

Data File : VX001210.D

Acq On : 28 Apr 2018 13:48

Operator : JC/MD

Sample : VX0428WBSD01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD01

Quant Time: Apr 30 01:27:15 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:51:42 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	200954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	263374	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	250187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	170053	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	138097	44.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.66%	
35) Dibromofluoromethane	5.51	113	111081	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
50) Toluene-d8	8.72	98	416470	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	11.14	95	159631	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	41742	19.81	ug/l	96
3) Chloromethane	1.32	50	39764	18.02	ug/l	100
4) Vinyl Chloride	1.40	62	43507	18.58	ug/l	99
5) Bromomethane	1.64	94	34763	23.06	ug/l	98
6) Chloroethane	1.73	64	28194	19.13	ug/l	96
7) Trichlorofluoromethane	1.93	101	76358	20.19	ug/l	99
8) Diethyl Ether	2.19	74	27692	19.04	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	44446	21.33	ug/l	100
10) Methyl Iodide	2.51	142	33647	20.52	ug/l	97
11) Tert butyl alcohol	3.07	59	50950	82.94	ug/l	97
12) 1,1-Dichloroethene	2.37	96	38152	18.77	ug/l	99
13) Acrolein	2.29	56	14004	60.30	ug/l	99
14) Allyl chloride	2.73	41	71570	19.31	ug/l	98
15) Acrylonitrile	3.15	53	113987	86.90	ug/l	98
16) Acetone	2.45	43	117539	91.76	ug/l	100
17) Carbon Disulfide	2.57	76	92820	17.90	ug/l	99
18) Methyl Acetate	2.78	43	60043	18.73	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	142169	19.00	ug/l	98
20) Methylene Chloride	2.86	84	44112	18.49	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	42313	18.84	ug/l	98
22) Diisopropyl ether	3.87	45	133091	17.94	ug/l	91
23) Vinyl Acetate	3.83	43	574698	91.33	ug/l	99
24) 1,1-Dichloroethane	3.70	63	77440	19.86	ug/l	99
25) 2-Butanone	4.71	43	161617	84.32	ug/l	99
26) 2,2-Dichloropropane	4.59	77	57241	18.65	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	47332	19.24	ug/l	98
28) Bromochloromethane	5.02	49	36338	20.79	ug/l	98
29) Tetrahydrofuran	5.17	42	101408	82.29	ug/l	98
30) Chloroform	5.22	83	80265	19.36	ug/l	98
31) Cyclohexane	5.57	56	65792	19.86	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	68853	19.24	ug/l	99
36) 1,1-Dichloropropene	5.81	75	58045	20.00	ug/l	99
37) Ethyl Acetate	4.86	43	61933	17.82	ug/l	99
38) Carbon Tetrachloride	5.79	117	59478	19.99	ug/l	98

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD01

Quant Time: Apr 30 01:27:15 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:51:42 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	66849	20.81	ug/l	98
40) Benzene	6.15	78	170228	20.28	ug/l	99
41) Methacrylonitrile	5.07	41	35822	18.34	ug/l	98
42) 1,2-Dichloroethane	6.20	62	68343	20.20	ug/l	99
43) Isopropyl Acetate	6.47	43	100656	18.44	ug/l	100
44) Trichloroethene	7.22	130	51743	20.69	ug/l	98
45) 1,2-Dichloropropane	7.52	63	43850	19.86	ug/l	99
46) Dibromomethane	7.67	93	31405	20.54	ug/l	98
47) Bromodichloromethane	7.90	83	55213	19.87	ug/l	99
48) Methyl methacrylate	7.79	41	53330	18.38	ug/l	99
49) 1,4-Dioxane	7.76	88	20929	360.29	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	332823	92.82	ug/l	97
52) Toluene	8.79	92	113818	20.73	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	64360	19.93	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	61017	19.48	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	47602	20.49	ug/l	98
56) Ethyl methacrylate	9.19	69	66180	19.23	ug/l	98
57) 1,3-Dichloropropane	9.38	76	75863	20.19	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	152784	93.90	ug/l	100
59) 2-Hexanone	9.50	43	255555	90.97	ug/l	99
60) Dibromochloromethane	9.59	129	47605	19.72	ug/l	100
61) 1,2-Dibromoethane	9.68	107	49880	20.50	ug/l	100
64) Tetrachloroethene	9.34	164	59337	22.22	ug/l	98
65) Chlorobenzene	10.14	112	135419	20.66	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	47928	21.13	ug/l	99
67) Ethyl Benzene	10.26	91	220874	20.74	ug/l	99
68) m/p-Xylenes	10.37	106	172304	40.92	ug/l	97
69) o-Xylene	10.70	106	84254	20.63	ug/l	99
70) Styrene	10.72	104	139970	20.59	ug/l	99
71) Bromoform	10.86	173	36662	18.80	ug/l #	99
73) Isopropylbenzene	11.02	105	230593	20.80	ug/l	99
74) N-amyl acetate	6.47	43	100656	18.02	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	69075	18.78	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	73815	21.32	ug/l	89
77) Bromobenzene	11.26	156	67186	20.44	ug/l	98
78) n-propylbenzene	11.37	91	259234	20.97	ug/l	100
79) 2-Chlorotoluene	11.43	91	154006	20.10	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	194704	20.75	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	14877	17.41	ug/l	88
82) 4-Chlorotoluene	11.52	91	184629	20.27	ug/l	99
83) tert-Butylbenzene	11.77	119	187147	19.98	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	201502	20.89	ug/l	100
85) sec-Butylbenzene	11.95	105	232311	21.24	ug/l	100
86) p-Isopropyltoluene	12.07	119	212096	20.84	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	121535	20.60	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	126466	20.57	ug/l	99
89) n-Butylbenzene	12.39	91	179930	20.43	ug/l	100
90) Hexachloroethane	12.60	117	28835	19.75	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	122192	20.49	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13944	17.18	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042818\
Quantitation Report (Not Reviewed)

Data File : VX001210.D
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Operator : JC/MD
Sample : VX0428WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD01

Quant Time: Apr 30 01:27:15 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:51:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	94552	20.22	ug/l	100
94) Hexachlorobutadiene	13.79	225	43250	19.68	ug/l	99
95) Naphthalene	13.84	128	249018	19.12	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	93931	20.19	ug/l	98

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

Data File : VX001210.D

Acq On : 28 Apr 2018 13:48

Operator : JC/MD

Sample : VX0428WBSD01

Misc : 5.0mL/MSVOA X/WATER

ALS Vial : 5 Sample Multiplier: 1

Instrument :

MSVOA X

ClientSampleId :

VX0428WBSD01

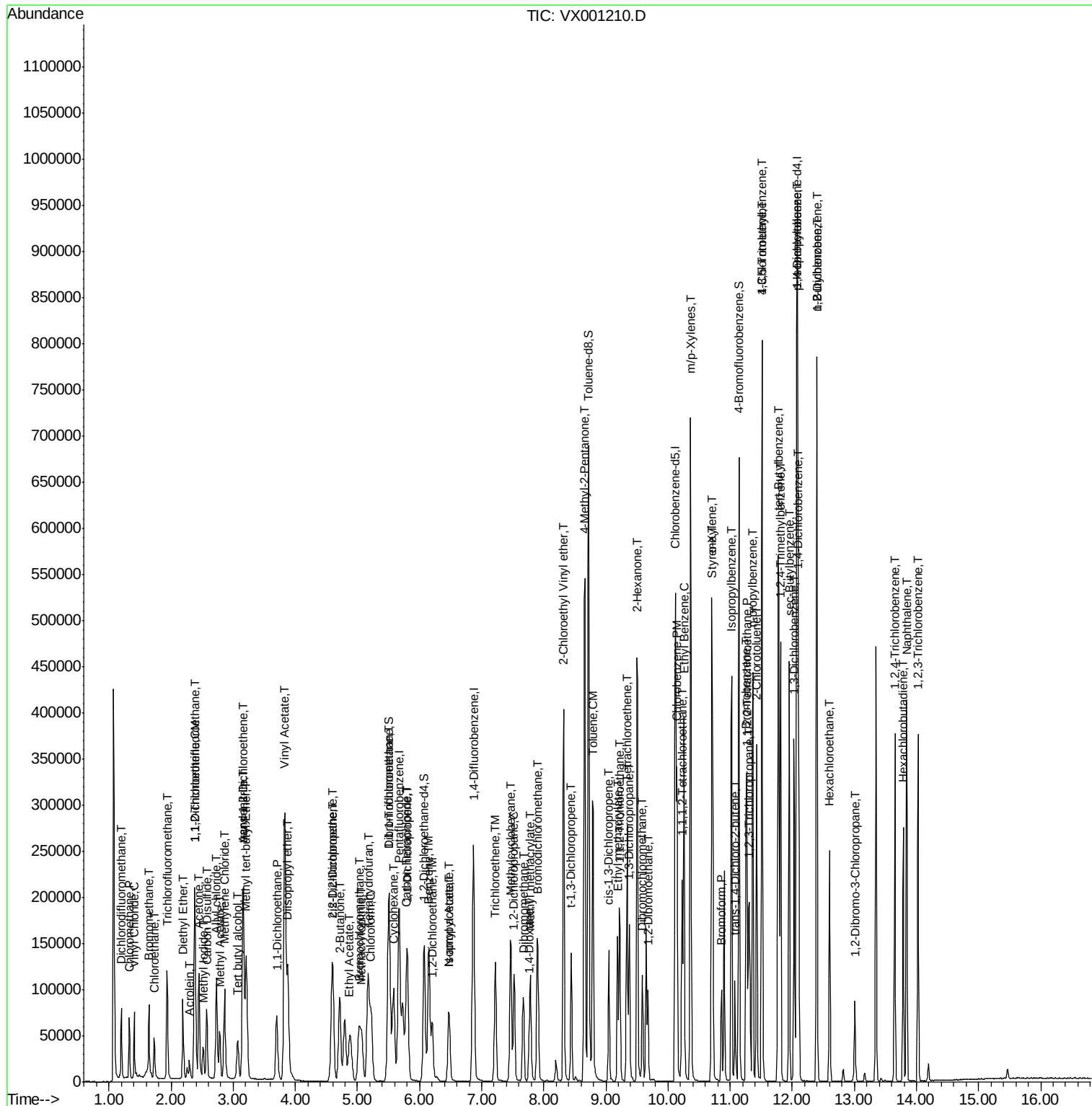
Quant Time: Apr 30 01:27:15 2018

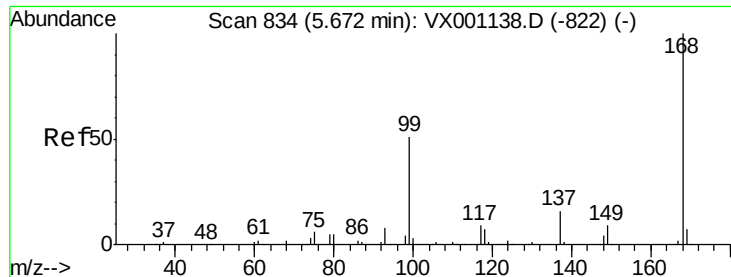
Quant Method : W:\HPCHEM1\MSV0A_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:51:42 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

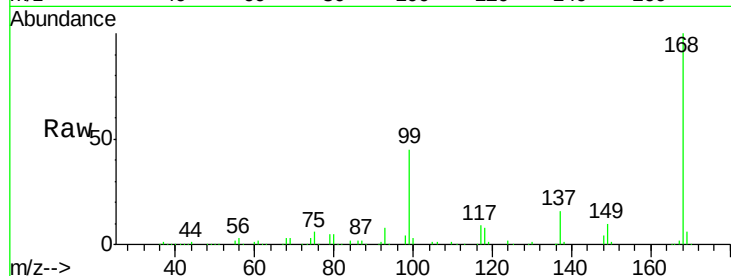
VX0428WBSD01

Tgt Ion:168 Resp: 200954

Ion Ratio Lower Upper

168 100

99 45.5 40.6 60.8

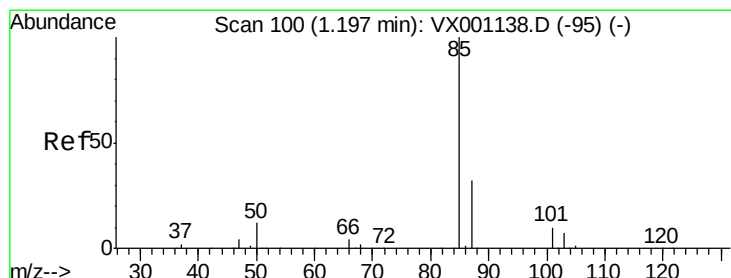
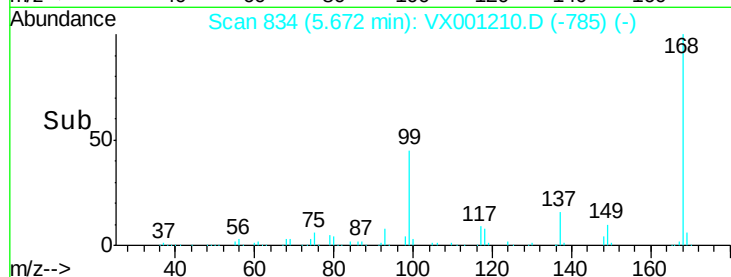


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 19.81 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001210.D

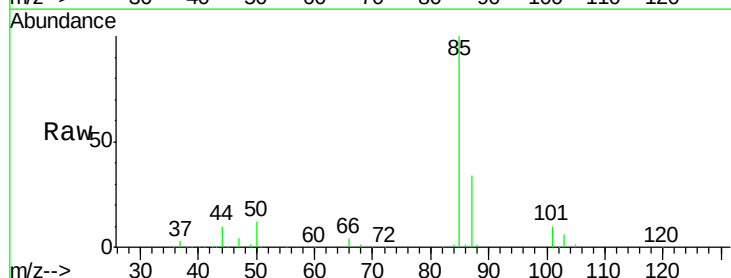
Acq: 28 Apr 2018 13:48

Tgt Ion: 85 Resp: 41742

Ion Ratio Lower Upper

85 100

87 34.2 15.9 47.6

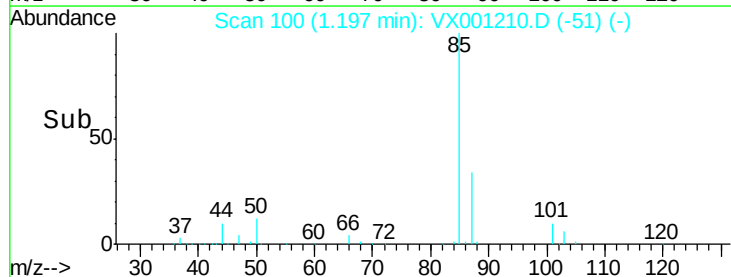


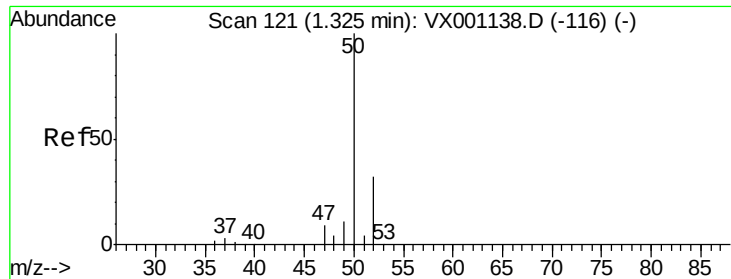
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 18.02 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

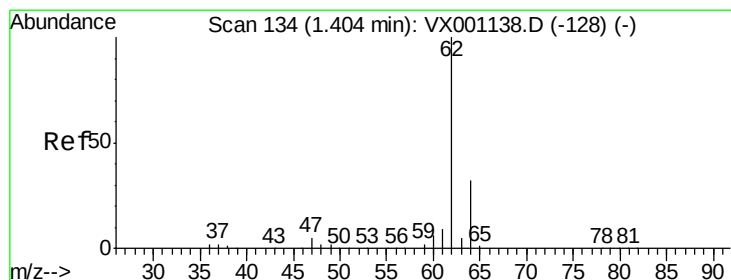
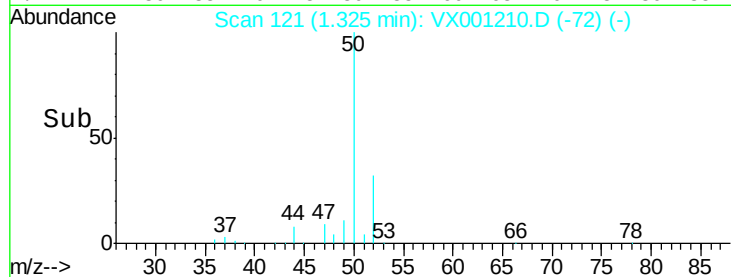
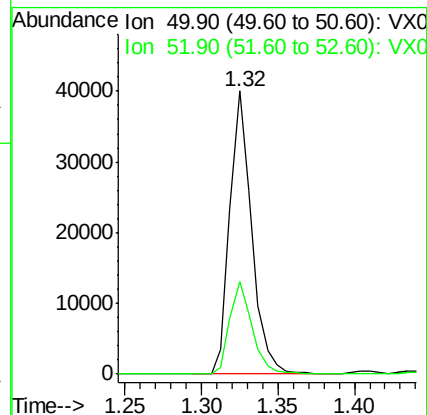
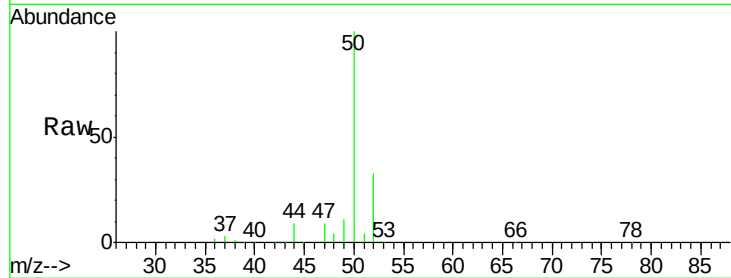
VX0428WBSD01

Tgt Ion: 50 Resp: 39764

Ion Ratio Lower Upper

50 100

52 32.5 25.9 38.9



#4

Vinyl Chloride

Concen: 18.58 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001210.D

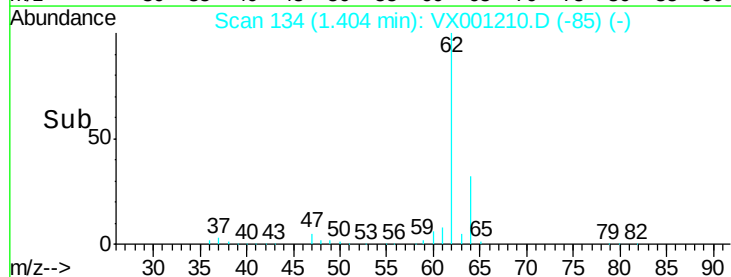
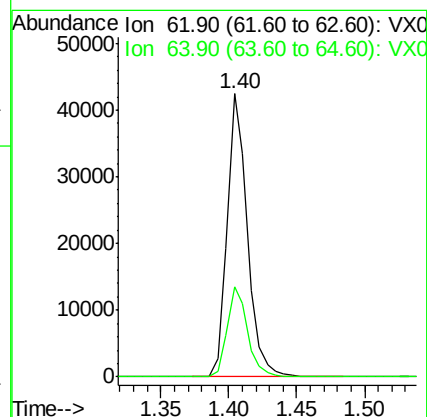
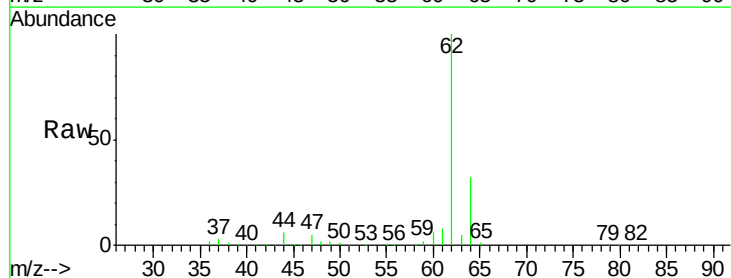
Acq: 28 Apr 2018 13:48

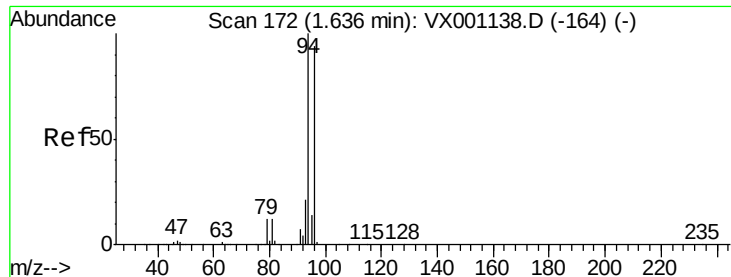
Tgt Ion: 62 Resp: 43507

Ion Ratio Lower Upper

62 100

64 31.7 25.6 38.4





#5

Bromomethane

Concen: 23.06 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

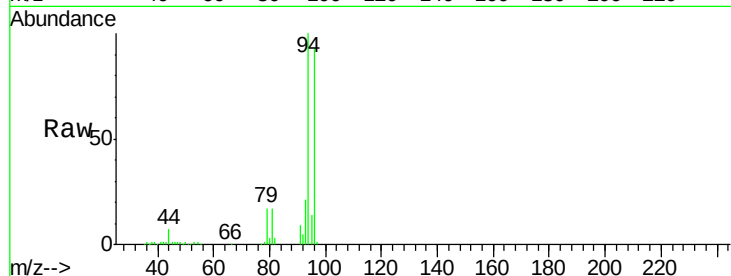
VX0428WBSD01

Tgt Ion: 94 Resp: 34763

Ion Ratio Lower Upper

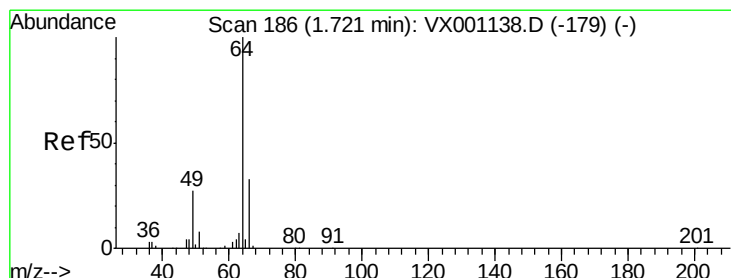
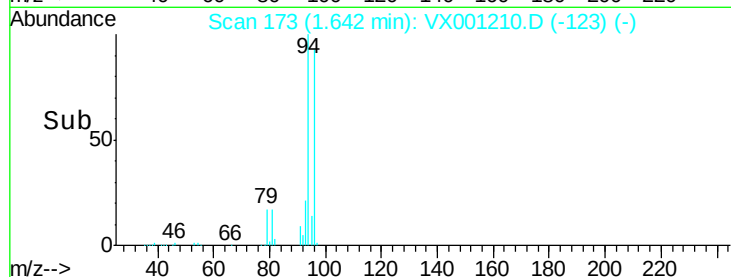
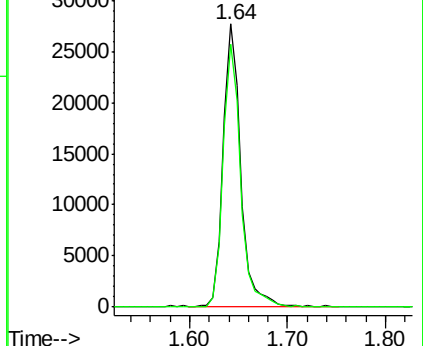
94 100

96 92.5 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.13 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001210.D

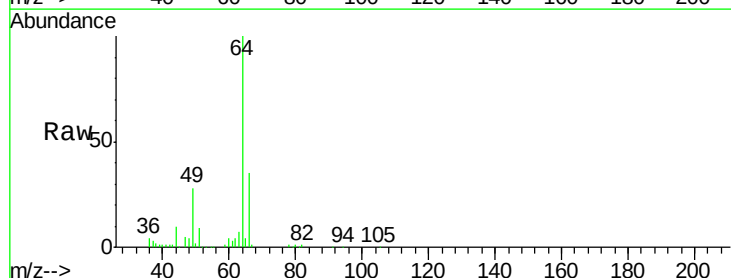
Acq: 28 Apr 2018 13:48

Tgt Ion: 64 Resp: 28194

Ion Ratio Lower Upper

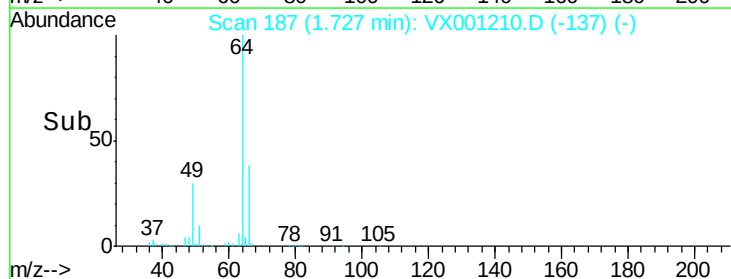
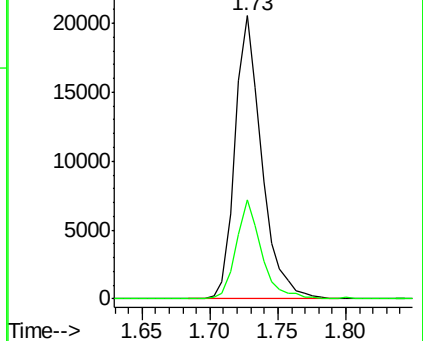
64 100

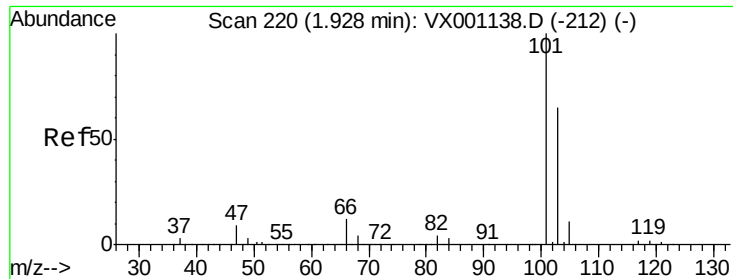
66 35.0 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



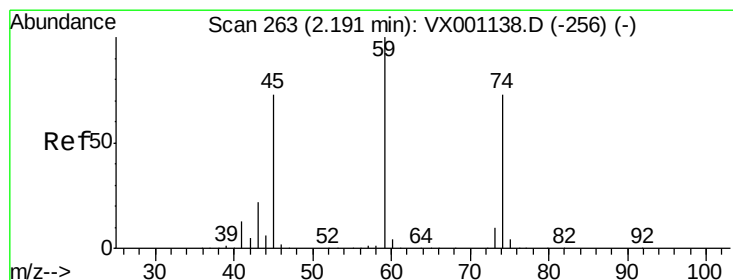
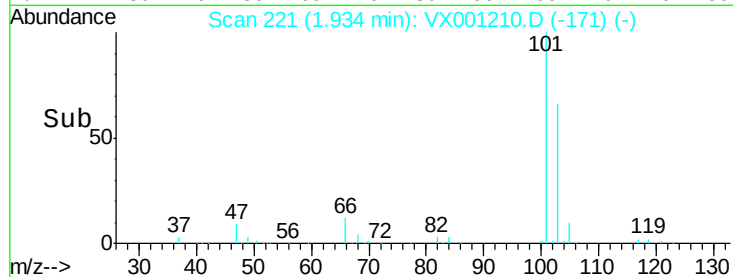
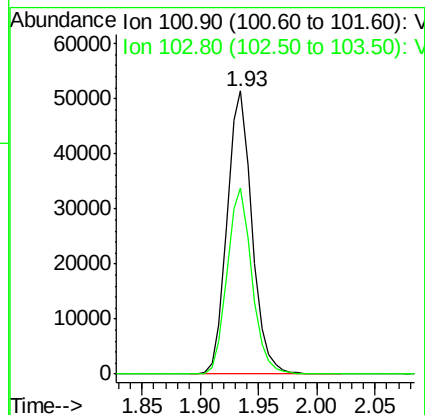
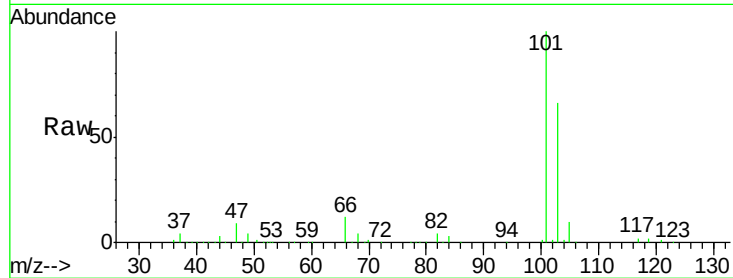


#7

Trichlorofluoromethane
 Concen: 20.19 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBSD01

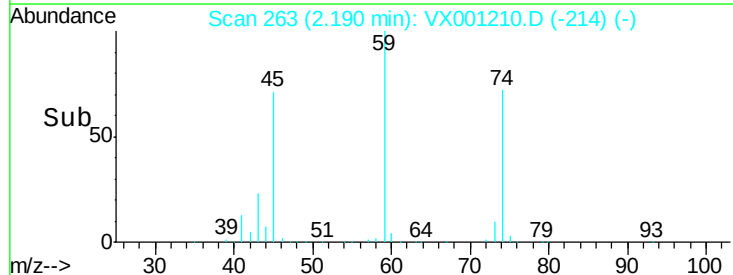
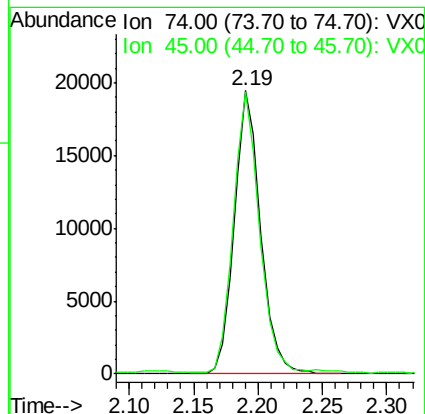
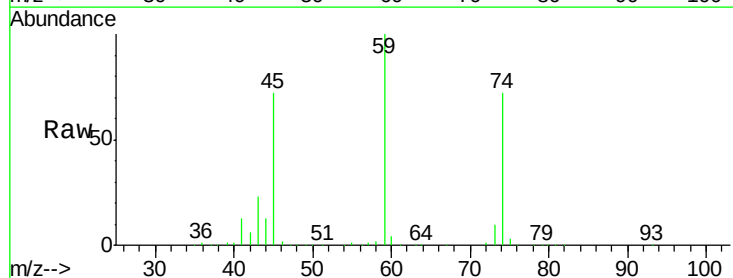
Tgt Ion:101 Resp: 76358
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.9 77.9

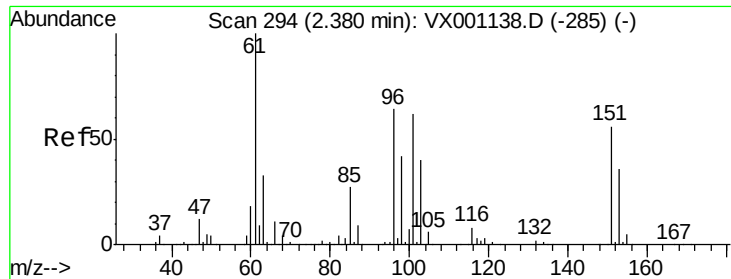


#8

Diethyl Ether
 Concen: 19.04 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

Tgt Ion: 74 Resp: 27692
 Ion Ratio Lower Upper
 74 100
 45 99.7 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.33 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD01

