

Data File : VX001209.D

Acq On : 28 Apr 2018 13:14

Operator : JC/MD

Sample : VX0428WBS01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS01

Quant Time: Apr 30 01:26:19 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	208142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	271035	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	259415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178564	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	138588	42.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.90%	
35) Dibromofluoromethane	5.51	113	111595	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	8.72	98	432728	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
62) 4-Bromofluorobenzene	11.14	95	166432	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43850	20.09	ug/l	100
3) Chloromethane	1.32	50	40854	17.87	ug/l	99
4) Vinyl Chloride	1.40	62	45837	18.90	ug/l	100
5) Bromomethane	1.64	94	33751	21.47	ug/l	92
6) Chloroethane	1.73	64	28345	18.57	ug/l	97
7) Trichlorofluoromethane	1.93	101	80109	20.45	ug/l	99
8) Diethyl Ether	2.19	74	27264	18.10	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46355	21.48	ug/l	99
10) Methyl Iodide	2.51	142	30540	18.88	ug/l	98
11) Tert butyl alcohol	3.07	59	51294	80.62	ug/l	99
12) 1,1-Dichloroethene	2.38	96	40577	19.28	ug/l	98
13) Acrolein	2.29	56	13110	54.50	ug/l	91
14) Allyl chloride	2.73	41	71888	18.72	ug/l	96
15) Acrylonitrile	3.15	53	111863	82.33	ug/l	99
16) Acetone	2.45	43	119039	89.72	ug/l	99
17) Carbon Disulfide	2.57	76	96498	17.97	ug/l	100
18) Methyl Acetate	2.78	43	57899	17.44	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	139863	18.05	ug/l	99
20) Methylene Chloride	2.86	84	46132	18.67	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	43543	18.71	ug/l	99
22) Diisopropyl ether	3.87	45	135018	17.57	ug/l	94
23) Vinyl Acetate	3.83	43	600495	92.13	ug/l	100
24) 1,1-Dichloroethane	3.70	63	79487	19.69	ug/l	97
25) 2-Butanone	4.71	43	161139	81.17	ug/l	97
26) 2,2-Dichloropropane	4.59	77	60341	18.99	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	48842	19.17	ug/l	98
28) Bromochloromethane	5.03	49	35807	19.78	ug/l	96
29) Tetrahydrofuran	5.17	42	99932	78.29	ug/l	100
30) Chloroform	5.22	83	80976	18.86	ug/l	98
31) Cyclohexane	5.57	56	67537	19.69	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	71363	19.25	ug/l	99
36) 1,1-Dichloropropene	5.80	75	59600	19.95	ug/l	98
37) Ethyl Acetate	4.87	43	61266	17.13	ug/l	99
38) Carbon Tetrachloride	5.79	117	62668	20.46	ug/l	99

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Sample : VX0428WBS01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS01

Quant Time: Apr 30 01:26:19 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	70315	21.27	ug/l	98
40) Benzene	6.15	78	178432	20.65	ug/l	99
41) Methacrylonitrile	5.07	41	34575	17.20	ug/l	98
42) 1,2-Dichloroethane	6.20	62	68252	19.60	ug/l	98
43) Isopropyl Acetate	6.47	43	99823	17.77	ug/l	100
44) Trichloroethene	7.22	130	55097	21.41	ug/l	95
45) 1,2-Dichloropropane	7.52	63	44249	19.47	ug/l	97
46) Dibromomethane	7.67	93	31680	20.13	ug/l	98
47) Bromodichloromethane	7.90	83	57948	20.27	ug/l	97
48) Methyl methacrylate	7.78	41	52215	17.49	ug/l	97
49) 1,4-Dioxane	7.76	88	22098	369.67	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	329428	89.28	ug/l	97
52) Toluene	8.79	92	117498	20.80	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	65736	19.78	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	60627	18.92	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	46729	19.55	ug/l	98
56) Ethyl methacrylate	9.19	69	65356	18.45	ug/l	98
57) 1,3-Dichloropropane	9.38	76	76842	19.87	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	150612	89.95	ug/l	100
59) 2-Hexanone	9.50	43	255098	88.24	ug/l	98
60) Dibromochloromethane	9.59	129	47587	19.25	ug/l	100
61) 1,2-Dibromoethane	9.68	107	49367	19.71	ug/l	99
64) Tetrachloroethene	9.34	164	63277	22.85	ug/l	98
65) Chlorobenzene	10.14	112	139376	20.51	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	47808	20.33	ug/l	99
67) Ethyl Benzene	10.26	91	230224	20.85	ug/l	99
68) m/p-Xylenes	10.36	106	183738	42.09	ug/l	99
69) o-Xylene	10.70	106	86969	20.54	ug/l	99
70) Styrene	10.72	104	143779	20.40	ug/l	100
71) Bromoform	10.86	173	36839	18.37	ug/l #	99
73) Isopropylbenzene	11.02	105	234760	20.17	ug/l	99
74) N-amyl acetate	6.47	43	99823	17.02	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	68284	17.68	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	73292	20.16	ug/l	94
77) Bromobenzene	11.26	156	68072	19.72	ug/l	97
78) n-propylbenzene	11.37	91	271382	20.91	ug/l	100
79) 2-Chlorotoluene	11.43	91	160217	19.92	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	201843	20.48	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	14584	16.59	ug/l	90
82) 4-Chlorotoluene	11.51	91	192808	20.16	ug/l	100
83) tert-Butylbenzene	11.77	119	194260	19.75	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	207830	20.52	ug/l	99
85) sec-Butylbenzene	11.95	105	240995	20.98	ug/l	100
86) p-Isopropyltoluene	12.07	119	220441	20.63	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	127271	20.54	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	129788	20.10	ug/l	99
89) n-Butylbenzene	12.39	91	188555	20.39	ug/l	99
90) Hexachloroethane	12.60	117	29547	19.35	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	125531	20.05	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13869	16.27	ug/l	97

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

Data File : VX001209.D
Acq On : 28 Apr 2018 13:14
Operator : JC/MD
Sample : VX0428WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS01

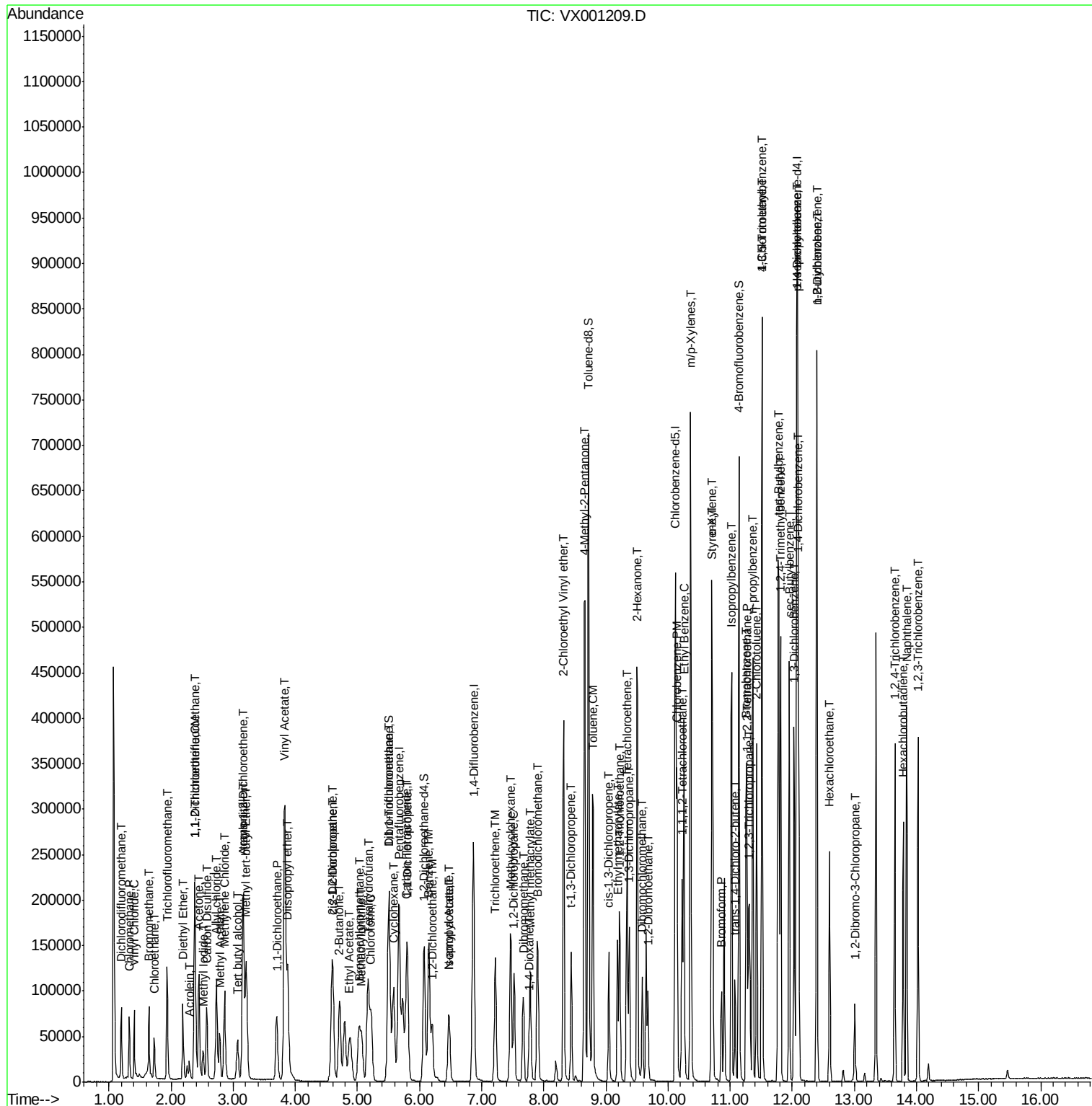
Quant Time: Apr 30 01:26:19 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:51:42 2018
Response via : Initial Calibration

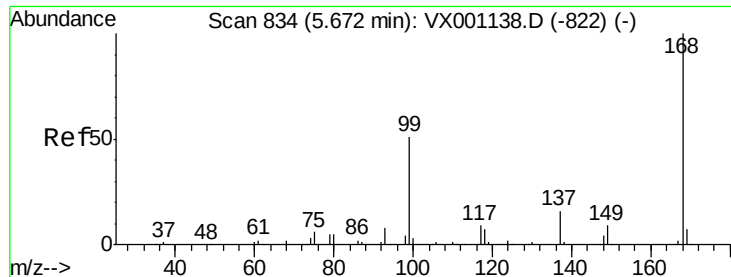
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	95818	19.52	ug/l	100
94) Hexachlorobutadiene	13.79	225	44238	19.17	ug/l	98
95) Naphthalene	13.84	128	247991	18.13	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	94688	19.38	ug/l	100

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

ALS Vial : 4 Sample Multiplier: 1

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: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

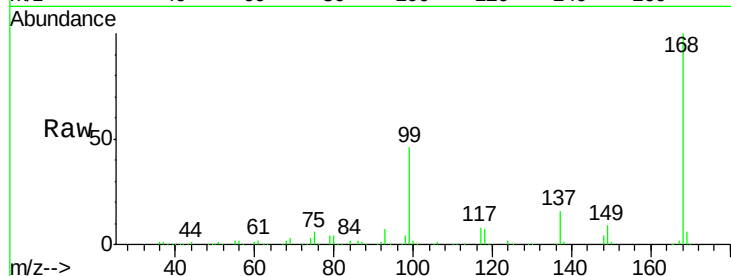
VX0428WBS01

Tgt Ion:168 Resp: 208142

Ion Ratio Lower Upper

168 100

99 46.3 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

80000

60000

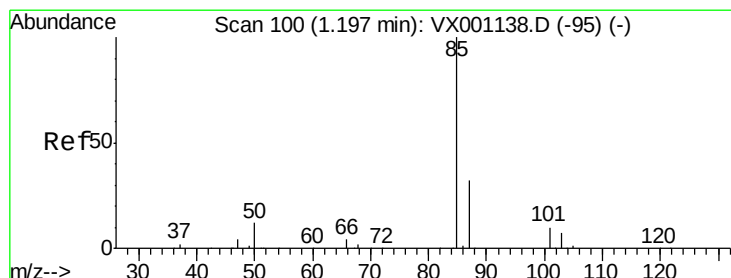
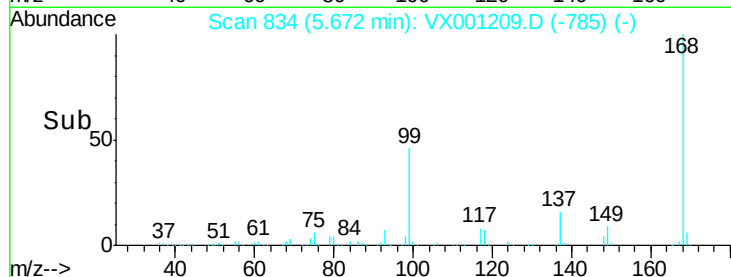
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.09 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001209.D

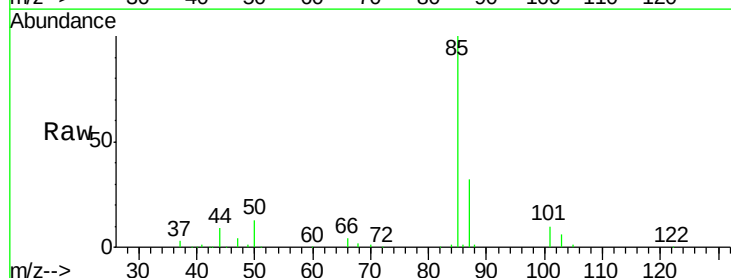
Acq: 28 Apr 2018 13:14

Tgt Ion: 85 Resp: 43850

Ion Ratio Lower Upper

85 100

87 31.9 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

50000

40000

30000

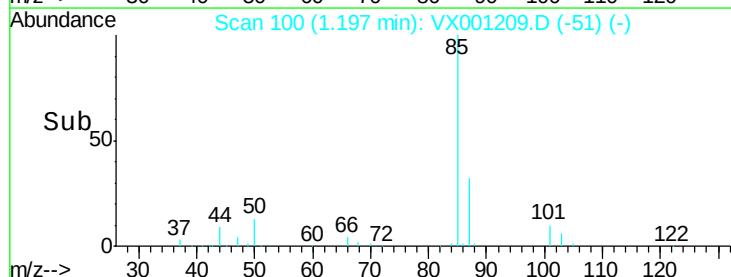
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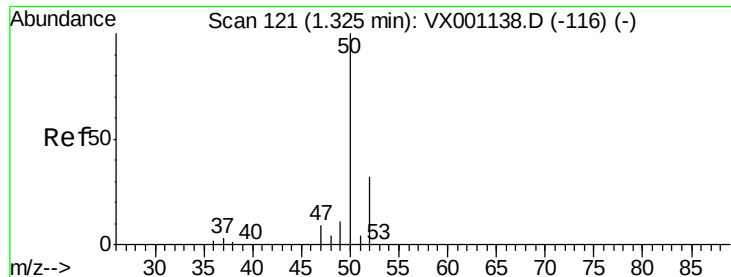
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 17.87 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

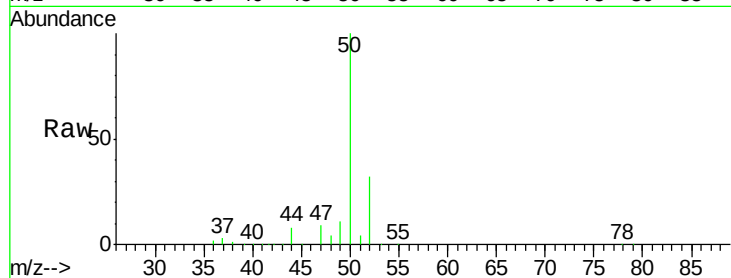
VX0428WBS01

Tgt Ion: 50 Resp: 40854

Ion Ratio Lower Upper

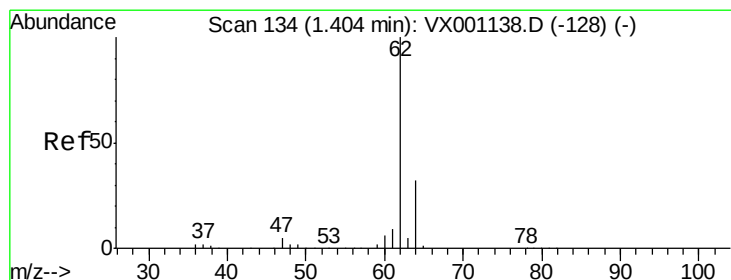
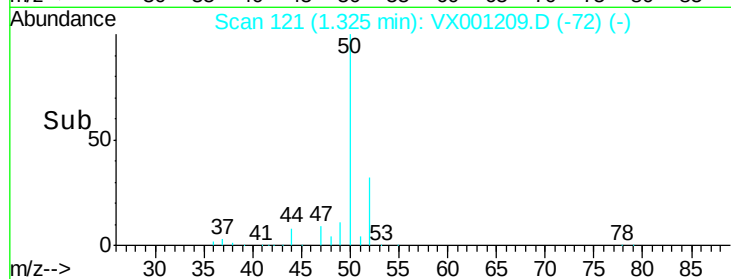
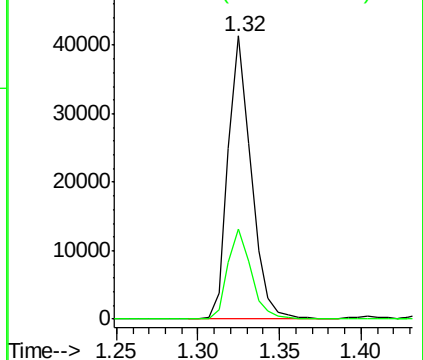
50 100

