

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004863.D
 Acq On : 01 Oct 2018 11:54
 Operator : JC/MD
 Sample : VX1001WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBSD01

Quant Time: Oct 02 02:37:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	225718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	336861	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	325966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198335	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	161361	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
35) Dibromofluoromethane	5.50	113	128633	45.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.12%	
50) Toluene-d8	8.72	98	482294	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.14	95	177493	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	64167	20.850	ug/l	98
3) Chloromethane	1.32	50	71219	19.074	ug/l	100
4) Vinyl Chloride	1.40	62	69721	19.909	ug/l	97
5) Bromomethane	1.64	94	45704	22.008	ug/l	98
6) Chloroethane	1.72	64	42960	21.168	ug/l	98
7) Trichlorofluoromethane	1.93	101	88401	20.390	ug/l	97
8) Diethyl Ether	2.19	74	37756	20.046	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	49639	20.100	ug/l	99
10) Methyl Iodide	2.51	142	41960	12.697	ug/l	99
11) Tert butyl alcohol	3.07	59	87527	97.083	ug/l	99
12) 1,1-Dichloroethene	2.37	96	47250	19.319	ug/l	95
13) Acrolein	2.29	56	43031	67.083	ug/l	97
14) Allyl chloride	2.73	41	108134	20.264	ug/l	95
15) Acrylonitrile	3.15	53	201092	101.321	ug/l	99
16) Acetone	2.45	43	187653	99.685	ug/l	97
17) Carbon Disulfide	2.57	76	134893	18.355	ug/l	100
18) Methyl Acetate	2.78	43	105260	22.070	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	185247	21.959	ug/l	96
20) Methylene Chloride	2.85	84	59108	21.111	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	52013	19.427	ug/l	97
22) Diisopropyl ether	3.87	45	186414	20.745	ug/l	93
23) Vinyl Acetate	3.82	43	835164	101.535	ug/l	95
24) 1,1-Dichloroethane	3.70	63	103478	19.305	ug/l	99
25) 2-Butanone	4.70	43	269316	97.058	ug/l	96
26) 2,2-Dichloropropane	4.58	77	75012	20.096	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	57557	19.244	ug/l	94
28) Bromochloromethane	5.02	49	48919	19.380	ug/l	90
29) Tetrahydrofuran	5.15	42	171297	99.324	ug/l	92
30) Chloroform	5.21	83	99736	19.687	ug/l	98
31) Cyclohexane	5.57	56	80901	19.720	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	81062	19.593	ug/l	99
36) 1,1-Dichloropropene	5.80	75	68484	17.582	ug/l	99
37) Ethyl Acetate	4.86	43	96521	18.668	ug/l	98
38) Carbon Tetrachloride	5.78	117	69283	16.921	ug/l	98

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Instrument :
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 ClientSampleID :
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Quant Time: Oct 02 02:37:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	78304	19.687	ug/l	94
40) Benzene	6.14	78	218909	17.951	ug/l	99
41) Methacrylonitrile	5.06	41	52996	18.482	ug/l	96
42) 1,2-Dichloroethane	6.20	62	81408	18.884	ug/l	98
43) Isopropyl Acetate	6.46	43	140101	18.773	ug/l	96
44) Trichloroethene	7.21	130	57500	19.181	ug/l	94
45) 1,2-Dichloropropane	7.52	63	60444	20.212	ug/l	97
46) Dibromomethane	7.66	93	38889	20.692	ug/l	97
47) Bromodichloromethane	7.90	83	72807	20.691	ug/l	98
48) Methyl methacrylate	7.78	41	73584	21.724	ug/l	92
49) 1,4-Dioxane	7.76	88	28847	342.793	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	503846	107.225	ug/l	92
52) Toluene	8.79	92	136333	20.346	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	81380	20.466	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	88813	21.324	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	59021	20.108	ug/l	98
56) Ethyl methacrylate	9.18	69	85864	19.858	ug/l	93
57) 1,3-Dichloropropane	9.37	76	98254	20.113	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	245235	105.685	ug/l	93
59) 2-Hexanone	9.49	43	389347	99.432	ug/l	93
60) Dibromochloromethane	9.59	129	58474	19.920	ug/l	99
61) 1,2-Dibromoethane	9.67	107	61521	19.571	ug/l	98
64) Tetrachloroethene	9.34	164	57114	17.802	ug/l	97
65) Chlorobenzene	10.14	112	155611	18.617	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	56017	19.063	ug/l	98
67) Ethyl Benzene	10.26	91	248251	18.707	ug/l	98
68) m/p-Xylenes	10.36	106	198172	38.215	ug/l	96
69) o-Xylene	10.70	106	94645	19.871	ug/l	96
70) Styrene	10.71	104	161440	19.487	ug/l	98
71) Bromoform	10.86	173	46771	18.591	ug/l #	100
73) Isopropylbenzene	11.02	105	250878	20.068	ug/l	99
74) N-amyl acetate	10.90	43	121568	18.822	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	96041	18.873	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	107505	24.183	ug/l	89
77) Bromobenzene	11.26	156	71341	19.647	ug/l	98
78) n-propylbenzene	11.36	91	290649	20.263	ug/l	99
79) 2-Chlorotoluene	11.42	91	176865	19.782	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	215585	18.692	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.07	75	25967	17.286	ug/l	98
82) 4-Chlorotoluene	11.51	91	209541	19.911	ug/l	99
83) tert-Butylbenzene	11.77	119	207055	20.117	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	223348	18.778	ug/l	97
85) sec-Butylbenzene	11.94	105	250645	19.993	ug/l	99
86) p-Isopropyltoluene	12.07	119	224408	19.757	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	128232	18.912	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	132009	18.860	ug/l	99
89) n-Butylbenzene	12.39	91	195929	18.993	ug/l	96
90) Hexachloroethane	12.60	117	34412	18.196	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	129894	18.332	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20919	18.722	ug/l	95

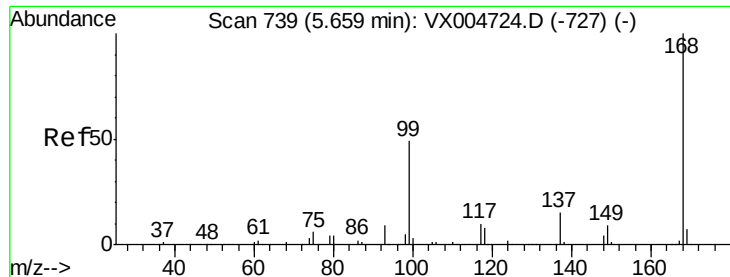
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
Data File : VX004863.D
Acq On : 01 Oct 2018 11:54
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Instrument :
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ClientSampleId :
VX1001WBSD01

Quant Time: Oct 02 02:37:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	92906	18.691	ug/l	99
94) Hexachlorobutadiene	13.78	225	44688	17.338	ug/l	95
95) Naphthalene	13.83	128	292677	18.205	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	98602	19.203	ug/l	97

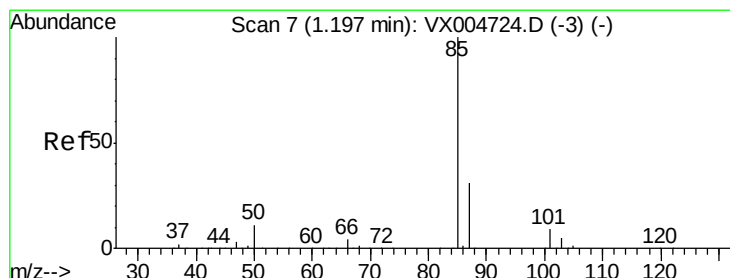
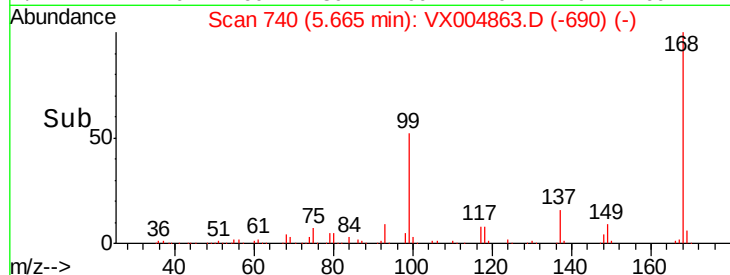
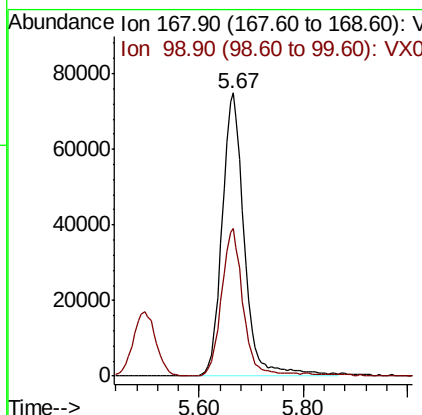
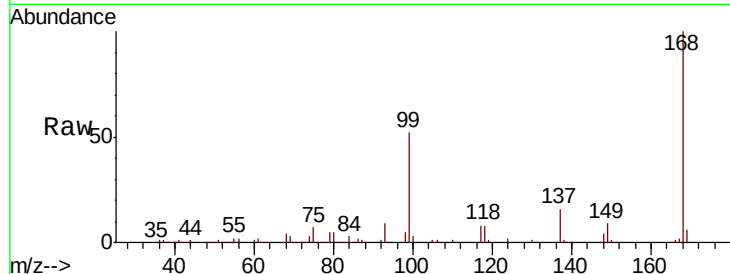
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

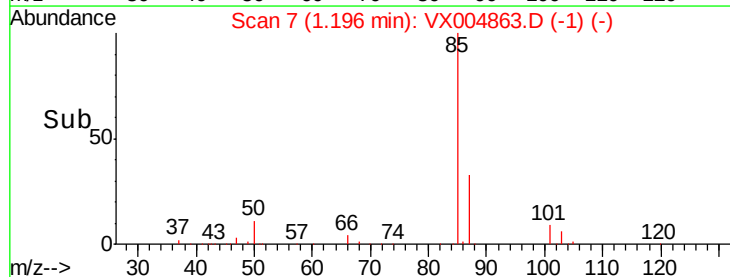
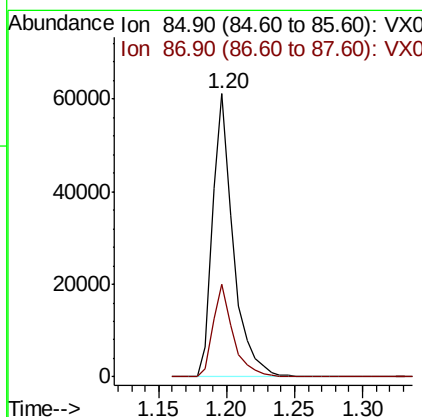
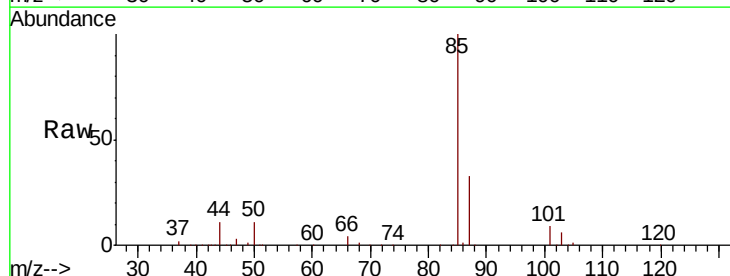
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBSD01

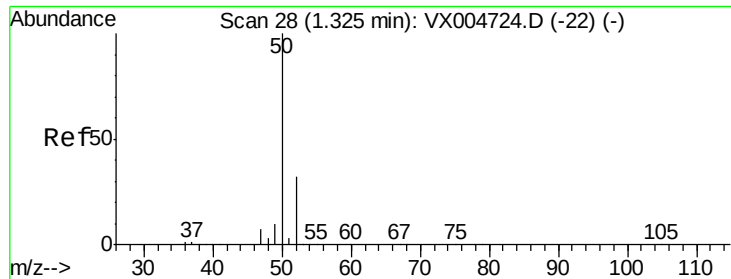
Tot Ion:168 Resp: 225718
Ion Ratio Lower Upper
168 100
99 52.1 39.9 59.9



#2
Dichlorodifluoromethane
Concen: 20.850 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tgt Ion: 85 Resp: 64167
Ion Ratio Lower Upper
85 100
87 32.9 17.0 50.9





#3

Chloromethane

Concen: 19.074 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

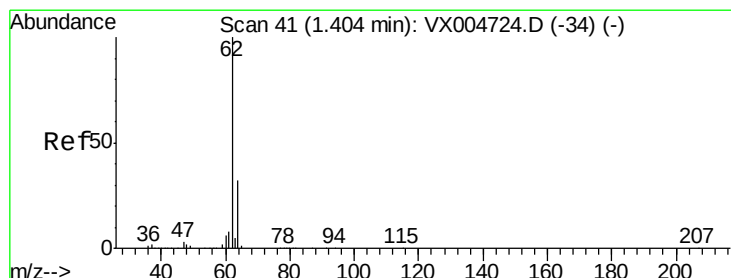
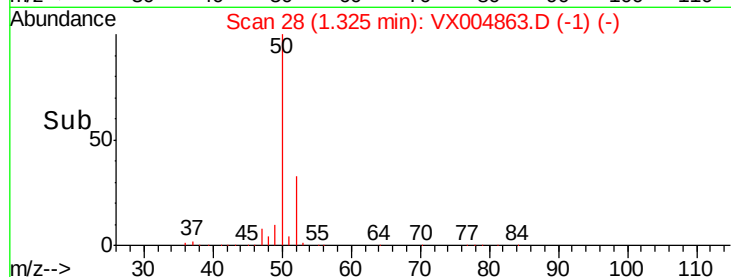
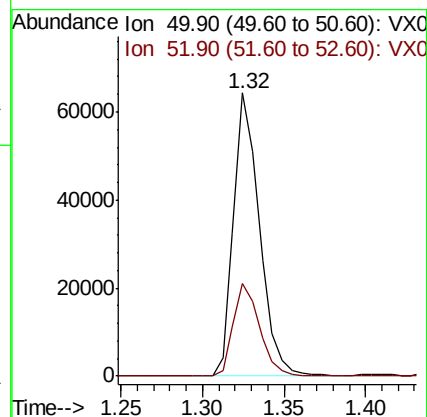
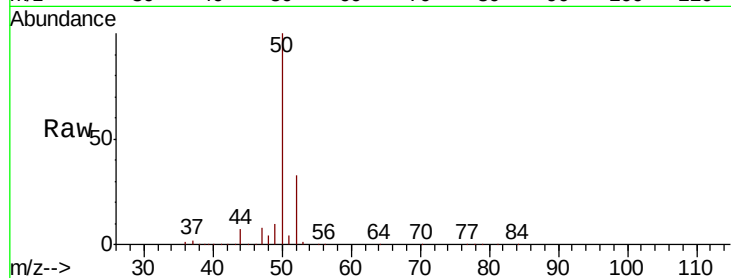
VX1001WBSD01

Tot Ion: 50 Resp: 71219

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.2



#4

Vinyl Chloride

Concen: 19.909 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004863.D

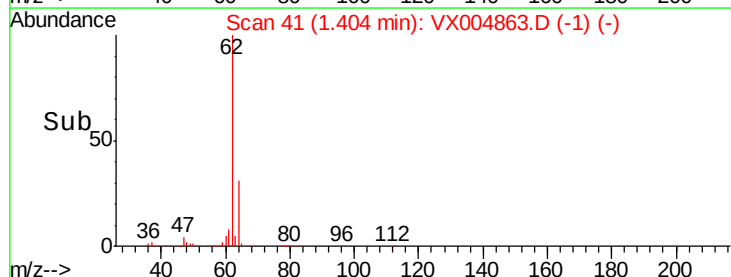
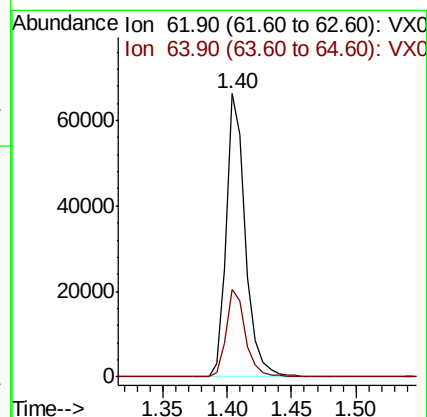
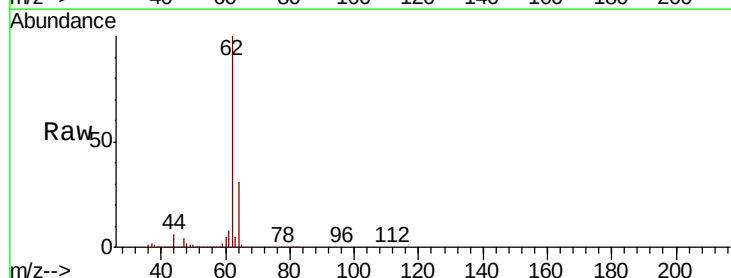
Acq: 01 Oct 2018 11:54

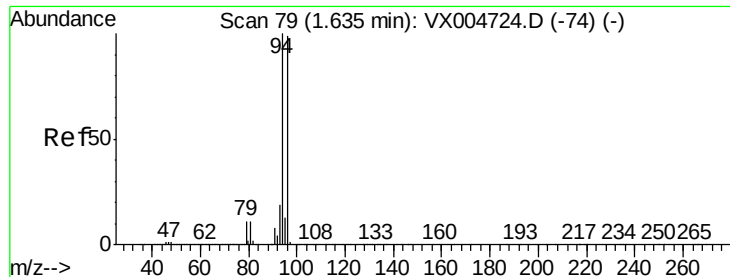
Tgt Ion: 62 Resp: 69721

Ion Ratio Lower Upper

62 100

64 30.8 25.8 38.8





#5

Bromomethane

Concen: 22.008 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

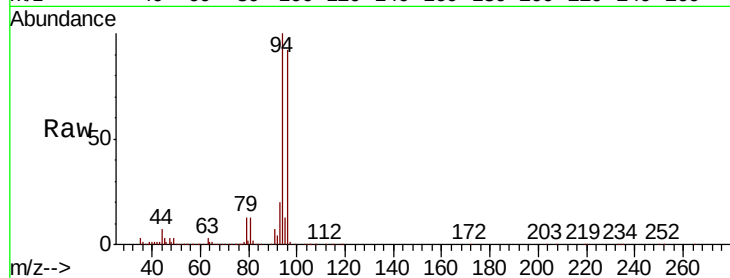
VX1001WBSD01

Tot Ion: 94 Resp: 45704

Ion Ratio Lower Upper

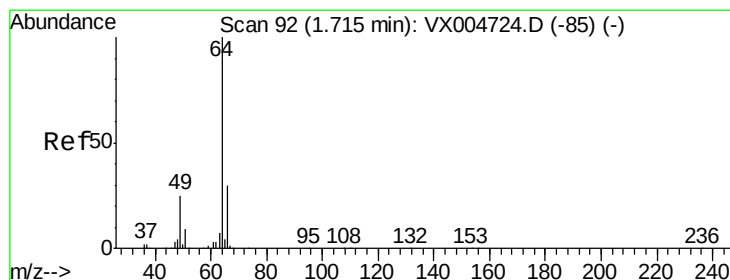
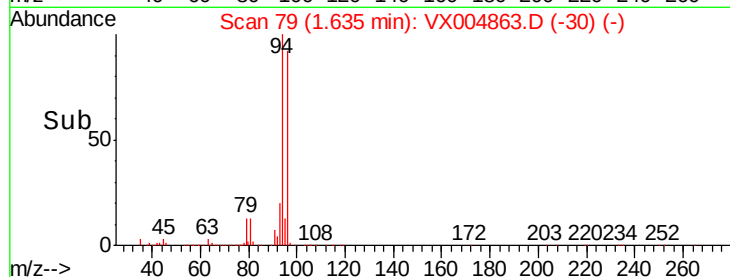
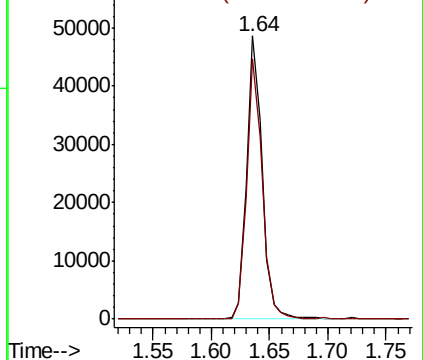
94 100

96 91.6 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.168 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004863.D

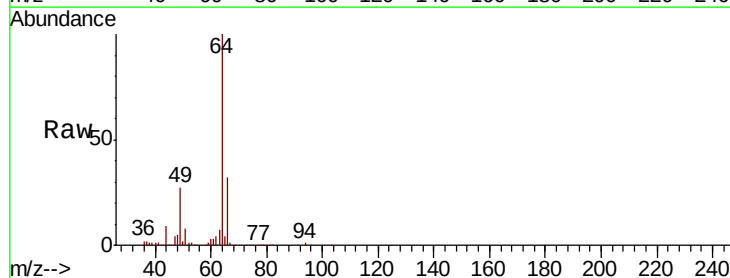
Acq: 01 Oct 2018 11:54

Tgt Ion: 64 Resp: 42960

Ion Ratio Lower Upper

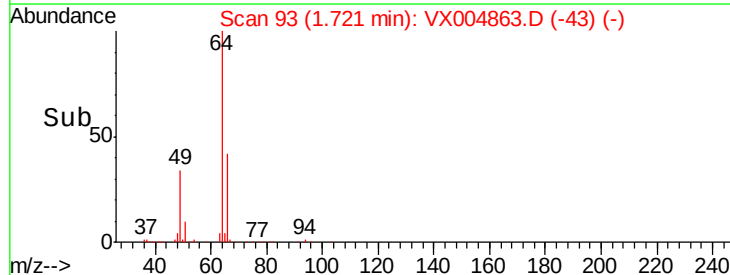
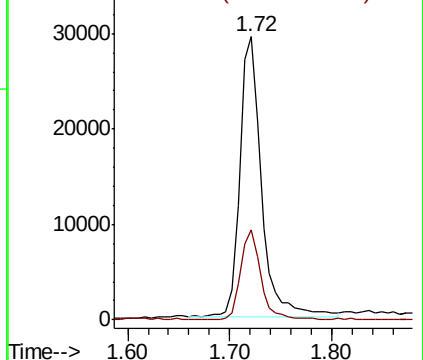
64 100

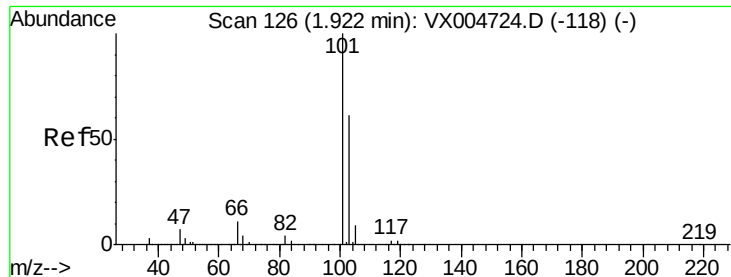
66 31.9 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



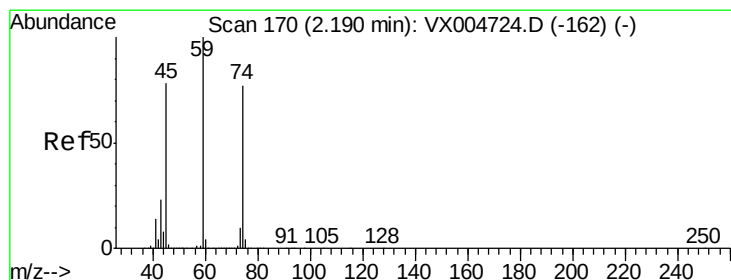
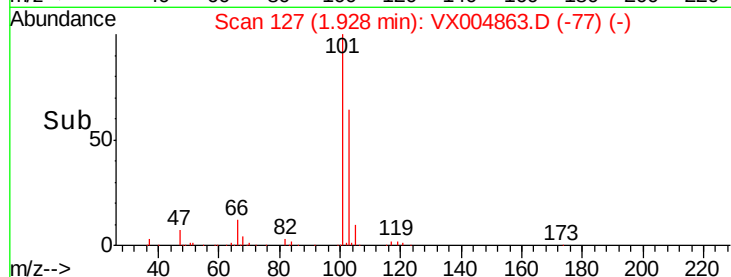
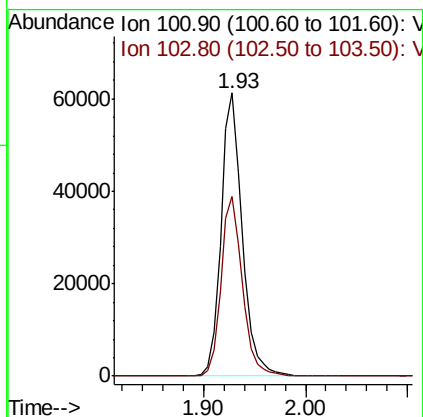
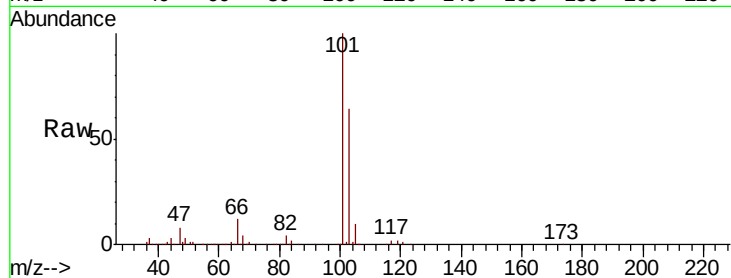


#7

Trichlorofluoromethane
Concen: 20.390 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBSD01

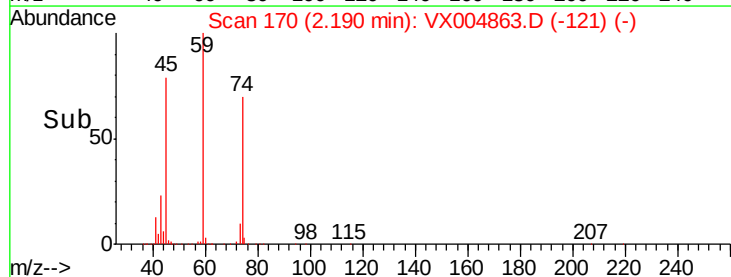
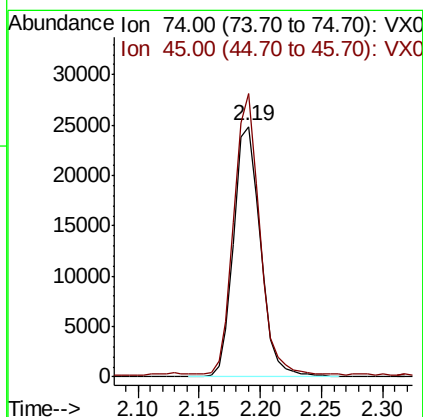
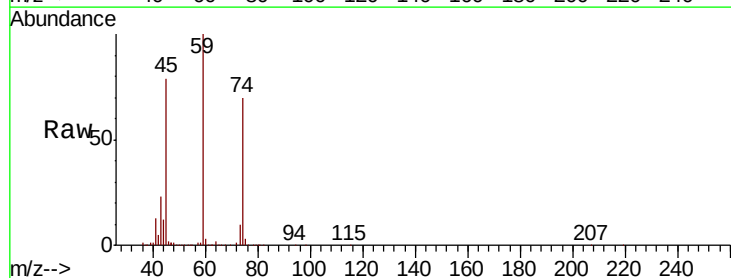
Tot Ion:101 Resp: 88401
Ion Ratio Lower Upper
101 100
103 63.5 48.9 73.3

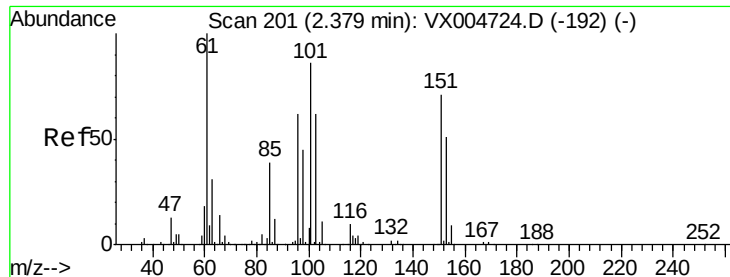


#8

Diethyl Ether
Concen: 20.046 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tgt Ion: 74 Resp: 37756
Ion Ratio Lower Upper
74 100
45 107.0 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.100 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBSD01

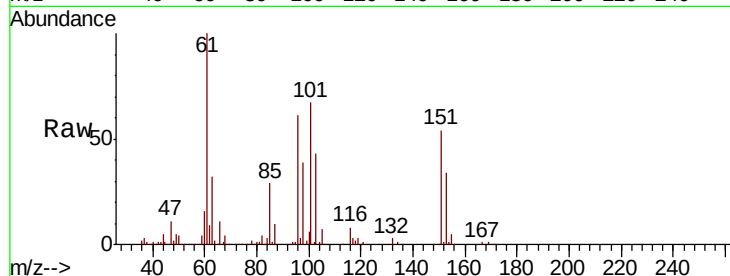
Tot Ion:101 Resp: 49639

Ion Ratio Lower Upper

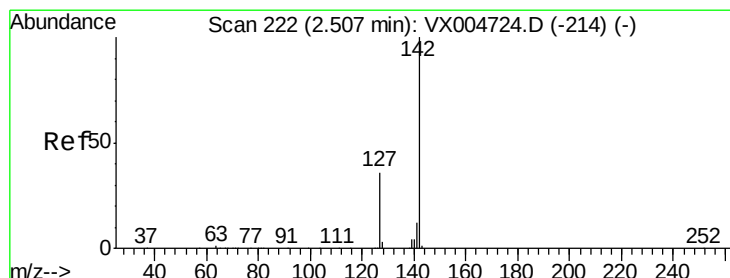
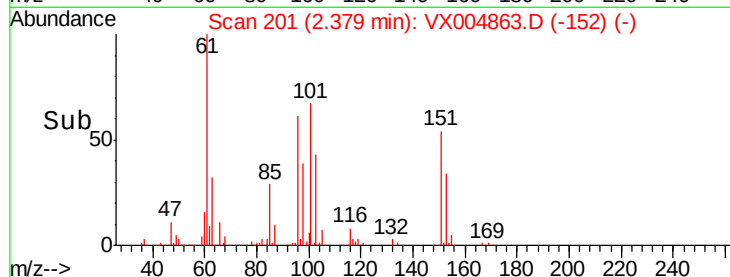
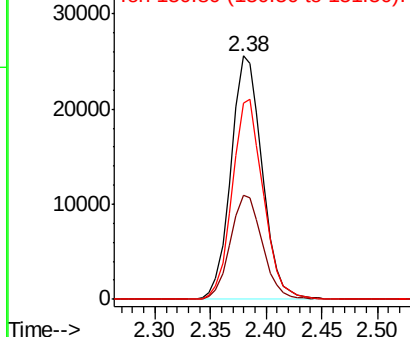
101 100

85 44.1 34.2 51.4

151 81.9 65.0 97.6



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: 12.697 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

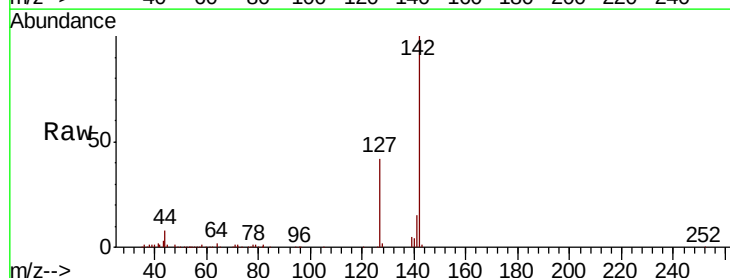
Tgt Ion:142 Resp: 41960

Ion Ratio Lower Upper

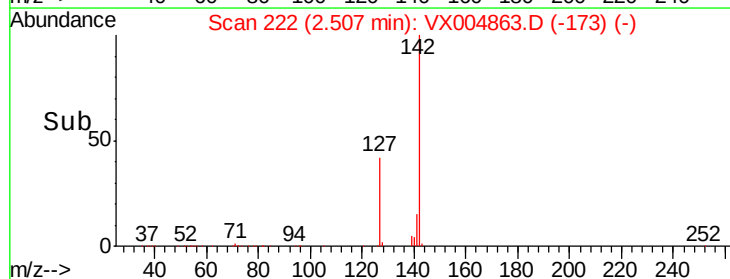
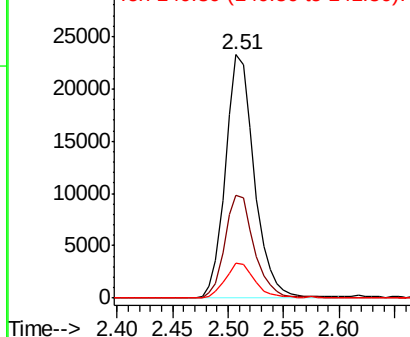
142 100

