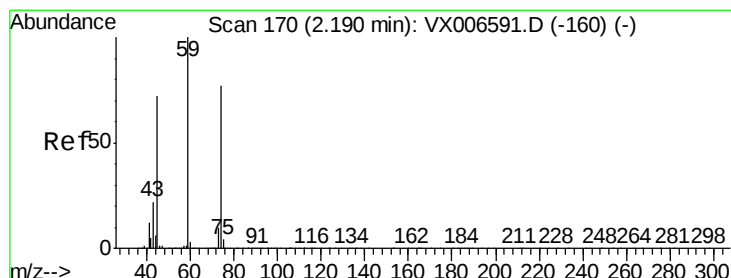
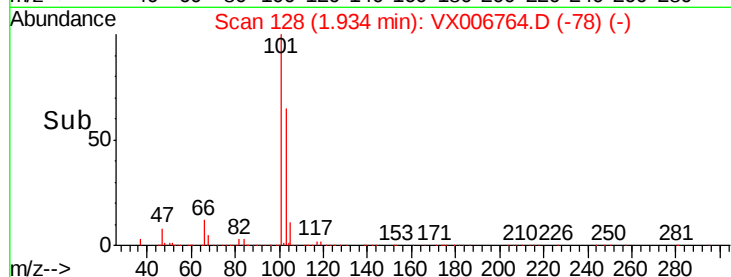
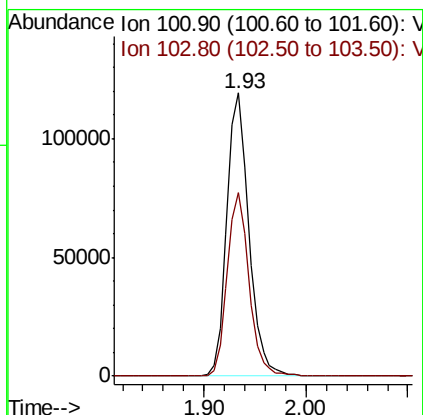
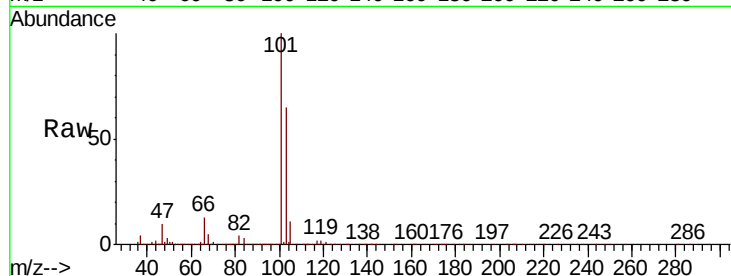


#7

Trichlorofluoromethane
Concen: 18.884 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006764.D
Acq: 22 Dec 2018 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX1222WBS01

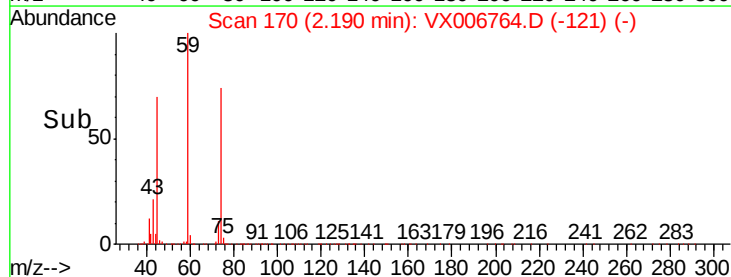
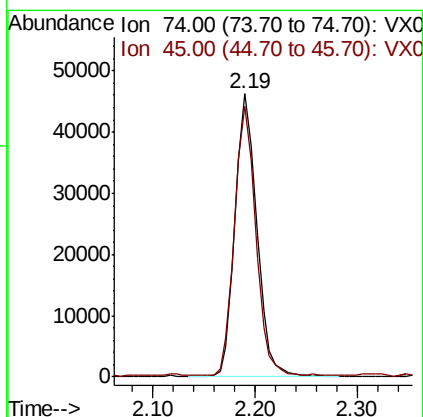
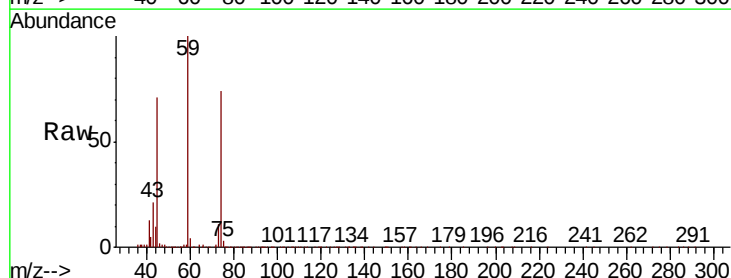
Tot Ion:101 Resp: 178684
Ion Ratio Lower Upper
101 100
103 64.8 53.2 79.8

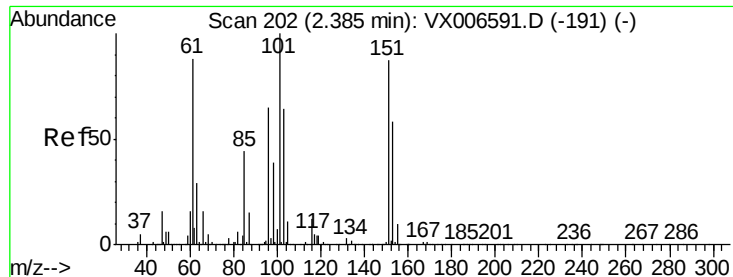


#8

Diethyl Ether
Concen: 18.221 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006764.D
Acq: 22 Dec 2018 11:43

Tgt Ion: 74 Resp: 68478
Ion Ratio Lower Upper
74 100
45 92.5 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.445 ug/l

RT: 2.38 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBS01

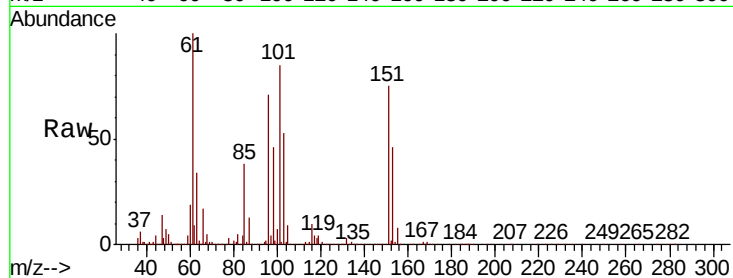
Tot Ion:101 Resp: 108028

Ion Ratio Lower Upper

101 100

85 44.5 35.1 52.7

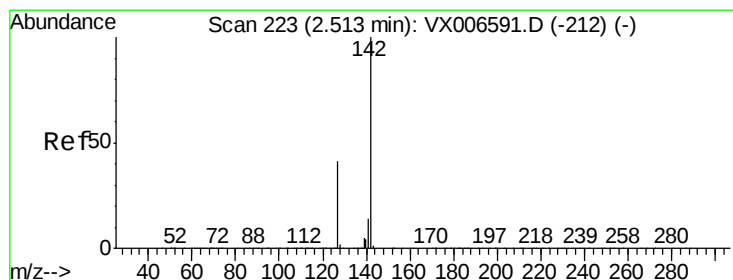
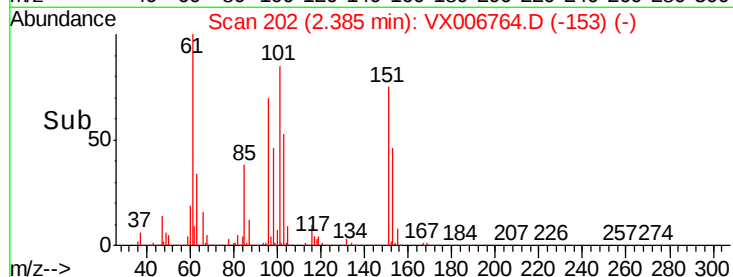
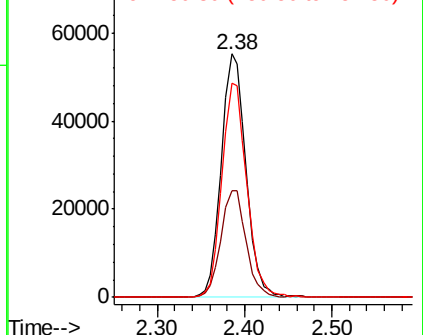
151 88.7 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.300 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

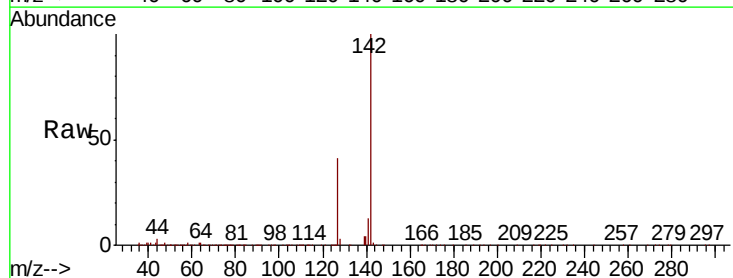
Tgt Ion:142 Resp: 137580

Ion Ratio Lower Upper

142 100

127 42.2 33.9 50.9

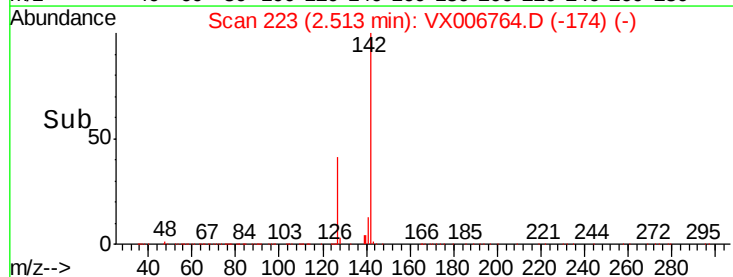
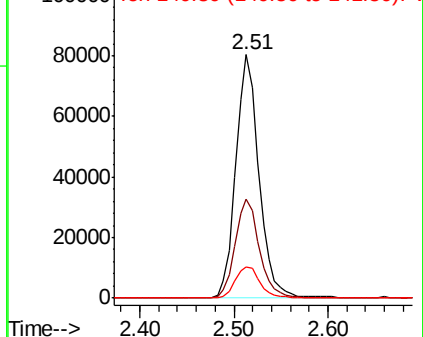
141 14.1 11.4 17.0

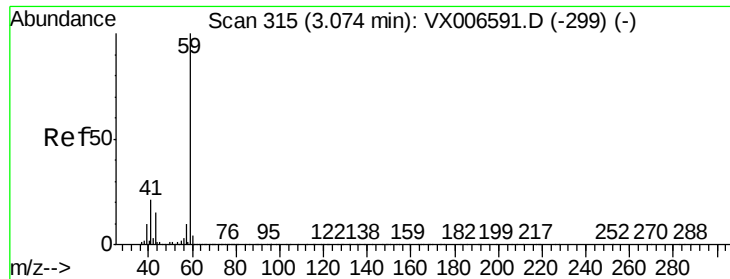


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



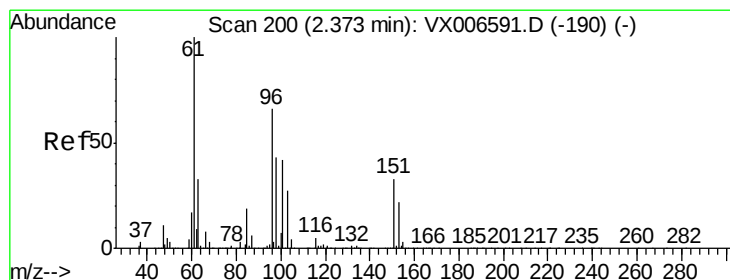
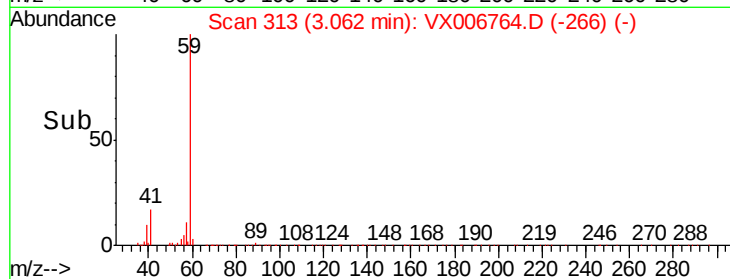
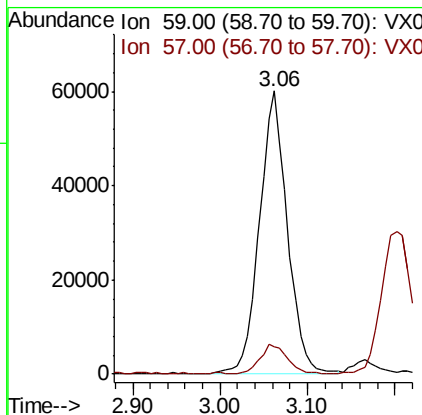
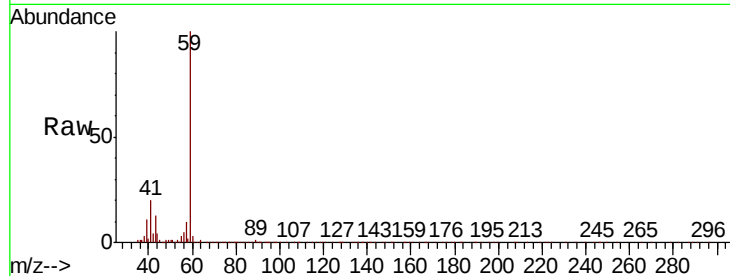


#11

Tert butyl alcohol
 Concen: 94.351 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.01 min
 Lab File: VX006764.D
 Acq: 22 Dec 2018 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1222WBS01

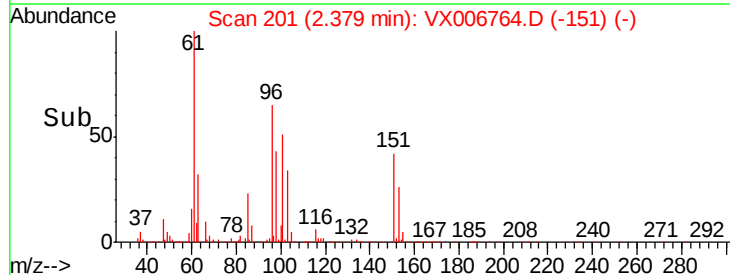
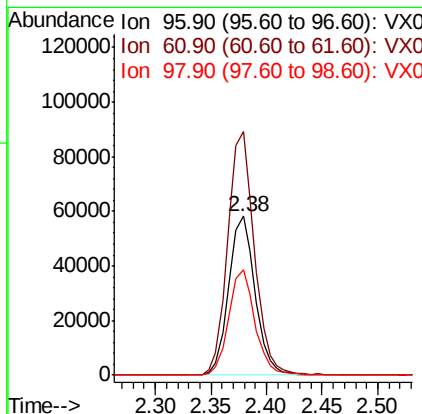
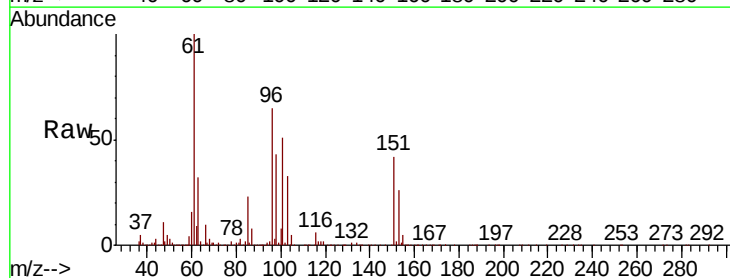
Tot Ion: 59 Resp: 133800
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.5 12.7

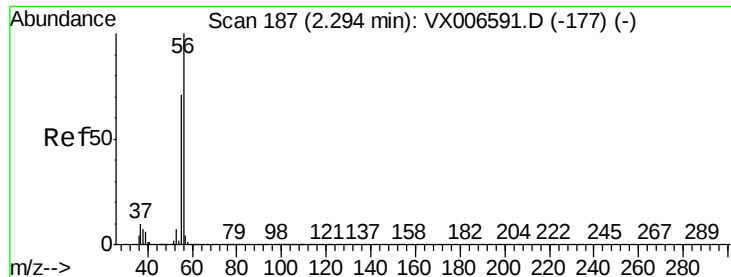


#12

1,1-Dichloroethene
 Concen: 18.124 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX006764.D
 Acq: 22 Dec 2018 11:43

Tgt Ion: 96 Resp: 95473
 Ion Ratio Lower Upper
 96 100
 61 153.0 121.4 182.2
 98 66.3 51.9 77.9





#13

Acrolein

Concen: 90.631 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

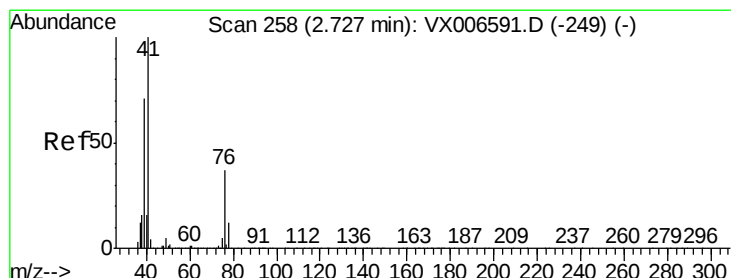
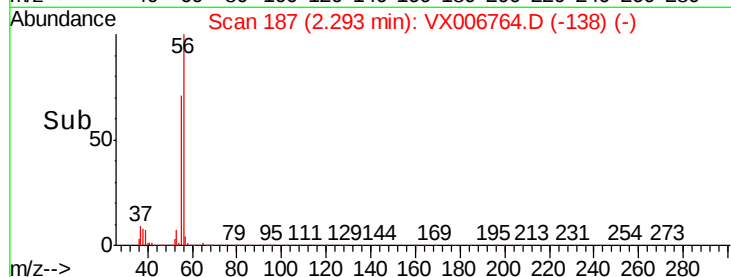
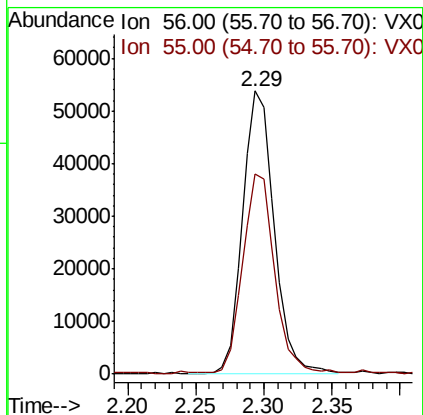
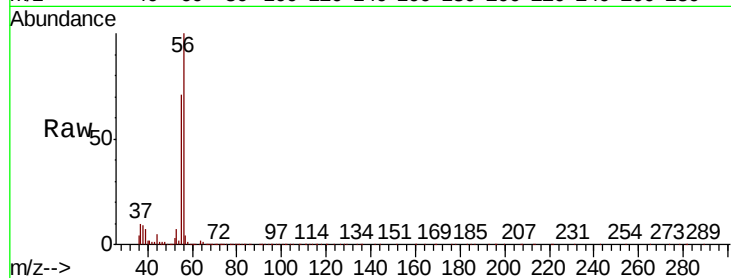
VX1222WBS01

Tot Ion: 56 Resp: 86704

Ion Ratio Lower Upper

56 100

55 71.1 58.2 87.4



#14

Allyl chloride

Concen: 18.392 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

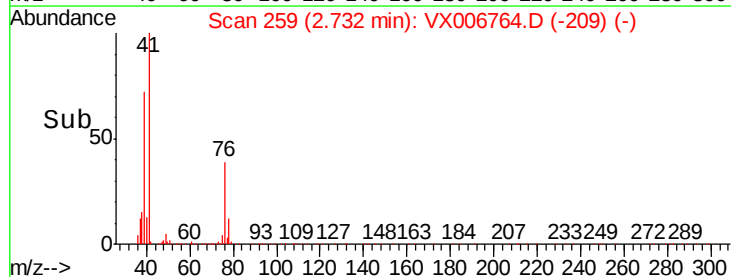
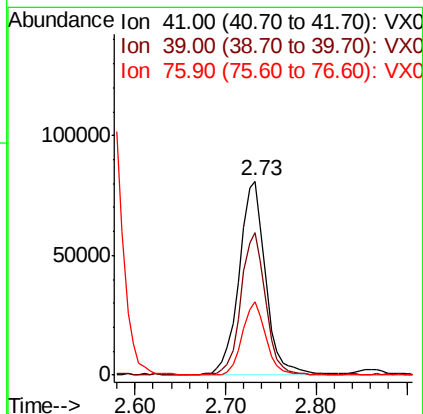
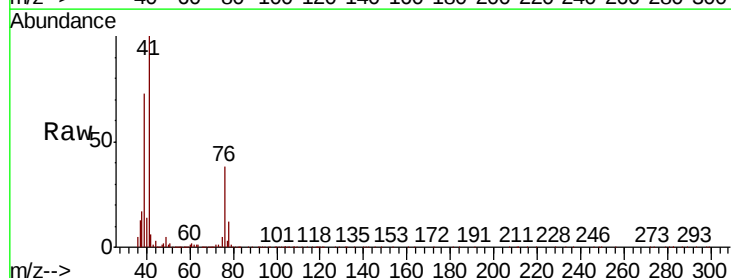
Tgt Ion: 41 Resp: 163082

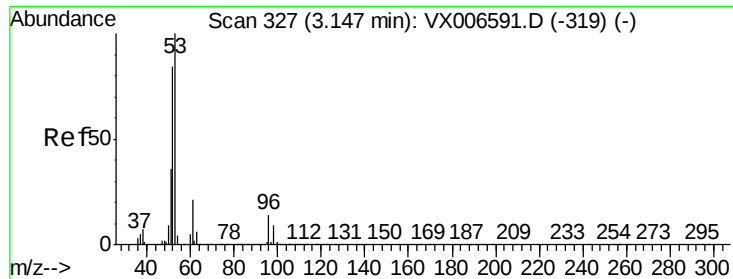
Ion Ratio Lower Upper

41 100

39 68.2 53.6 80.4

76 33.3 27.4 41.2





#15

Acrylonitrile

Concen: 96.277 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBS01

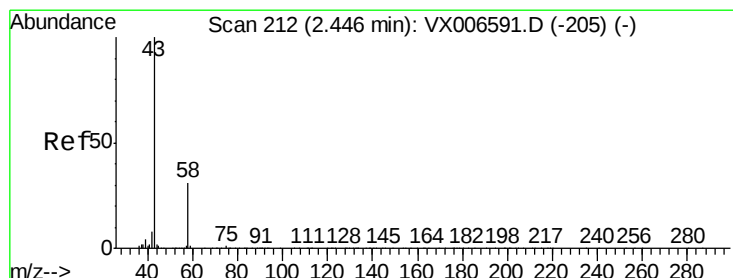
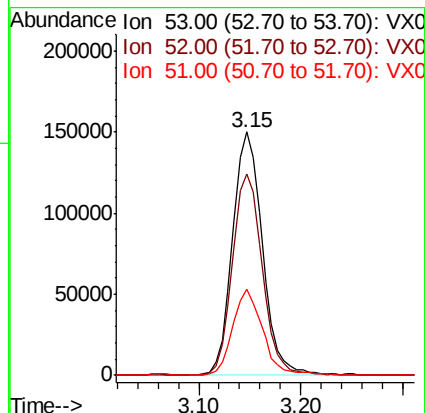
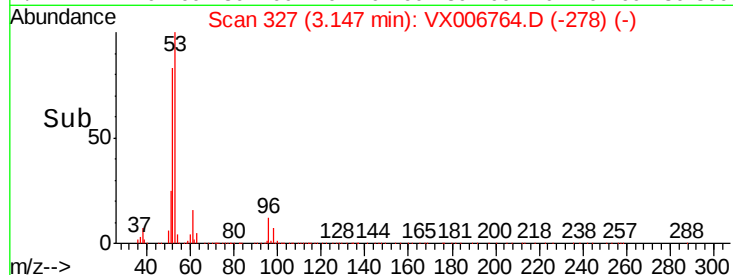
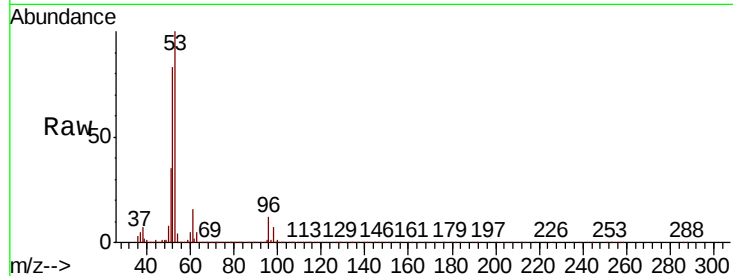
Tot Ion: 53 Resp: 303143

Ion Ratio Lower Upper

53 100

52 82.8 66.0 99.0

51 35.3 28.6 42.8



#16

Acetone

Concen: 99.855 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006764.D

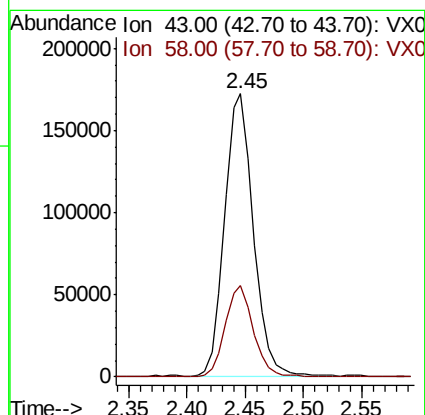
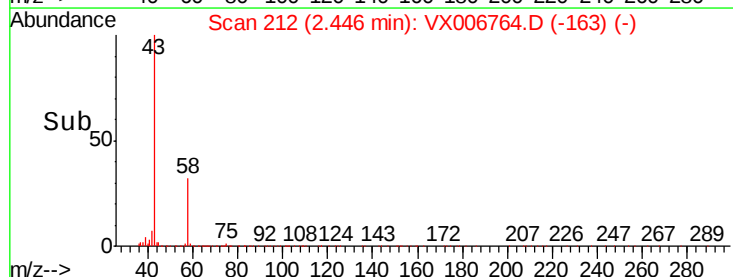
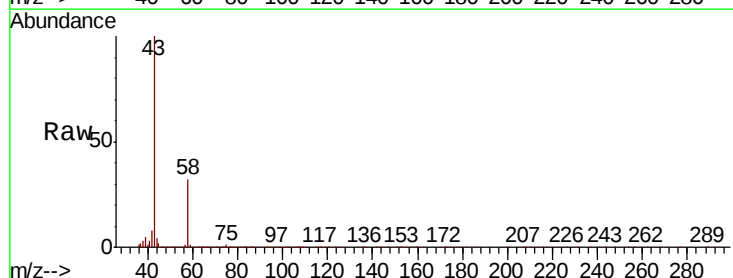
Acq: 22 Dec 2018 11:43

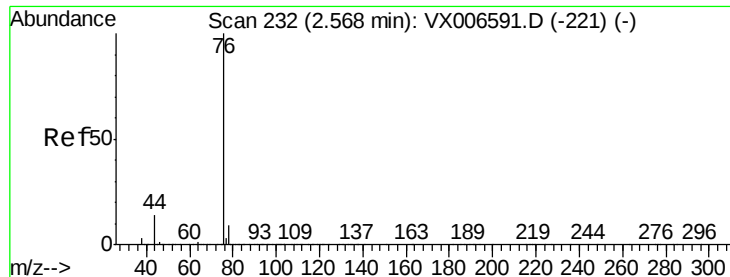
Tgt Ion: 43 Resp: 291516

Ion Ratio Lower Upper

43 100

58 32.1 25.0 37.6





#17

Carbon Disulfide

Concen: 15.427 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

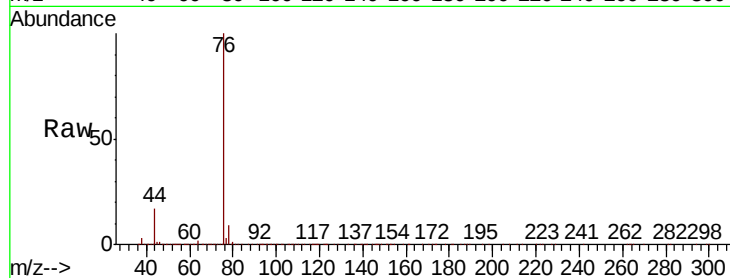
VX1222WBS01

Tot Ion: 76 Resp: 215059

Ion Ratio Lower Upper

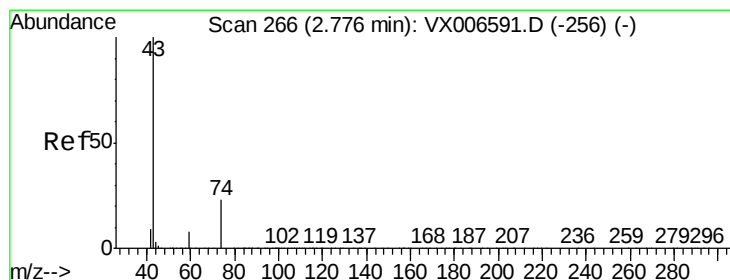
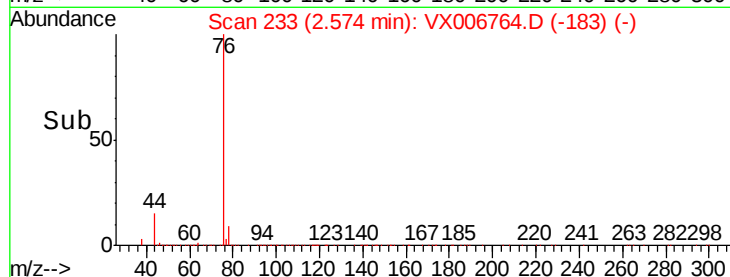
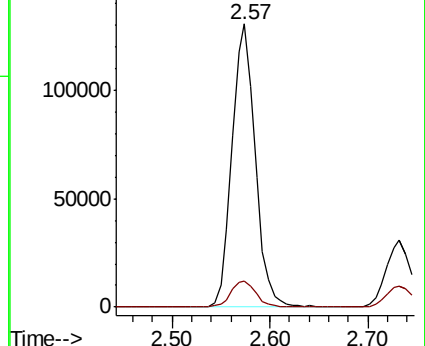
76 100