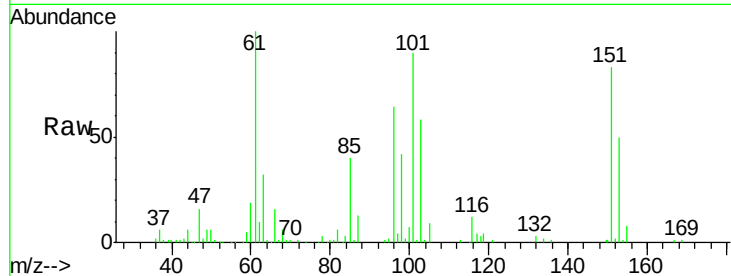
Tgt Ion:101 Resp: 44446

Ion Ratio Lower Upper

101 100

85 44.5 35.4 53.0

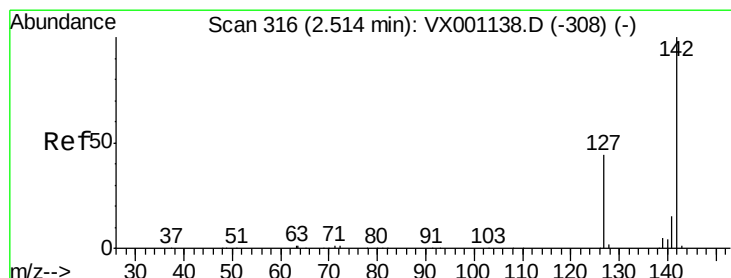
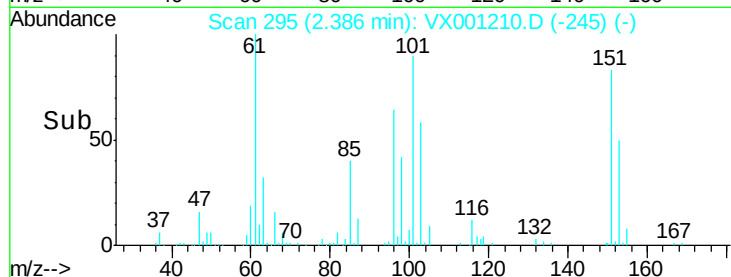
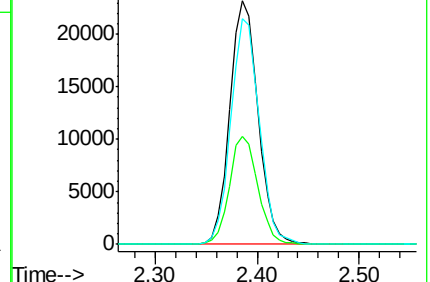
151 92.9 74.2 111.4



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: 20.52 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

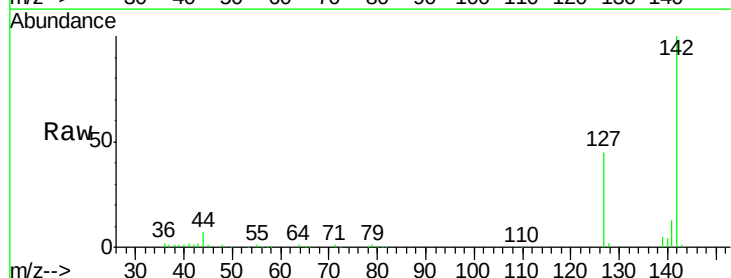
Tgt Ion:142 Resp: 33647

Ion Ratio Lower Upper

142 100

127 45.4 34.7 52.1

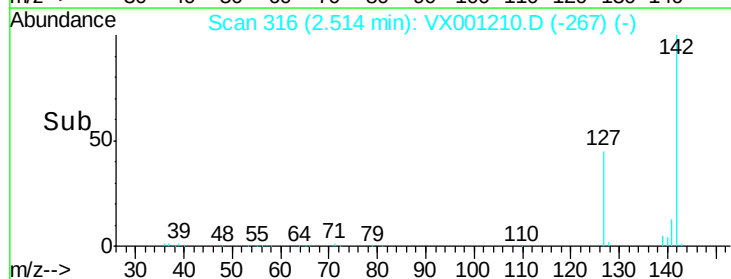
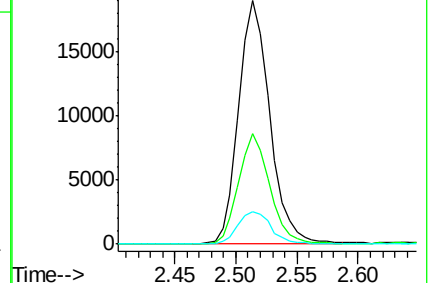
141 14.1 11.6 17.4

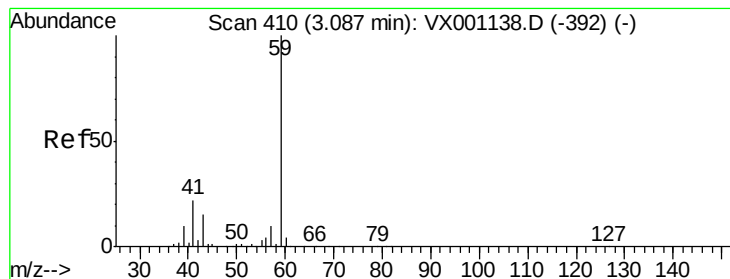


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 82.94 ug/l

RT: 3.07 min Scan# 407

Delta R.T. -0.02 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

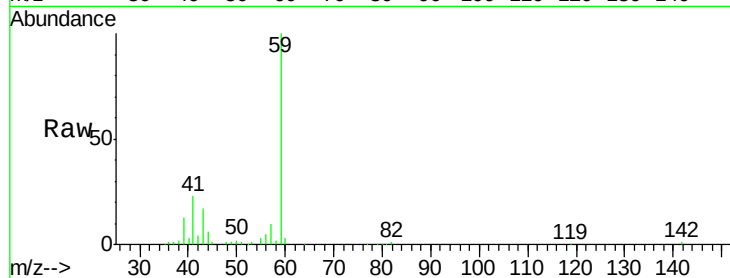
VX0428WBSD01

Tgt Ion: 59 Resp: 50950

Ion Ratio Lower Upper

59 100

57 11.5 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.07

25000

20000

15000

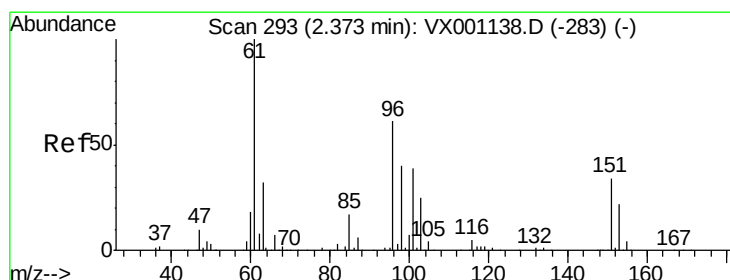
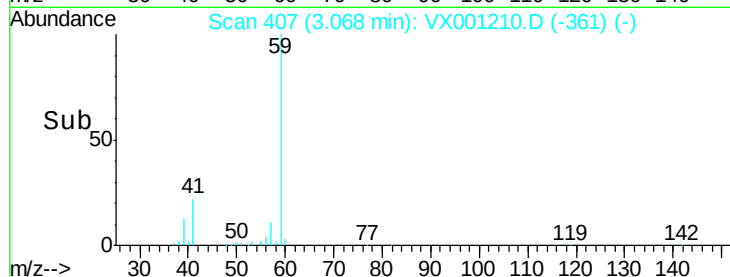
10000

5000

0

Time-->

3.00 3.10



#12

1,1-Dichloroethene

Concen: 18.77 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

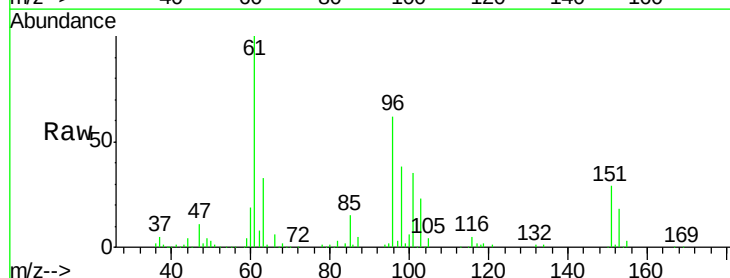
Tgt Ion: 96 Resp: 38152

Ion Ratio Lower Upper

96 100

61 162.1 130.2 195.4

98 61.5 51.5 77.3



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

50000

40000

30000

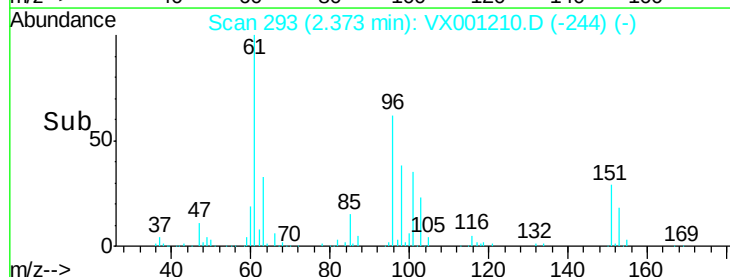
20000

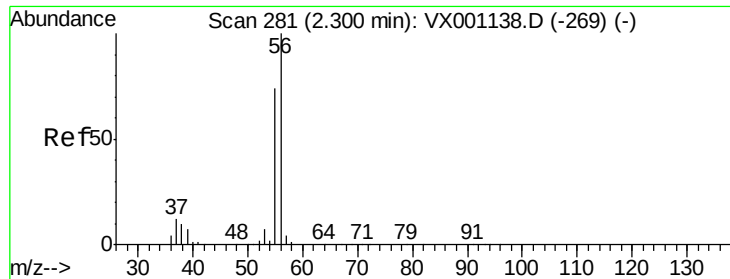
10000

0

Time-->

2.30 2.35 2.40 2.45





#13

Acrolein

Concen: 60.30 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

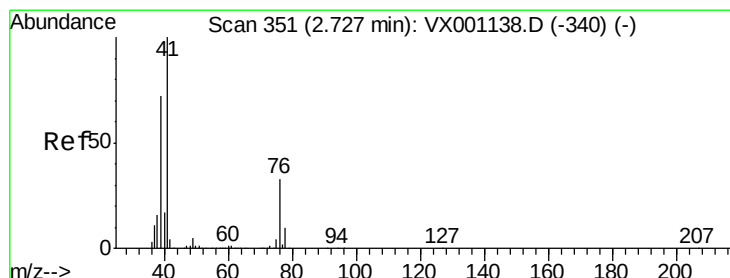
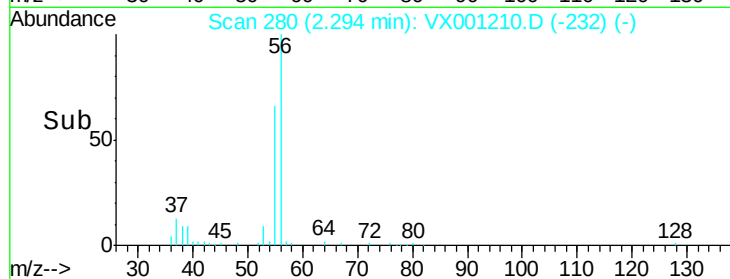
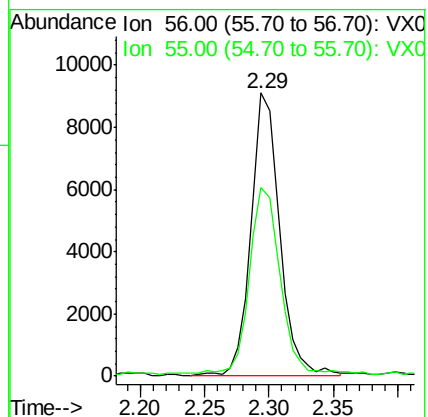
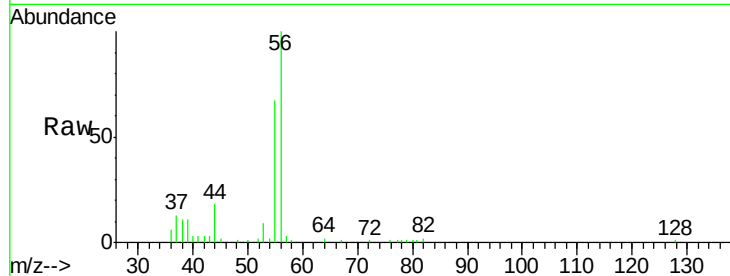
VX0428WBSD01

Tgt Ion: 56 Resp: 14004

Ion Ratio Lower Upper

56 100

55 72.0 57.2 85.8



#14

Allyl chloride

Concen: 19.31 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

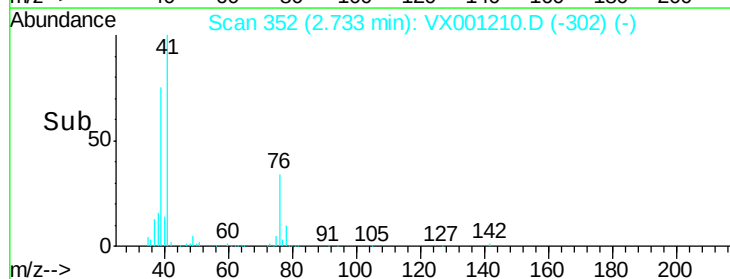
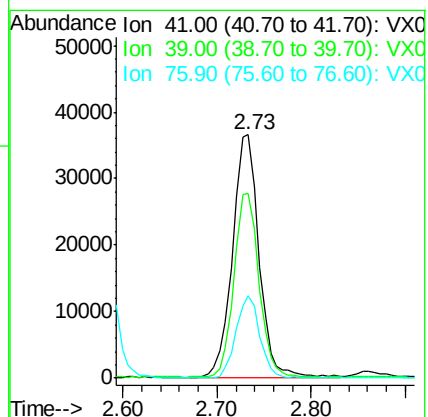
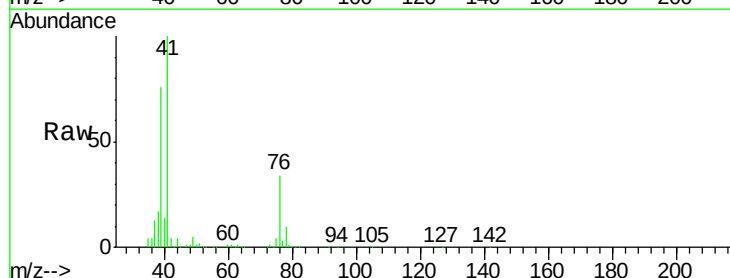
Tgt Ion: 41 Resp: 71570

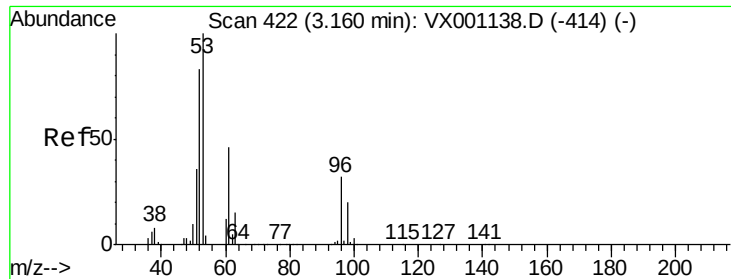
Ion Ratio Lower Upper

41 100

39 71.5 55.6 83.4

76 30.7 24.8 37.2





#15

Acrylonitrile

Concen: 86.90 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD01

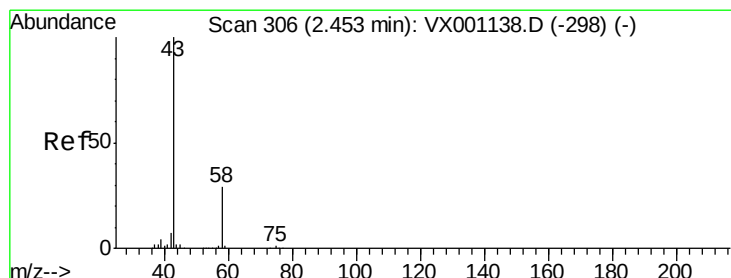
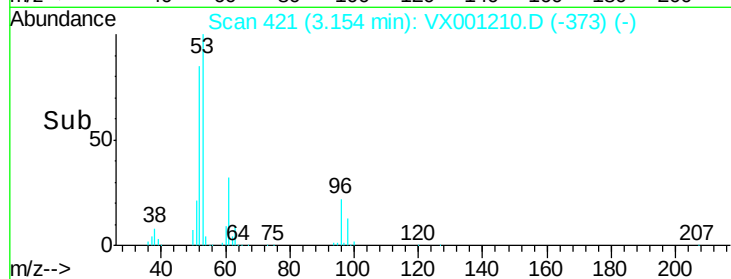
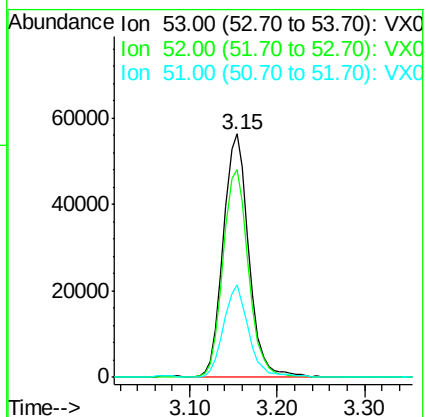
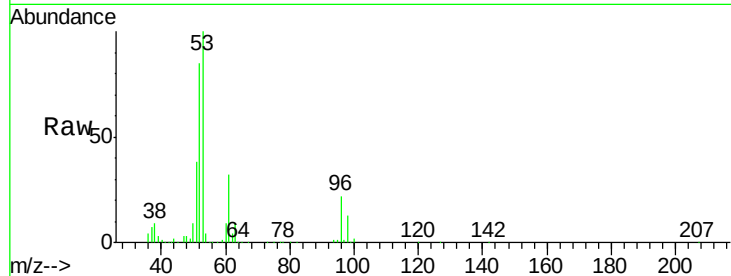
Tgt Ion: 53 Resp: 113987

Ion Ratio Lower Upper

53 100

52 84.7 66.5 99.7

51 37.5 29.5 44.3



#16

Acetone

Concen: 91.76 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001210.D

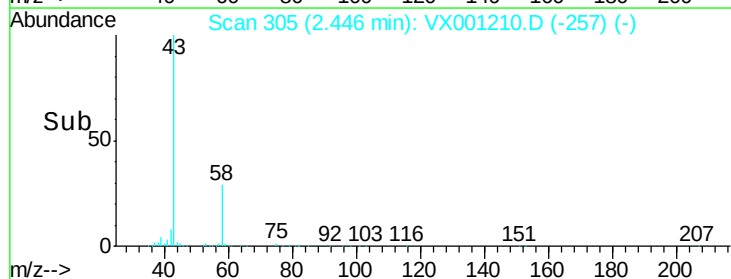
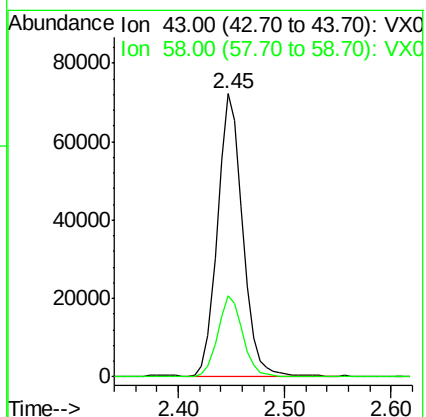
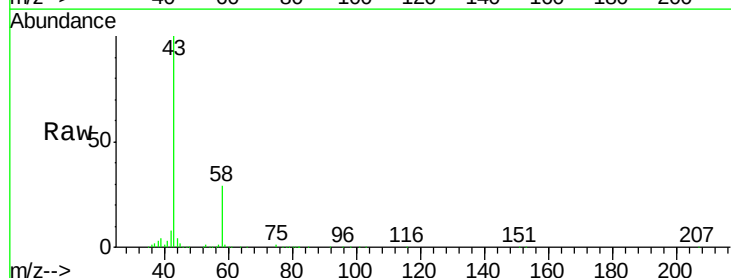
Acq: 28 Apr 2018 13:48

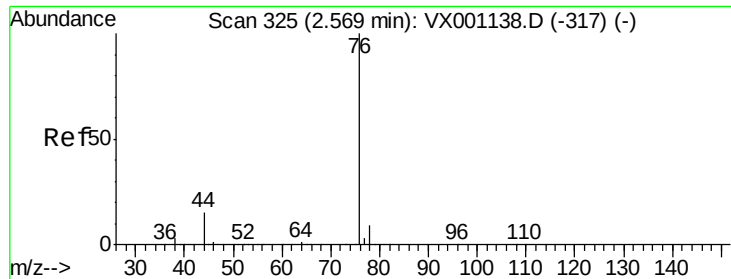
Tgt Ion: 43 Resp: 117539

Ion Ratio Lower Upper

43 100

58 28.9 23.0 34.6





#17

Carbon Disulfide

Concen: 17.90 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

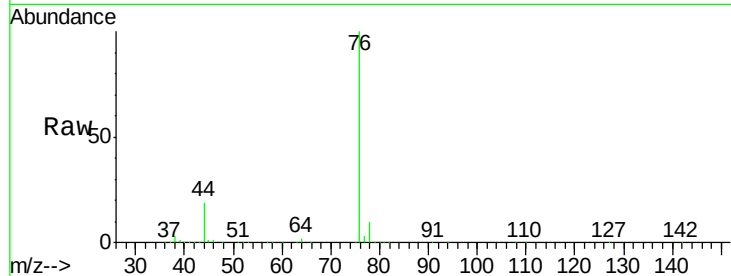
VX0428WBSD01

Tgt Ion: 76 Resp: 92820

Ion Ratio Lower Upper

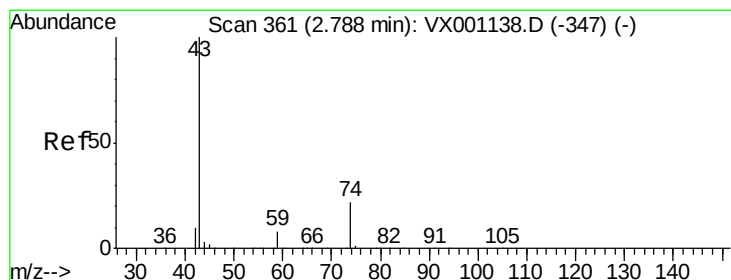
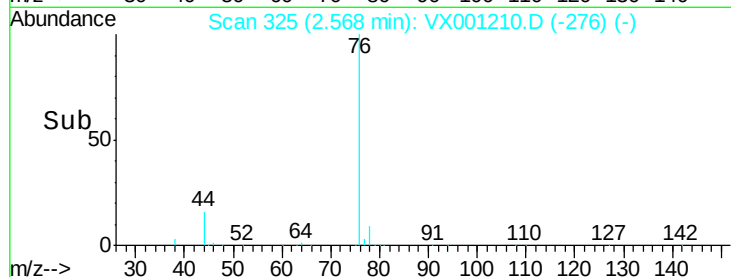
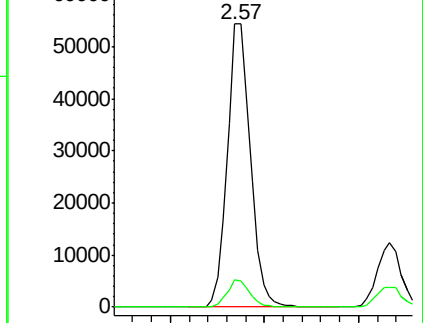
76 100

78 9.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.73 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX001210.D

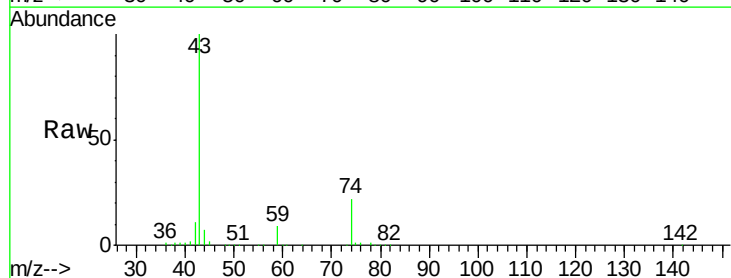
Acq: 28 Apr 2018 13:48

Tgt Ion: 43 Resp: 60043

Ion Ratio Lower Upper

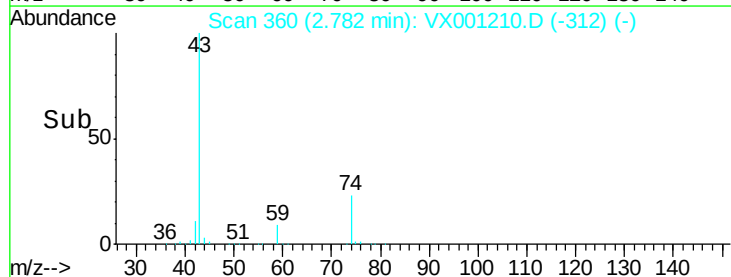
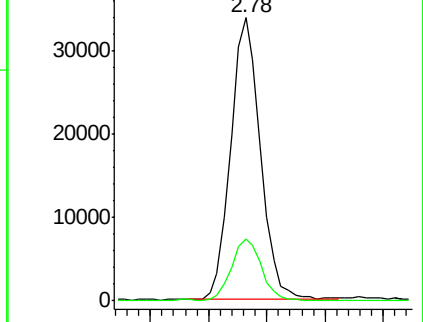
43 100

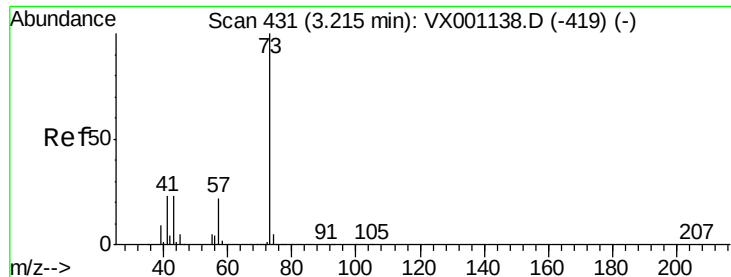
74 22.1 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

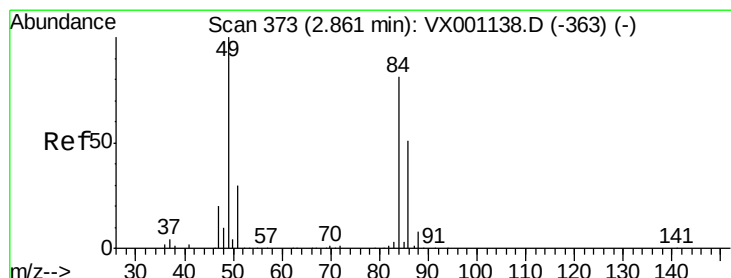
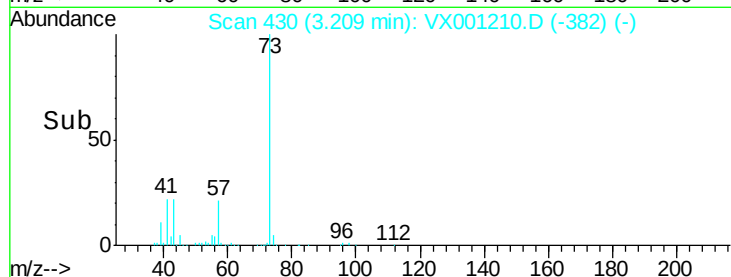
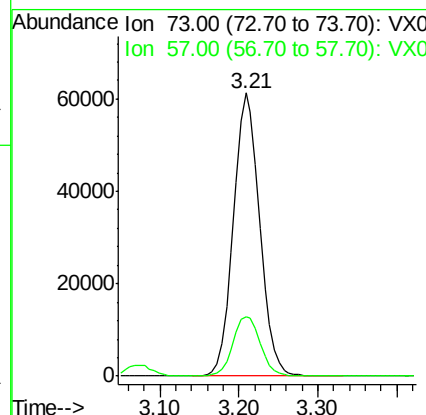
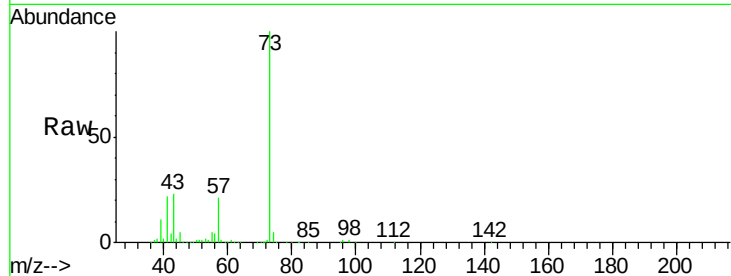




#19
Methyl tert-butyl Ether
Concen: 19.00 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

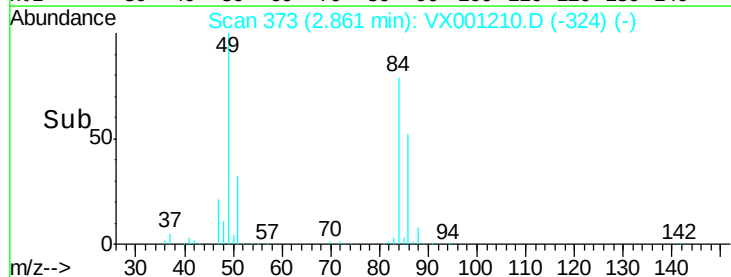
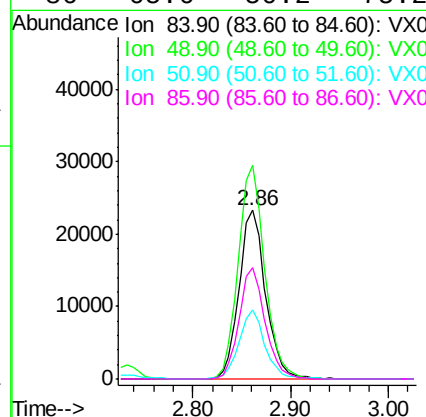
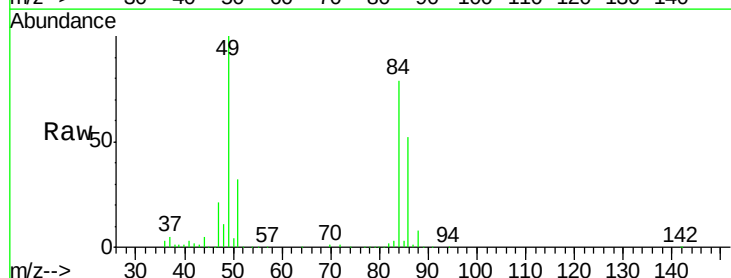
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD01

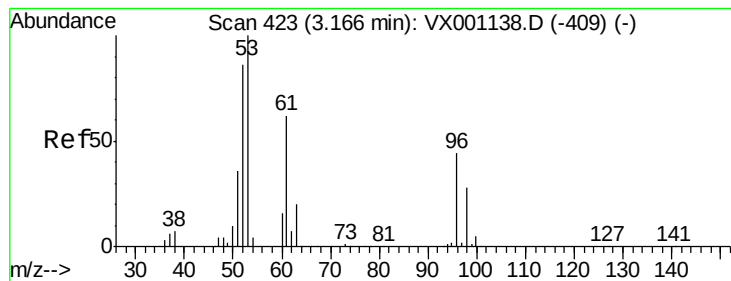
Tgt Ion: 73 Resp: 142169
Ion Ratio Lower Upper
73 100
57 20.9 17.7 26.5



#20
Methylene Chloride
Concen: 18.49 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Tgt Ion: 84 Resp: 44112
Ion Ratio Lower Upper
84 100
49 126.6 99.2 148.8
51 40.4 29.5 44.3
86 65.6 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 18.84 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD01

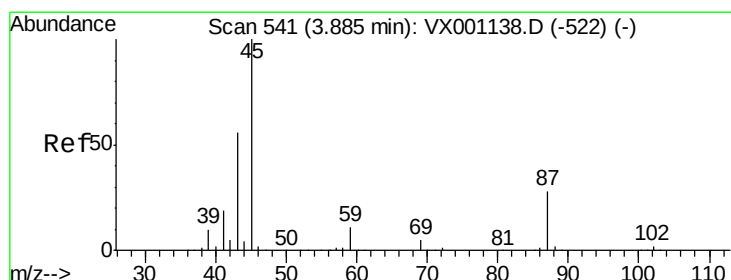
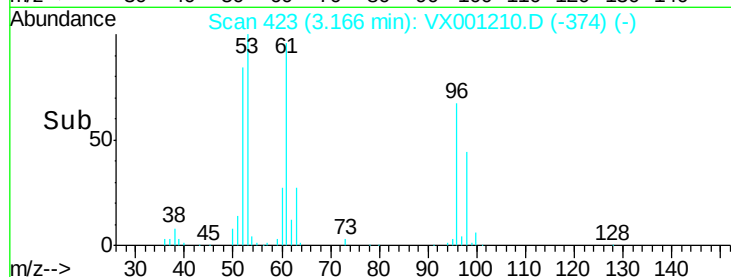
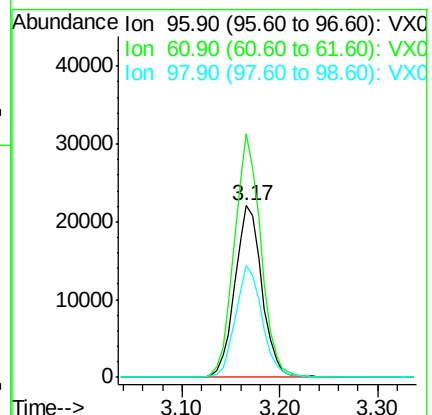
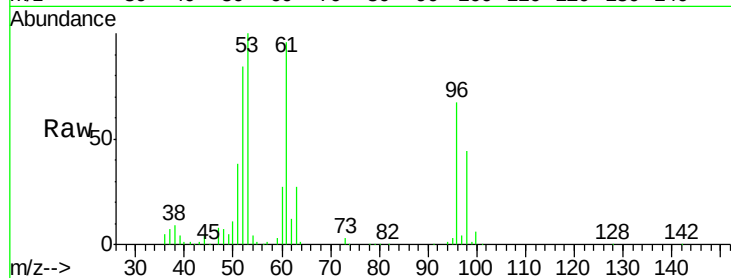
Tgt Ion: 96 Resp: 42313