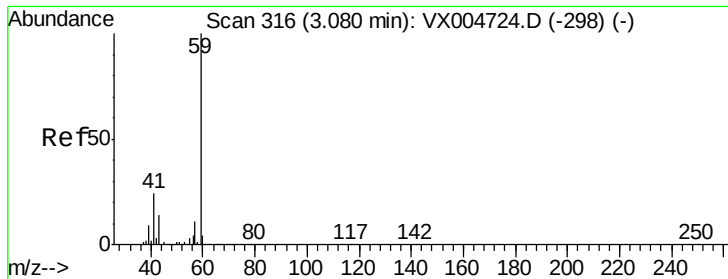
127 42.6 33.8 50.6

141 14.9 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

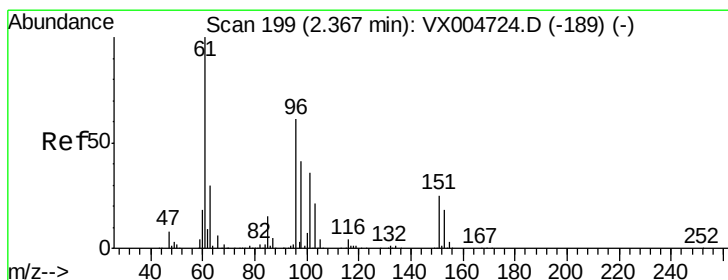
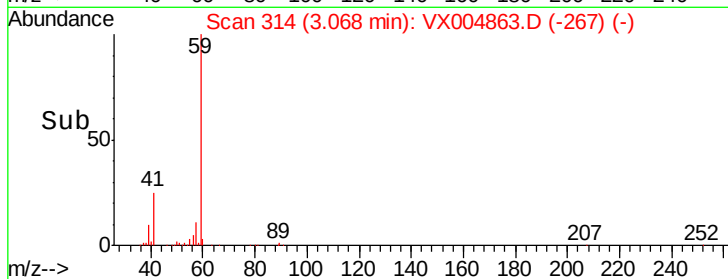
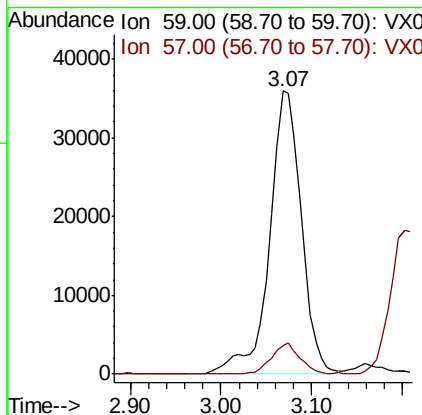
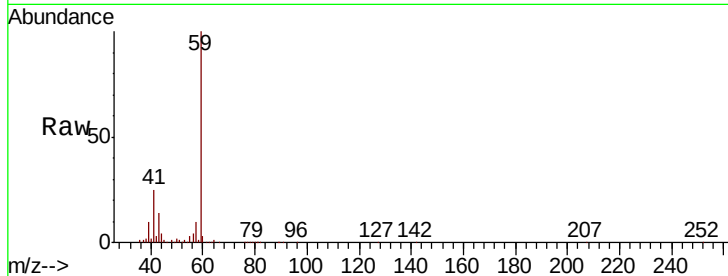




#11
Tert butyl alcohol
Concen: 97.083 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

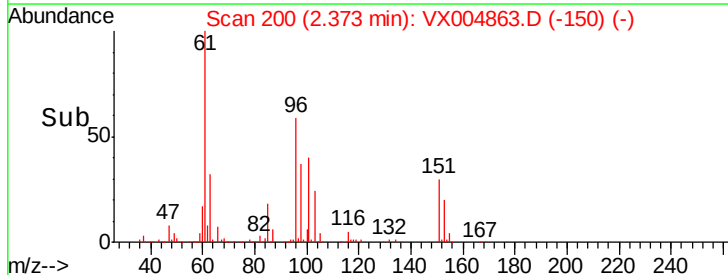
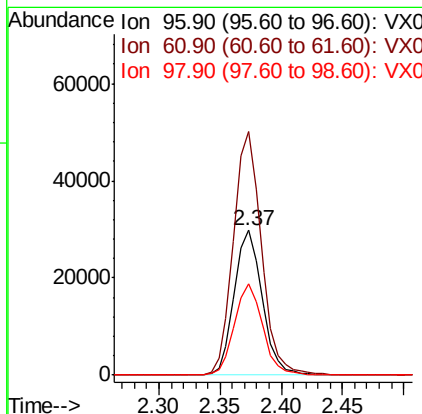
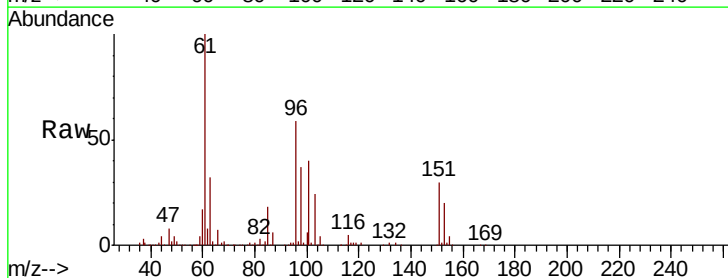
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBSD01

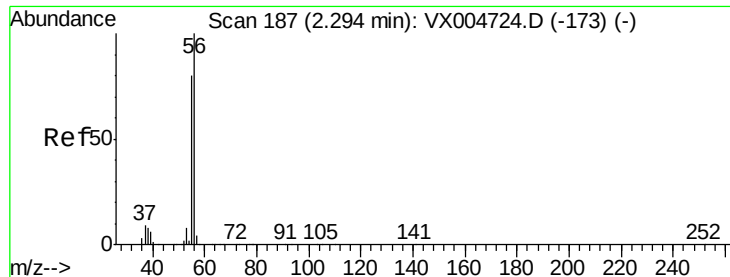
Tot Ion: 59 Resp: 87527
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.319 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tgt Ion: 96 Resp: 47250
Ion Ratio Lower Upper
96 100
61 167.9 128.8 193.2
98 62.8 52.2 78.2





#13

Acrolein

Concen: 67.083 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

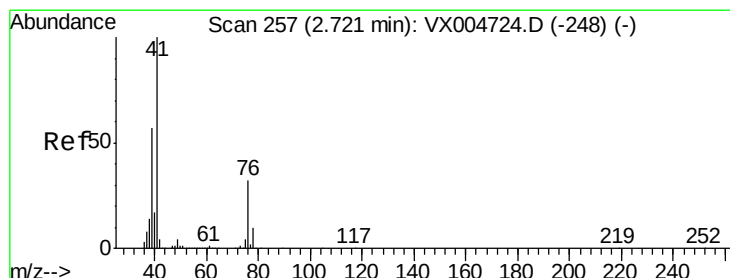
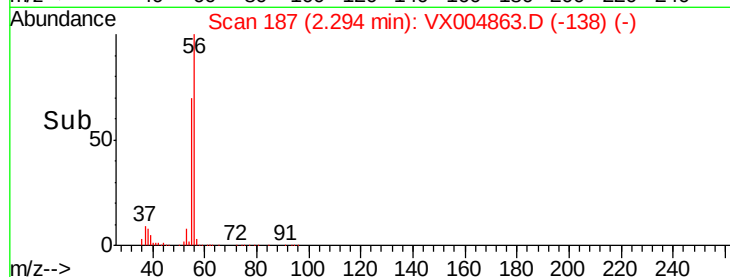
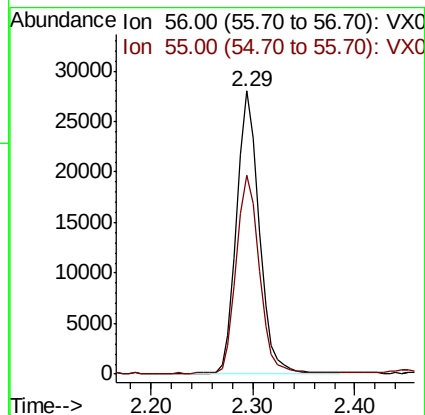
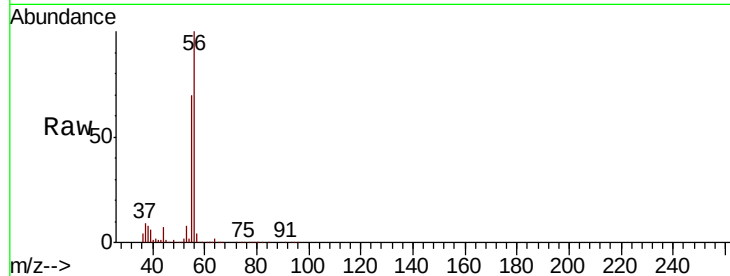
VX1001WBSD01

Tot Ion: 56 Resp: 43031

Ion Ratio Lower Upper

56 100

55 71.2 54.7 82.1



#14

Allyl chloride

Concen: 20.264 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

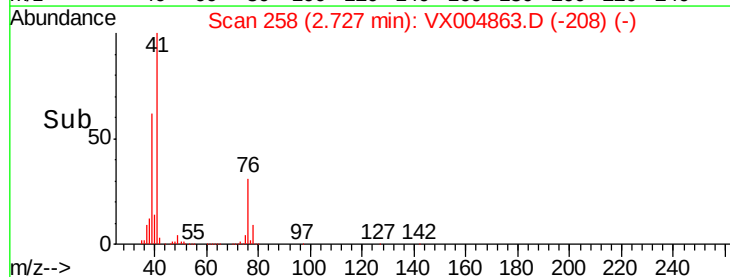
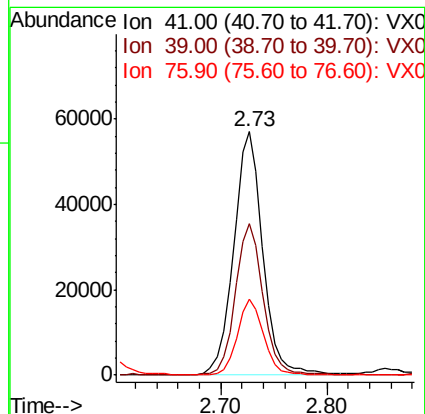
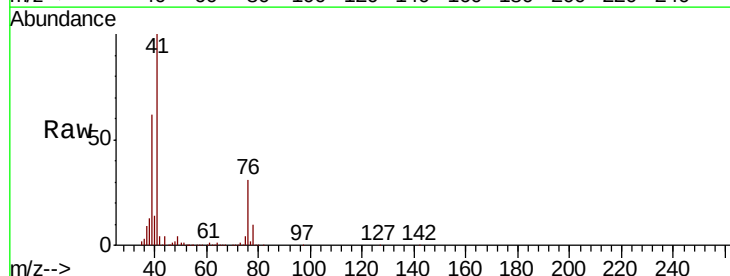
Tgt Ion: 41 Resp: 108134

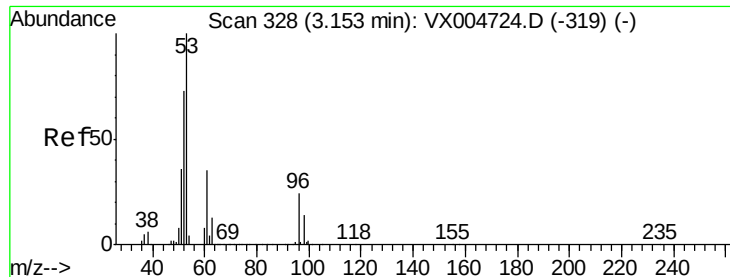
Ion Ratio Lower Upper

41 100

39 59.1 48.9 73.3

76 28.1 26.7 40.1





#15

Acrylonitrile

Concen: 101.321 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBSD01

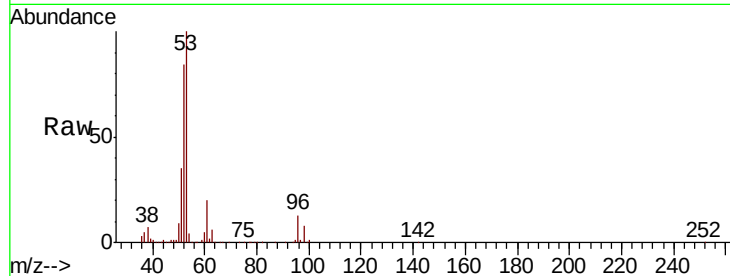
Tot Ion: 53 Resp: 201092

Ion Ratio Lower Upper

53 100

52 82.8 65.2 97.8

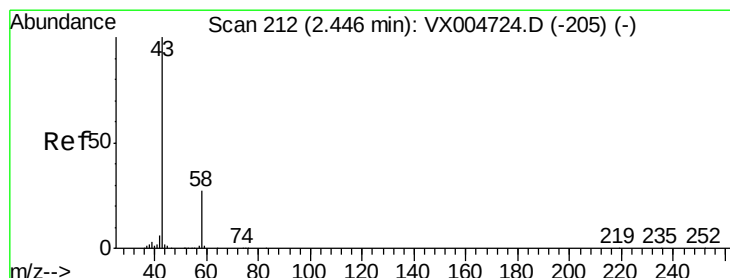
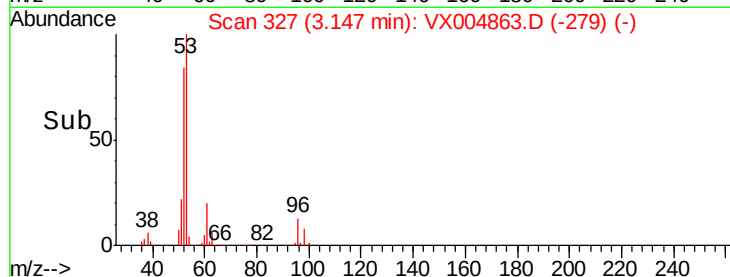
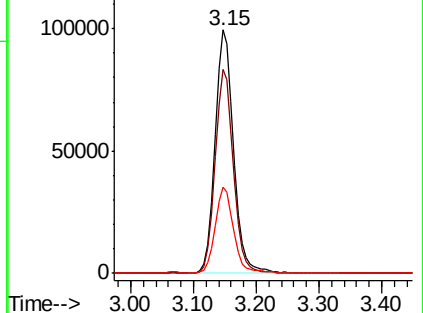
51 35.6 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 99.685 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004863.D

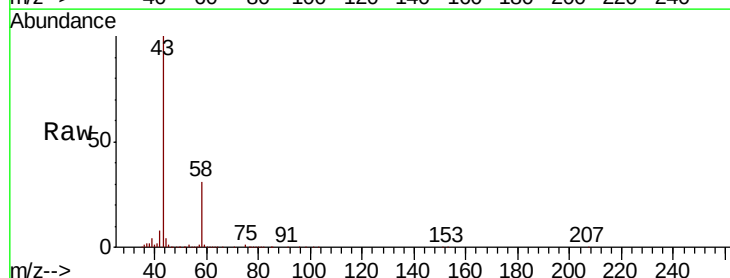
Acq: 01 Oct 2018 11:54

Tgt Ion: 43 Resp: 187653

Ion Ratio Lower Upper

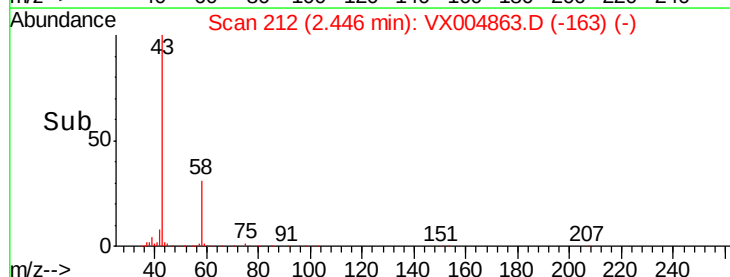
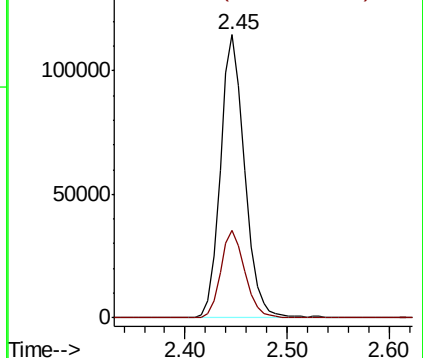
43 100

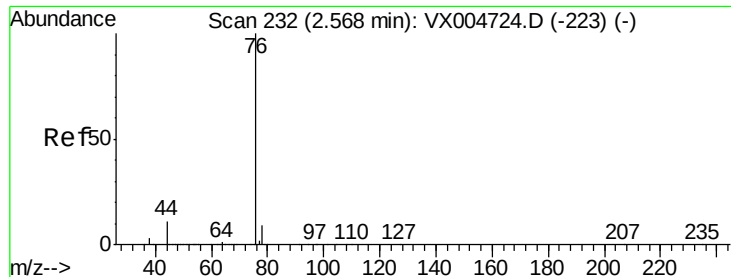
58 31.1 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.355 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

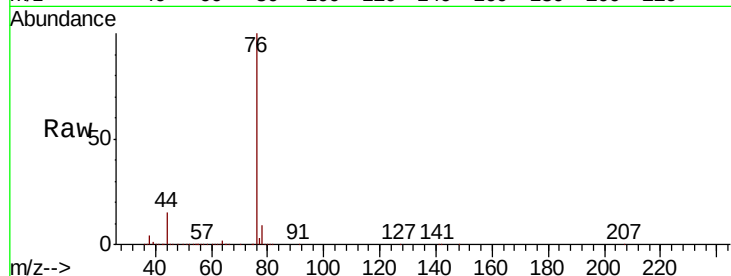
VX1001WBSD01

Tot Ion: 76 Resp: 134893

Ion Ratio Lower Upper

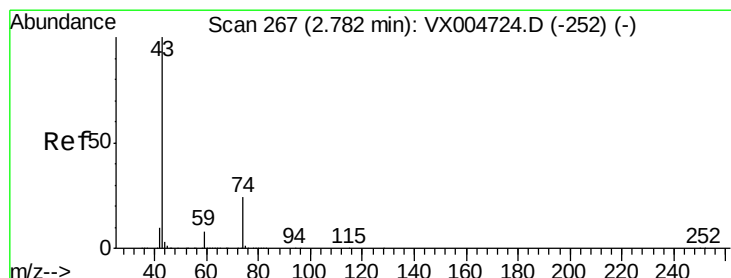
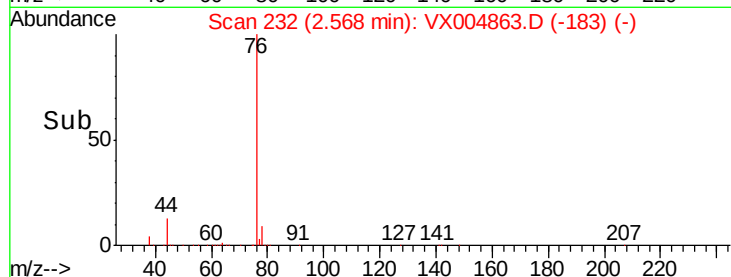
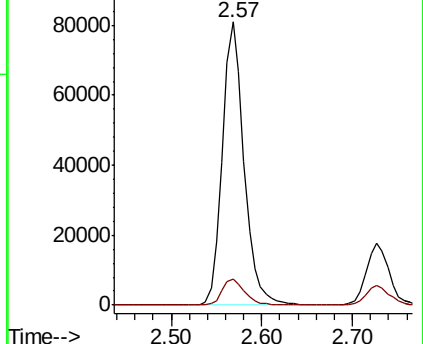
76 100

78 8.8 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: 22.070 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX004863.D

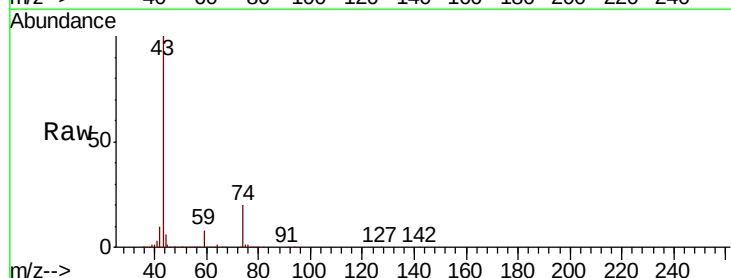
Acq: 01 Oct 2018 11:54

Tgt Ion: 43 Resp: 105260

Ion Ratio Lower Upper

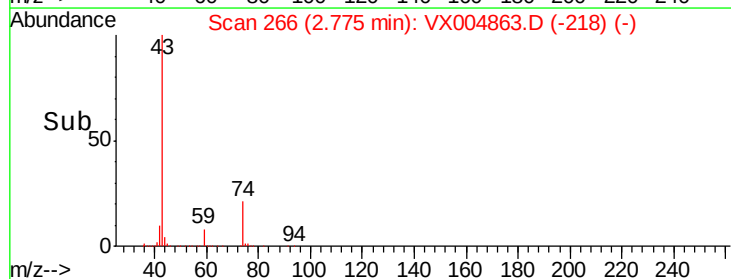
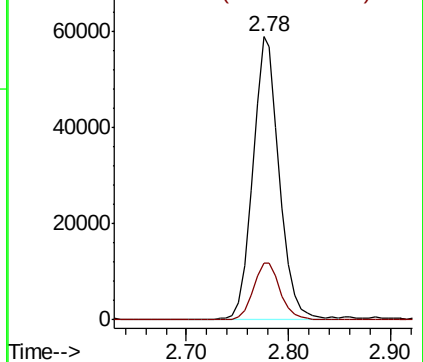
43 100

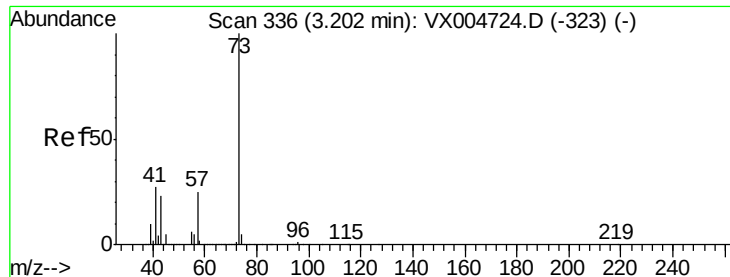
74 20.3 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



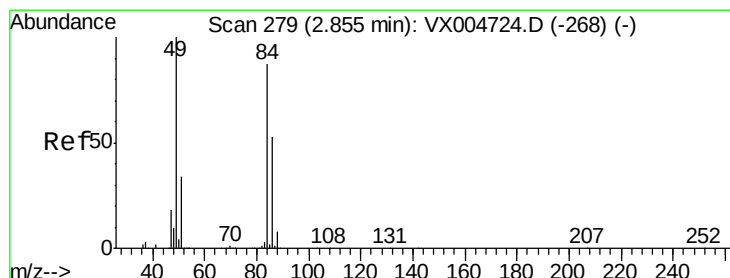
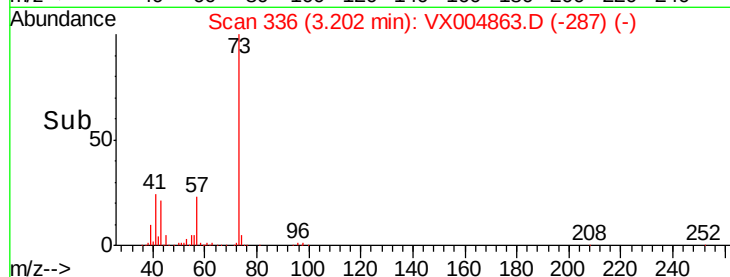
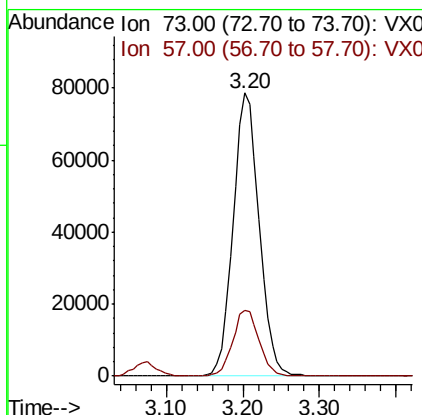
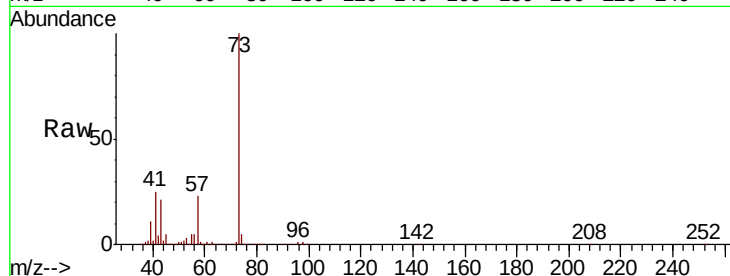


#19

Methyl tert-butyl Ether
 Concen: 21.959 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBSD01

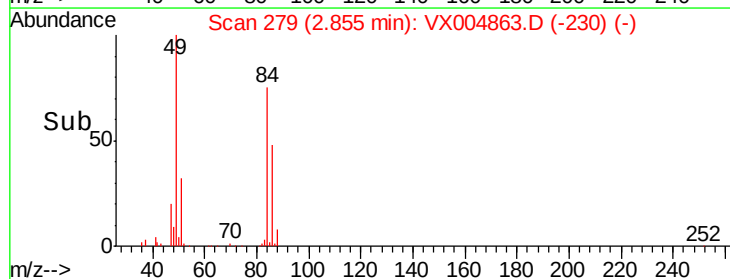
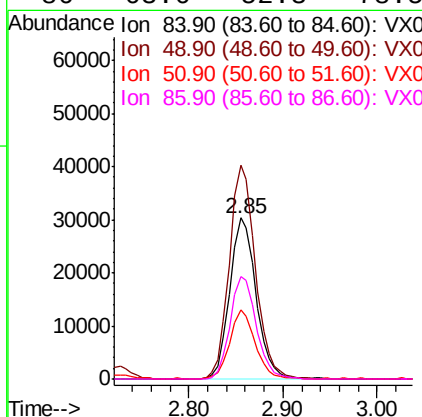
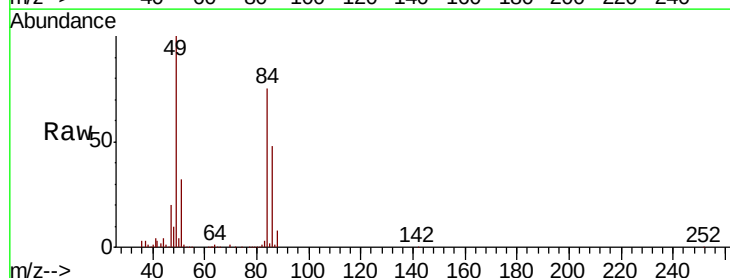
Tot Ion: 73 Resp: 185247
 Ion Ratio Lower Upper
 73 100
 57 23.2 17.1 25.7

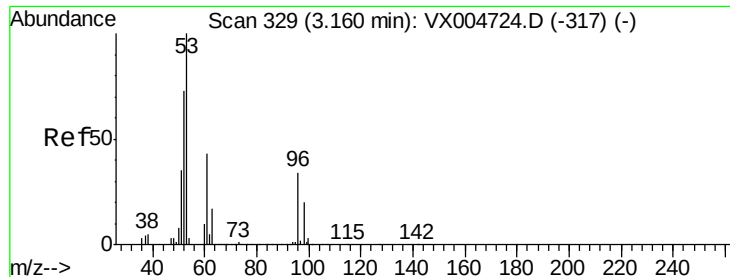


#20

Methylene Chloride
 Concen: 21.111 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Tgt Ion: 84 Resp: 59108
 Ion Ratio Lower Upper
 84 100
 49 132.9 101.2 151.8
 51 42.9 29.5 44.3
 86 63.6 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.427 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBSD01

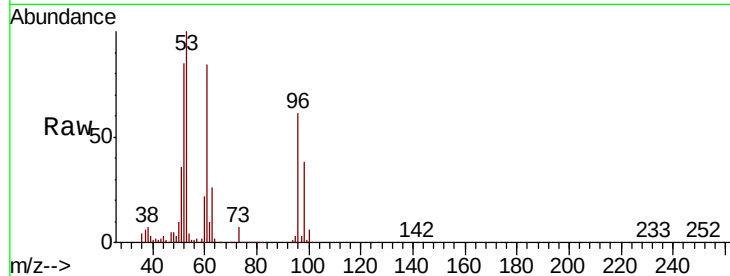
Tot Ion: 96 Resp: 52013

Ion Ratio Lower Upper

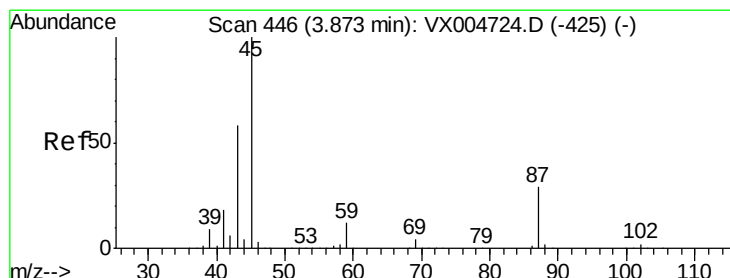
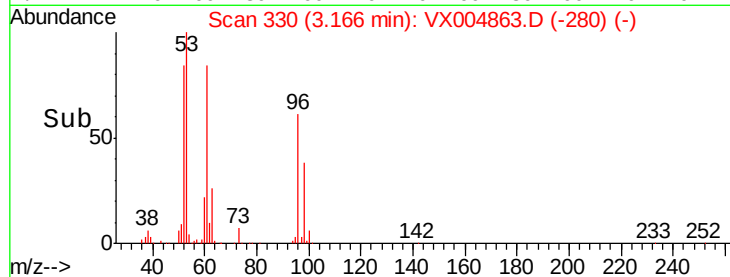
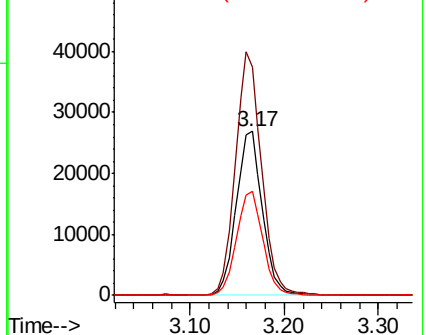
96 100

61 138.4 113.8 170.6

98 63.2 51.8 77.8



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: 20.745 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Tgt Ion: 45 Resp: 186414

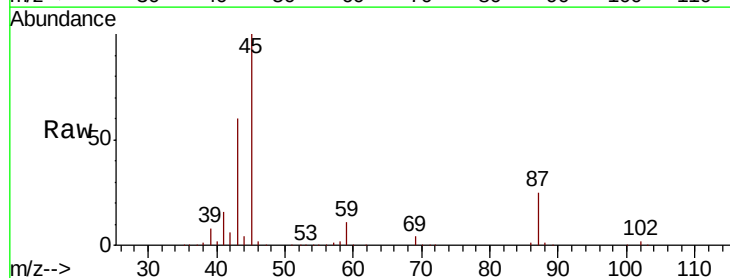
Ion Ratio Lower Upper

45 100

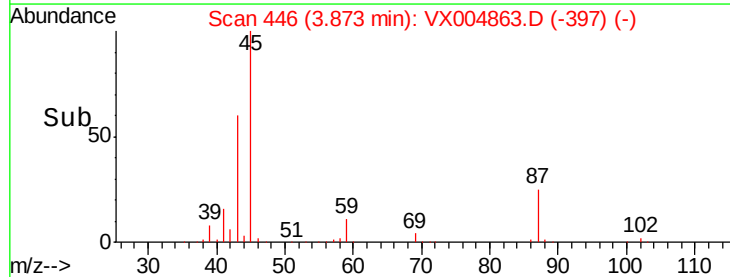
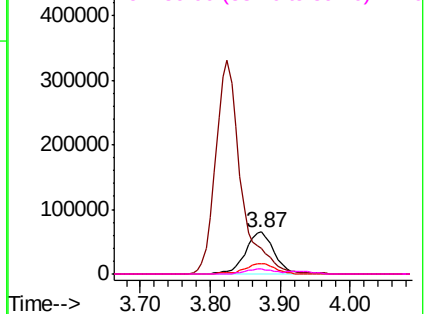
43 59.3 42.8 64.2