78 9.4 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.496 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX006764.D

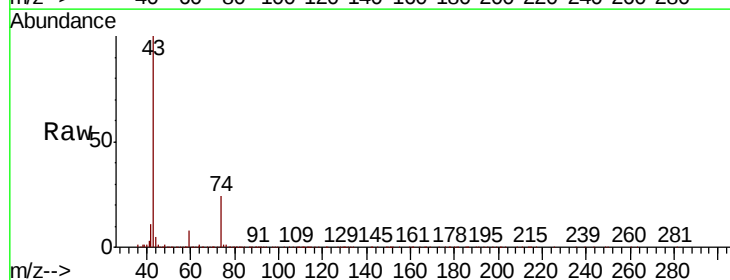
Acq: 22 Dec 2018 11:43

Tgt Ion: 43 Resp: 175945

Ion Ratio Lower Upper

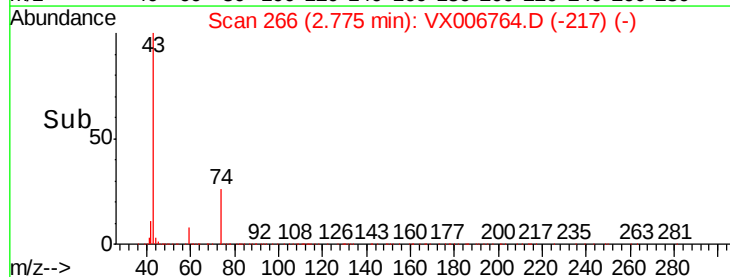
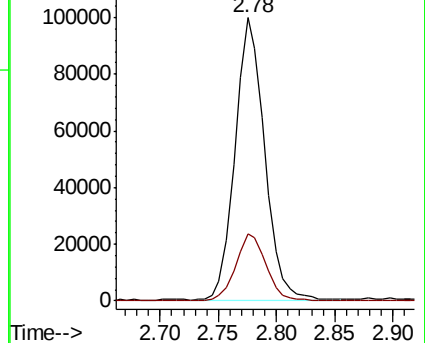
43 100

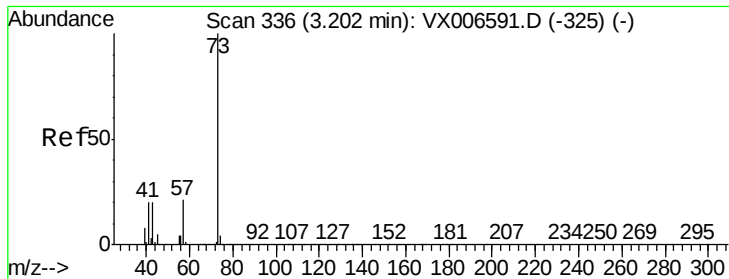
74 24.9 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

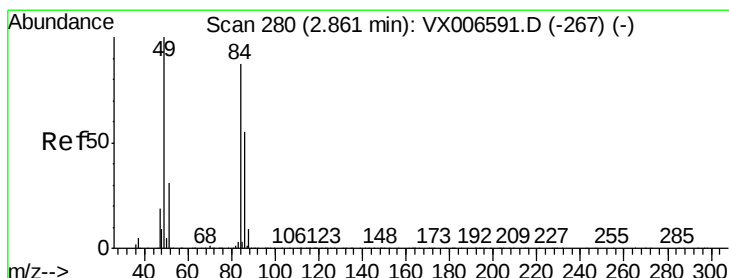
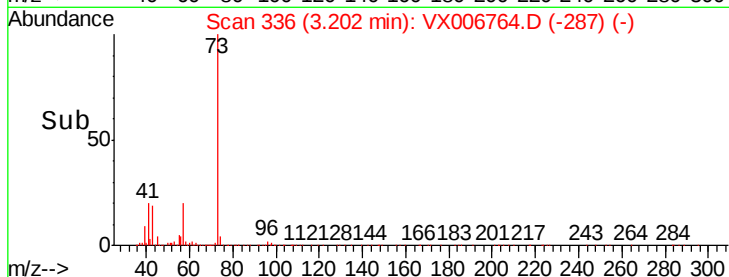
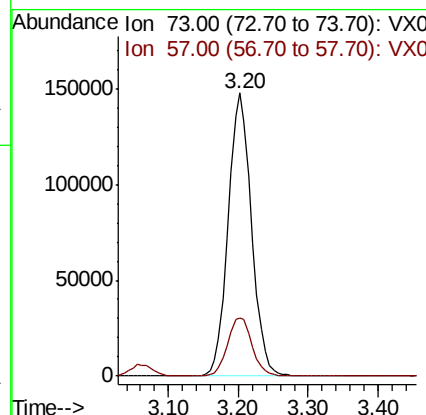
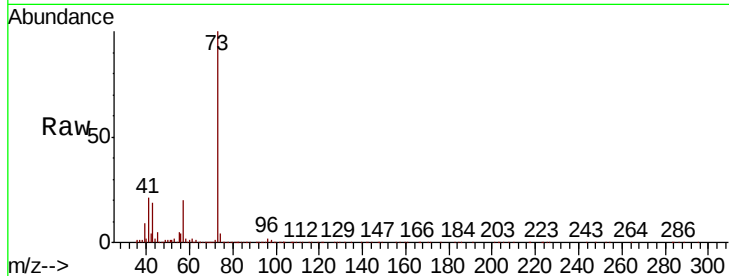




#19
Methvl tert-butvl Ether
Concen: 19.527 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006764.D
Acq: 22 Dec 2018 11:43

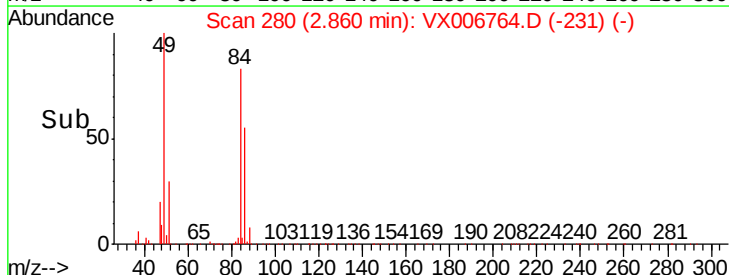
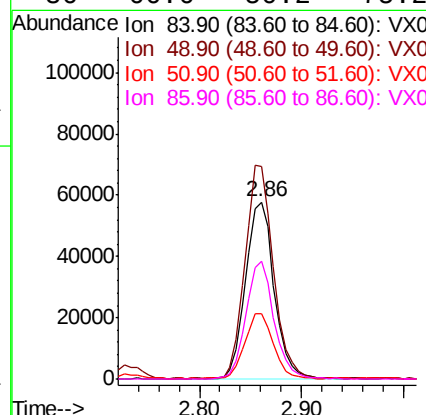
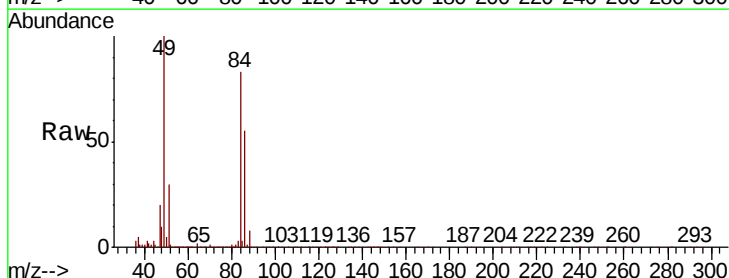
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBS01

Tot Ion: 73 Resp: 341409
Ion Ratio Lower Upper
73 100
57 20.4 16.8 25.2



#20
Methylene Chloride
Concen: 18.633 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006764.D
Acq: 22 Dec 2018 11:43

Tgt Ion: 84 Resp: 112484
Ion Ratio Lower Upper
84 100
49 119.8 91.8 137.6
51 36.2 28.5 42.7
86 66.6 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 17.883 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBS01

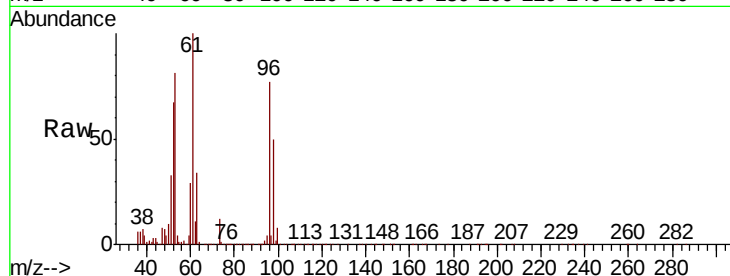
Tot Ion: 96 Resp: 104380

Ion Ratio Lower Upper

96 100

61 130.1 103.7 155.5

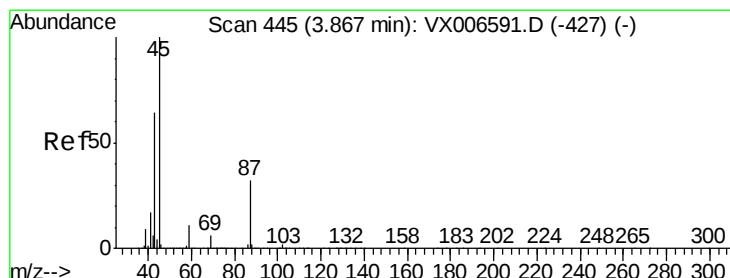
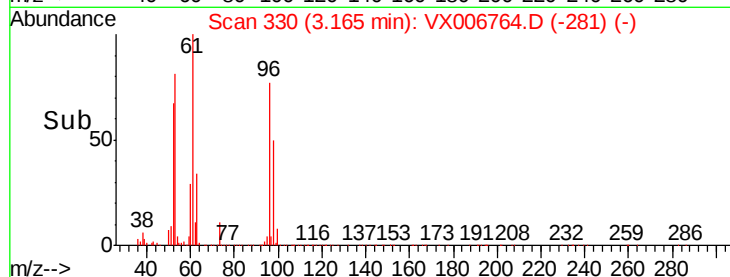
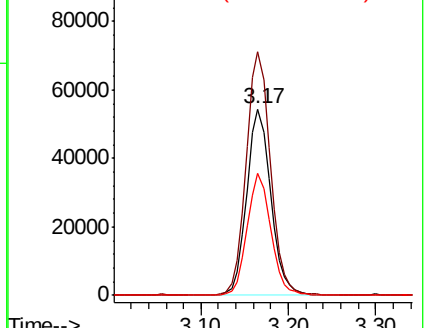
98 65.2 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.810 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Tgt Ion: 45 Resp: 321344

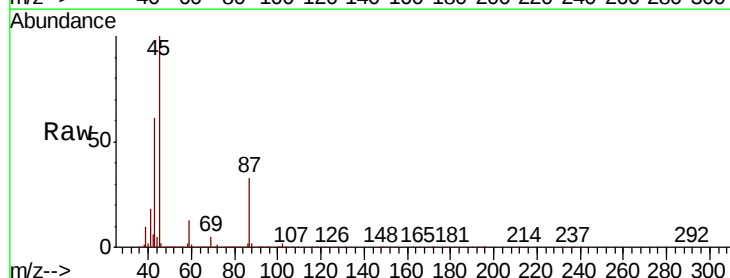
Ion Ratio Lower Upper

45 100

43 60.7 51.2 76.8

87 32.5 25.8 38.6

59 12.6 9.0 13.4

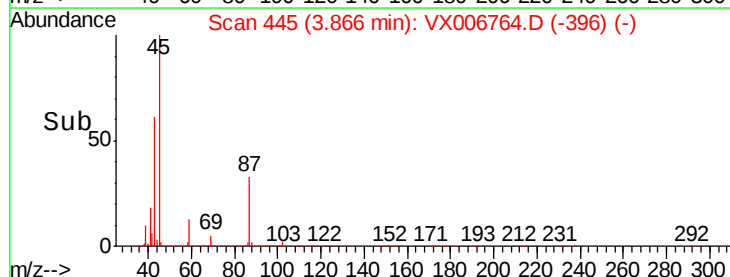
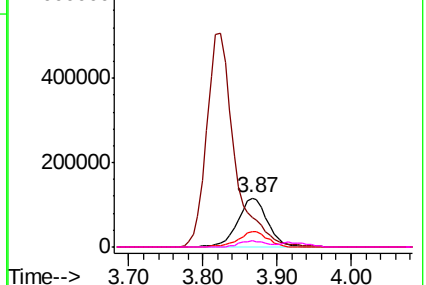


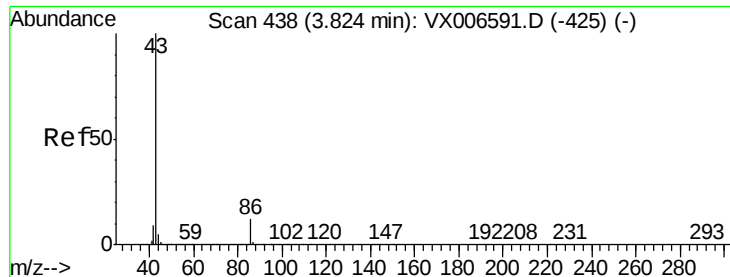
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 98.542 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

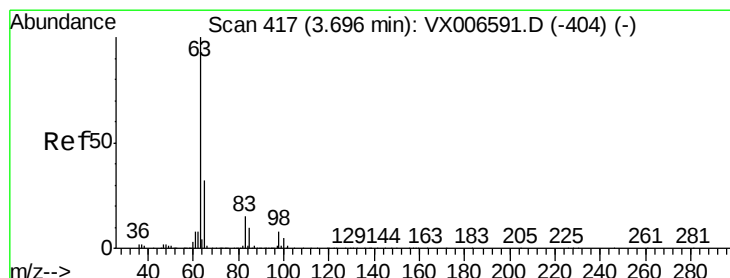
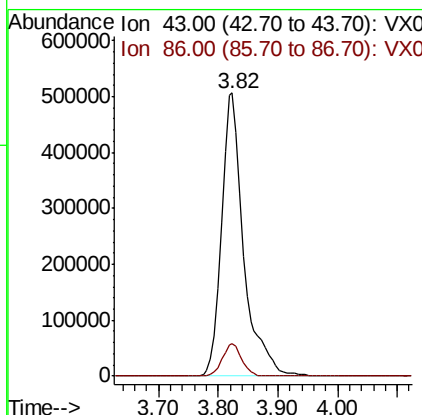
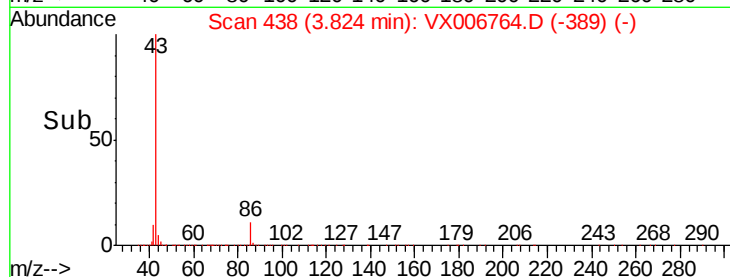
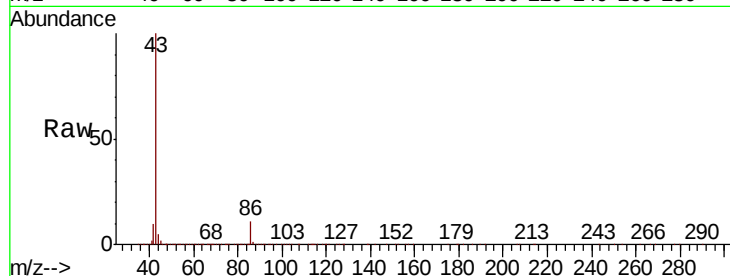
VX1222WBS01

Tot Ion: 43 Resp: 1307523

Ion Ratio Lower Upper

43 100

86 11.3 9.2 13.8



#24

1,1-Dichloroethane

Concen: 18.995 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

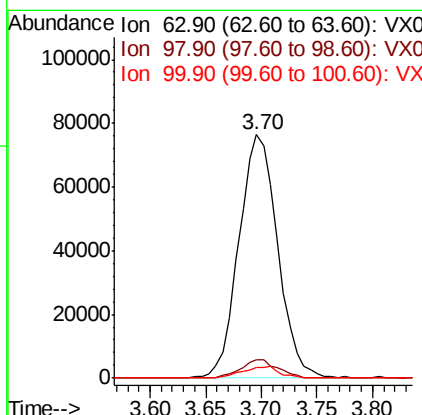
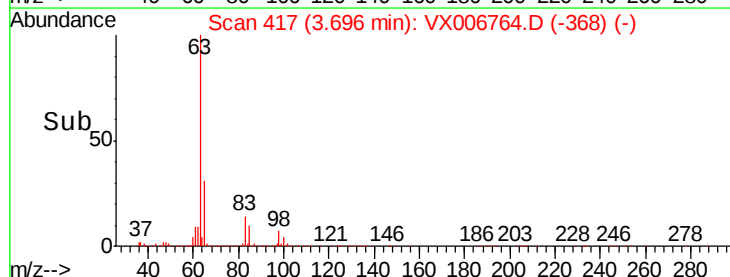
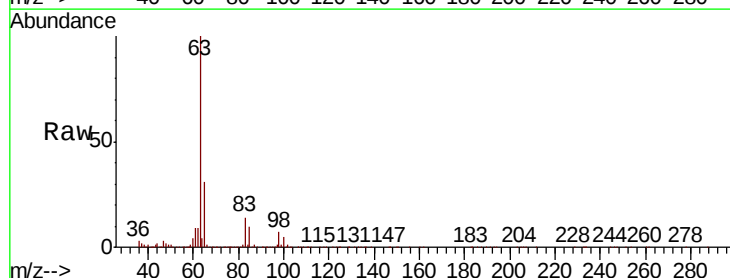
Tgt Ion: 63 Resp: 183939

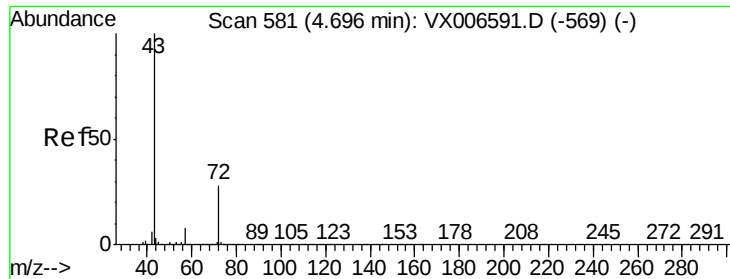
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

100 4.4 2.4 7.2

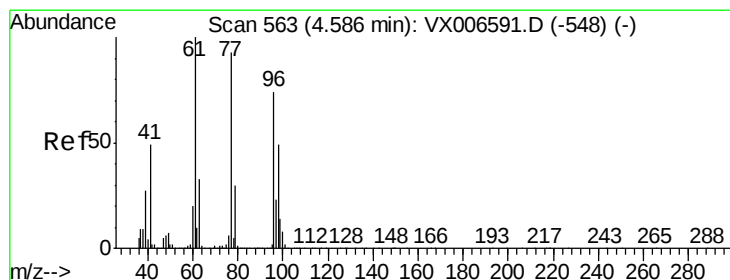
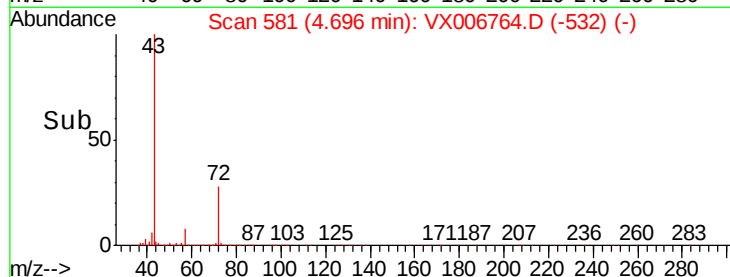
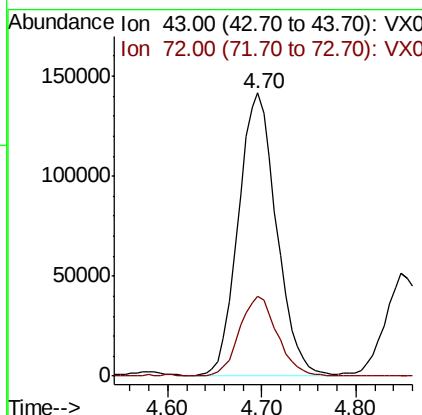
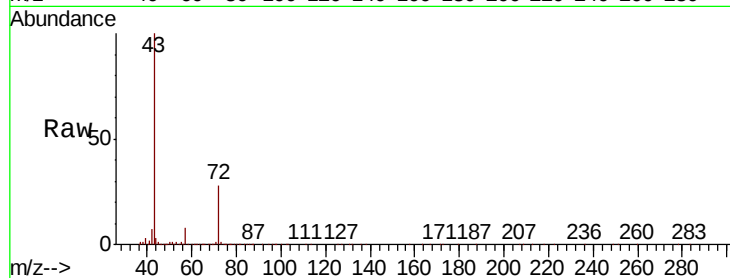




#25
2-Butanone
Concen: 97.481 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.00 min
Lab File: VX006764.D
Acq: 22 Dec 2018 11:43

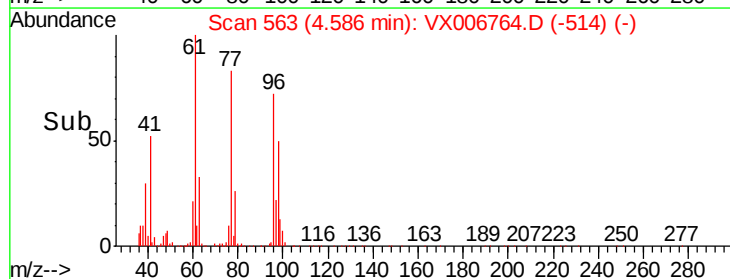
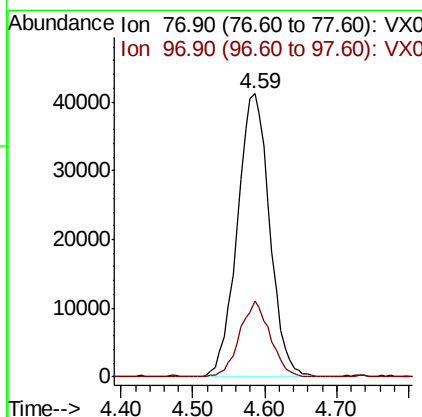
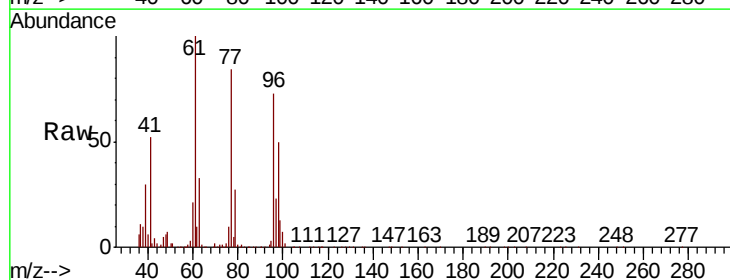
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBS01

Tot Ion: 43 Resp: 400302
Ion Ratio Lower Upper
43 100
72 27.9 22.4 33.6



#26
2,2-Dichloropropane
Concen: 17.128 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX006764.D
Acq: 22 Dec 2018 11:43

Tgt Ion: 77 Resp: 128120
Ion Ratio Lower Upper
77 100
97 25.5 12.4 37.4



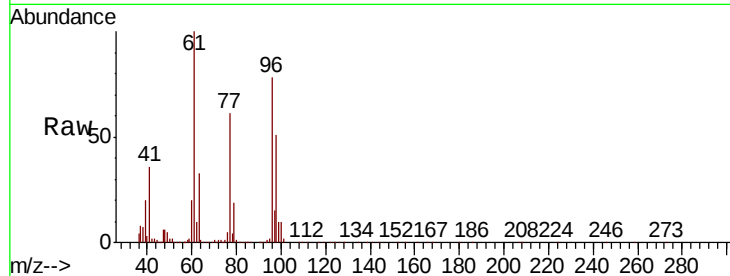


#27

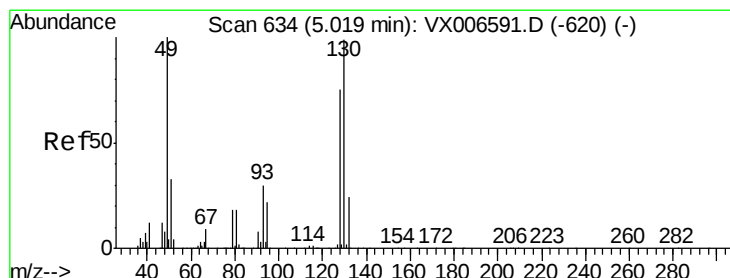
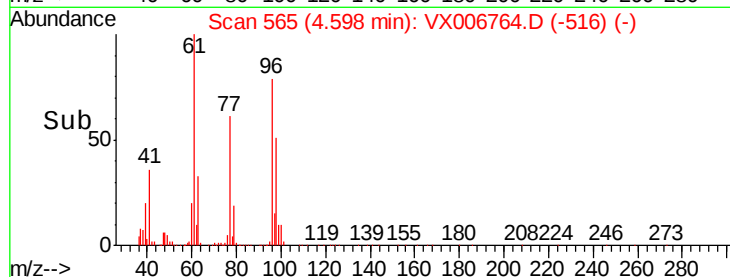
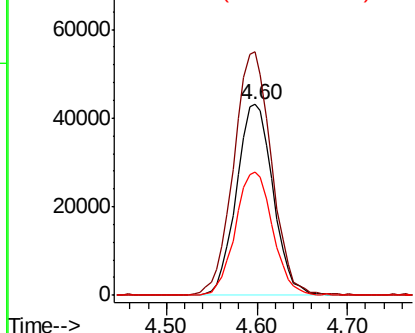
cis-1,2-Dichloroethene
 Concen: 18.770 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX006764.D
 Acq: 22 Dec 2018 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1222WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.6	0.0	258.6
98	66.0	0.0	132.0



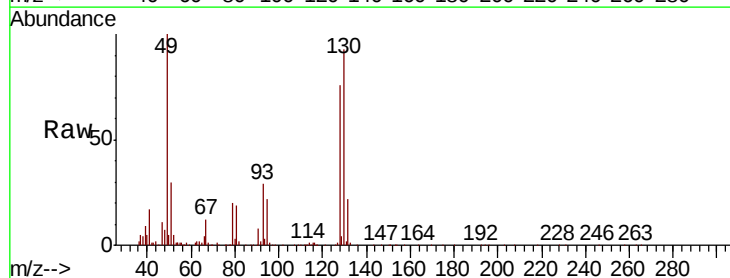
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



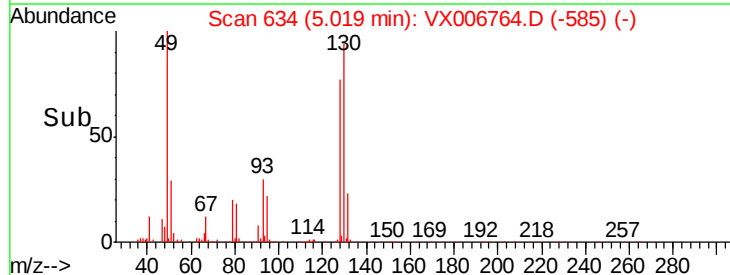
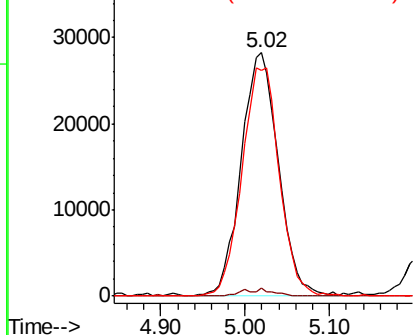
#28

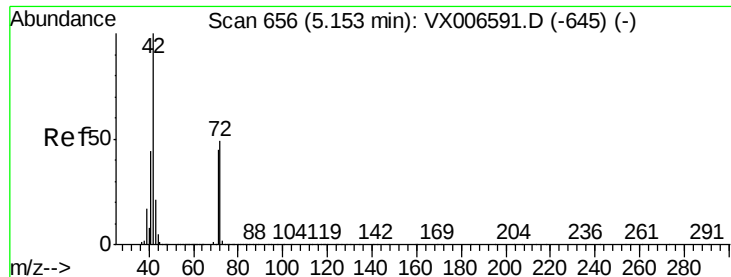
Bromochloromethane
 Concen: 19.620 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX006764.D
 Acq: 22 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	5.4
130	94.2	77.7	116.5