Ion Ratio Lower Upper

96 100

61 142.0 111.9 167.9

98 65.3 51.1 76.7



#22

Diisopropyl ether

Concen: 17.94 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Tgt Ion: 45 Resp: 133091

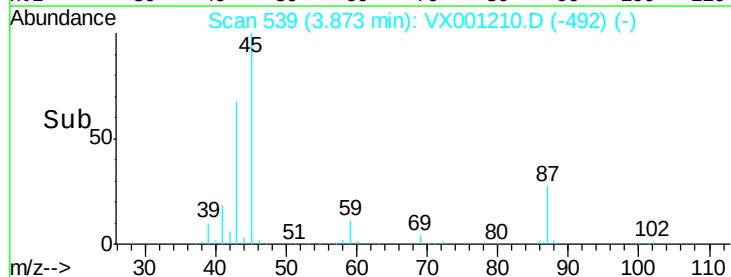
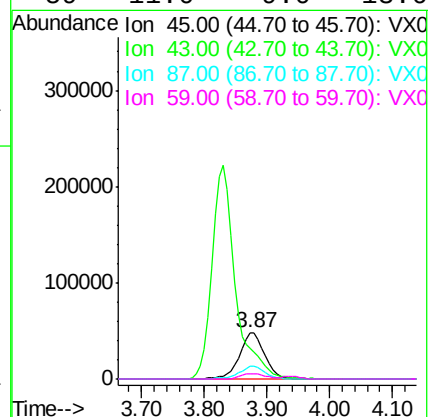
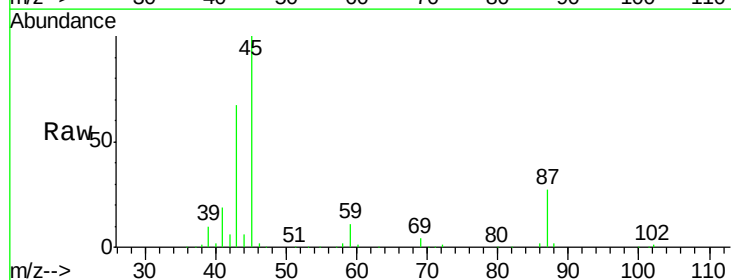
Ion Ratio Lower Upper

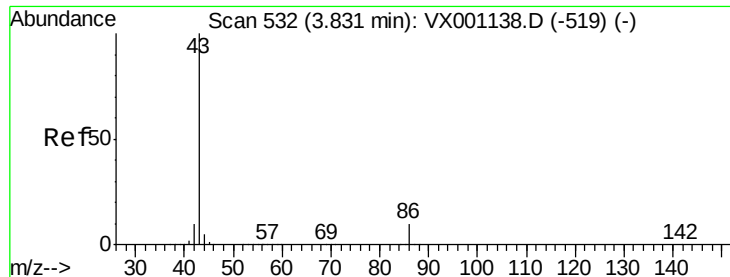
45 100

43 66.8 45.0 67.4

87 27.3 22.8 34.2

59 11.0 9.0 13.6





#23

Vinyl Acetate

Concen: 91.33 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

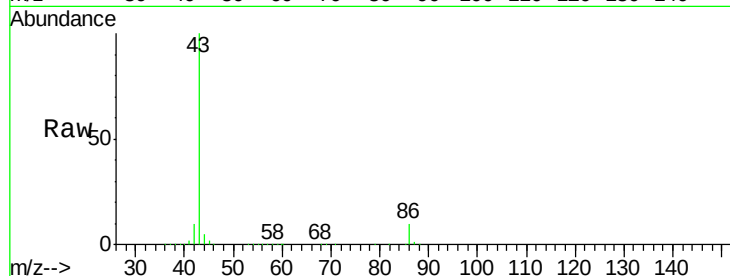
VX0428WBSD01

Tgt Ion: 43 Resp: 574698

Ion Ratio Lower Upper

43 100

86 10.4 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

250000

200000

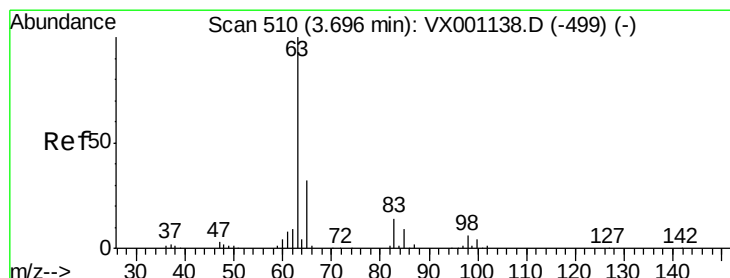
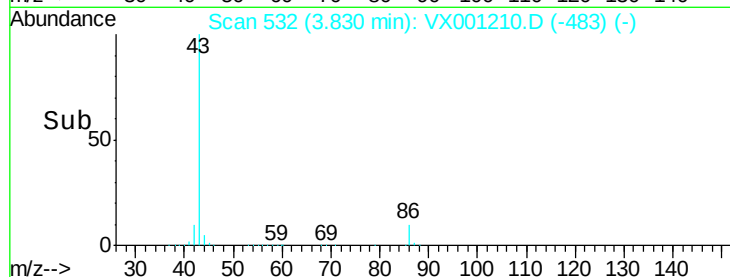
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.86 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

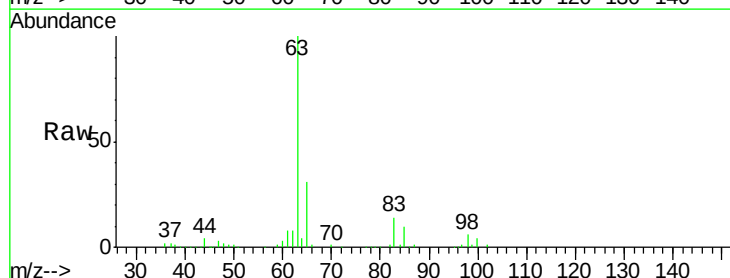
Tgt Ion: 63 Resp: 77440

Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.4

100 4.0 2.1 6.5



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

40000

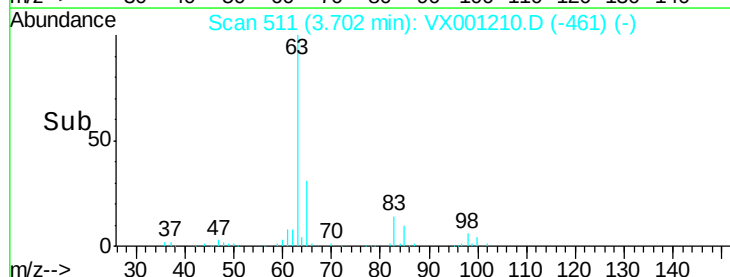
30000

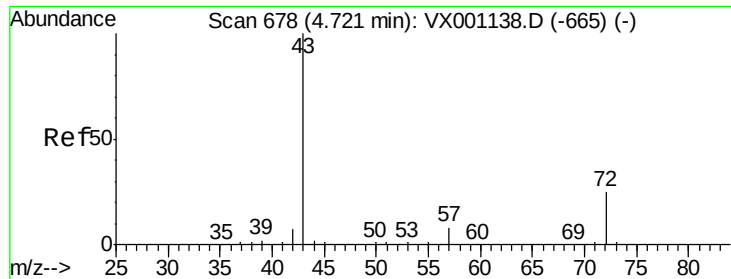
20000

10000

0

Time-->





#25

2-Butanone

Concen: 84.32 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

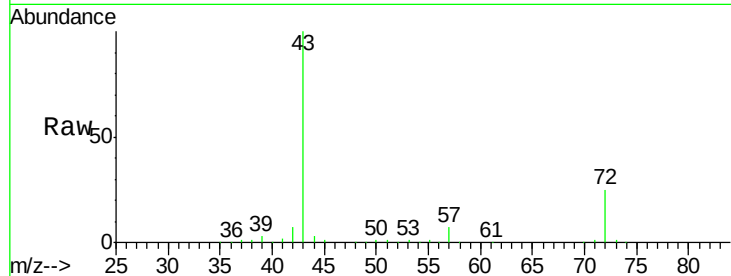
VX0428WBSD01

Tgt Ion: 43 Resp: 161617

Ion Ratio Lower Upper

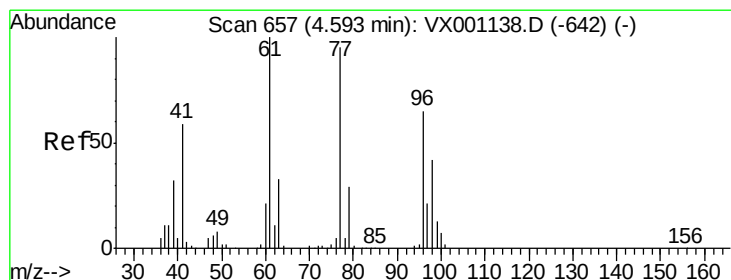
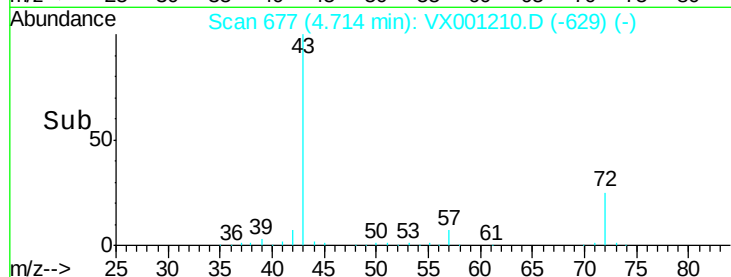
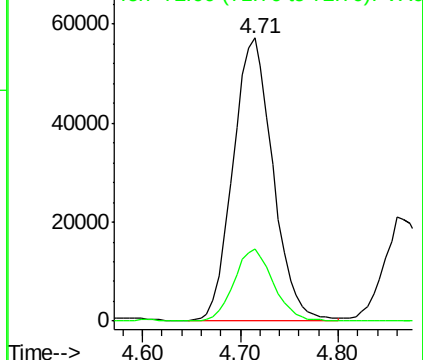
43 100

72 25.4 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.65 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001210.D

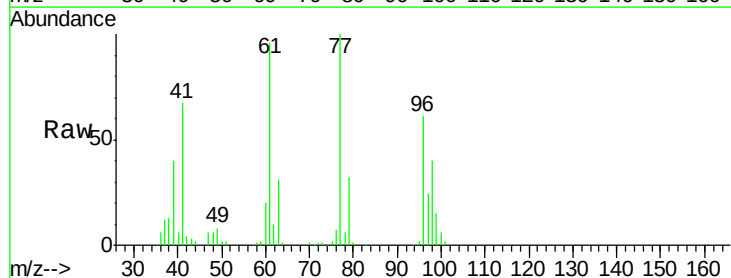
Acq: 28 Apr 2018 13:48

Tgt Ion: 77 Resp: 57241

Ion Ratio Lower Upper

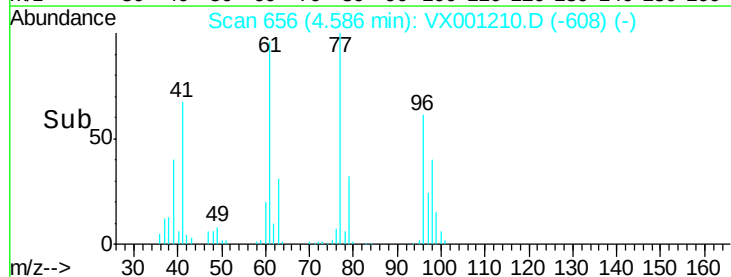
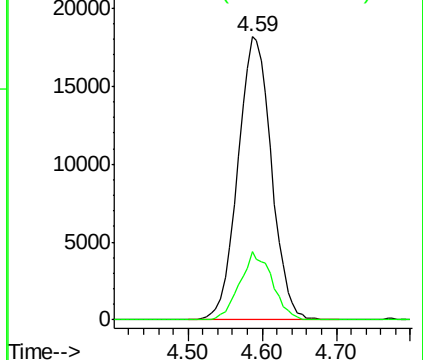
77 100

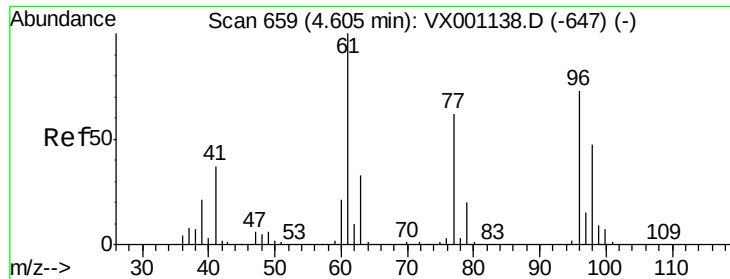
97 23.3 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 19.24 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD01

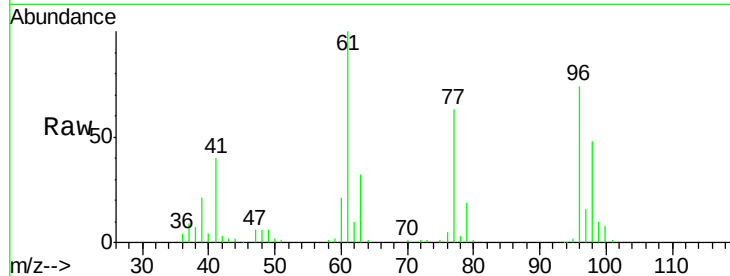
Tgt Ion: 96 Resp: 47332

Ion Ratio Lower Upper

96 100

61 140.3 0.0 289.0

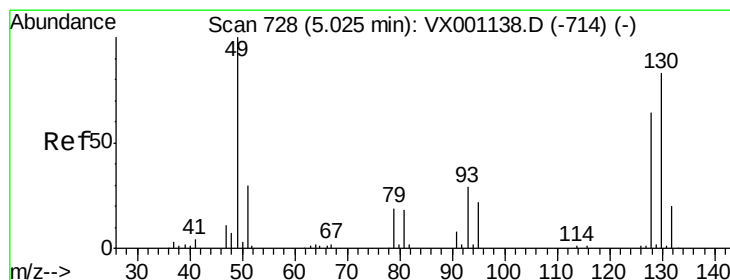
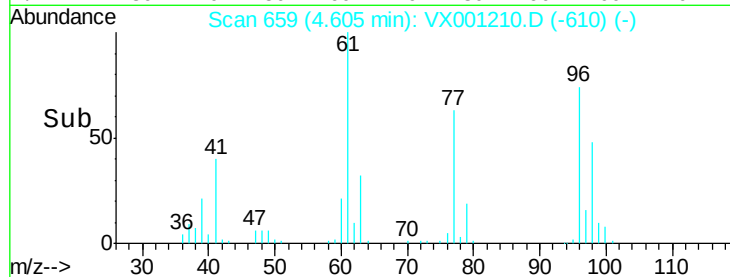
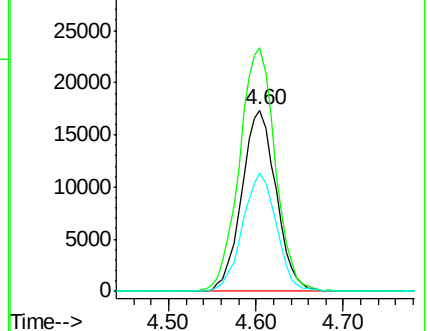
98 64.3 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 20.79 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

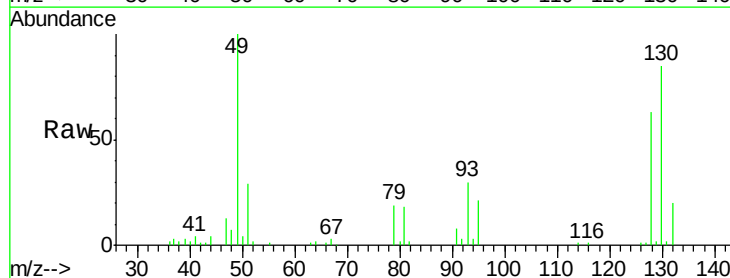
Tgt Ion: 49 Resp: 36338

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

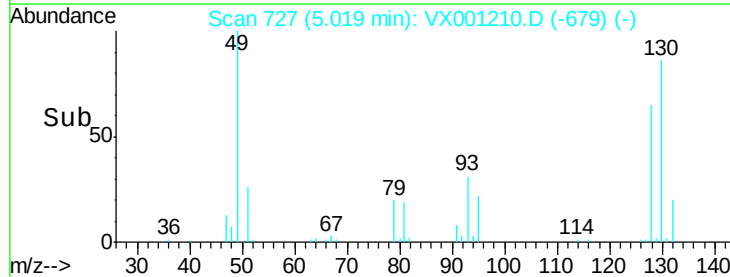
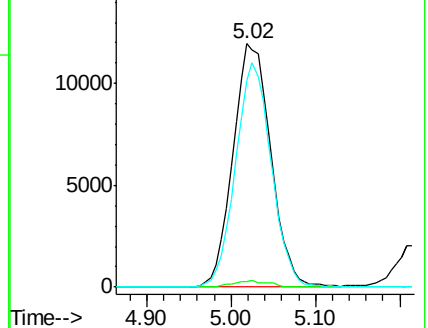
130 87.1 68.2 102.2

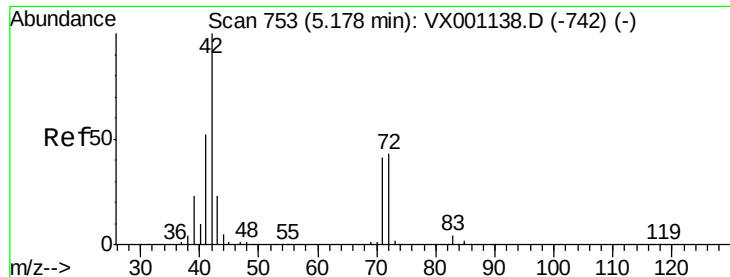


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

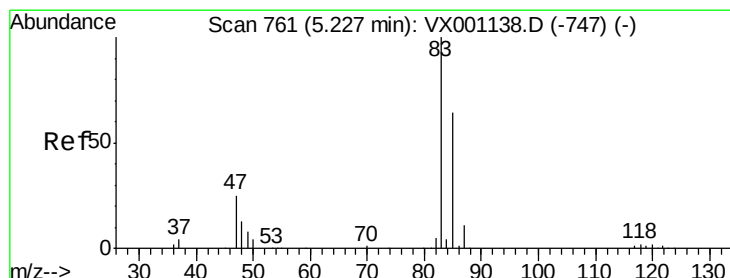
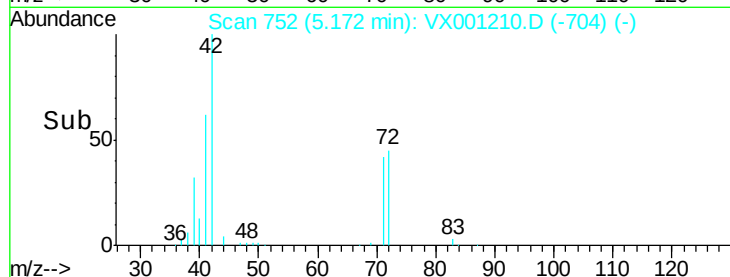
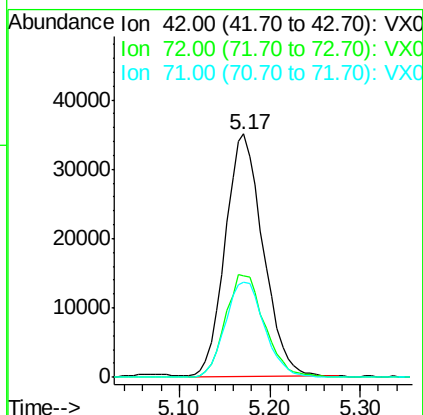
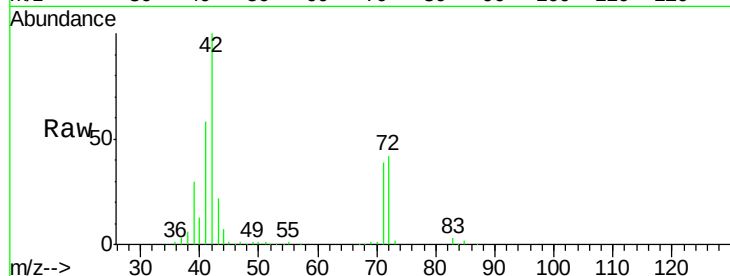




#29
Tetrahydrofuran
Concen: 82.29 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

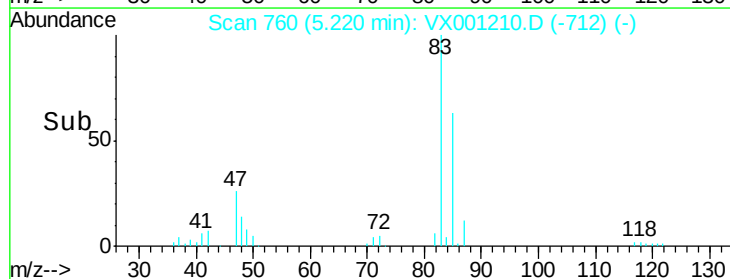
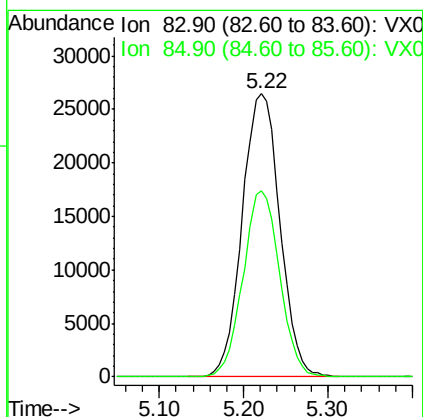
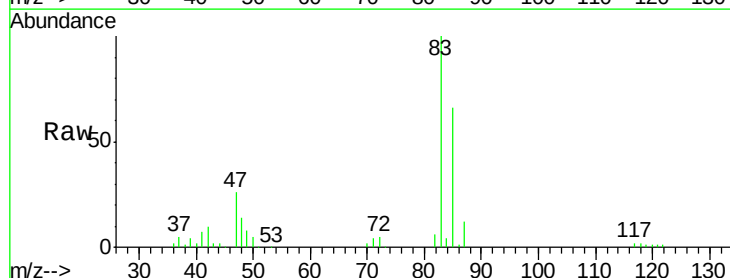
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD01

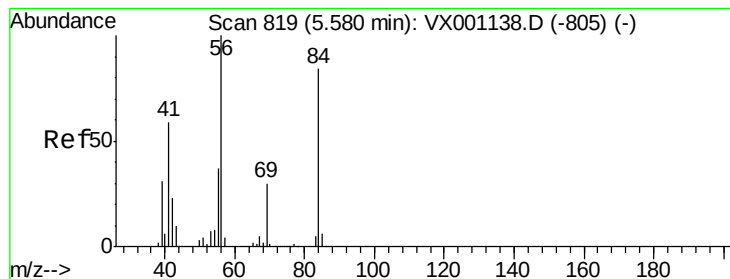
Tgt Ion: 42 Resp: 101408
Ion Ratio Lower Upper
42 100
72 44.1 34.4 51.6
71 41.1 32.1 48.1



#30
Chloroform
Concen: 19.36 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Tgt Ion: 83 Resp: 80265
Ion Ratio Lower Upper
83 100
85 65.7 51.4 77.0





#31

Cyclohexane

Concen: 19.86 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampled :

VX0428WBSD01

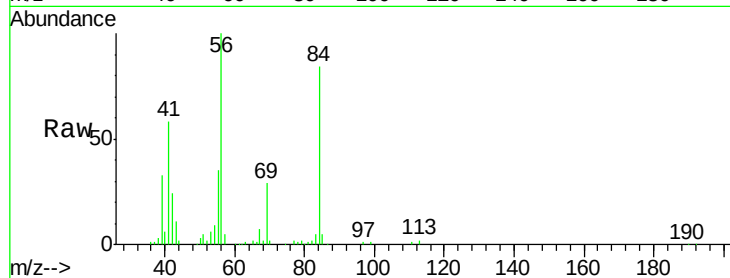
Tgt Ion: 56 Resp: 65792

Ion Ratio Lower Upper

56 100

69 29.1 24.2 36.2

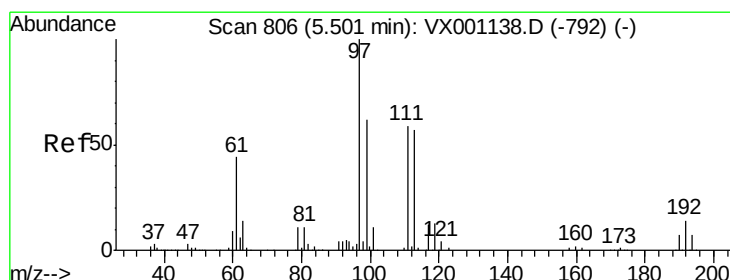
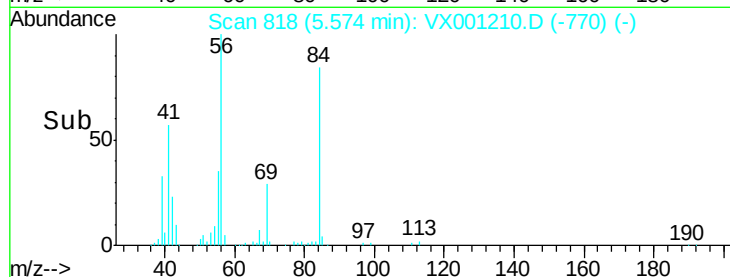
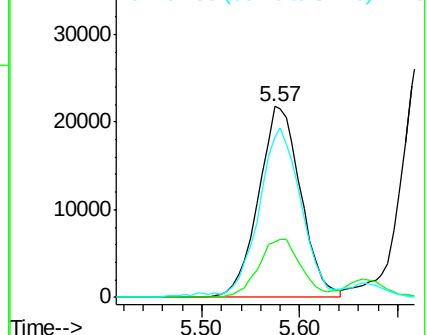
84 83.0 67.5 101.3



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: 19.24 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

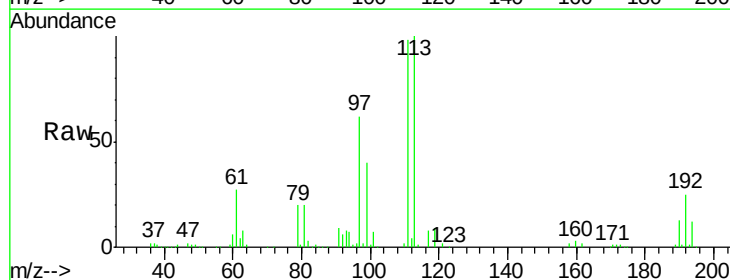
Tgt Ion: 97 Resp: 68853

Ion Ratio Lower Upper

97 100

99 63.2 50.9 76.3

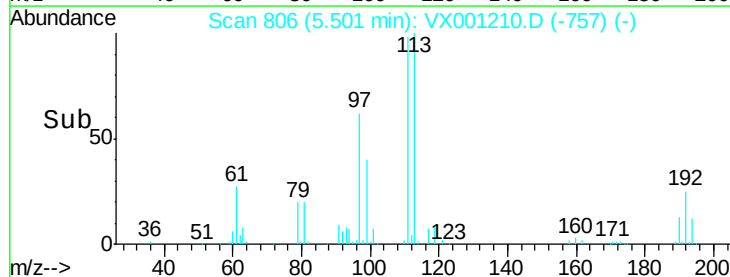
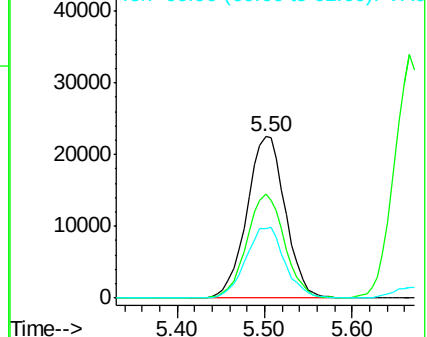
61 44.3 35.0 52.6

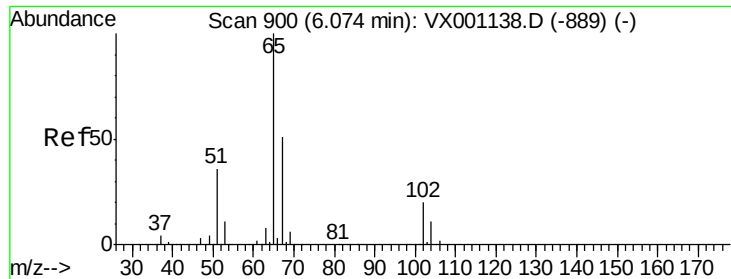


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

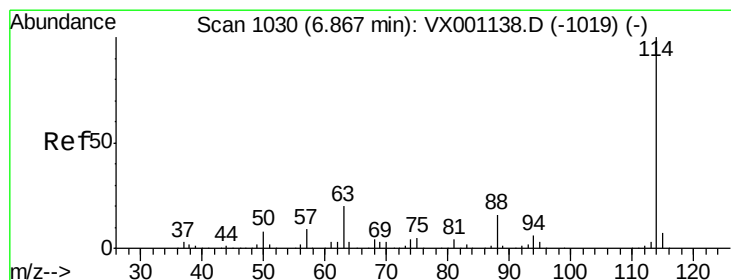
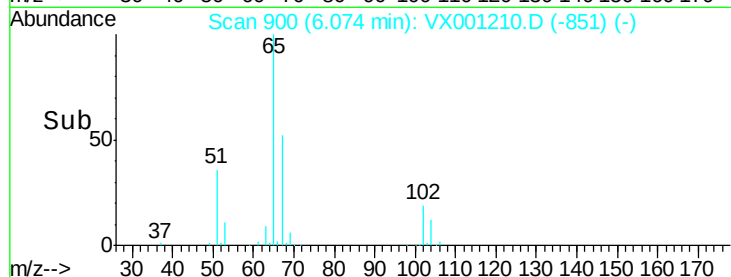
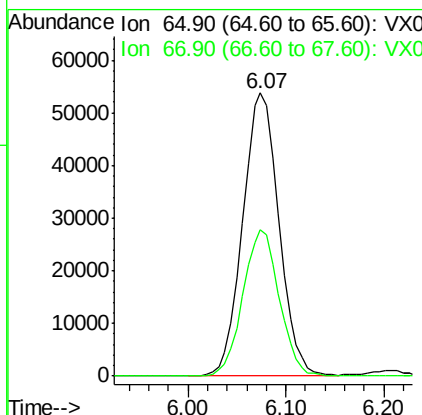
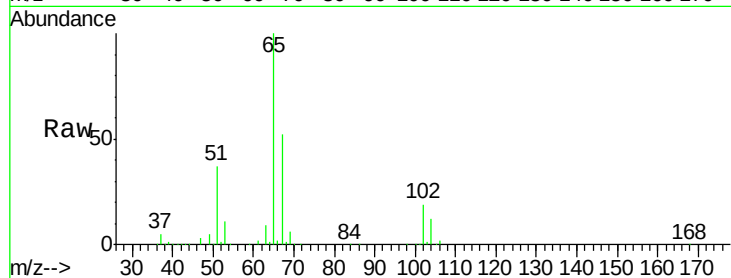




#33
 1,2-Dichloroethane-d4
 Concen: 44.33 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

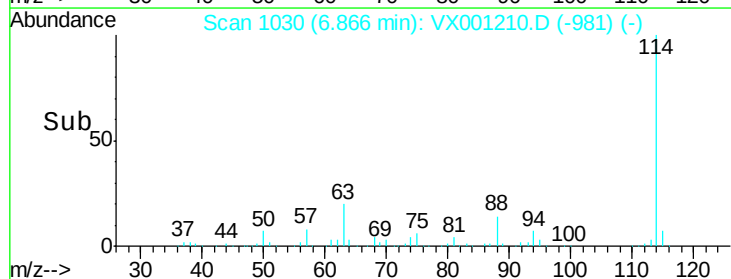
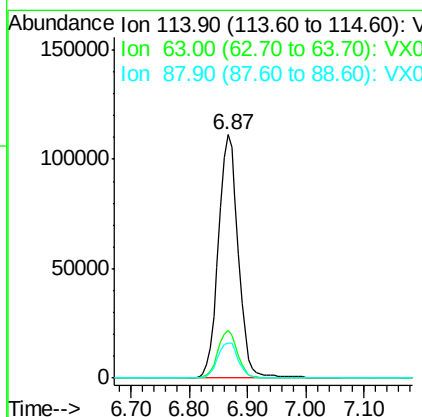
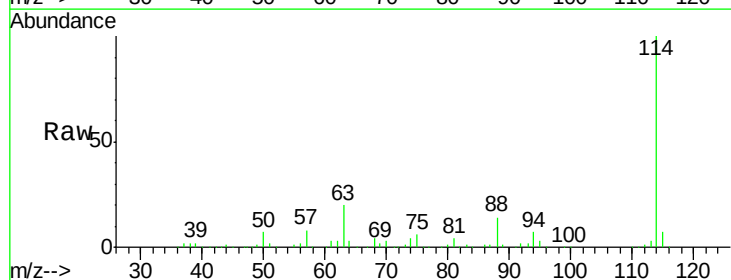
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBSD01