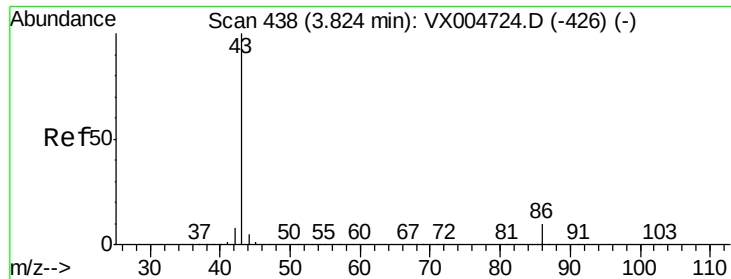
87 25.1 22.6 34.0

59 11.1 9.6 14.4



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: 101.535 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

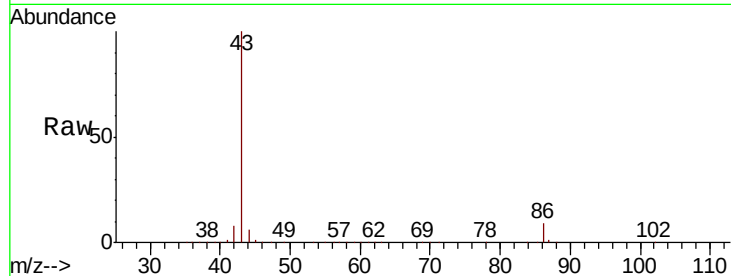
VX1001WBSD01

Tot Ion: 43 Resp: 835164

Ion Ratio Lower Upper

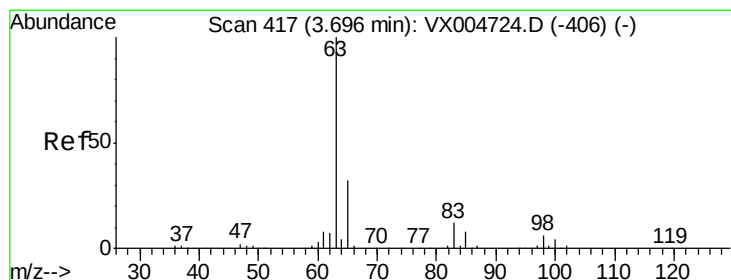
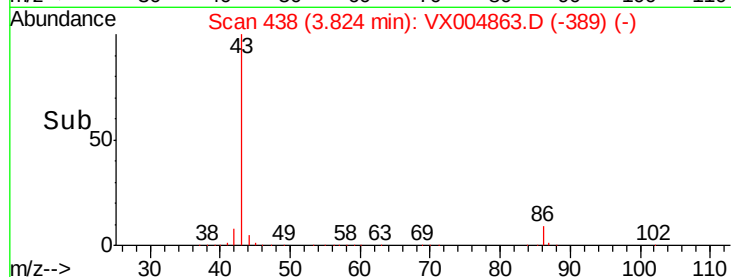
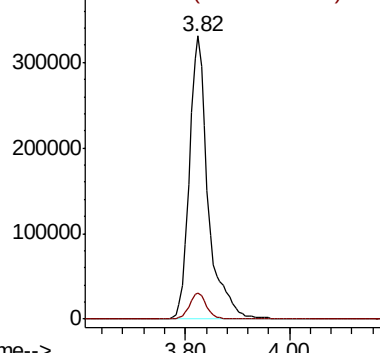
43 100

86 9.2 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.305 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

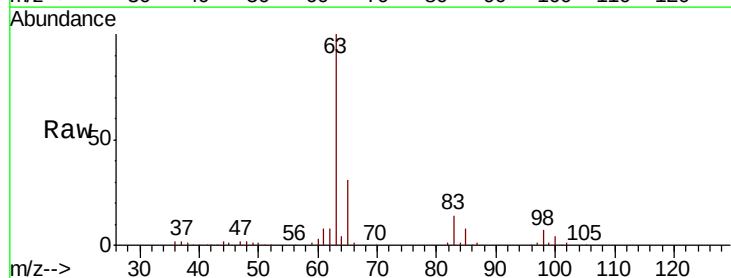
Tgt Ion: 63 Resp: 103478

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

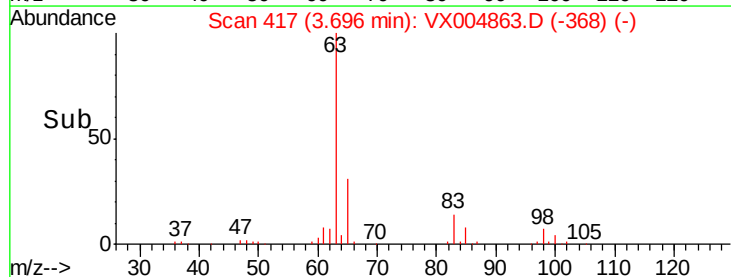
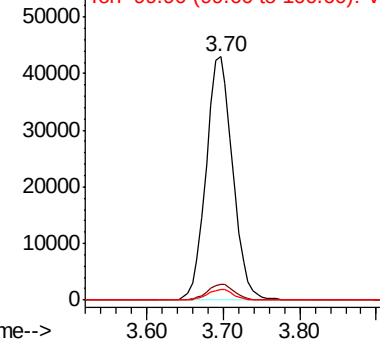
100 4.4 2.4 7.1

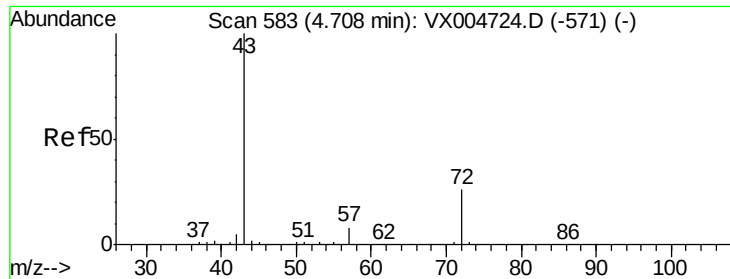


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 97.058 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

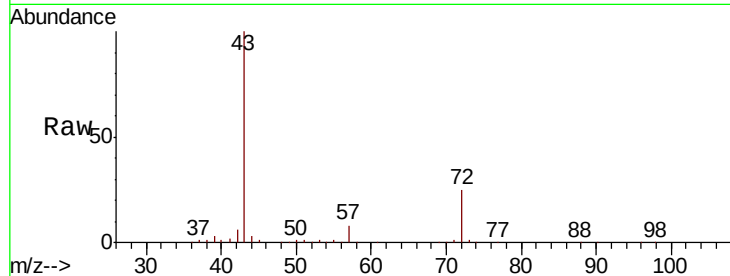
VX1001WBSD01

Tot Ion: 43 Resp: 269316

Ion Ratio Lower Upper

43 100

72 25.2 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

100000

80000

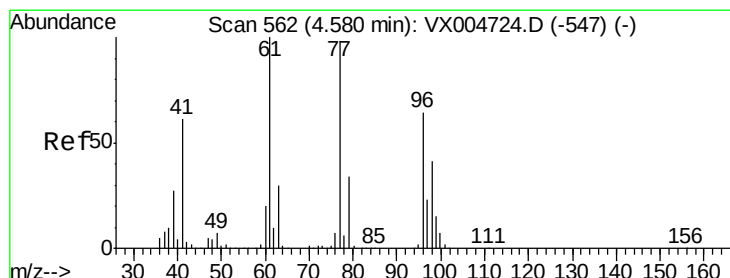
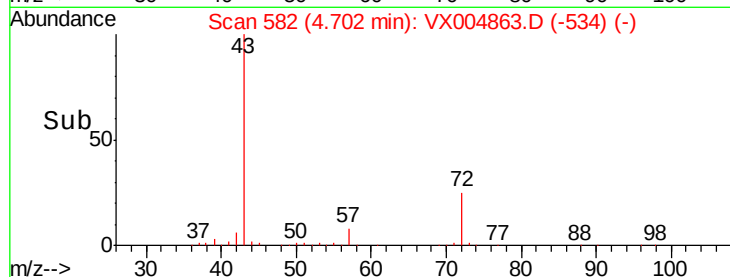
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 20.096 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004863.D

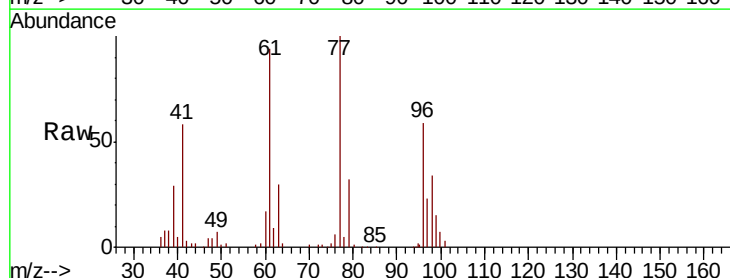
Acq: 01 Oct 2018 11:54

Tgt Ion: 77 Resp: 75012

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

25000

20000

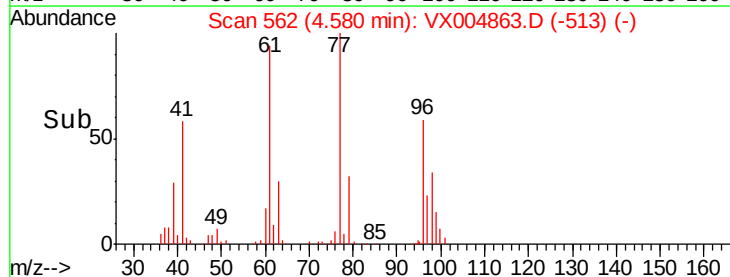
15000

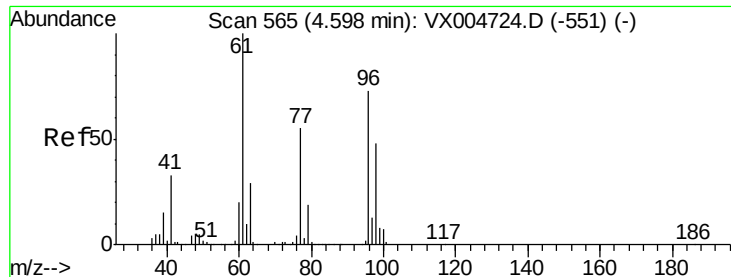
10000

5000

0

Time-->



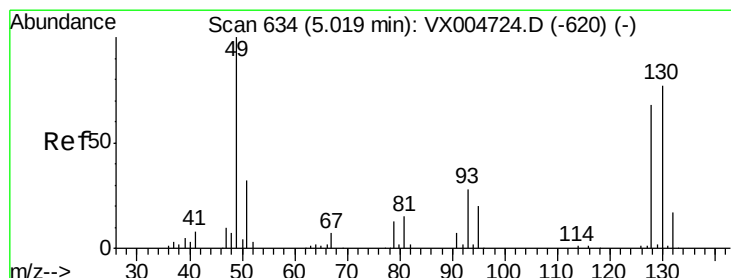
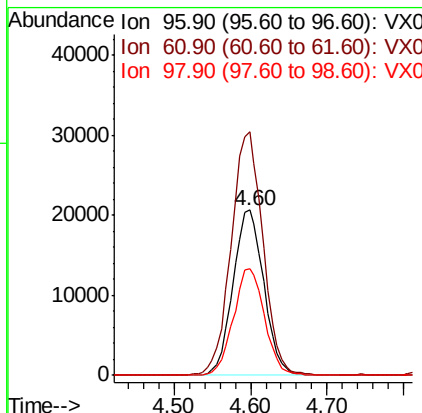
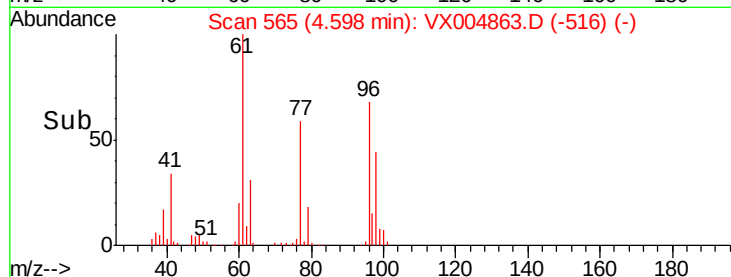
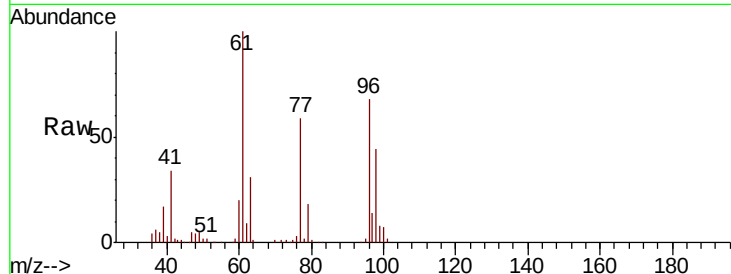


#27

cis-1,2-Dichloroethene
 Concen: 19.244 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBSD01

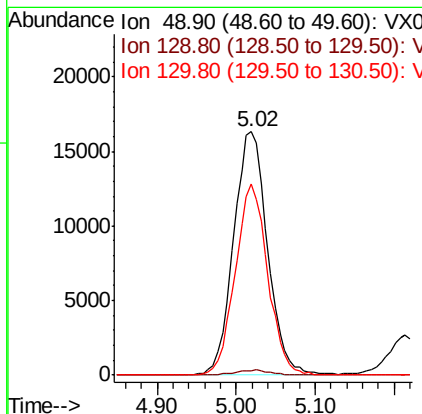
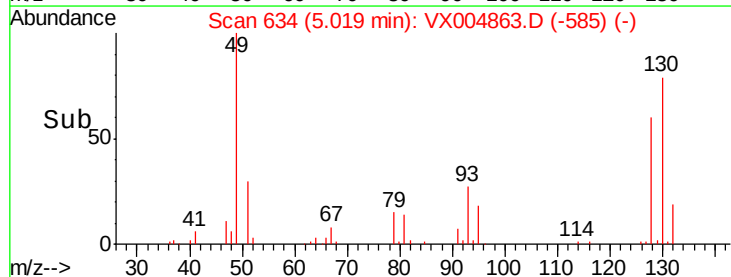
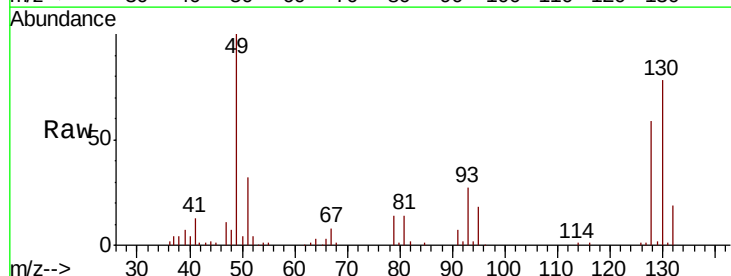
Tot Ion	Ratio	Lower	Upper
96	100		
61	152.0	0.0	282.6
98	65.4	0.0	130.2

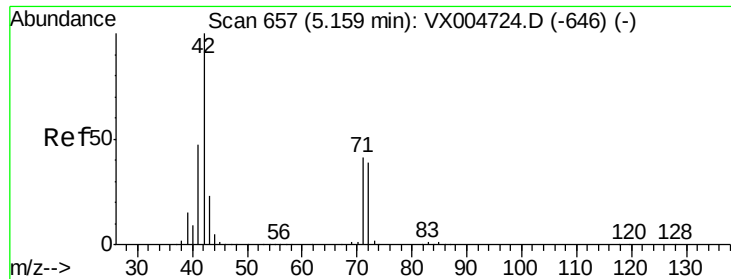


#28

Bromochloromethane
 Concen: 19.380 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	74.8	67.5	101.3

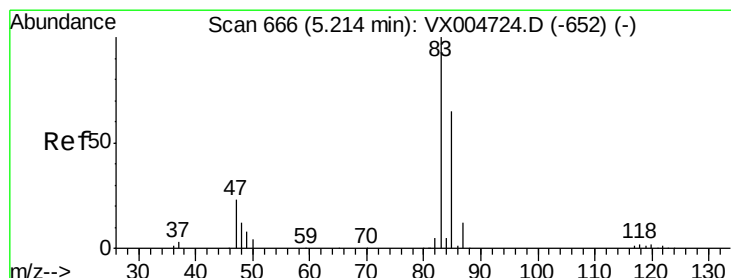
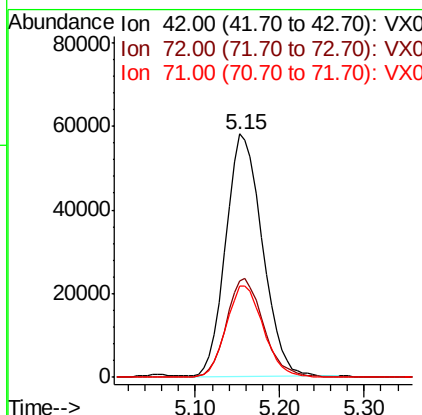
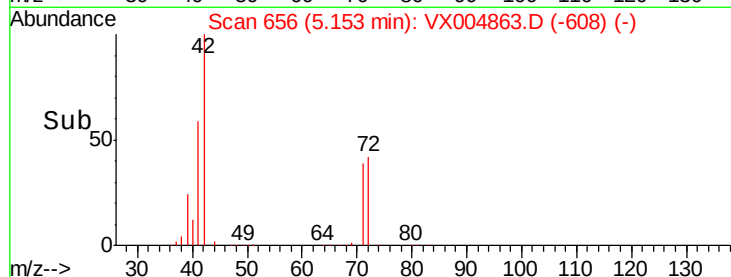
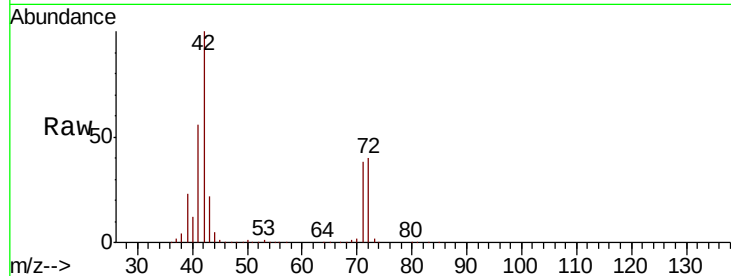




#29
Tetrahydrofuran
Concen: 99.324 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

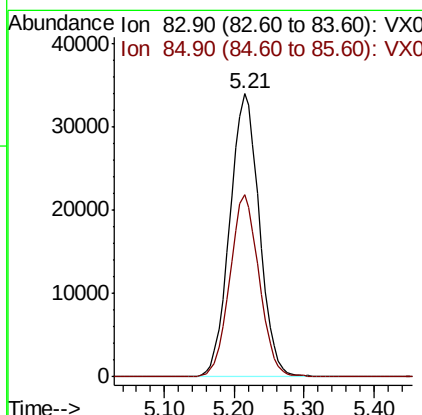
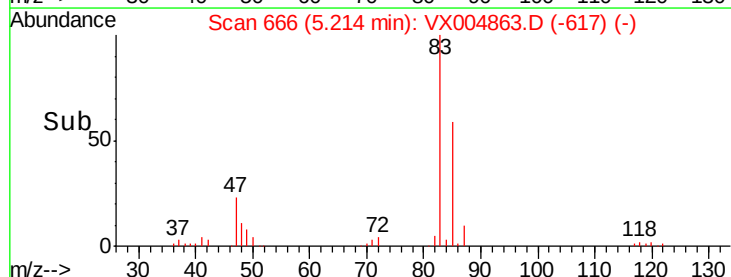
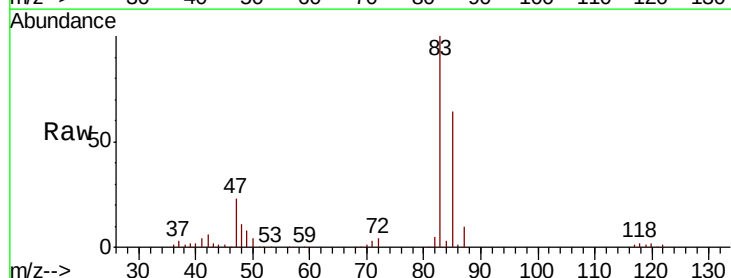
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBSD01

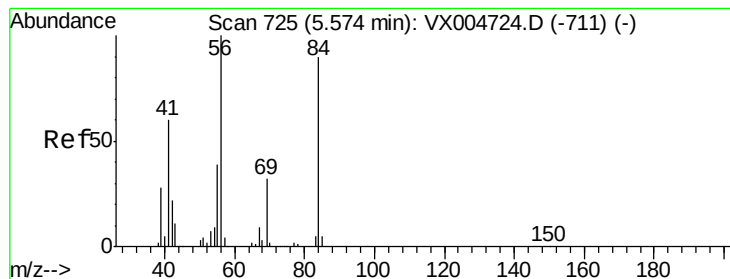
Tot Ion: 42 Resp: 171297
Ion Ratio Lower Upper
42 100
72 41.2 37.4 56.0
71 38.4 34.5 51.7



#30
Chloroform
Concen: 19.687 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tgt Ion: 83 Resp: 99736
Ion Ratio Lower Upper
83 100
85 64.3 52.6 79.0





#31

Cyclohexane

Concen: 19.720 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBSD01

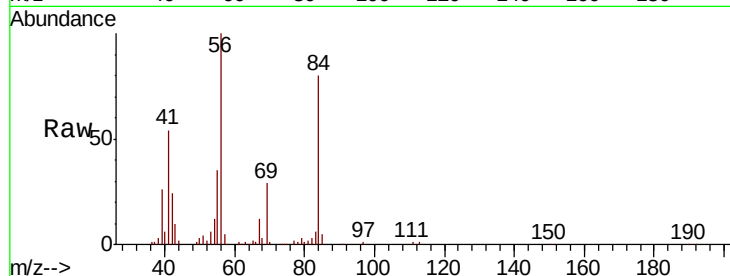
Tot Ion: 56 Resp: 80901

Ion Ratio Lower Upper

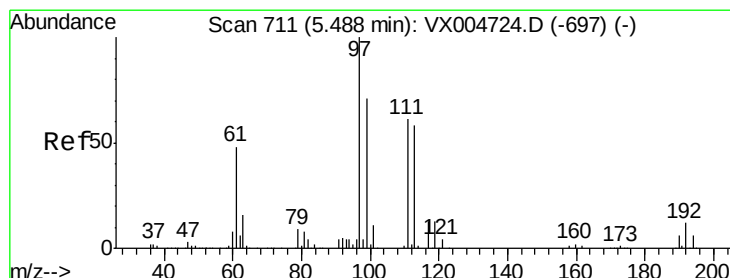
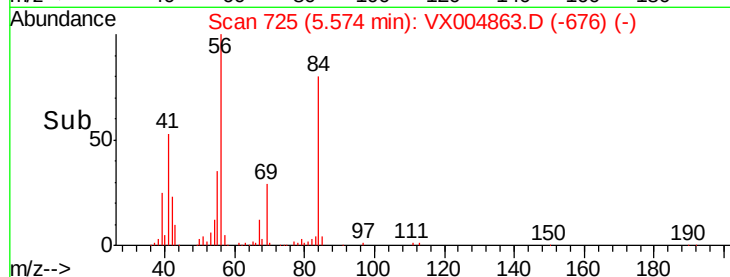
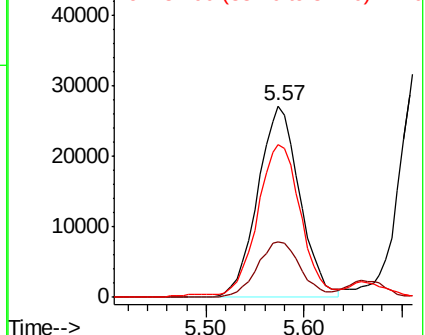
56 100

69 29.2 25.4 38.2

84 78.8 71.4 107.2



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



#32

1,1,1-Trichloroethane

Concen: 19.593 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

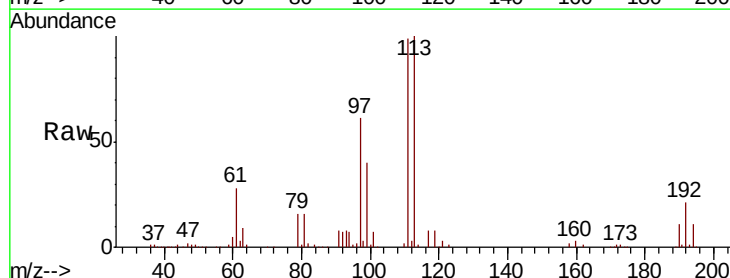
Tgt Ion: 97 Resp: 81062

Ion Ratio Lower Upper

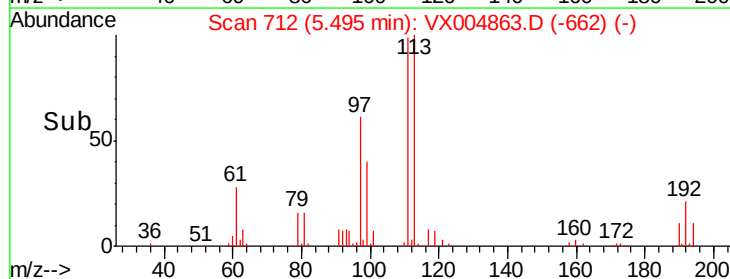
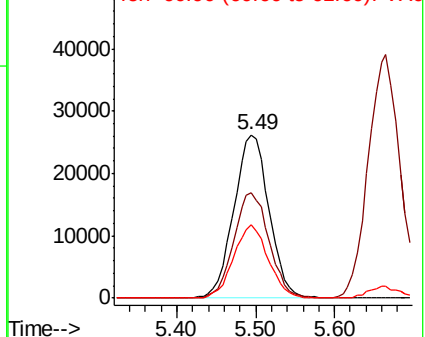
97 100

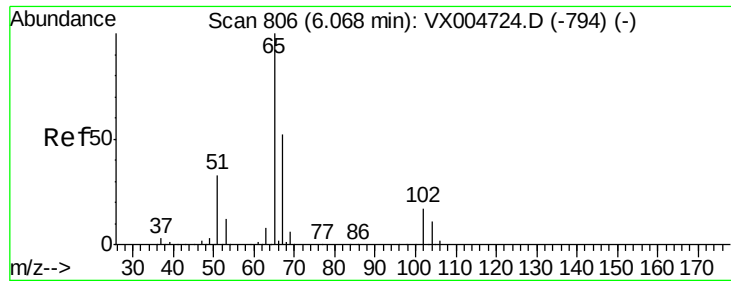
99 64.5 52.0 78.0

61 44.3 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

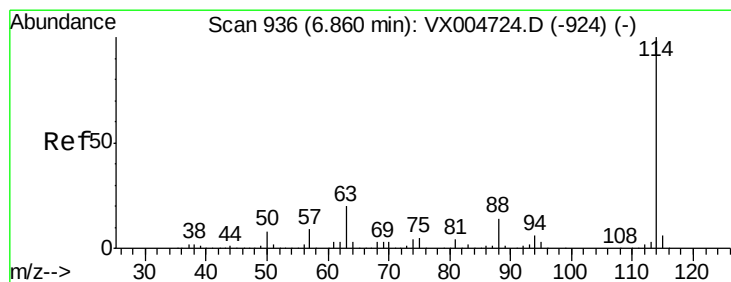
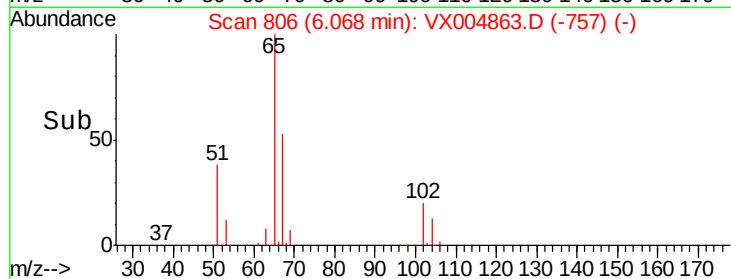
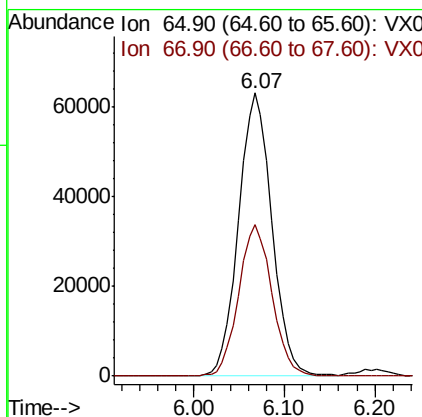
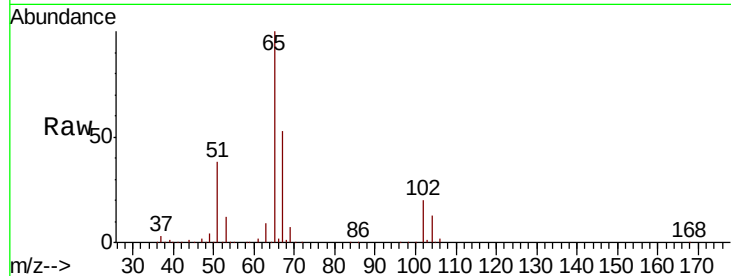




#33
 1,2-Dichloroethane-d4
 Concen: 50.044 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

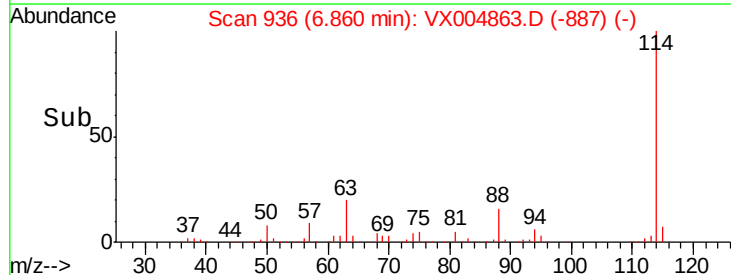
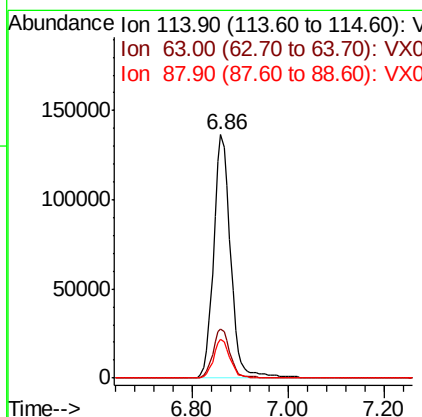
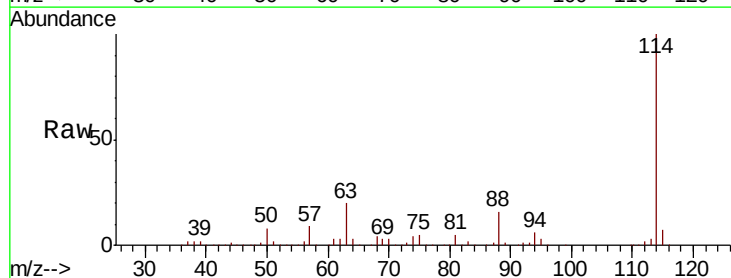
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBSD01

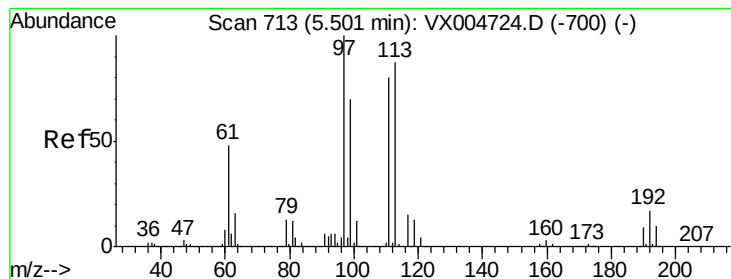
Tot Ion: 65 Resp: 161361
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Tgt Ion: 114 Resp: 336861
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 16.1 0.0 30.4