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

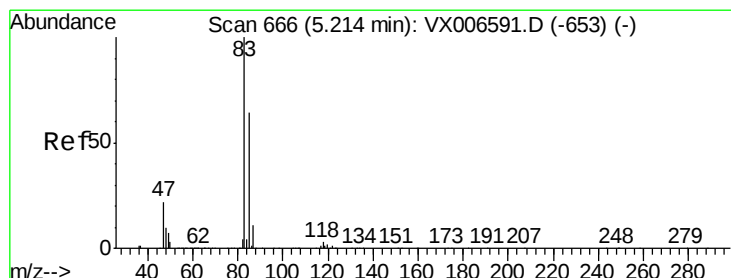
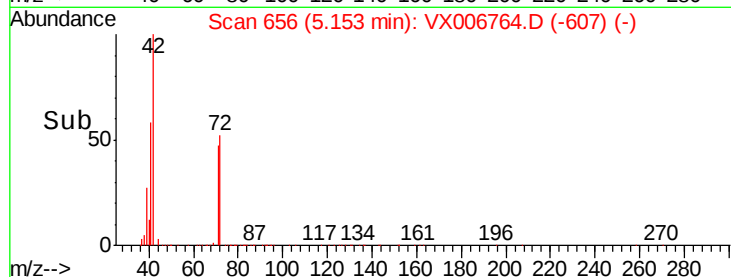
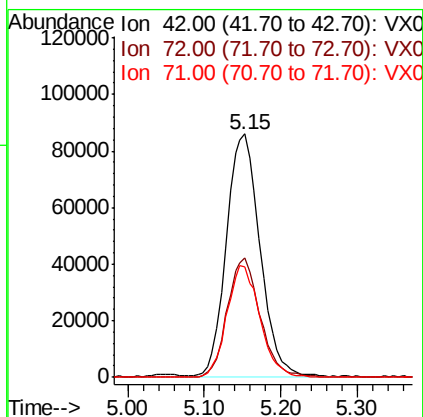
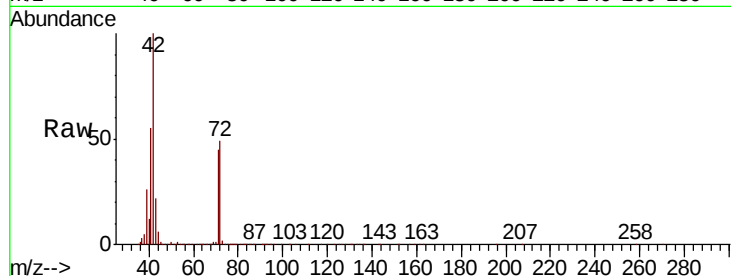




#29
Tetrahydrofuran
Concen: 96.434 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006764.D
Acq: 22 Dec 2018 11:43

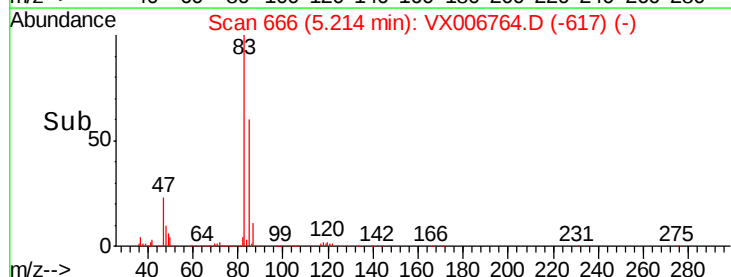
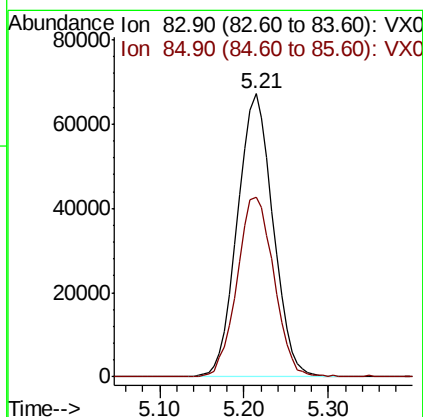
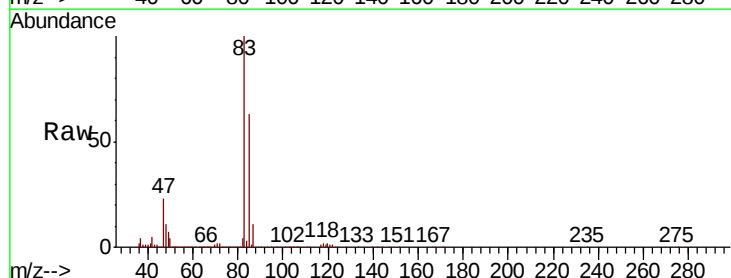
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBS01

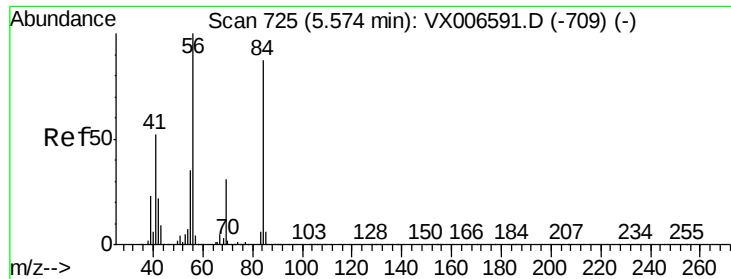
Tot Ion	Ratio	Lower	Upper
42	100		
72	48.2	38.9	58.3
71	45.0	36.2	54.4



#30
Chloroform
Concen: 19.187 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006764.D
Acq: 22 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.2	76.8

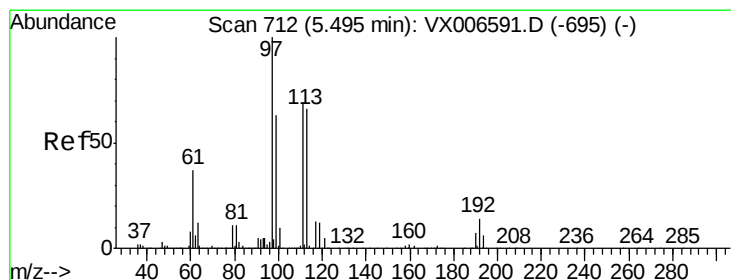
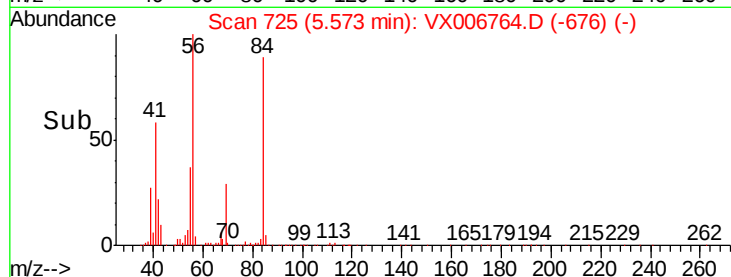
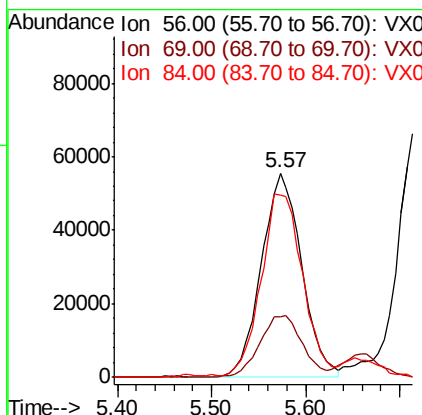
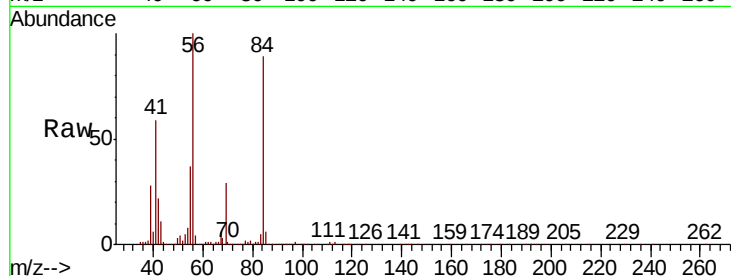




#31
Cyclohexane
Concen: 18.927 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006764.D
Acq: 22 Dec 2018 11:43

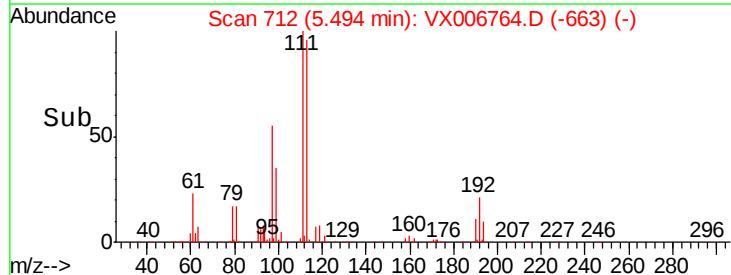
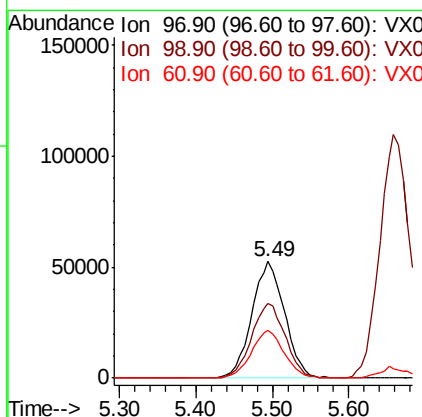
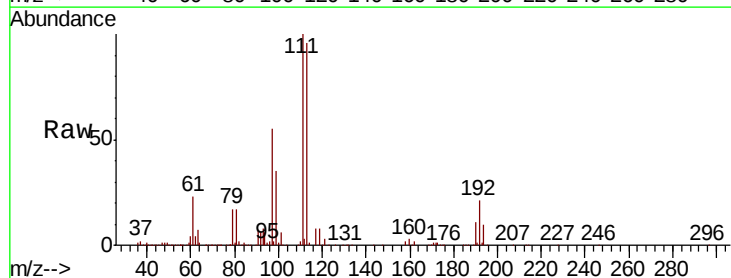
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBS01

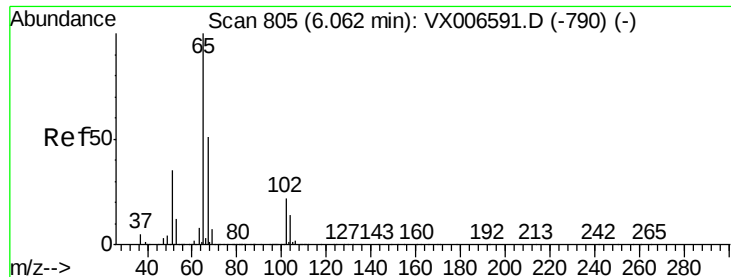
Tot Ion: 56 Resp: 166510
Ion Ratio Lower Upper
56 100
69 29.0 24.4 36.6
84 87.6 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 18.521 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006764.D
Acq: 22 Dec 2018 11:43

Tgt Ion: 97 Resp: 156824
Ion Ratio Lower Upper
97 100
99 65.6 51.7 77.5
61 41.3 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 48.479 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

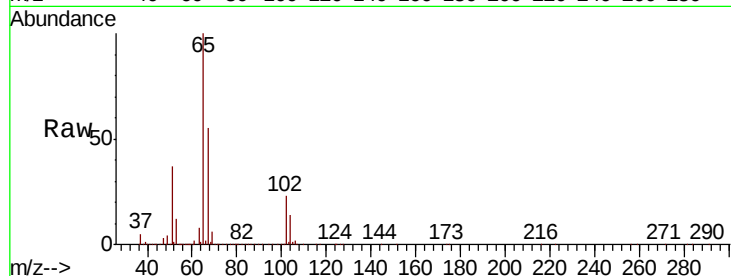
VX1222WBS01

Tot Ion: 65 Resp: 308052

Ion Ratio Lower Upper

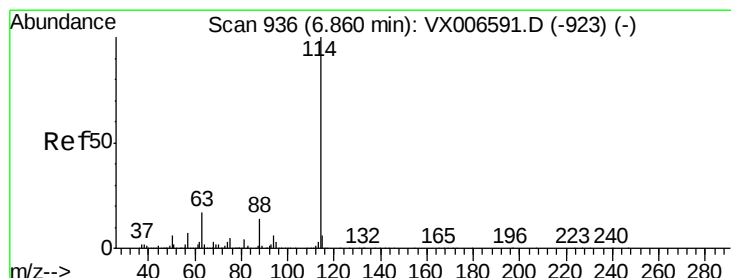
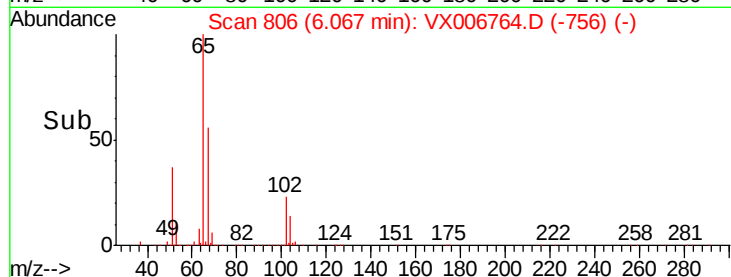
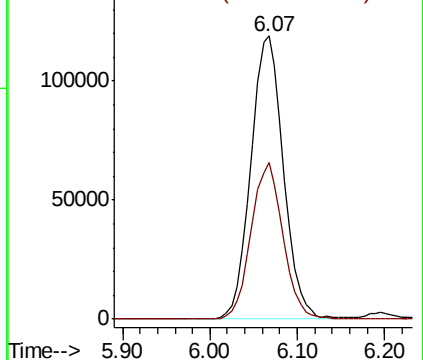
65 100

67 54.2 0.0 105.0



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. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

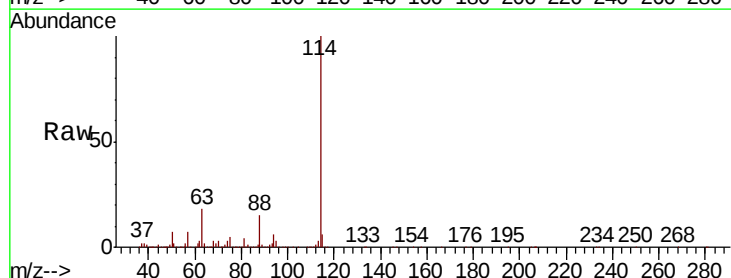
Tgt Ion: 114 Resp: 882473

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.8

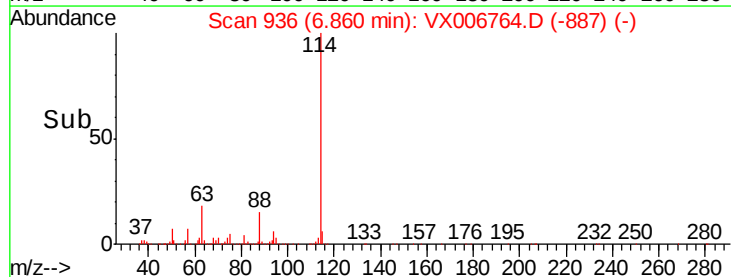
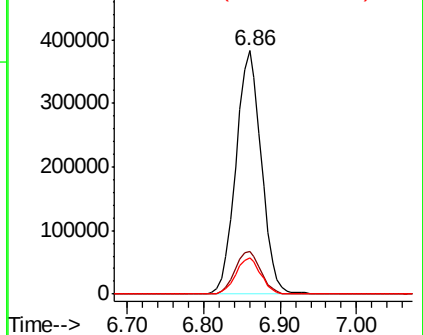
88 14.8 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.526 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBS01

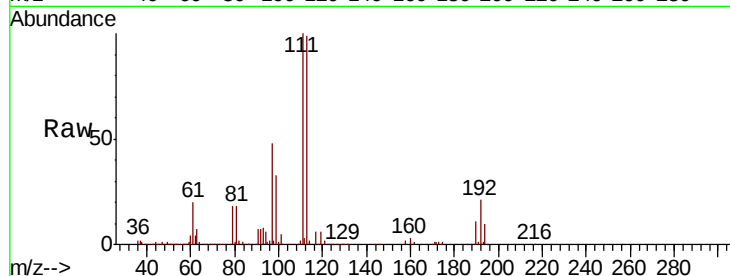
Tot Ion:113 Resp: 276387

Ion Ratio Lower Upper

113 100

111 102.2 81.6 122.4

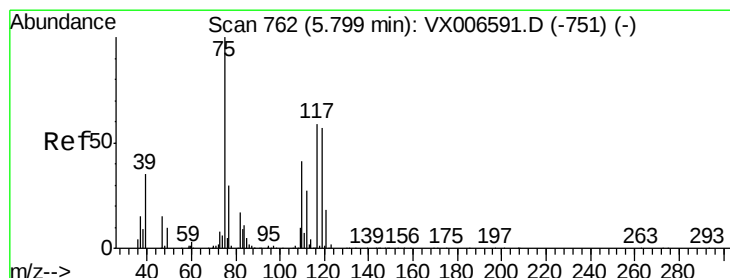
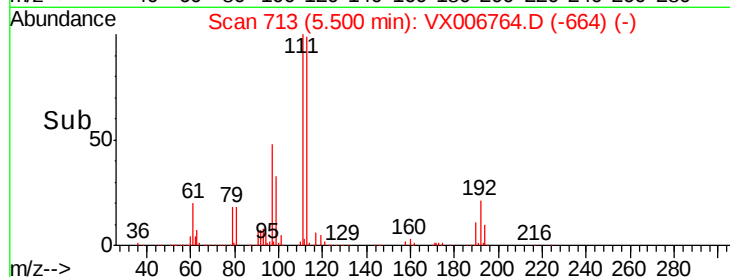
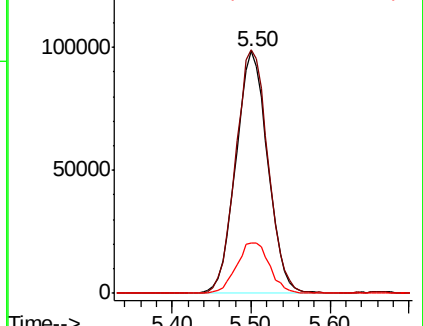
192 21.8 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.363 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

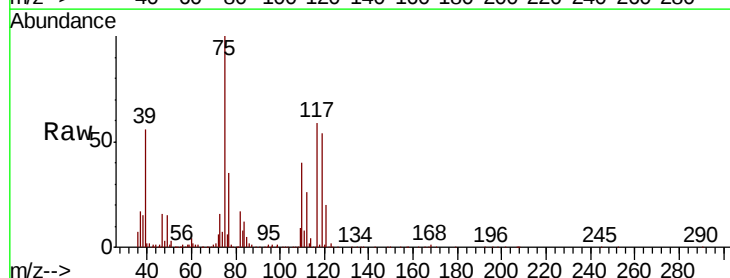
Tgt Ion: 75 Resp: 141521

Ion Ratio Lower Upper

75 100

110 40.4 20.2 60.5

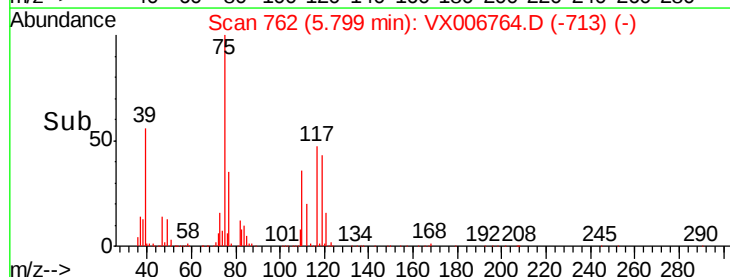
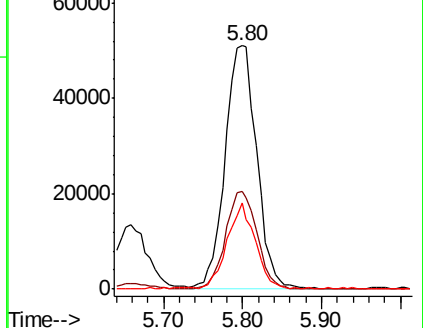
77 31.4 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

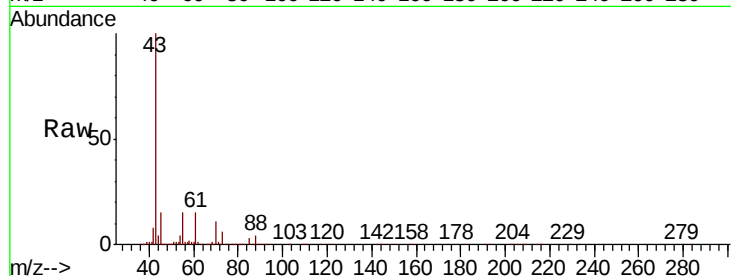




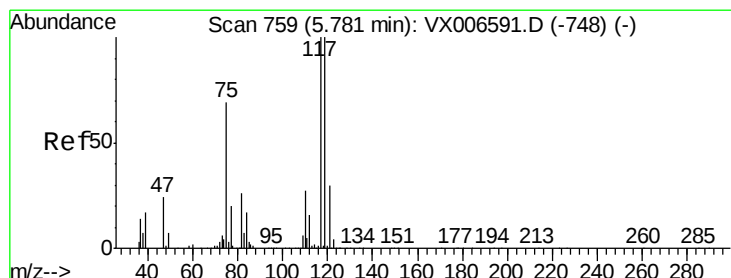
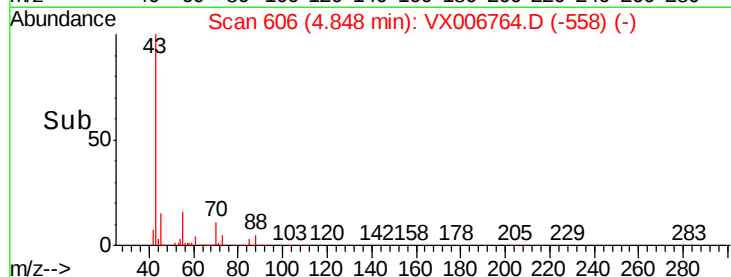
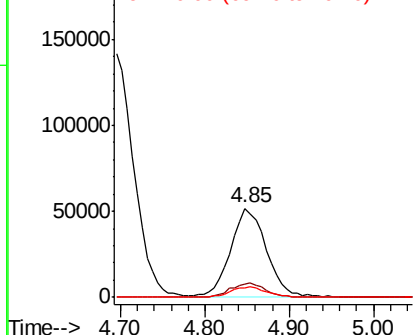
#37
Ethyl Acetate
Concen: 19.418 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX006764.D
Acq: 22 Dec 2018 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX1222WBS01

Tot Ion: 43 Resp: 147715
Ion Ratio Lower Upper
43 100
61 15.3 11.9 17.9
70 12.1 9.7 14.5

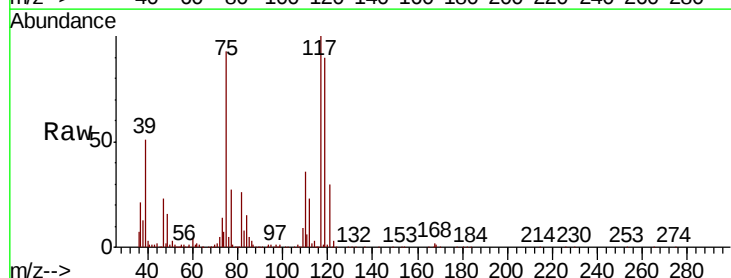


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

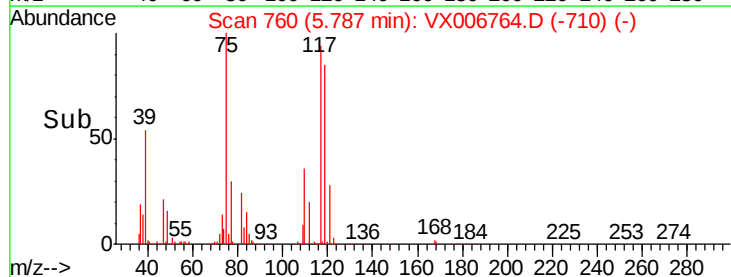
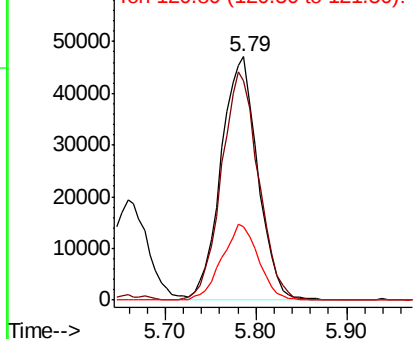


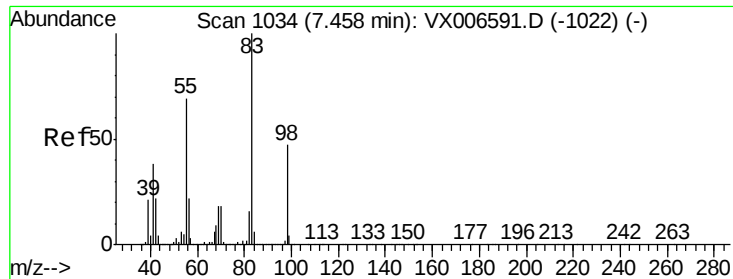
#38
Carbon Tetrachloride
Concen: 18.664 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006764.D
Acq: 22 Dec 2018 11:43

Tgt Ion: 117 Resp: 132569
Ion Ratio Lower Upper
117 100
119 89.7 79.4 119.2
121 30.0 24.0 36.0



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

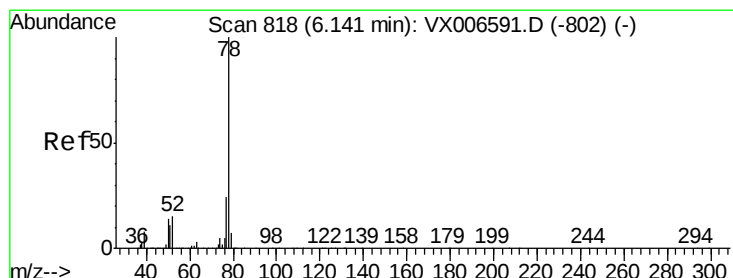
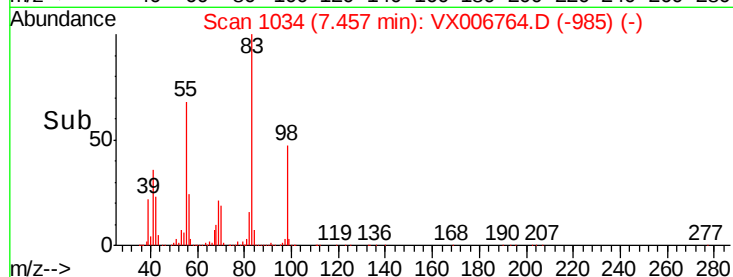
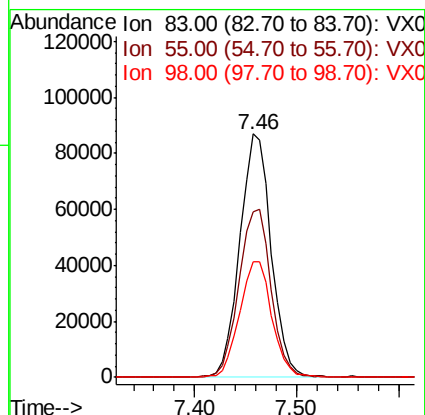
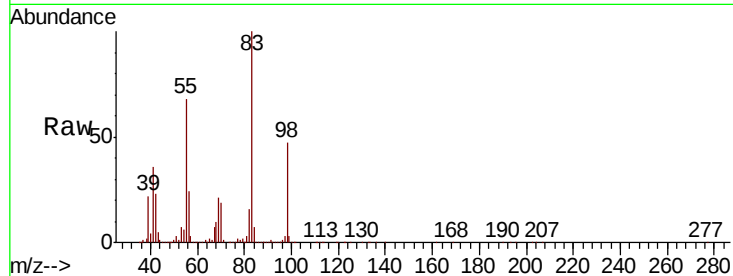




#39
Methvlcvclohexane
Concen: 19.243 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006764.D
Acq: 22 Dec 2018 11:43

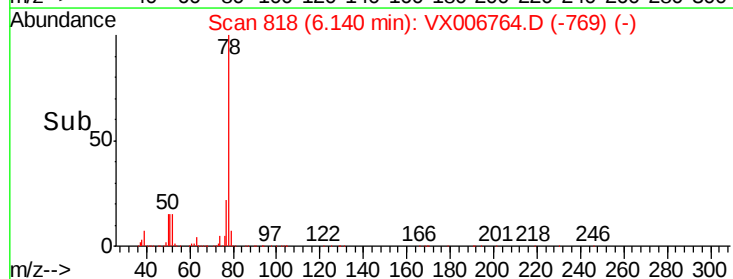
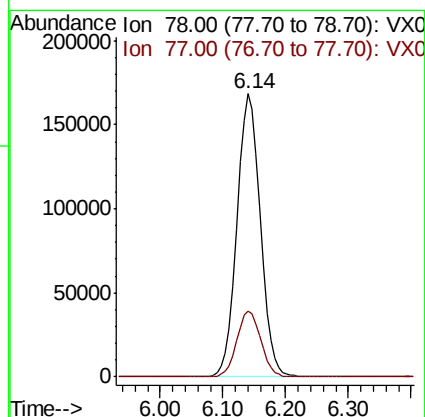
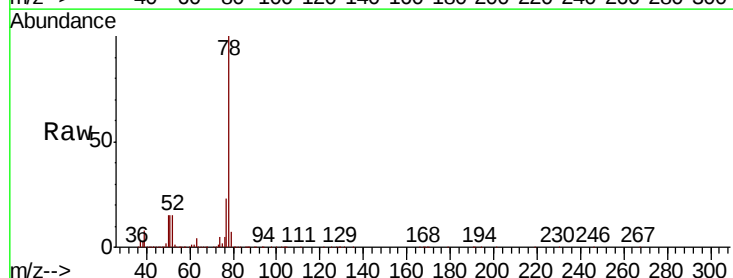
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBS01