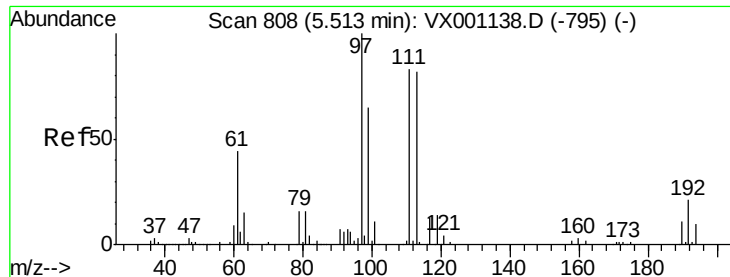
Tgt Ion: 65 Resp: 138097
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

Tgt Ion: 114 Resp: 263374
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.4
 88 14.5 0.0 31.8

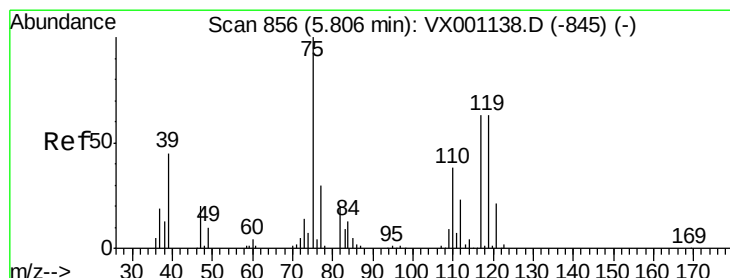
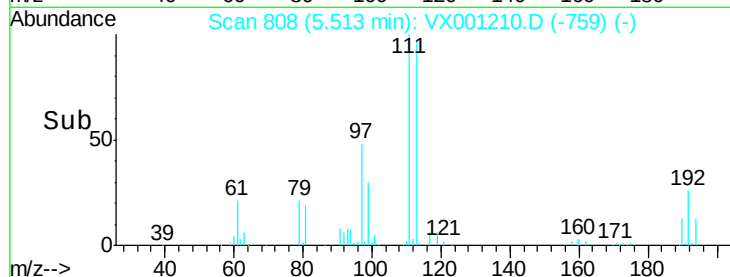
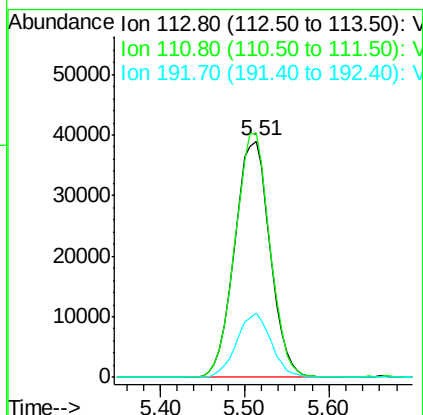
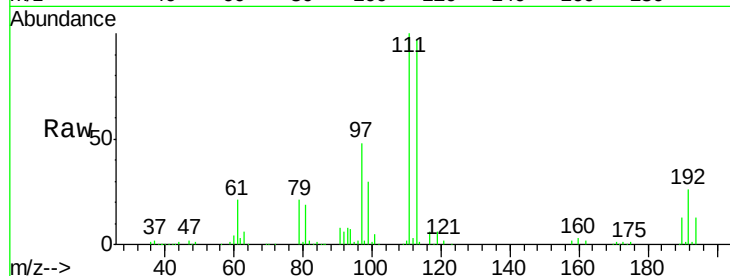




#35
 Dibromofluoromethane
 Concen: 50.96 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

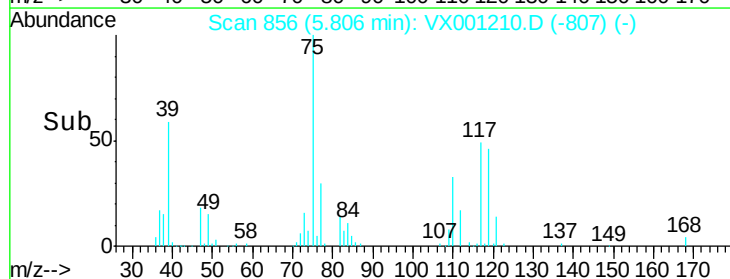
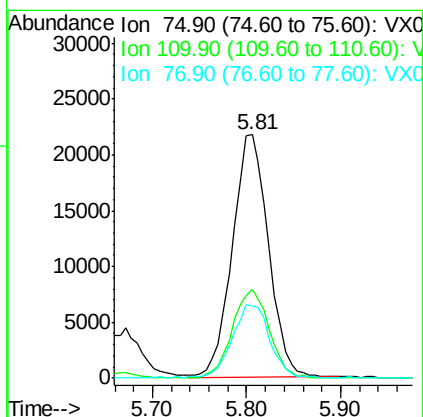
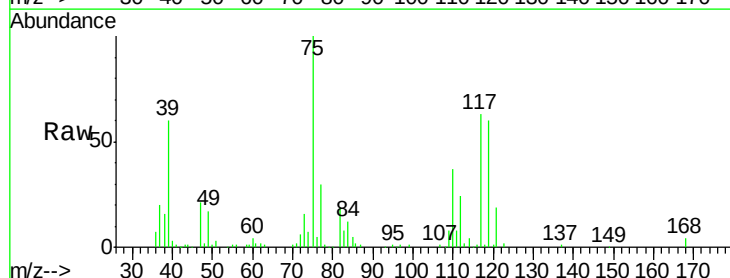
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBSD01

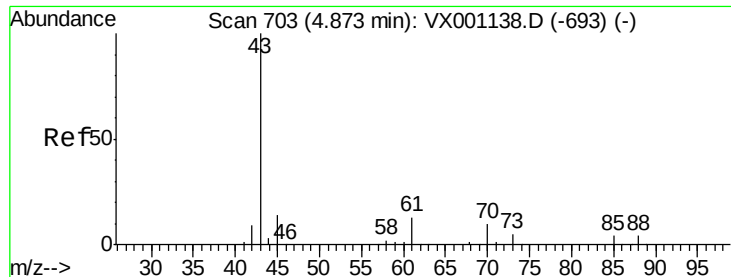
Tgt Ion:113 Resp: 111081
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.2 123.4
 192 26.2 20.6 30.8



#36
 1,1-Dichloropropene
 Concen: 20.00 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

Tgt Ion: 75 Resp: 58045
 Ion Ratio Lower Upper
 75 100
 110 37.3 19.0 57.0
 77 31.3 24.8 37.2

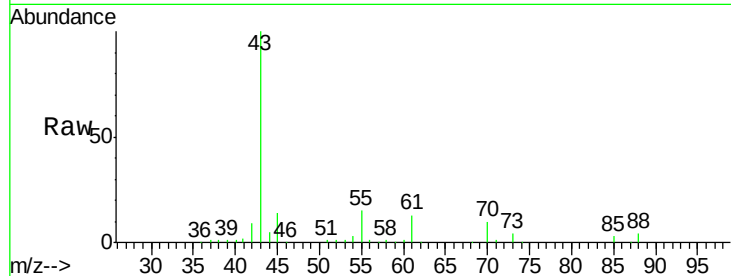




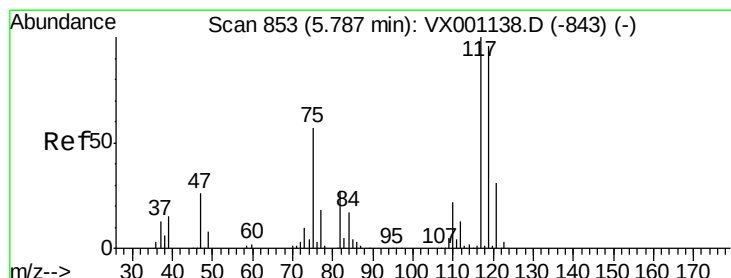
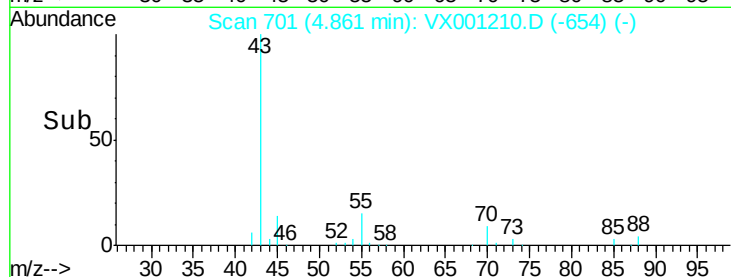
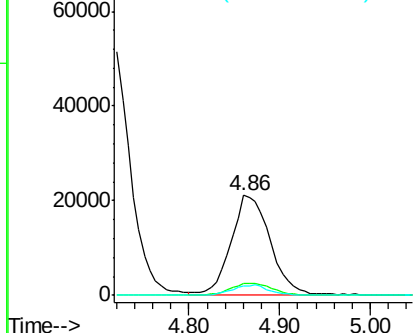
#37
Ethyl Acetate
Concen: 17.82 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD01

Tgt Ion: 43 Resp: 61933
Ion Ratio Lower Upper
43 100
61 13.3 11.0 16.6
70 9.9 8.2 12.2

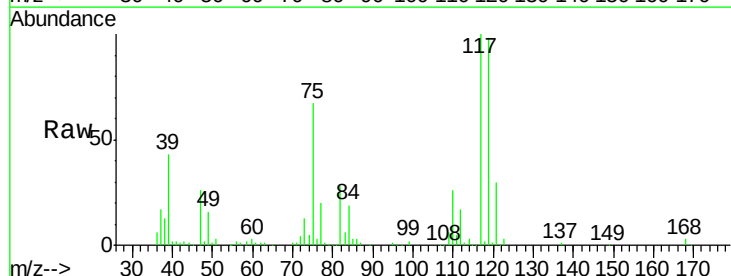


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

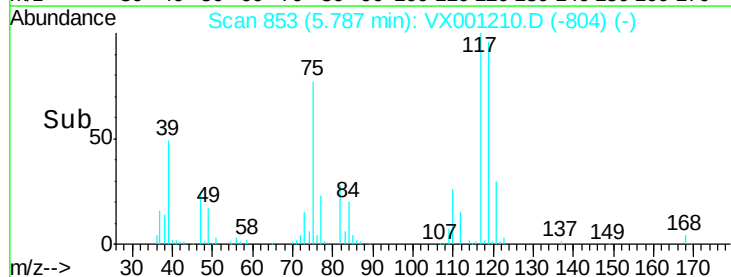
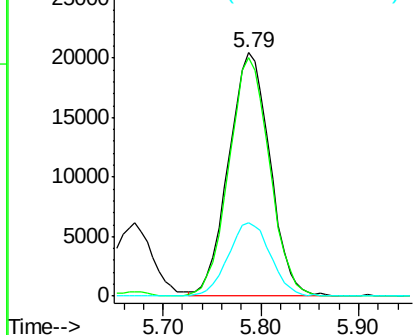


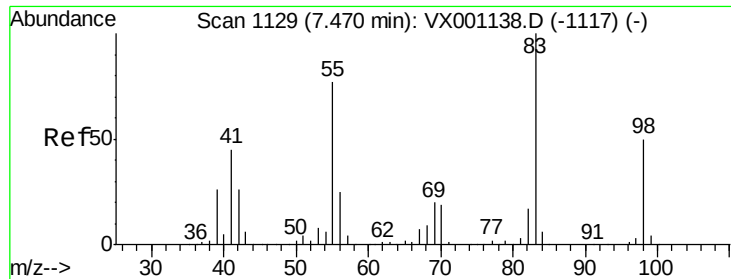
#38
Carbon Tetrachloride
Concen: 19.99 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Tgt Ion: 117 Resp: 59478
Ion Ratio Lower Upper
117 100
119 98.1 76.5 114.7
121 30.4 24.6 37.0



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

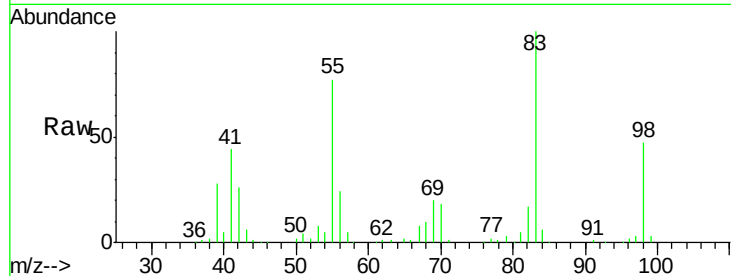




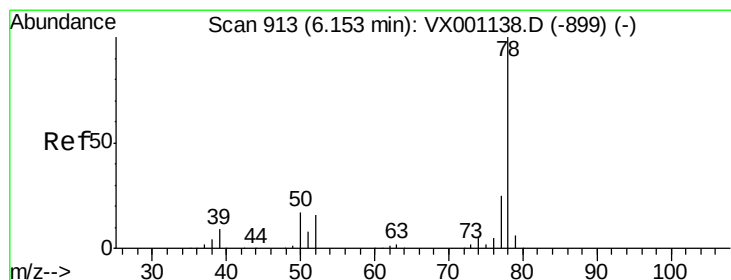
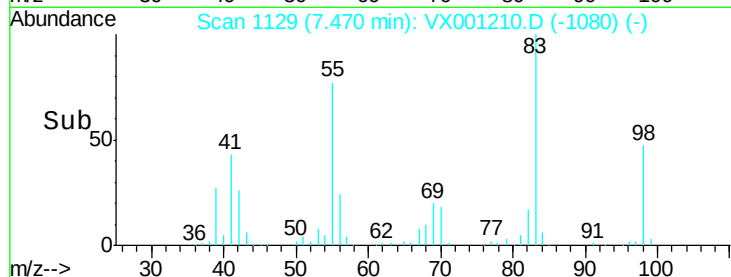
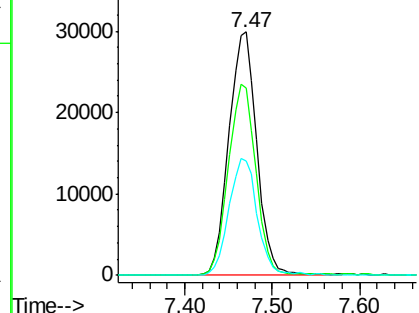
#39
Methylcyclohexane
Concen: 20.81 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD01

Tgt Ion: 83 Resp: 66849
Ion Ratio Lower Upper
83 100
55 76.9 61.8 92.6
98 46.7 40.0 60.0

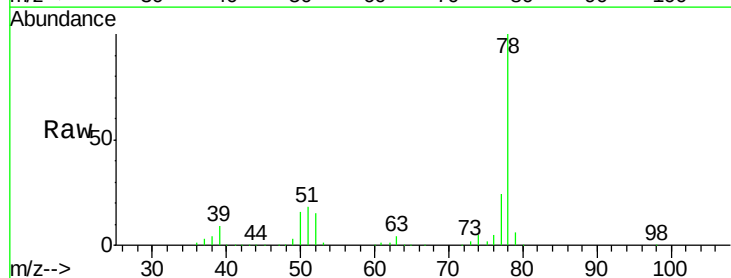


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

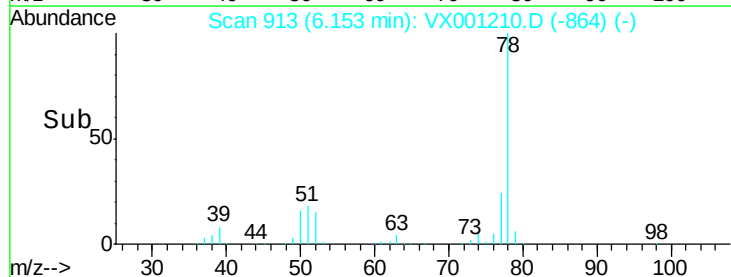
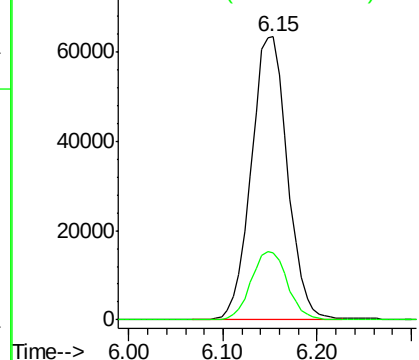


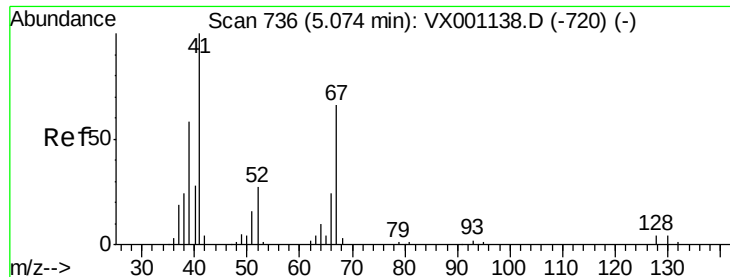
#40
Benzene
Concen: 20.28 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Tgt Ion: 78 Resp: 170228
Ion Ratio Lower Upper
78 100
77 23.9 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

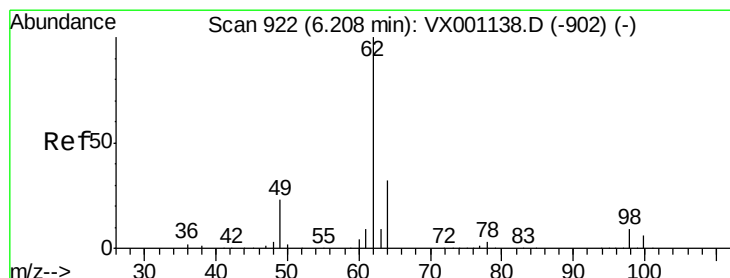
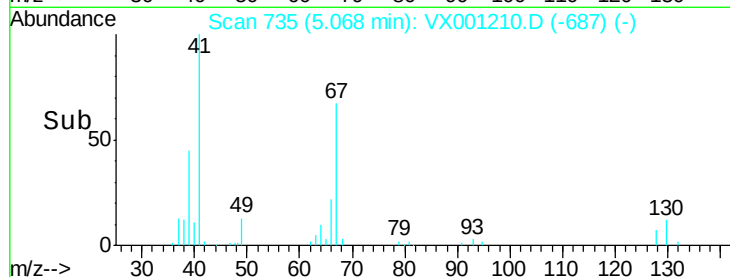
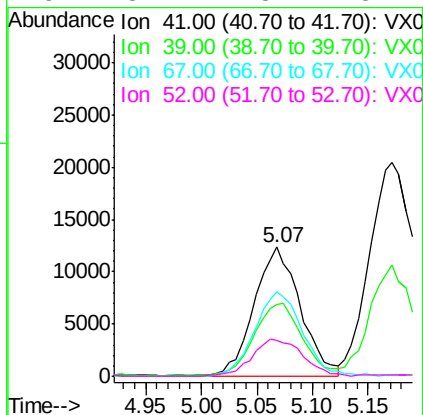
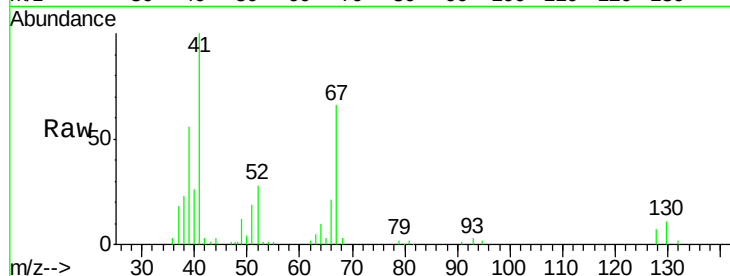




#41
Methacrylonitrile
Concen: 18.34 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

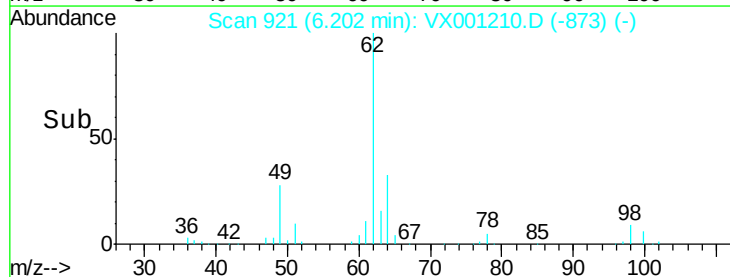
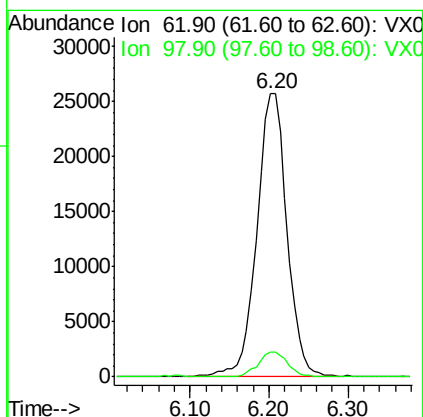
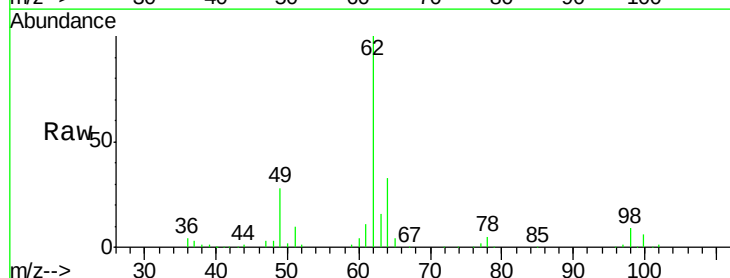
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD01

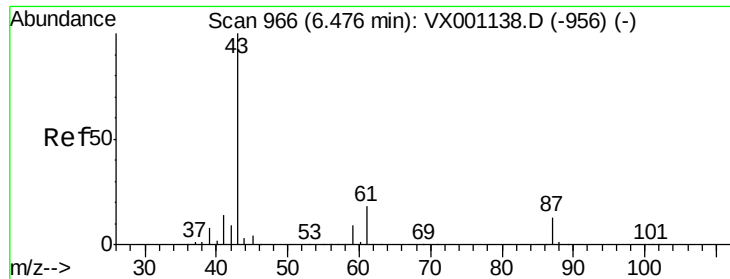
Tgt Ion:	41	Resp:	35822
Ion	Ratio	Lower	Upper
41	100		
39	56.2	45.9	68.9
67	67.4	53.2	79.8
52	31.2	23.1	34.7



#42
1,2-Dichloroethane
Concen: 20.20 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Tgt Ion:	62	Resp:	68343
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0





#43

Isopropyl Acetate

Concen: 18.44 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD01

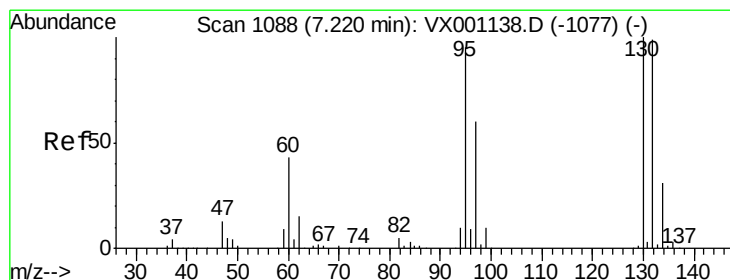
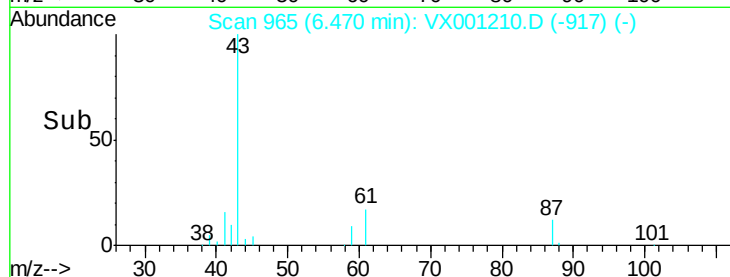
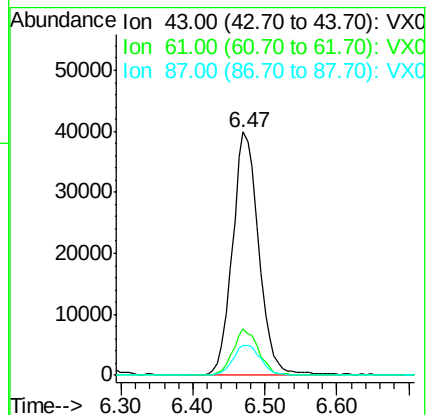
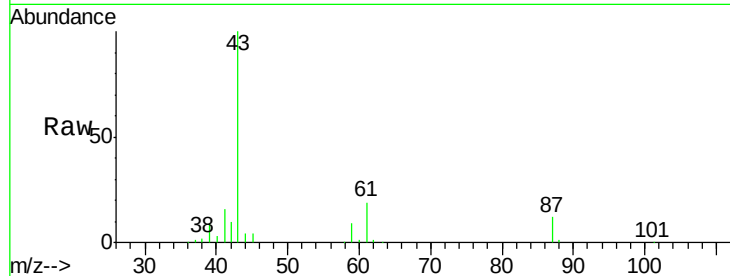
Tgt Ion: 43 Resp: 100656

Ion Ratio Lower Upper

43 100

61 18.8 15.0 22.6

87 13.2 10.3 15.5



#44

Trichloroethene

Concen: 20.69 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001210.D

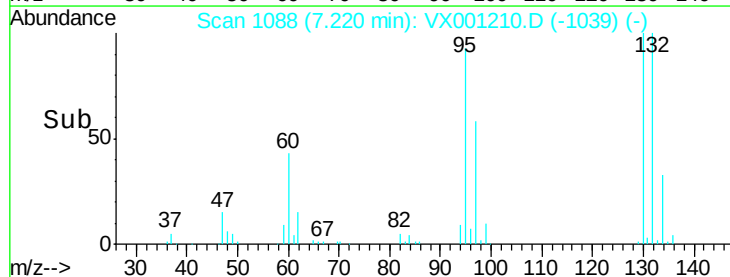
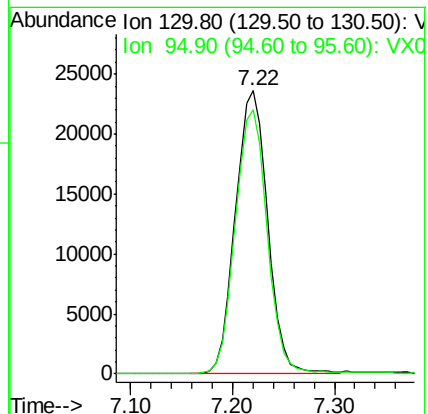
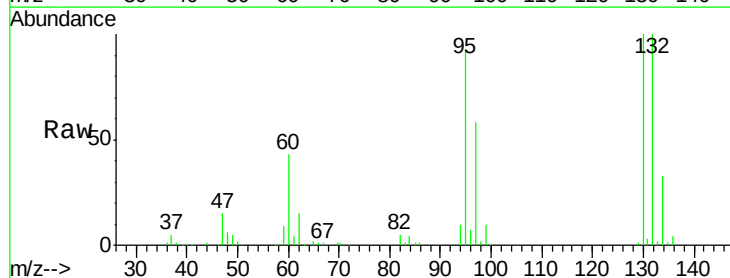
Acq: 28 Apr 2018 13:48

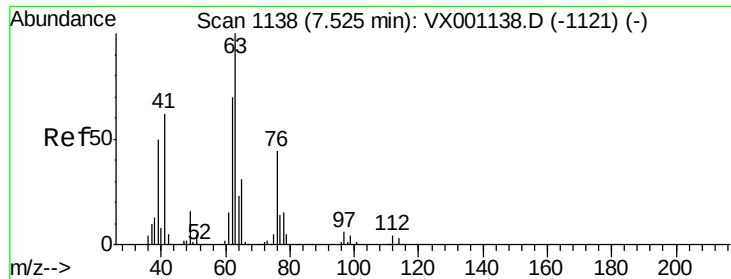
Tgt Ion: 130 Resp: 51743

Ion Ratio Lower Upper

130 100

95 93.1 0.0 189.6

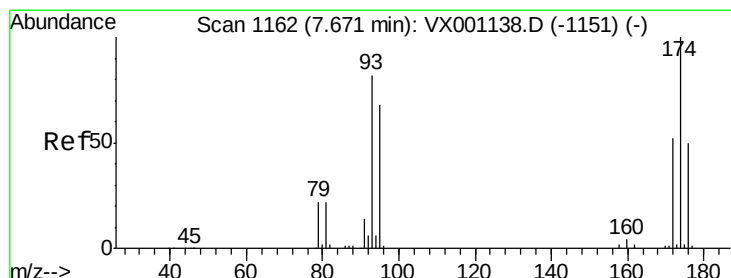
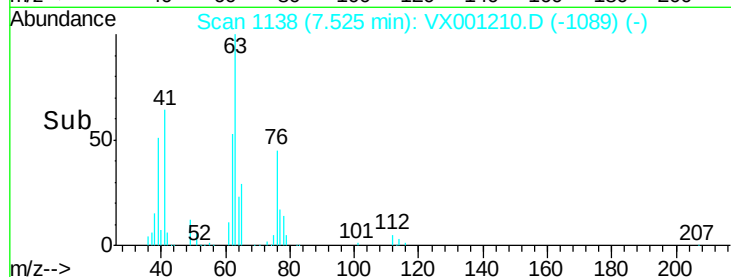
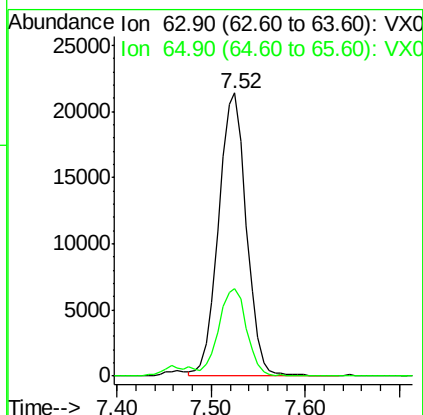
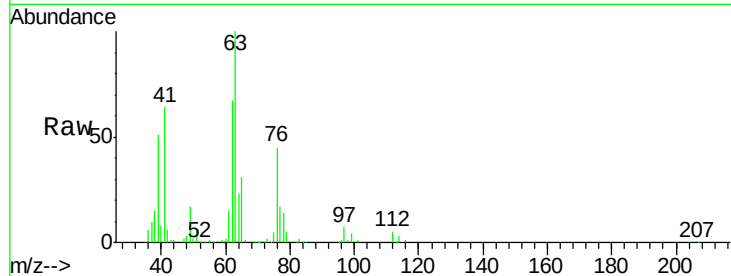




#45
 1,2-Dichloropropane
 Concen: 19.86 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

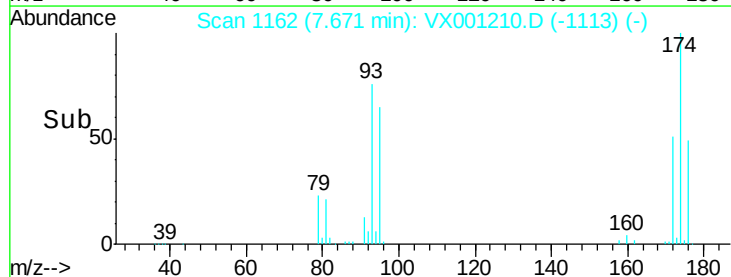
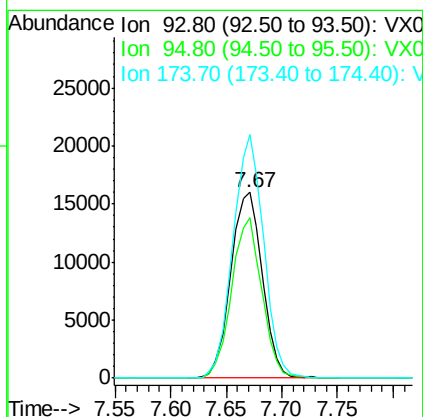
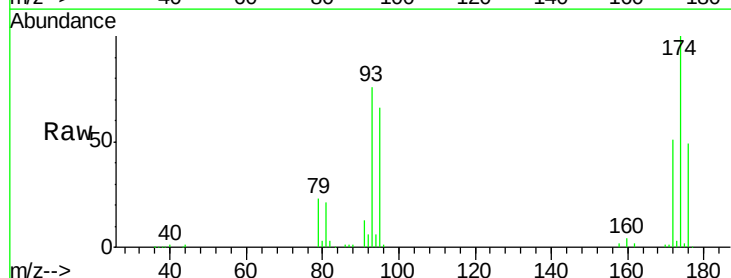
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBSD01