52 31.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.90 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001209.D

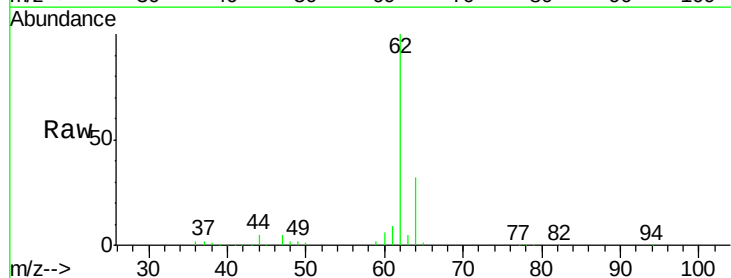
Acq: 28 Apr 2018 13:14

Tgt Ion: 62 Resp: 45837

Ion Ratio Lower Upper

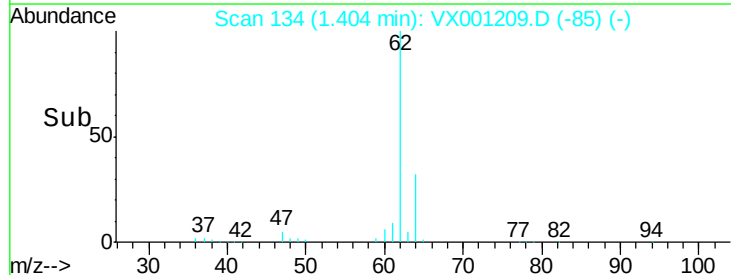
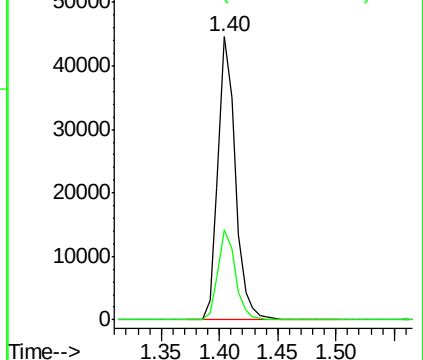
62 100

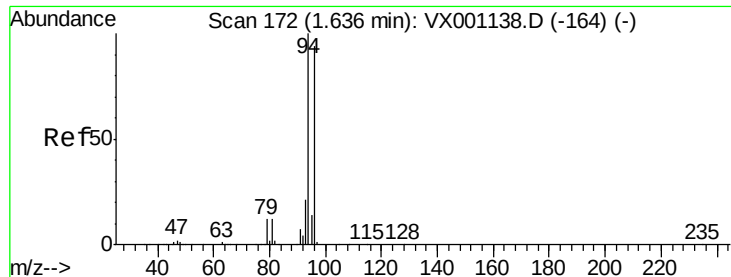
64 31.9 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.47 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

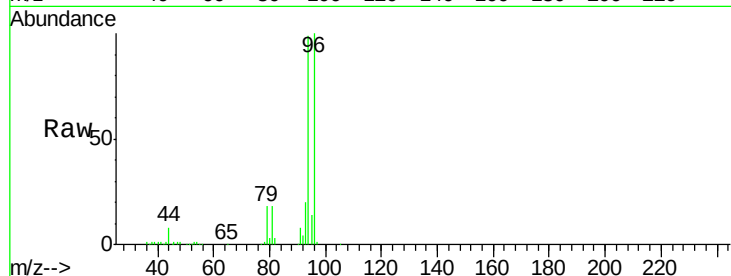
VX0428WBS01

Tgt Ion: 94 Resp: 33751

Ion Ratio Lower Upper

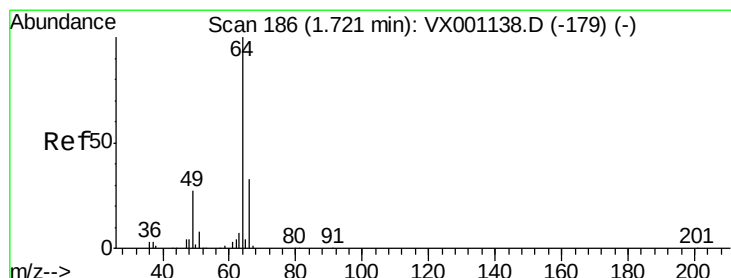
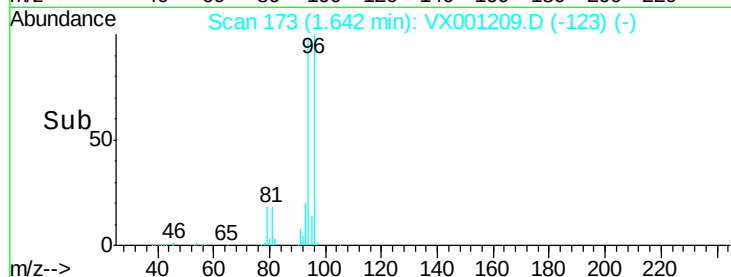
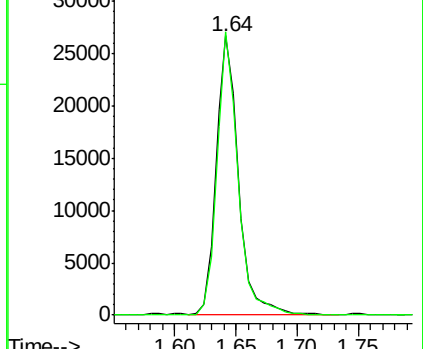
94 100

96 101.5 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: 18.57 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001209.D

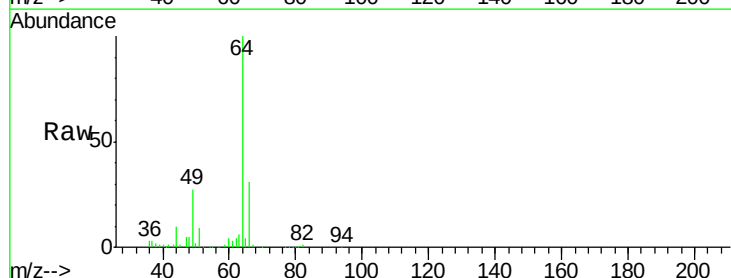
Acq: 28 Apr 2018 13:14

Tgt Ion: 64 Resp: 28345

Ion Ratio Lower Upper

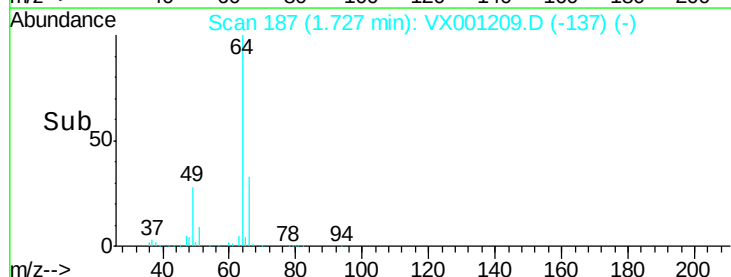
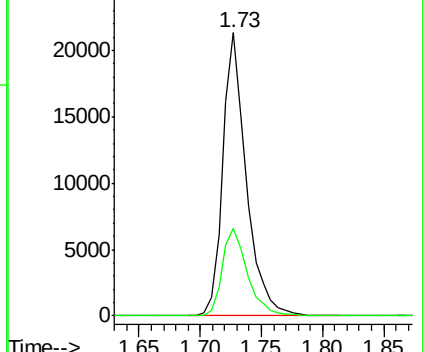
64 100

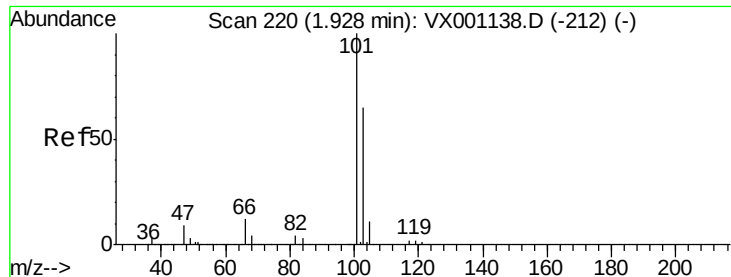
66 30.7 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



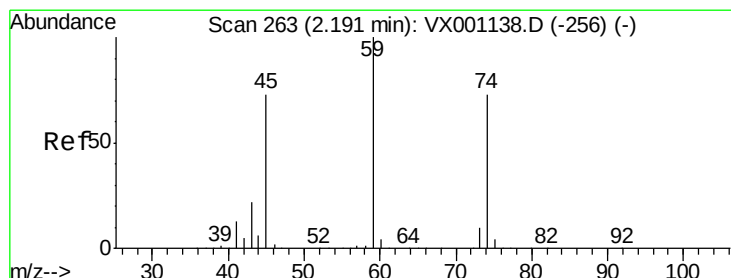
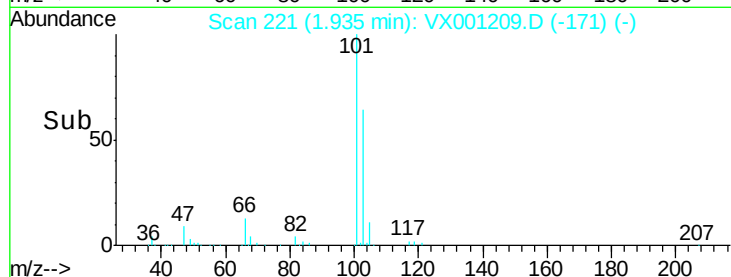
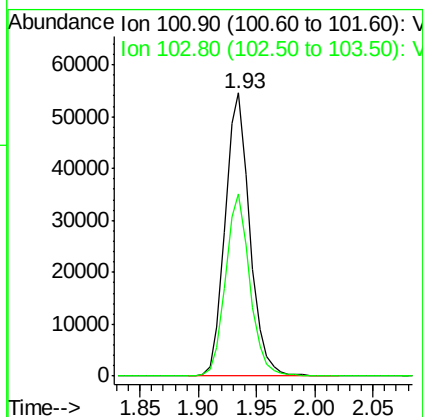
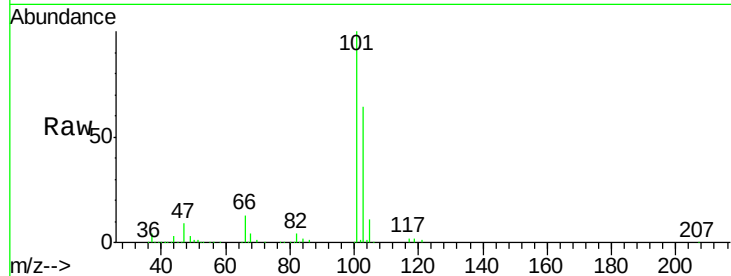


#7

Trichlorofluoromethane
 Concen: 20.45 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS01

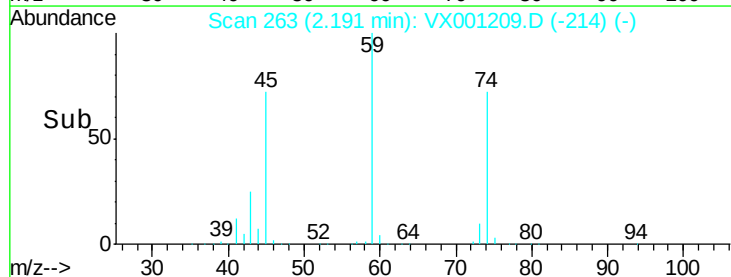
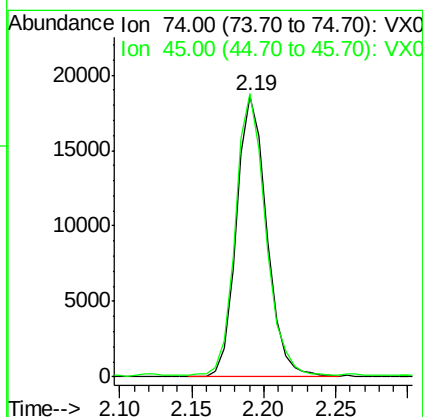
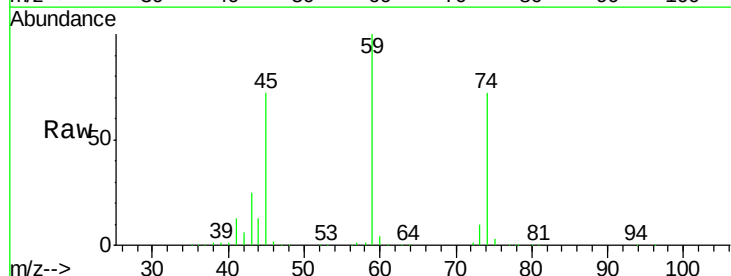
Tgt Ion:101 Resp: 80109
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.9 77.9

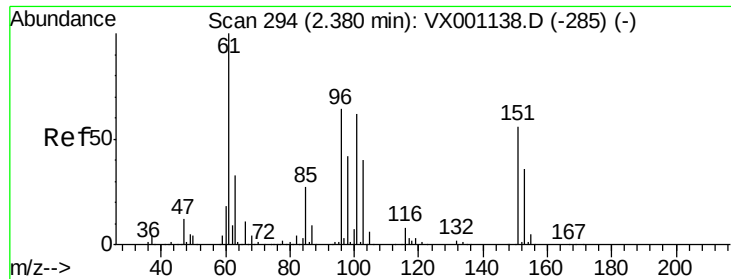


#8

Diethyl Ether
 Concen: 18.10 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Tgt Ion: 74 Resp: 27264
 Ion Ratio Lower Upper
 74 100
 45 99.5 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.48 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS01

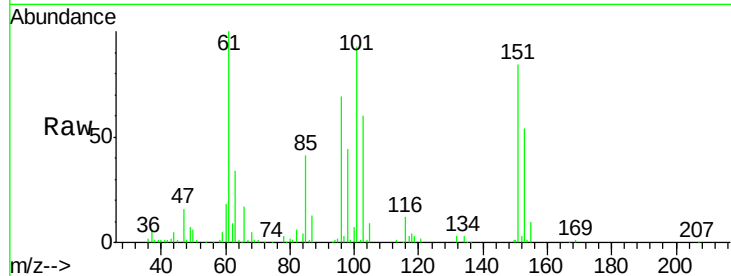
Tgt Ion:101 Resp: 46355

Ion Ratio Lower Upper

101 100

85 43.9 35.4 53.0

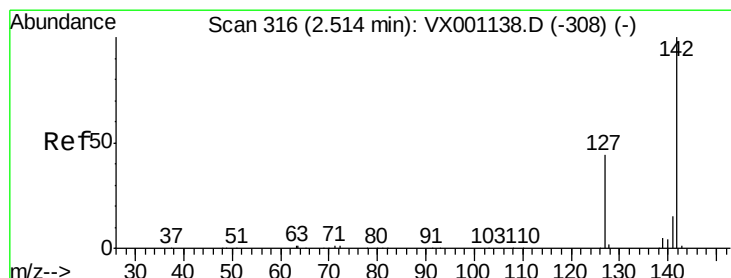
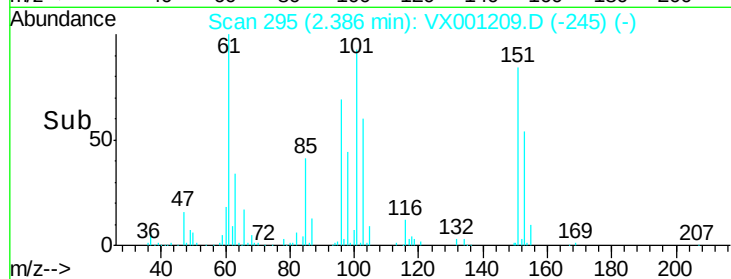
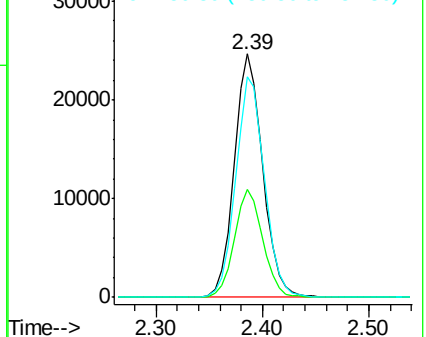
151 91.1 74.2 111.4



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: 18.88 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