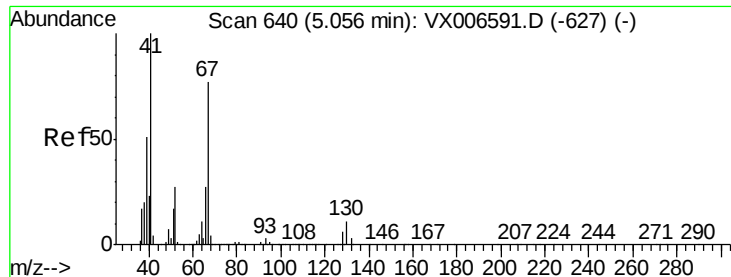
Tot Ion	83	Resp	185167
Ion Ratio	Lower	Upper	
83	100		
55	67.9	54.9	82.3
98	47.2	37.9	56.9



#40
Benzene
Concen: 19.630 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006764.D
Acq: 22 Dec 2018 11:43

Tgt Ion	78	Resp	436106
Ion Ratio	Lower	Upper	
78	100		
77	23.1	19.2	28.8





#41

Methacrylonitrile

Concen: 20.948 ug/l

RT: 5.05 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

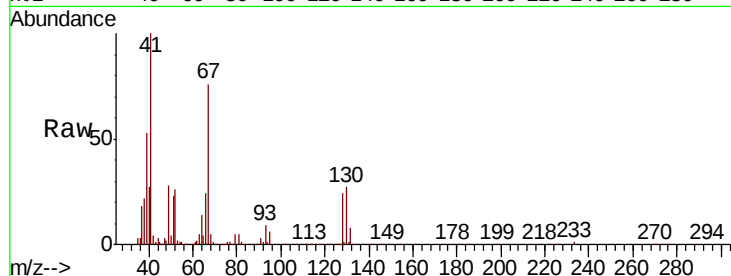
MSVOA_X

ClientSampleId :

VX1222WBS01

Tot Ion: 41 Resp: 84607

Ion	Ratio	Lower	Upper
41	100		
39	56.1	42.8	64.2
67	76.6	62.1	93.1
52	27.5	23.4	35.0

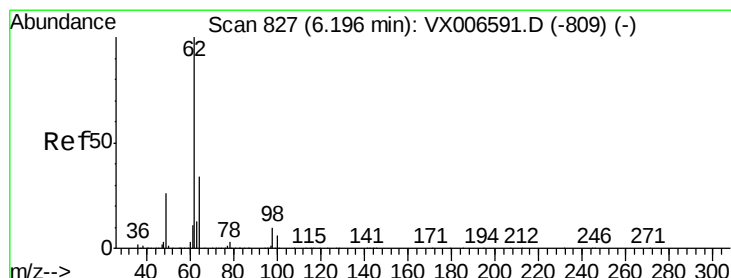
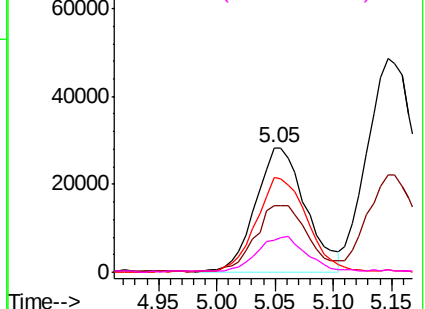
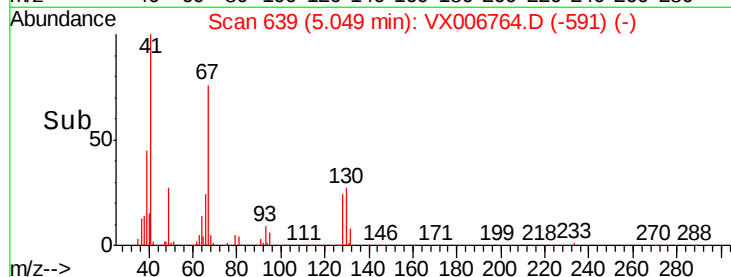


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.614 ug/l

RT: 6.20 min Scan# 827

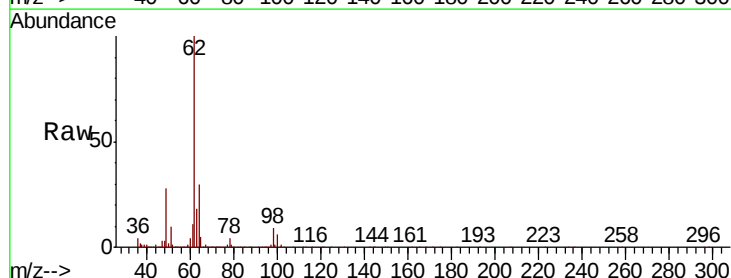
Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

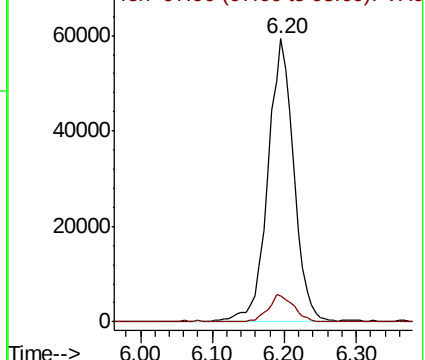
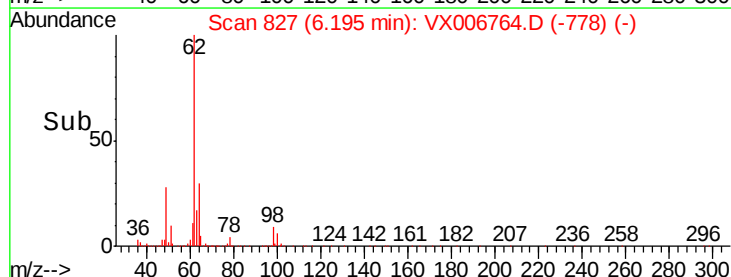
Tgt Ion: 62 Resp: 148490

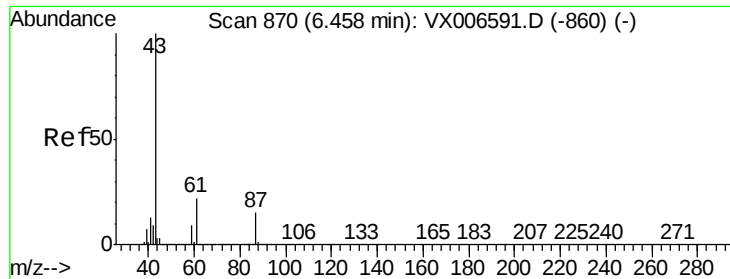
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.882 ug/l

RT: 6.45 min Scan# 869

Delta R.T. -0.01 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBS01

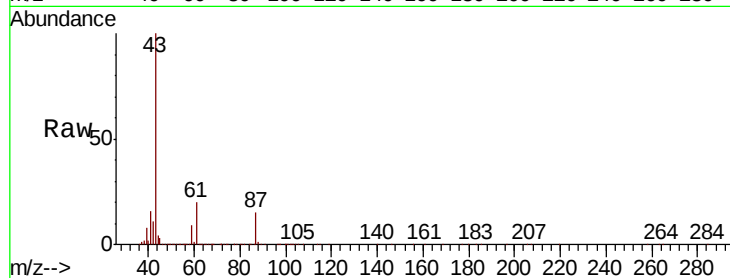
Tot Ion: 43 Resp: 230131

Ion Ratio Lower Upper

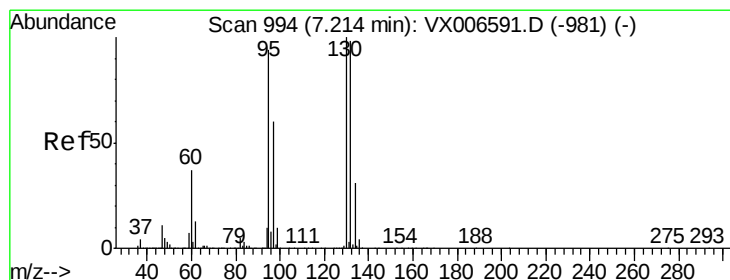
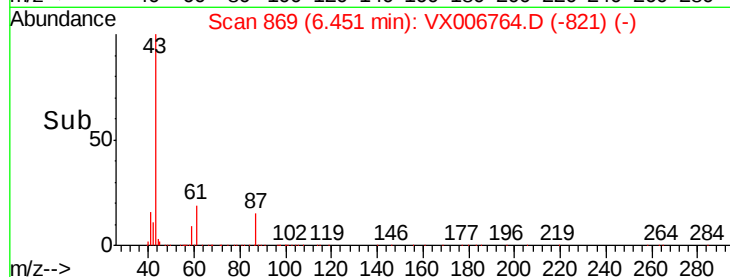
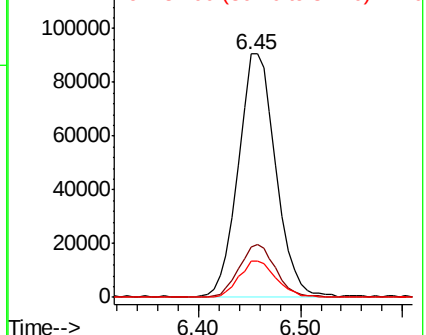
43 100

61 21.4 16.8 25.2

87 14.7 12.4 18.6



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: 18.756 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006764.D

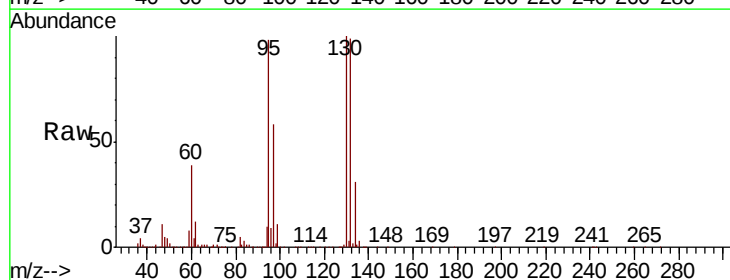
Acq: 22 Dec 2018 11:43

Tgt Ion:130 Resp: 126124

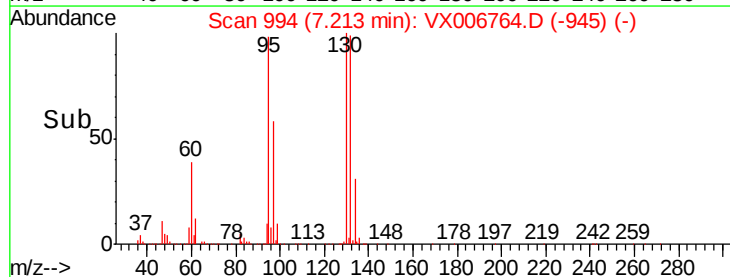
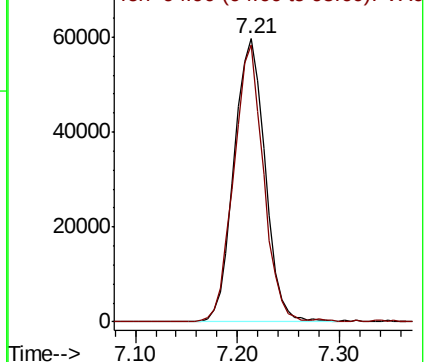
Ion Ratio Lower Upper

130 100

95 97.5 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.720 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

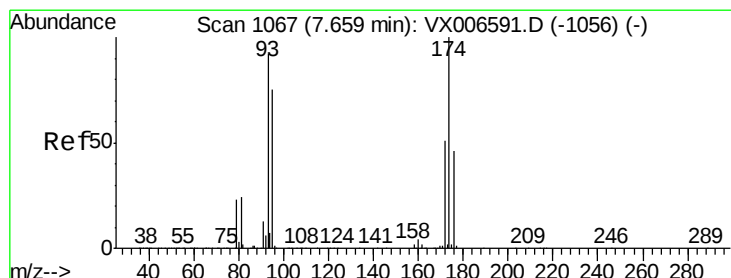
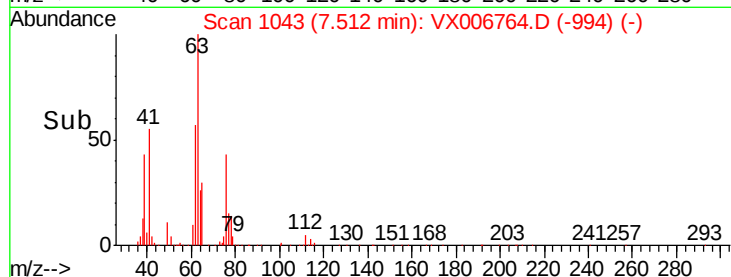
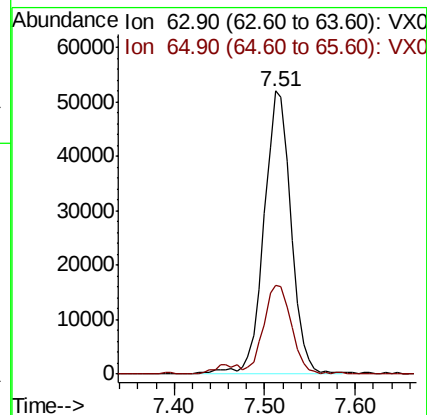
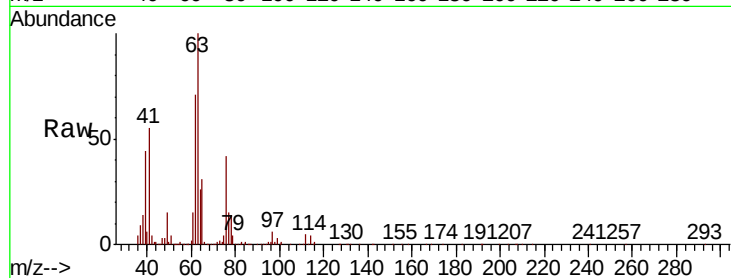
VX1222WBS01

Tot Ion: 63 Resp: 106613

Ion Ratio Lower Upper

63 100

65 31.0 25.4 38.0



#46

Dibromomethane

Concen: 19.358 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

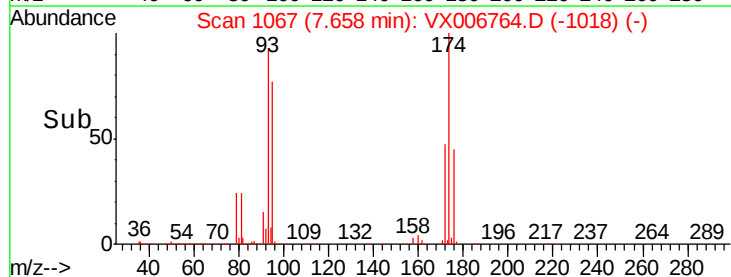
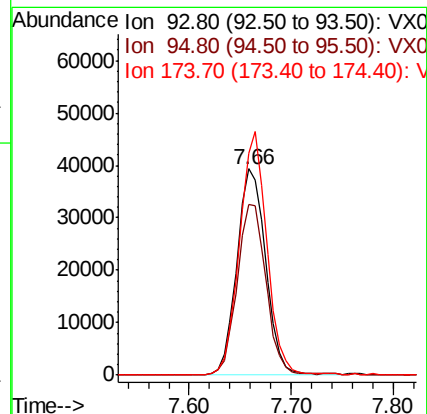
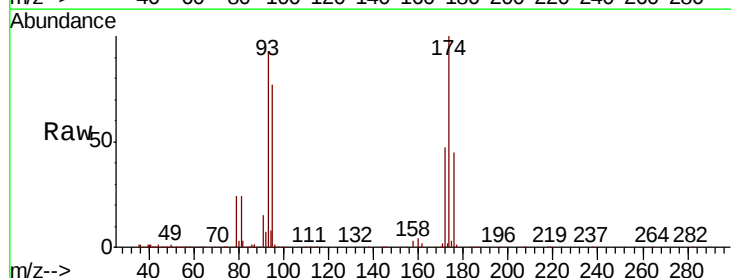
Tgt Ion: 93 Resp: 76981

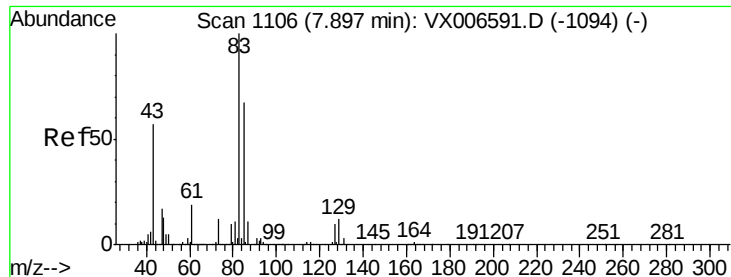
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.4

174 112.1 91.0 136.4





#47

Bromodichloromethane

Concen: 18.480 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBS01

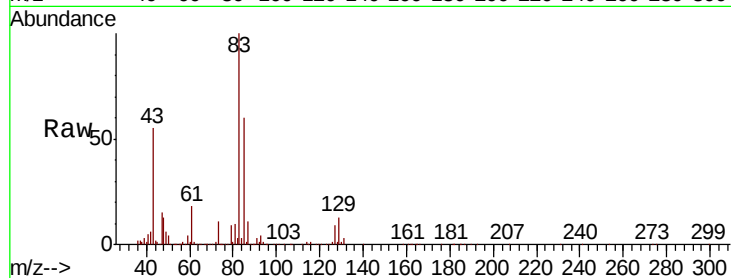
Tot Ion: 83 Resp: 122006

Ion Ratio Lower Upper

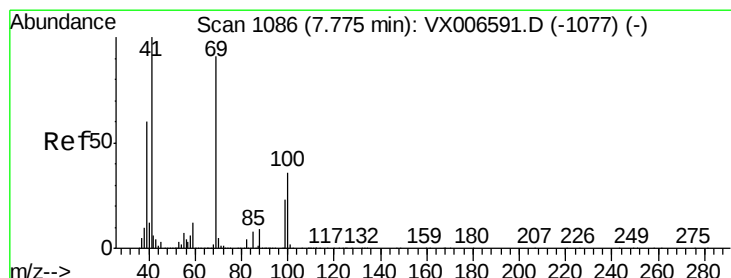
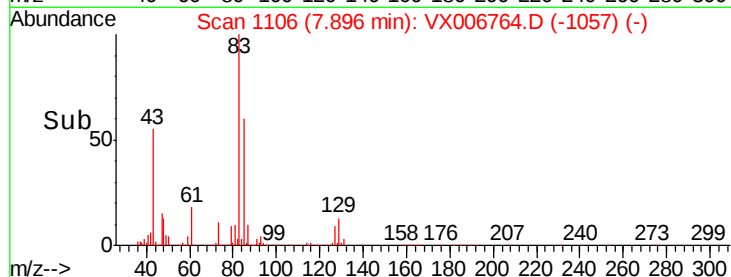
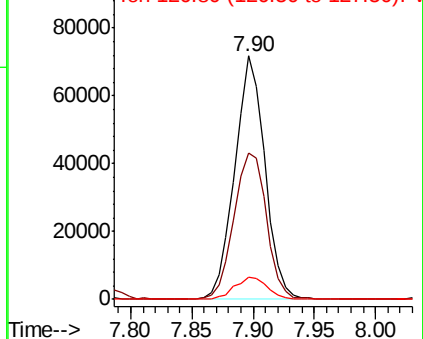
83 100

85 60.2 53.2 79.8

127 9.2 7.8 11.6



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

Methyl methacrylate

Concen: 20.498 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

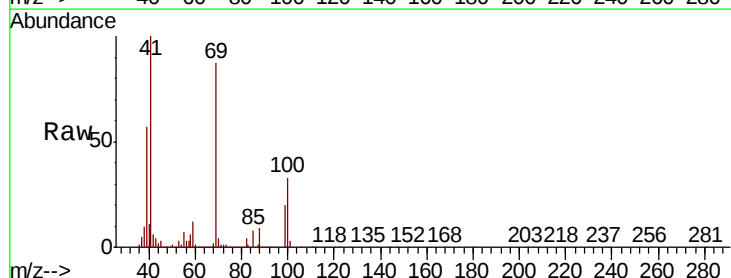
Tgt Ion: 41 Resp: 120651

Ion Ratio Lower Upper

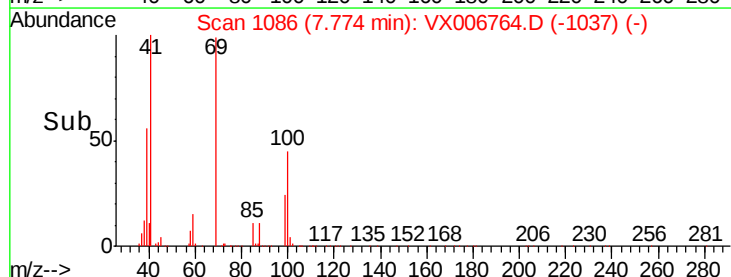
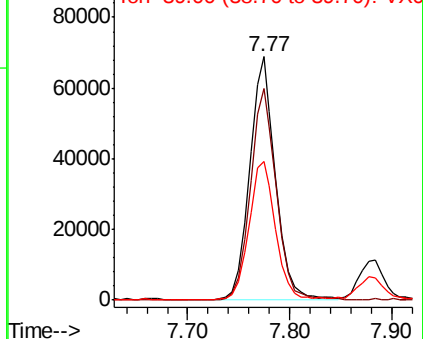
41 100

69 87.3 72.4 108.6

39 58.3 45.8 68.8



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





#49

1,4-Dioxane

Concen: 368.487 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBS01

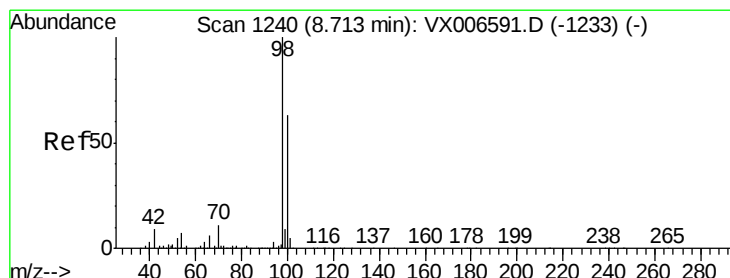
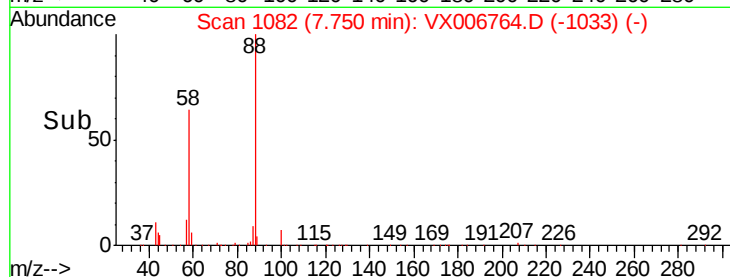
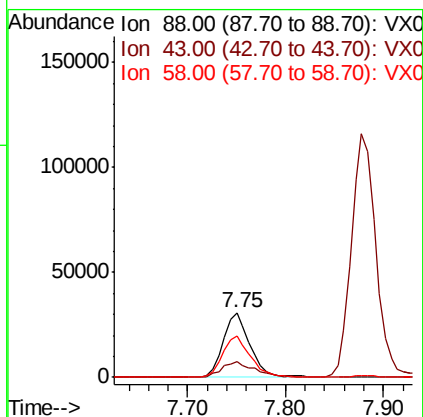
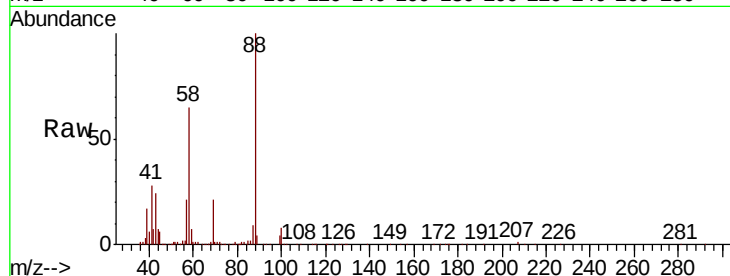
Tot Ion: 88 Resp: 58683

Ion Ratio Lower Upper

88 100

43 27.9 22.2 33.4

58 66.6 51.0 76.4



#50

Toluene-d8

Concen: 49.988 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006764.D

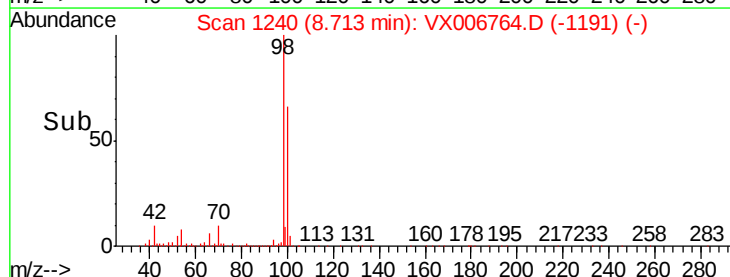
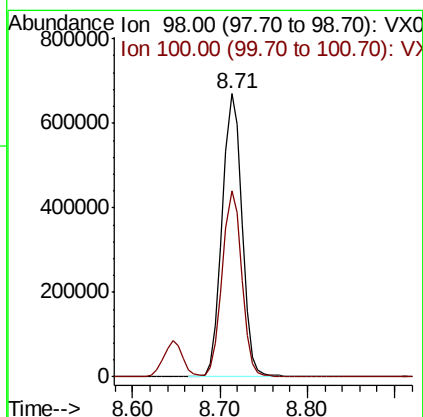
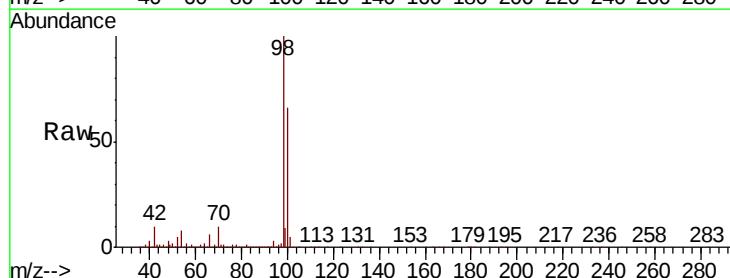
Acq: 22 Dec 2018 11:43

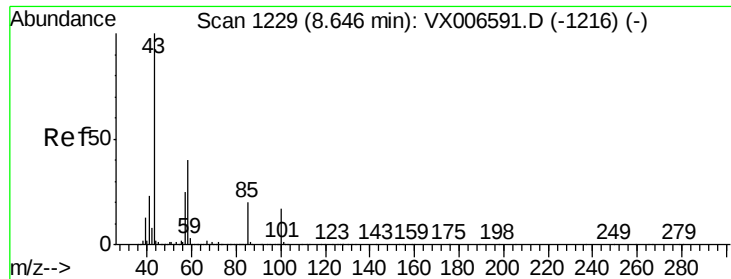
Tgt Ion: 98 Resp: 1051708

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 102.716 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampled :

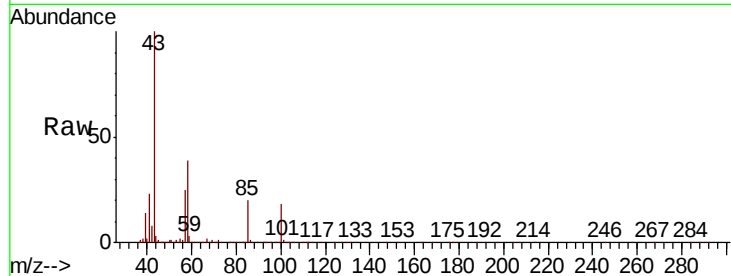
VX1222WBS01

Tot Ion: 43 Resp: 756468

Ion Ratio Lower Upper

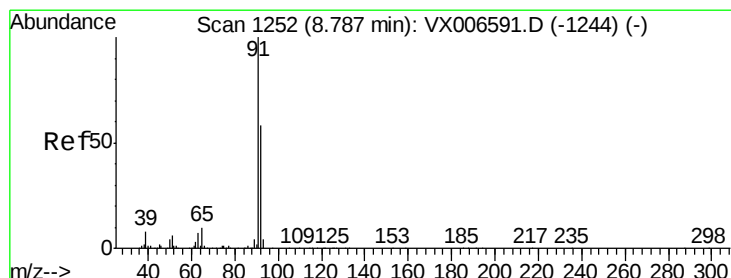
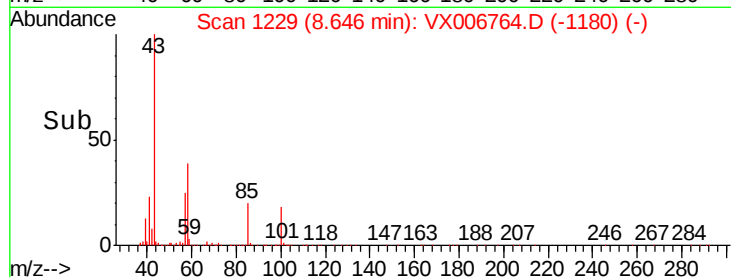
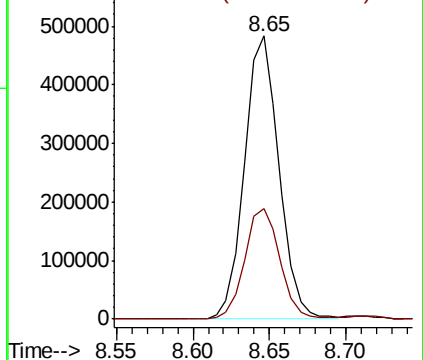
43 100