#35

Dibromofluoromethane

Concen: 45.056 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBSD01

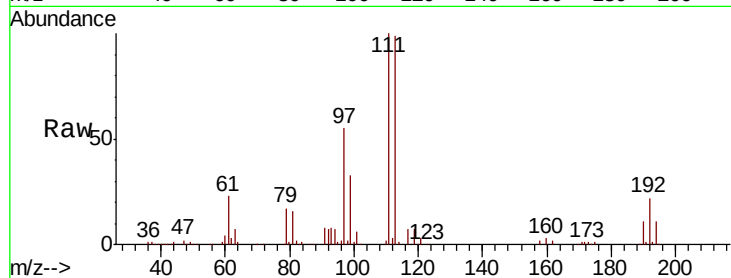
Tot Ion:113 Resp: 128633

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

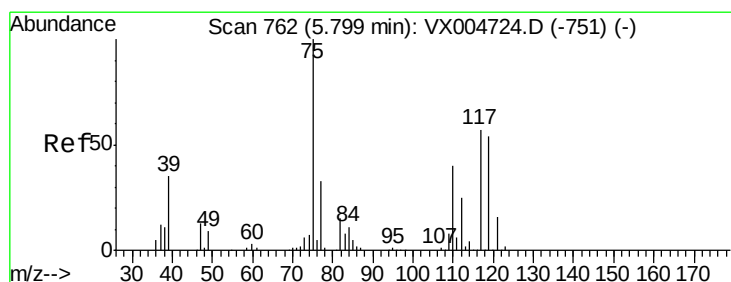
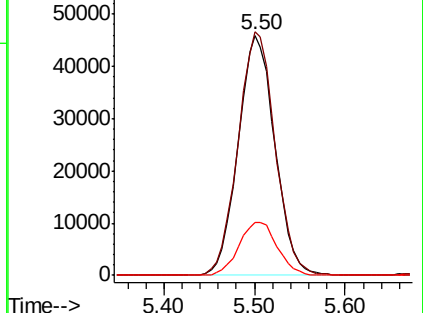
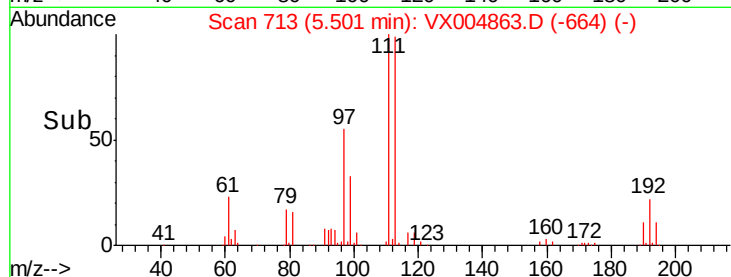
192 22.9 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.582 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

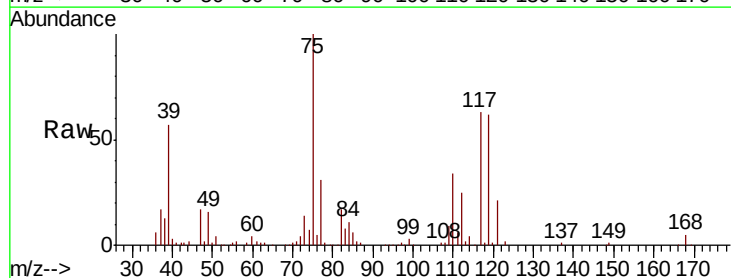
Tgt Ion: 75 Resp: 68484

Ion Ratio Lower Upper

75 100

110 35.7 18.0 54.0

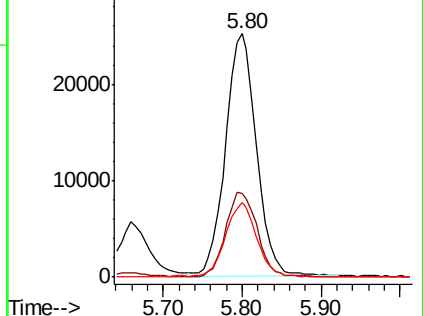
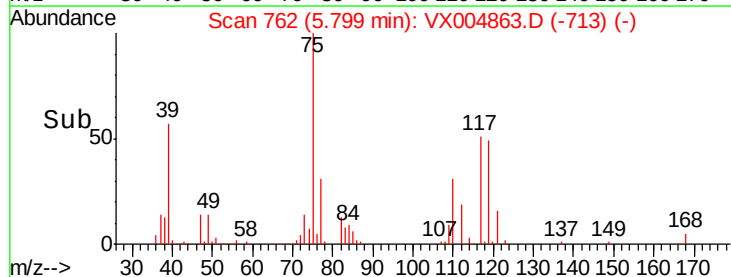
77 30.3 24.6 36.8

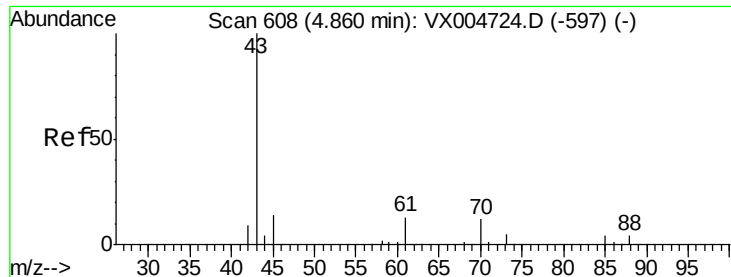


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 18.668 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBSD01

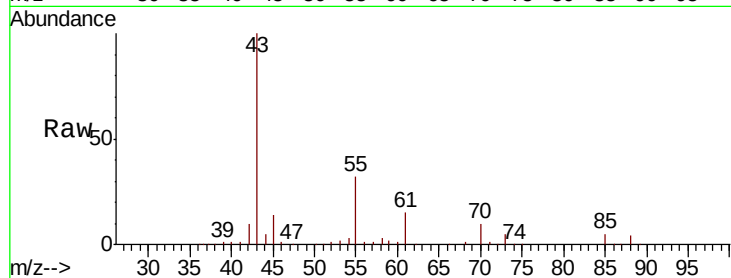
Tot Ion: 43 Resp: 96521

Ion Ratio Lower Upper

43 100

61 13.9 11.5 17.3

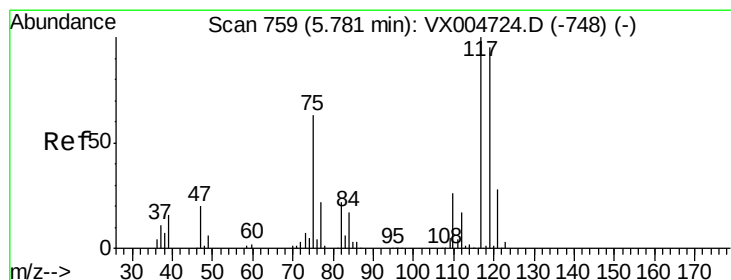
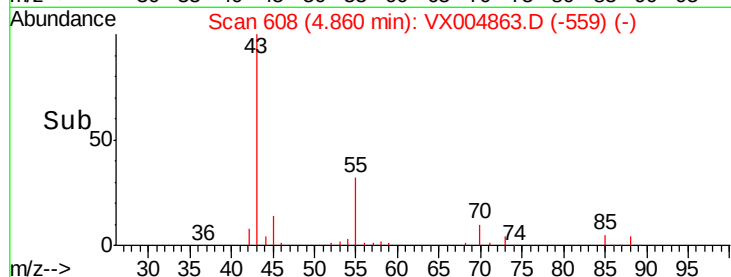
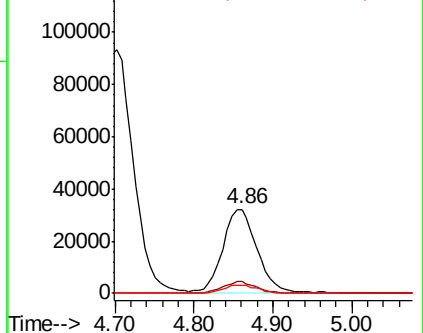
70 10.1 9.0 13.6



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: 16.921 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

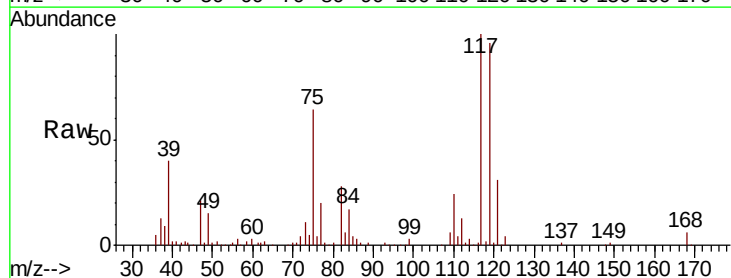
Tgt Ion: 117 Resp: 69283

Ion Ratio Lower Upper

117 100

119 96.2 78.8 118.2

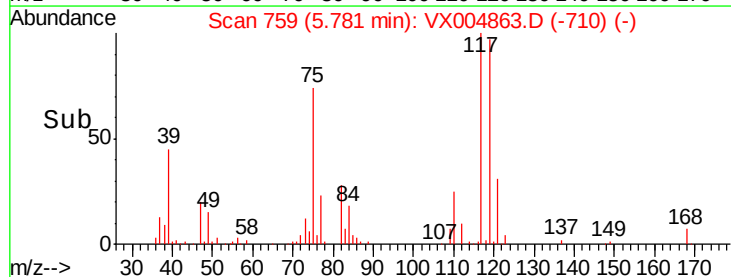
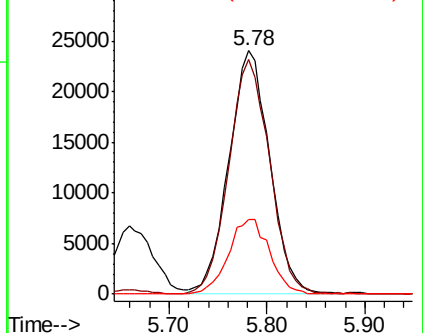
121 30.8 24.9 37.3

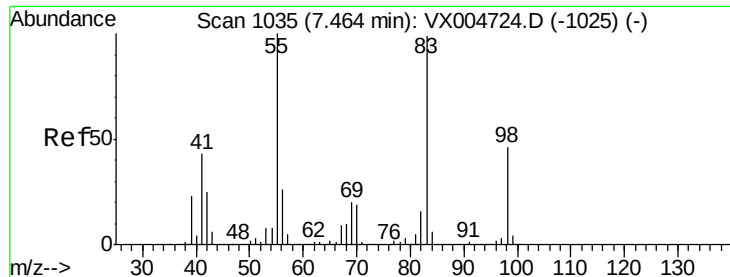


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

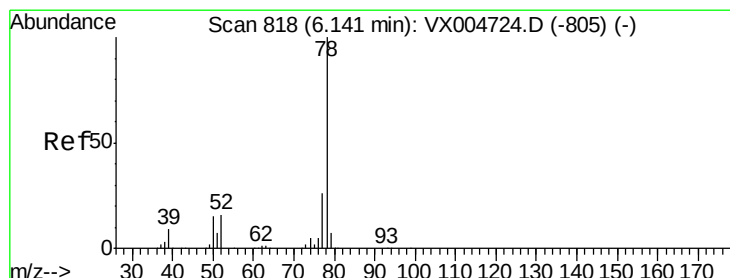
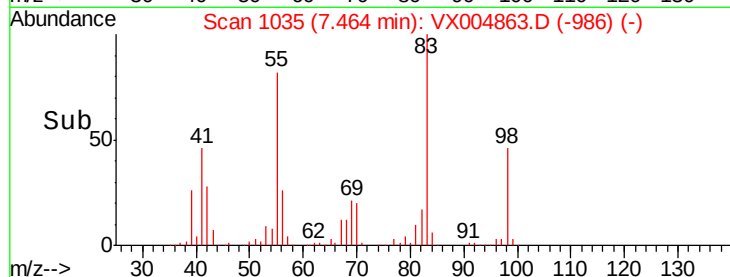
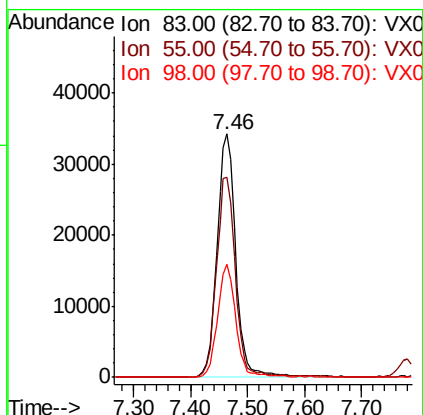
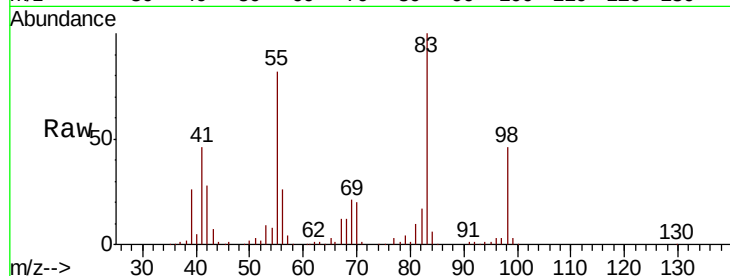




#39
Methylvlcyclohexane
Concen: 19.687 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

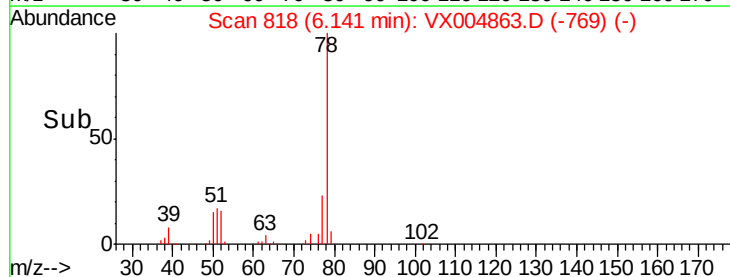
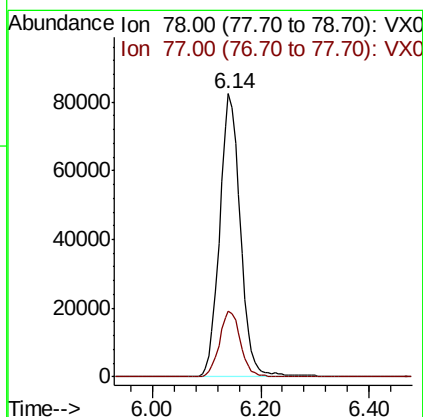
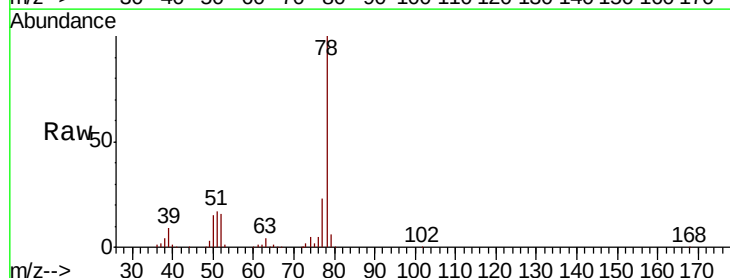
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBSD01

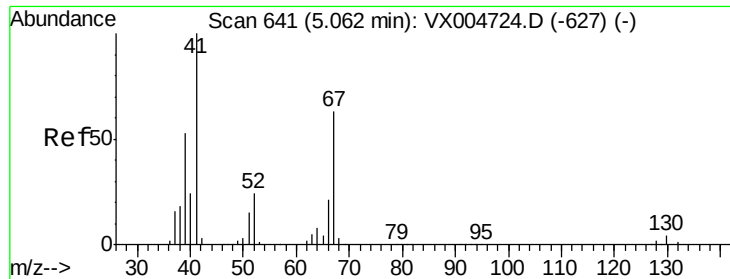
Tot Ion: 83 Resp: 78304
Ion Ratio Lower Upper
83 100
55 82.4 61.0 91.4
98 46.4 39.6 59.4



#40
Benzene
Concen: 17.951 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tgt Ion: 78 Resp: 218909
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4

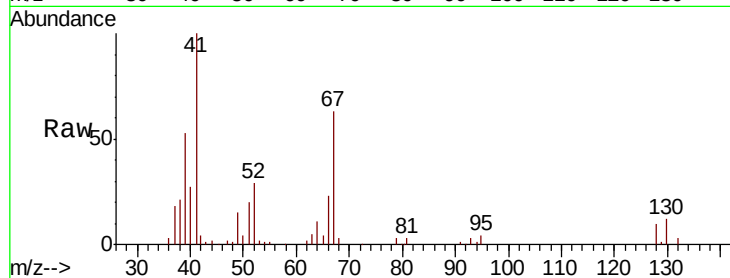




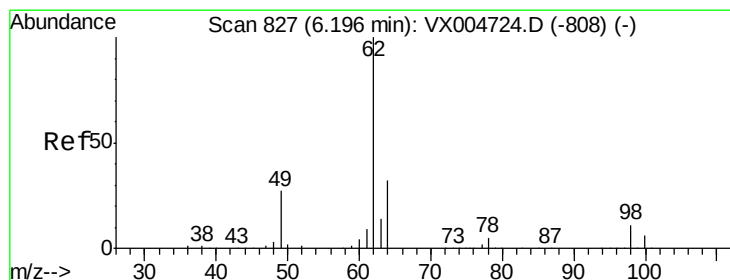
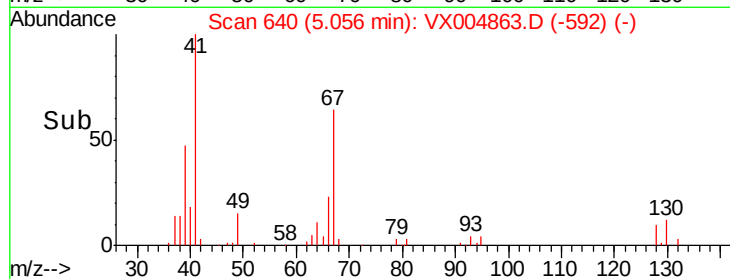
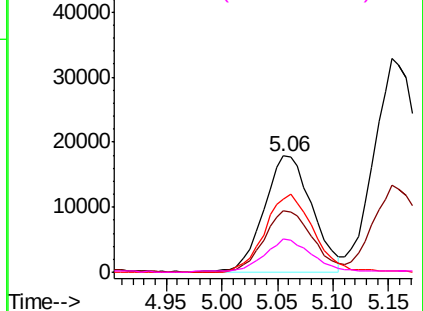
#41
Methacrylonitrile
Concen: 18.482 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBSD01

Tot Ion:	41	Resp:	52996
Ion	Ratio	Lower	Upper
41	100		
39	54.5	42.4	63.6
67	68.3	59.2	88.8
52	27.1	23.0	34.4

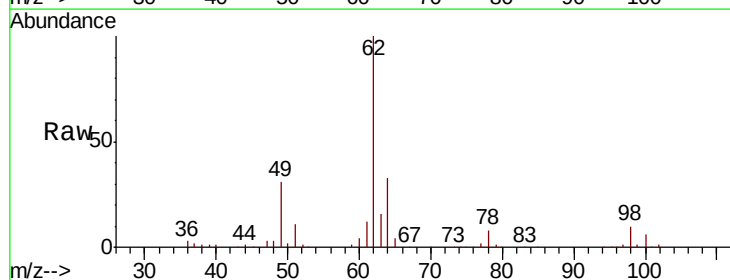


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

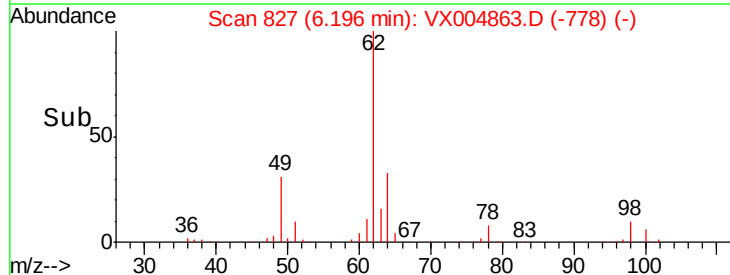
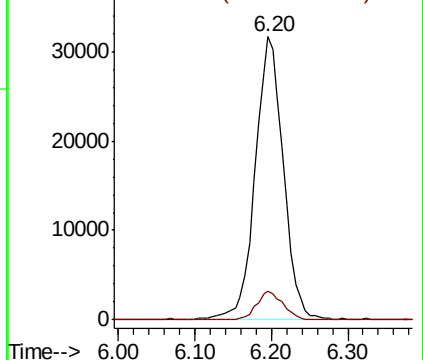


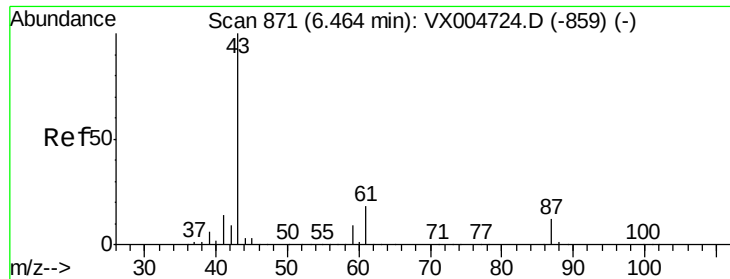
#42
1,2-Dichloroethane
Concen: 18.884 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tgt Ion:	62	Resp:	81408
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.773 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBSD01

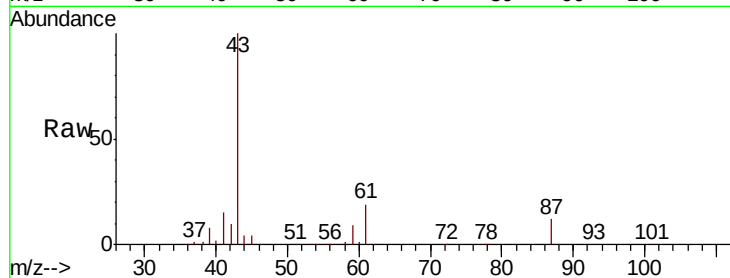
Tot Ion: 43 Resp: 140101

Ion Ratio Lower Upper

43 100

61 19.7 17.0 25.4

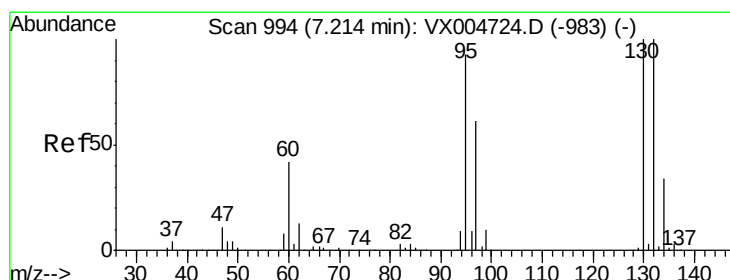
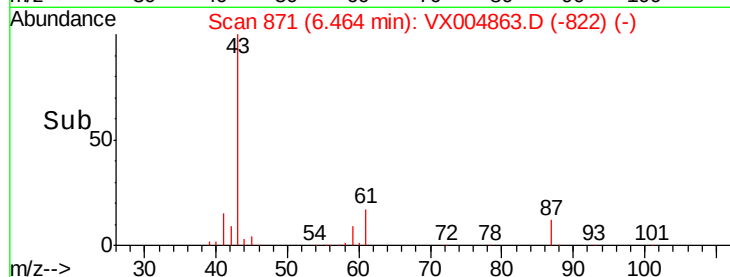
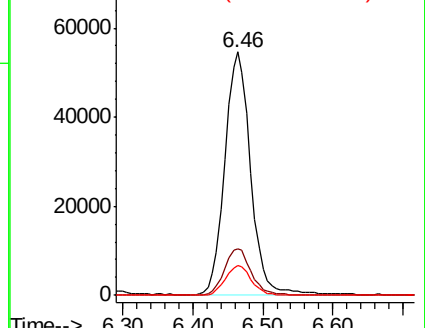
87 12.2 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.181 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004863.D

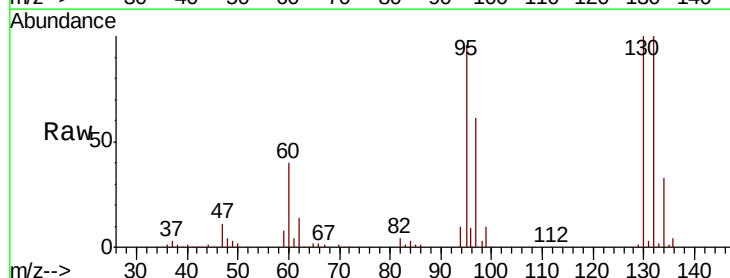
Acq: 01 Oct 2018 11:54

Tgt Ion:130 Resp: 57500

Ion Ratio Lower Upper

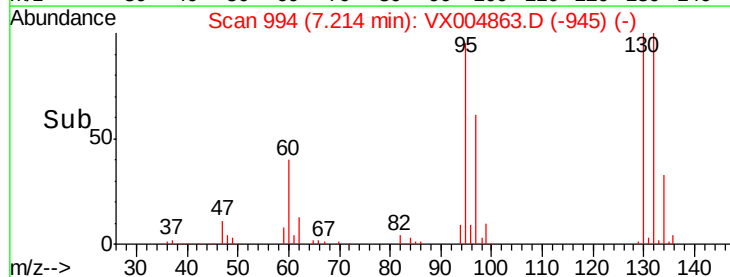
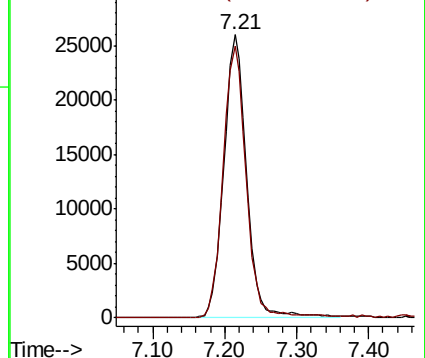
130 100

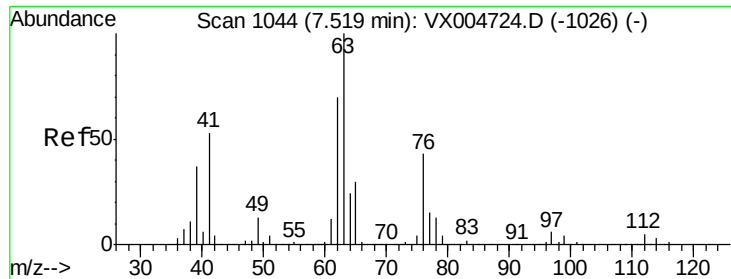
95 96.1 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

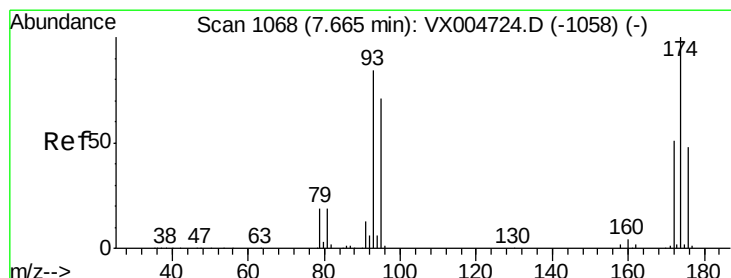
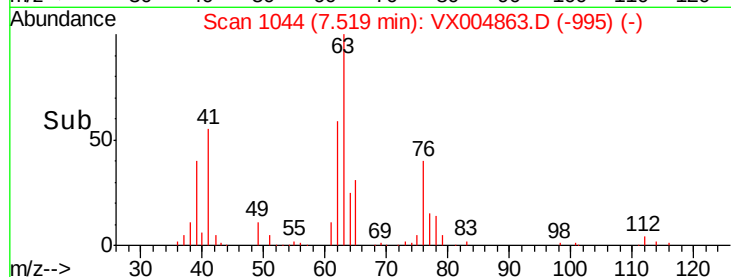
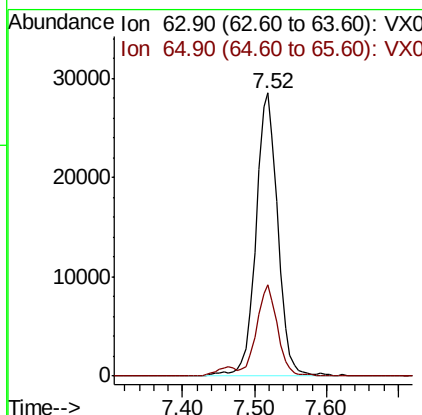
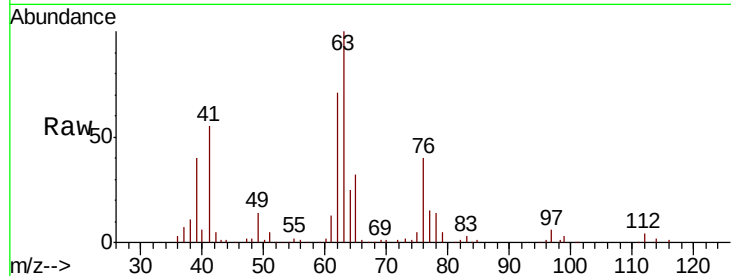




#45
 1,2-Dichloropropane
 Concen: 20.212 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

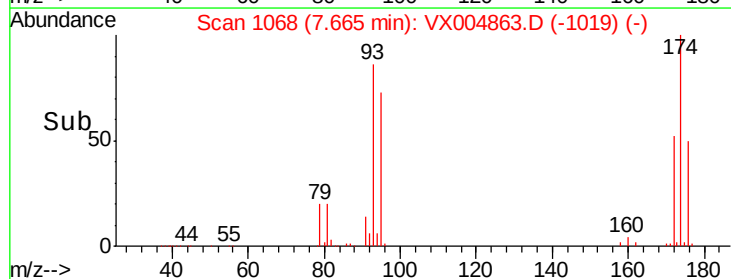
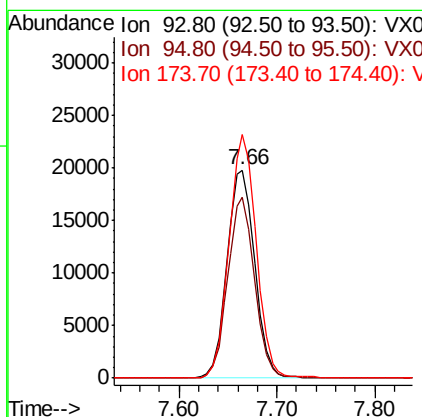
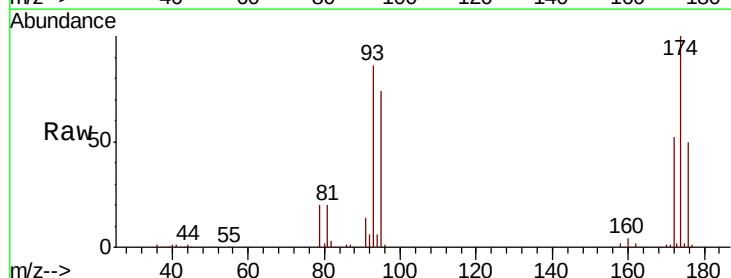
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBSD01

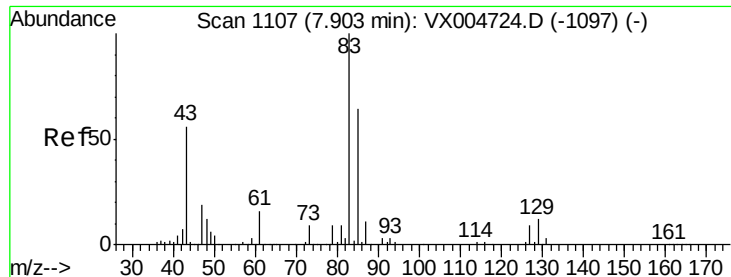
Tot Ion: 63 Resp: 60444
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.3 36.5



#46
 Dibromomethane
 Concen: 20.692 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Tgt Ion: 93 Resp: 38889
 Ion Ratio Lower Upper
 93 100
 95 84.1 65.5 98.3
 174 114.8 94.2 141.4