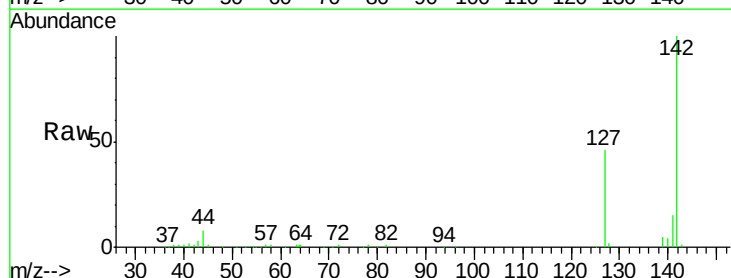
Tgt Ion:142 Resp: 30540

Ion Ratio Lower Upper

142 100

127 45.1 34.7 52.1

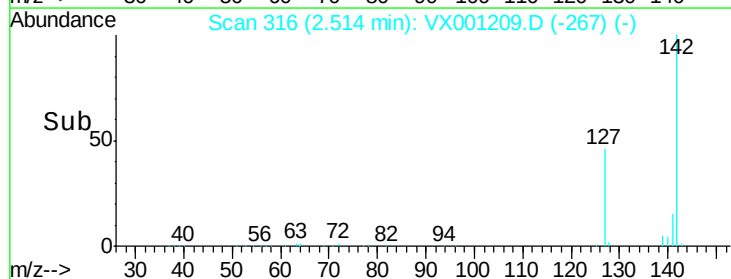
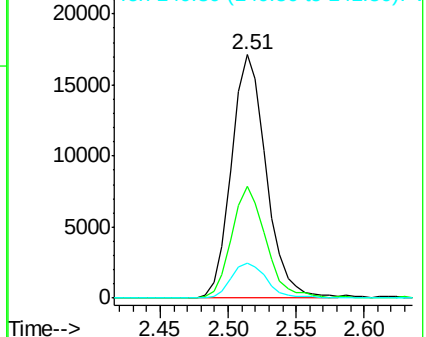
141 14.9 11.6 17.4

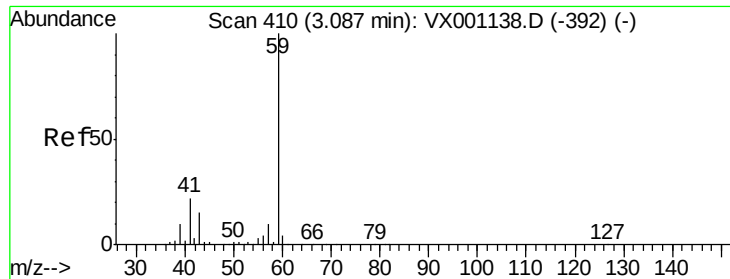


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

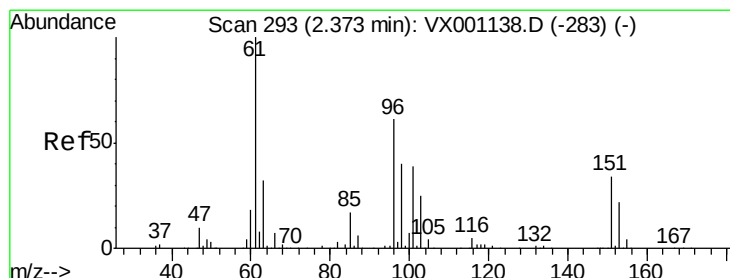
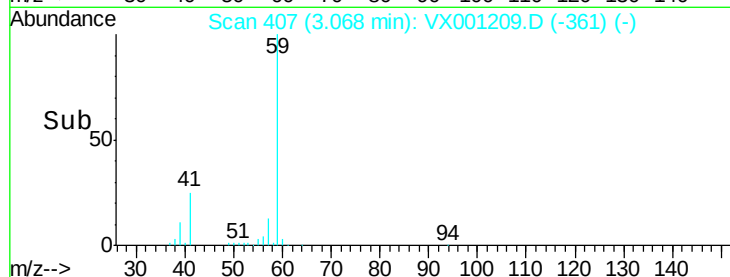
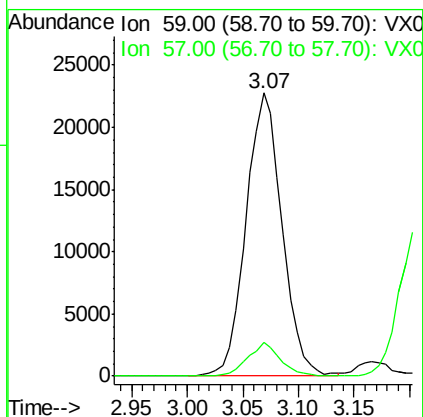
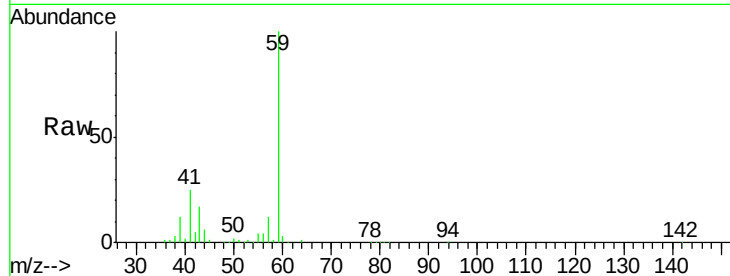




#11
Tert butyl alcohol
Concen: 80.62 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

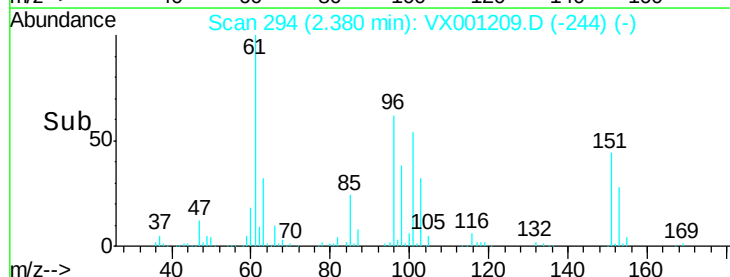
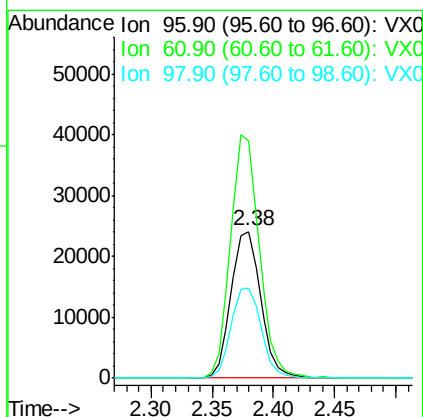
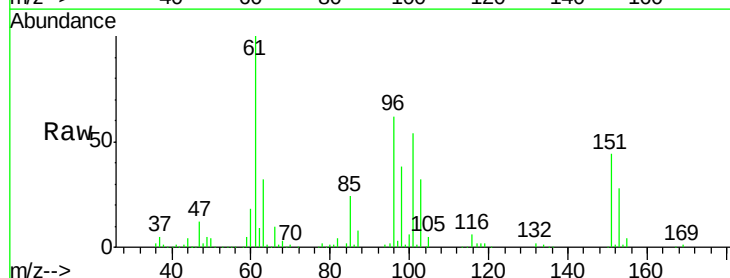
Instrument :
MSVOA_X
ClientSampled :
VX0428WBS01

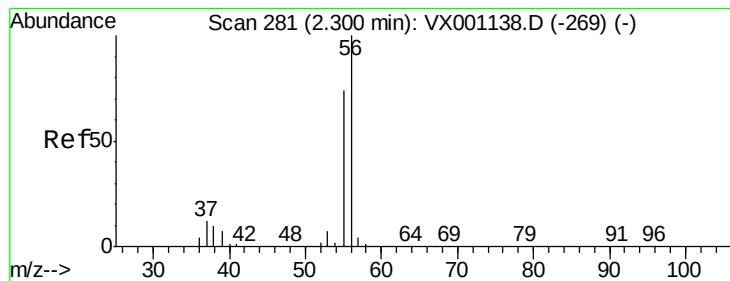
Tgt Ion: 59 Resp: 51294
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.28 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Tgt Ion: 96 Resp: 40577
Ion Ratio Lower Upper
96 100
61 161.8 130.2 195.4
98 61.6 51.5 77.3





#13

Acrolein

Concen: 54.50 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

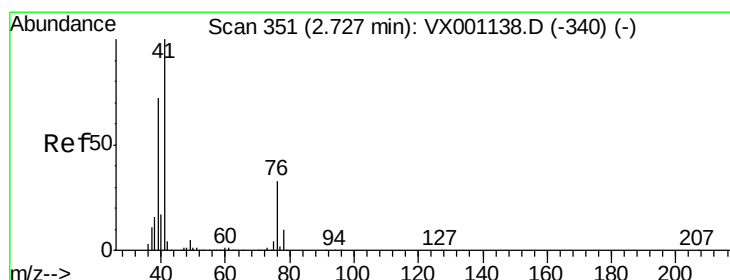
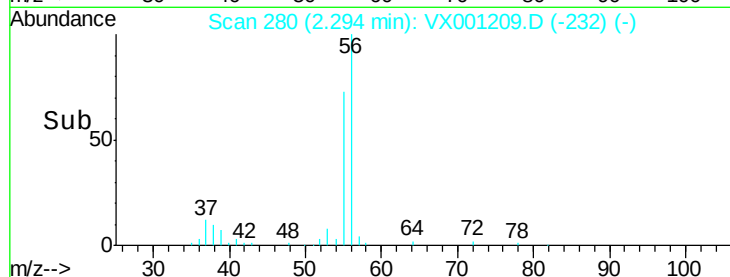
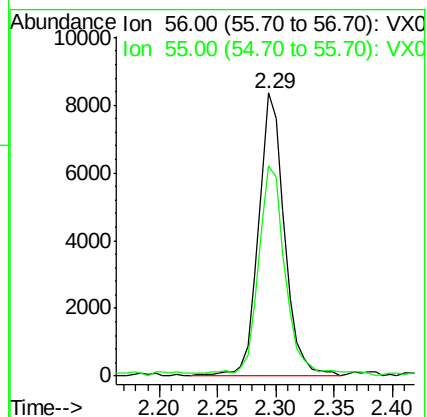
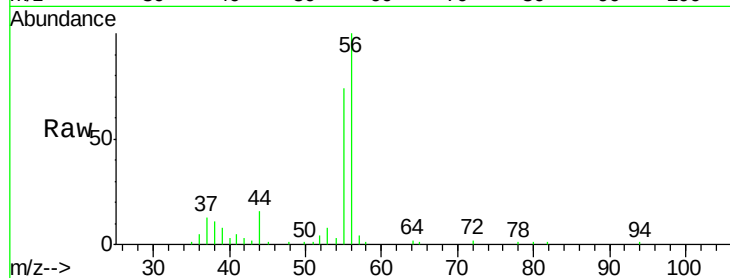
VX0428WBS01

Tgt Ion: 56 Resp: 13110

Ion Ratio Lower Upper

56 100

55 78.9 57.2 85.8



#14

Allyl chloride

Concen: 18.72 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

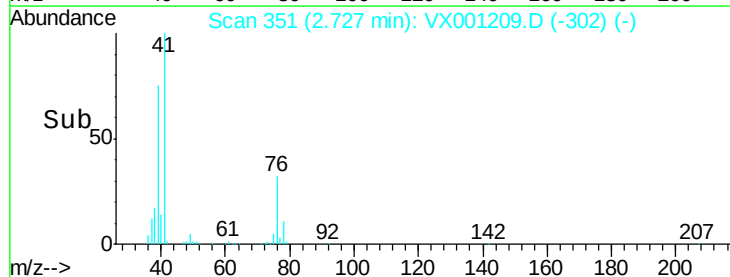
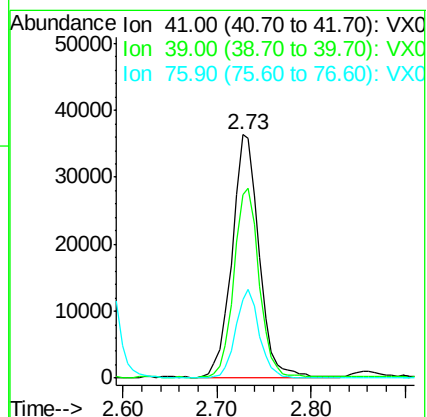
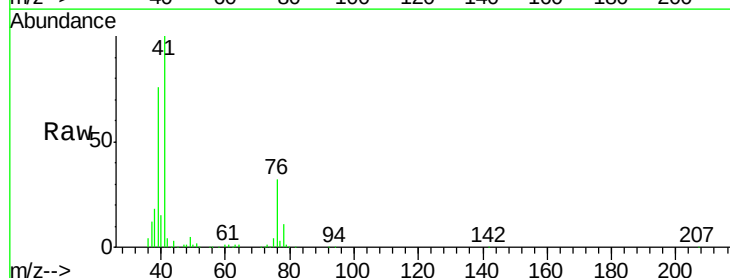
Tgt Ion: 41 Resp: 71888

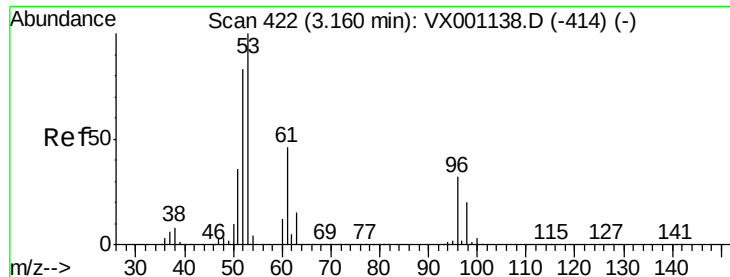
Ion Ratio Lower Upper

41 100

39 73.1 55.6 83.4

76 32.2 24.8 37.2





#15

Acrylonitrile

Concen: 82.33 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS01

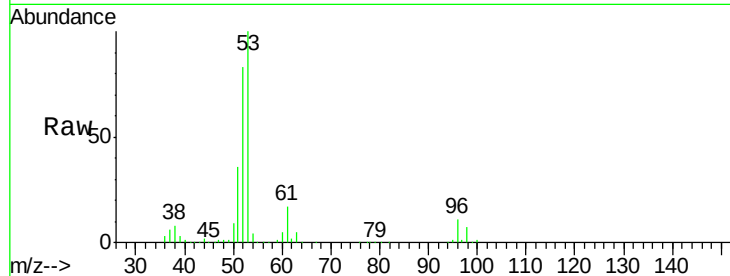
Tgt Ion: 53 Resp: 111863

Ion Ratio Lower Upper

53 100

52 83.5 66.5 99.7

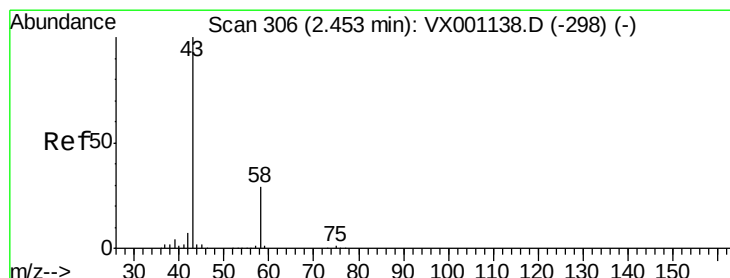
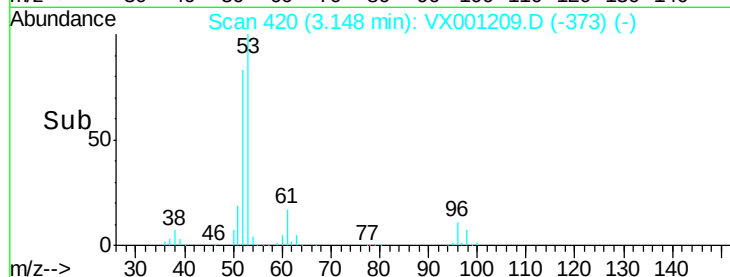
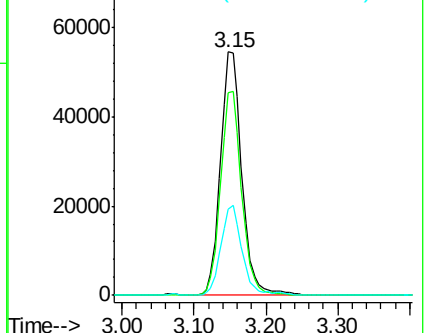
51 37.4 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 89.72 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001209.D