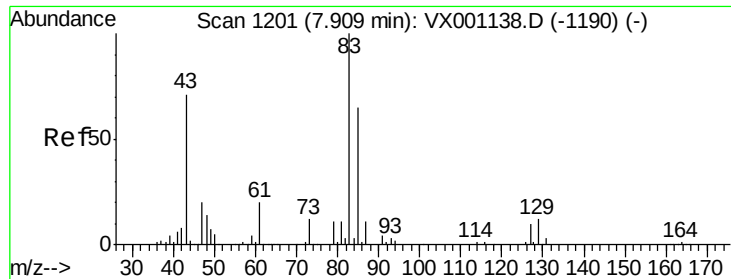
Tgt Ion: 63 Resp: 43850
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.9 37.3



#46
 Dibromomethane
 Concen: 20.54 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

Tgt Ion: 93 Resp: 31405
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.4 99.6
 174 127.4 99.6 149.4





#47

Bromodichloromethane

Concen: 19.87 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD01

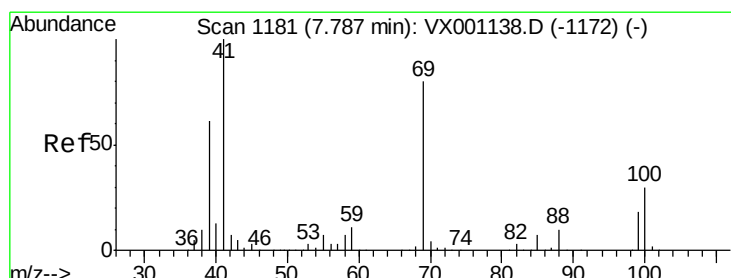
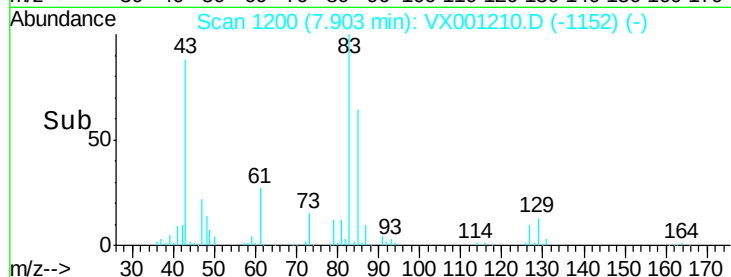
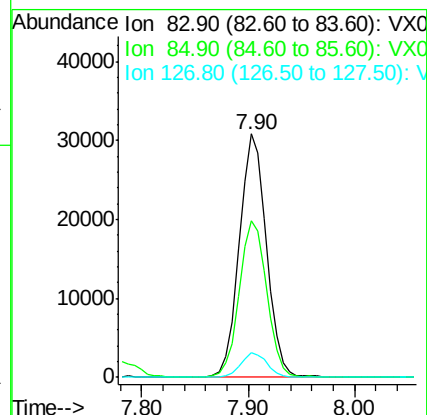
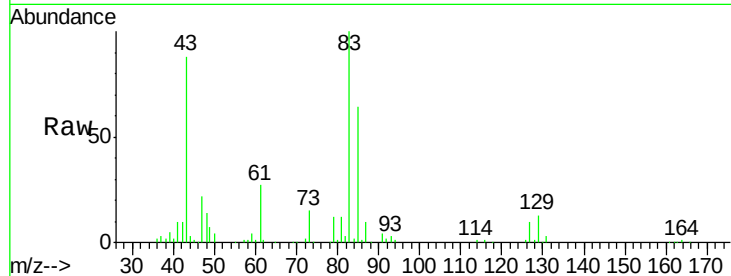
Tgt Ion: 83 Resp: 55213

Ion Ratio Lower Upper

83 100

85 64.4 51.9 77.9

127 10.3 7.7 11.5



#48

Methyl methacrylate

Concen: 18.38 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

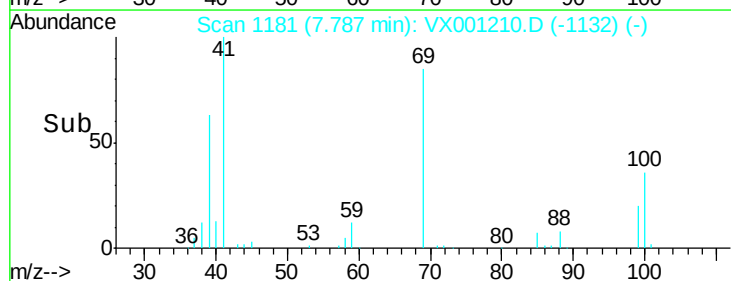
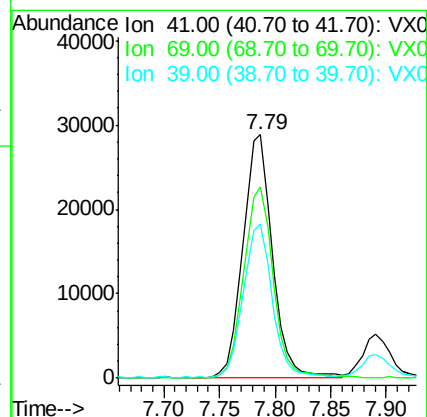
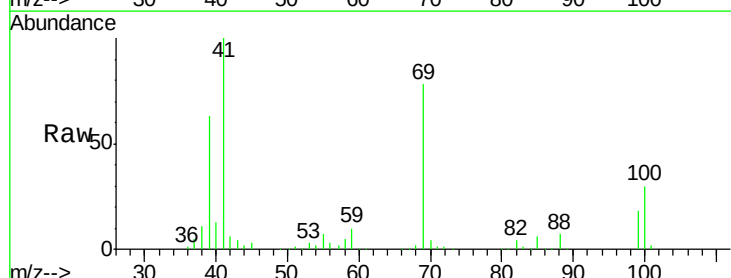
Tgt Ion: 41 Resp: 53330

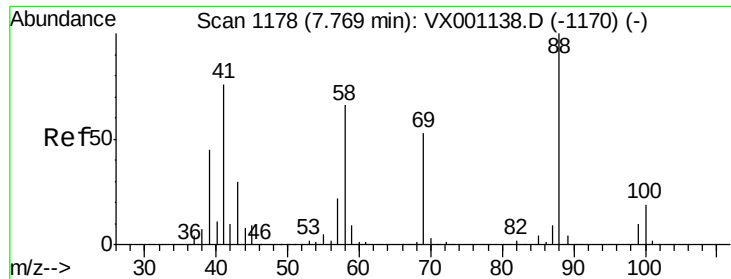
Ion Ratio Lower Upper

41 100

69 78.2 62.4 93.6

39 61.9 48.7 73.1

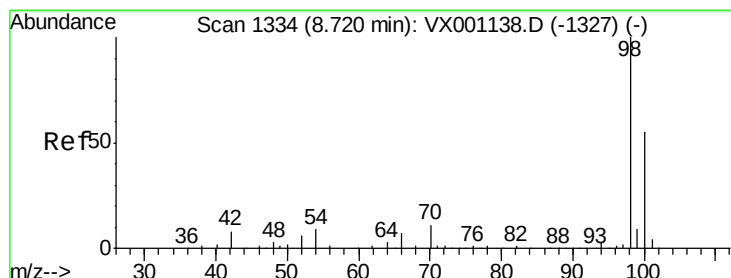
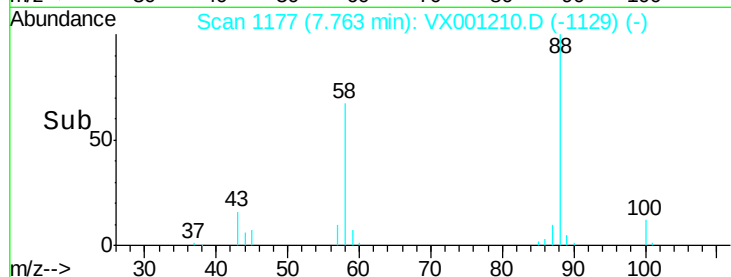
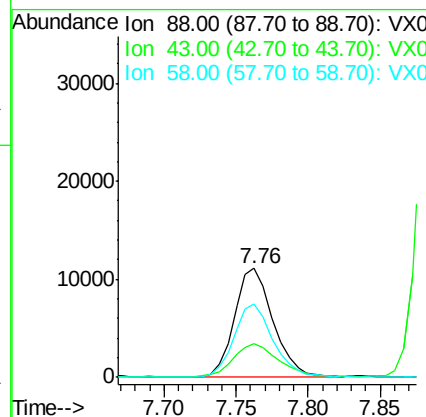
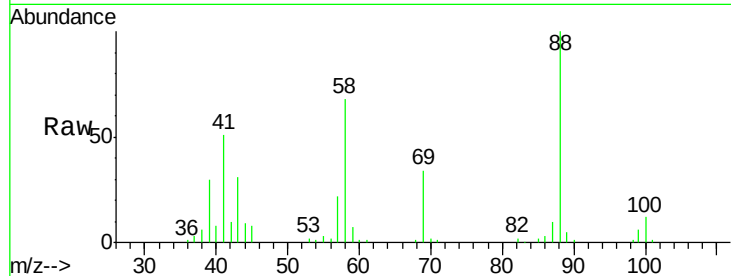




#49
1,4-Dioxane
Concen: 360.29 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

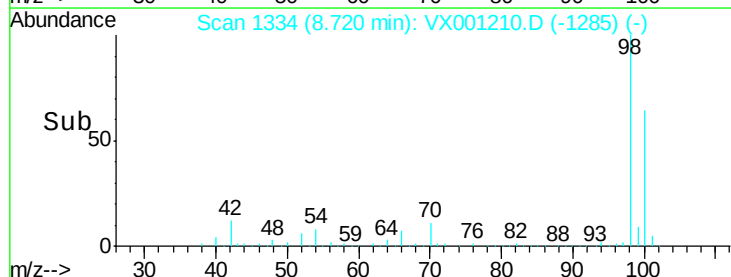
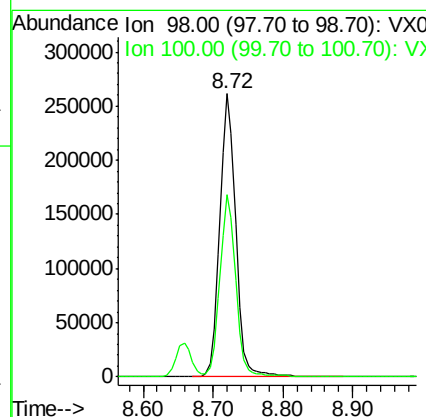
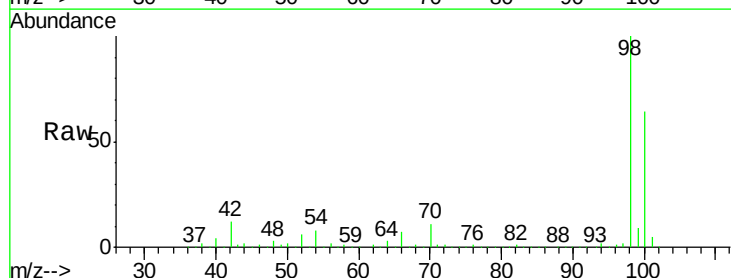
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD01

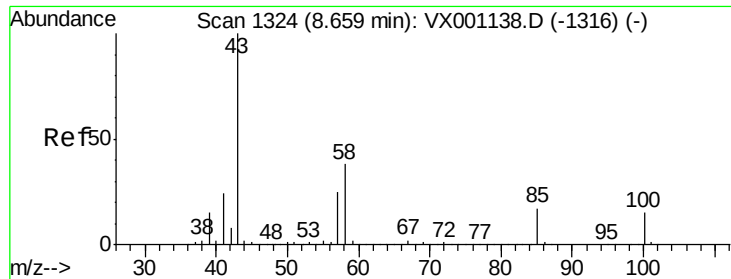
Tgt Ion: 88 Resp: 20929
Ion Ratio Lower Upper
88 100
43 36.9 27.3 40.9
58 69.3 54.2 81.4



#50
Toluene-d8
Concen: 50.62 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Tgt Ion: 98 Resp: 416470
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 92.82 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

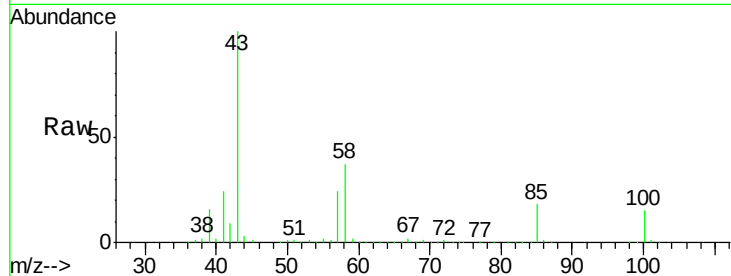
VX0428WBSD01

Tgt Ion: 43 Resp: 332823

Ion Ratio Lower Upper

43 100

58 36.0 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

200000

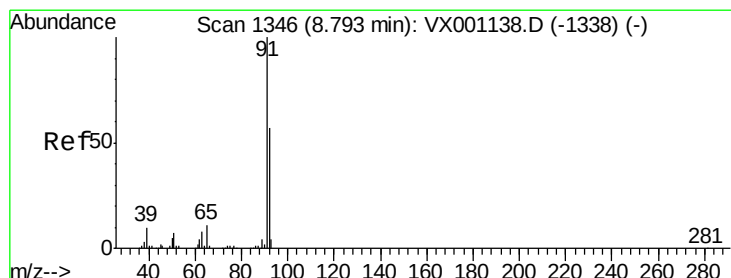
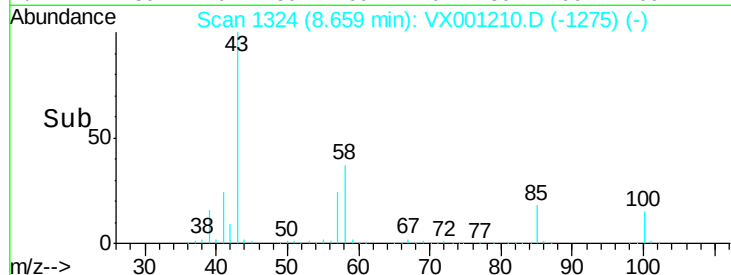
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.73 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001210.D

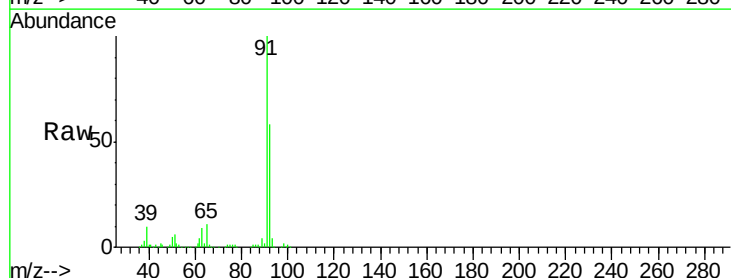
Acq: 28 Apr 2018 13:48

Tgt Ion: 92 Resp: 113818

Ion Ratio Lower Upper

92 100

91 176.4 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

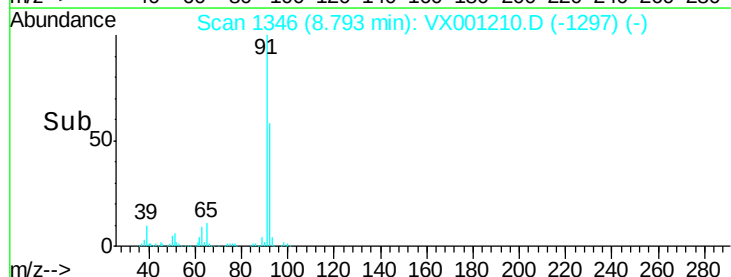
8.79

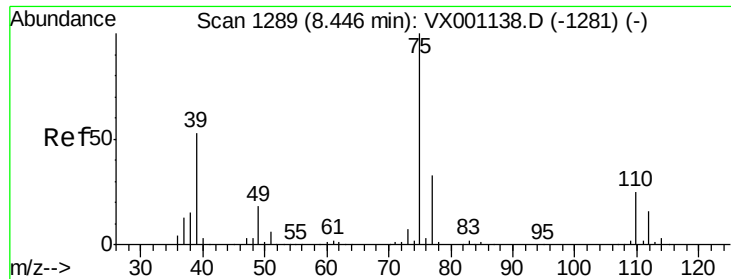
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.93 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

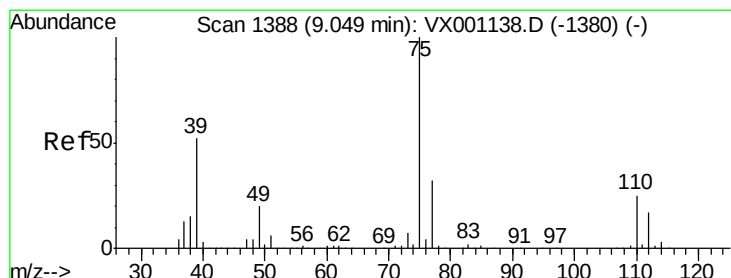
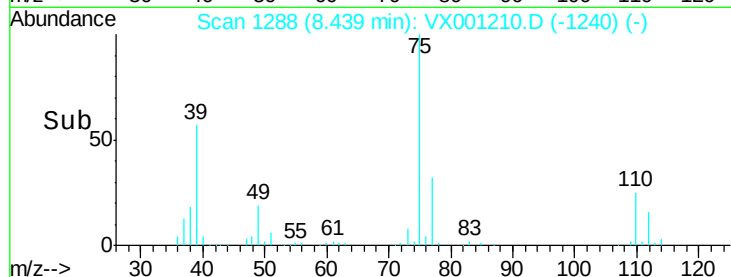
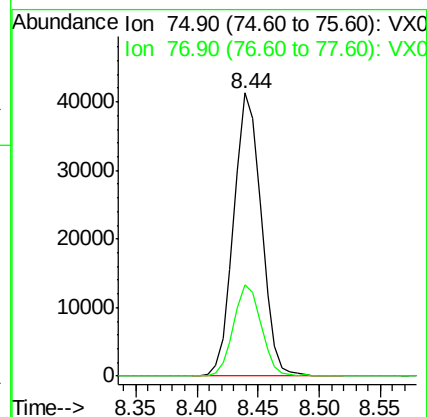
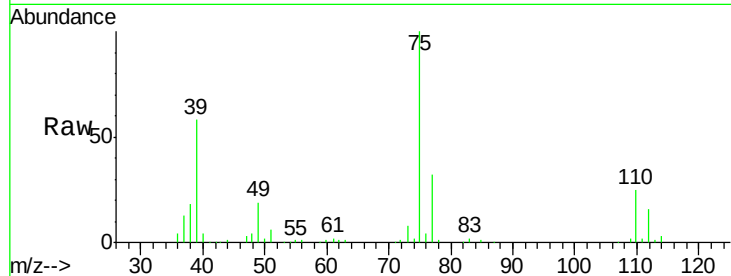
VX0428WBSD01

Tgt Ion: 75 Resp: 64360

Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 19.48 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

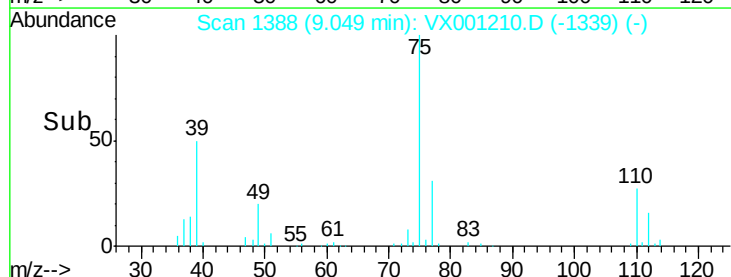
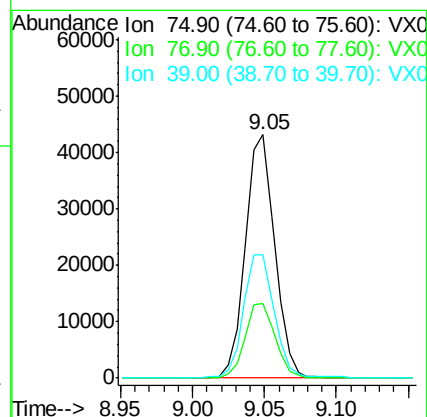
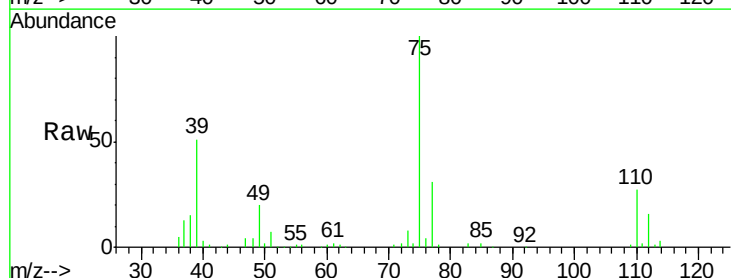
Tgt Ion: 75 Resp: 61017

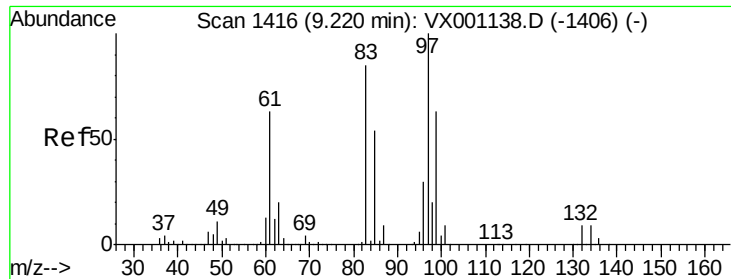
Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.2

39 50.4 42.0 63.0

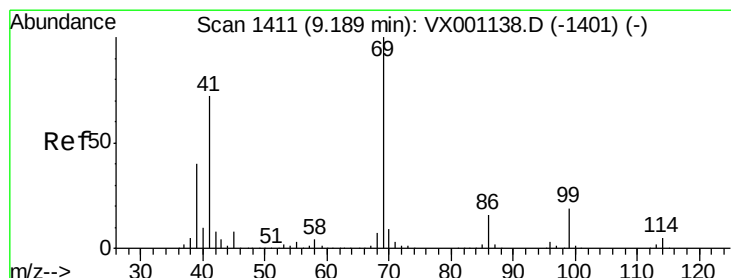
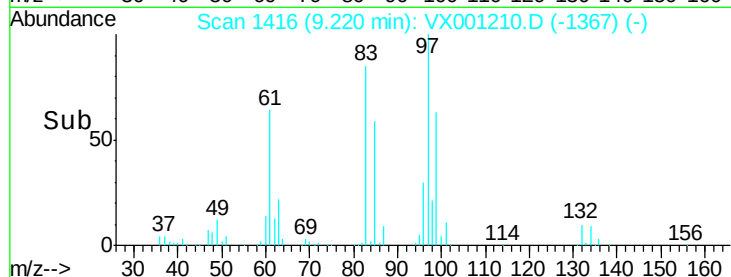
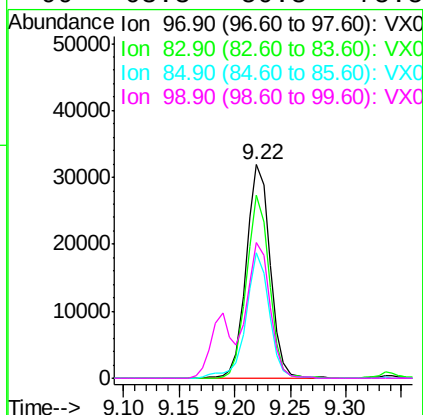
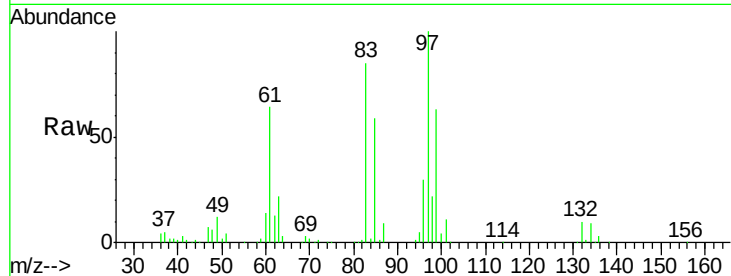




#55
 1,1,2-Trichloroethane
 Concen: 20.49 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

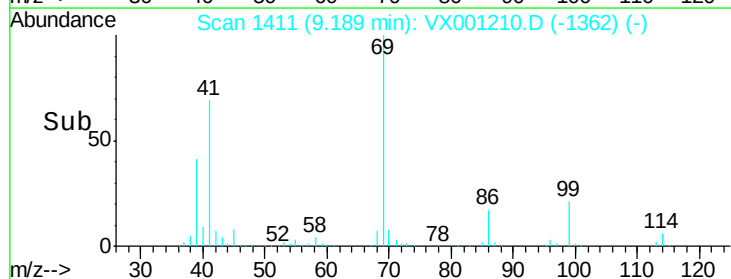
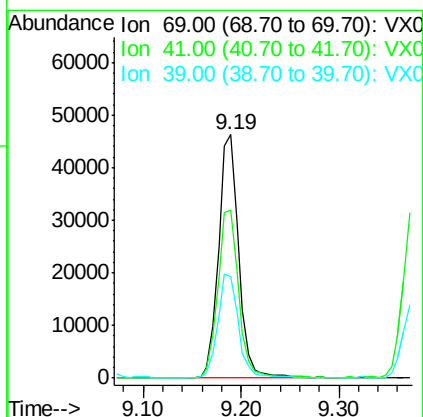
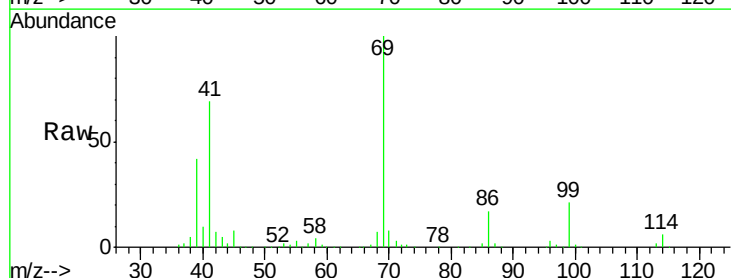
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBSD01

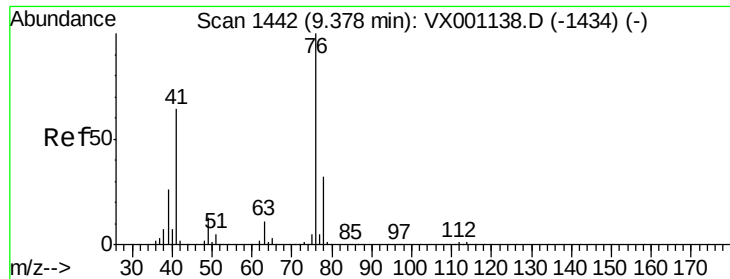
Tgt Ion:	97	Resp:	47602
Ion	Ratio	Lower	Upper
97	100		
83	85.5	68.0	102.0
85	58.6	42.9	64.3
99	63.3	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 19.23 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

Tgt Ion:	69	Resp:	66180
Ion	Ratio	Lower	Upper
69	100		
41	71.5	57.7	86.5
39	43.9	33.3	49.9





#57

1,3-Dichloropropane

Concen: 20.19 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

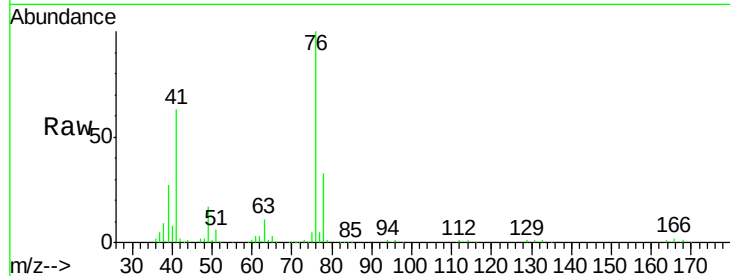
VX0428WBSD01

Tgt Ion: 76 Resp: 75863

Ion Ratio Lower Upper

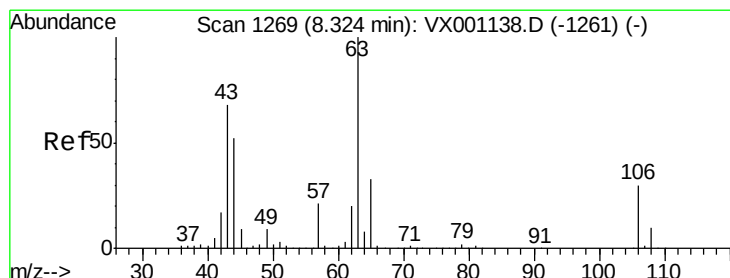
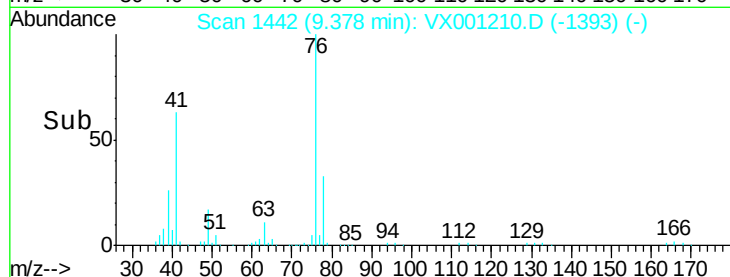
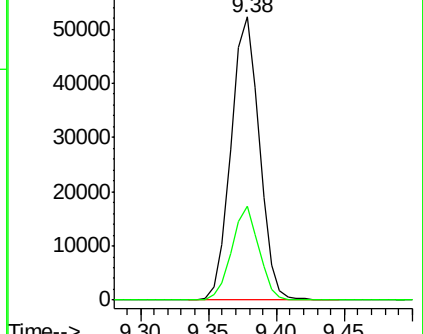
76 100

78 32.2 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 93.90 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001210.D

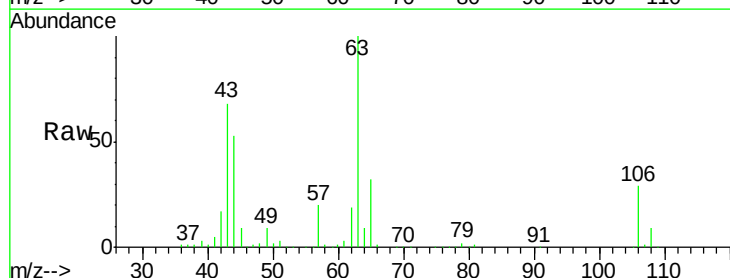
Acq: 28 Apr 2018 13:48

Tgt Ion: 63 Resp: 152784

Ion Ratio Lower Upper

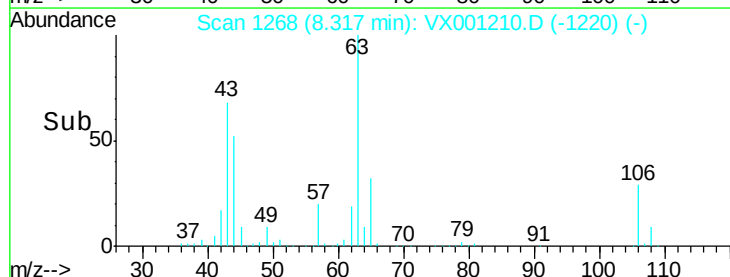
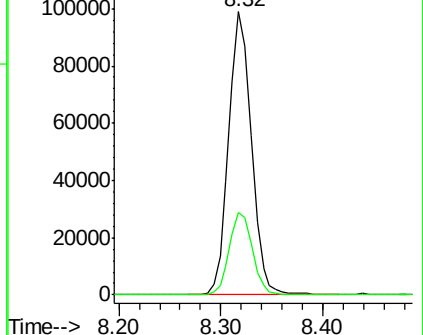
63 100

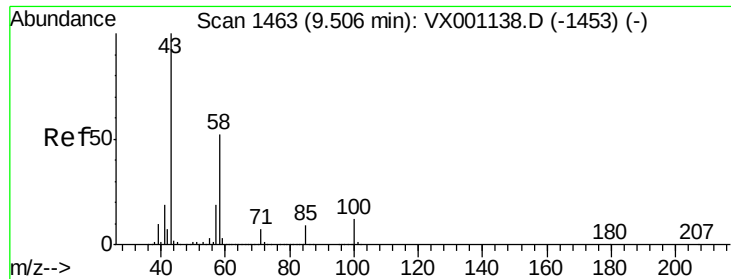
106 29.5 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