#47

Bromodichloromethane

Concen: 20.691 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBSD01

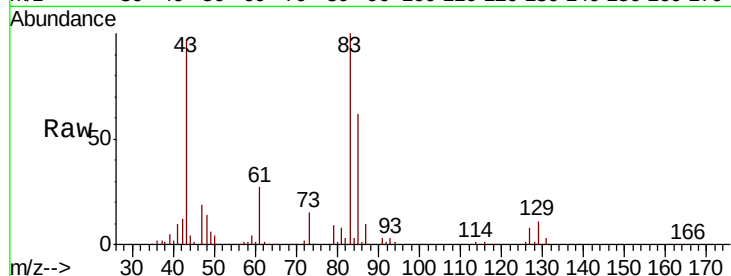
Tot Ion: 83 Resp: 72807

Ion Ratio Lower Upper

83 100

85 61.9 50.9 76.3

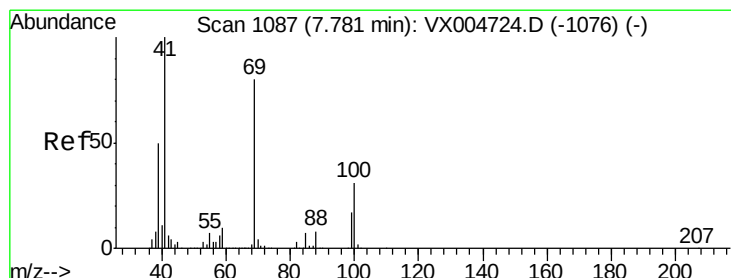
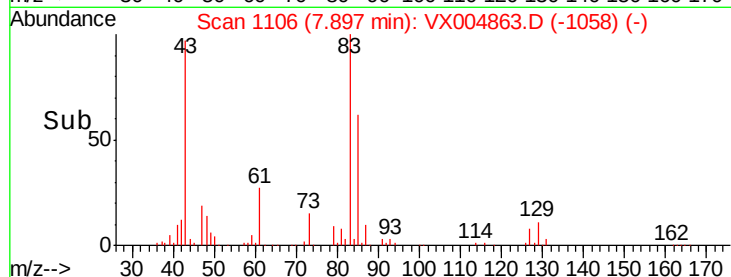
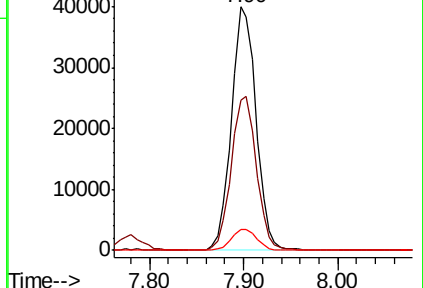
127 8.4 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.724 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

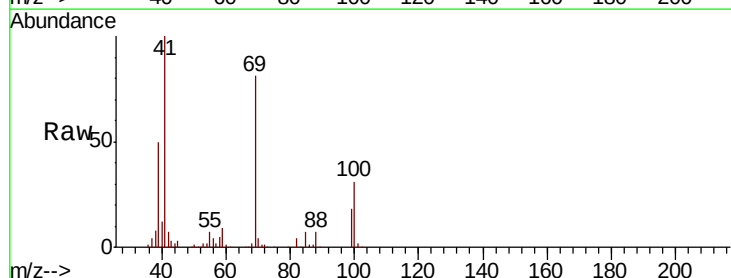
Tgt Ion: 41 Resp: 73584

Ion Ratio Lower Upper

41 100

69 79.4 70.2 105.4

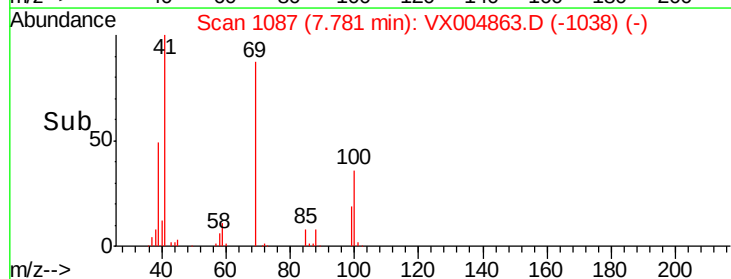
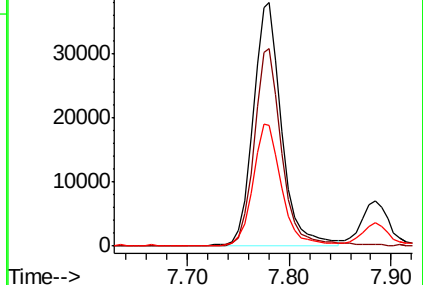
39 49.8 42.7 64.1

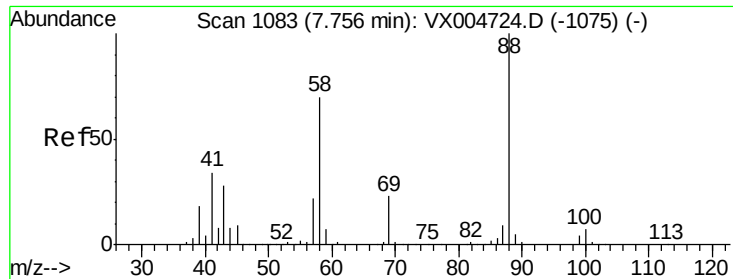


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

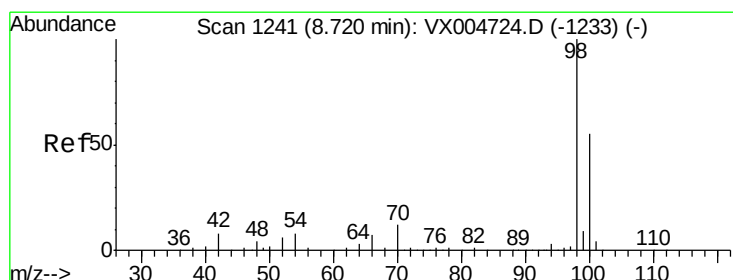
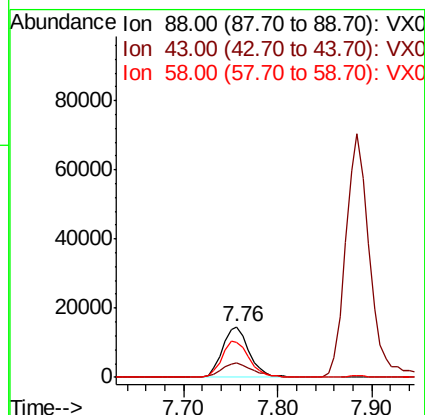
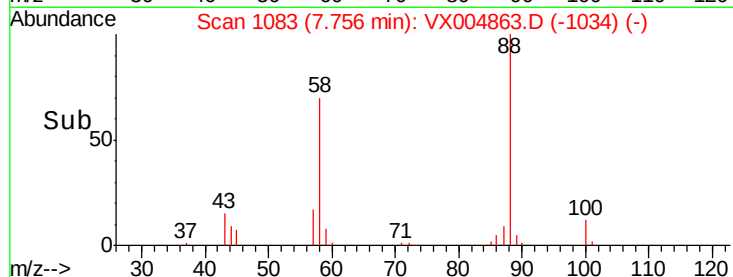
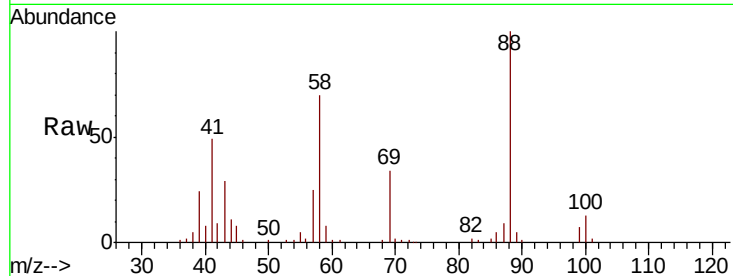




#49
1,4-Dioxane
Concen: 342.793 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

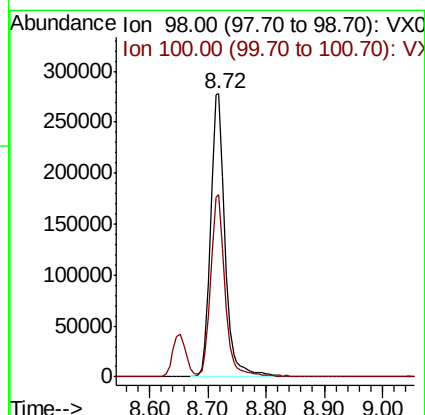
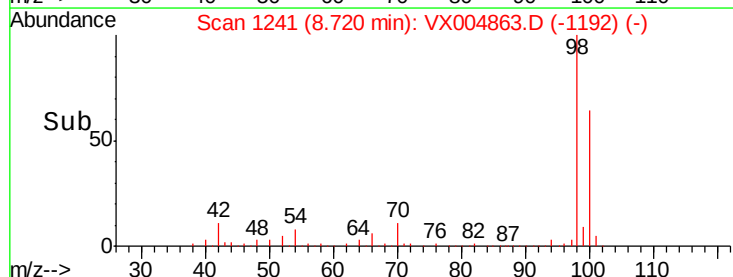
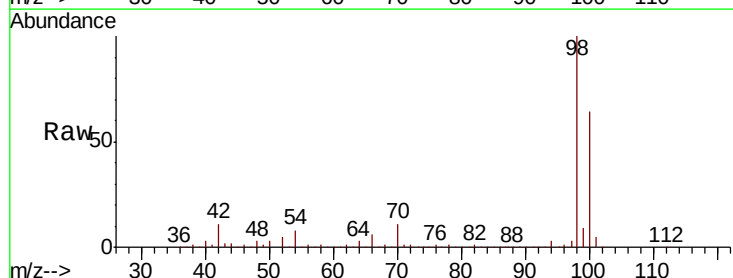
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBSD01

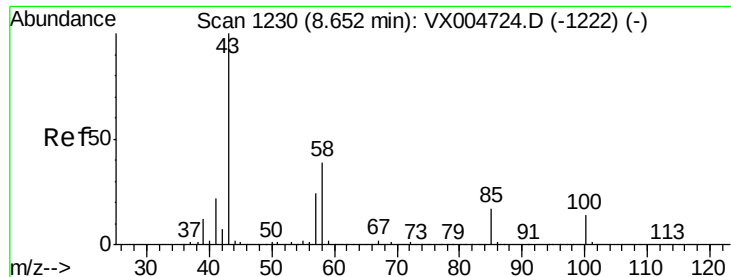
Tot Ion: 88 Resp: 28847
Ion Ratio Lower Upper
88 100
43 33.9 24.7 37.1
58 73.5 55.3 82.9



#50
Toluene-d8
Concen: 50.815 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tgt Ion: 98 Resp: 482294
Ion Ratio Lower Upper
98 100
100 64.3 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 107.225 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

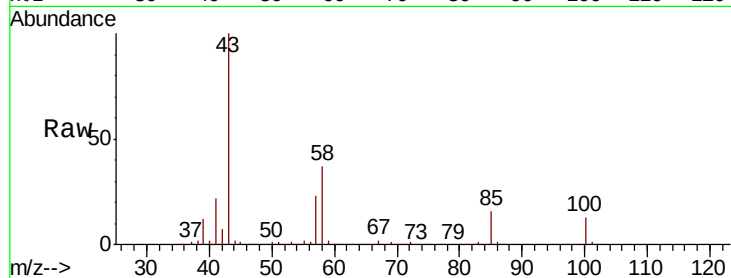
VX1001WBSD01

Tot Ion: 43 Resp: 503846

Ion Ratio Lower Upper

43 100

58 36.7 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

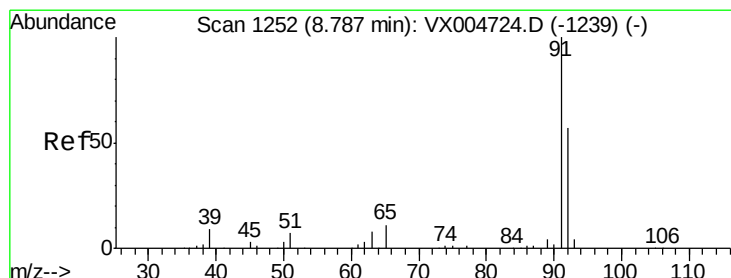
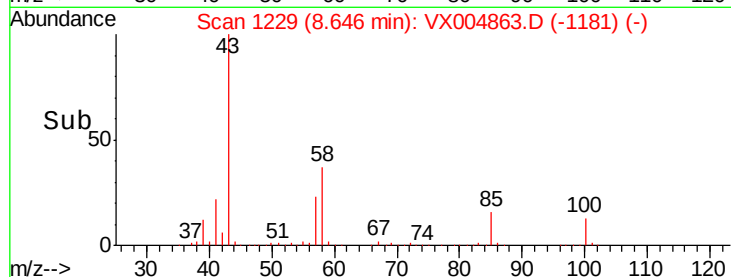
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.346 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004863.D

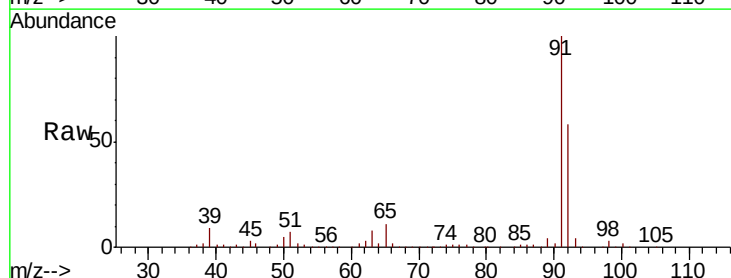
Acq: 01 Oct 2018 11:54

Tgt Ion: 92 Resp: 136333

Ion Ratio Lower Upper

92 100

91 174.7 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

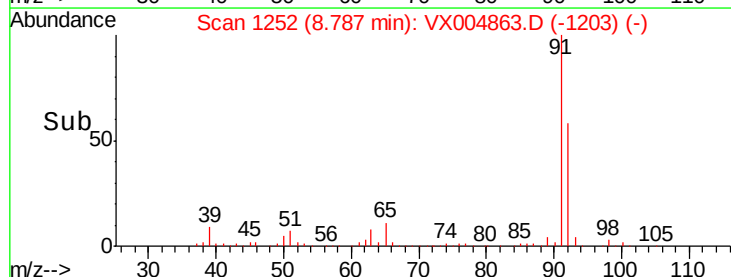
150000

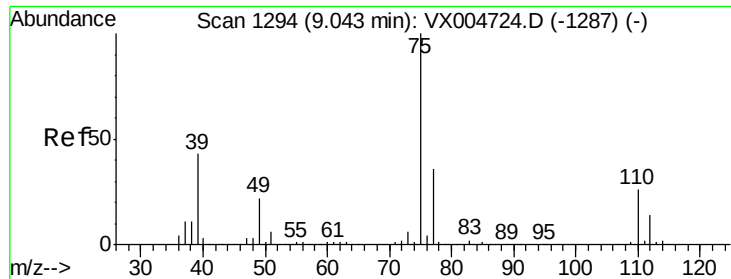
100000

50000

0

Time-->

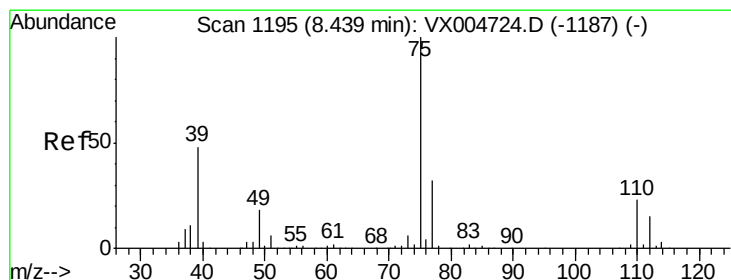
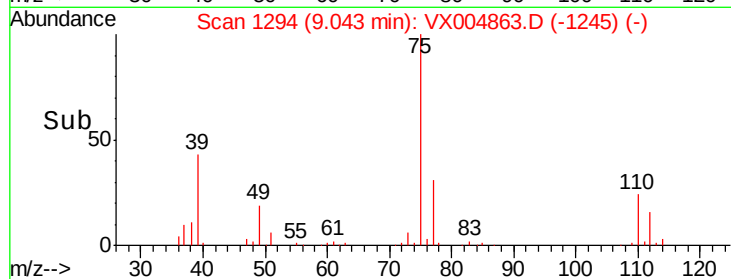
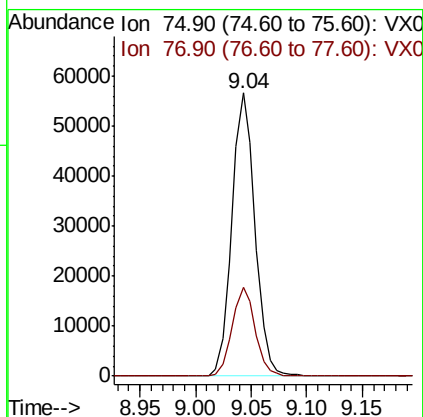
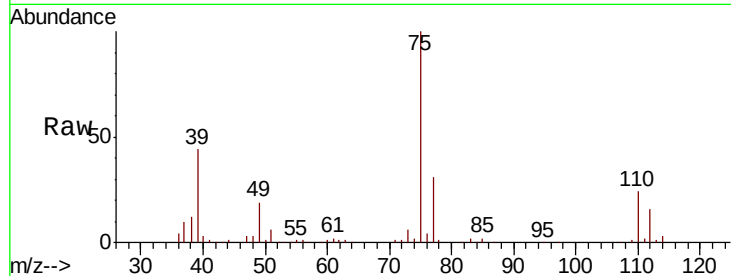




#53
 t-1,3-Dichloropropene
 Concen: 20.466 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

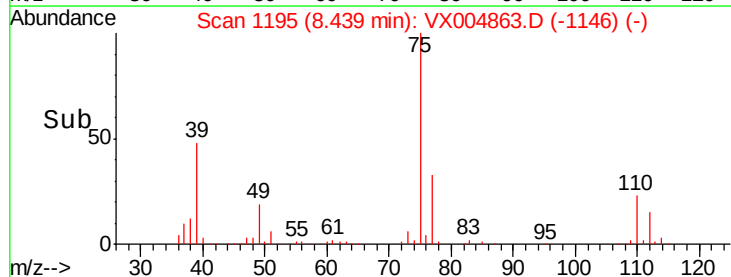
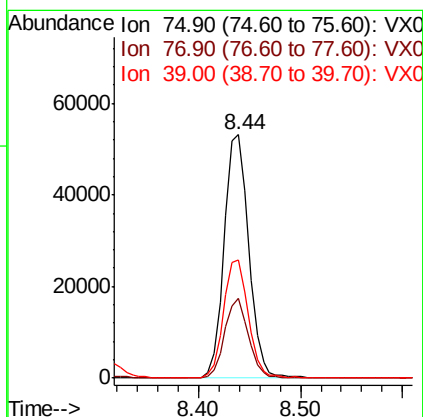
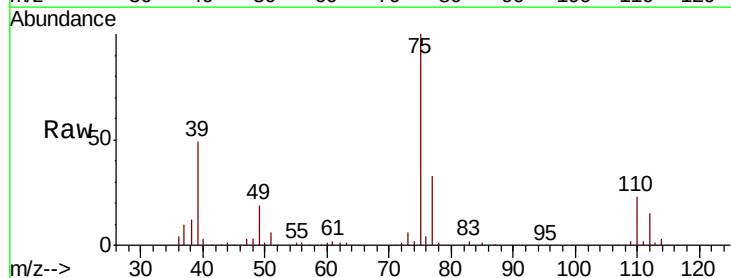
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBSD01

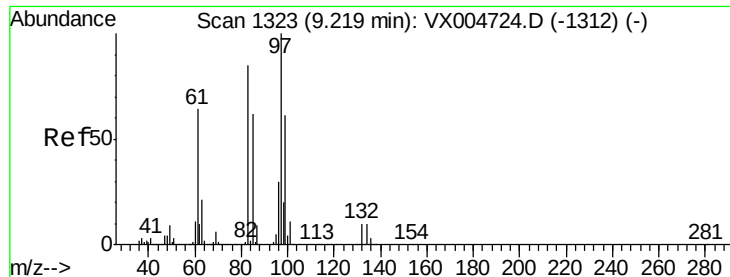
Tot Ion: 75 Resp: 81380
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.324 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Tgt Ion: 75 Resp: 88813
 Ion Ratio Lower Upper
 75 100
 77 32.5 26.2 39.2
 39 48.3 36.4 54.6

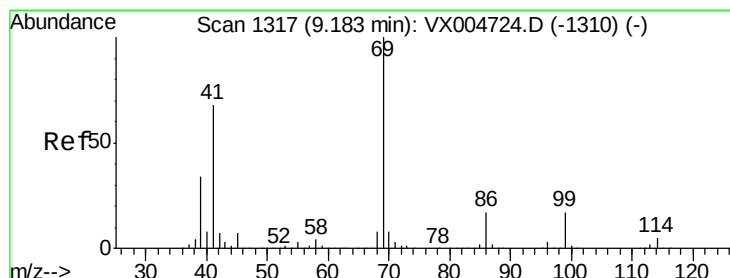
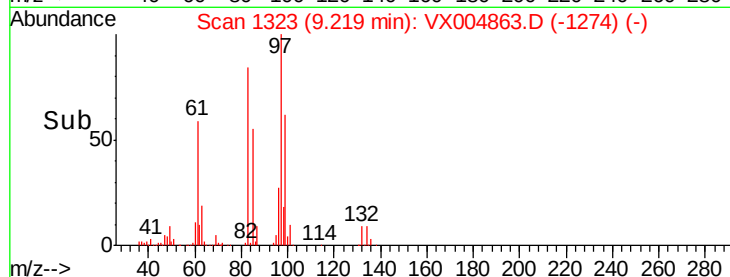
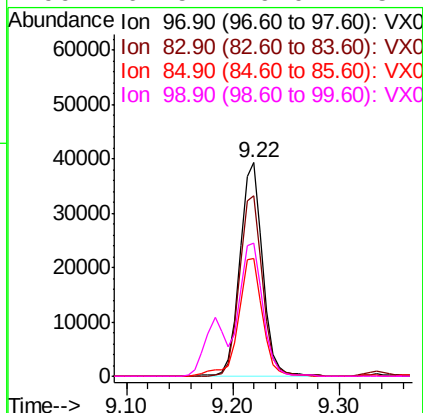
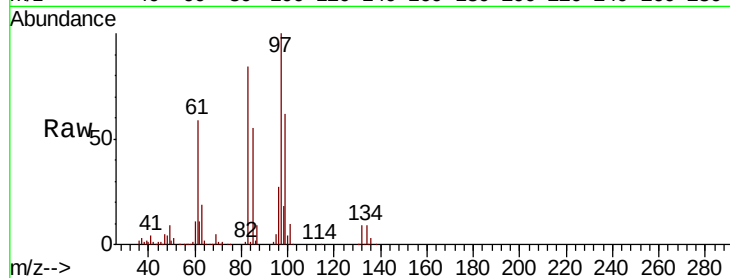




#55
 1,1,2-Trichloroethane
 Concen: 20.108 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

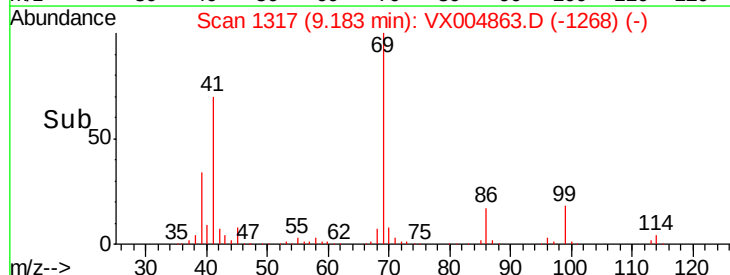
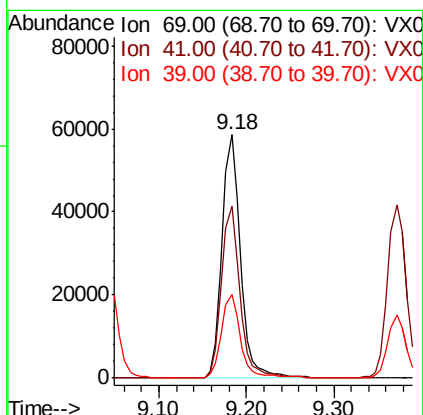
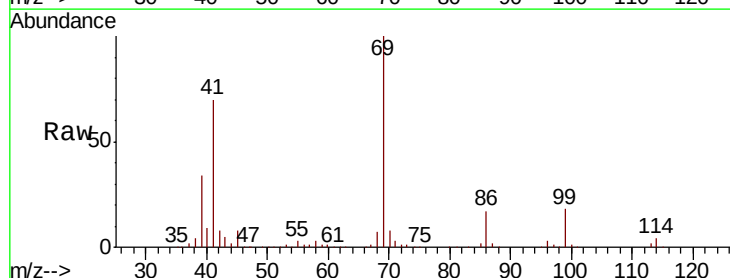
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBSD01

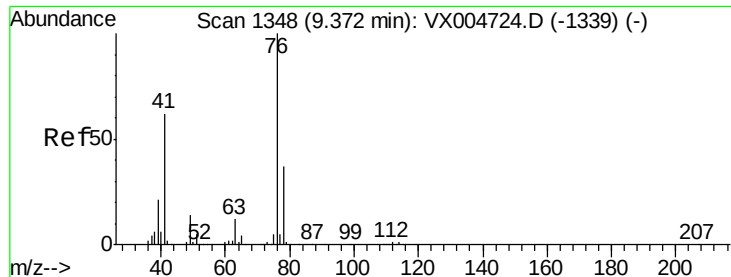
Tot Ion:	97	Resp:	59021
Ion	Ratio	Lower	Upper
97	100		
83	84.5	66.4	99.6
85	55.0	43.3	64.9
99	62.5	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 19.858 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Tgt Ion:	69	Resp:	85864
Ion	Ratio	Lower	Upper
69	100		
41	70.5	51.0	76.4
39	34.8	26.1	39.1

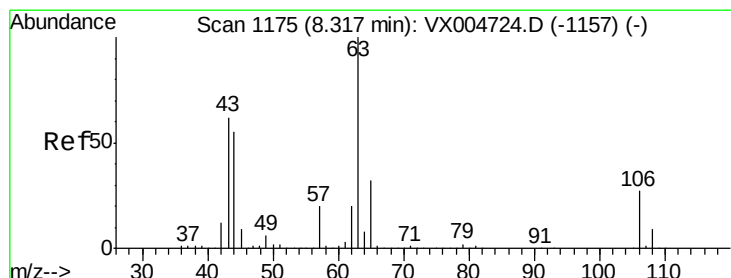
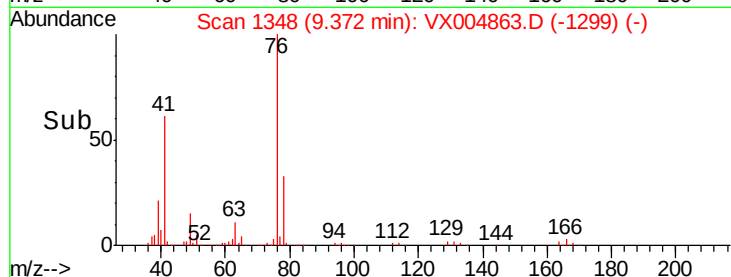
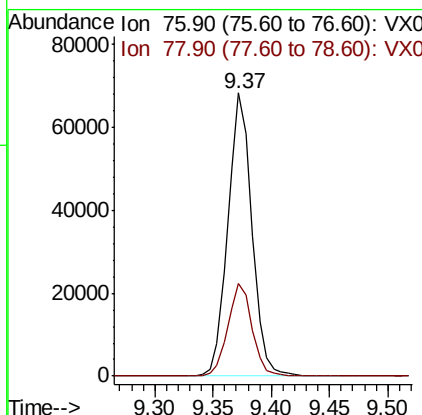
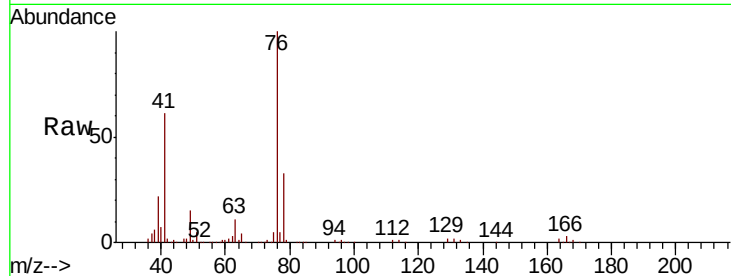




#57
 1,3-Dichloropropane
 Concen: 20.113 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

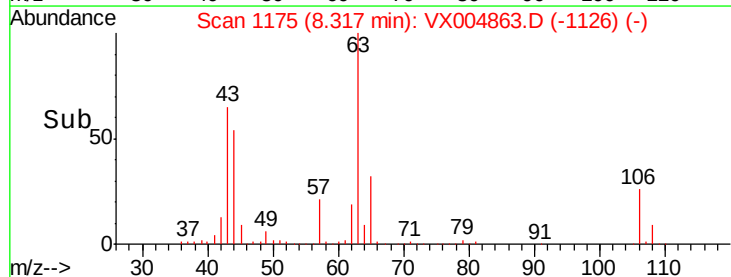
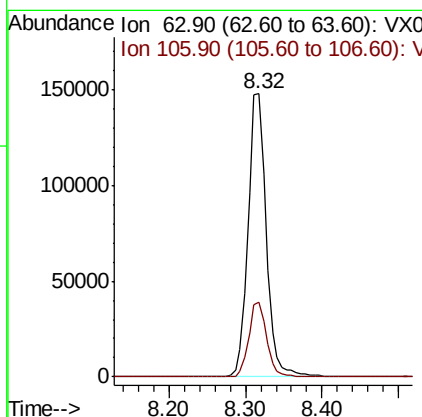
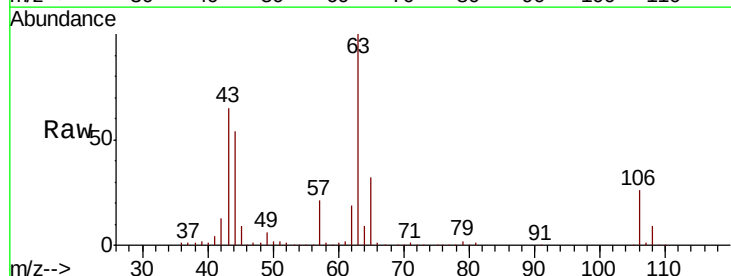
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBSD01

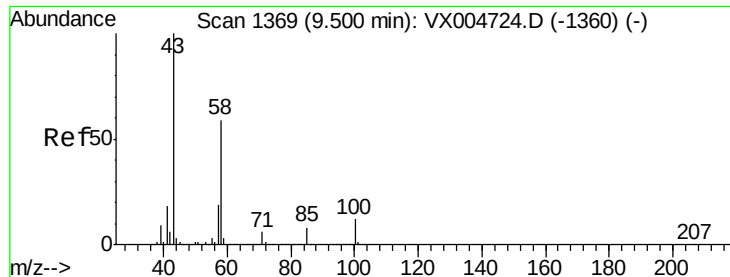
Tot Ion: 76 Resp: 98254
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.685 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Tgt Ion: 63 Resp: 245235
 Ion Ratio Lower Upper
 63 100
 106 26.2 23.9 35.9

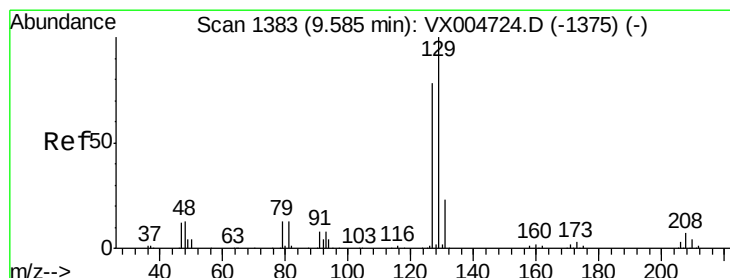
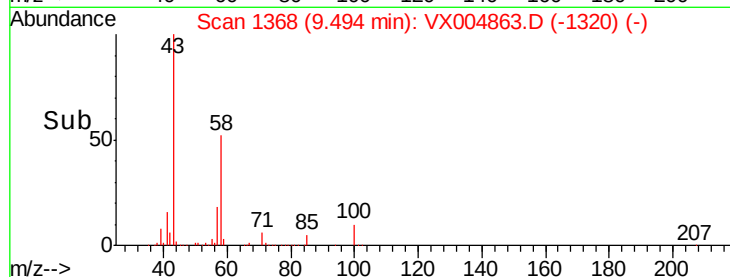
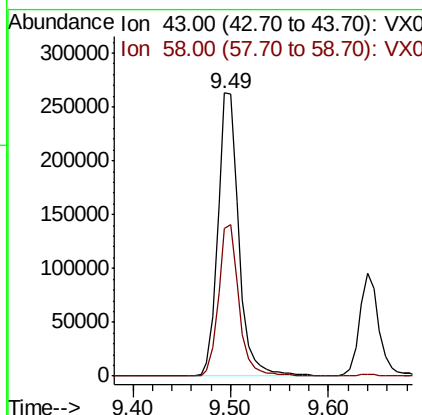
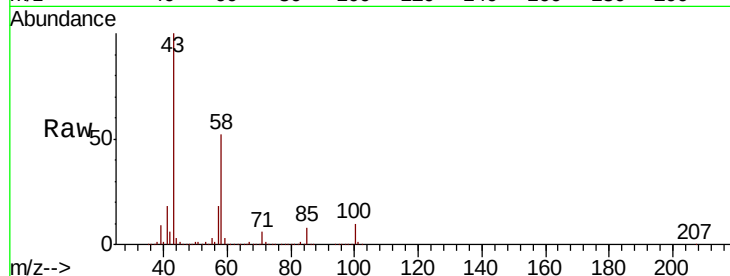