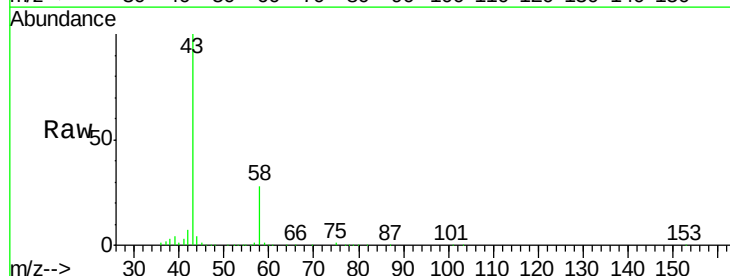
Acq: 28 Apr 2018 13:14

Tgt Ion: 43 Resp: 119039

Ion Ratio Lower Upper

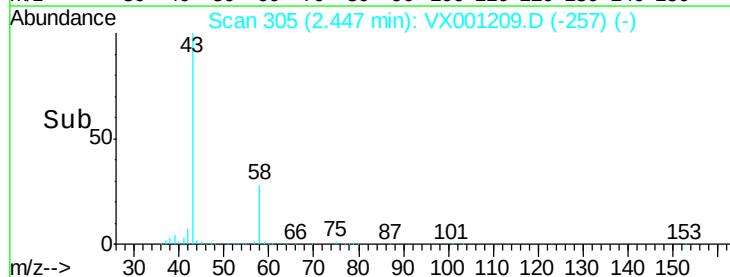
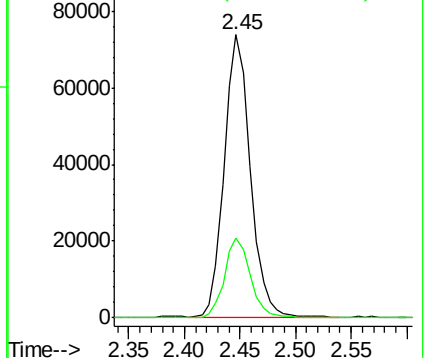
43 100

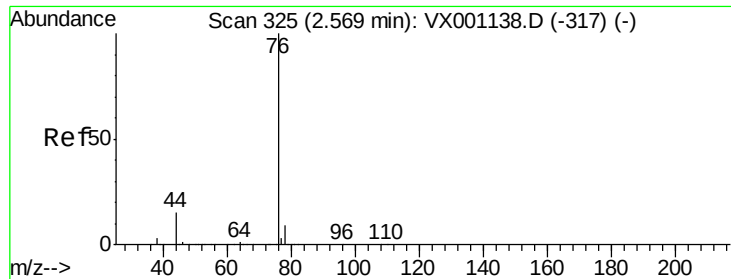
58 28.1 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

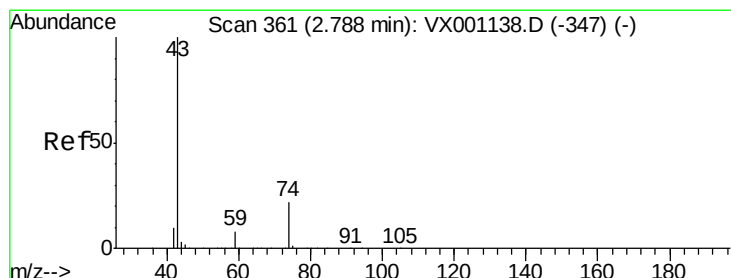
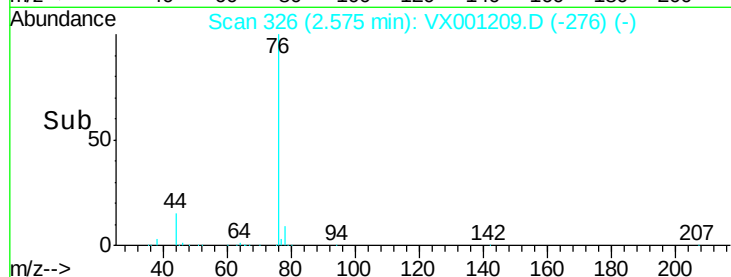
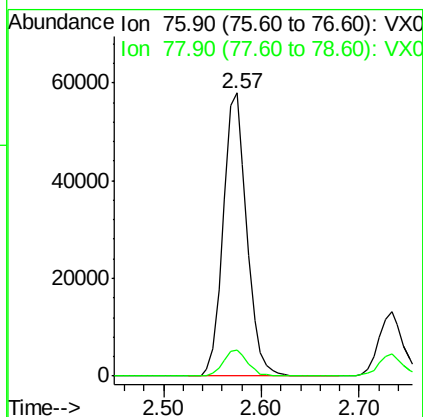
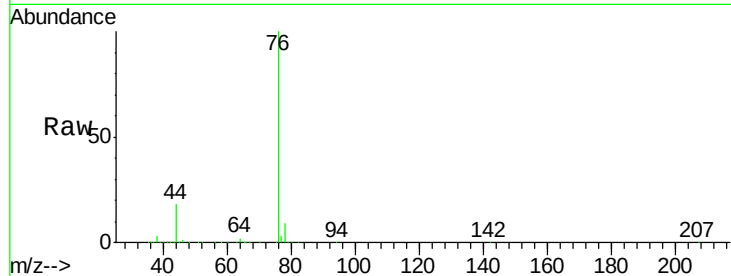




#17
Carbon Disulfide
Concen: 17.97 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

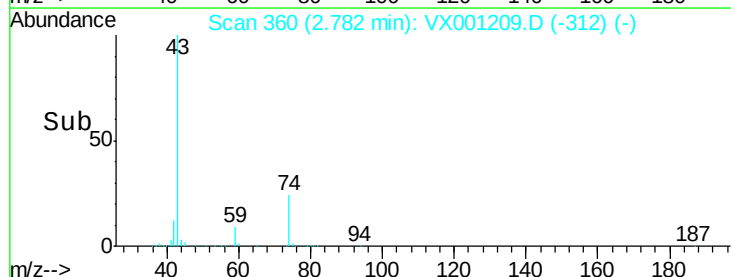
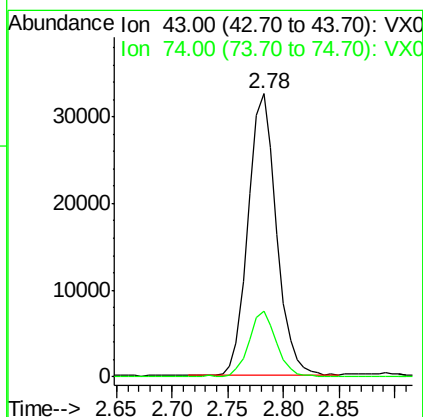
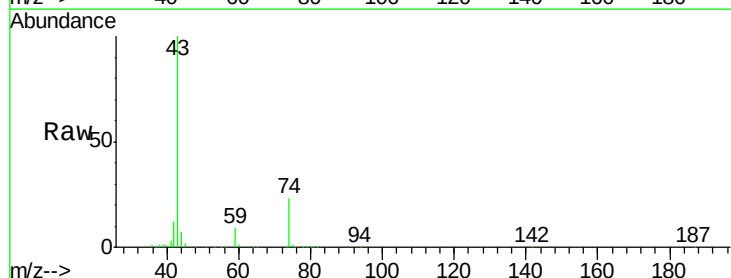
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS01

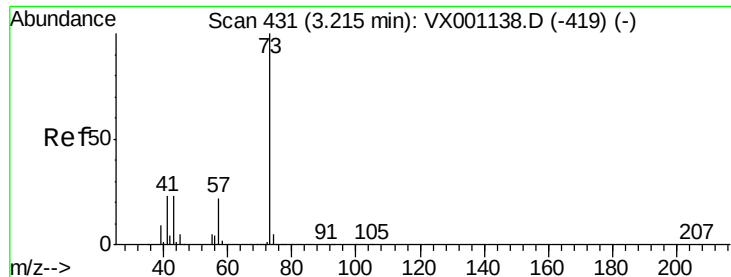
Tgt Ion: 76 Resp: 96498
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 17.44 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Tgt Ion: 43 Resp: 57899
Ion Ratio Lower Upper
43 100
74 22.6 18.1 27.1

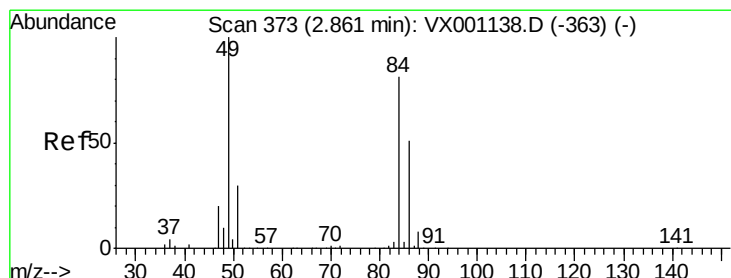
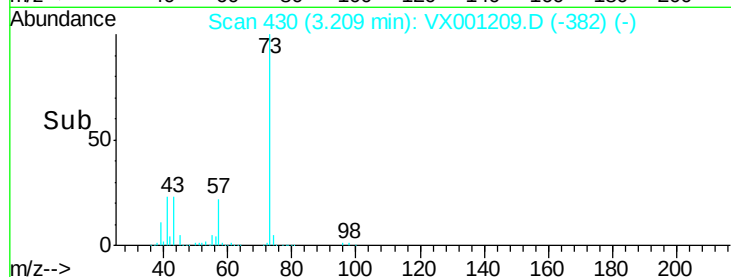
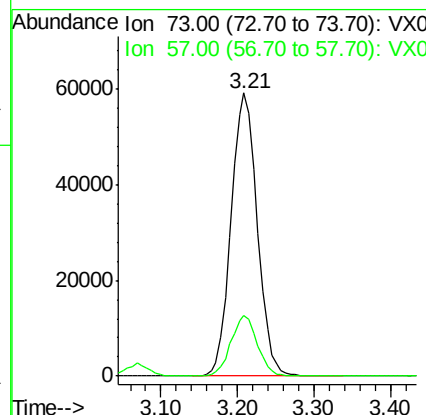
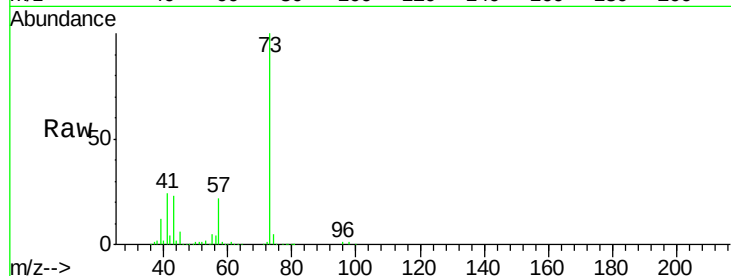




#19
Methyl tert-butyl Ether
Concen: 18.05 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

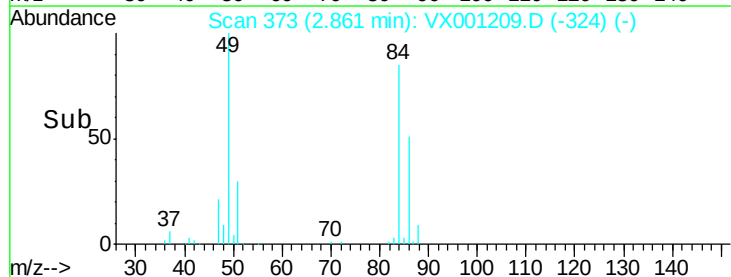
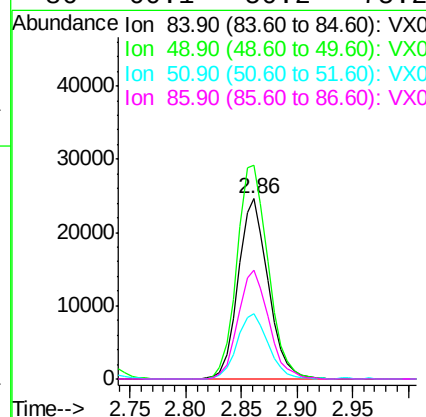
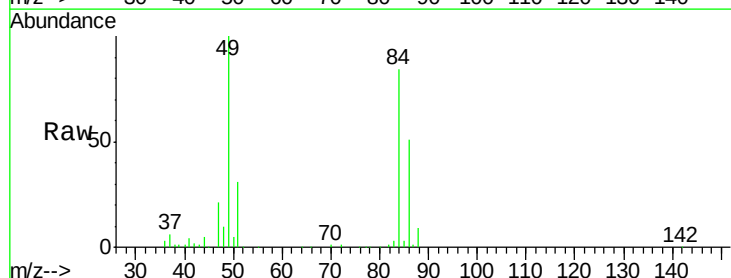
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS01

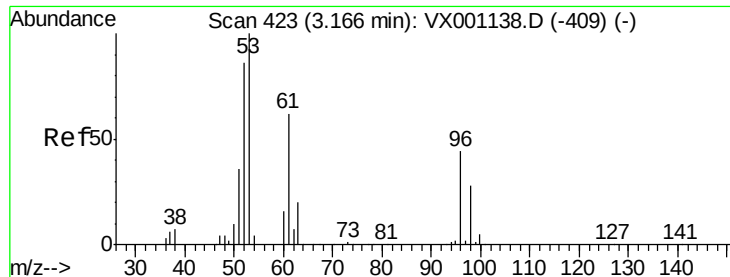
Tgt Ion: 73 Resp: 139863
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5



#20
Methylene Chloride
Concen: 18.67 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Tgt Ion: 84 Resp: 46132
Ion Ratio Lower Upper
84 100
49 118.5 99.2 148.8
51 36.0 29.5 44.3
86 60.1 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 18.71 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS01

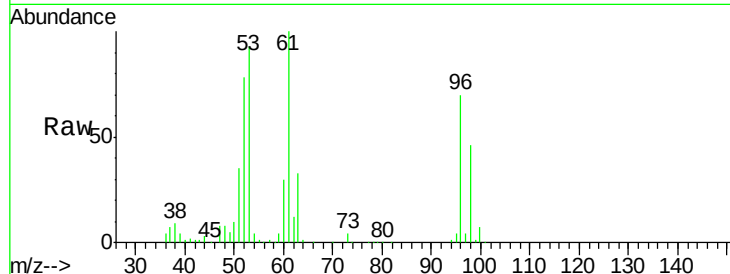
Tgt Ion: 96 Resp: 43543

Ion Ratio Lower Upper

96 100

61 141.9 111.9 167.9

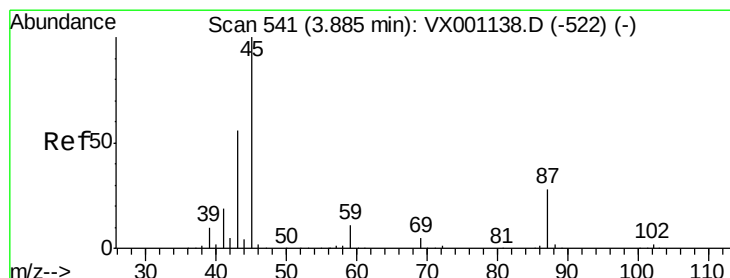
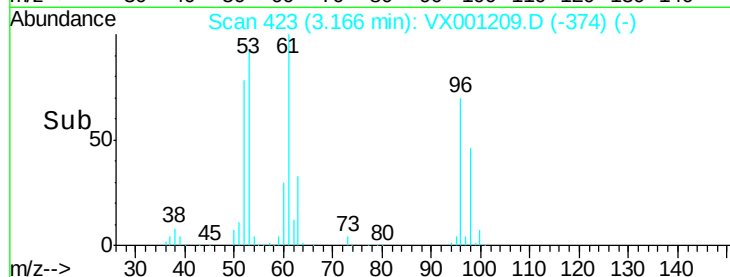
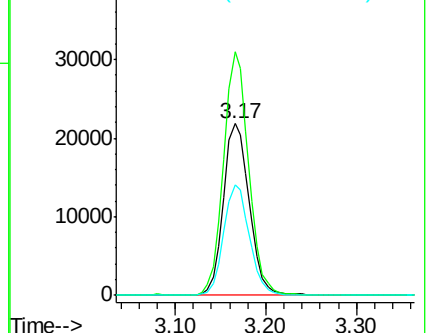
98 64.7 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 17.57 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Tgt Ion: 45 Resp: 135018

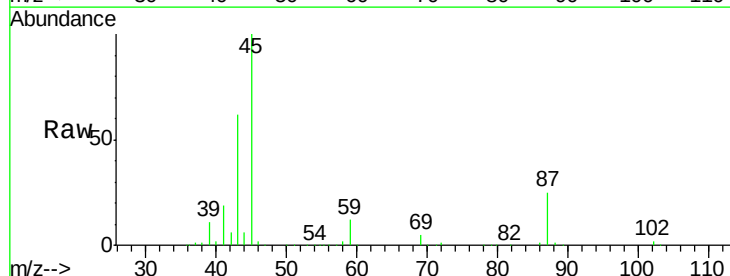
Ion Ratio Lower Upper

45 100

43 61.6 45.0 67.4

87 25.5 22.8 34.2

59 12.0 9.0 13.6

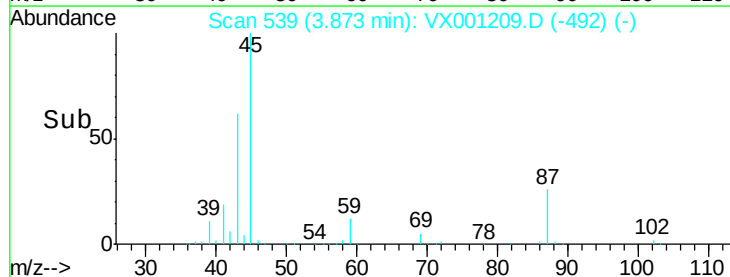
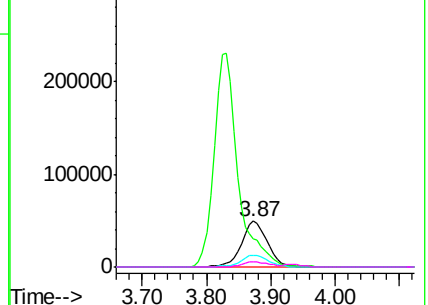