58 39.7 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.598 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006764.D

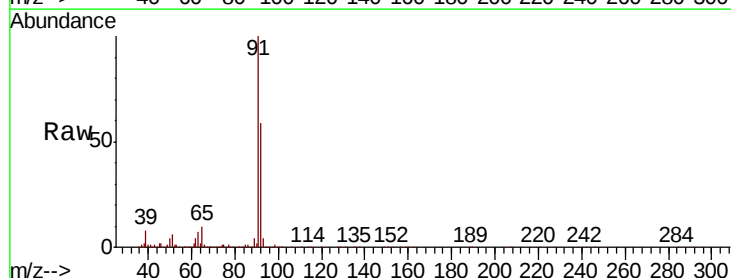
Acq: 22 Dec 2018 11:43

Tgt Ion: 92 Resp: 281283

Ion Ratio Lower Upper

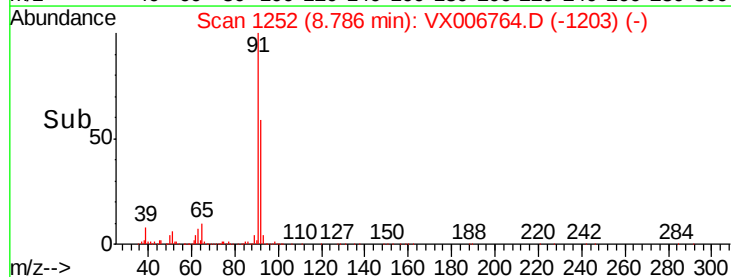
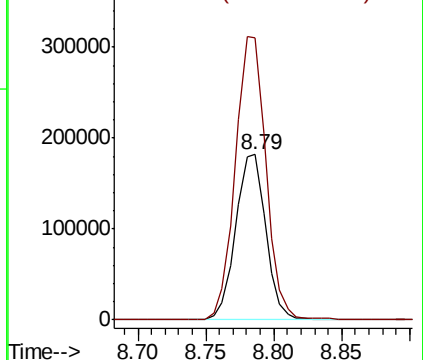
92 100

91 174.8 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 17.639 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

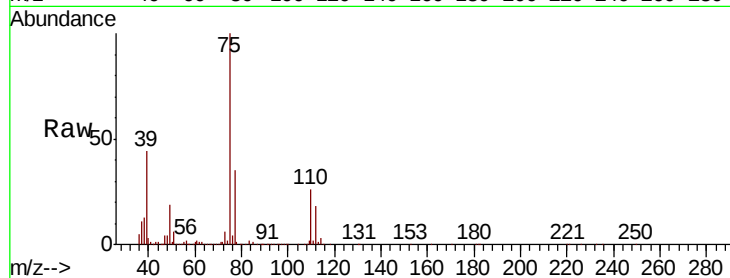
VX1222WBS01

Tot Ion: 75 Resp: 124897

Ion Ratio Lower Upper

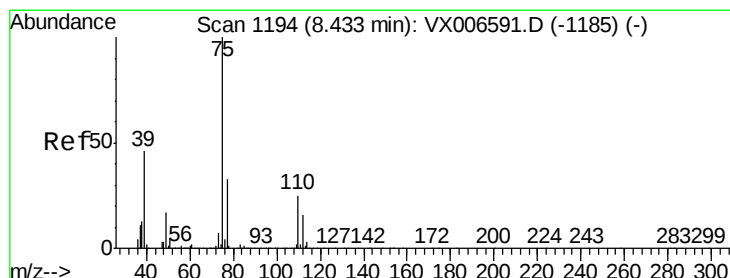
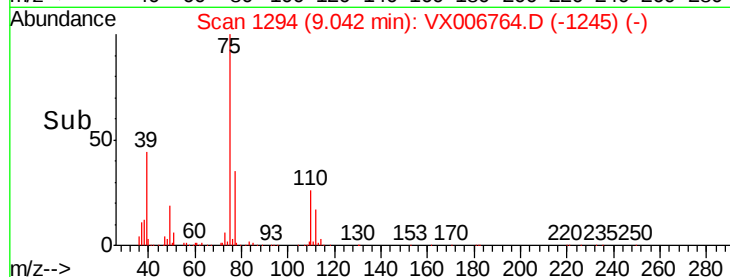
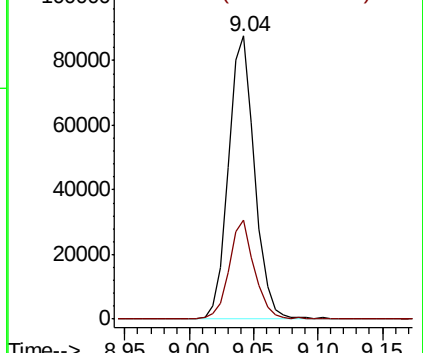
75 100

77 34.7 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.231 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

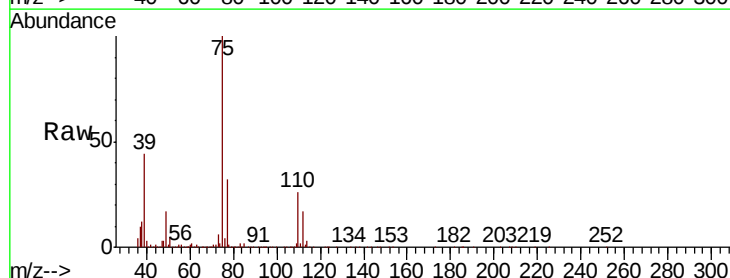
Tgt Ion: 75 Resp: 149413

Ion Ratio Lower Upper

75 100

77 31.7 26.2 39.2

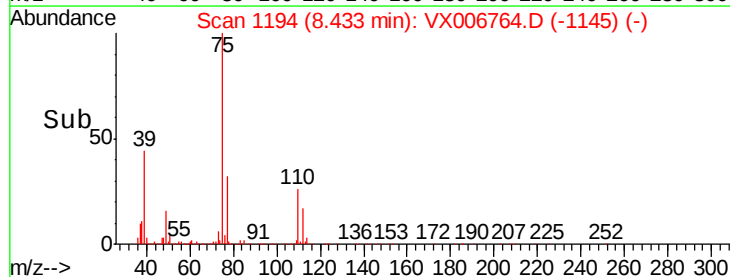
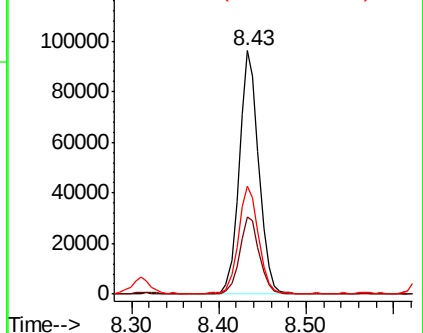
39 44.2 36.7 55.1

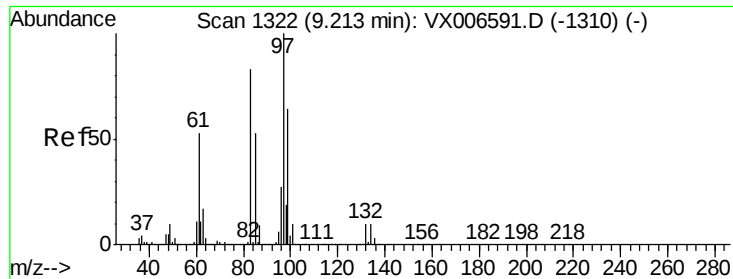


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

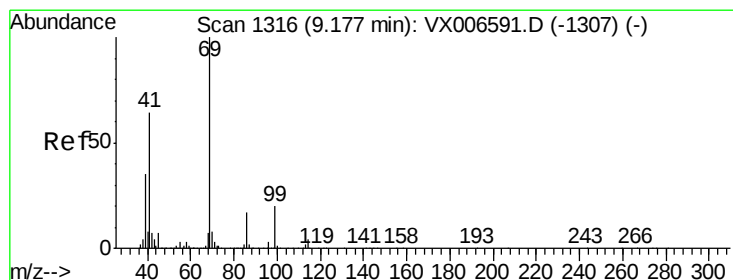
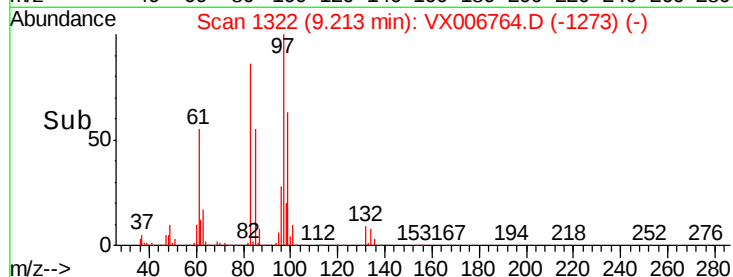
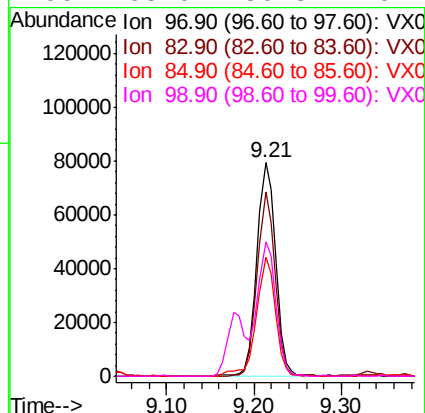
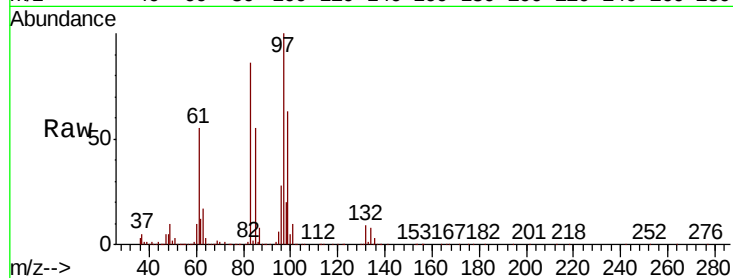




#55
 1,1,2-Trichloroethane
 Concen: 20.122 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006764.D
 Acq: 22 Dec 2018 11:43

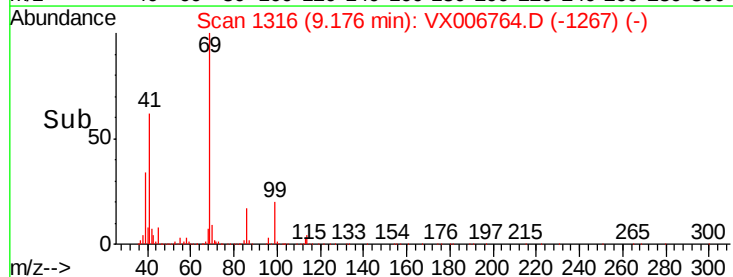
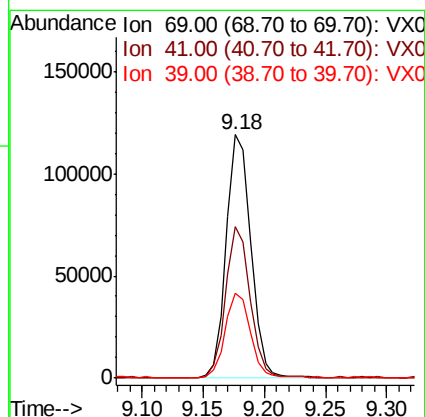
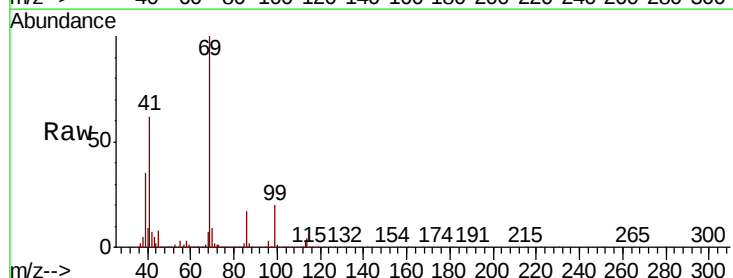
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1222WBS01

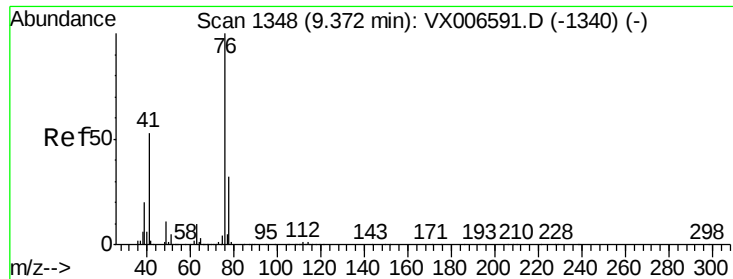
Tot Ion:	97	Resp:	118216
Ion	Ratio	Lower	Upper
97	100		
83	85.9	66.6	99.8
85	55.5	42.7	64.1
99	63.0	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 20.072 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX006764.D
 Acq: 22 Dec 2018 11:43

Tgt Ion:	69	Resp:	166669
Ion	Ratio	Lower	Upper
69	100		
41	60.7	48.7	73.1
39	35.5	27.0	40.6





#57

1,3-Dichloropropane

Concen: 19.665 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampled :

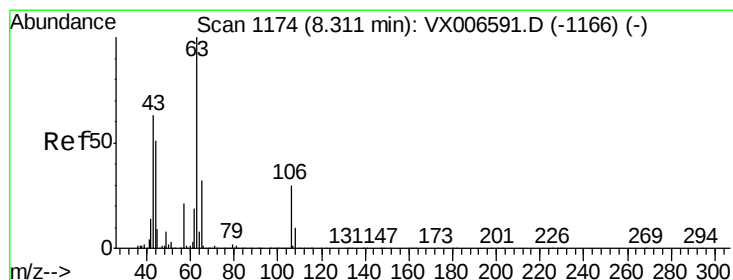
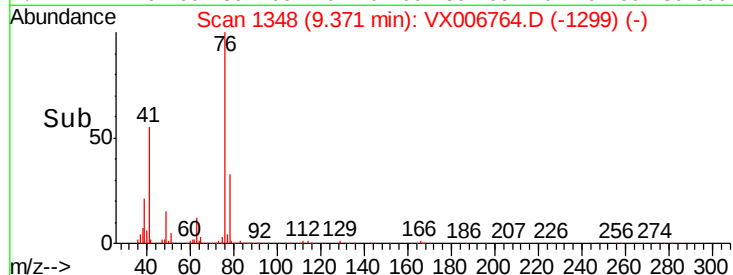
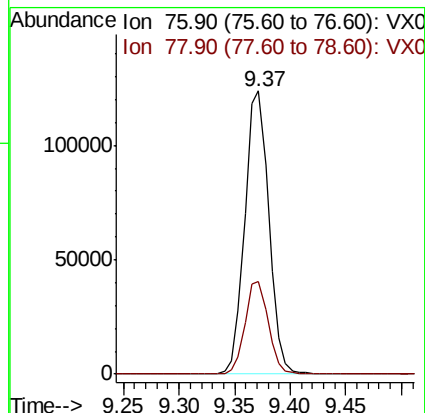
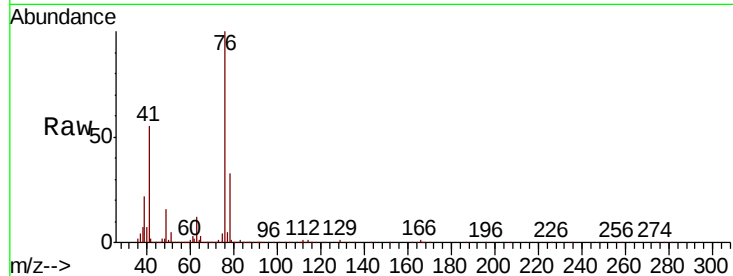
VX1222WBS01

Tot Ion: 76 Resp: 185876

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 99.194 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006764.D

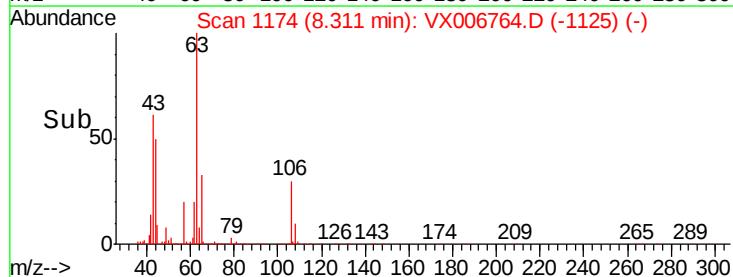
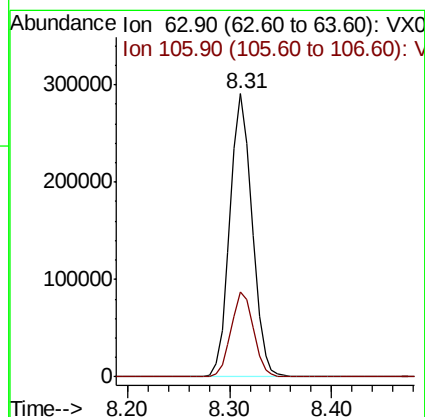
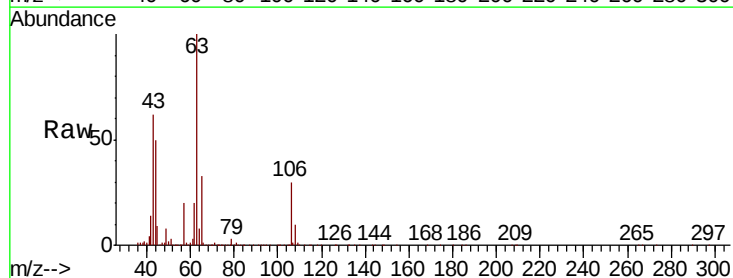
Acq: 22 Dec 2018 11:43

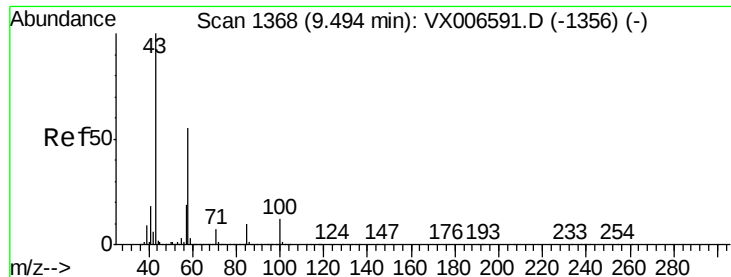
Tgt Ion: 63 Resp: 437826

Ion Ratio Lower Upper

63 100

106 30.4 24.6 36.8





#59

2-Hexanone

Concen: 104.420 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

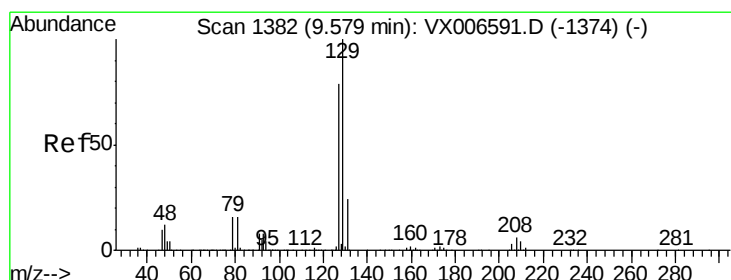
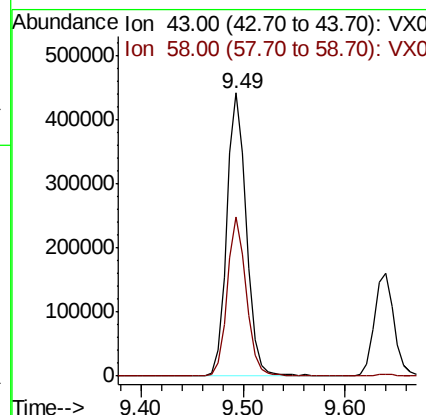
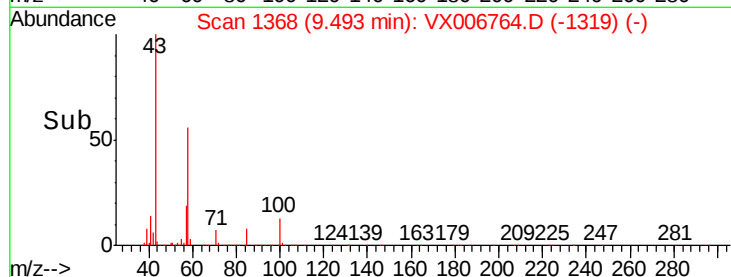
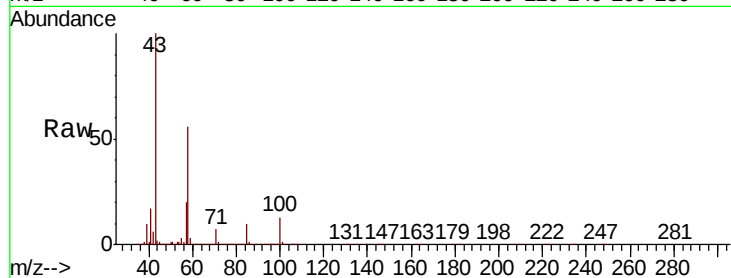
VX1222WBS01

Tot Ion: 43 Resp: 588391

Ion Ratio Lower Upper

43 100

58 54.8 27.7 83.1



#60

Dibromochloromethane

Concen: 18.240 ug/l

RT: 9.58 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX006764.D

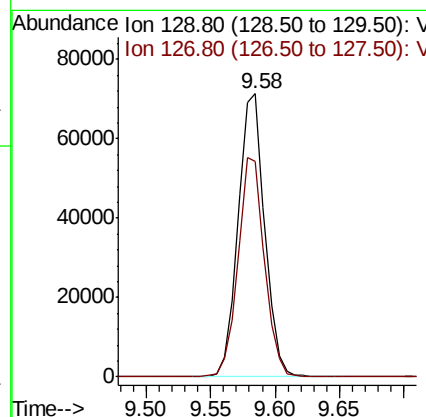
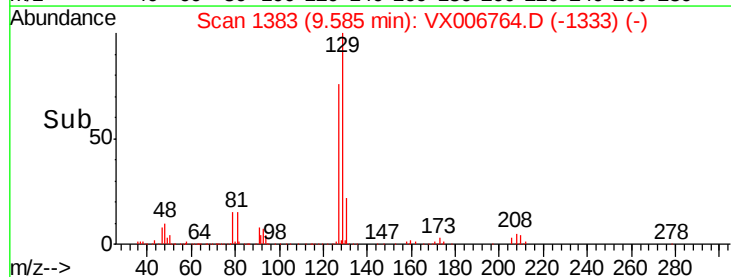
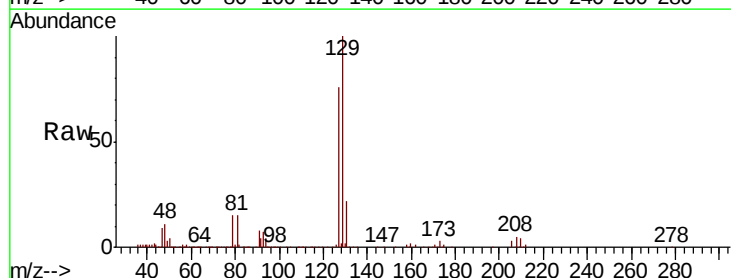
Acq: 22 Dec 2018 11:43

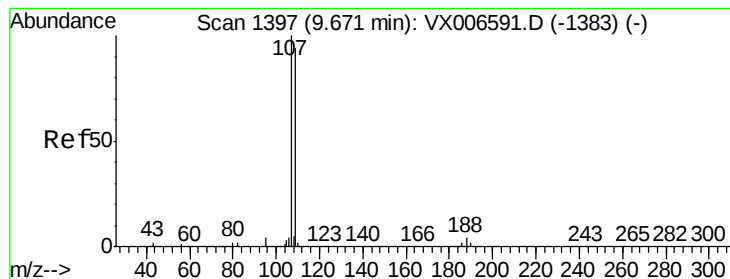
Tgt Ion: 129 Resp: 102562

Ion Ratio Lower Upper

129 100

127 77.4 39.3 117.8





#61

1,2-Dibromoethane

Concen: 19.692 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

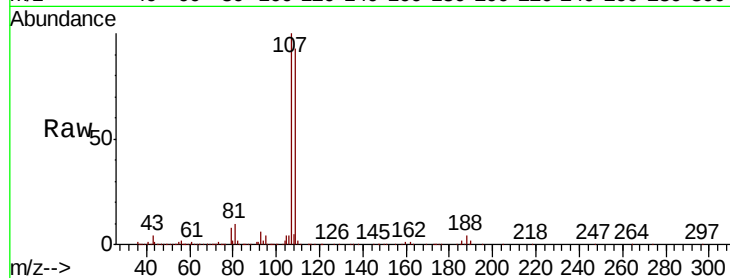
VX1222WBS01

Tot Ion: 107 Resp: 122978

Ion Ratio Lower Upper

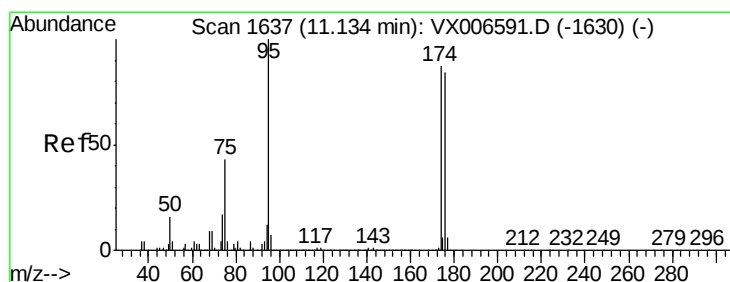
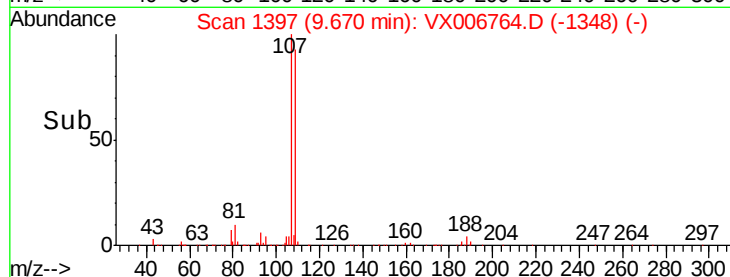
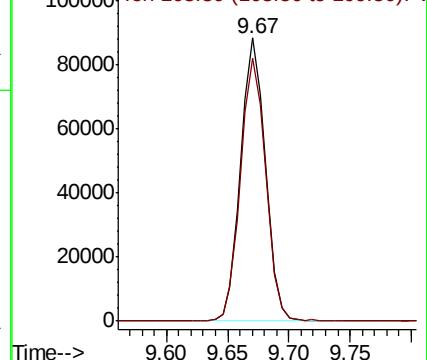
107 100

109 95.3 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.976 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

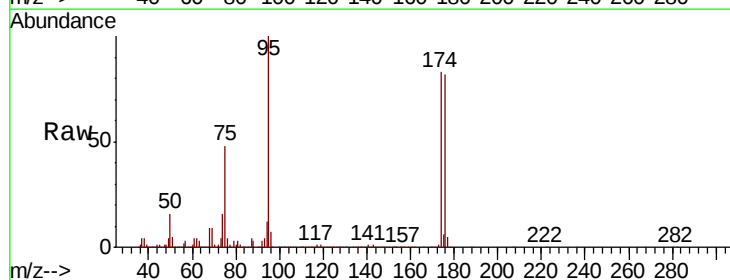
Tgt Ion: 95 Resp: 377377

Ion Ratio Lower Upper

95 100

174 90.0 0.0 182.2

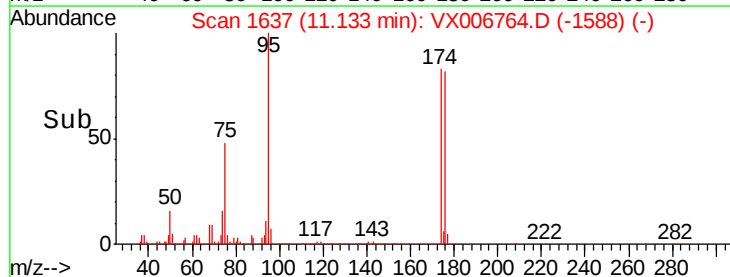
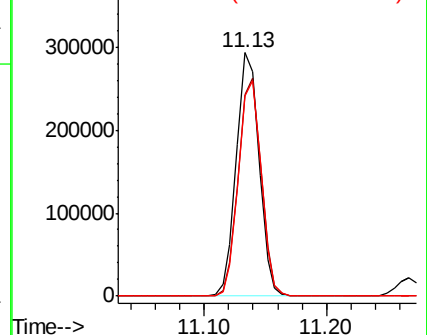
176 88.6 0.0 178.8