#59
2-Hexanone
Concen: 99.432 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

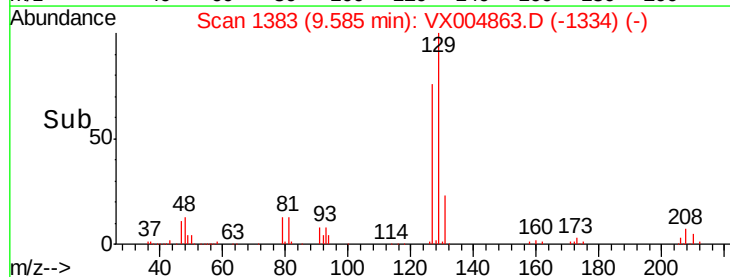
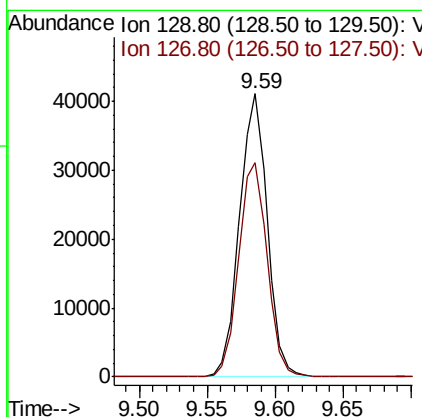
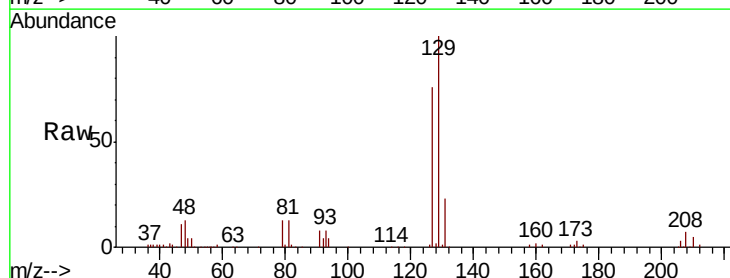
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBSD01

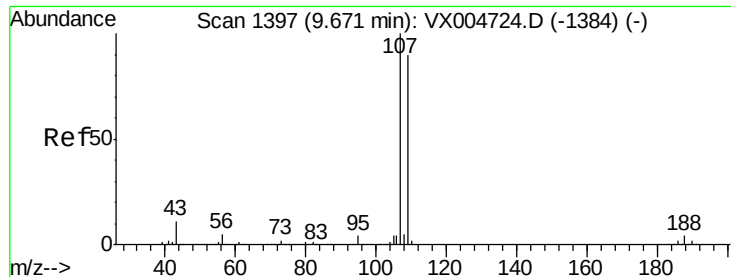
Tot Ion: 43 Resp: 389347
Ion Ratio Lower Upper
43 100
58 52.5 29.0 87.0



#60
Dibromochloromethane
Concen: 19.920 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tgt Ion: 129 Resp: 58474
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.571 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

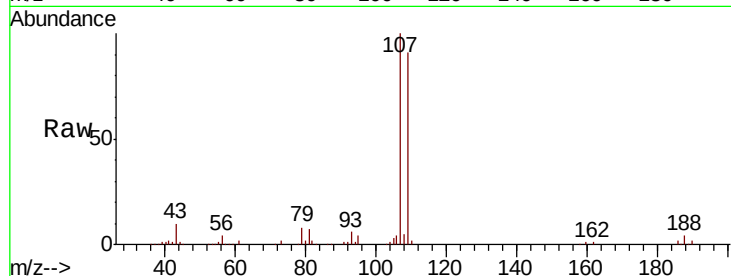
VX1001WBSD01

Tot Ion:107 Resp: 61521

Ion Ratio Lower Upper

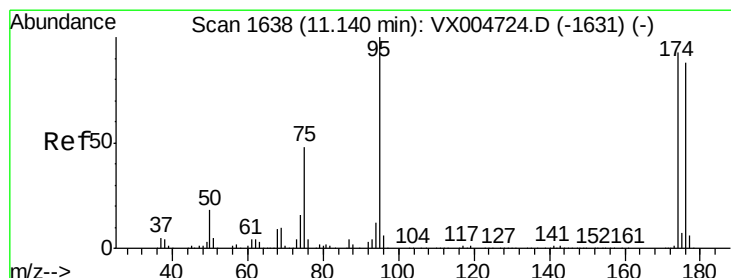
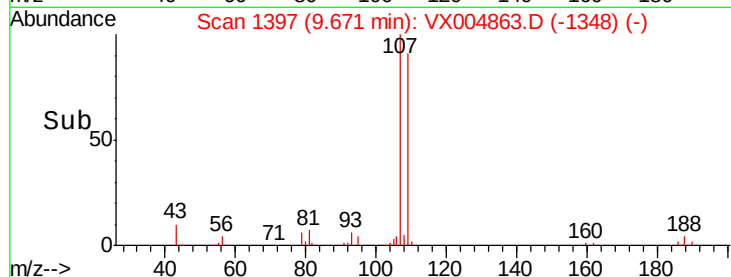
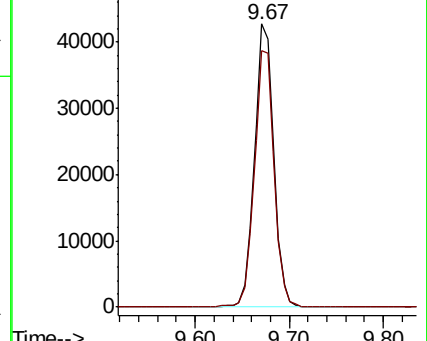
107 100

109 93.1 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.910 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

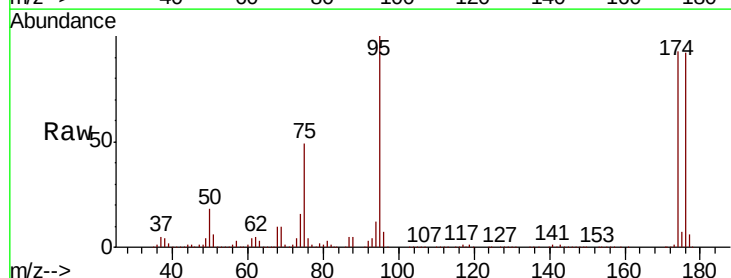
Tgt Ion: 95 Resp: 177493

Ion Ratio Lower Upper

95 100

174 90.6 0.0 185.2

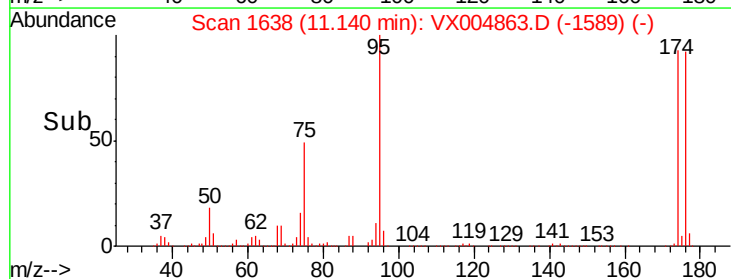
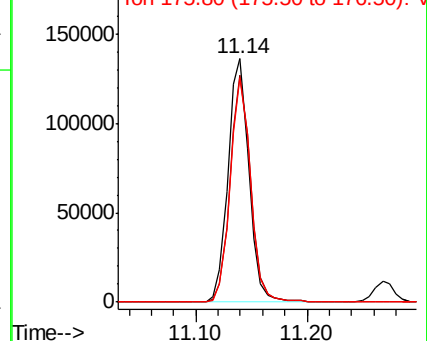
176 89.3 0.0 178.6

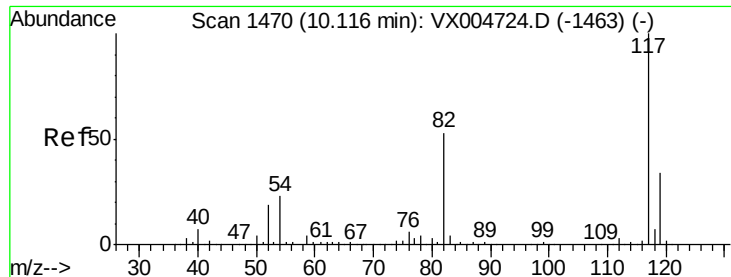


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

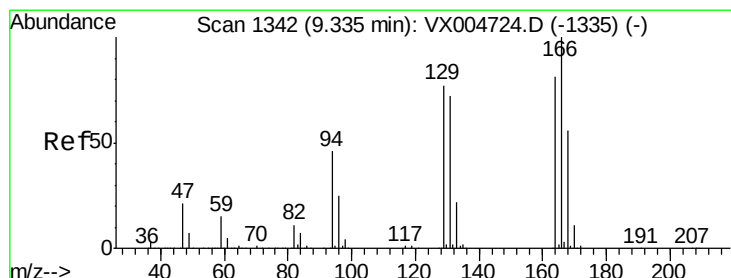
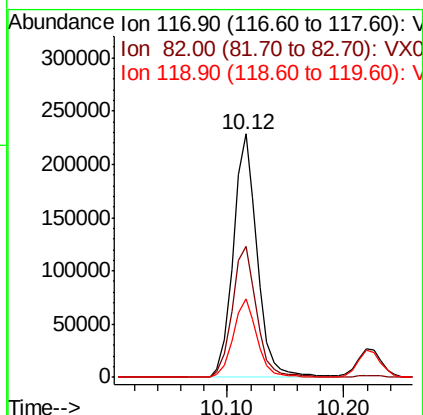
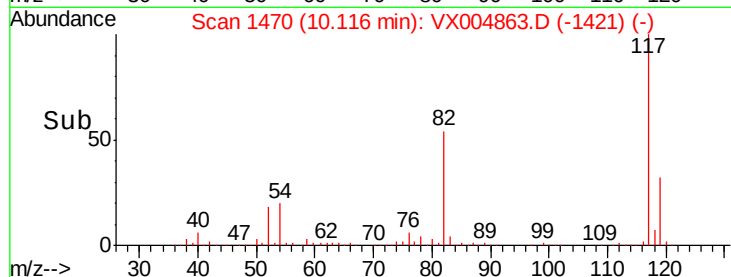
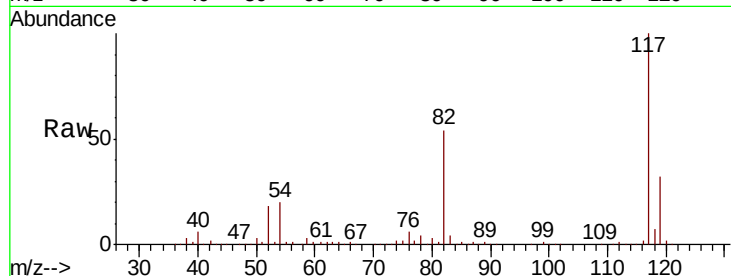




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

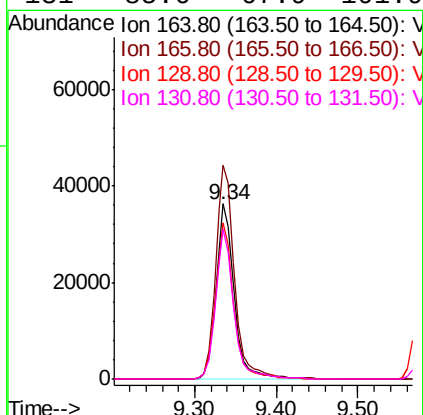
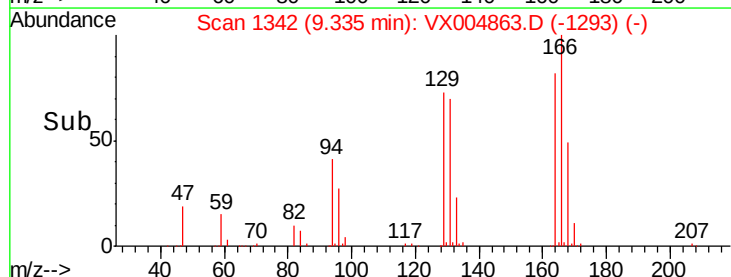
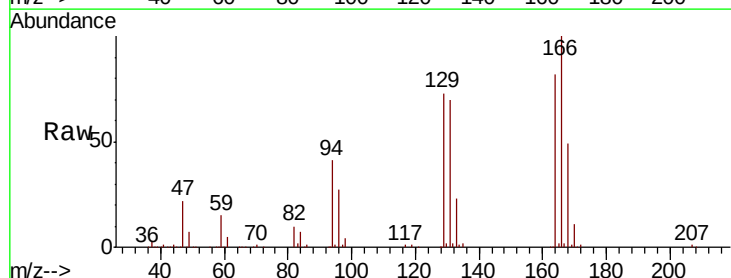
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBSD01

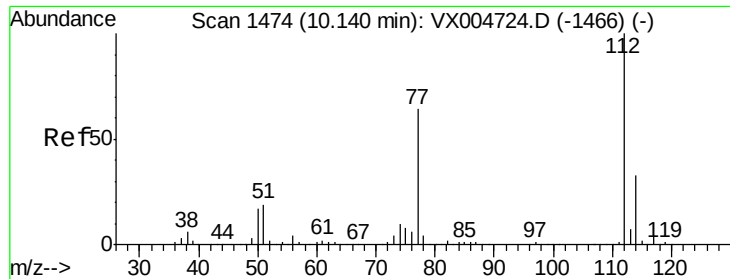
Tot Ion:117 Resp: 325966
Ion Ratio Lower Upper
117 100
82 53.7 47.8 71.6
119 32.3 29.3 43.9



#64
Tetrachloroethene
Concen: 17.802 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tgt Ion:164 Resp: 57114
Ion Ratio Lower Upper
164 100
166 122.0 102.8 154.2
129 89.0 69.4 104.0
131 85.6 67.9 101.9

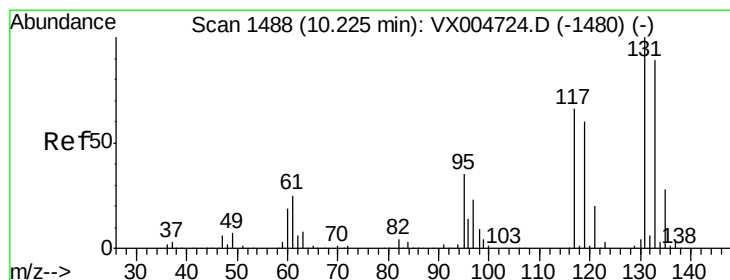
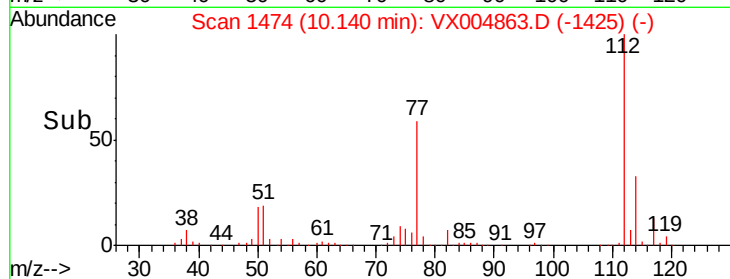
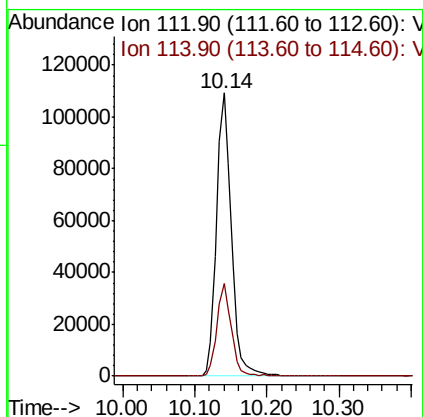
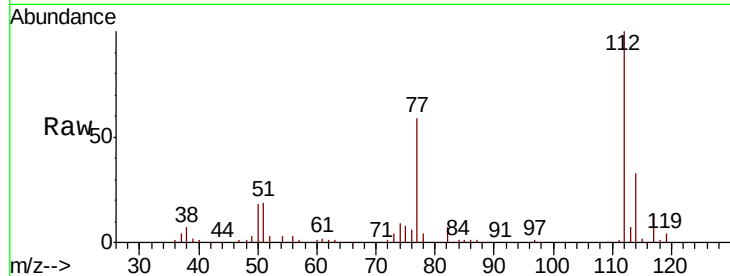




#65
Chlorobenzene
Concen: 18.617 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

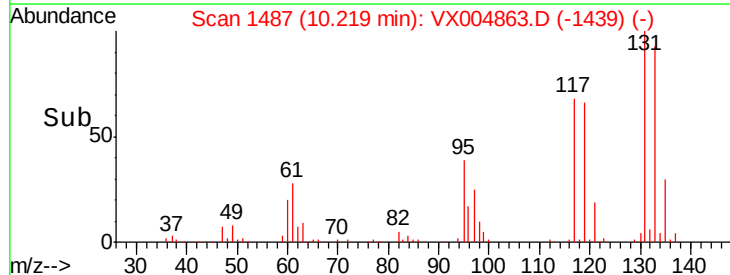
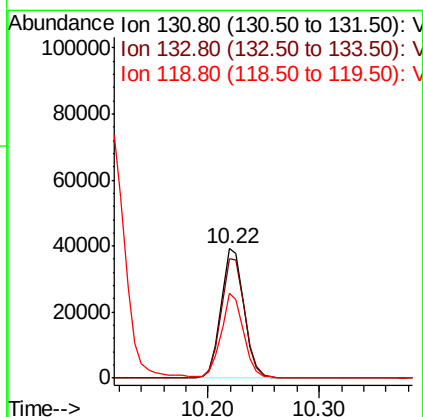
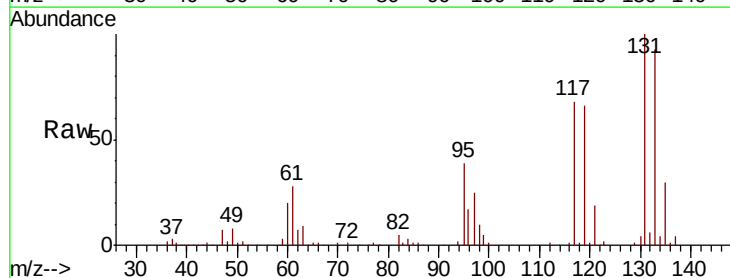
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBSD01

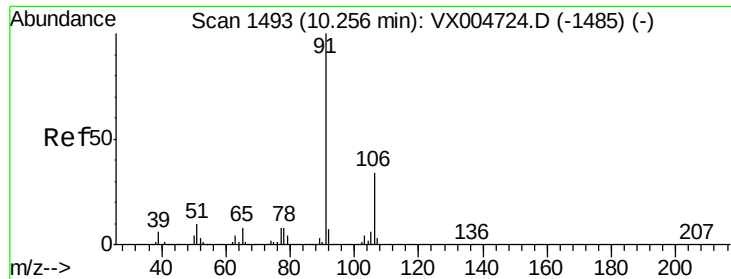
Tot Ion:112 Resp: 155611
Ion Ratio Lower Upper
112 100
114 32.9 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.063 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tgt Ion:131 Resp: 56017
Ion Ratio Lower Upper
131 100
133 95.1 48.1 144.4
119 64.0 32.9 98.6

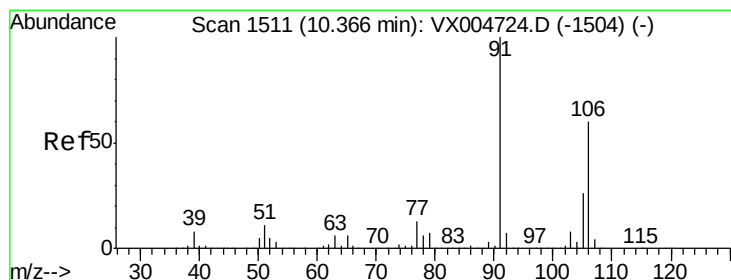
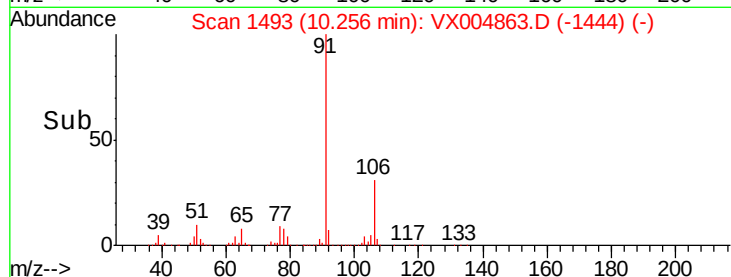
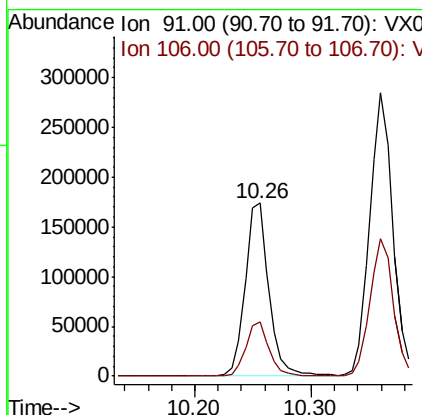
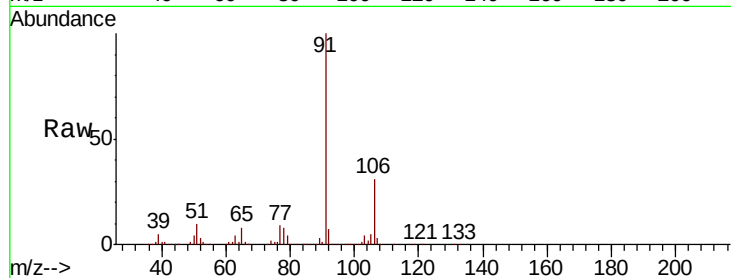




#67
Ethyl Benzene
Concen: 18.707 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

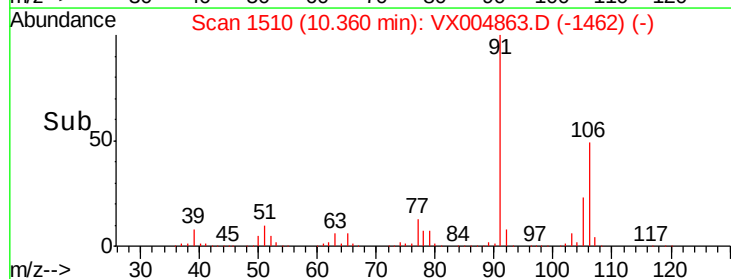
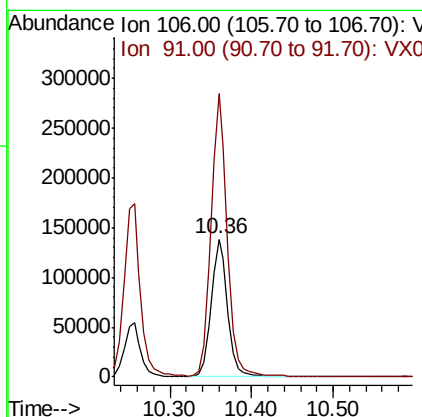
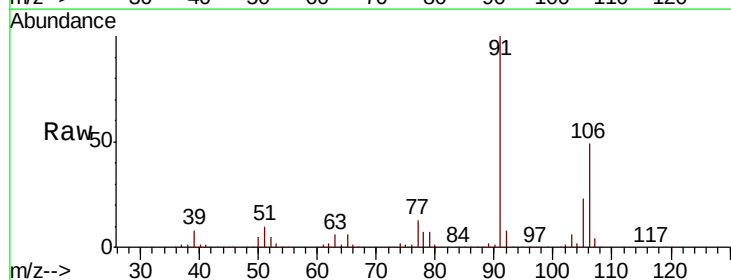
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBSD01

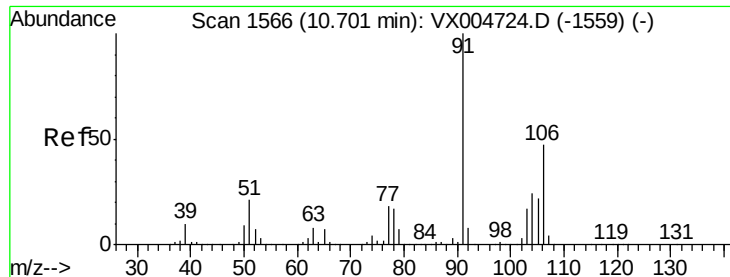
Tot Ion: 91 Resp: 248251
Ion Ratio Lower Upper
91 100
106 31.3 25.9 38.9



#68
m/p-Xylenes
Concen: 38.215 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tgt Ion: 106 Resp: 198172
Ion Ratio Lower Upper
106 100
91 203.0 157.1 235.7

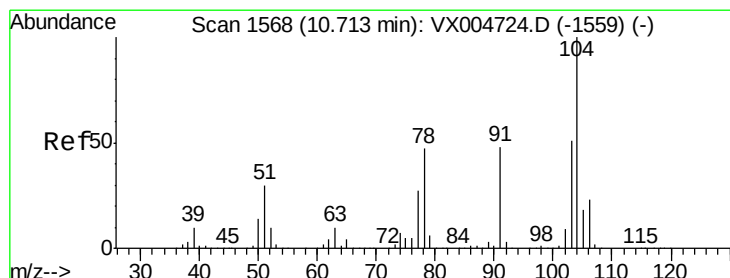
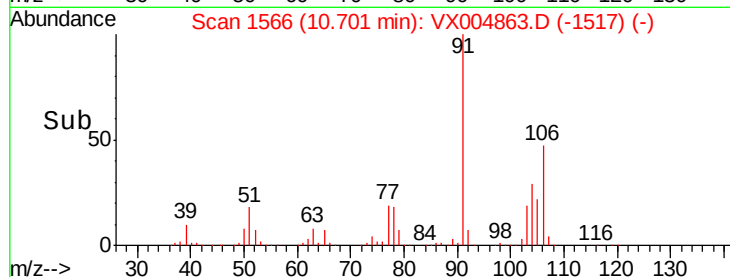
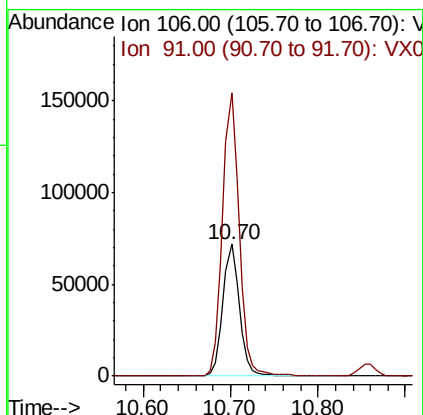
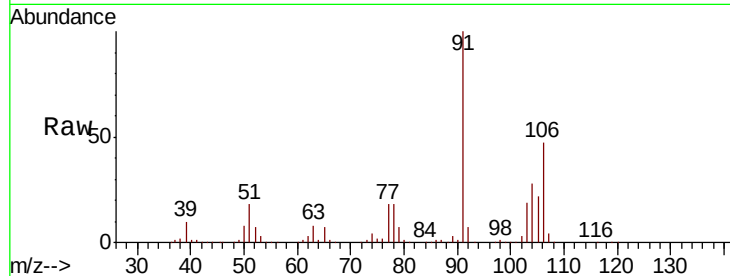




#69
o-Xylene
Concen: 19.871 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

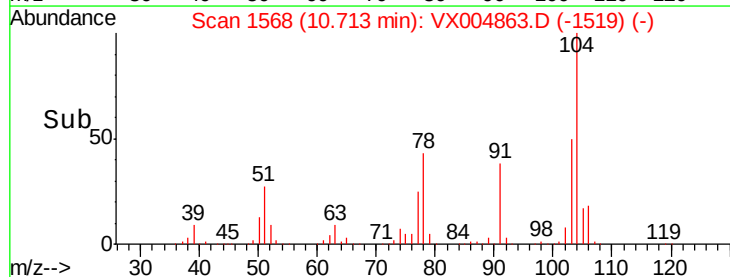
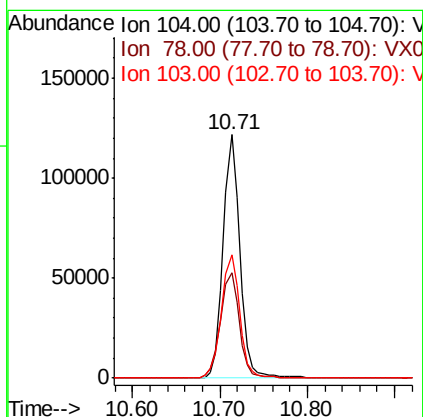
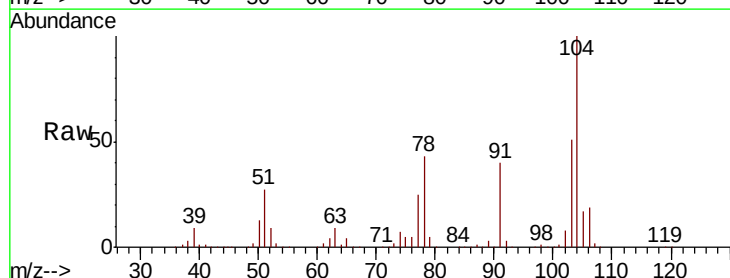
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBSD01

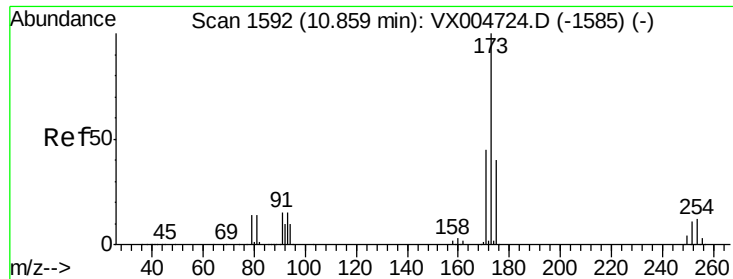
Tot Ion:106 Resp: 94645
Ion Ratio Lower Upper
106 100
91 215.6 105.1 315.1



#70
Styrene
Concen: 19.487 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tgt Ion:104 Resp: 161440
Ion Ratio Lower Upper
104 100
78 48.8 37.4 56.0
103 55.3 43.8 65.6





#71

Bromoform

Concen: 18.591 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBSD01

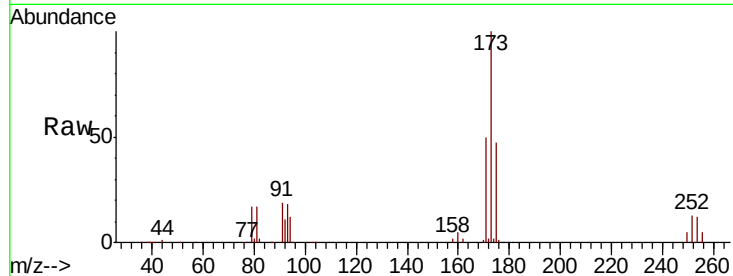
Tot Ion:173 Resp: 46771

Ion Ratio Lower Upper

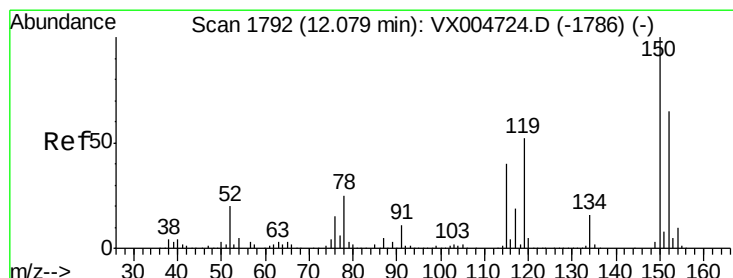
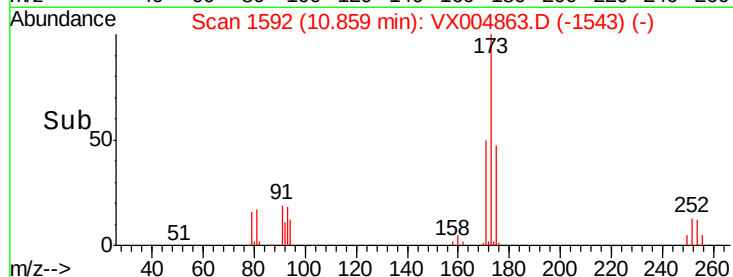
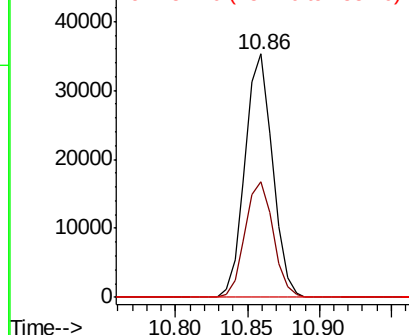
173 100