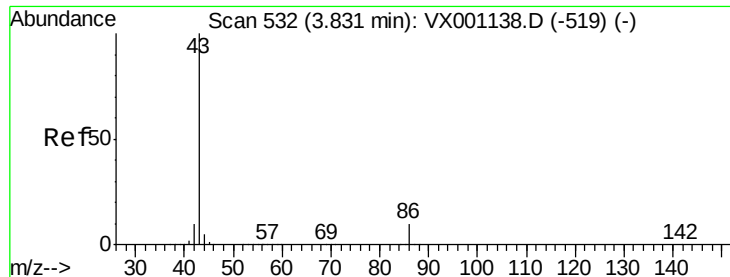
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 92.13 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

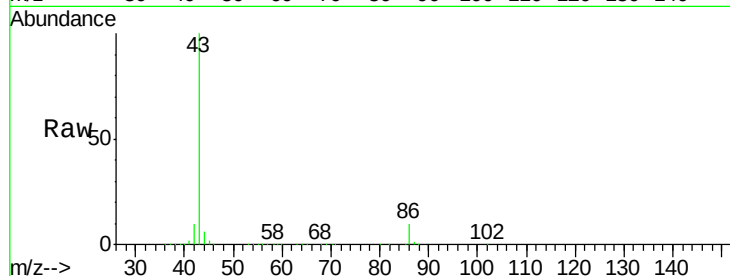
VX0428WBS01

Tgt Ion: 43 Resp: 600495

Ion Ratio Lower Upper

43 100

86 10.1 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

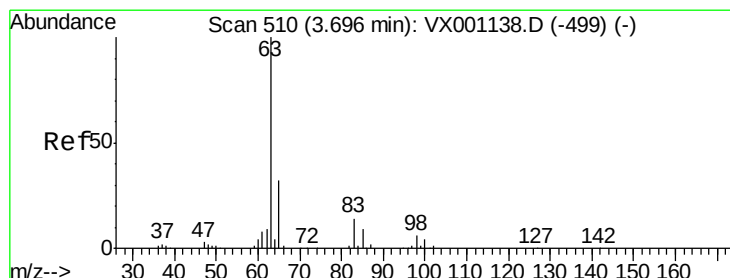
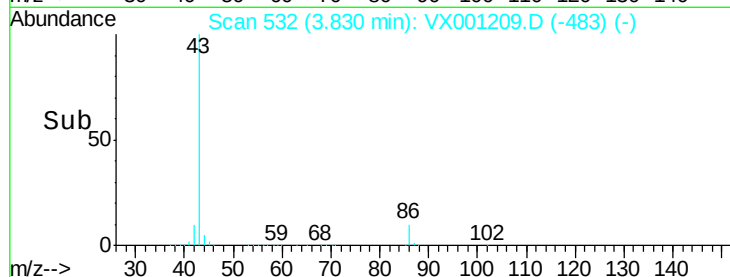
100000

50000

0

Time-->

3.70 3.80 3.90 4.00 4.10



#24

1,1-Dichloroethane

Concen: 19.69 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

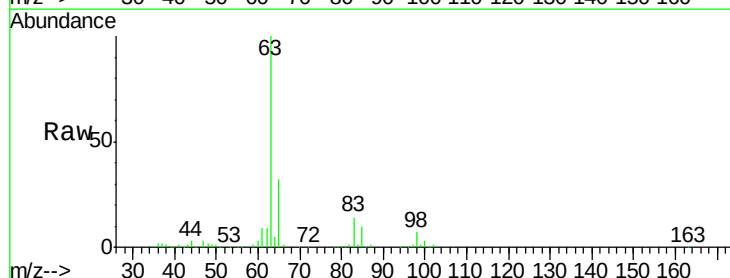
Tgt Ion: 63 Resp: 79487

Ion Ratio Lower Upper

63 100

98 7.3 3.1 9.4

100 3.4 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

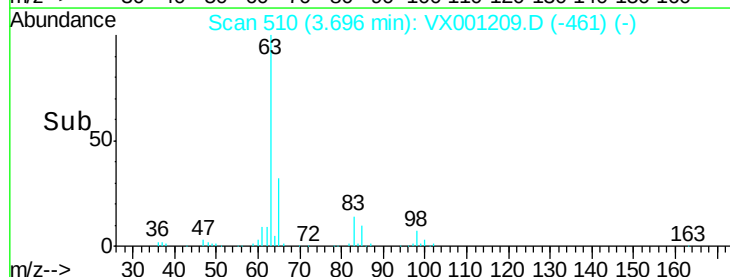
20000

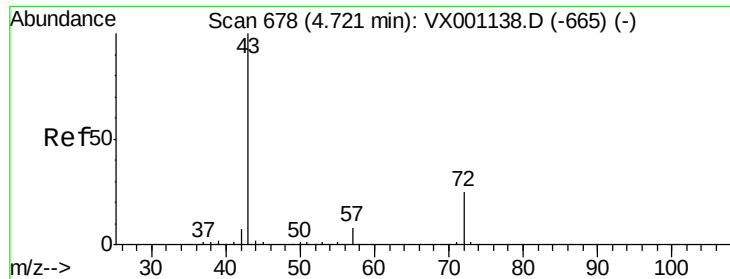
10000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 81.17 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

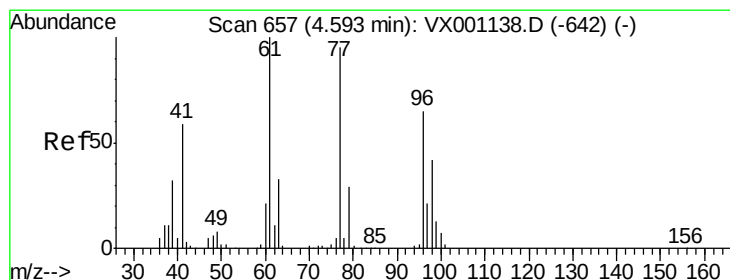
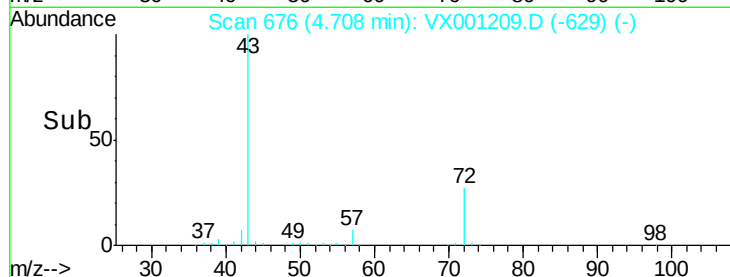
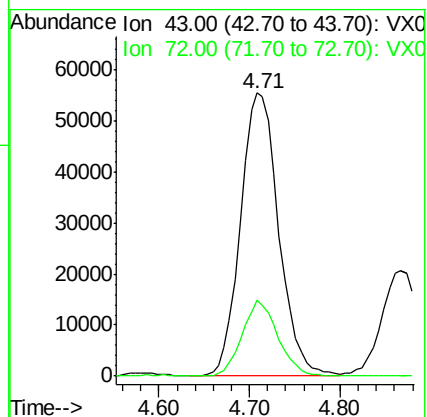
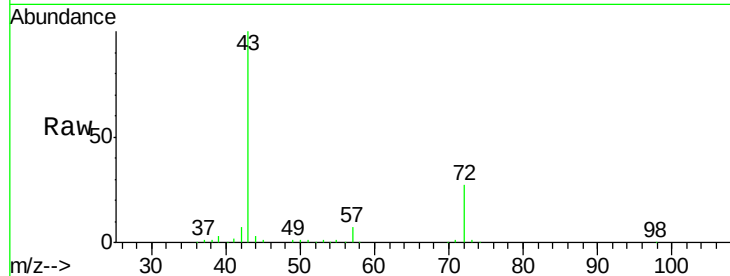
VX0428WBS01

Tgt Ion: 43 Resp: 161139

Ion Ratio Lower Upper

43 100

72 26.7 20.0 30.0



#26

2,2-Dichloropropane

Concen: 18.99 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001209.D

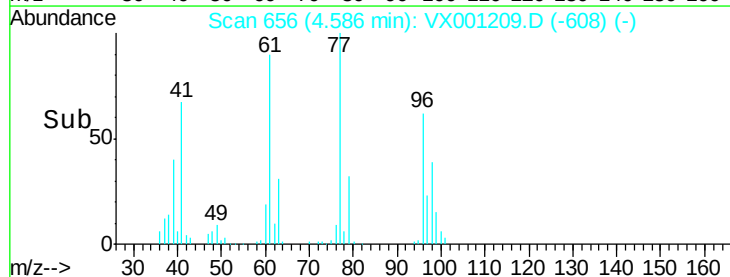
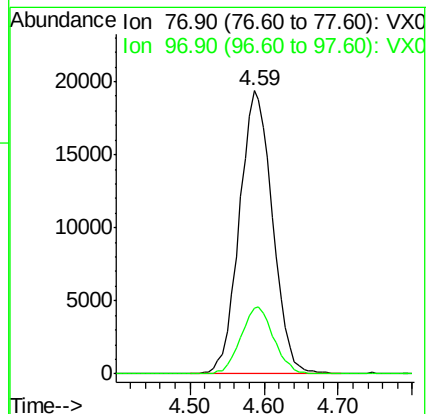
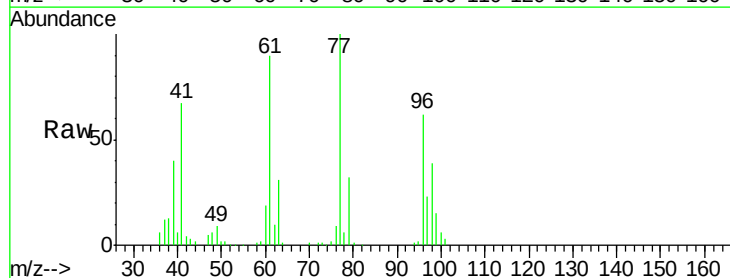
Acq: 28 Apr 2018 13:14

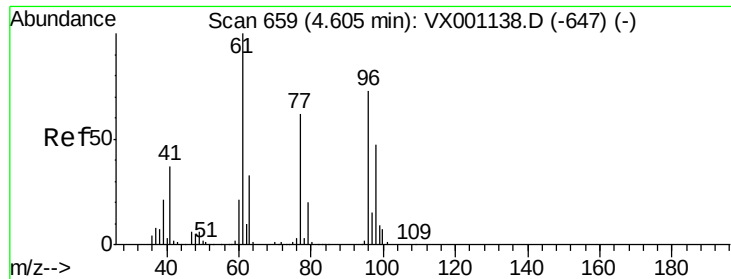
Tgt Ion: 77 Resp: 60341

Ion Ratio Lower Upper

77 100

97 23.5 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 19.17 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS01

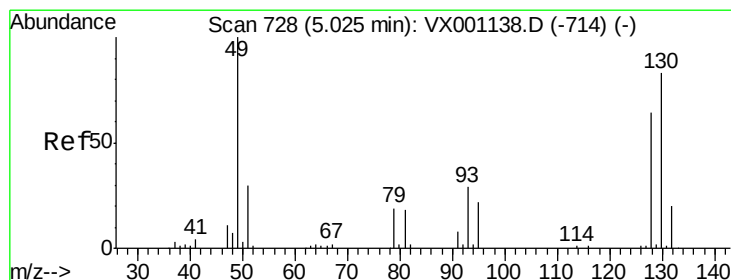
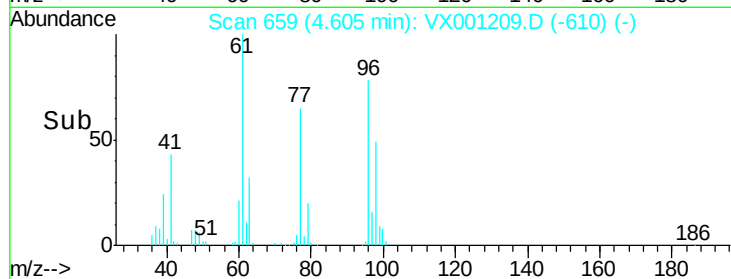
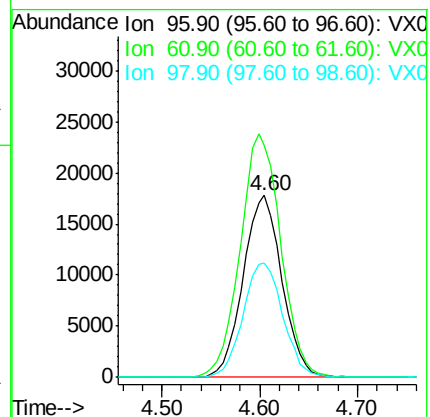
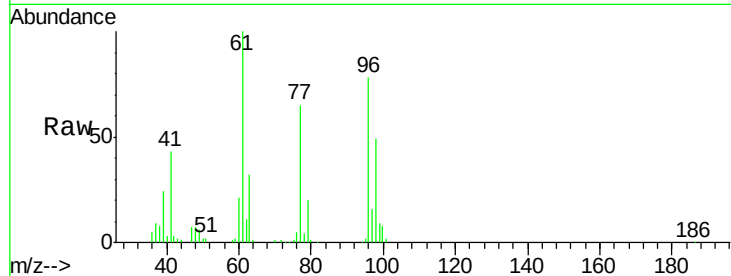
Tgt Ion: 96 Resp: 48842

Ion Ratio Lower Upper

96 100

61 140.6 0.0 289.0

98 64.7 0.0 128.2



#28

Bromochloromethane

Concen: 19.78 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

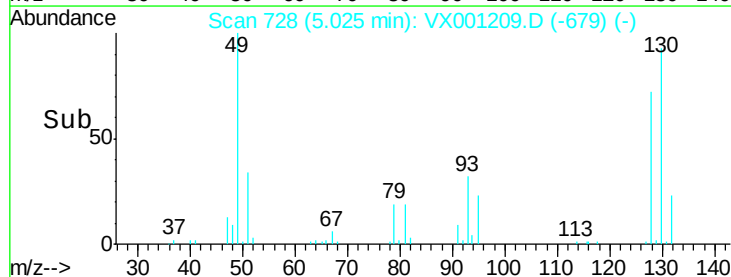
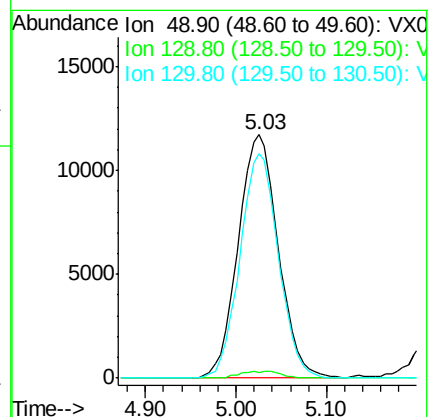
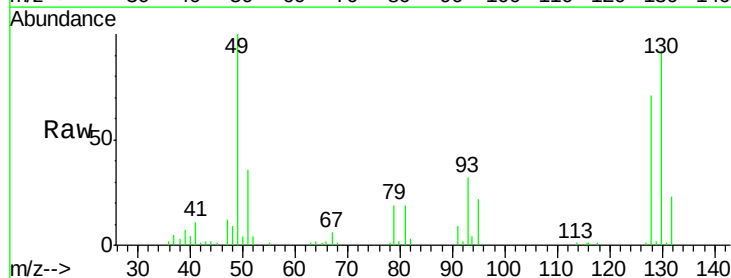
Tgt Ion: 49 Resp: 35807

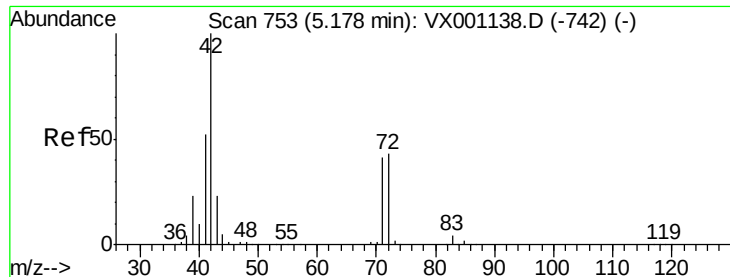
Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.6