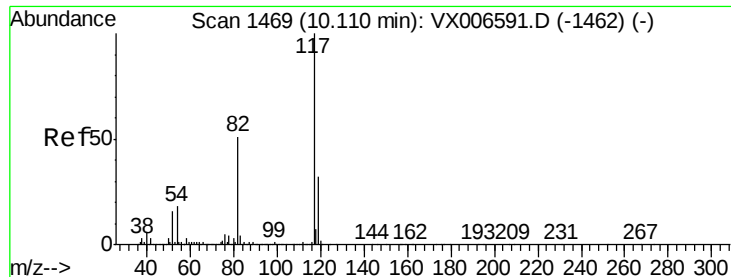


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

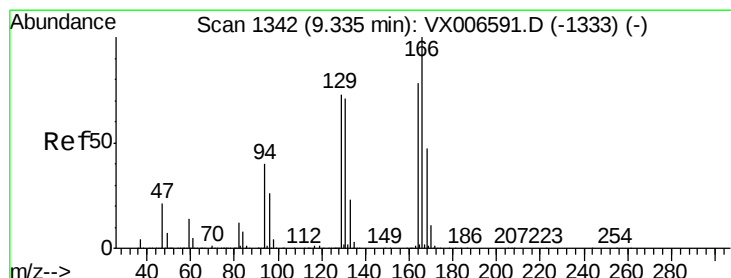
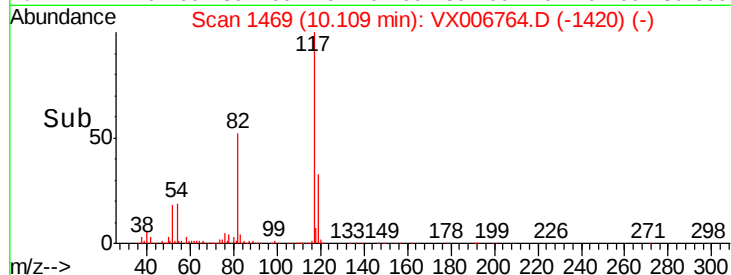
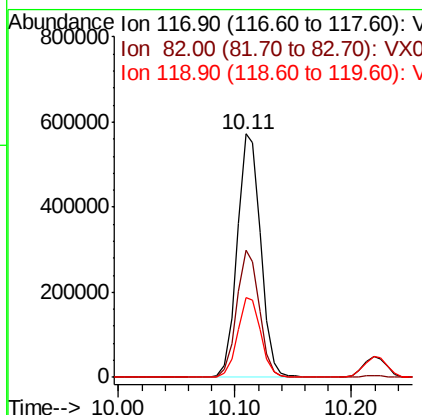
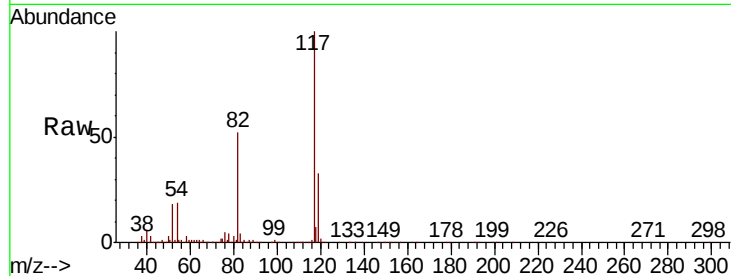




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006764.D
Acq: 22 Dec 2018 11:43

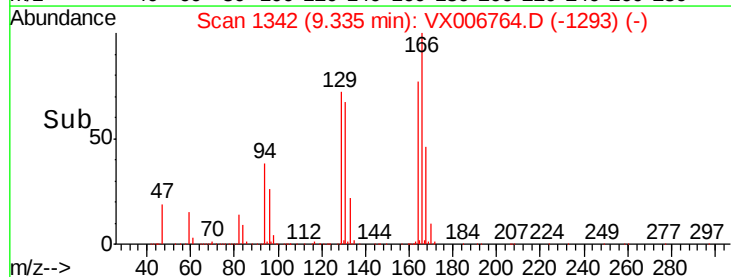
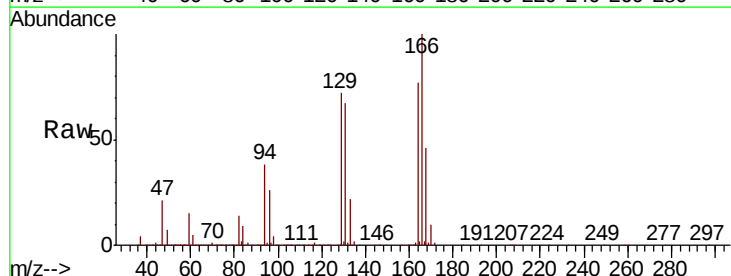
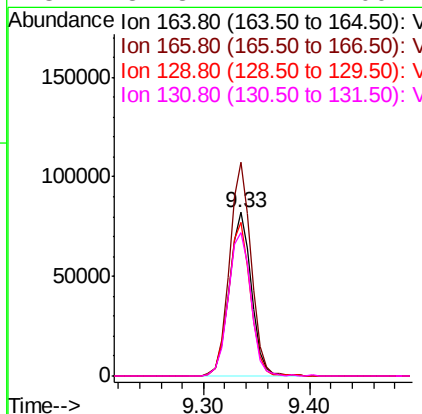
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBS01

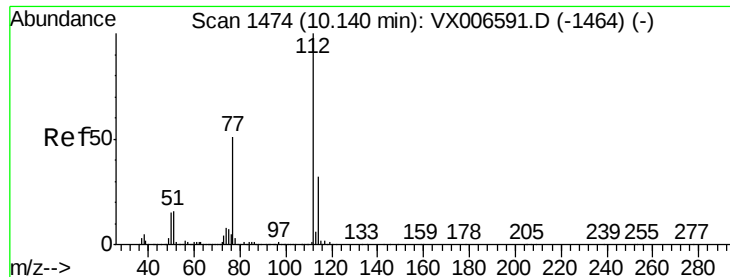
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.0	61.6
119	32.6	25.4	38.0



#64
Tetrachloroethene
Concen: 18.860 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006764.D
Acq: 22 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.6	102.5	153.7
129	93.9	75.1	112.7
131	87.3	72.7	109.1

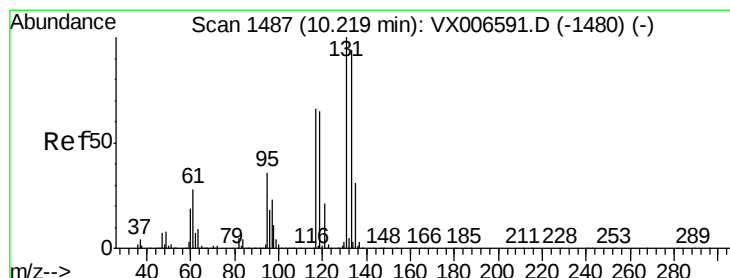
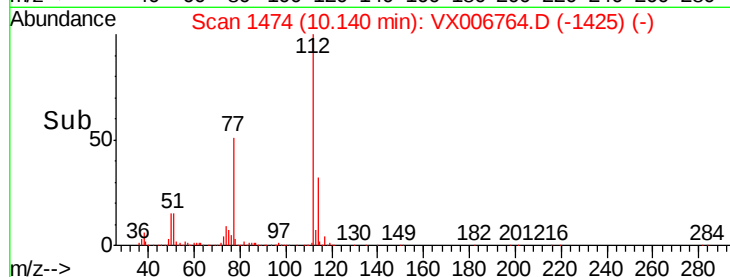
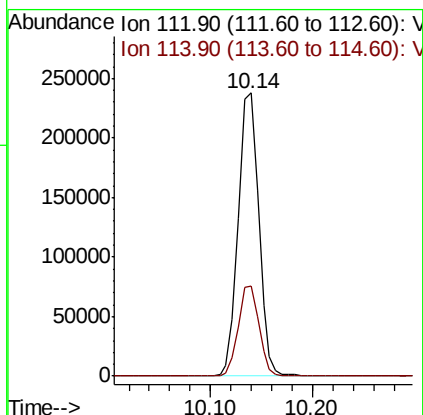
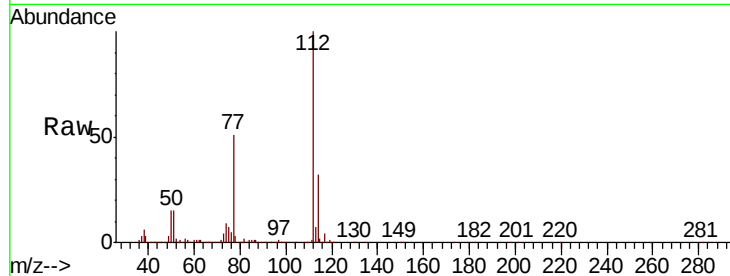




#65
Chlorobenzene
Concen: 19.577 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006764.D
Acq: 22 Dec 2018 11:43

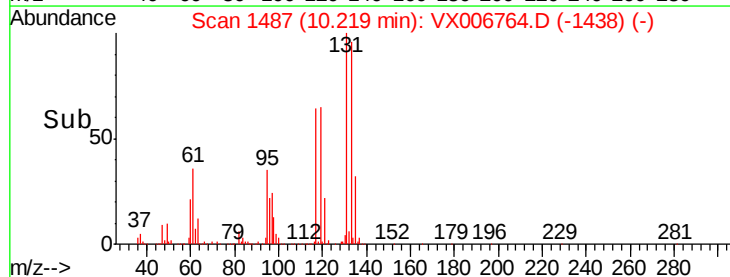
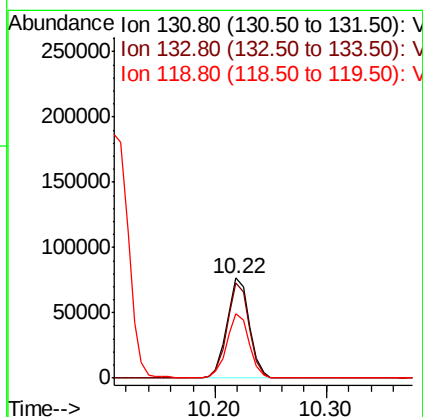
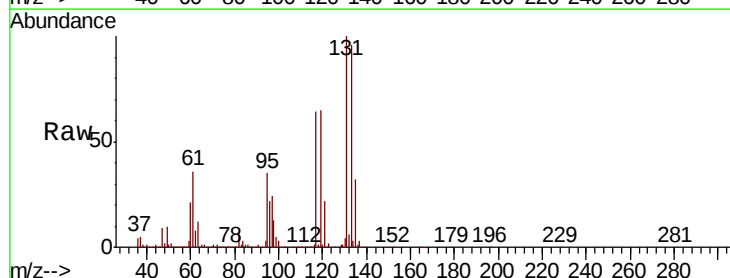
Instrument :
MSVOA_X
ClientSampled :
VX1222WBS01

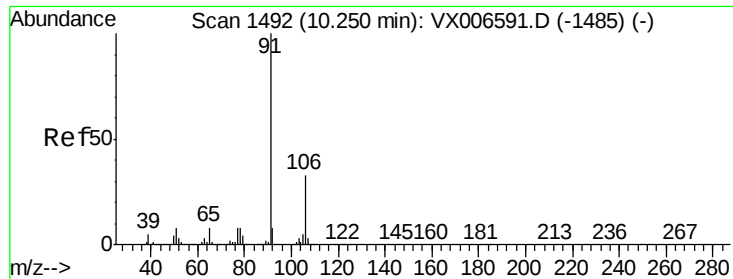
Tot Ion:112 Resp: 331381
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.160 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006764.D
Acq: 22 Dec 2018 11:43

Tgt Ion:131 Resp: 106467
Ion Ratio Lower Upper
131 100
133 94.0 48.0 144.2
119 63.9 32.6 97.8





#67

Ethyl Benzene

Concen: 19.510 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

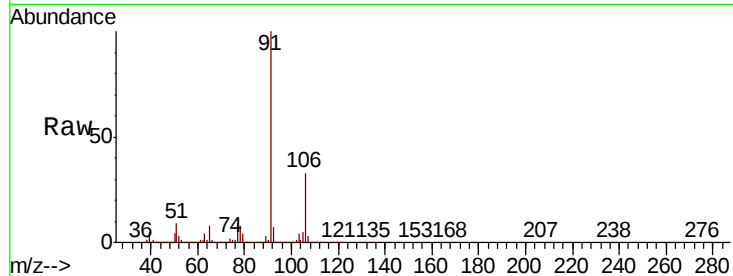
VX1222WBS01

Tot Ion: 91 Resp: 539656

Ion Ratio Lower Upper

91 100

106 33.3 26.4 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

600000

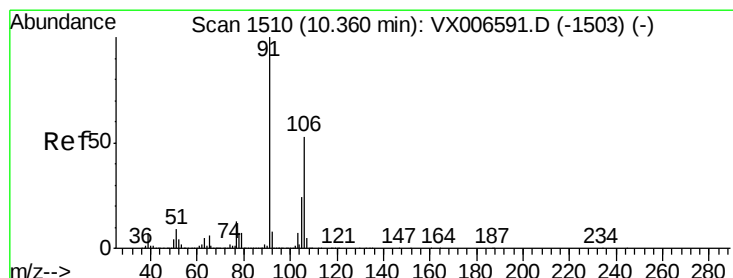
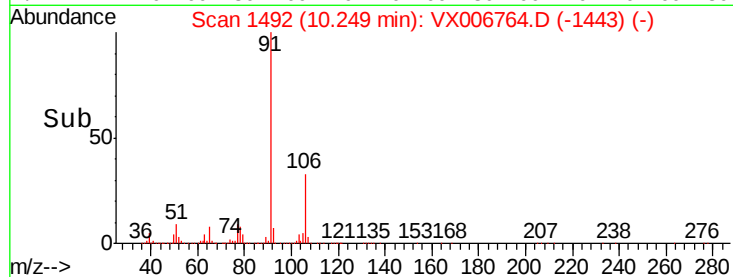
400000

200000

0

10.20 10.30

Time-->



#68

m/p-Xylenes

Concen: 38.861 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006764.D

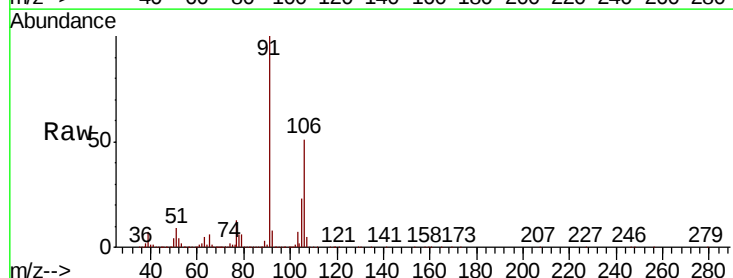
Acq: 22 Dec 2018 11:43

Tgt Ion: 106 Resp: 424150

Ion Ratio Lower Upper

106 100

91 195.6 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

600000

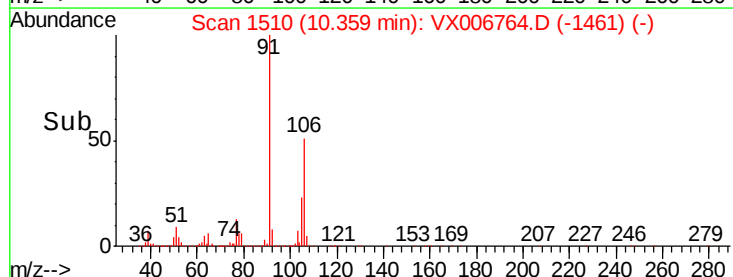
400000

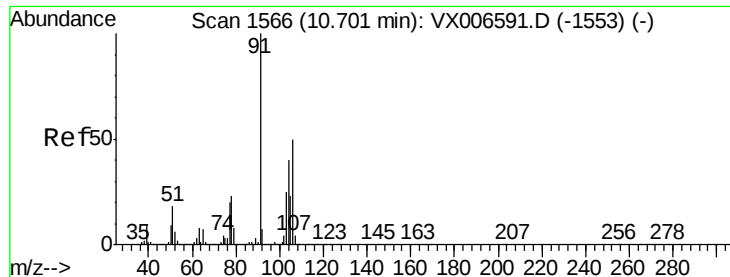
200000

0

10.30 10.40

Time-->

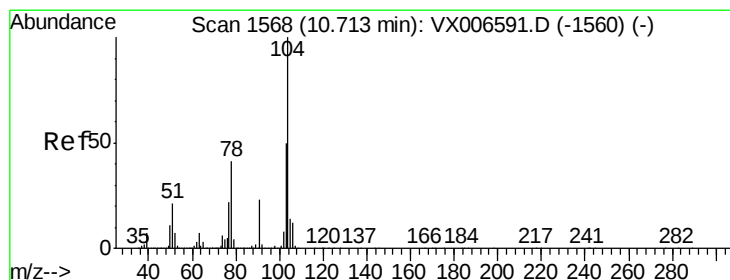
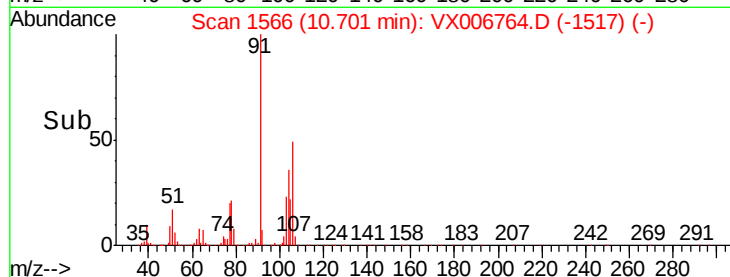
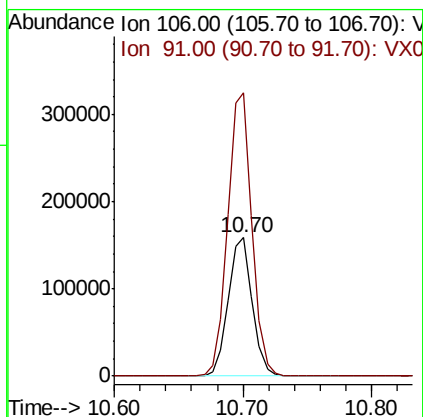
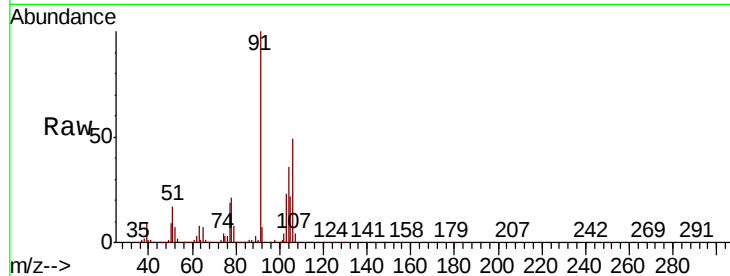




#69
o-Xylene
Concen: 19.305 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006764.D
Acq: 22 Dec 2018 11:43

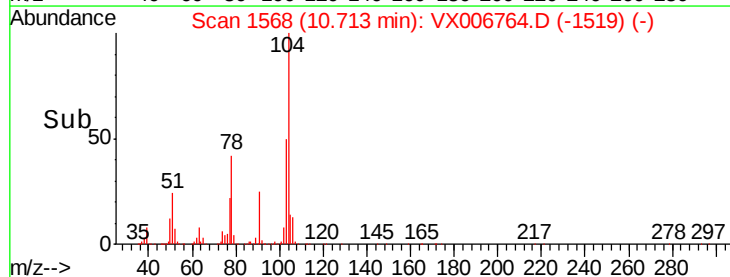
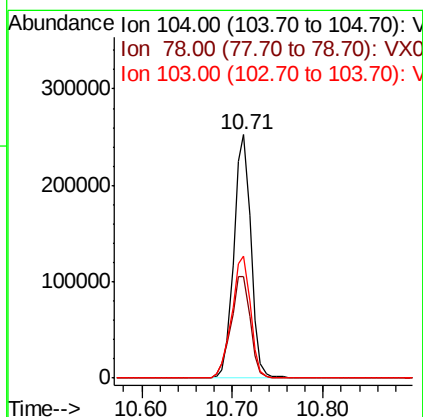
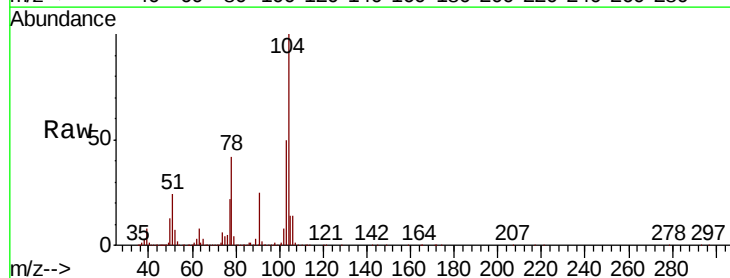
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBS01

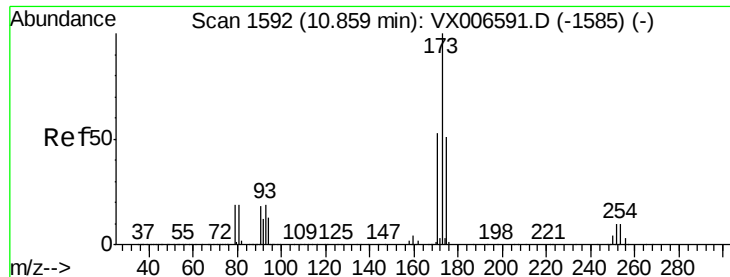
Tot Ion:106 Resp: 208069
Ion Ratio Lower Upper
106 100
91 205.9 101.3 303.7



#70
Styrene
Concen: 19.366 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006764.D
Acq: 22 Dec 2018 11:43

Tgt Ion:104 Resp: 330214
Ion Ratio Lower Upper
104 100
78 47.6 37.7 56.5
103 55.3 43.8 65.8





#71

Bromoform

Concen: 17.936 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBS01

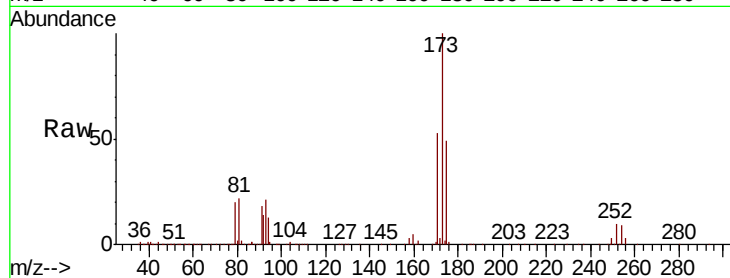
Tot Ion:173 Resp: 70484

Ion Ratio Lower Upper

173 100

175 48.1 24.7 74.1

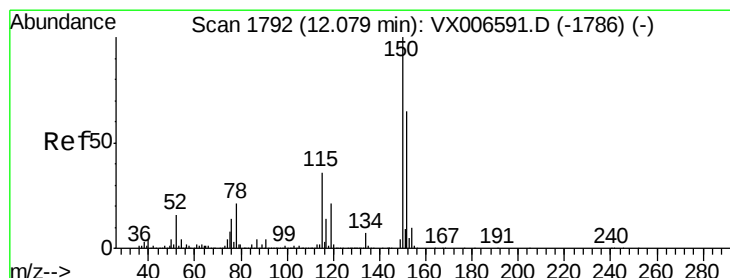
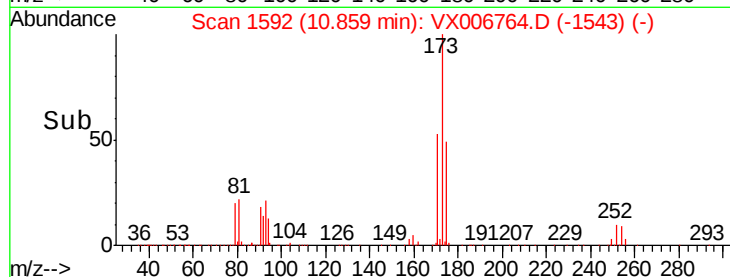
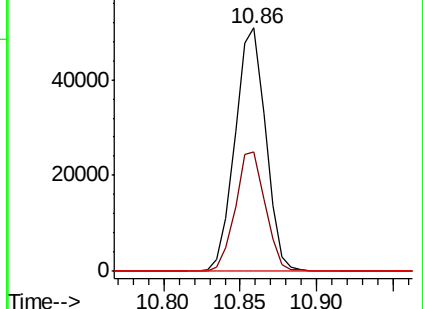
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

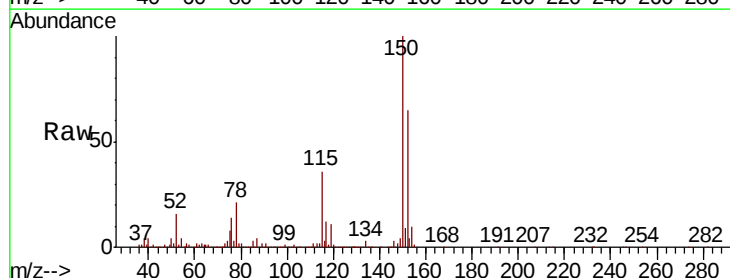
Tgt Ion:152 Resp: 409524

Ion Ratio Lower Upper

152 100

115 64.2 39.1 117.2

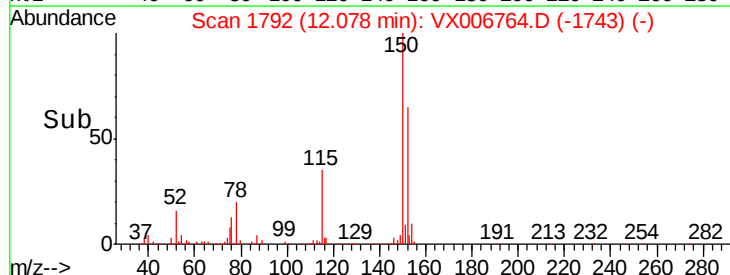
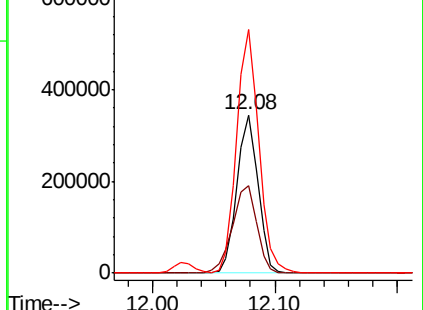
150 161.3 0.0 344.8

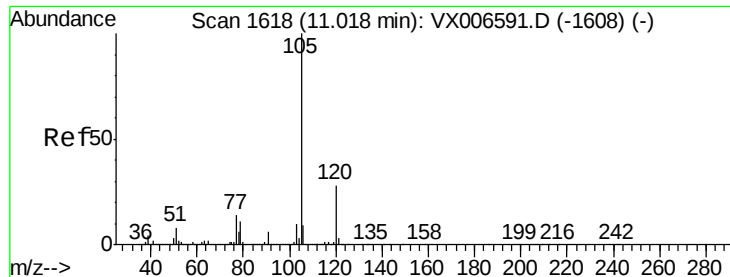


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.027 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

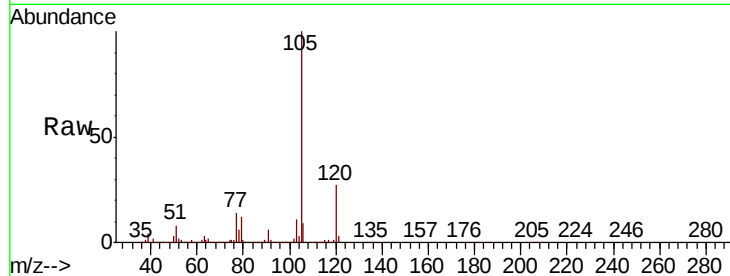
VX1222WBS01

Tot Ion:105 Resp: 561089

Ion Ratio Lower Upper

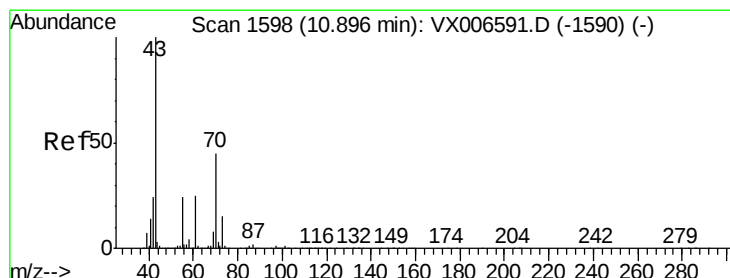
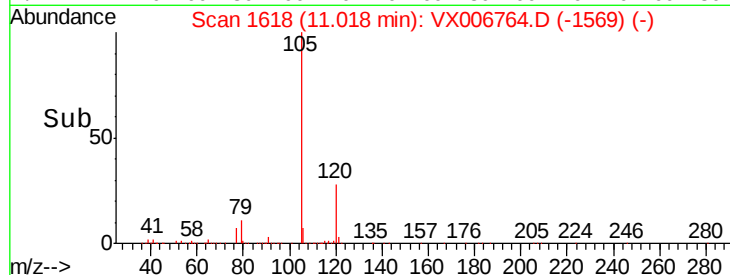
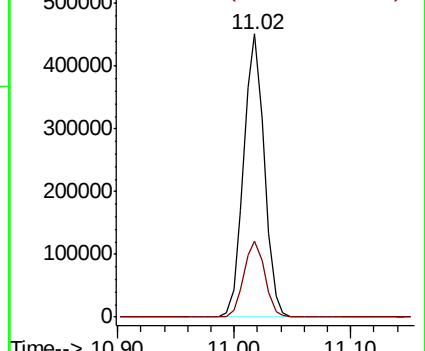
105 100