175 48.4 24.1 72.3

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: VX004863.D

Acq: 01 Oct 2018 11:54

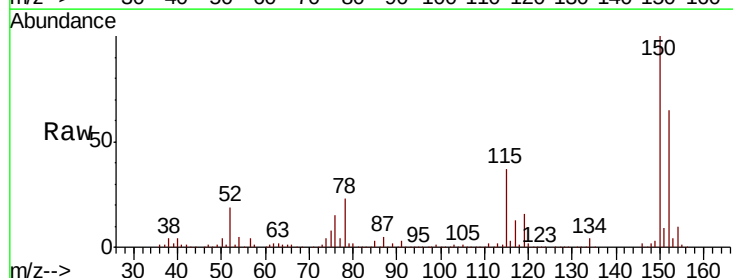
Tgt Ion:152 Resp: 198335

Ion Ratio Lower Upper

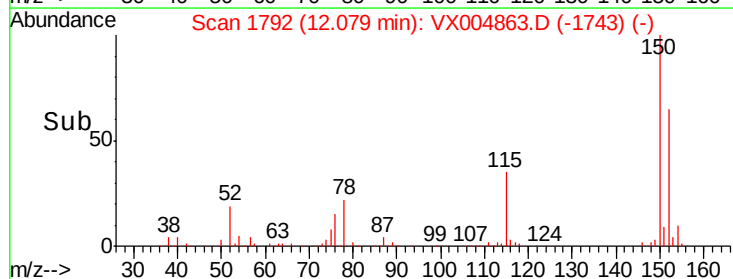
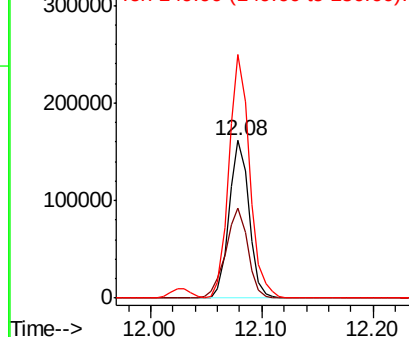
152 100

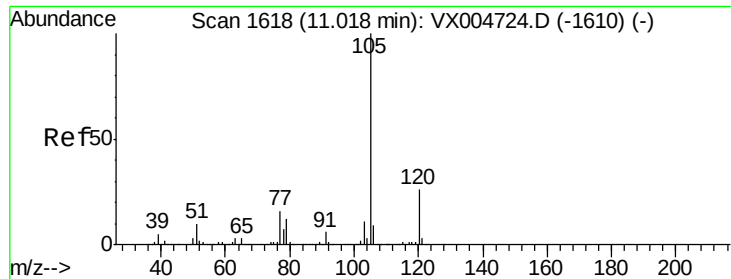
115 64.2 39.0 117.0

150 161.7 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.068 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

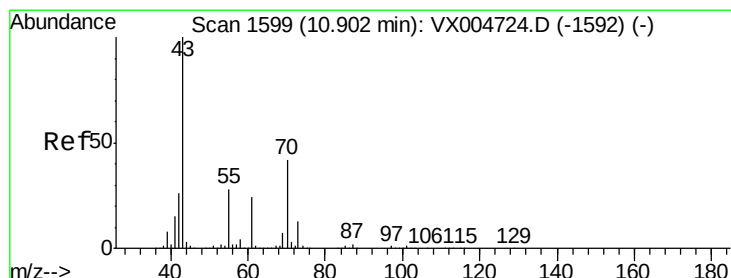
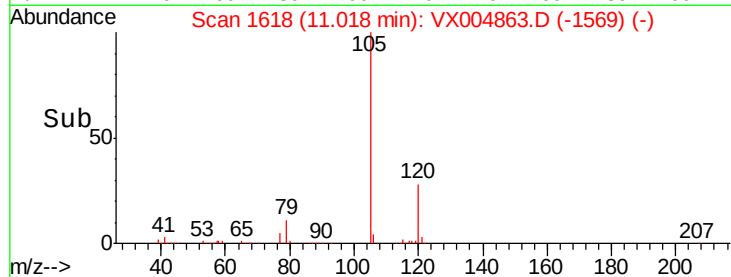
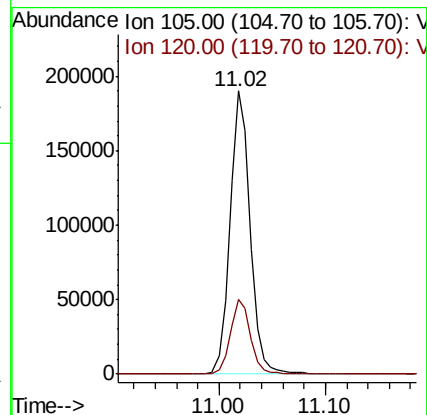
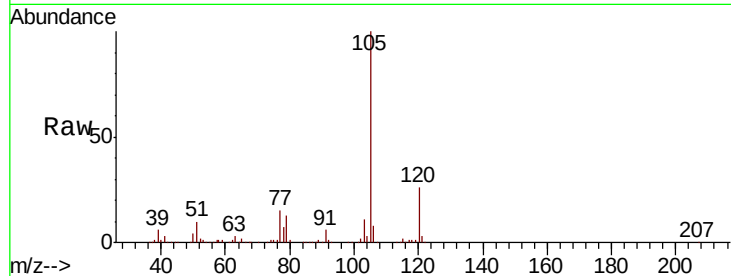
VX1001WBSD01

Tot Ion:105 Resp: 250878

Ion Ratio Lower Upper

105 100

120 26.4 13.5 40.4



#74

N-ethyl acetate

Concen: 18.822 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Tgt Ion: 43 Resp: 121568

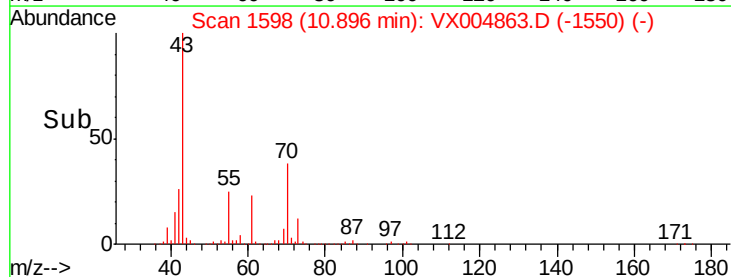
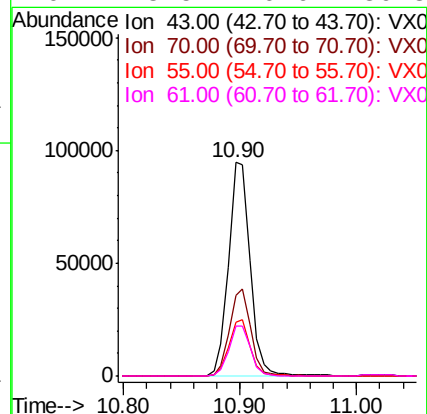
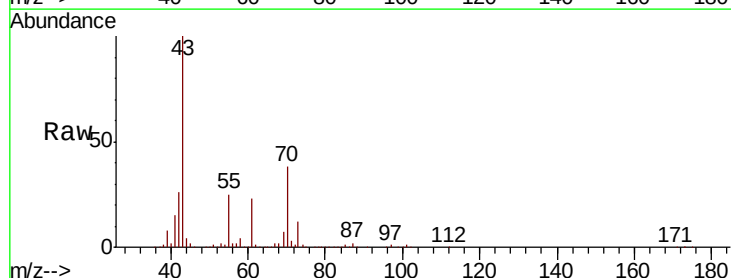
Ion Ratio Lower Upper

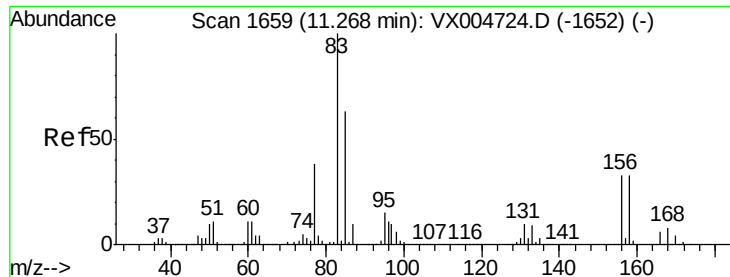
43 100

70 40.1 37.4 56.0

55 26.0 21.8 32.8

61 23.5 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.873 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBSD01

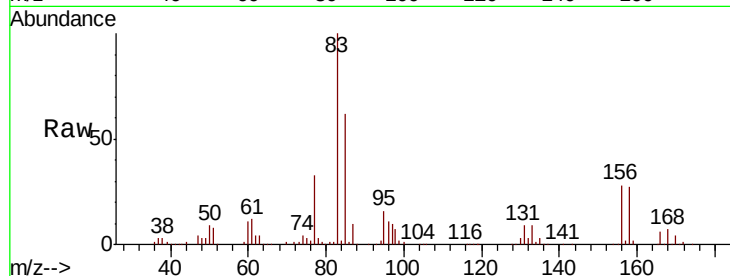
Tot Ion: 83 Resp: 96041

Ion Ratio Lower Upper

83 100

131 9.8 5.2 15.6

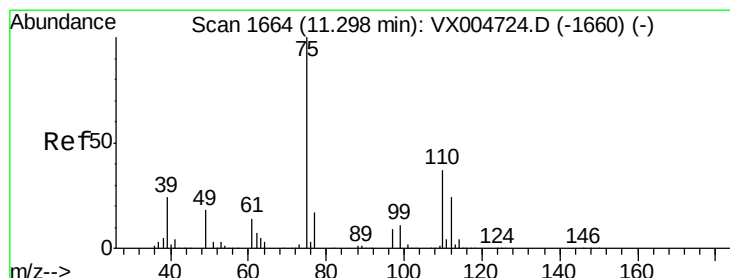
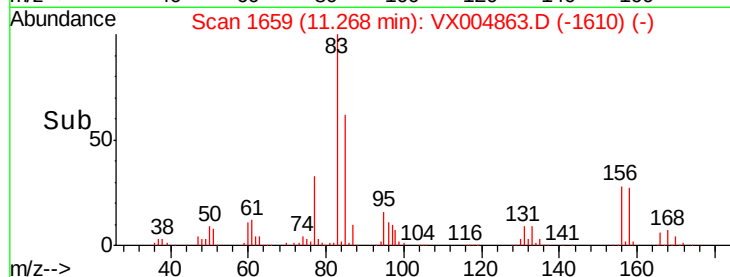
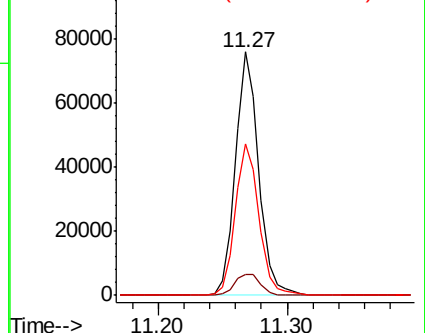
85 63.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.183 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004863.D

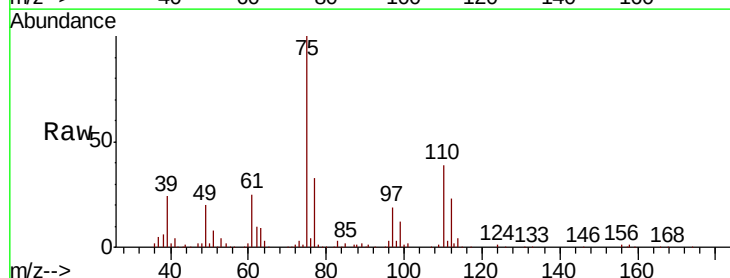
Acq: 01 Oct 2018 11:54

Tgt Ion: 75 Resp: 107505

Ion Ratio Lower Upper

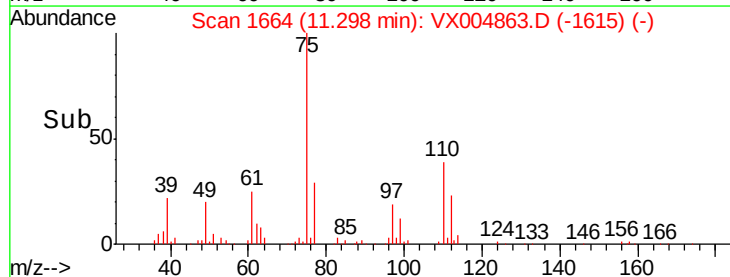
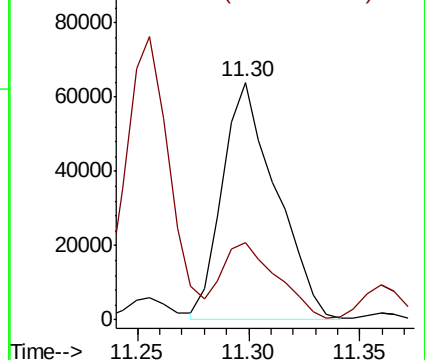
75 100

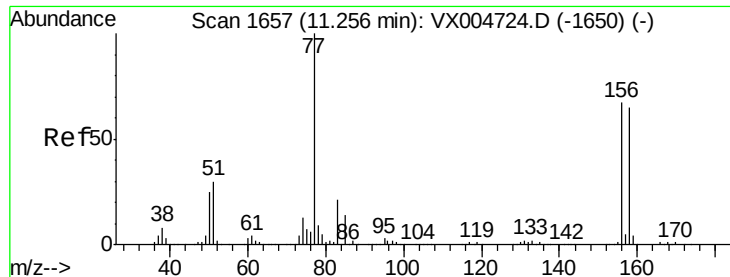
77 33.3 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.647 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBSD01

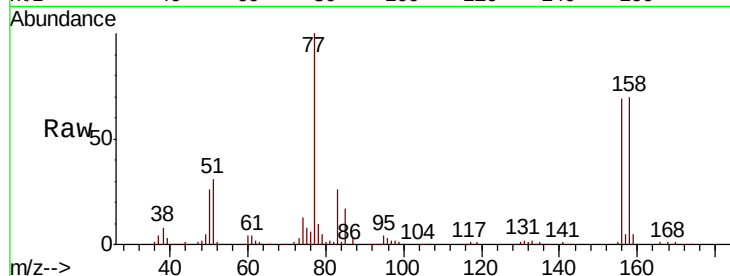
Tot Ion:156 Resp: 71341

Ion Ratio Lower Upper

156 100

77 146.6 71.5 214.3

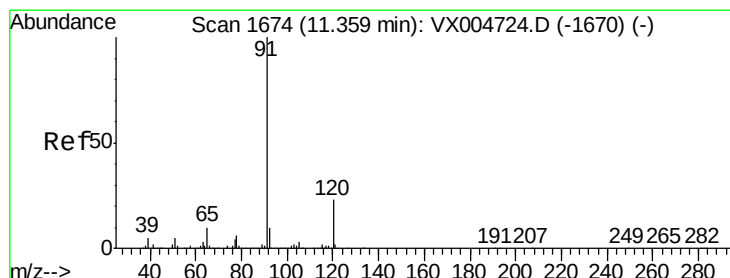
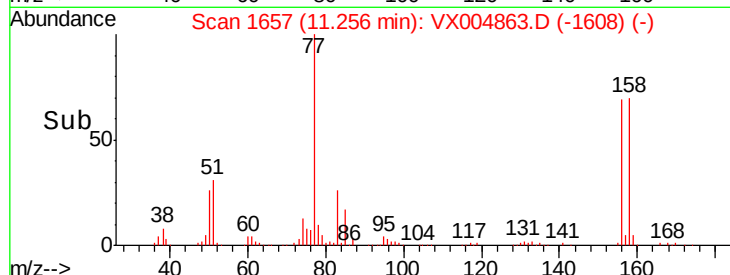
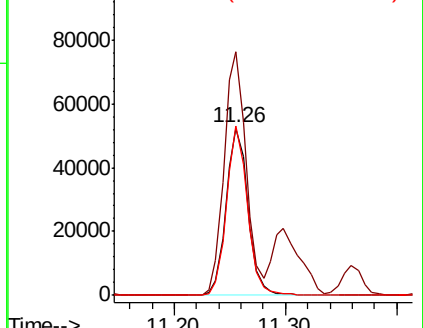
158 97.0 48.9 146.8



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: 20.263 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004863.D

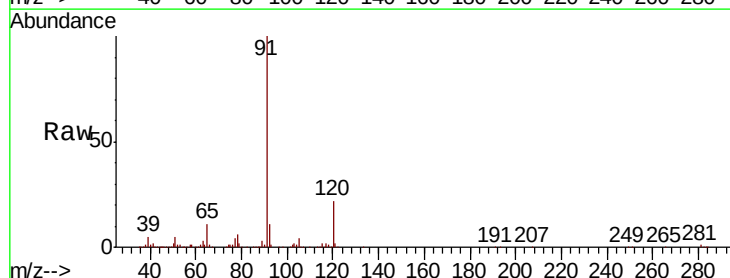
Acq: 01 Oct 2018 11:54

Tgt Ion: 91 Resp: 290649

Ion Ratio Lower Upper

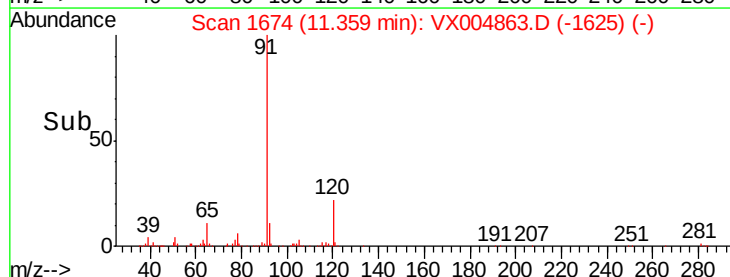
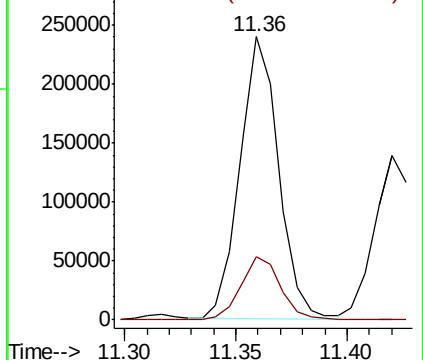
91 100

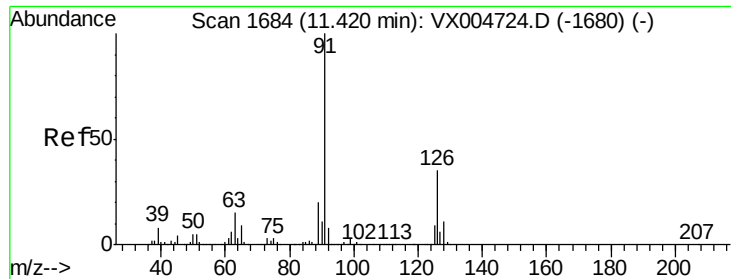
120 23.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.782 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampled :

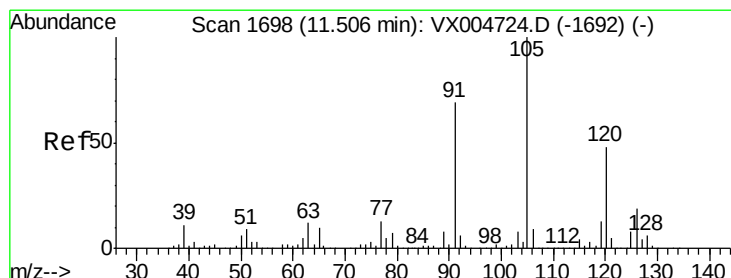
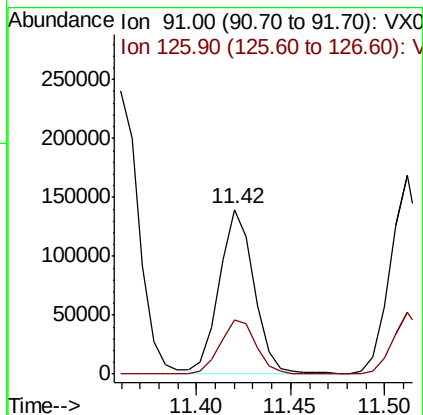
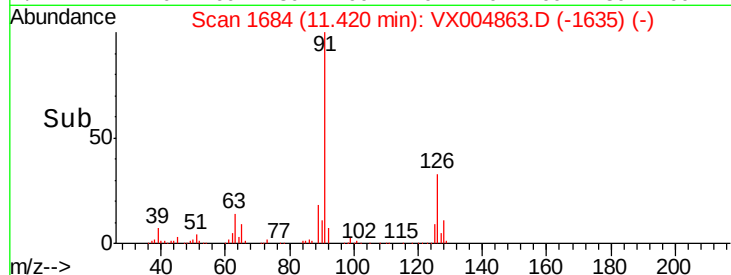
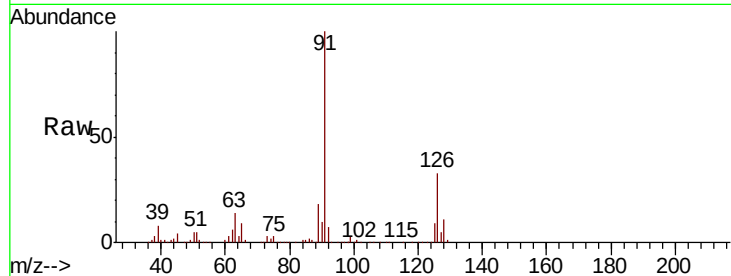
VX1001WBSD01

Tot Ion: 91 Resp: 176865

Ion Ratio Lower Upper

91 100

126 35.1 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 18.692 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004863.D

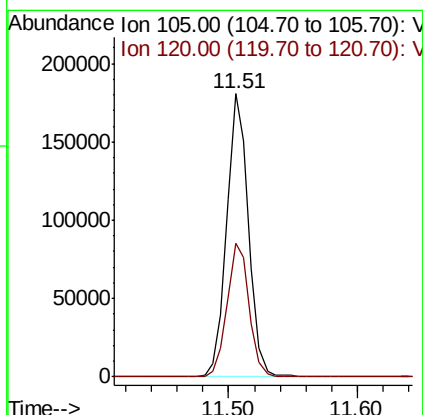
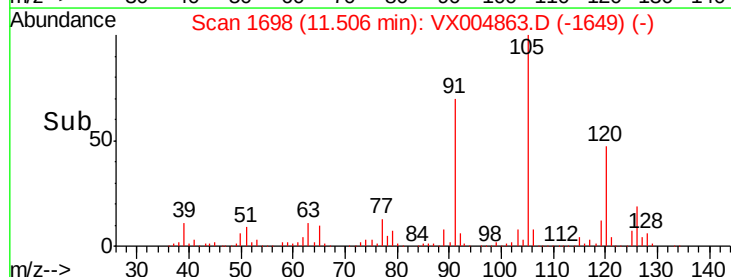
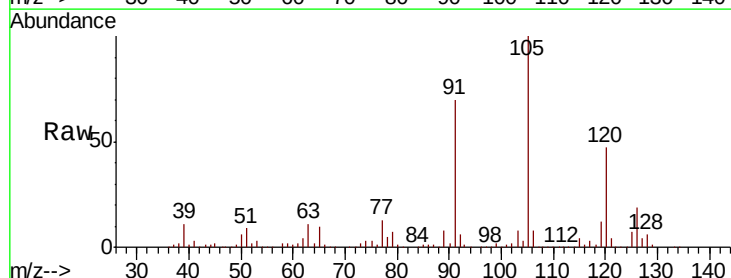
Acq: 01 Oct 2018 11:54

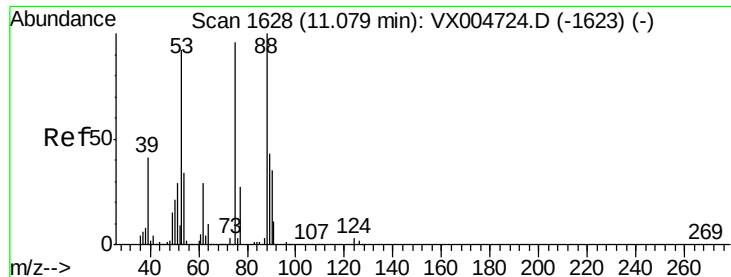
Tgt Ion: 105 Resp: 215585

Ion Ratio Lower Upper

105 100

120 48.0 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.286 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBSD01

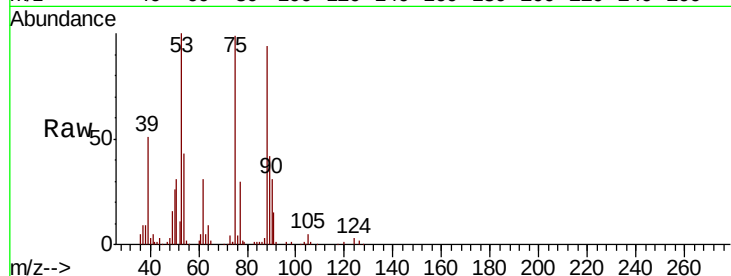
Tot Ion: 75 Resp: 25967

Ion Ratio Lower Upper

75 100

53 101.7 80.1 120.1

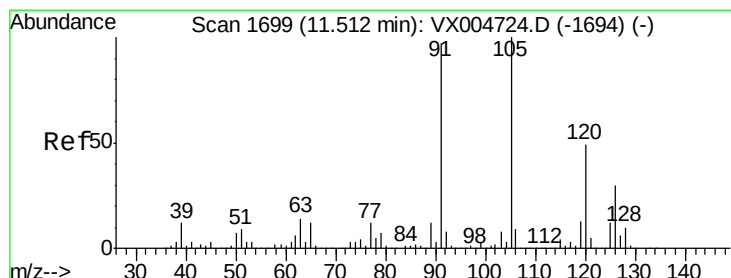
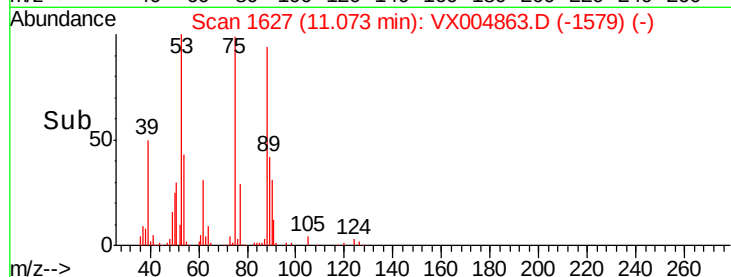
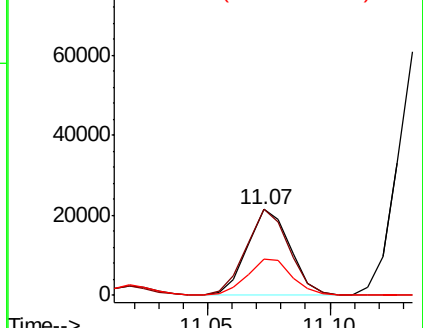
89 44.6 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.911 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004863.D

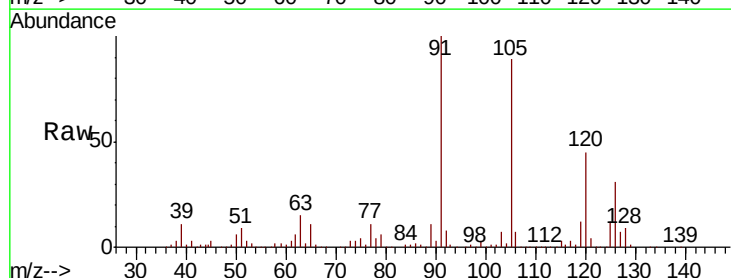
Acq: 01 Oct 2018 11:54

Tgt Ion: 91 Resp: 209541

Ion Ratio Lower Upper

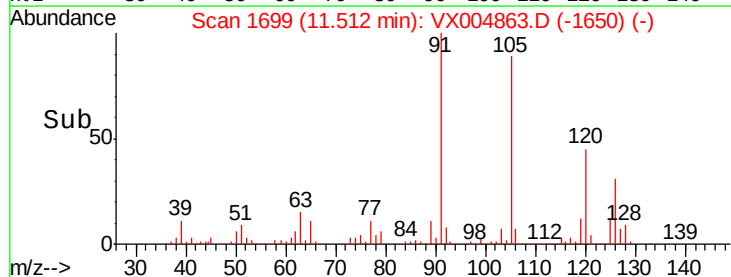
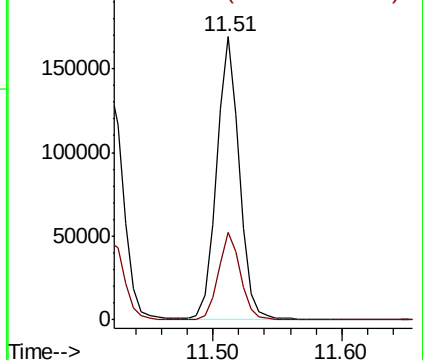
91 100

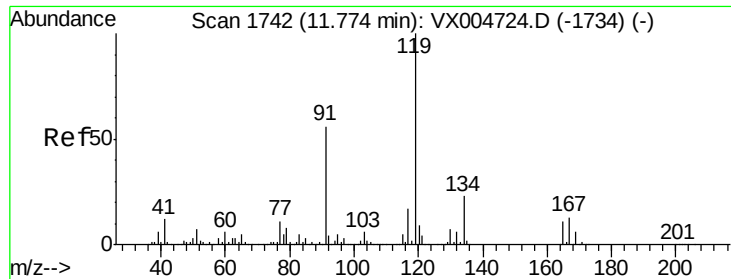
126 30.4 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

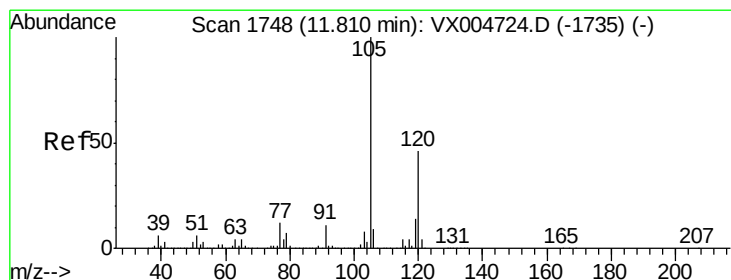
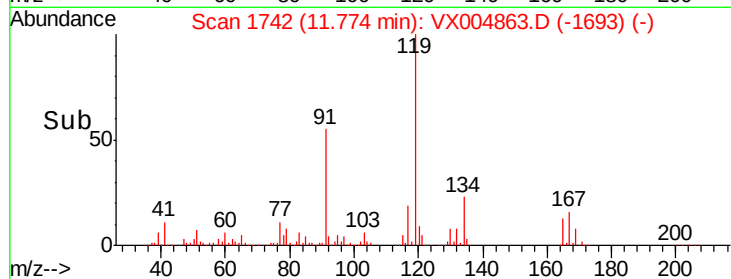
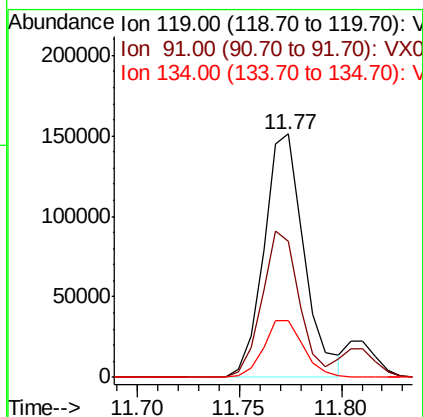
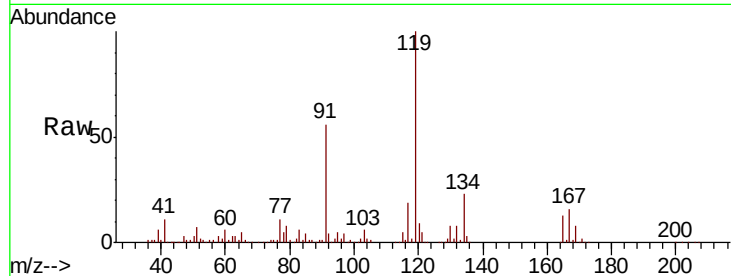