130 88.5 68.2 102.2





#29

Tetrahydrofuran

Concen: 78.29 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS01

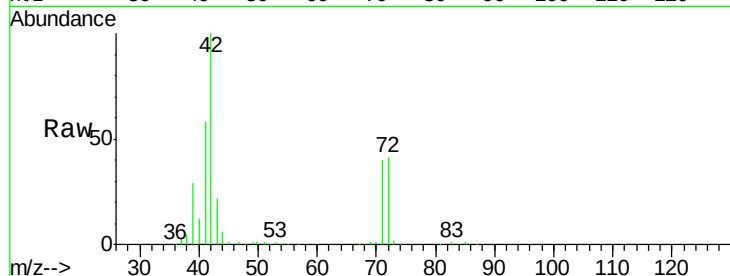
Tgt Ion: 42 Resp: 99932

Ion Ratio Lower Upper

42 100

72 42.9 34.4 51.6

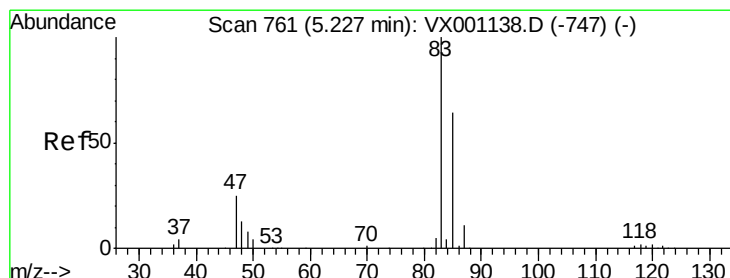
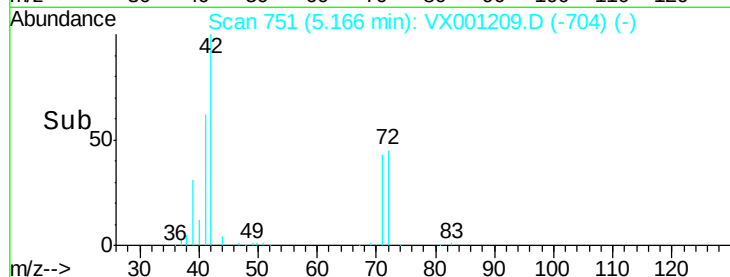
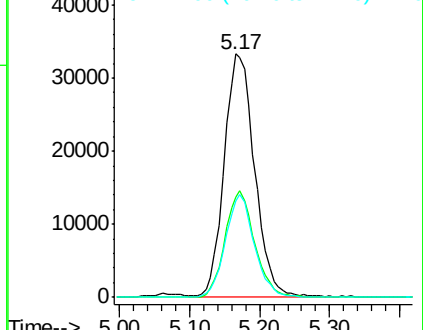
71 40.3 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.86 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX001209.D

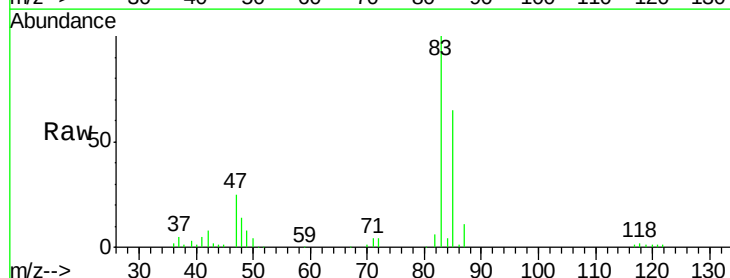
Acq: 28 Apr 2018 13:14

Tgt Ion: 83 Resp: 80976

Ion Ratio Lower Upper

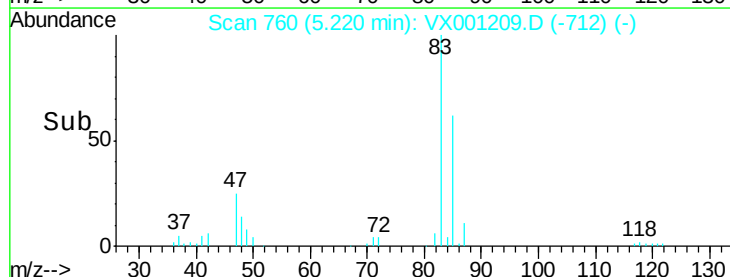
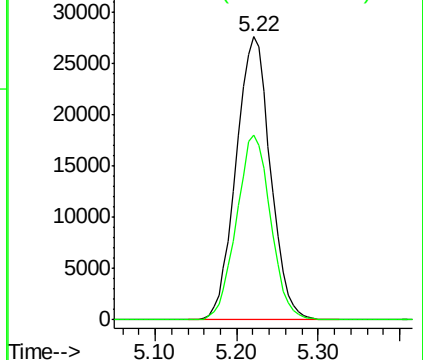
83 100

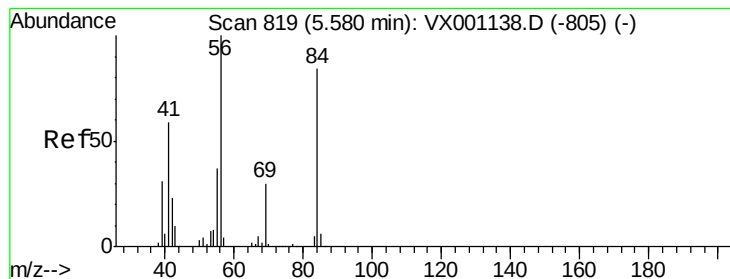
85 65.5 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.69 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS01

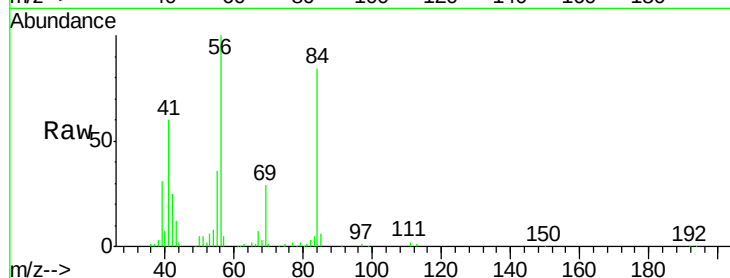
Tgt Ion: 56 Resp: 67537

Ion Ratio Lower Upper

56 100

69 28.8 24.2 36.2

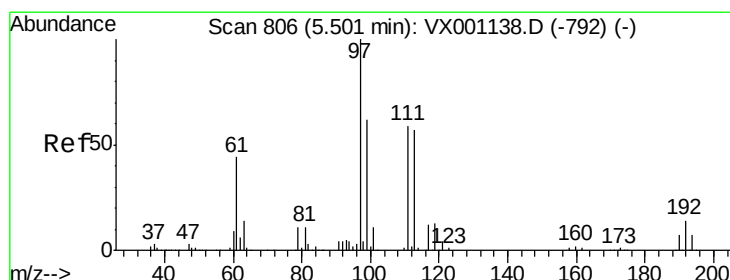
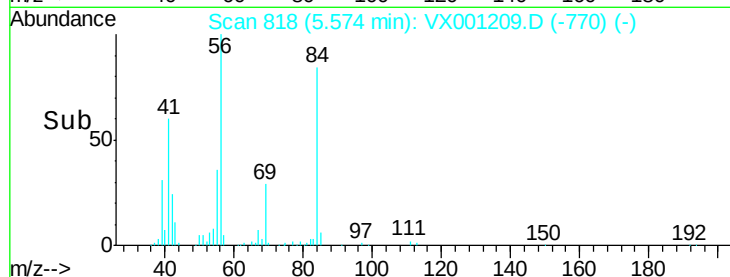
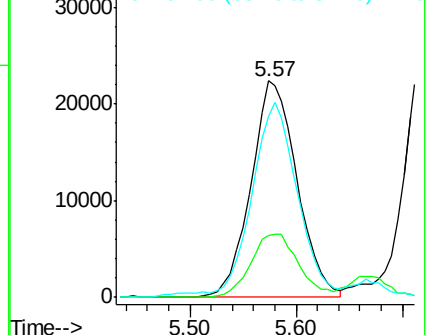
84 81.7 67.5 101.3



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: 19.25 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

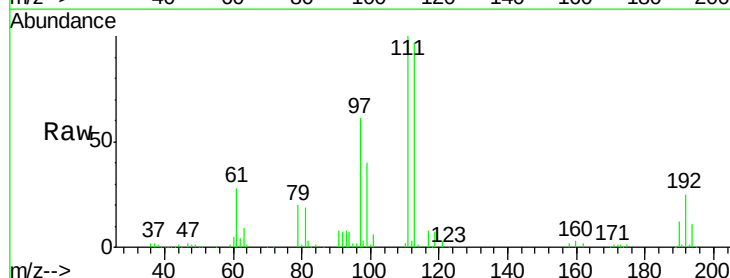
Tgt Ion: 97 Resp: 71363

Ion Ratio Lower Upper

97 100

99 64.0 50.9 76.3

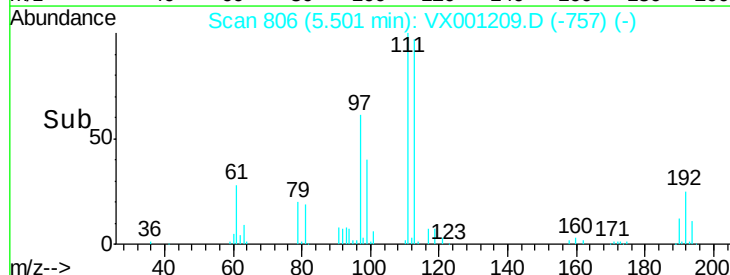
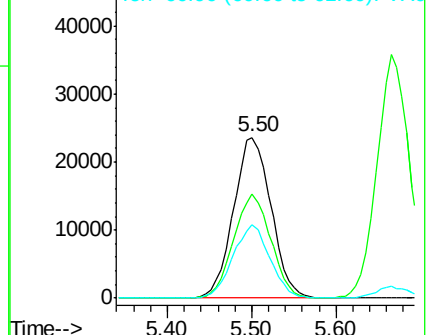
61 45.0 35.0 52.6

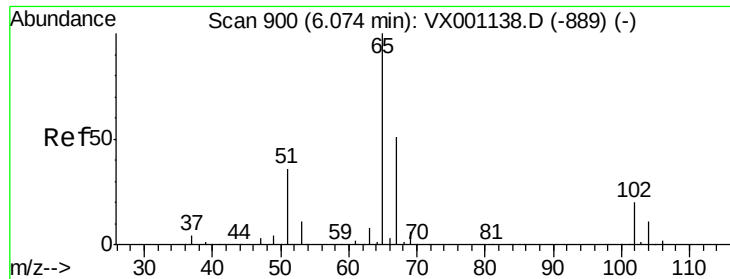


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

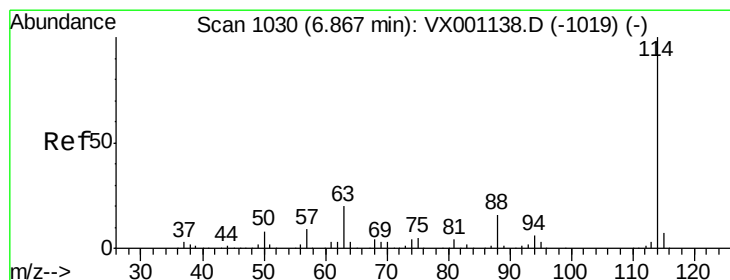
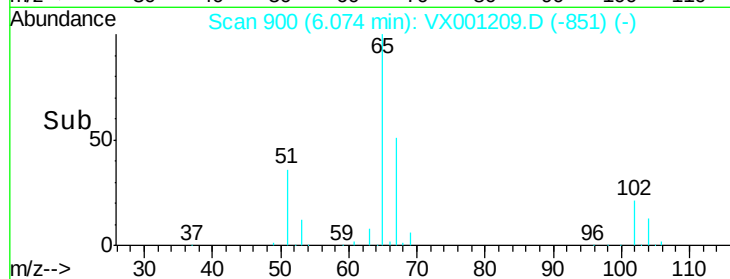
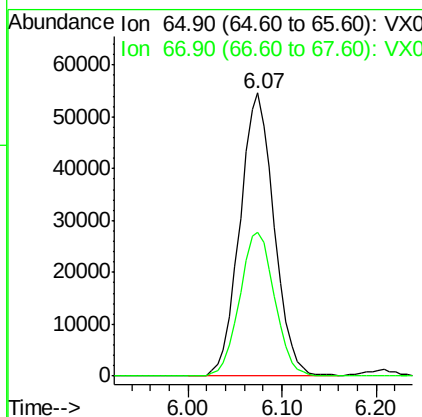
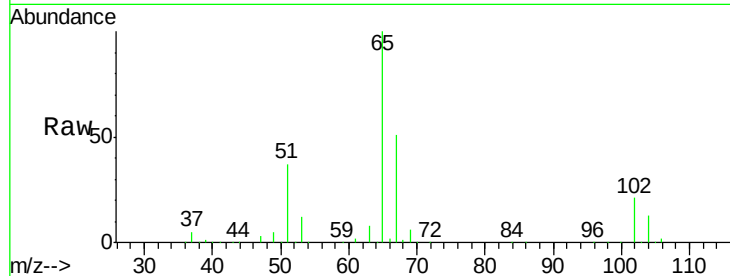




#33
 1,2-Dichloroethane-d4
 Concen: 42.95 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

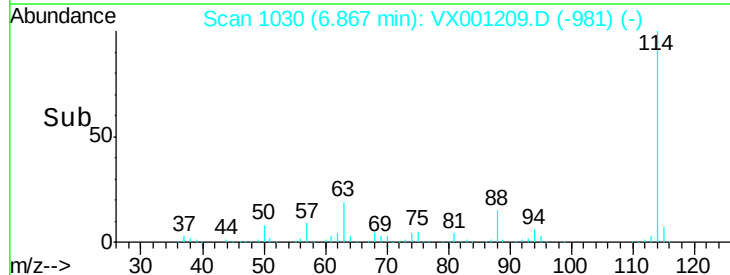
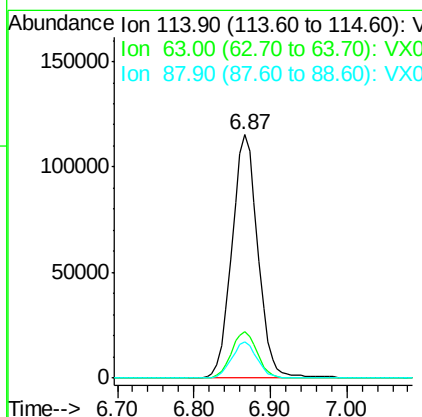
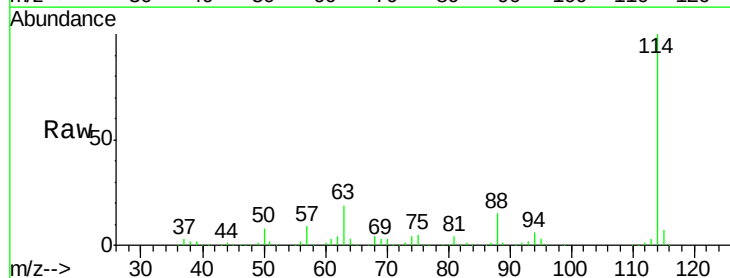
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS01

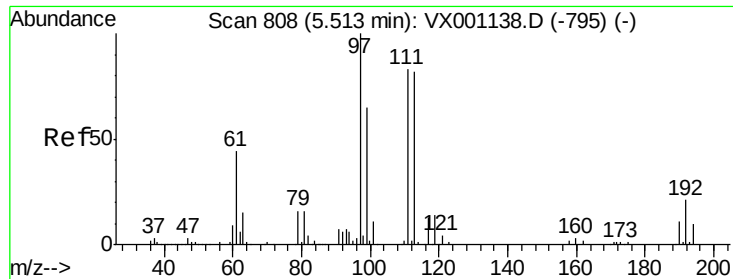
Tgt Ion: 65 Resp: 138588
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Tgt Ion: 114 Resp: 271035
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.4
 88 14.8 0.0 31.8