120 27.5 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.092 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Tgt Ion: 43 Resp: 201484

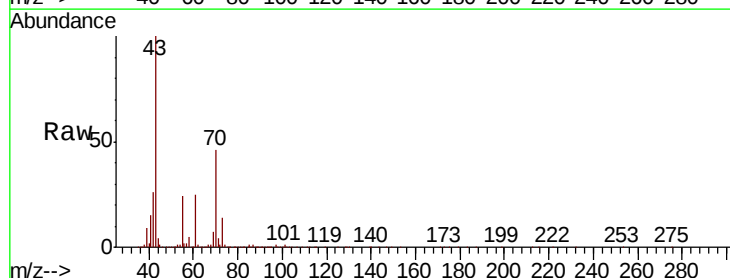
Ion Ratio Lower Upper

43 100

70 45.2 35.8 53.8

55 25.7 19.4 29.0

61 24.4 20.1 30.1

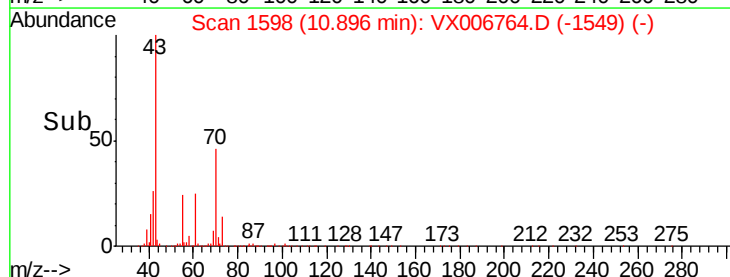
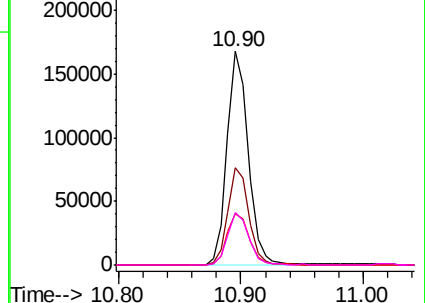


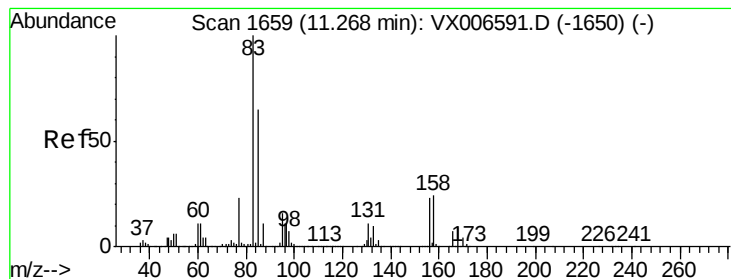
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 20.955 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBS01

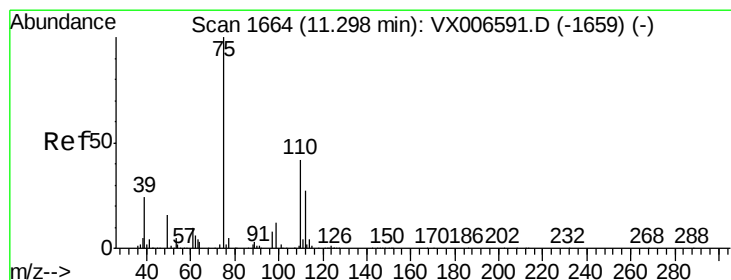
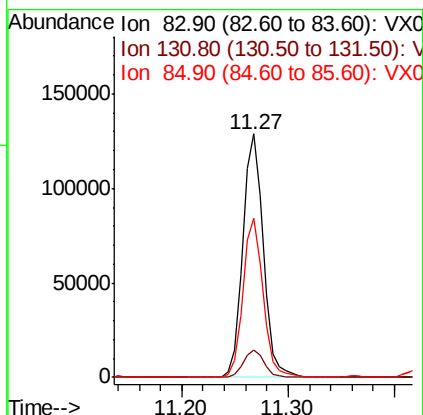
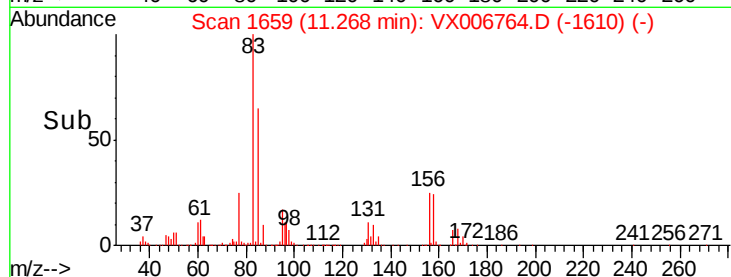
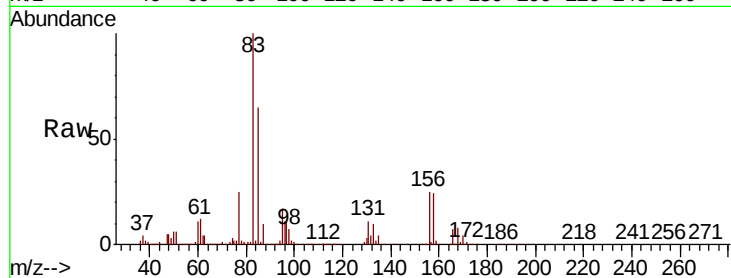
Tot Ion: 83 Resp: 174597

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.1

85 64.2 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 23.692 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006764.D

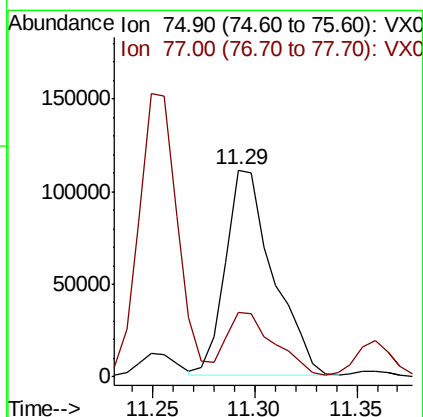
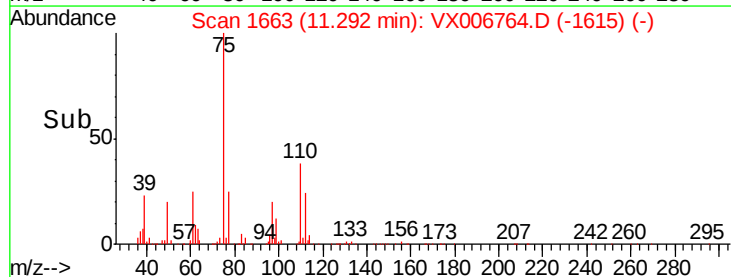
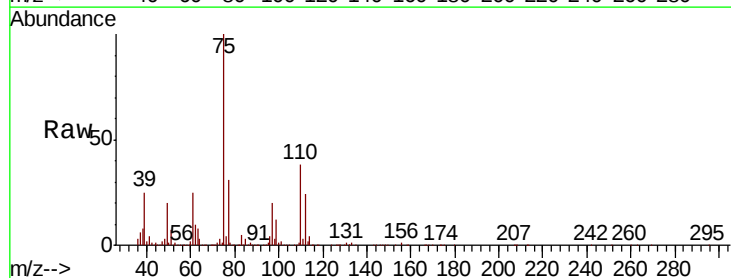
Acq: 22 Dec 2018 11:43

Tgt Ion: 75 Resp: 180310

Ion Ratio Lower Upper

75 100

77 31.2 18.5 55.5





#77

Bromobenzene

Concen: 19.756 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBS01

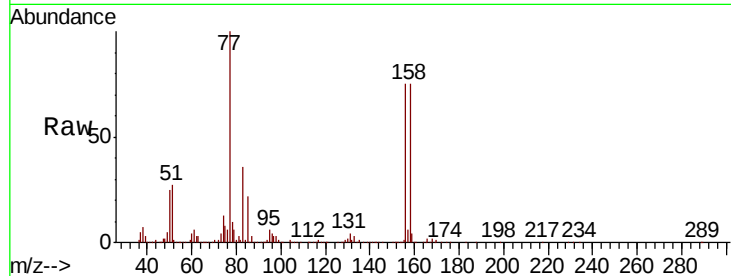
Tot Ion:156 Resp: 149637

Ion Ratio Lower Upper

156 100

77 135.3 68.0 204.0

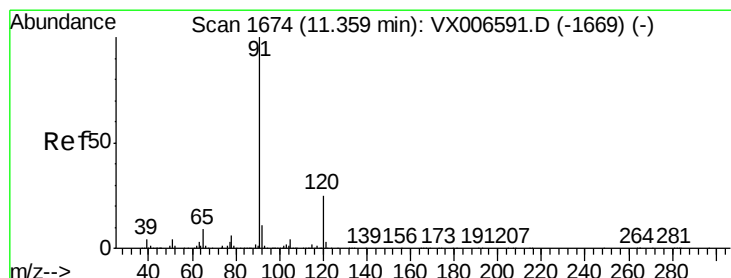
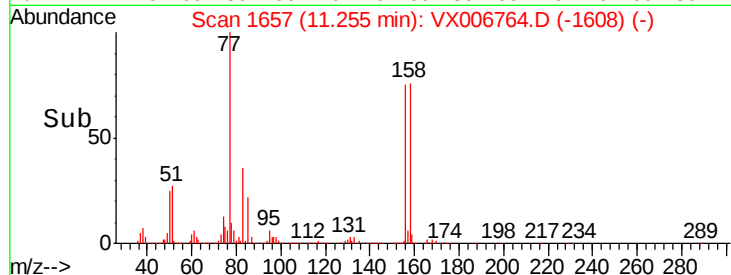
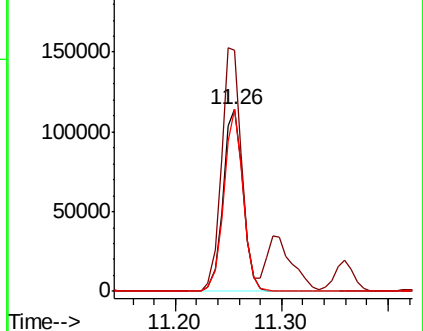
158 96.1 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.100 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006764.D

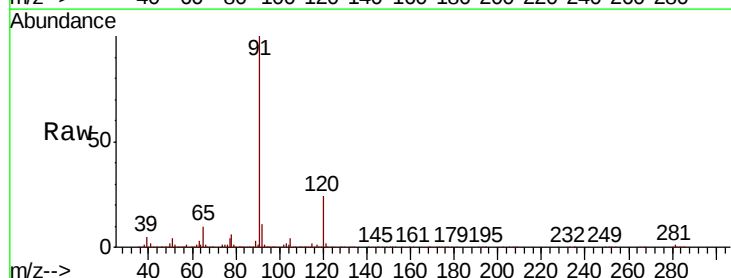
Acq: 22 Dec 2018 11:43

Tgt Ion: 91 Resp: 620106

Ion Ratio Lower Upper

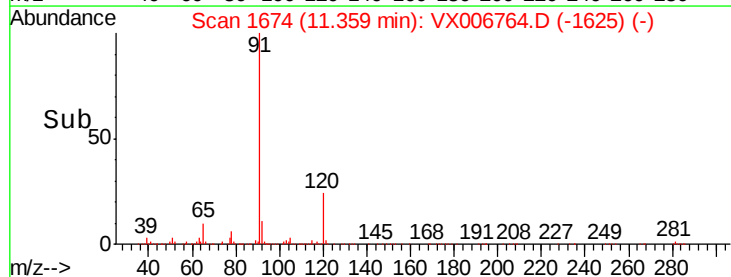
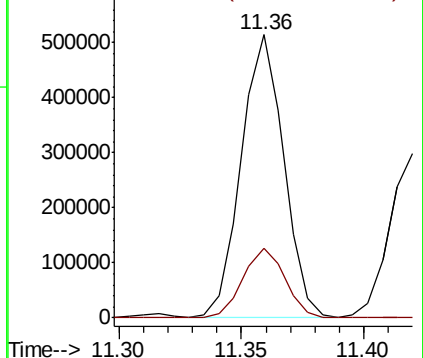
91 100

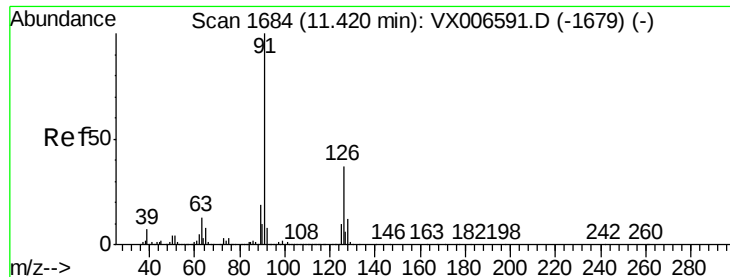
120 24.6 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.703 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

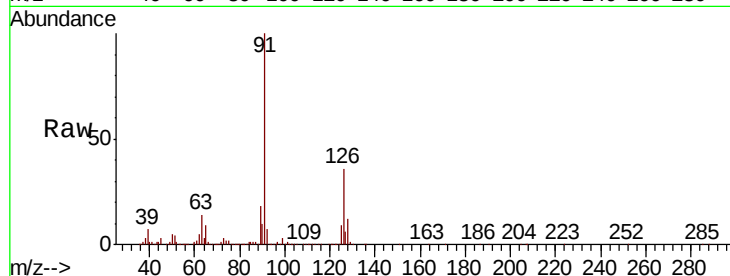
VX1222WBS01

Tot Ion: 91 Resp: 368375

Ion Ratio Lower Upper

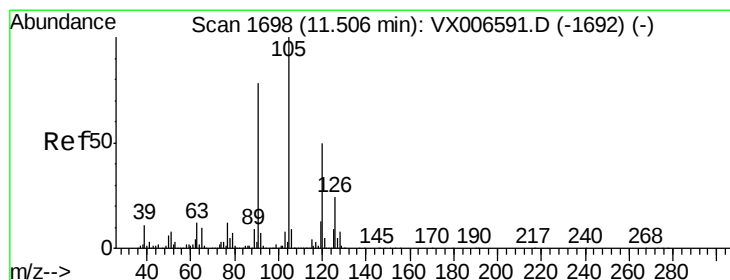
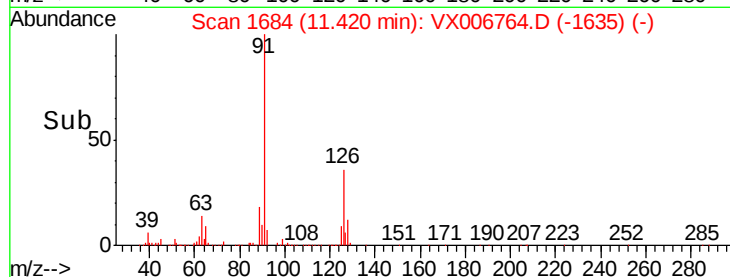
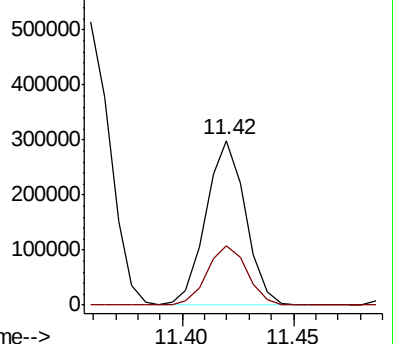
91 100

126 36.8 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX006591.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006591.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.763 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006764.D

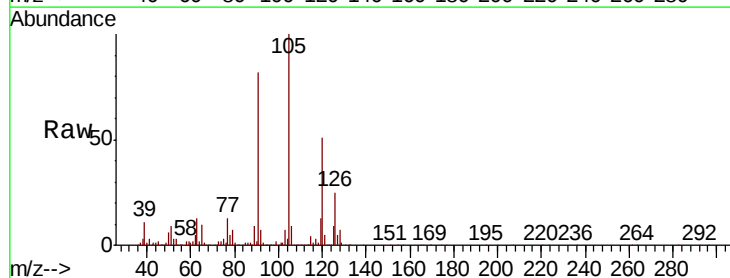
Acq: 22 Dec 2018 11:43

Tgt Ion: 105 Resp: 456051

Ion Ratio Lower Upper

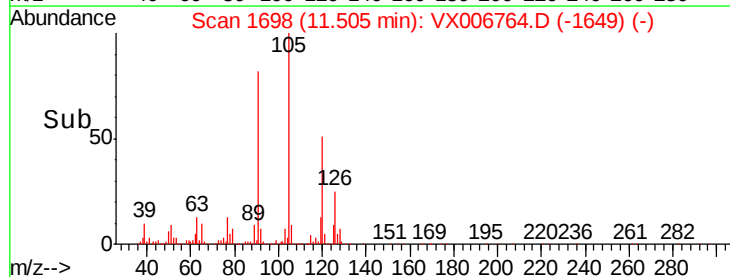
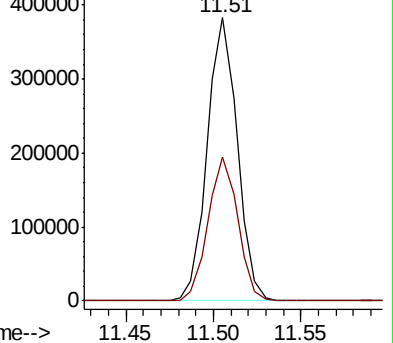
105 100

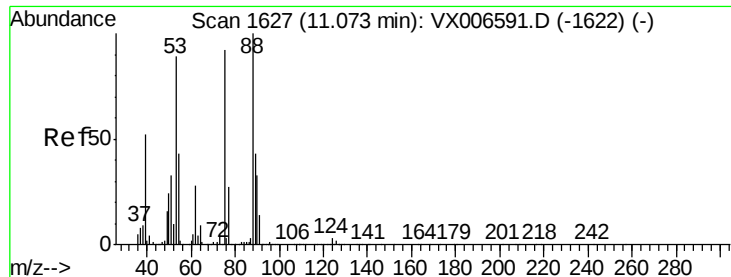
120 50.8 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006591.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006591.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.754 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBS01

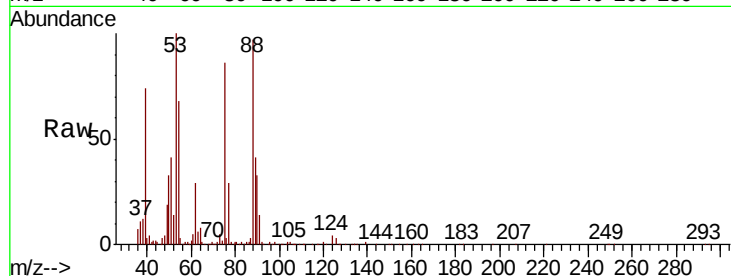
Tot Ion: 75 Resp: 34211

Ion Ratio Lower Upper

75 100

53 119.0 79.7 119.5

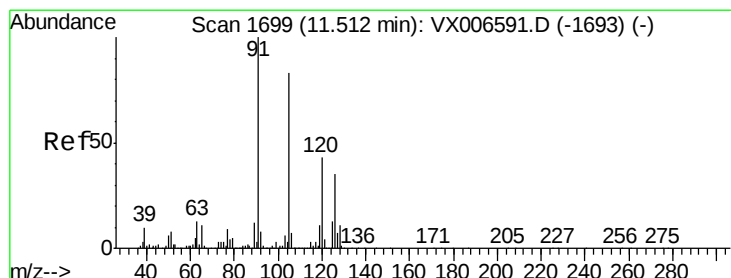
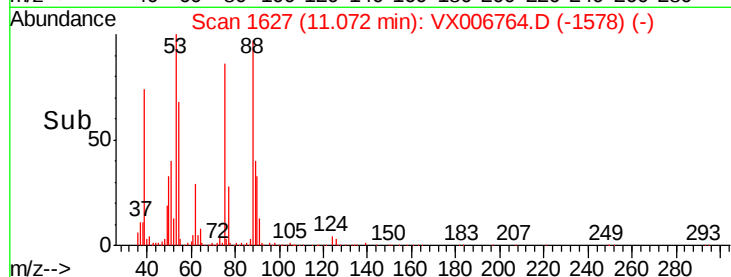
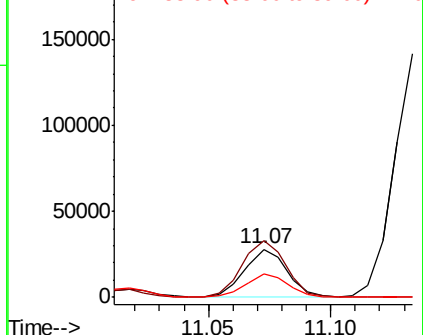
89 47.1 38.0 57.0



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



#82

4-Chlorotoluene

Concen: 19.741 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006764.D

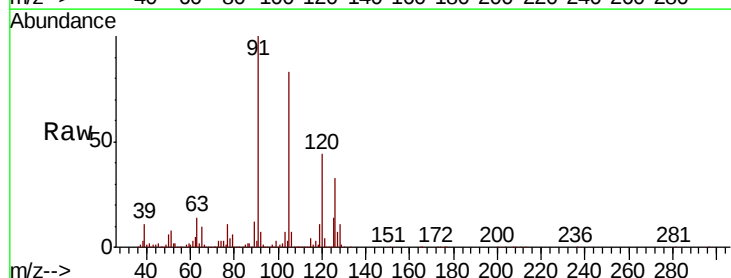
Acq: 22 Dec 2018 11:43

Tgt Ion: 91 Resp: 423371

Ion Ratio Lower Upper

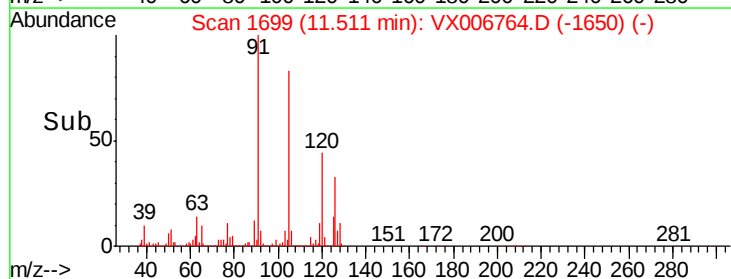
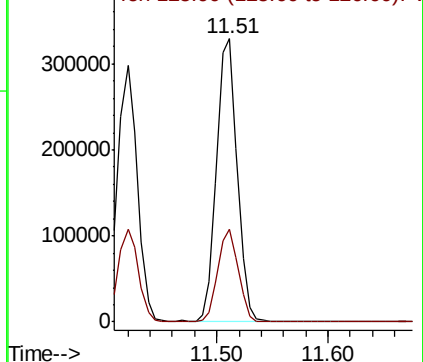
91 100

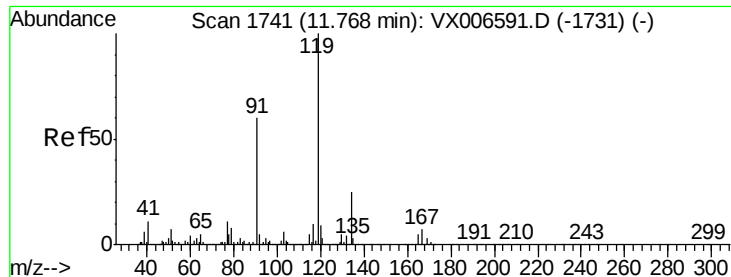
126 32.5 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

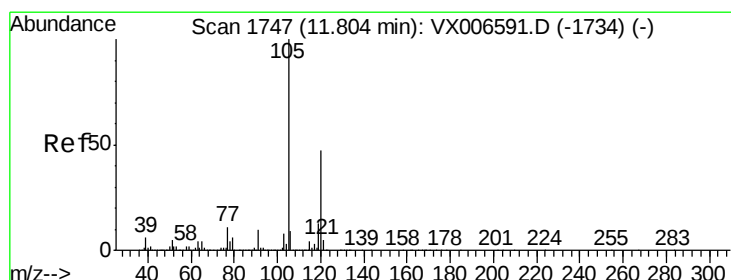
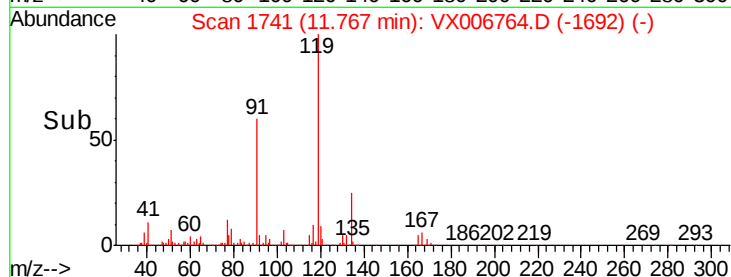
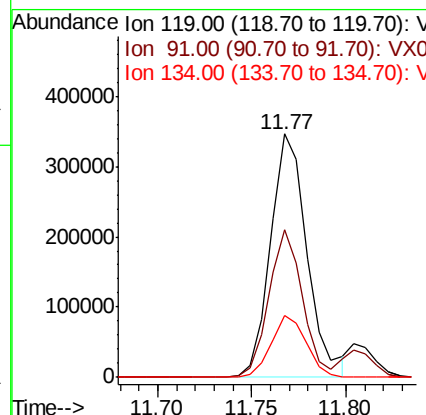
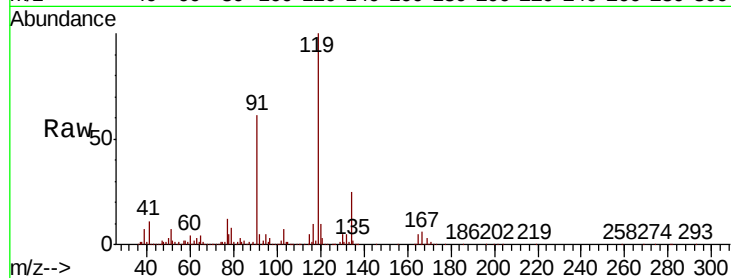




#83
tert-Butylbenzene
Concen: 20.137 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX006764.D
Acq: 22 Dec 2018 11:43

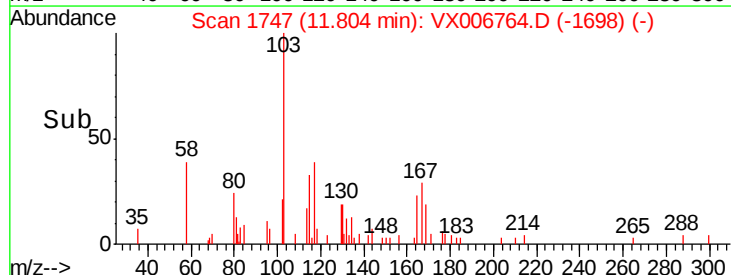
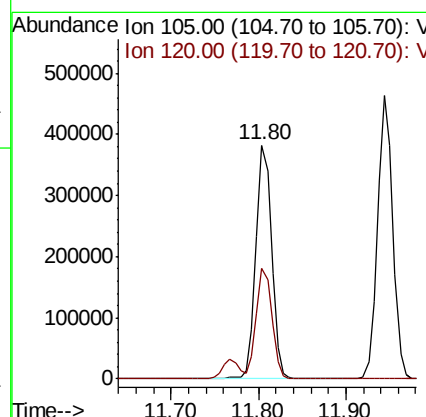
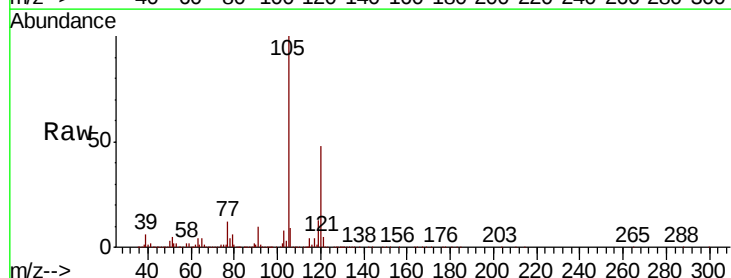
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBS01

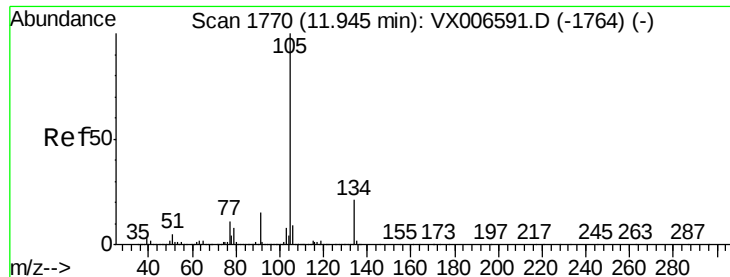
Tot Ion:119 Resp: 465081
Ion Ratio Lower Upper
119 100
91 55.7 27.7 83.1
134 24.4 11.9 35.5



#84
1,2,4-Trimethylbenzene
Concen: 19.557 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX006764.D
Acq: 22 Dec 2018 11:43

Tgt Ion:105 Resp: 474687
Ion Ratio Lower Upper
105 100
120 46.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.029 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampled :

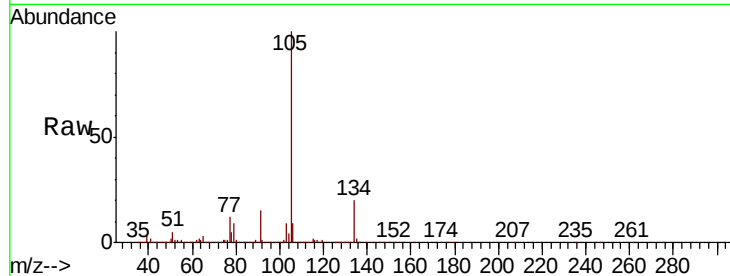
VX1222WBS01

Tot Ion:105 Resp: 567154

Ion Ratio Lower Upper

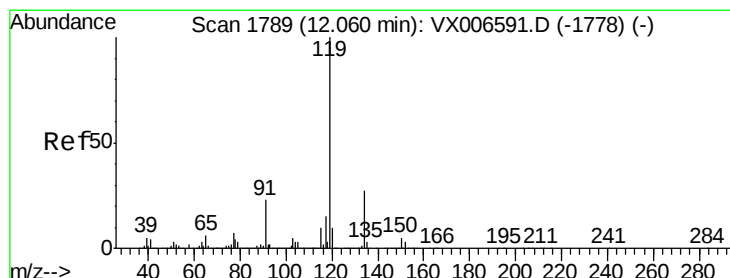
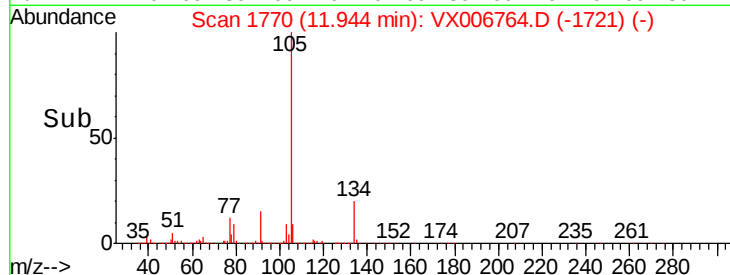
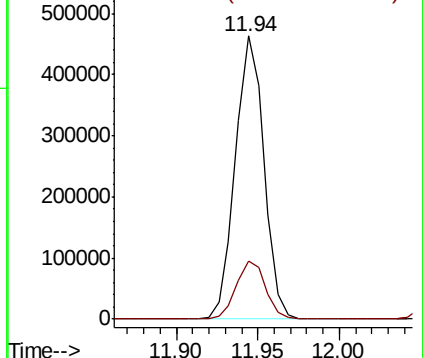
105 100

134 21.0 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.045 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

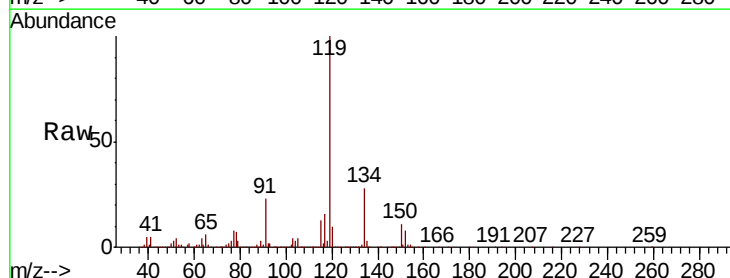
Tgt Ion:119 Resp: 498955

Ion Ratio Lower Upper

119 100

134 28.4 14.0 41.9

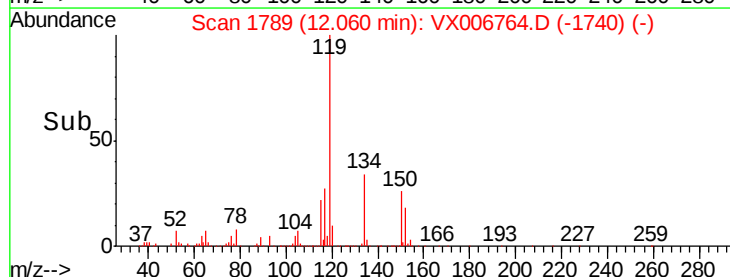
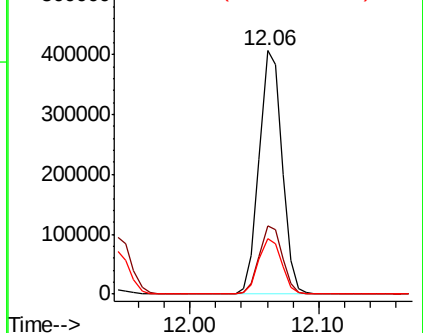
91 23.0 11.3 33.9

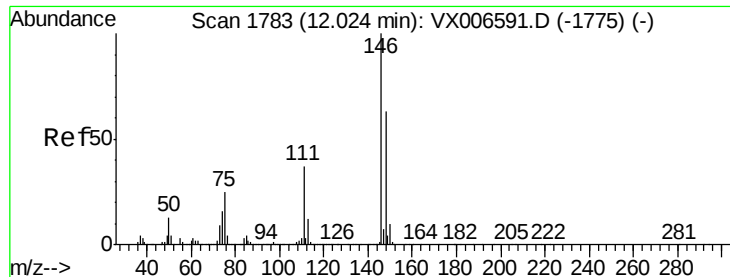


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.530 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBS01

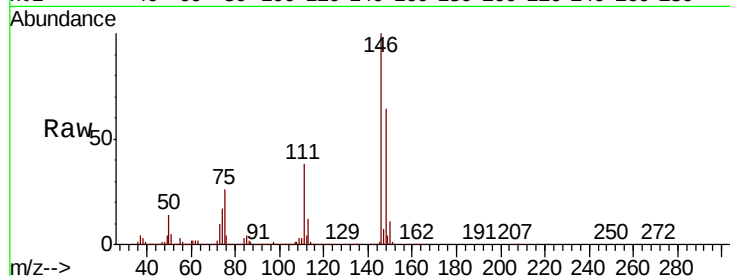
Tot Ion:146 Resp: 266604

Ion Ratio Lower Upper

146 100

111 37.2 18.6 55.8

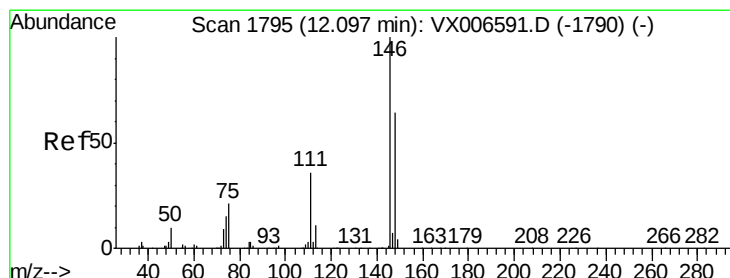
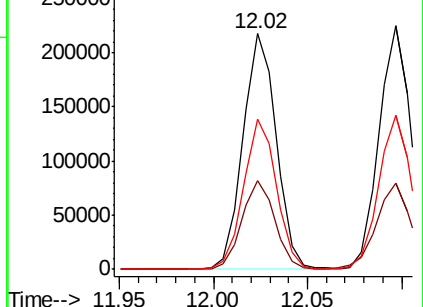
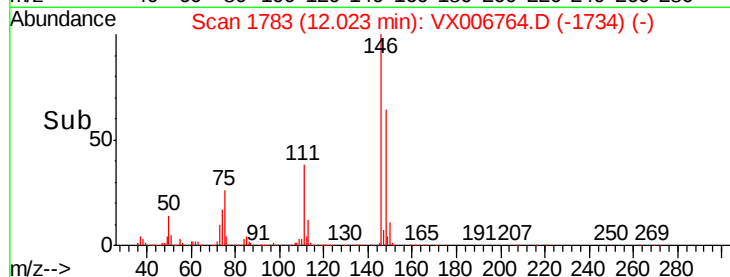
148 63.0 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.140 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

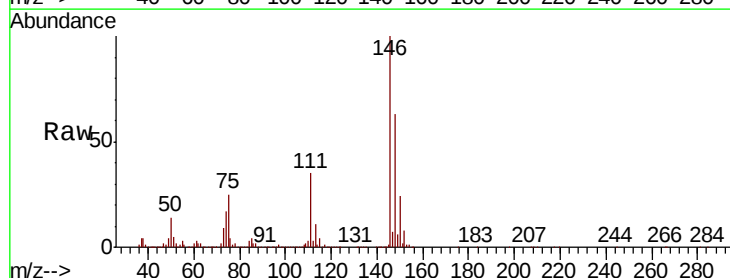
Tgt Ion:146 Resp: 267849

Ion Ratio Lower Upper

146 100

111 37.5 18.1 54.1

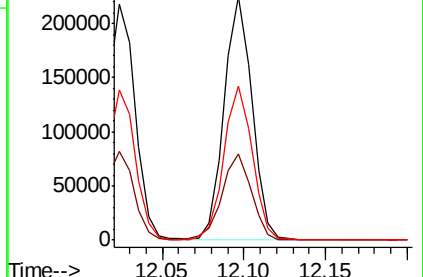
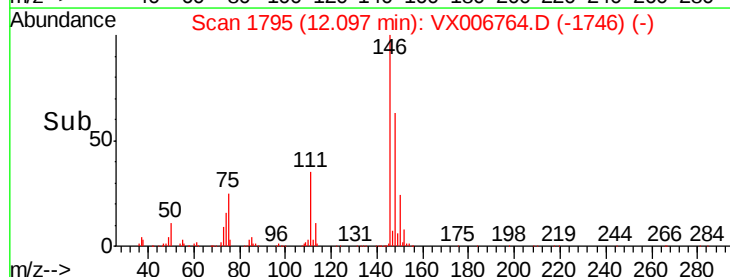
148 64.7 31.9 95.9

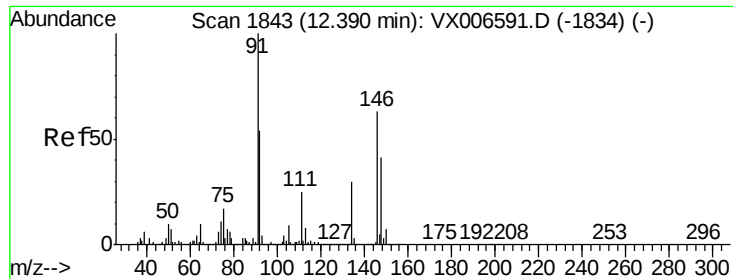


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

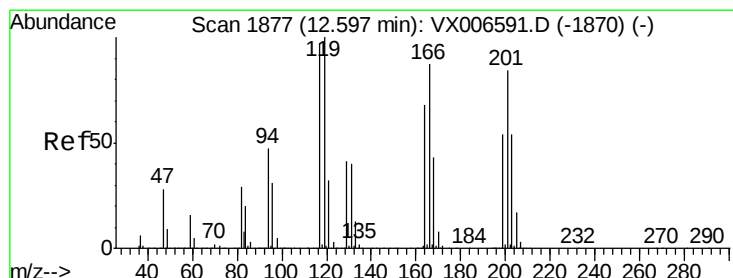
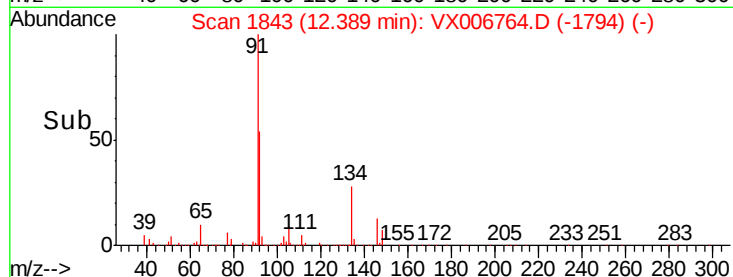
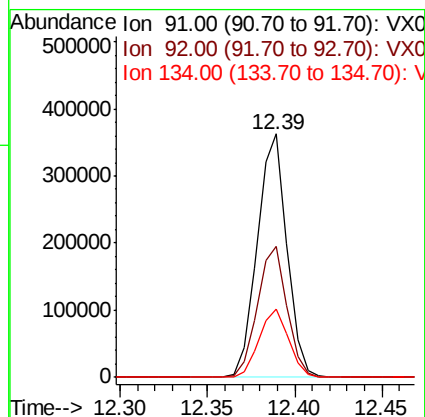
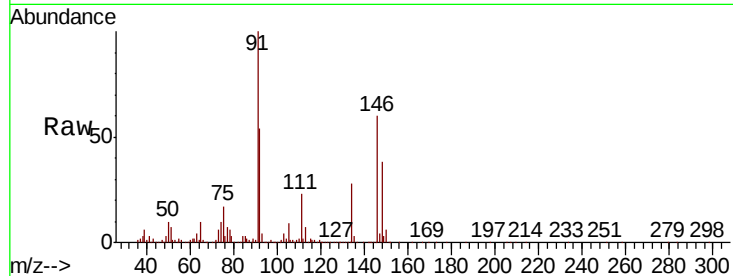




#89
n-Butylbenzene
Concen: 20.120 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006764.D
Acq: 22 Dec 2018 11:43

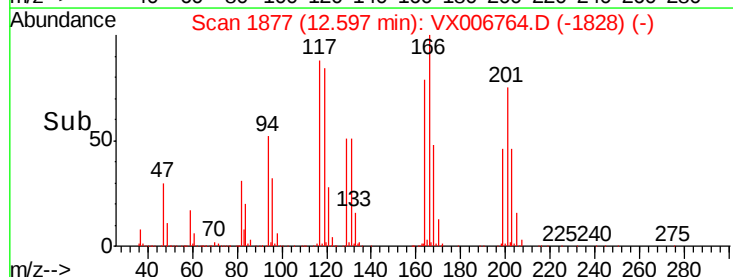
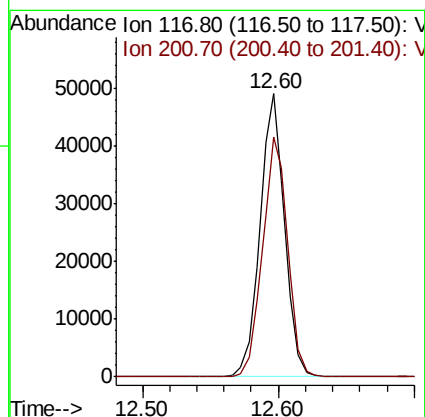
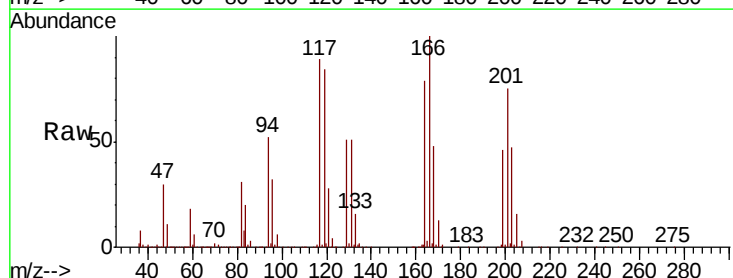
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBS01

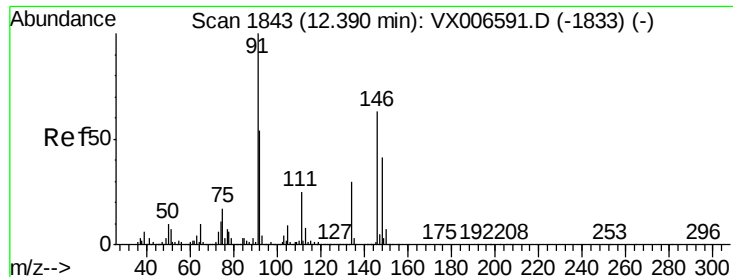
Tot Ion: 91 Resp: 426212
Ion Ratio Lower Upper
91 100
92 53.9 26.8 80.4
134 28.2 14.4 43.2



#90
Hexachloroethane
Concen: 18.206 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006764.D
Acq: 22 Dec 2018 11:43

Tgt Ion: 117 Resp: 62189
Ion Ratio Lower Upper
117 100
201 86.7 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 19.140 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBS01

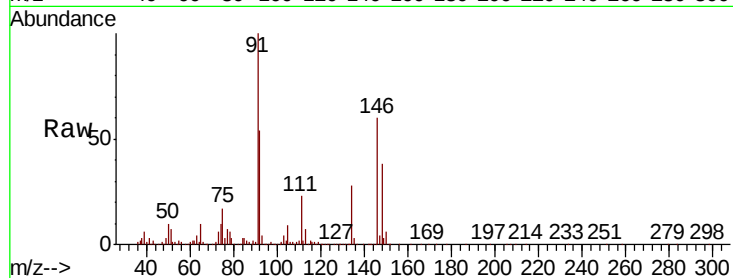
Tot Ion:146 Resp: 261374

Ion Ratio Lower Upper

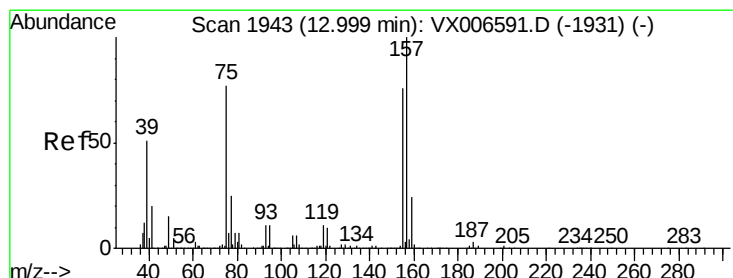
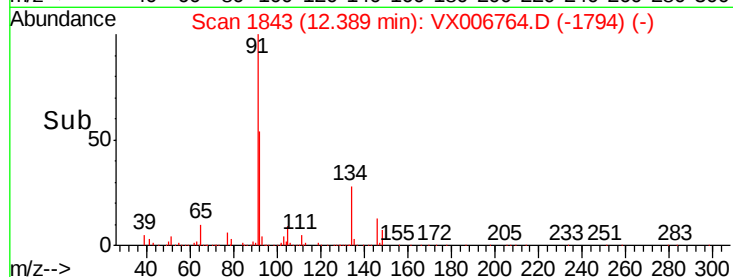
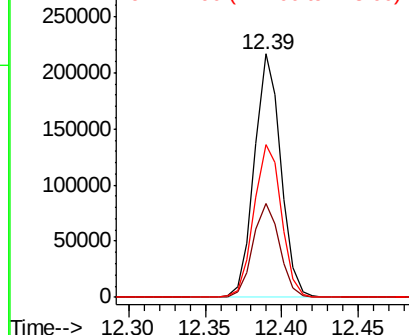
146 100

111 39.1 19.4 58.2

148 65.3 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.752 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

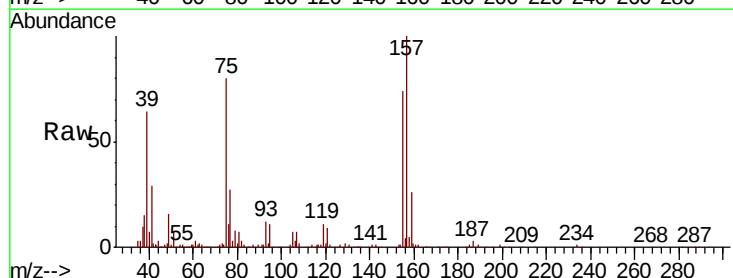
Tgt Ion: 75 Resp: 30605

Ion Ratio Lower Upper

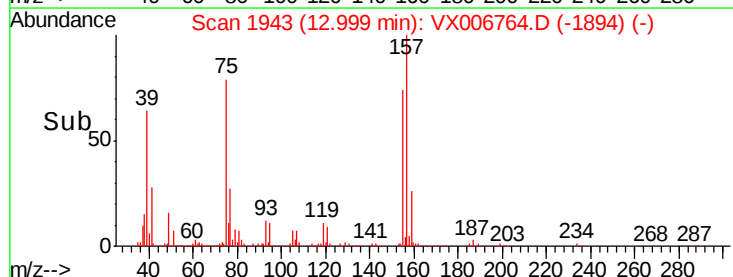
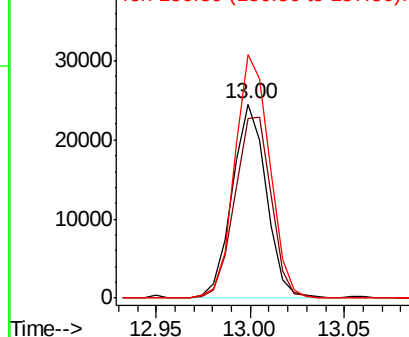
75 100

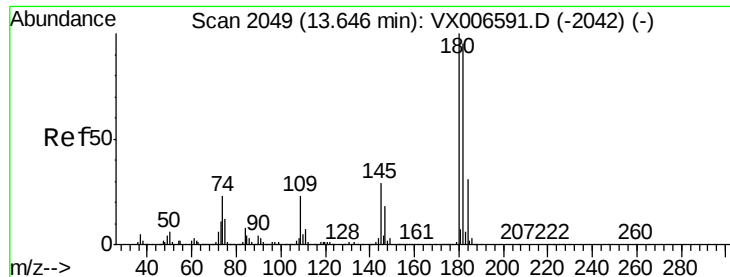
155 100.1 50.6 151.8

157 128.9 64.6 193.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

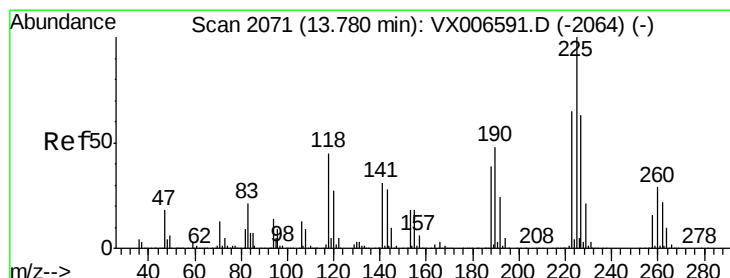
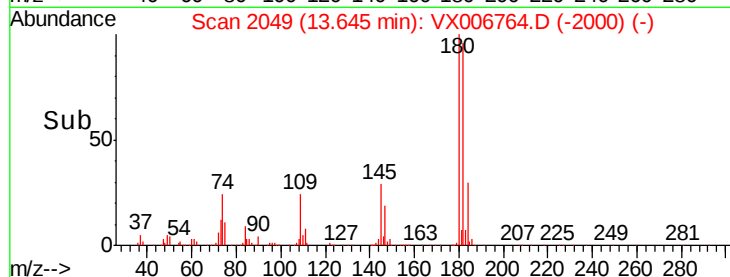
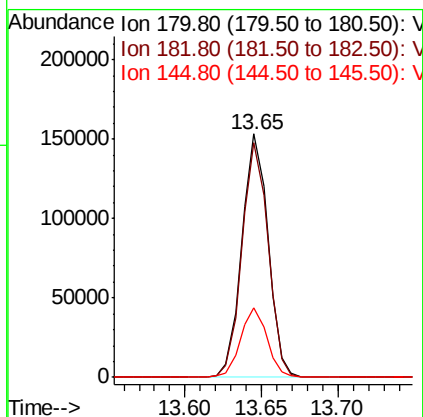
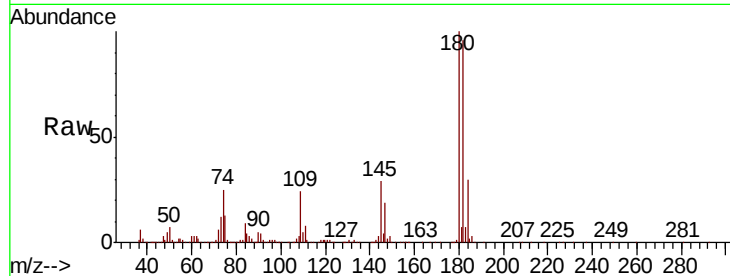




#93
 1,2,4-Trichlorobenzene
 Concen: 19.323 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006764.D
 Acq: 22 Dec 2018 11:43

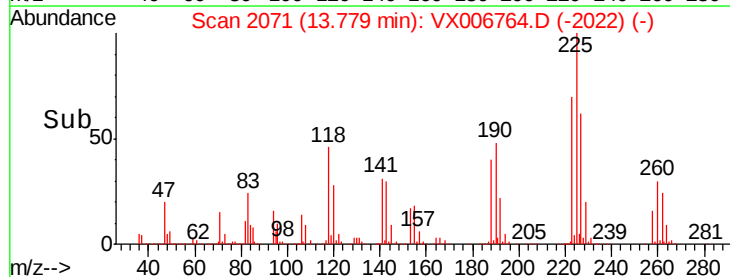
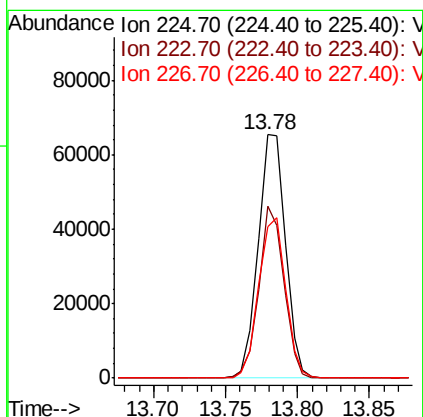
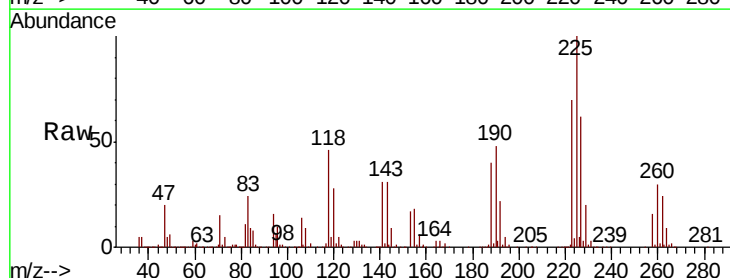
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1222WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.3	142.0
145	28.8	14.8	44.3



#94
 Hexachlorobutadiene
 Concen: 19.104 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006764.D
 Acq: 22 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	32.1	96.3
227	65.5	32.3	96.8





#95

Naphthalene

Concen: 18.641 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBS01

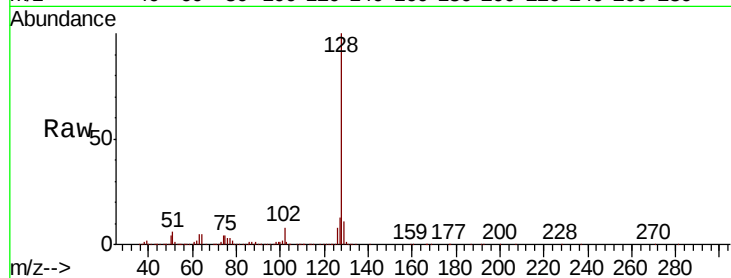
Tot Ion:128 Resp: 560423

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

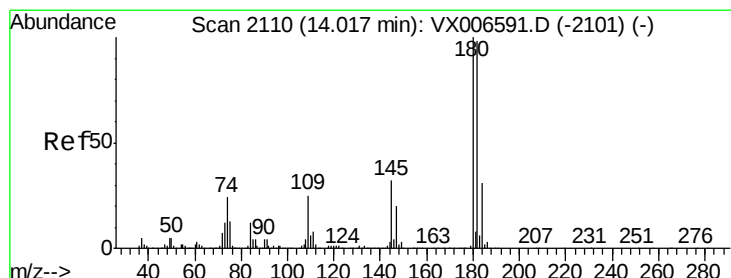
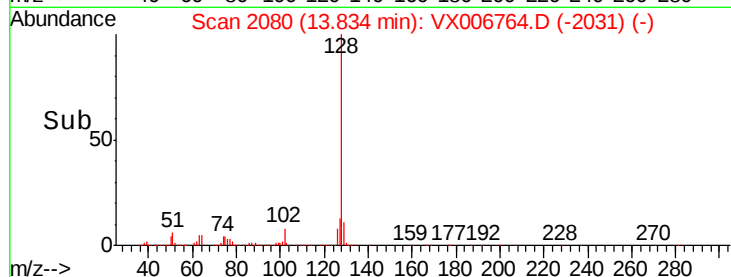
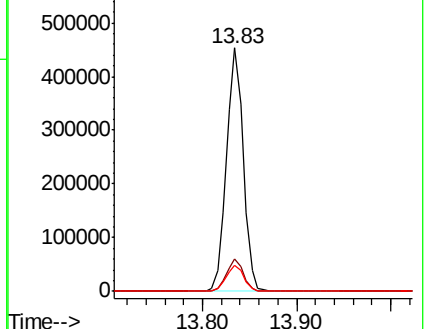
129 11.1 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 18.697 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX006764.D

Acq: 22 Dec 2018 11:43

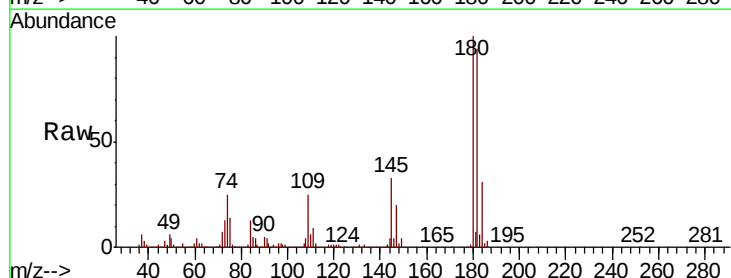
Tgt Ion:180 Resp: 181841

Ion Ratio Lower Upper

180 100

182 95.5 48.5 145.5

145 31.6 16.0 47.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