#83
 tert-Butylbenzene
 Concen: 20.117 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

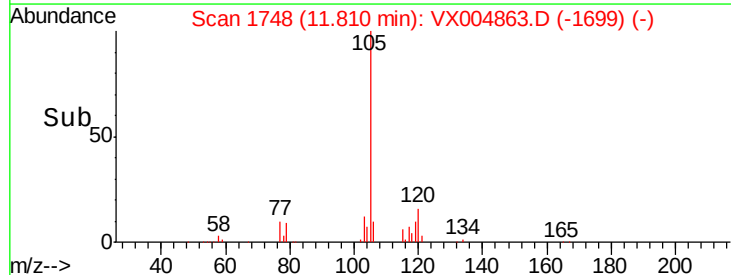
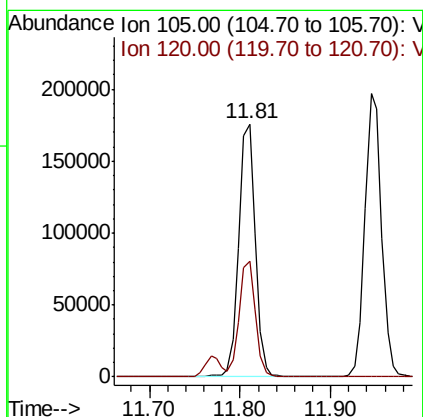
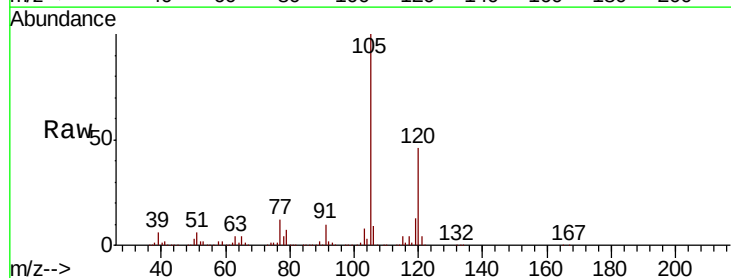
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBSD01

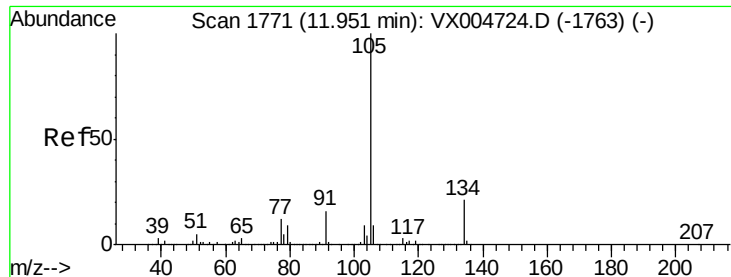
Tot Ion:119 Resp: 207055
 Ion Ratio Lower Upper
 119 100
 91 55.7 27.0 81.0
 134 23.2 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.778 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Tgt Ion:105 Resp: 223348
 Ion Ratio Lower Upper
 105 100
 120 44.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.993 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

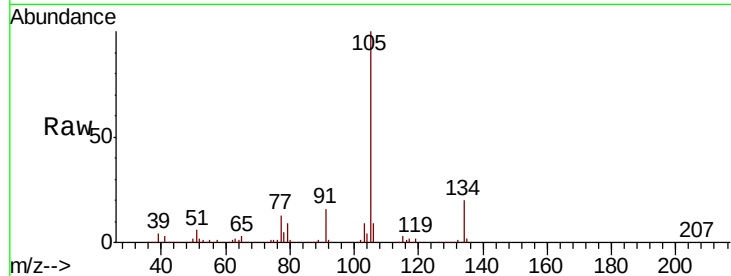
VX1001WBSD01

Tot Ion:105 Resp: 250645

Ion Ratio Lower Upper

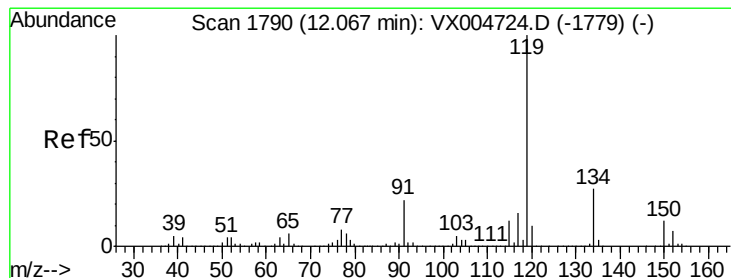
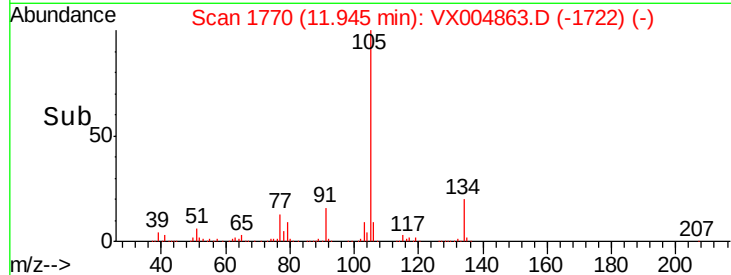
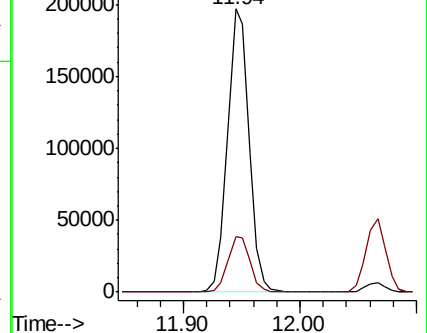
105 100

134 20.3 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.757 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

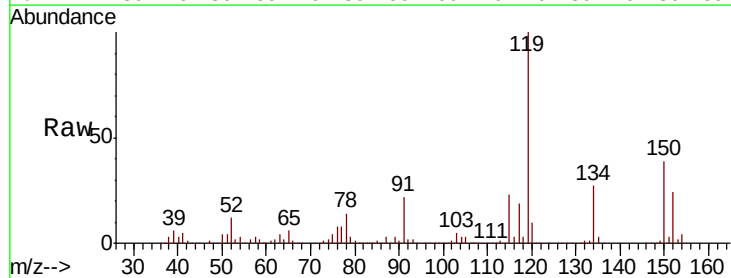
Tgt Ion:119 Resp: 224408

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

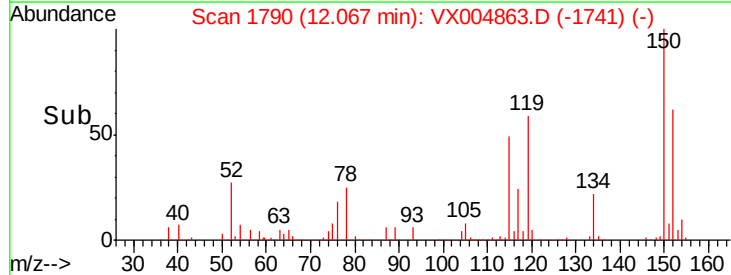
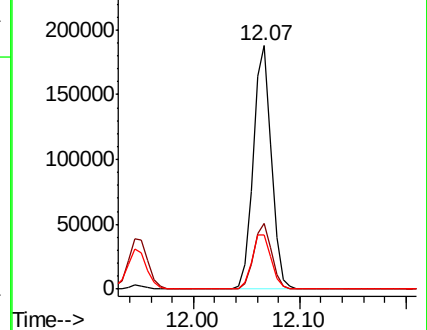
91 23.5 10.9 32.7

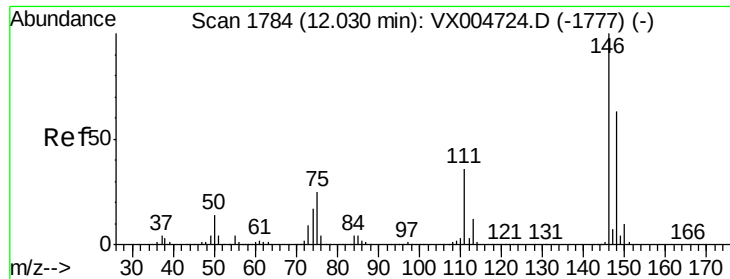


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

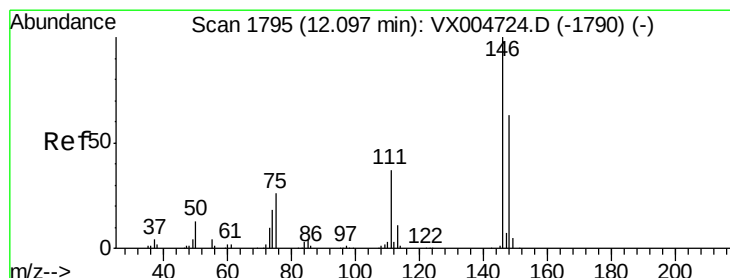
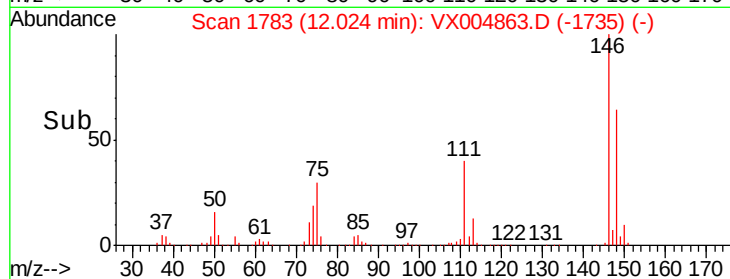
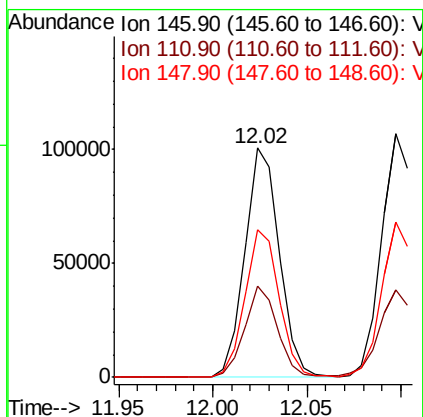
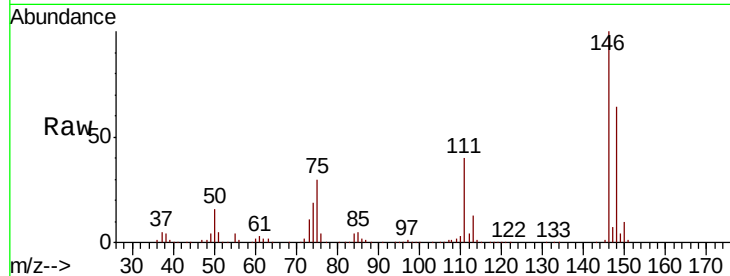




#87
 1,3-Dichlorobenzene
 Concen: 18.912 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

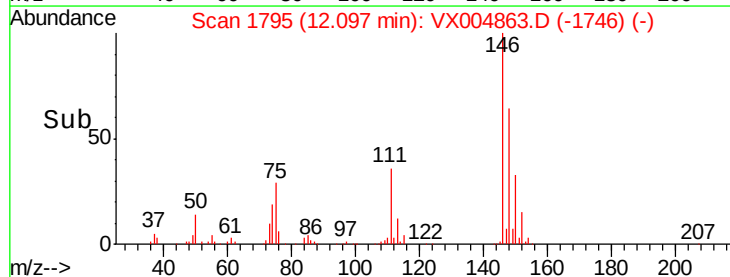
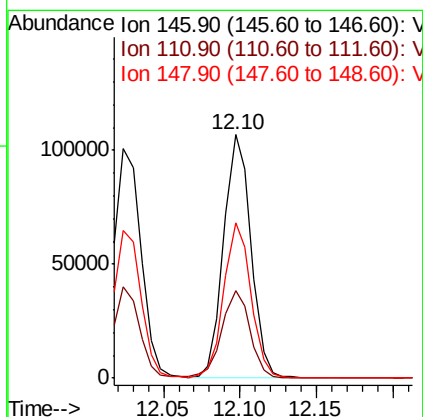
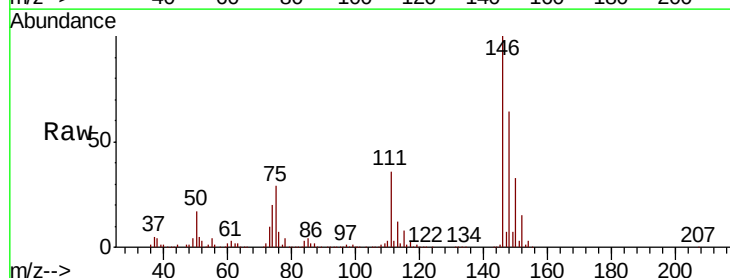
Instrument :
 MSVOA_X
 ClientSampled :
 VX1001WBSD01

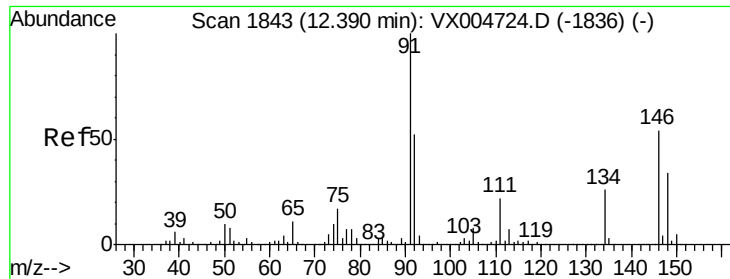
Tot Ion:146 Resp: 128232
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.7 56.1
 148 63.8 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 18.860 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Tgt Ion:146 Resp: 132009
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.1 54.1
 148 63.6 32.0 96.0





#89

n-Butylbenzene

Concen: 18.993 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBSD01

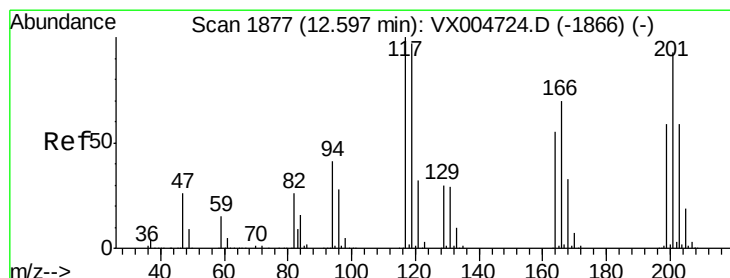
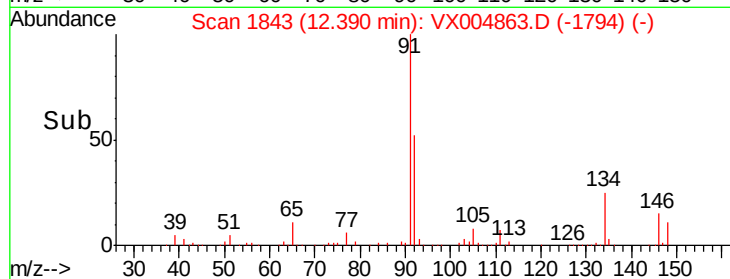
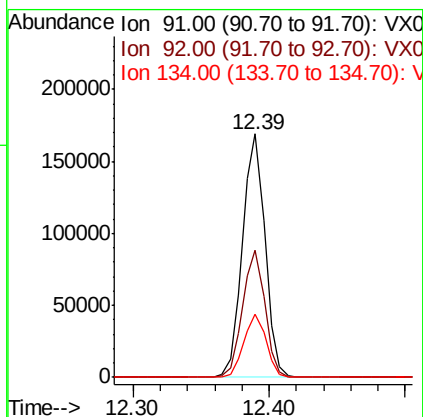
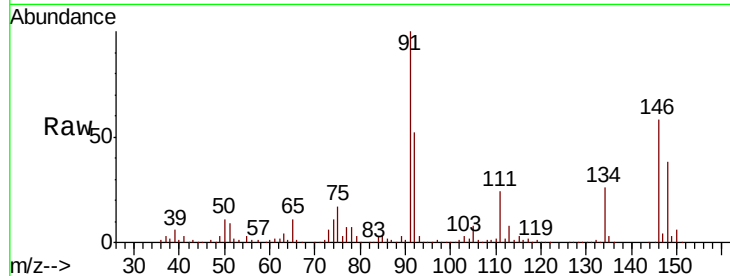
Tot Ion: 91 Resp: 195929

Ion Ratio Lower Upper

91 100

92 51.6 27.3 81.9

134 25.7 13.6 40.7



#90

Hexachloroethane

Concen: 18.196 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX004863.D

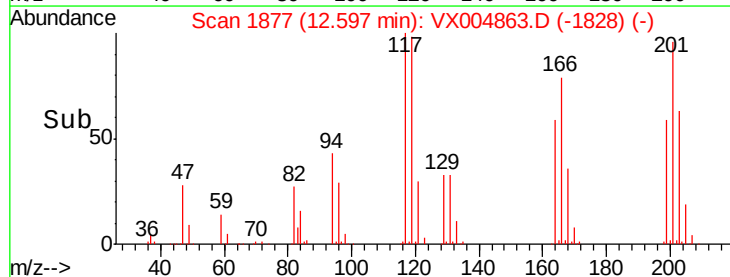
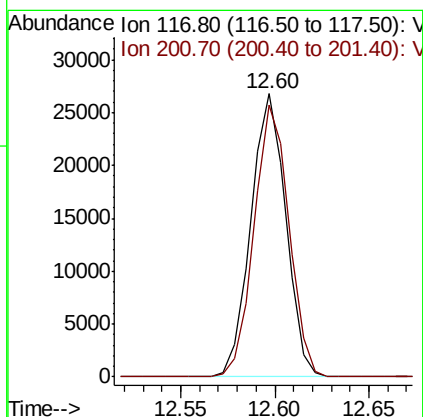
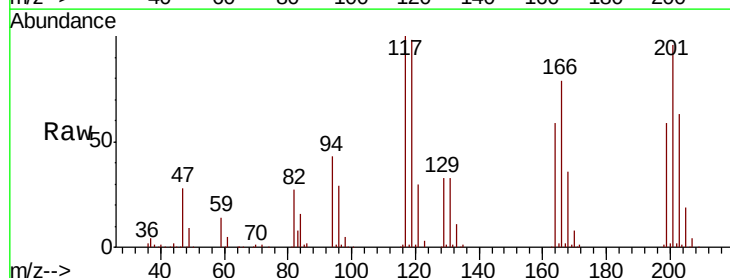
Acq: 01 Oct 2018 11:54

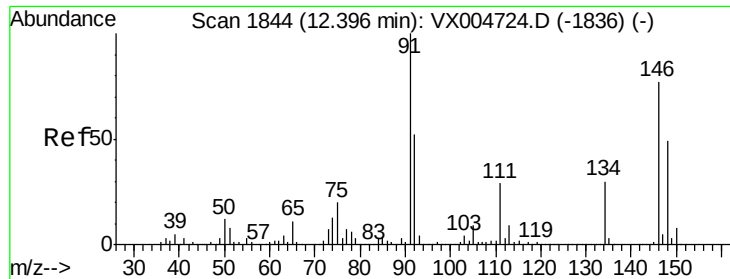
Tgt Ion: 117 Resp: 34412

Ion Ratio Lower Upper

117 100

201 95.9 46.9 140.6

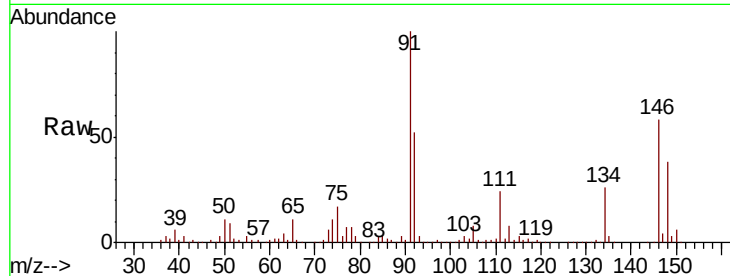




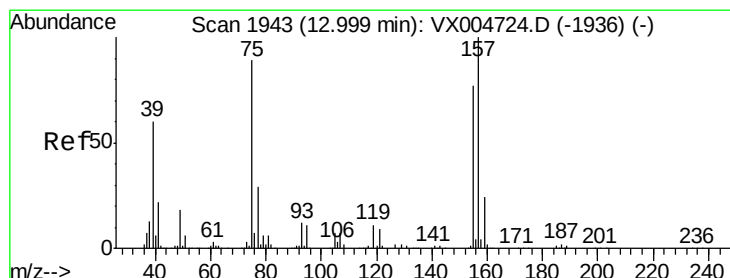
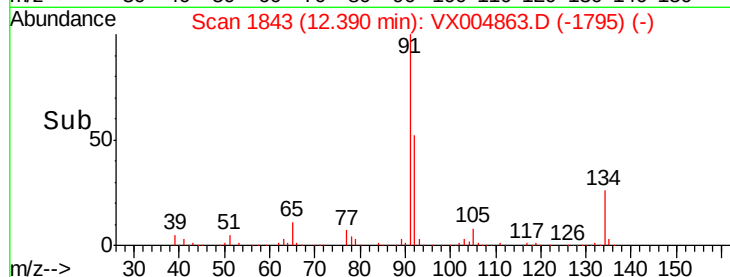
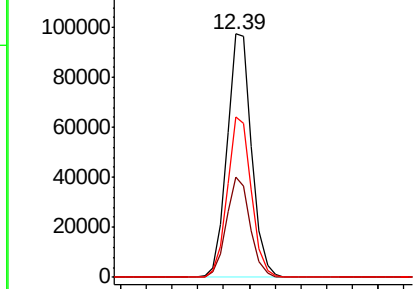
#91
 1,2-Dichlorobenzene
 Concen: 18.332 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBSD01

Tot Ion:146 Resp: 129894
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.4 58.1
 148 64.8 32.8 98.3

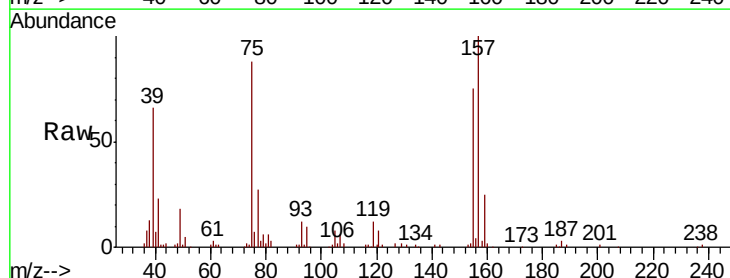


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

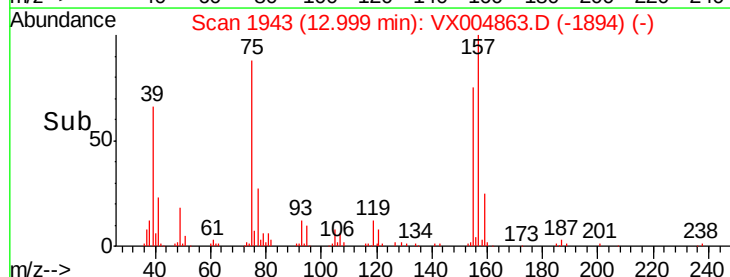
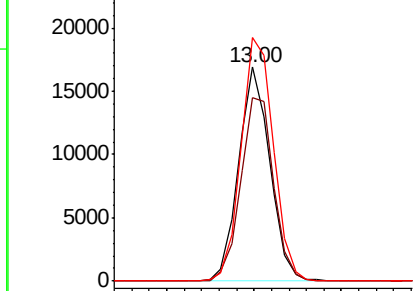


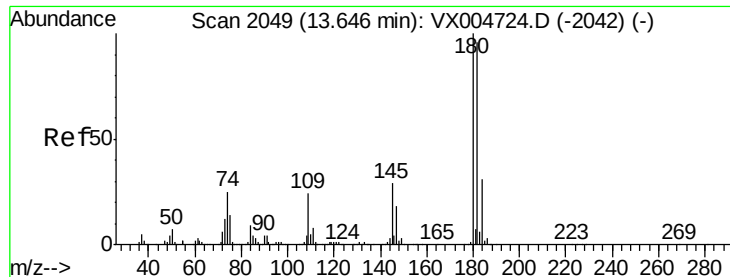
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.722 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Tgt Ion: 75 Resp: 20919
 Ion Ratio Lower Upper
 75 100
 155 90.0 48.0 144.2
 157 117.7 61.4 184.1



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

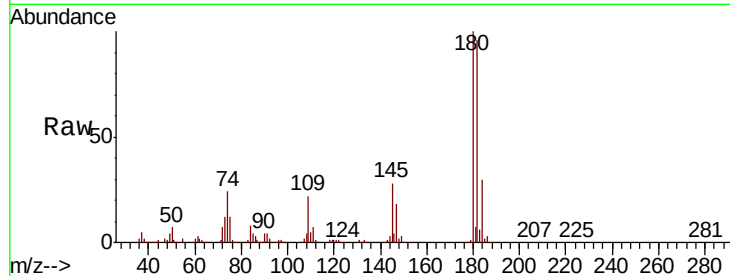




#93
 1,2,4-Trichlorobenzene
 Concen: 18.691 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.4	145.0
145	28.2	14.3	42.9

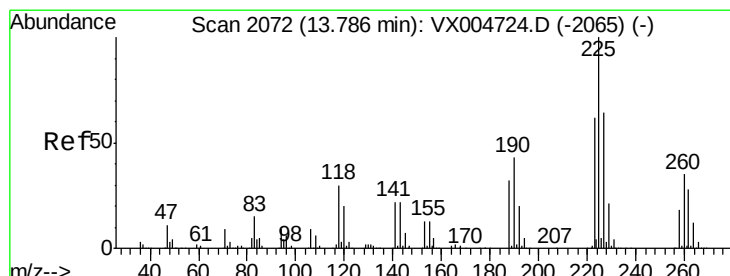
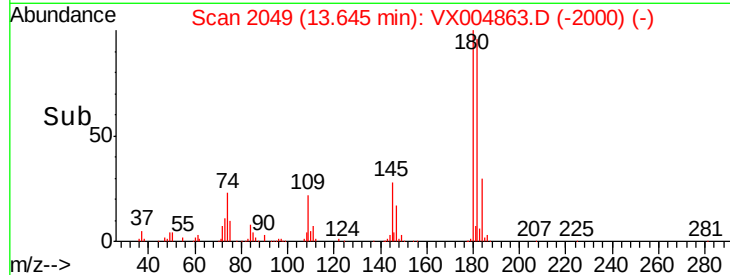
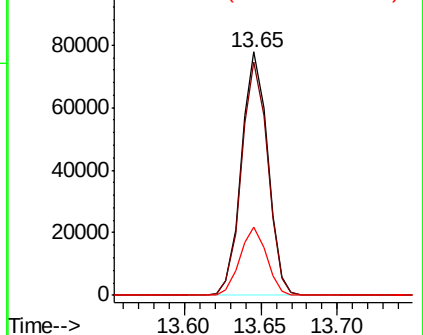


Abundance

Ion 179.80 (179.50 to 180.50): V

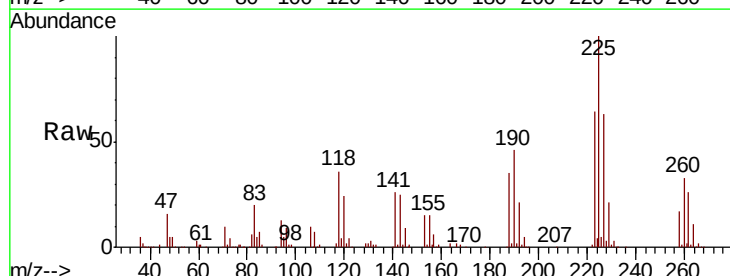
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 17.338 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	30.1	90.5
227	65.3	30.8	92.4

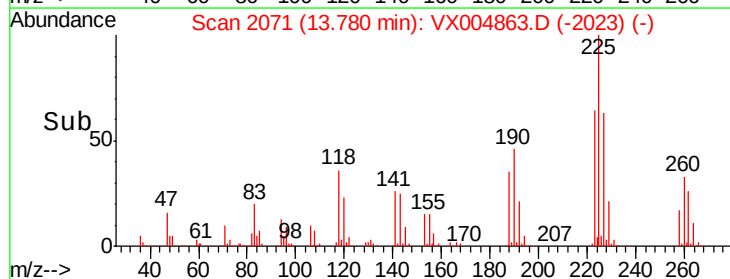
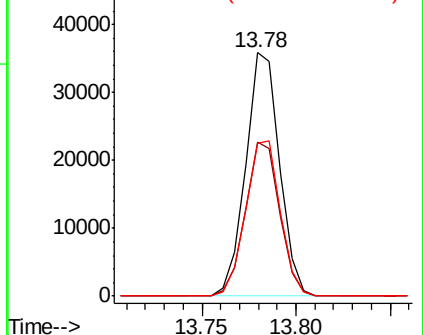


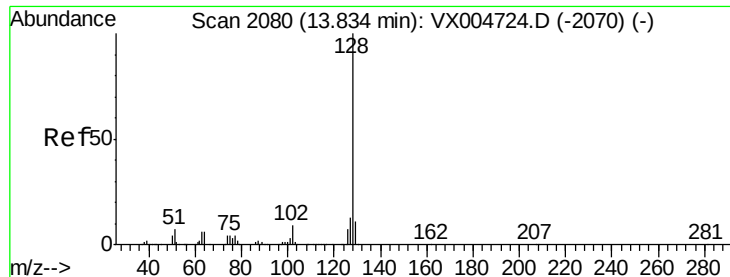
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

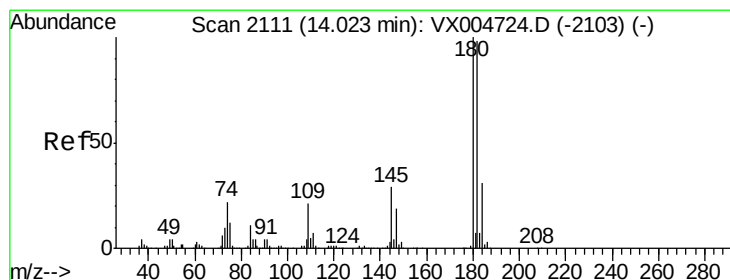
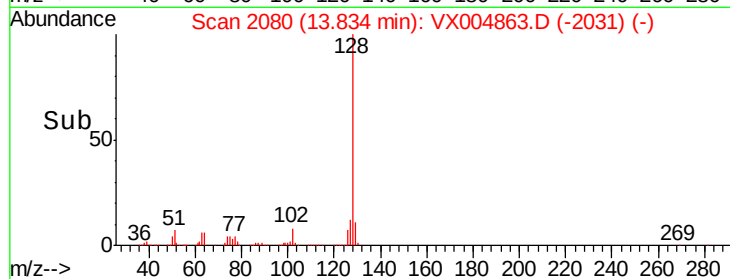
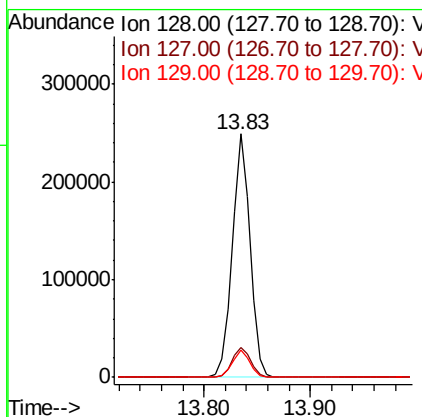
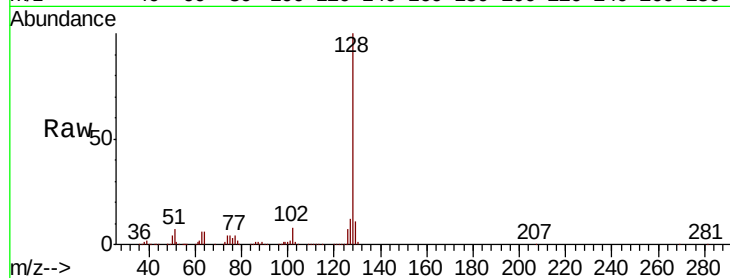




#95
Naphthalene
Concen: 18.205 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBSD01

Tot Ion:128 Resp: 292677
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.203 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tgt Ion:180 Resp: 98602
Ion Ratio Lower Upper
180 100
182 93.9 48.5 145.6
145 29.7 14.9 44.9