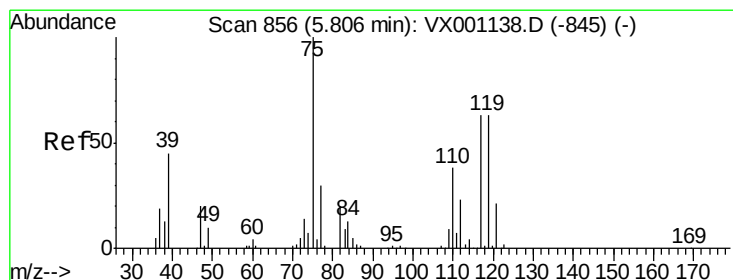
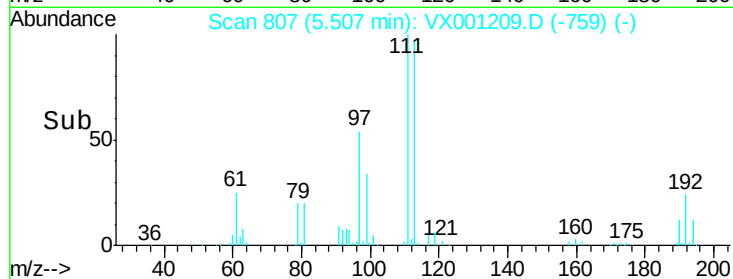
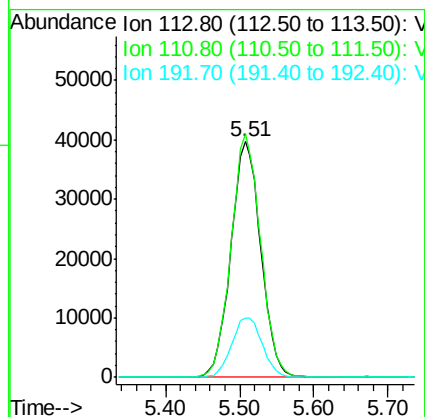
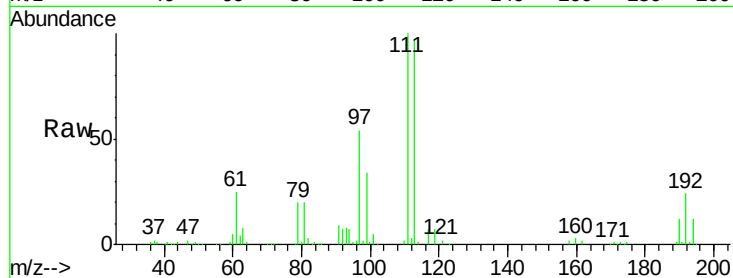




#35
 Dibromofluoromethane
 Concen: 49.74 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

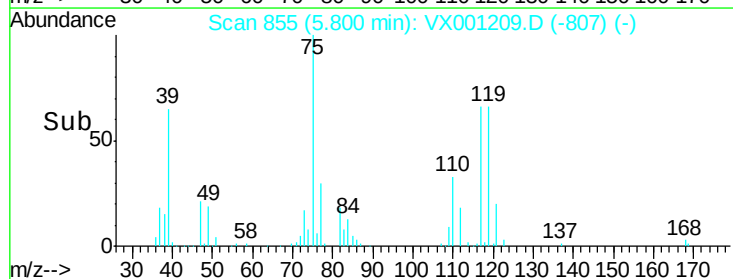
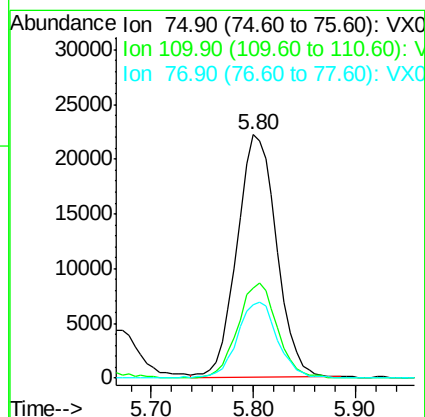
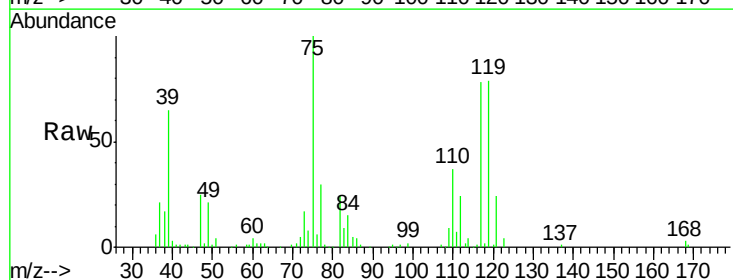
Instrument :
 MSVOA_X
 ClientSampled :
 VX0428WBS01

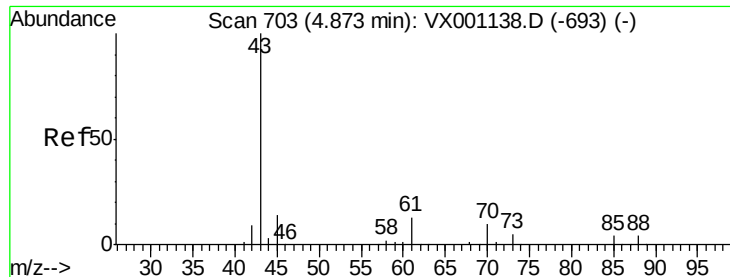
Tgt Ion:113 Resp: 111595
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.4
 192 25.9 20.6 30.8



#36
 1,1-Dichloropropene
 Concen: 19.95 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Tgt Ion: 75 Resp: 59600
 Ion Ratio Lower Upper
 75 100
 110 39.0 19.0 57.0
 77 32.0 24.8 37.2

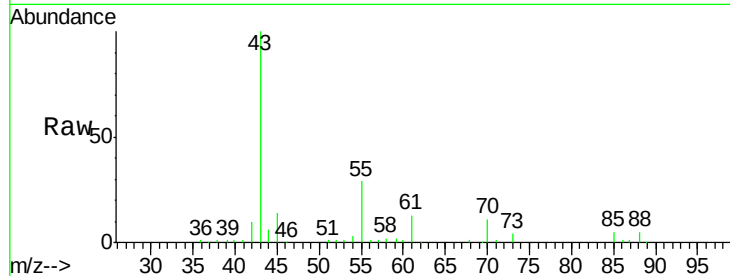




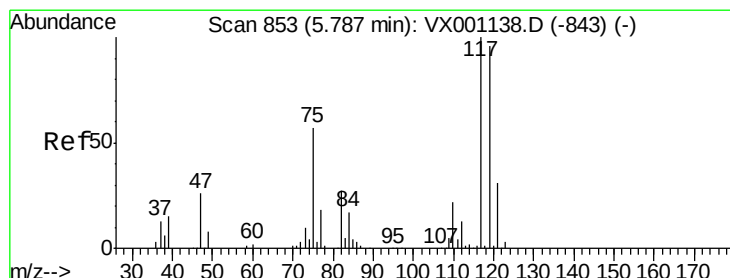
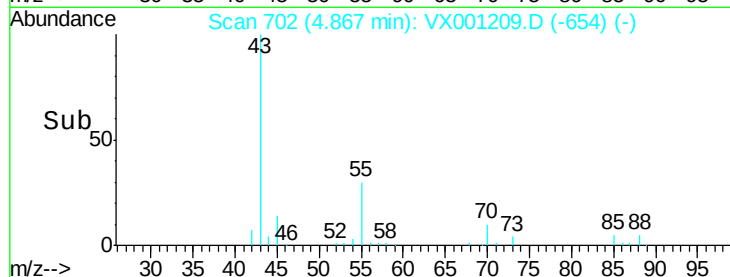
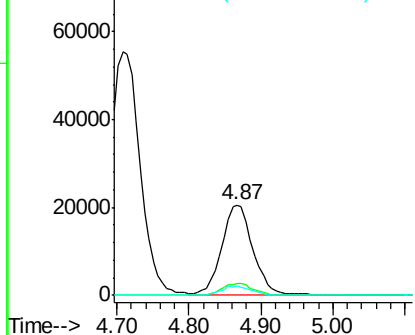
#37
Ethyl Acetate
Concen: 17.13 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Instrument :
MSVOA_X
ClientSampled :
VX0428WBS01

Tgt Ion: 43 Resp: 61266
Ion Ratio Lower Upper
43 100
61 13.5 11.0 16.6
70 10.0 8.2 12.2

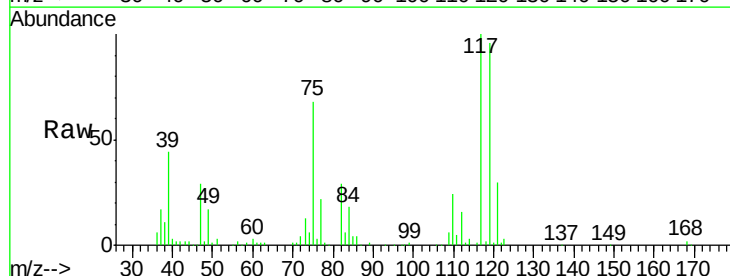


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

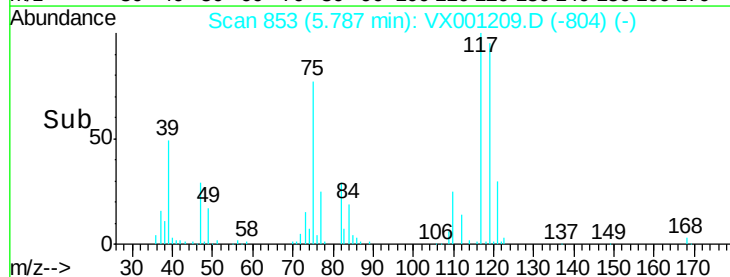
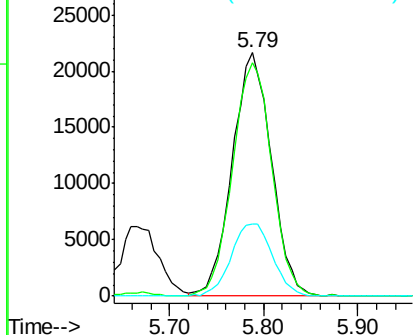


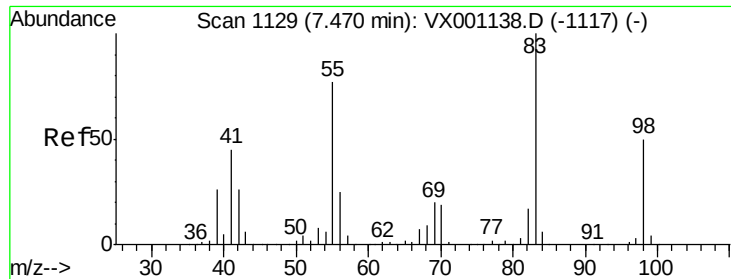
#38
Carbon Tetrachloride
Concen: 20.46 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Tgt Ion: 117 Resp: 62668
Ion Ratio Lower Upper
117 100
119 95.8 76.5 114.7
121 29.8 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

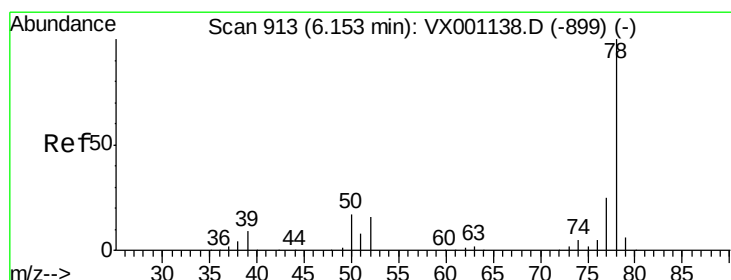
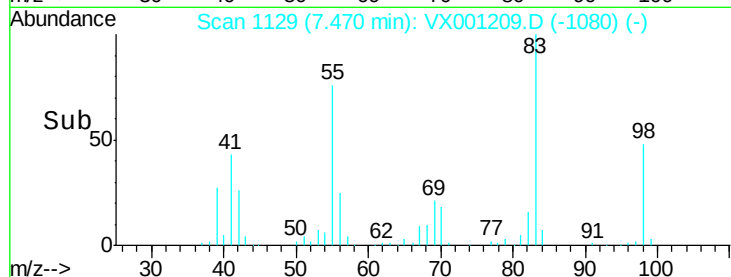
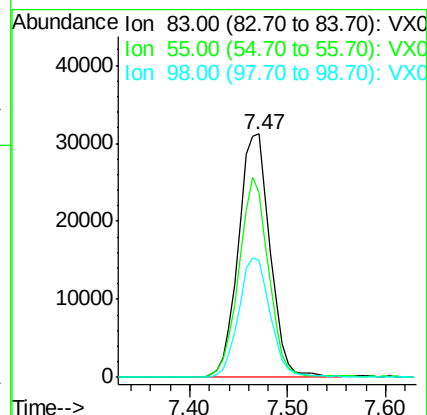
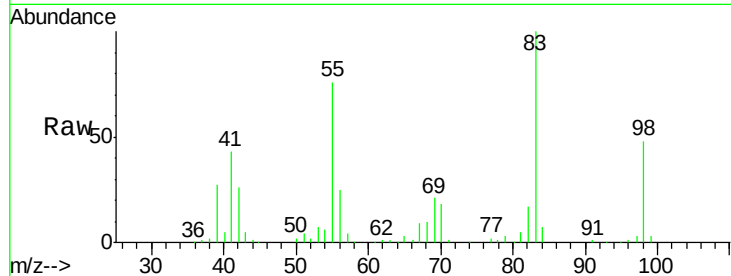




#39
Methylcyclohexane
Concen: 21.27 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

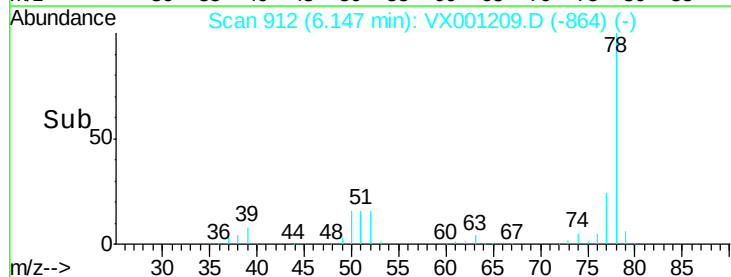
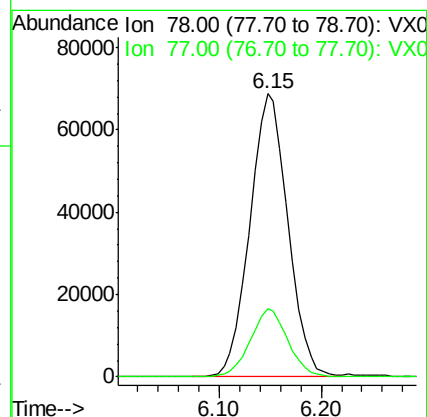
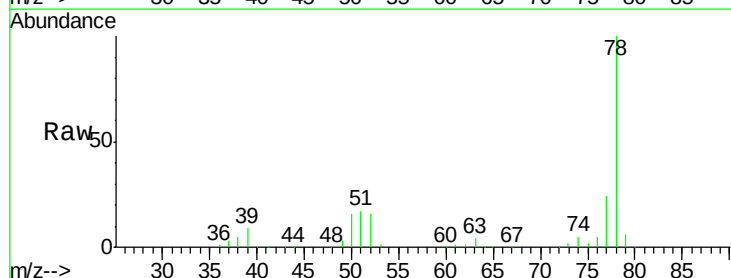
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS01

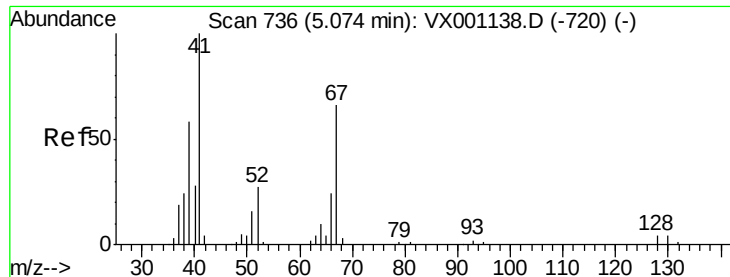
Tgt Ion: 83 Resp: 70315
Ion Ratio Lower Upper
83 100
55 75.6 61.8 92.6
98 47.9 40.0 60.0



#40
Benzene
Concen: 20.65 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Tgt Ion: 78 Resp: 178432
Ion Ratio Lower Upper
78 100
77 23.9 19.7 29.5

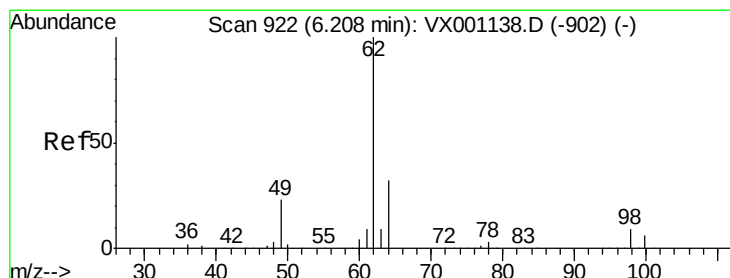
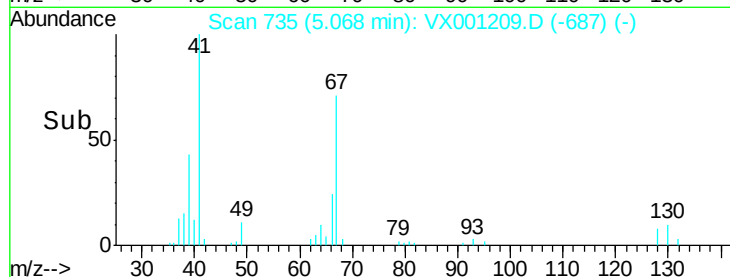
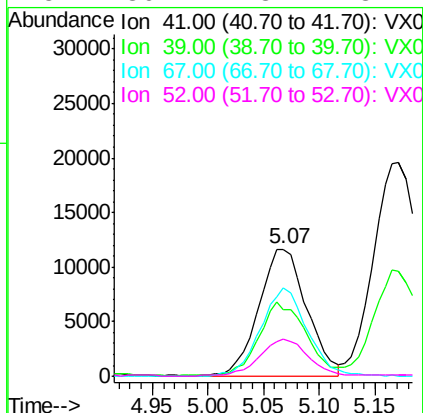
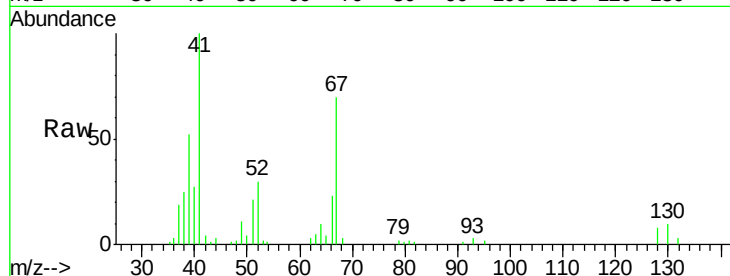