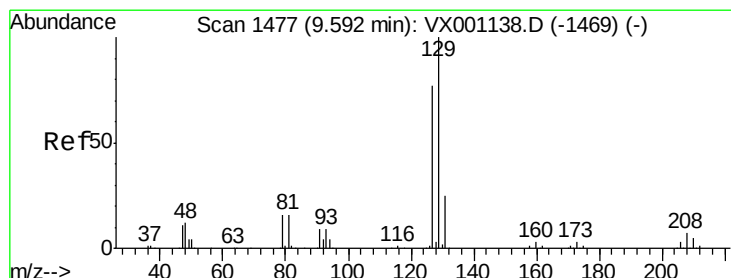
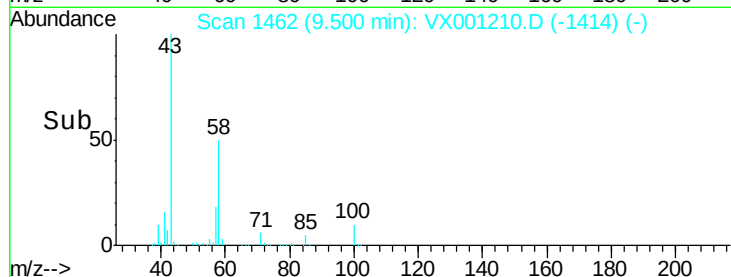
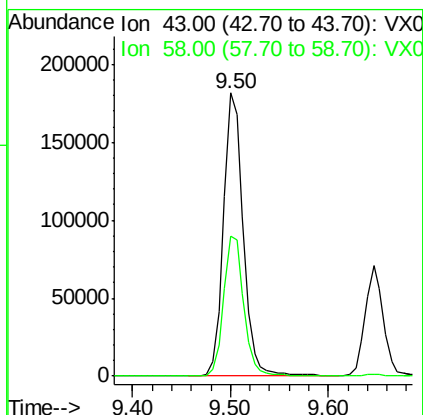
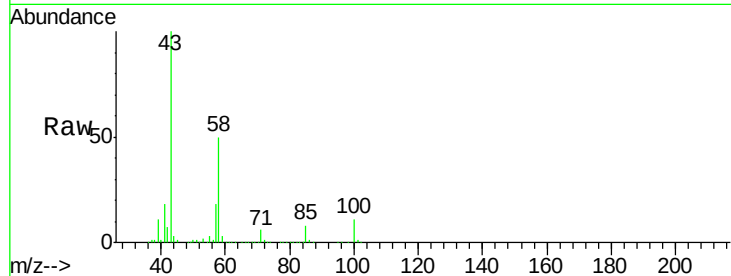




#59
2-Hexanone
Concen: 90.97 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

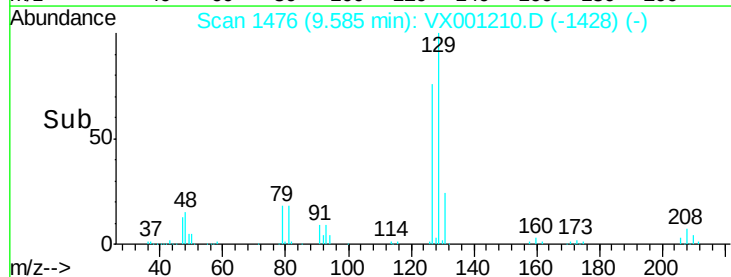
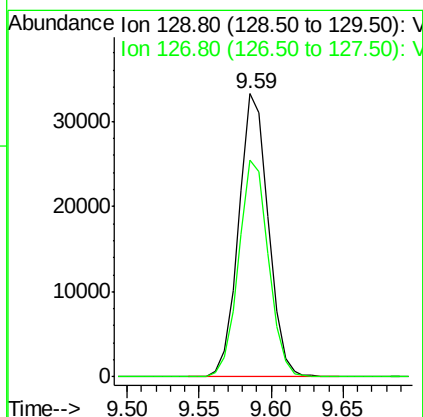
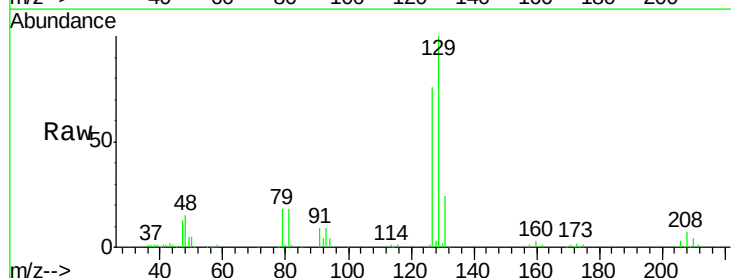
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD01

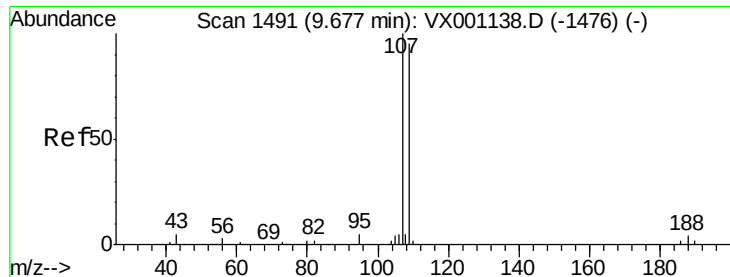
Tgt Ion: 43 Resp: 255555
Ion Ratio Lower Upper
43 100
58 50.6 25.8 77.4



#60
Dibromochloromethane
Concen: 19.72 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Tgt Ion: 129 Resp: 47605
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2





#61

1,2-Dibromoethane

Concen: 20.50 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

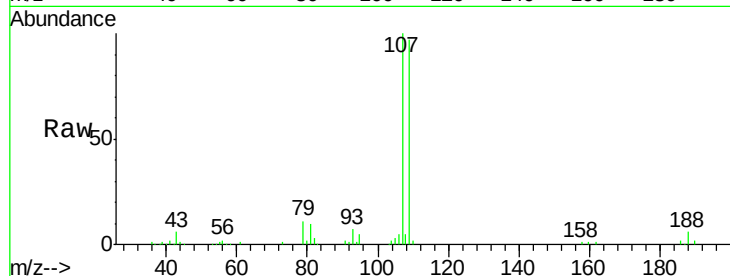
VX0428WBSD01

Tgt Ion: 107 Resp: 49880

Ion Ratio Lower Upper

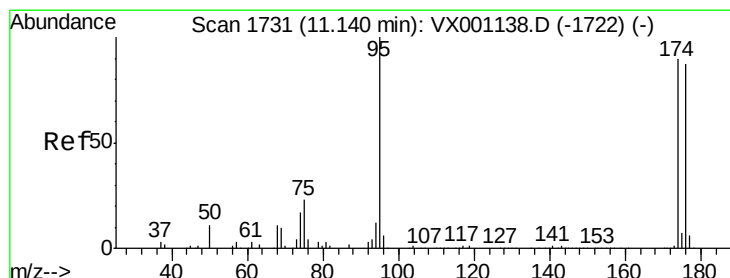
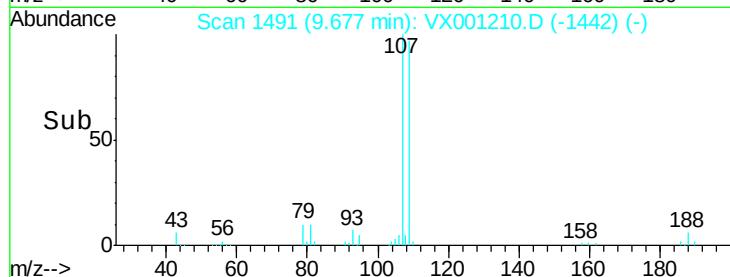
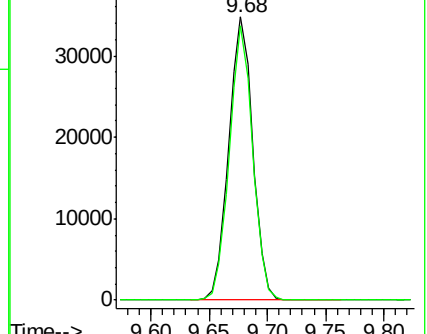
107 100

109 94.0 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.67 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

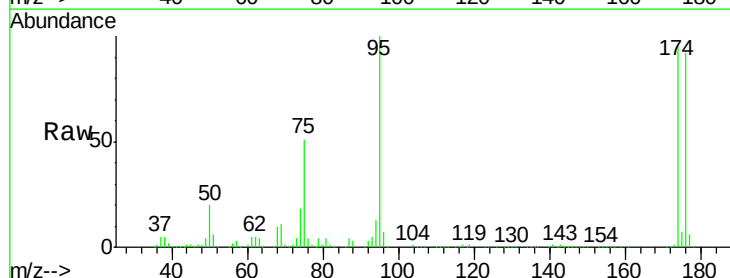
Tgt Ion: 95 Resp: 159631

Ion Ratio Lower Upper

95 100

174 101.7 0.0 194.4

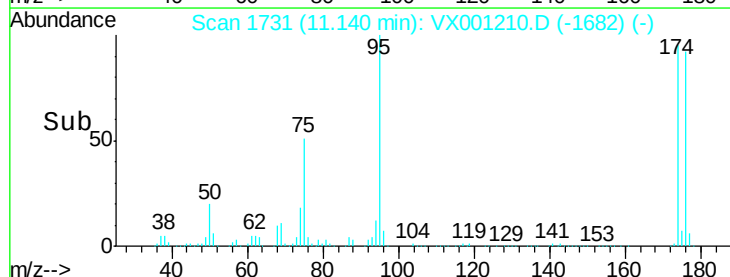
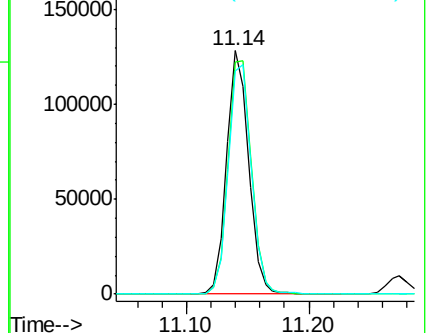
176 98.8 0.0 190.2

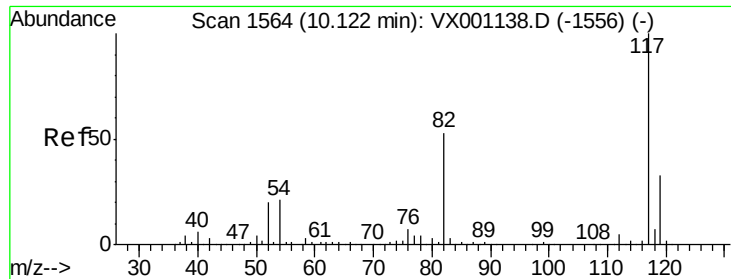


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

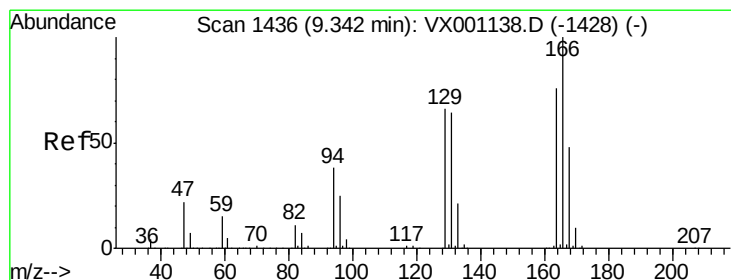
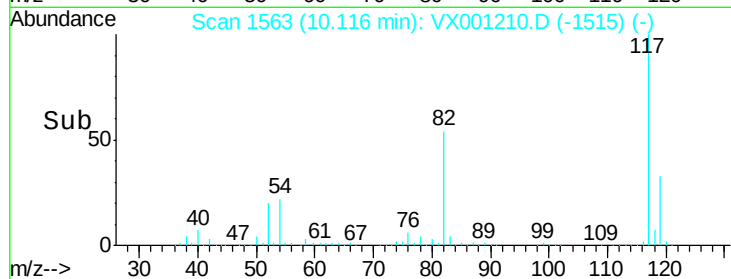
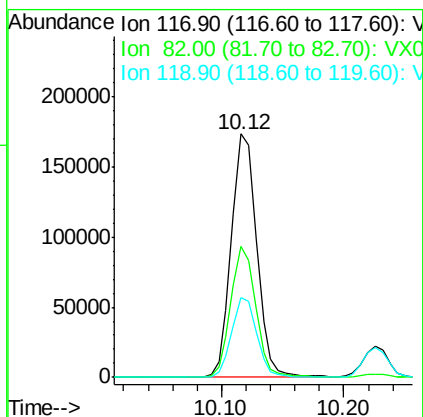
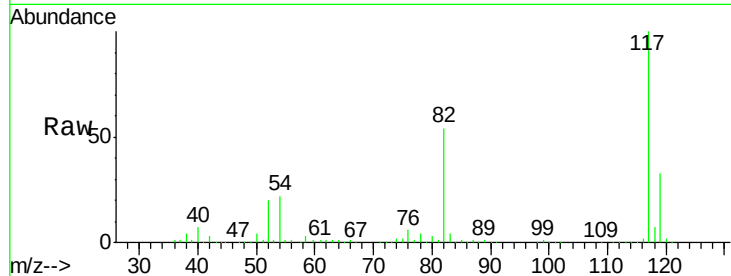




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

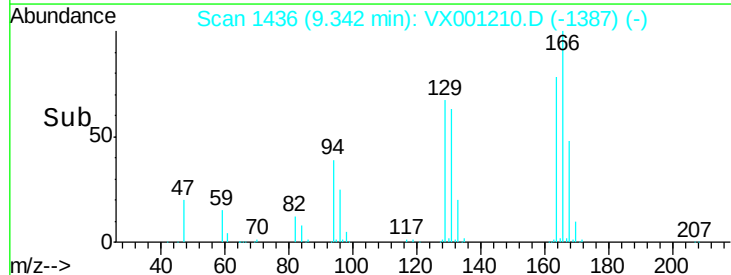
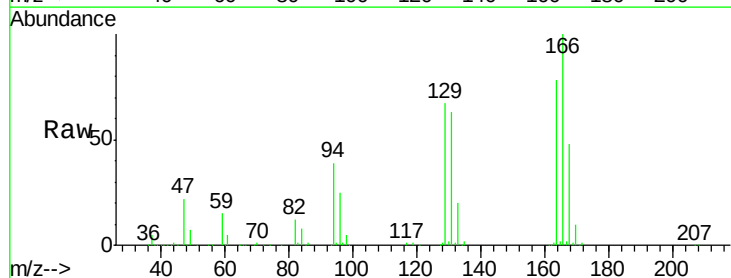
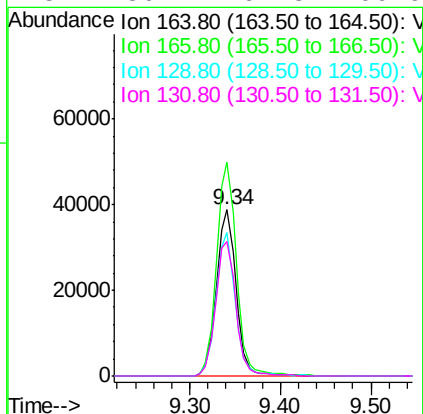
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD01

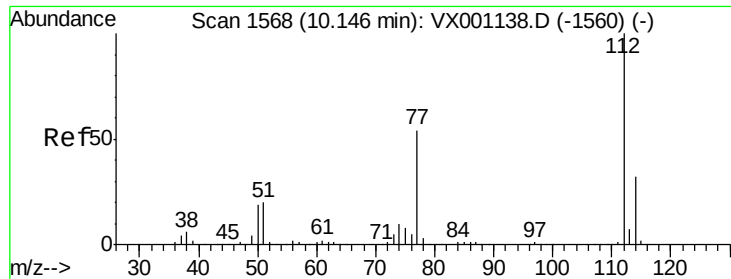
Tgt Ion:117 Resp: 250187
Ion Ratio Lower Upper
117 100
82 53.7 42.1 63.1
119 32.6 26.1 39.1



#64
Tetrachloroethene
Concen: 22.22 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Tgt Ion:164 Resp: 59337
Ion Ratio Lower Upper
164 100
166 128.4 105.0 157.6
129 86.3 69.4 104.2
131 80.7 67.3 100.9





#65

Chlorobenzene

Concen: 20.66 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

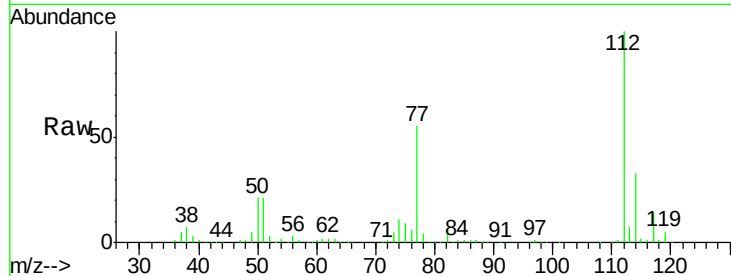
VX0428WBSD01

Tgt Ion:112 Resp: 135419

Ion Ratio Lower Upper

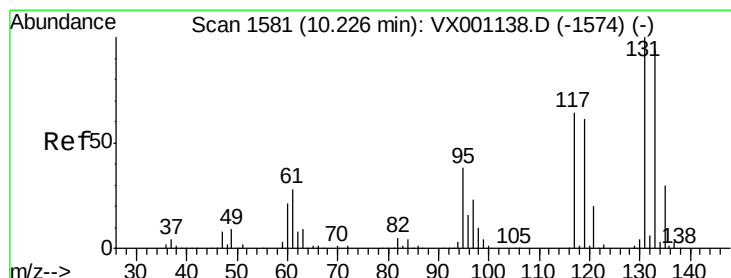
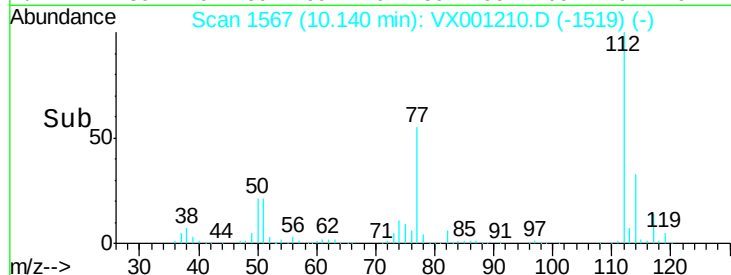
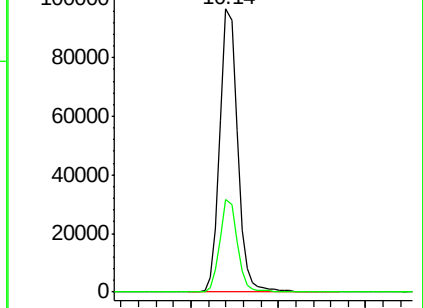
112 100

114 32.6 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.13 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

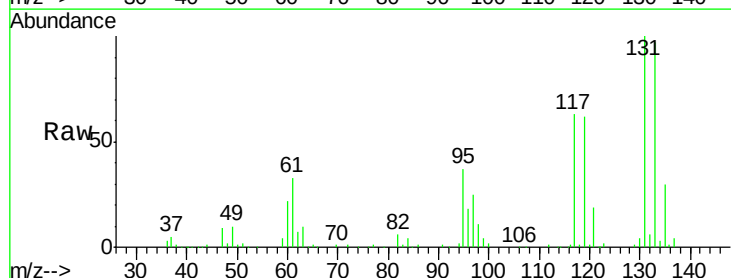
Tgt Ion:131 Resp: 47928

Ion Ratio Lower Upper

131 100

133 96.3 47.8 143.4

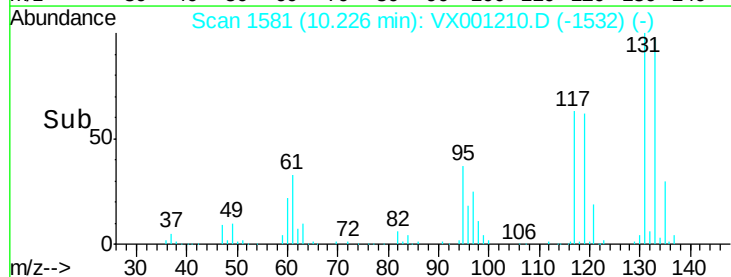
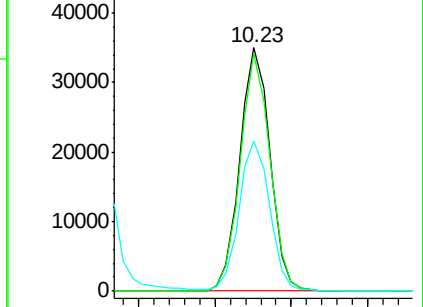
119 62.7 31.3 93.8

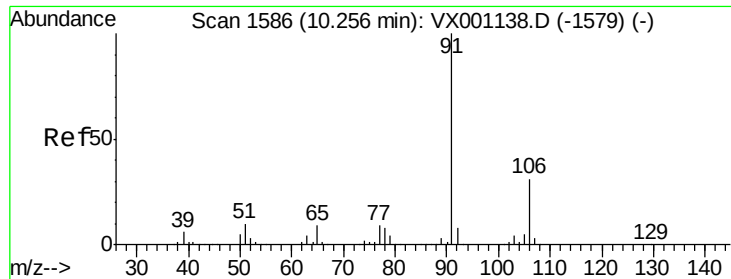


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.74 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

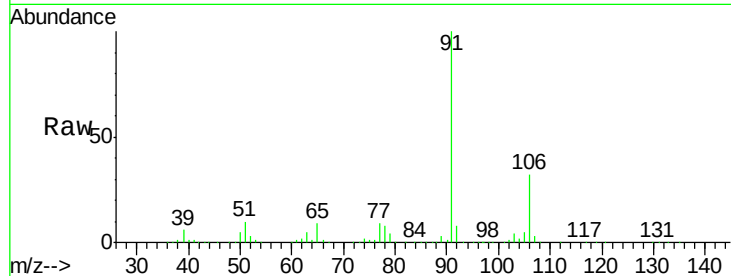
VX0428WBSD01

Tgt Ion: 91 Resp: 220874

Ion Ratio Lower Upper

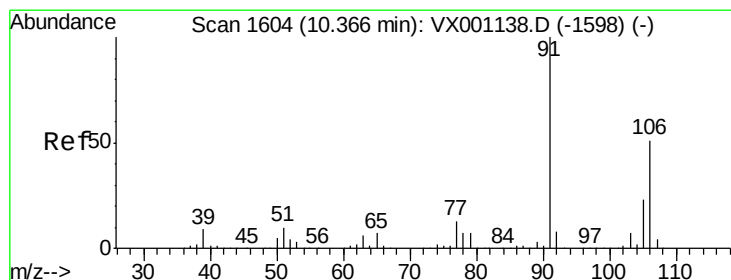
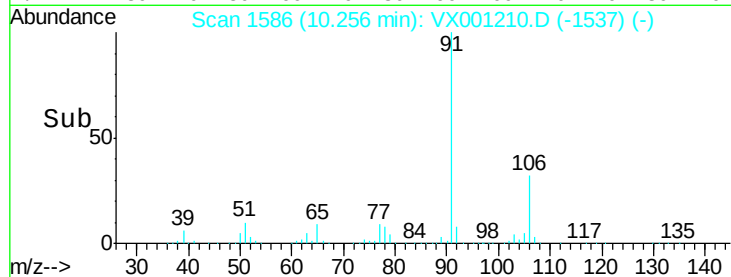
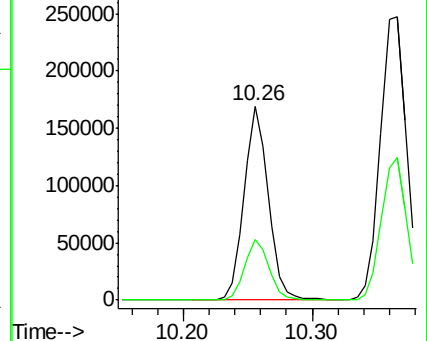
91 100

106 31.6 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.92 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001210.D

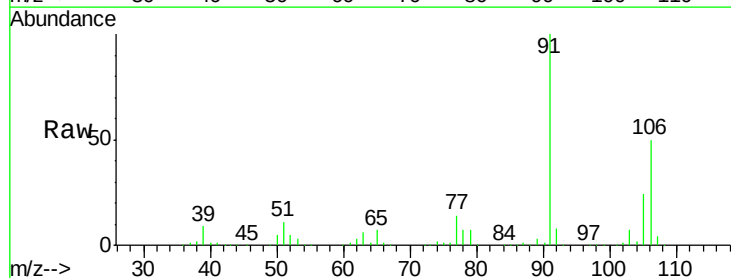
Acq: 28 Apr 2018 13:48

Tgt Ion: 106 Resp: 172304

Ion Ratio Lower Upper

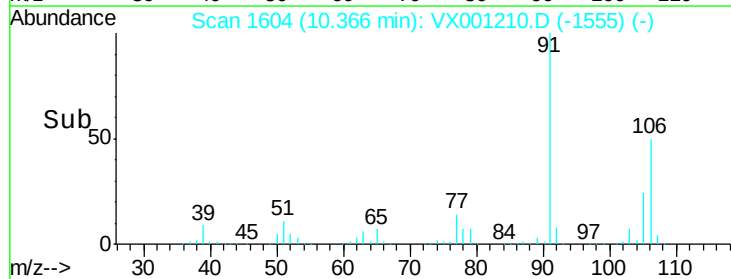
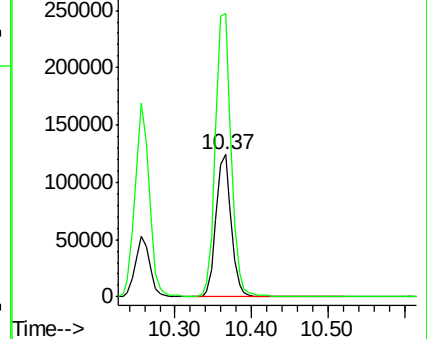
106 100

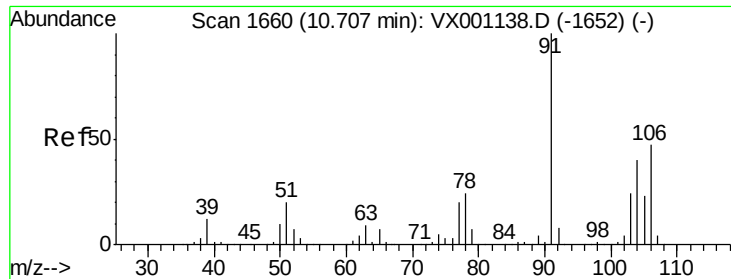
91 204.9 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

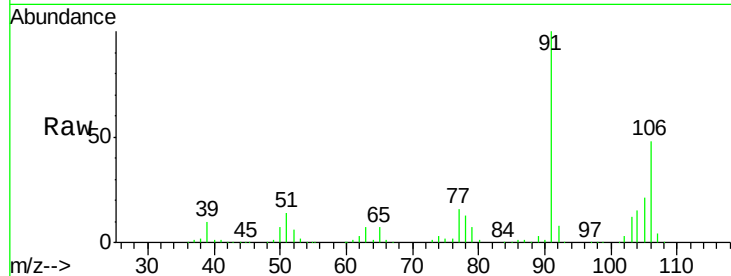




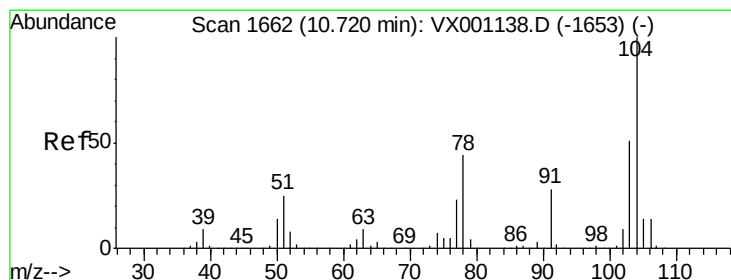
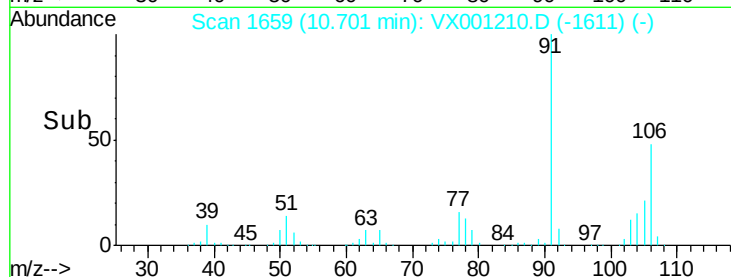
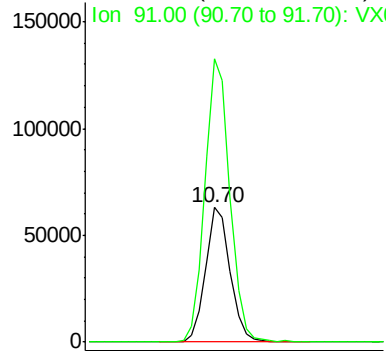
#69
o-Xylene
Concen: 20.63 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD01

Tgt Ion:106 Resp: 84254
Ion Ratio Lower Upper
106 100
91 213.3 106.2 318.5

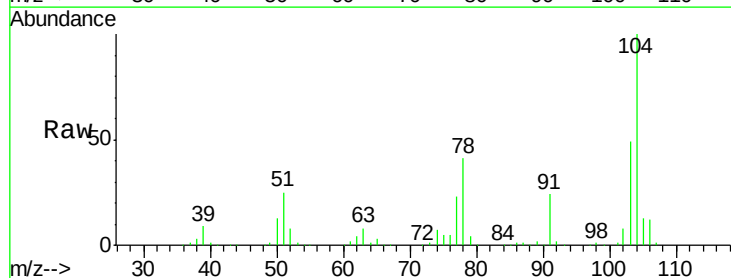


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

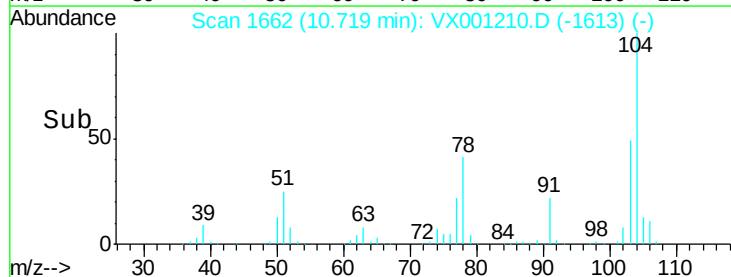
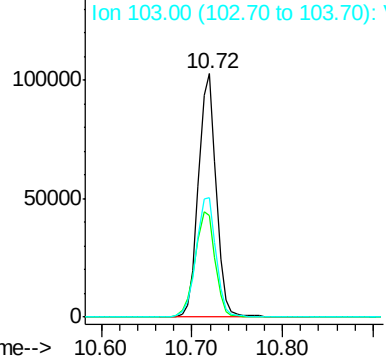


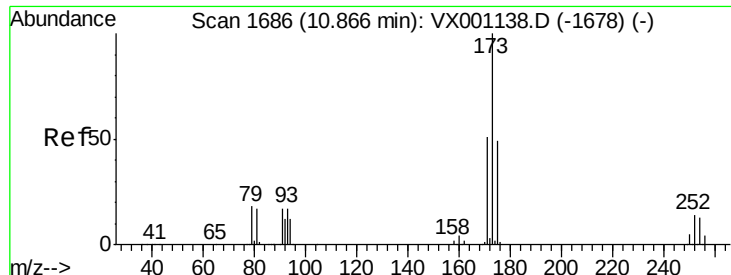
#70
Styrene
Concen: 20.59 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Tgt Ion:104 Resp: 139970
Ion Ratio Lower Upper
104 100
78 49.5 40.3 60.5
103 54.9 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.80 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampled :

VX0428WBSD01

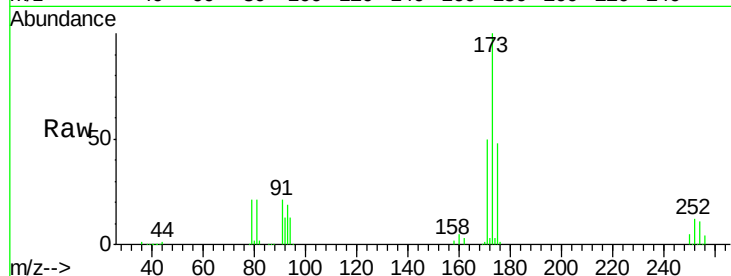
Tgt Ion:173 Resp: 36662

Ion Ratio Lower Upper

173 100

175 49.9 24.6 73.8

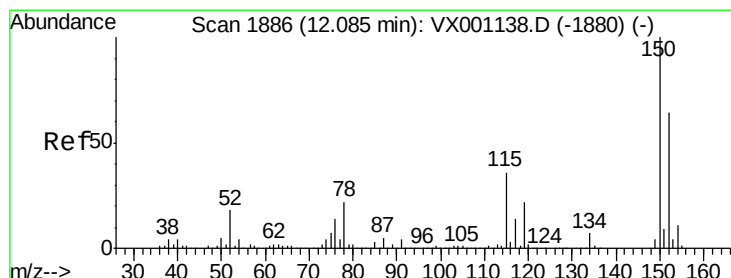
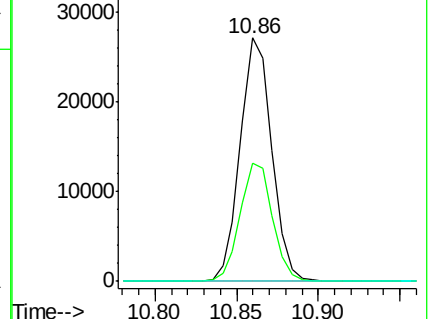
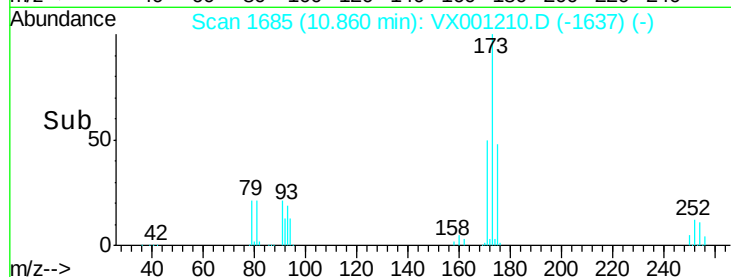
254 0.3 0.2 0.2#



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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

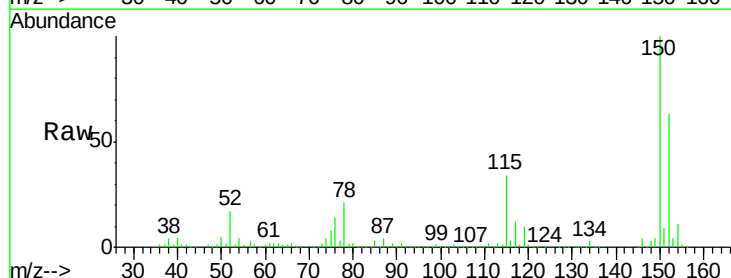
Tgt Ion:152 Resp: 170053

Ion Ratio Lower Upper

152 100

115 64.4 38.0 114.0

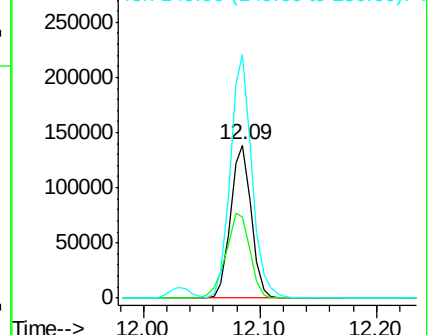
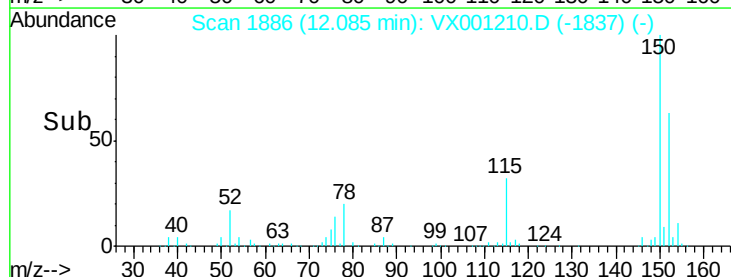
150 165.1 0.0 349.6

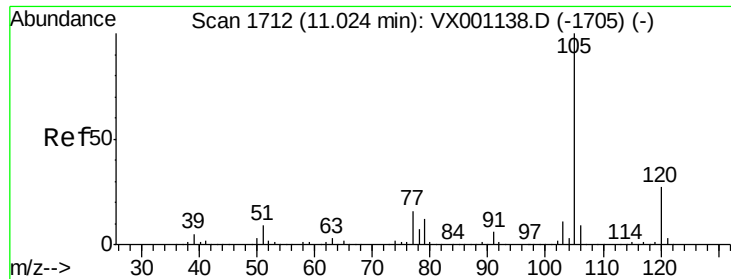


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.80 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

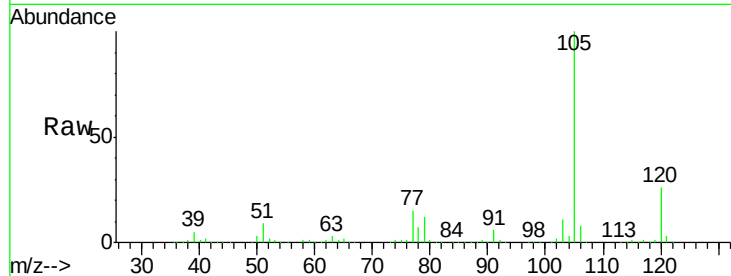
VX0428WBSD01

Tgt Ion: 105 Resp: 230593

Ion Ratio Lower Upper

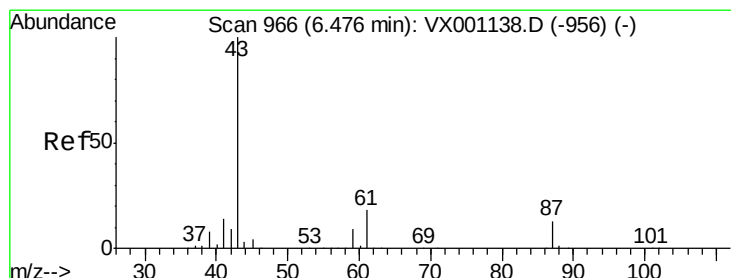
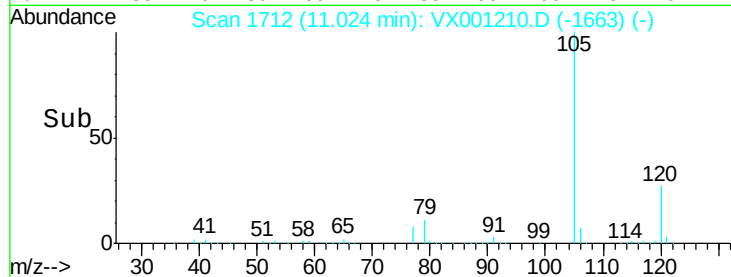
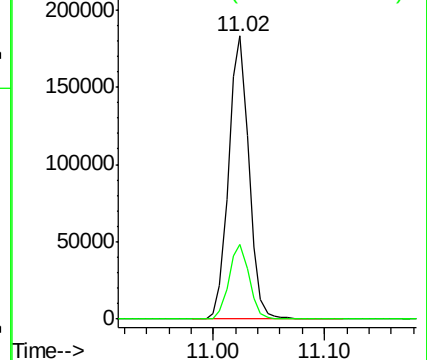
105 100

120 26.5 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.02 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Tgt Ion: 43 Resp: 100656

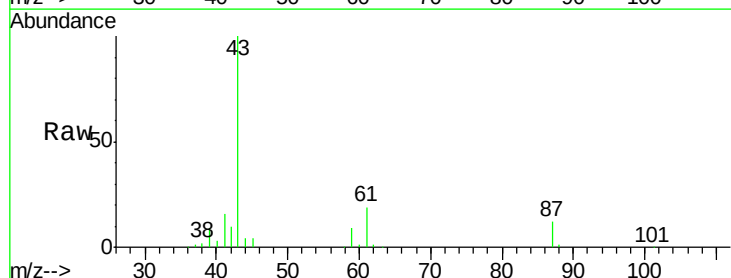
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.8 15.0 22.6

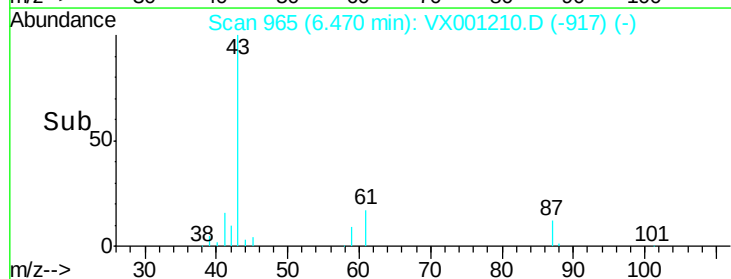
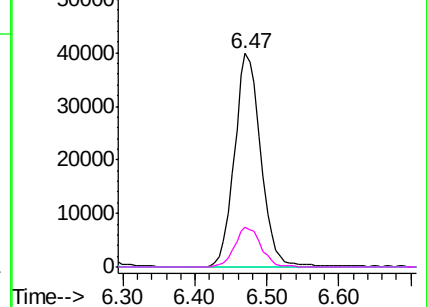


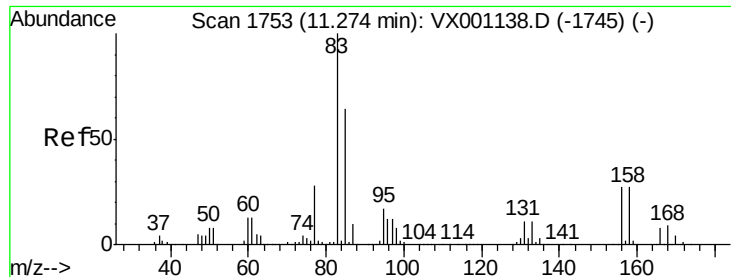
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.78 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampled :

VX0428WBSD01

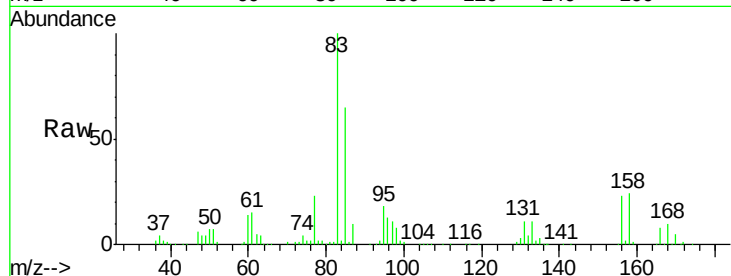
Tgt Ion: 83 Resp: 69075

Ion Ratio Lower Upper

83 100

131 11.2 5.8 17.4

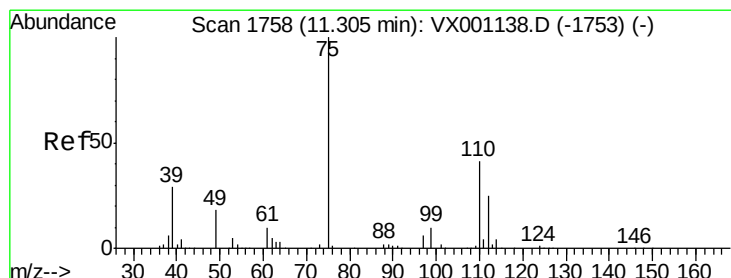
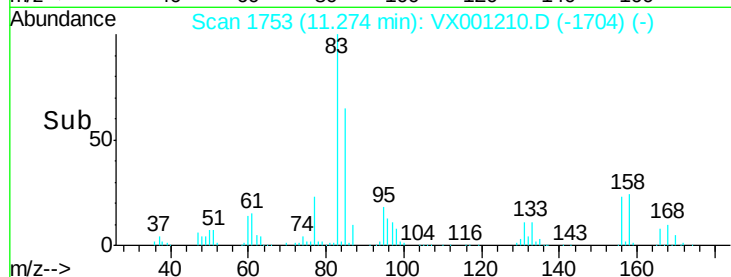
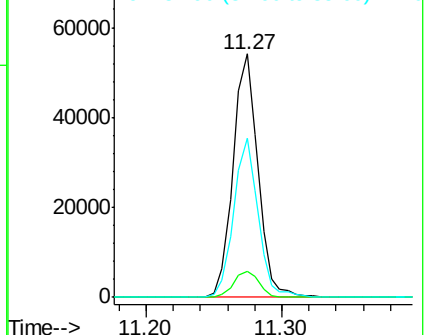
85 64.4 32.1 96.3



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: 21.32 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001210.D

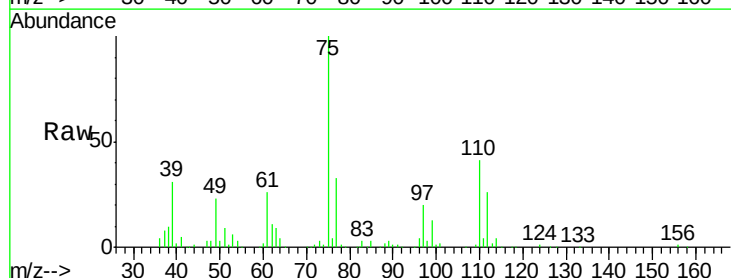
Acq: 28 Apr 2018 13:48

Tgt Ion: 75 Resp: 73815

Ion Ratio Lower Upper

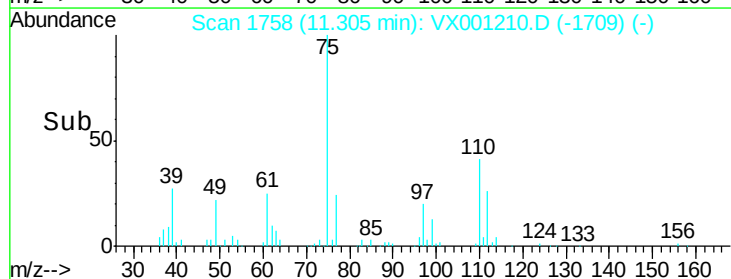
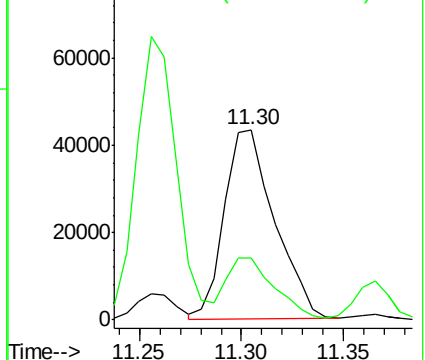
75 100

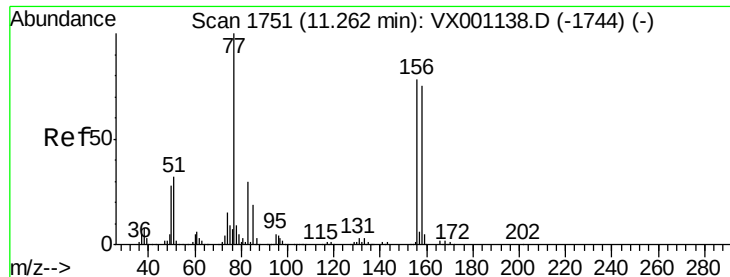
77 31.3 18.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.44 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD01

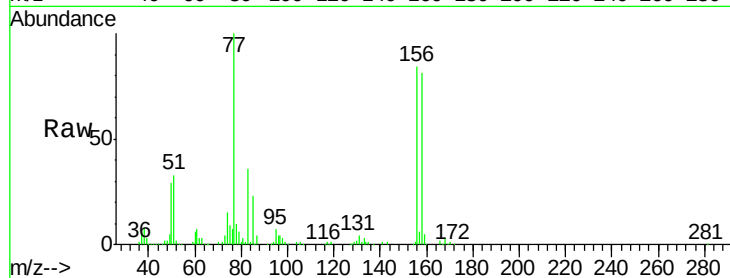
Tgt Ion:156 Resp: 67186

Ion Ratio Lower Upper

156 100

77 132.3 67.8 203.2

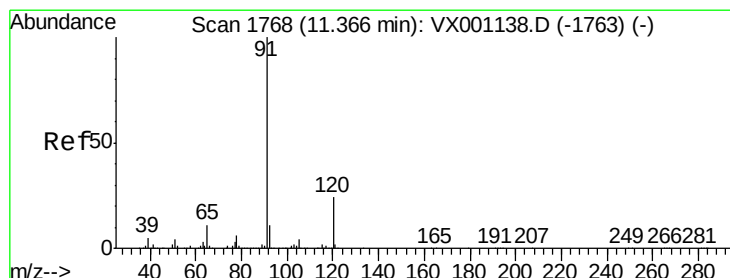
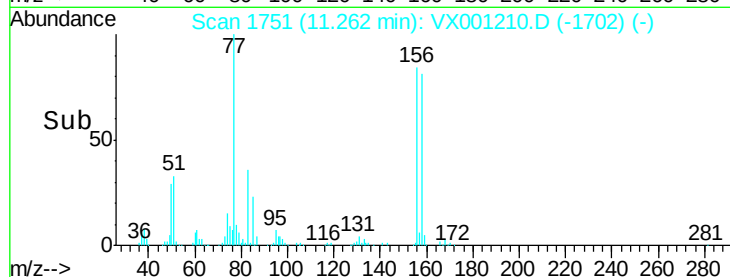
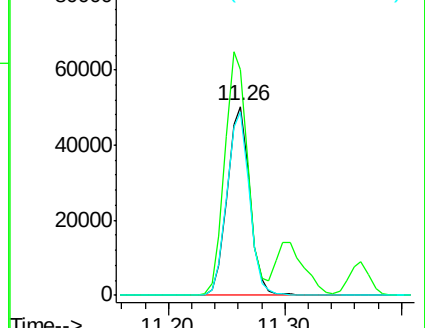
158 97.8 48.9 146.7



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: 20.97 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001210.D

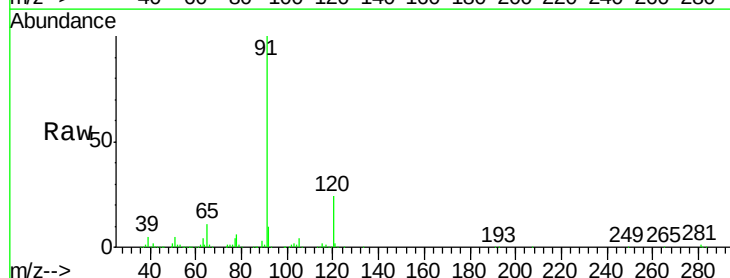
Acq: 28 Apr 2018 13:48

Tgt Ion: 91 Resp: 259234

Ion Ratio Lower Upper

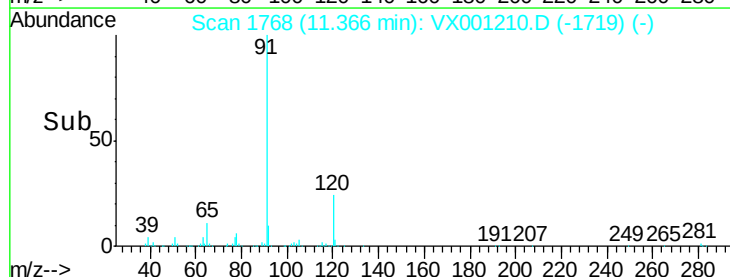
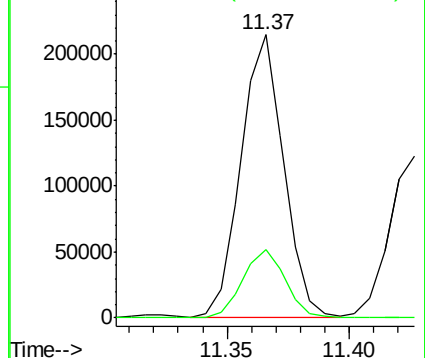
91 100

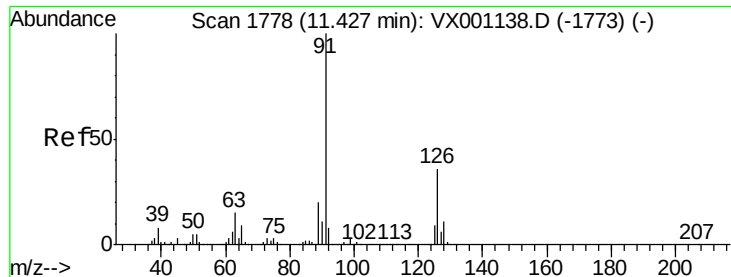
120 24.4 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.10 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

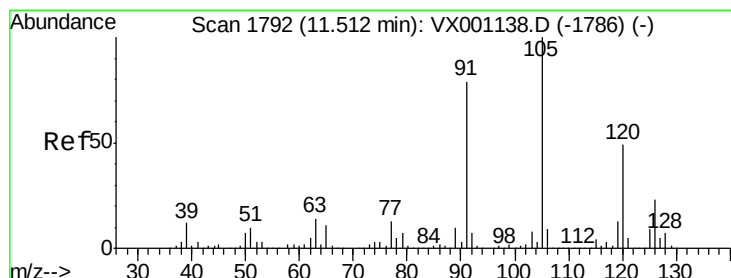
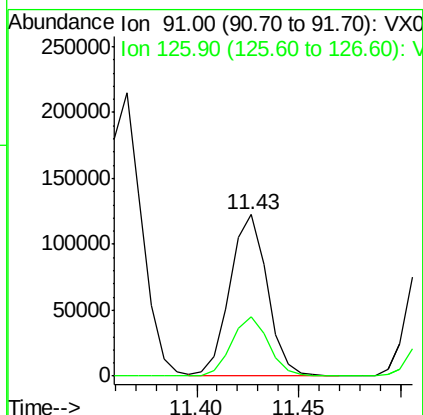
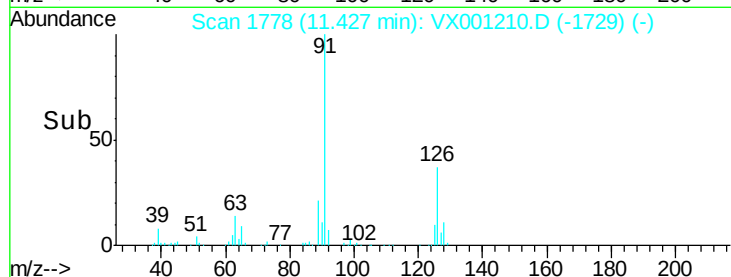
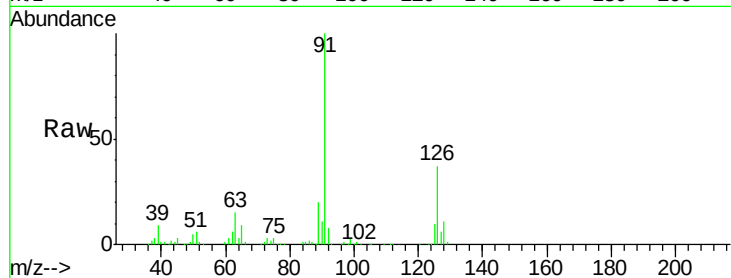
VX0428WBSD01

Tgt Ion: 91 Resp: 154006

Ion Ratio Lower Upper

91 100

126 36.5 18.2 54.6



#80

1,3,5-Trimethylbenzene

Concen: 20.75 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001210.D

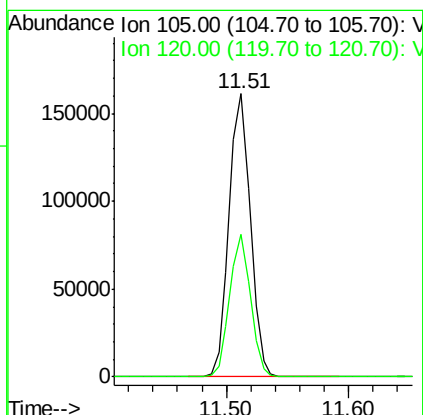
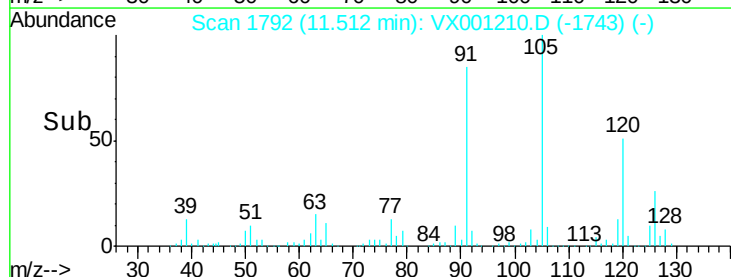
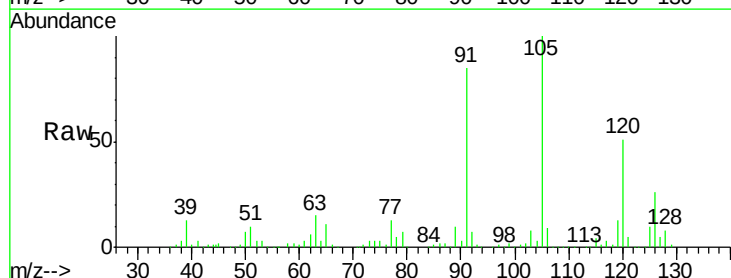
Acq: 28 Apr 2018 13:48

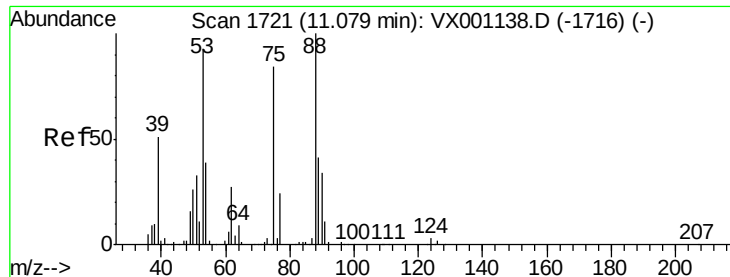
Tgt Ion: 105 Resp: 194704

Ion Ratio Lower Upper

105 100

120 49.3 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.41 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD01

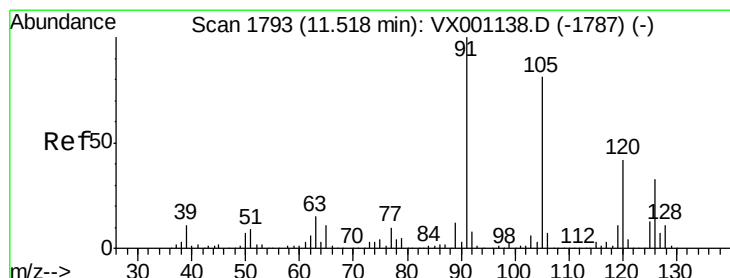
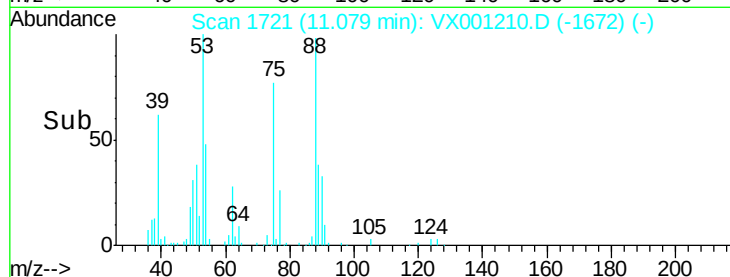
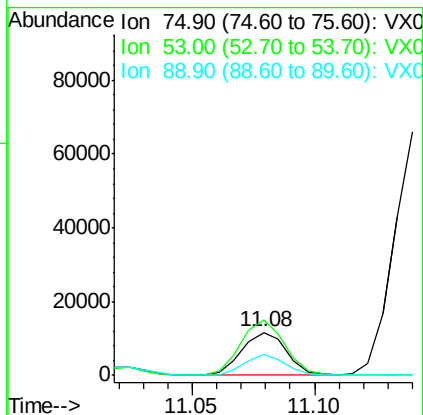
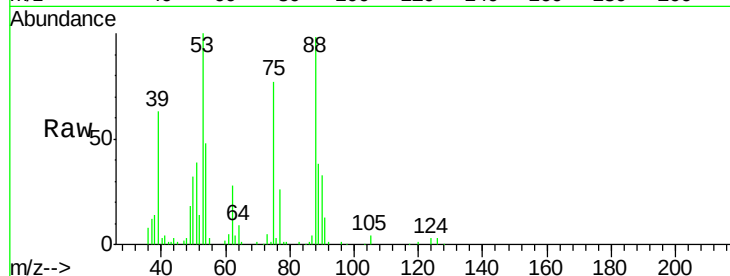
Tgt Ion: 75 Resp: 14877

Ion Ratio Lower Upper

75 100

53 127.1 87.9 131.9

89 45.7 37.7 56.5



#82

4-Chlorotoluene

Concen: 20.27 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001210.D

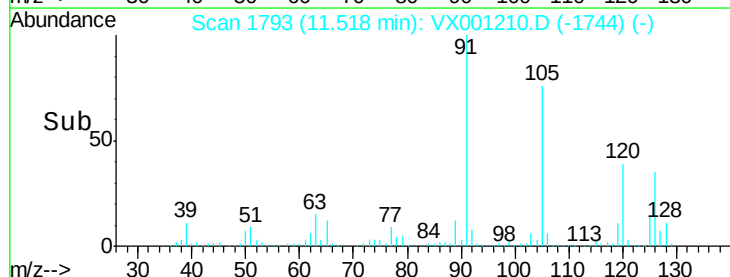
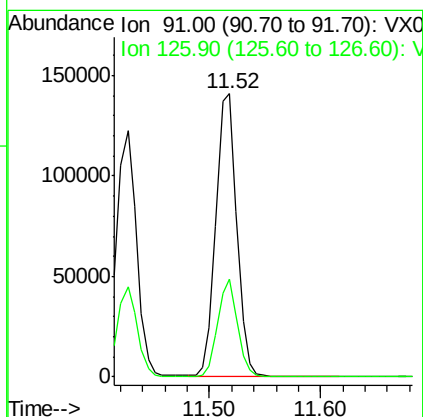
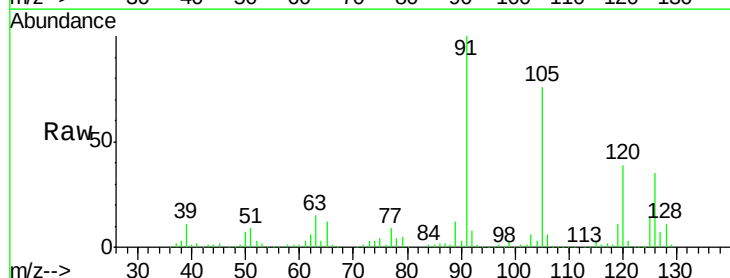
Acq: 28 Apr 2018 13:48

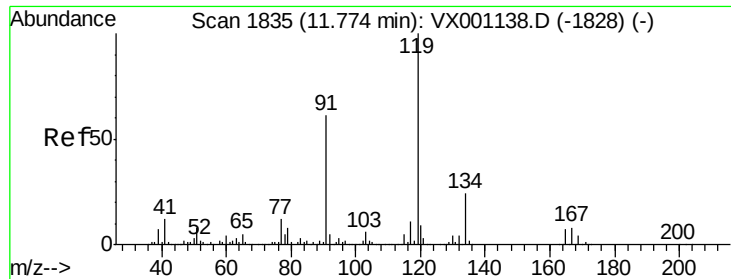
Tgt Ion: 91 Resp: 184629

Ion Ratio Lower Upper

91 100

126 32.4 15.8 47.4

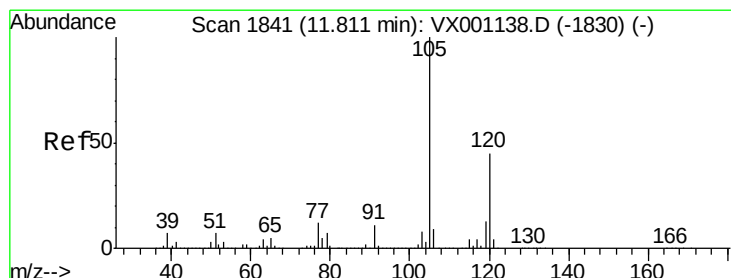
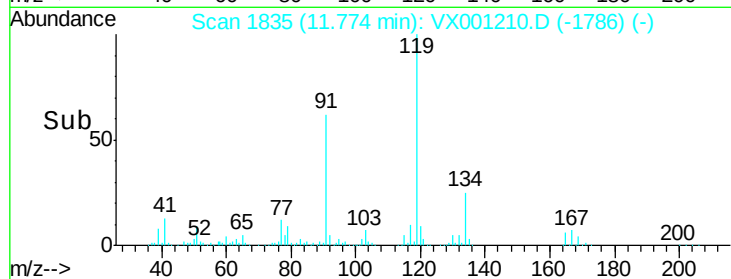
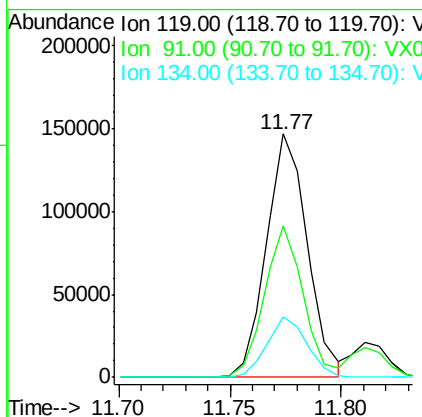
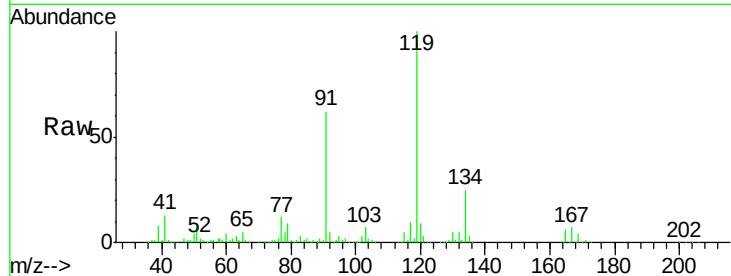




#83
 tert-Butylbenzene
 Concen: 19.98 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

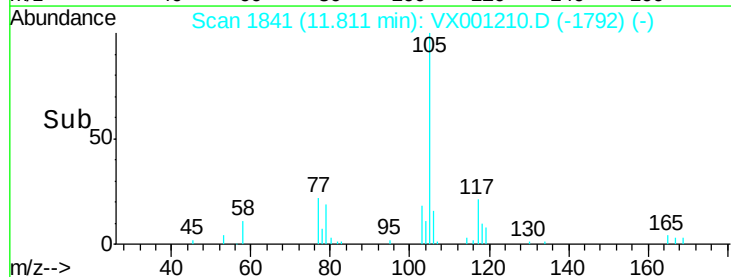
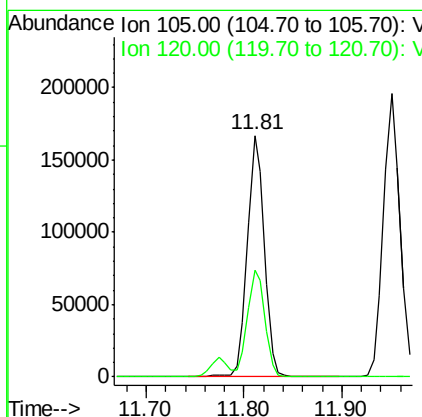
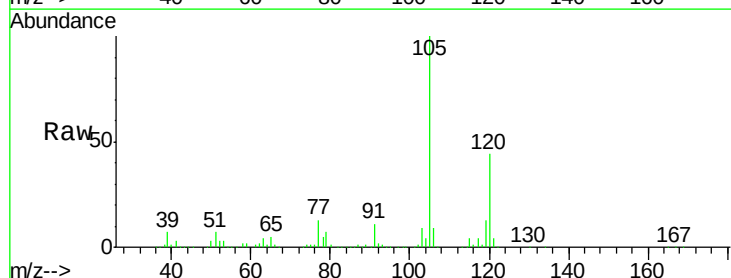
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBSD01

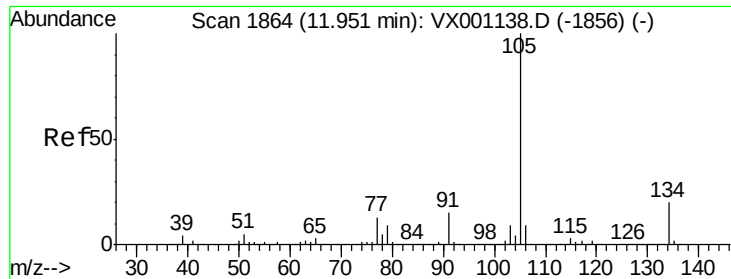
Tgt Ion:119 Resp: 187147
 Ion Ratio Lower Upper
 119 100
 91 59.3 27.6 82.8
 134 24.6 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.89 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

Tgt Ion:105 Resp: 201502
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3





#85

sec-Butylbenzene

Concen: 21.24 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

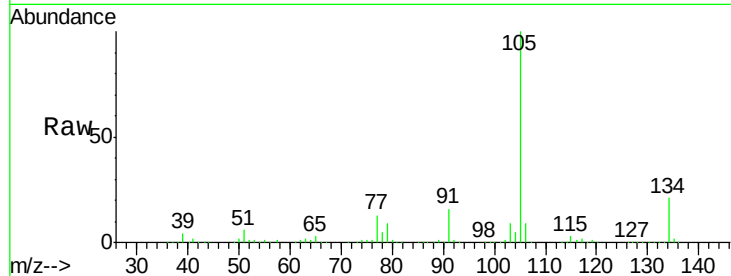
VX0428WBSD01

Tgt Ion:105 Resp: 232311

Ion Ratio Lower Upper

105 100

134 21.2 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

100000

50000

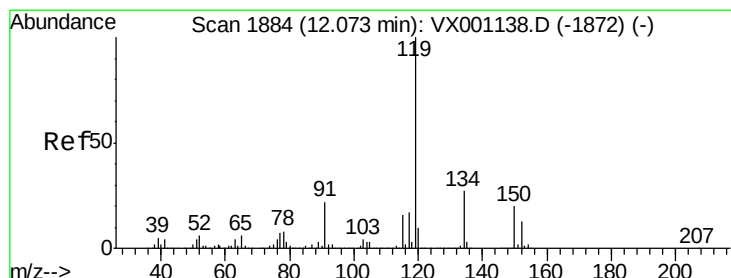
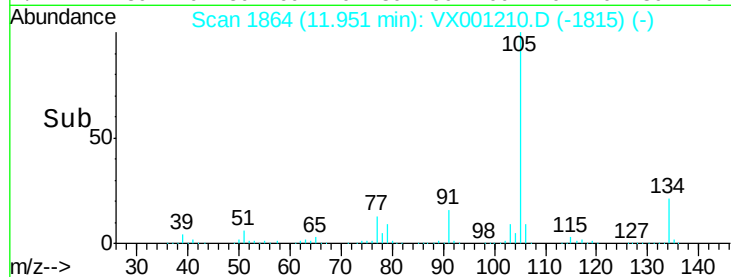
0

11.90

11.95

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 20.84 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

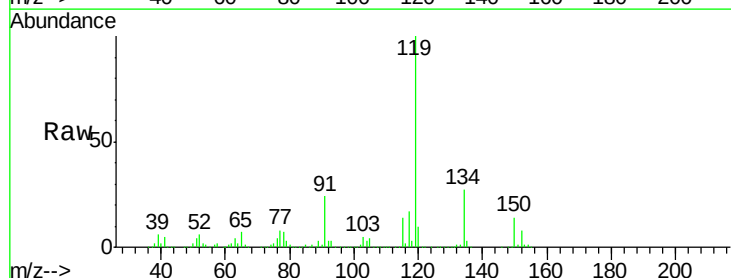
Tgt Ion:119 Resp: 212096

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

91 23.6 11.6 34.8



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): V

200000

150000

100000

50000

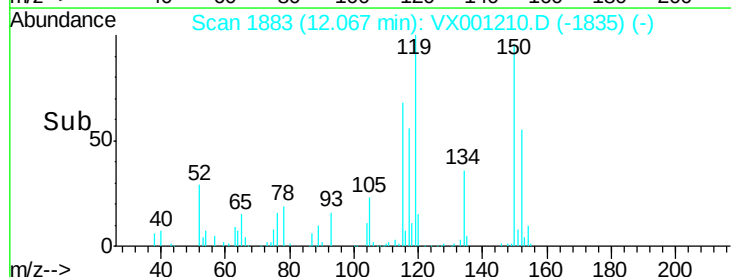
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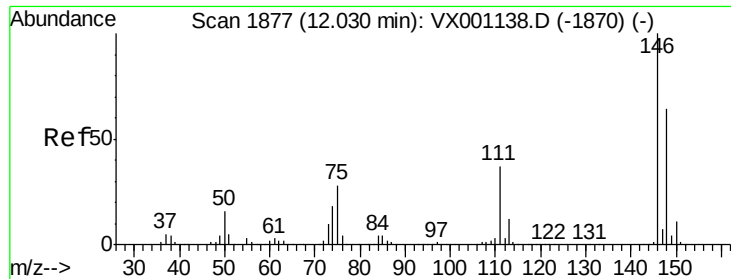
12.00

12.07

12.20

Time-->

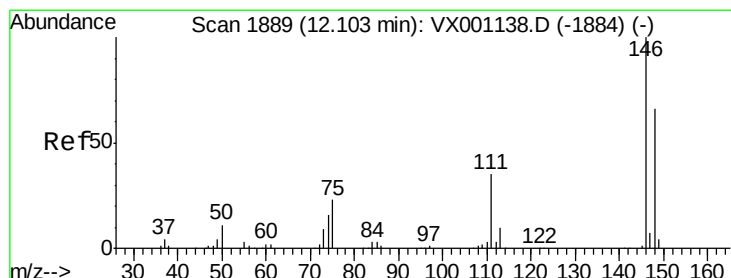
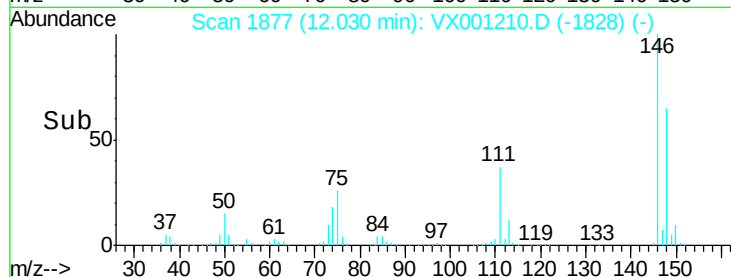
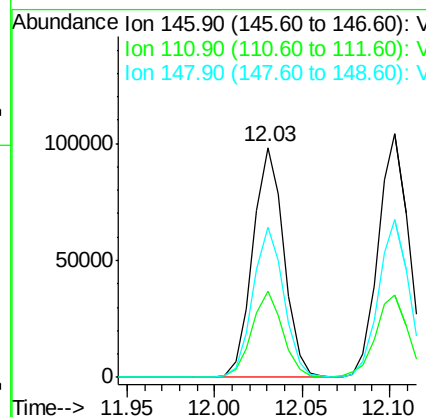
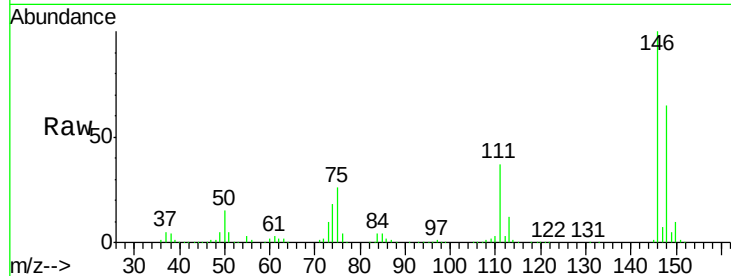




#87
 1,3-Dichlorobenzene
 Concen: 20.60 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

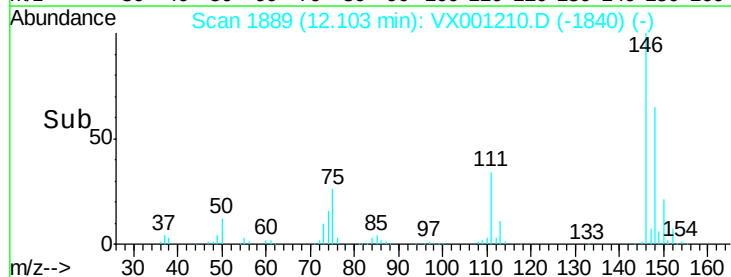
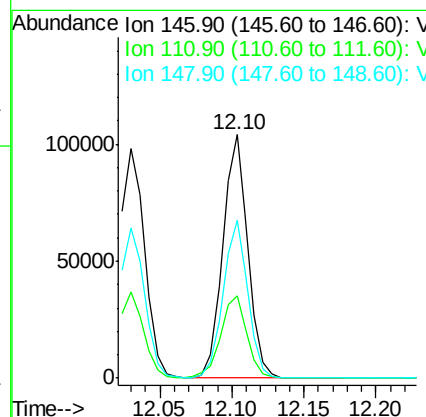
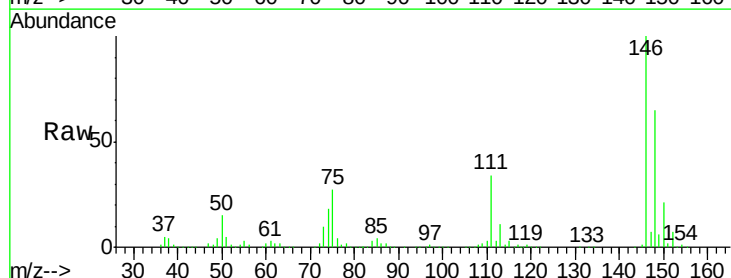
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0428WBSD01

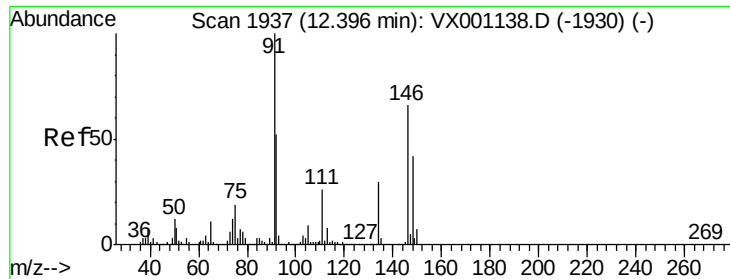
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.6	56.0
148	64.8	32.3	96.8



#88
 1,4-Dichlorobenzene
 Concen: 20.57 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.0	54.0
148	64.4	32.5	97.5

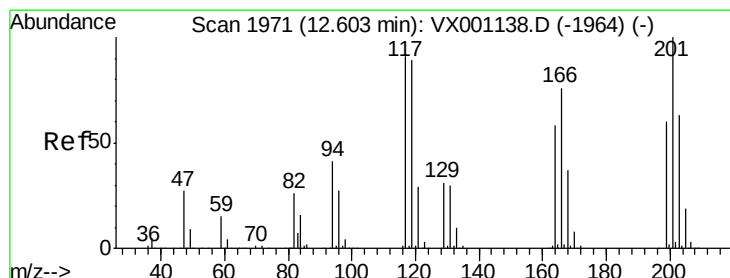
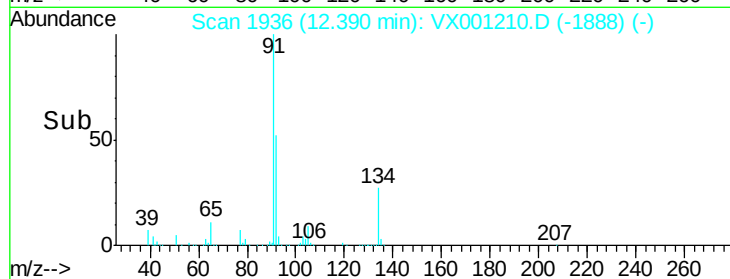
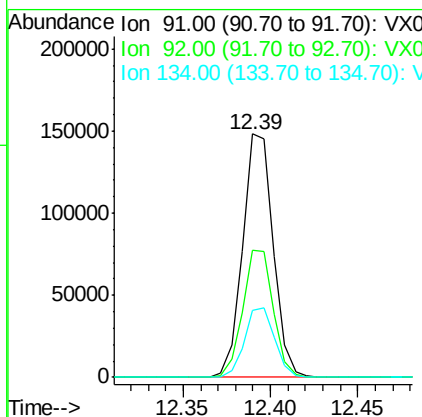
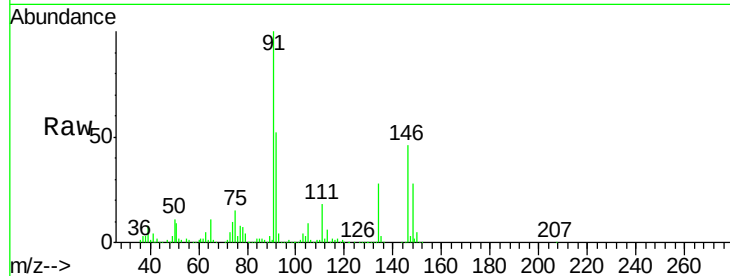




#89
n-Butylbenzene
Concen: 20.43 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

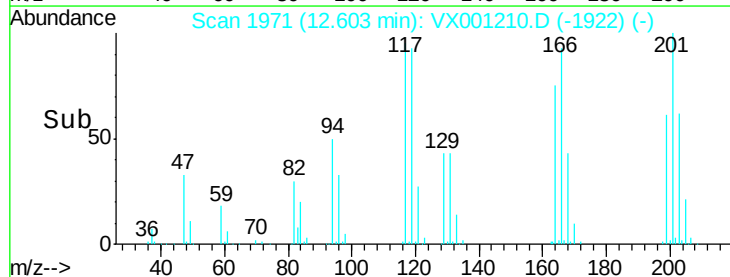
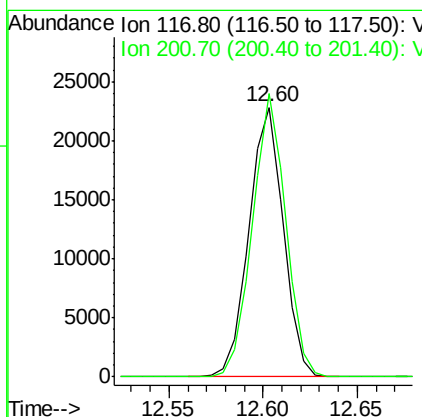
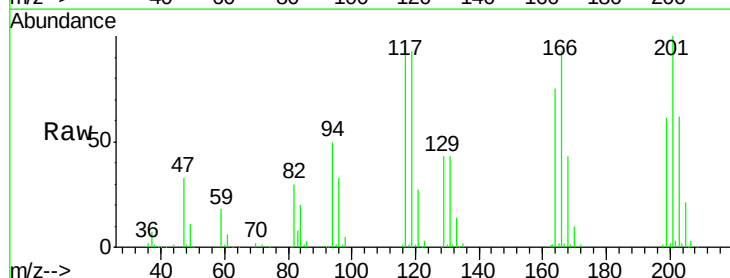
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD01

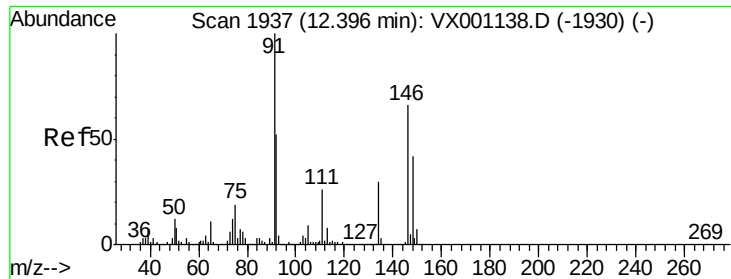
Tgt Ion: 91 Resp: 179930
Ion Ratio Lower Upper
91 100
92 52.2 26.2 78.6
134 28.3 14.1 42.3



#90
Hexachloroethane
Concen: 19.75 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Tgt Ion: 117 Resp: 28835
Ion Ratio Lower Upper
117 100
201 101.6 51.8 155.4

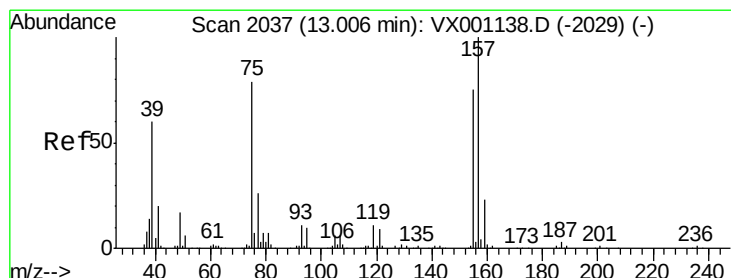
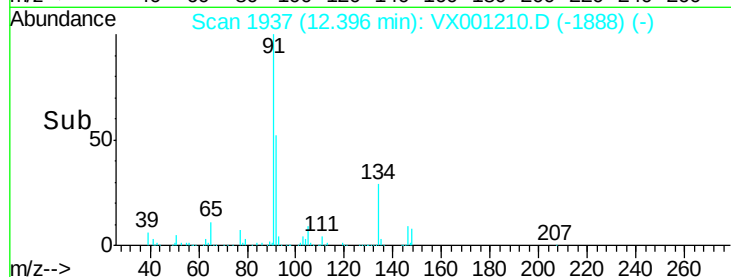
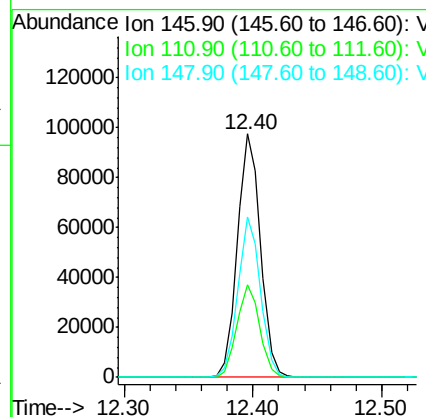
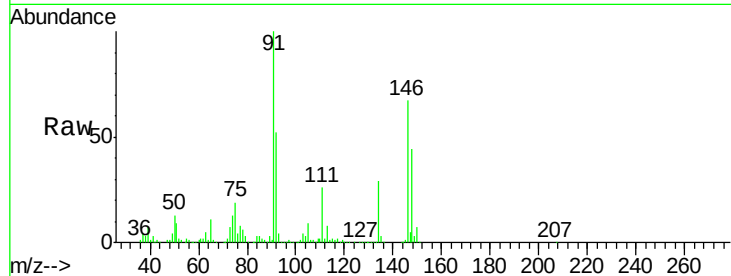




#91
 1,2-Dichlorobenzene
 Concen: 20.49 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

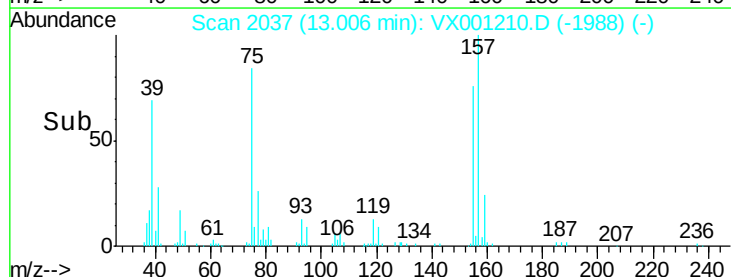
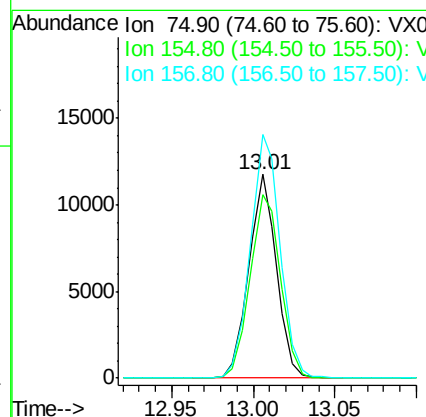
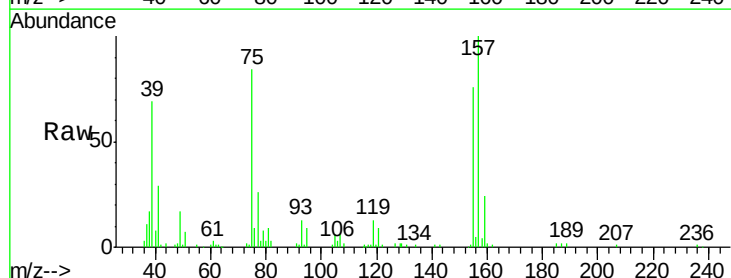
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBSD01

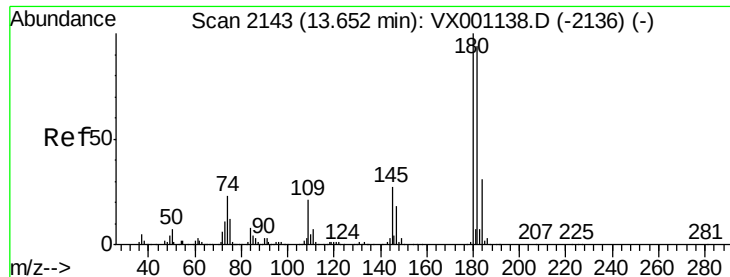
Tgt Ion: 146 Resp: 122192
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.1 57.3
 148 64.5 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.18 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

Tgt Ion: 75 Resp: 13944
 Ion Ratio Lower Upper
 75 100
 155 98.4 48.4 145.3
 157 127.7 62.7 188.1

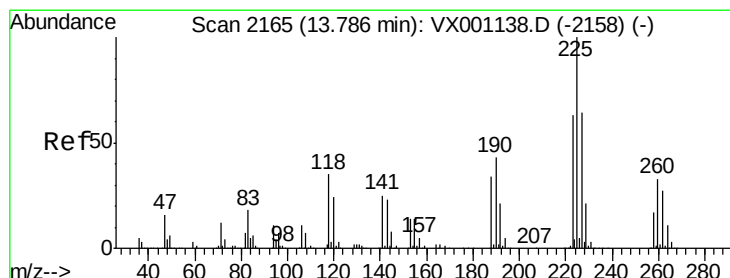
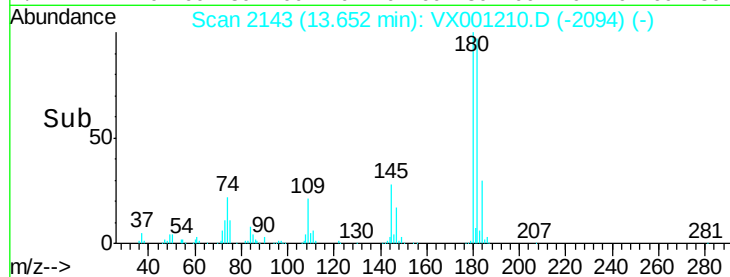
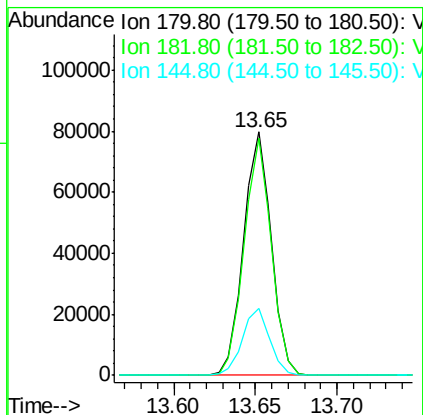
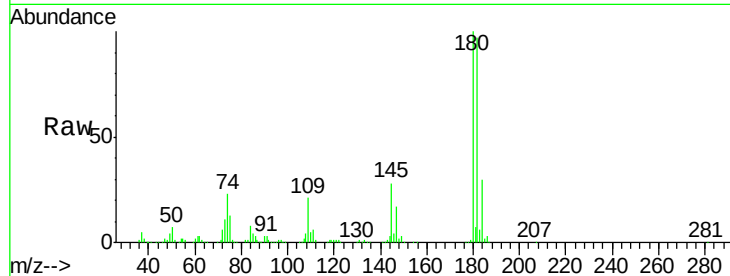




#93
1,2,4-Trichlorobenzene
Concen: 20.22 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

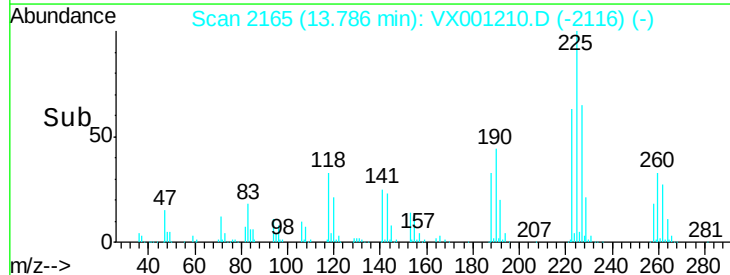
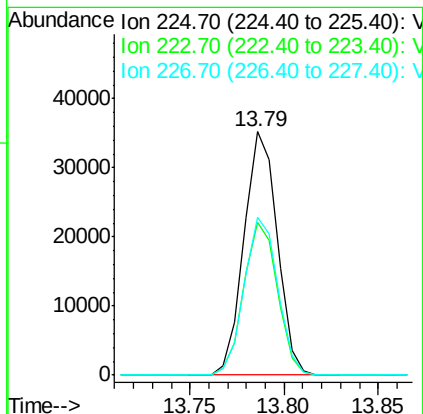
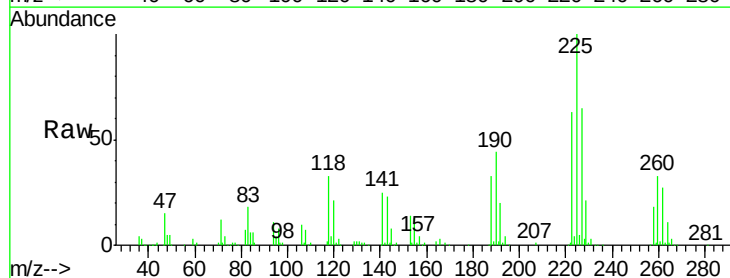
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD01

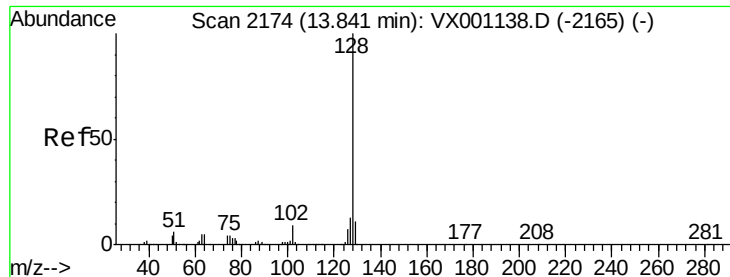
Tgt Ion:180 Resp: 94552
Ion Ratio Lower Upper
180 100
182 95.8 47.9 143.6
145 27.3 13.8 41.4



#94
Hexachlorobutadiene
Concen: 19.68 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Tgt Ion:225 Resp: 43250
Ion Ratio Lower Upper
225 100
223 63.3 31.3 93.9
227 65.4 32.2 96.6

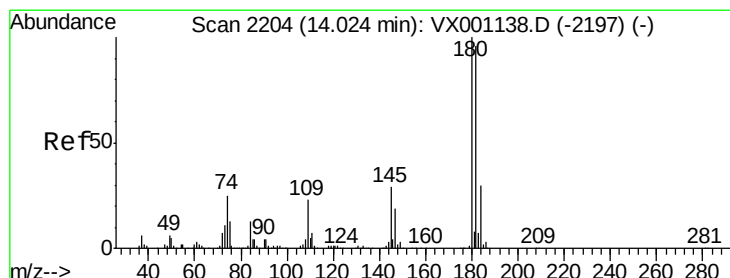
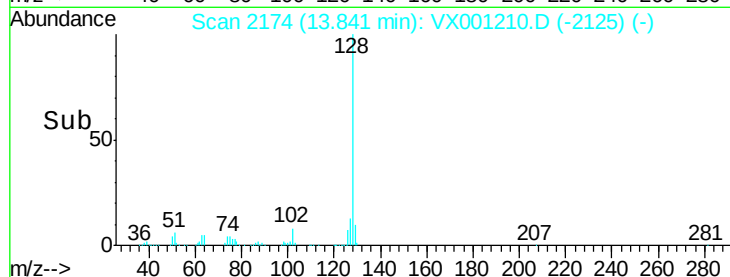
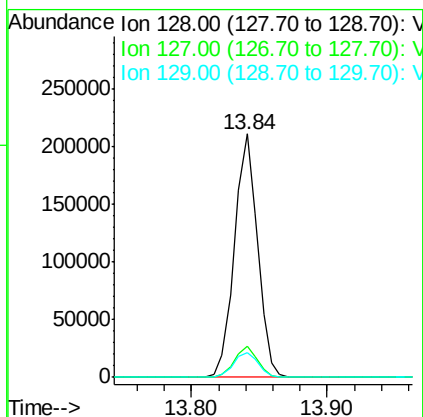
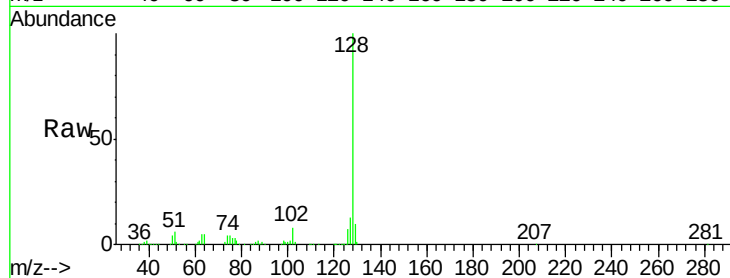




#95
Naphthalene
Concen: 19.12 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD01

Tgt Ion:128 Resp: 249018
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.19 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Tgt Ion:180 Resp: 93931
Ion Ratio Lower Upper
180 100
182 94.6 48.2 144.6
145 28.7 14.5 43.5