#41
Methacrylonitrile
Concen: 17.20 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

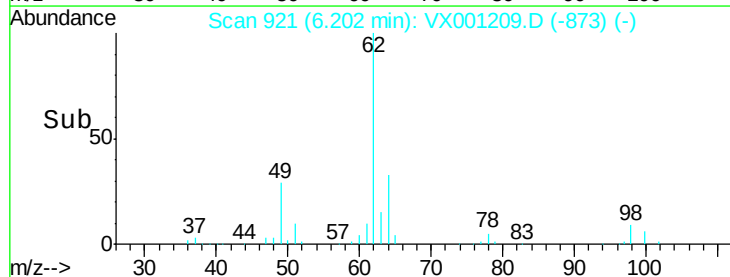
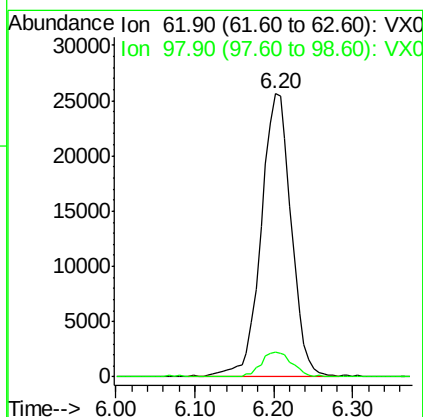
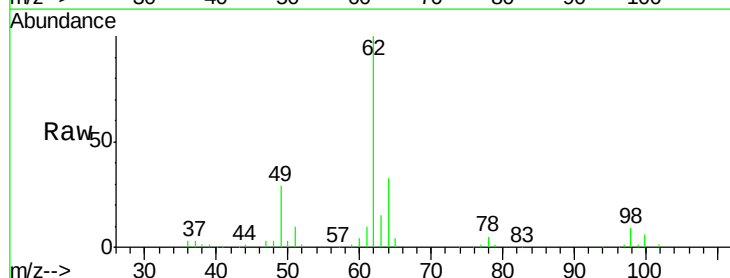
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS01

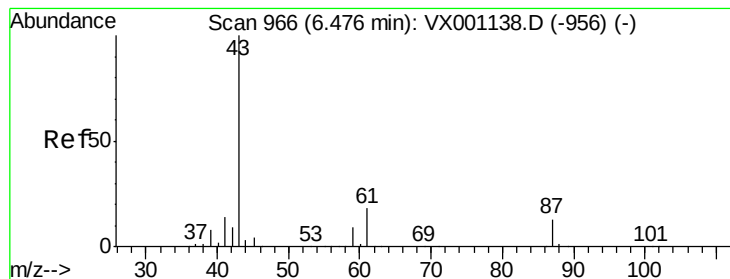
Tgt Ion:	41	Resp:	34575
Ion	Ratio	Lower	Upper
41	100		
39	57.5	45.9	68.9
67	68.5	53.2	79.8
52	30.7	23.1	34.7



#42
1,2-Dichloroethane
Concen: 19.60 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Tgt Ion:	62	Resp:	68252
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.0





#43

Isopropyl Acetate

Concen: 17.77 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampled :

VX0428WBS01

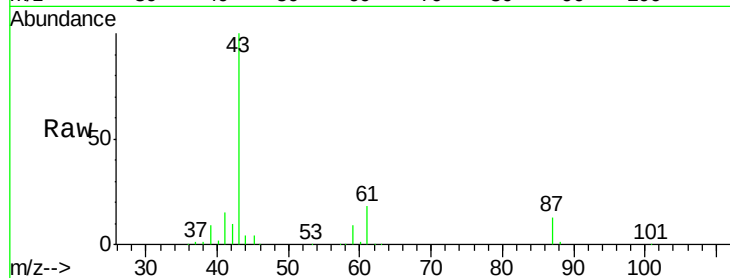
Tgt Ion: 43 Resp: 99823

Ion Ratio Lower Upper

43 100

61 18.5 15.0 22.6

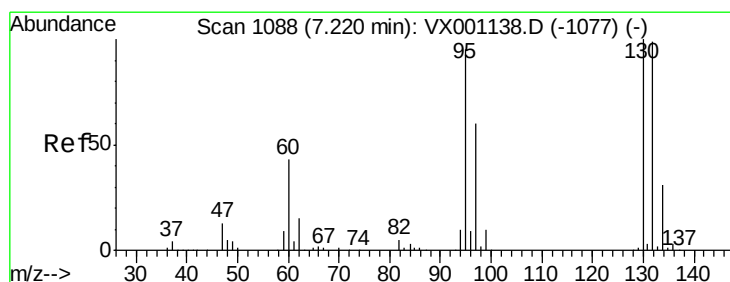
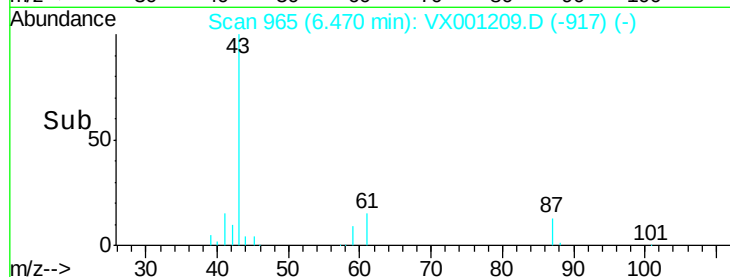
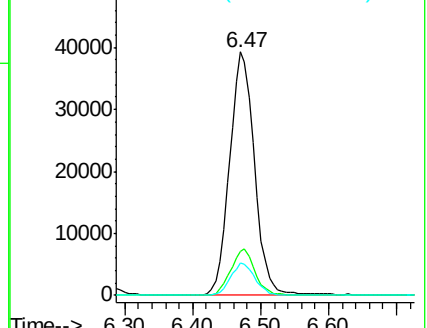
87 12.8 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 21.41 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001209.D

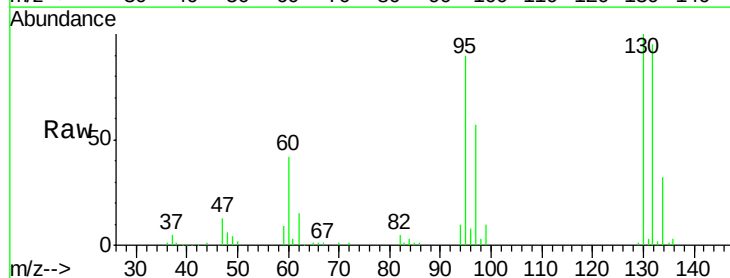
Acq: 28 Apr 2018 13:14

Tgt Ion: 130 Resp: 55097

Ion Ratio Lower Upper

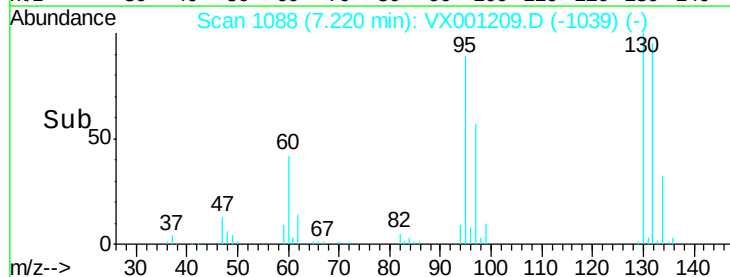
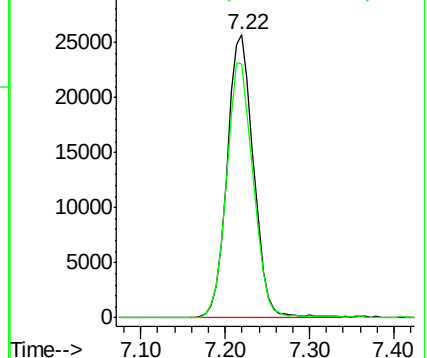
130 100

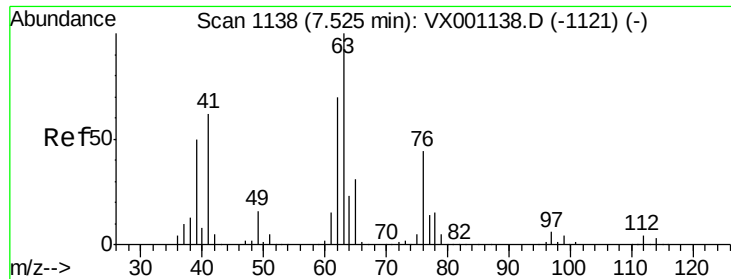
95 89.7 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

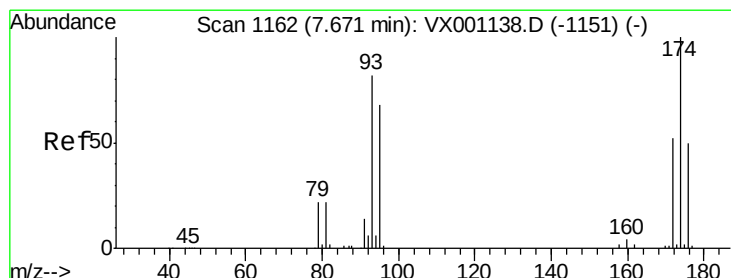
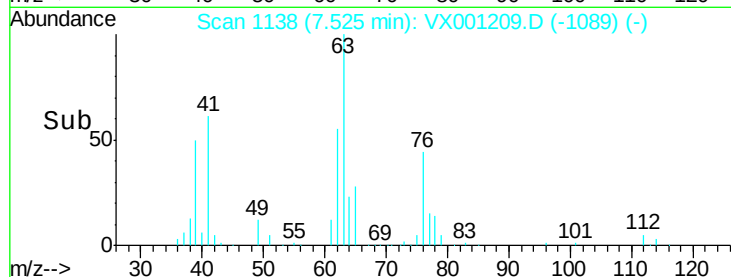
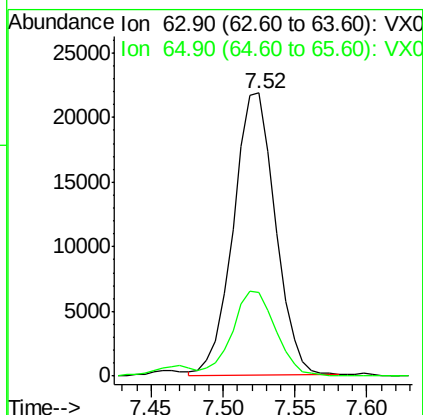
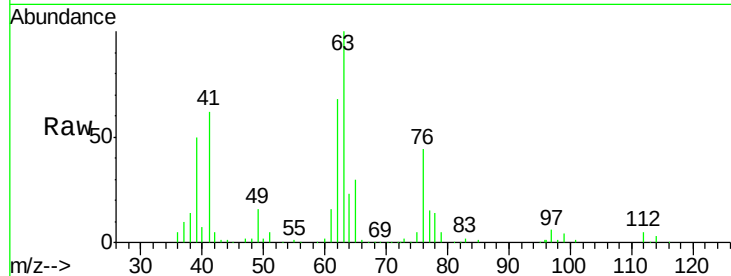




#45
 1,2-Dichloropropane
 Concen: 19.47 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

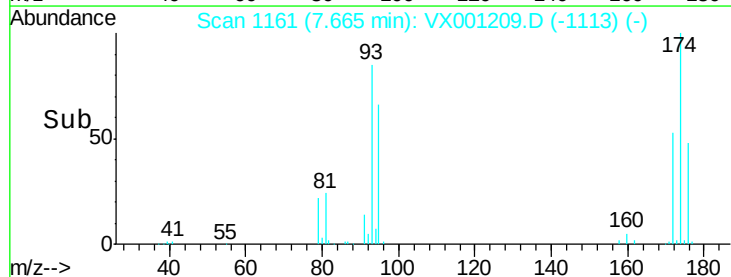
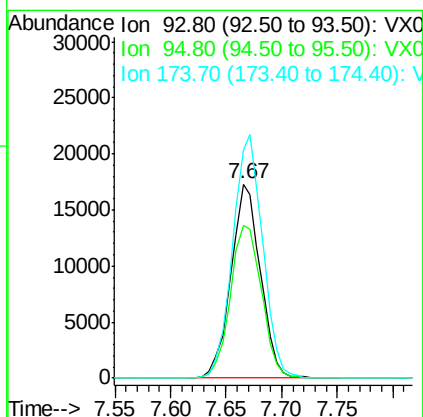
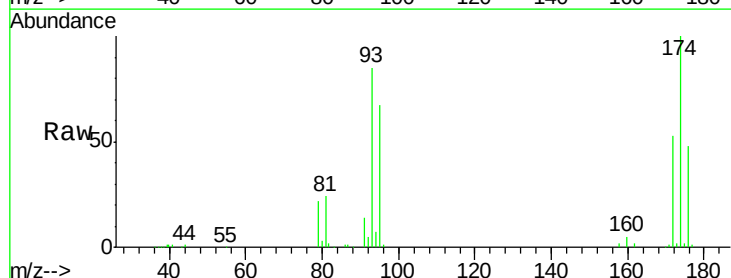
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS01

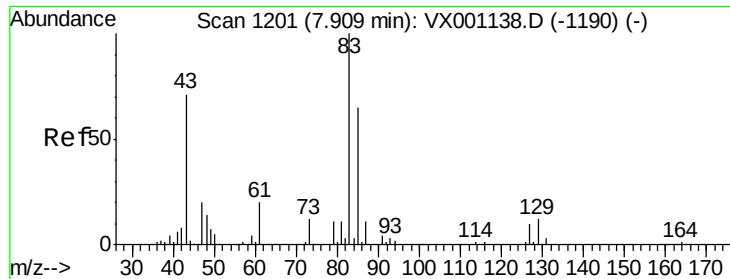
Tgt Ion: 63 Resp: 44249
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.9 37.3



#46
 Dibromomethane
 Concen: 20.13 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Tgt Ion: 93 Resp: 31680
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.4 99.6
 174 127.8 99.6 149.4





#47

Bromodichloromethane

Concen: 20.27 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS01

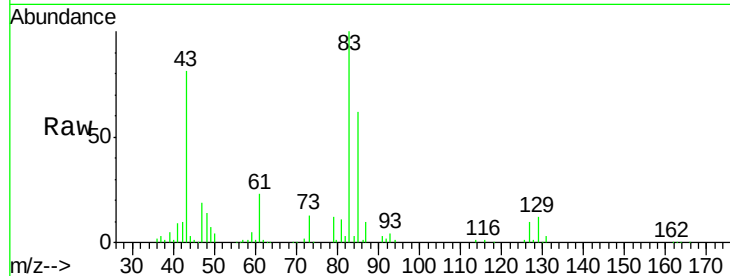
Tgt Ion: 83 Resp: 57948

Ion Ratio Lower Upper

83 100

85 61.9 51.9 77.9

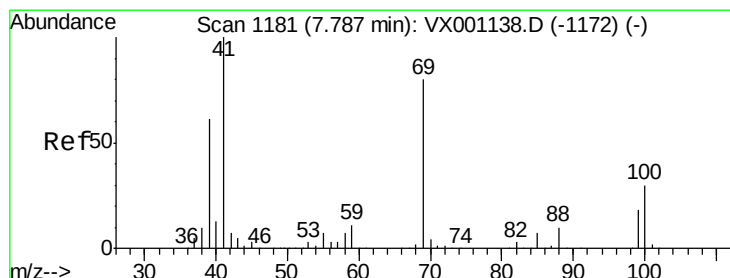
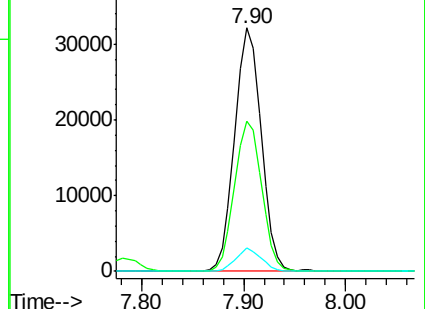
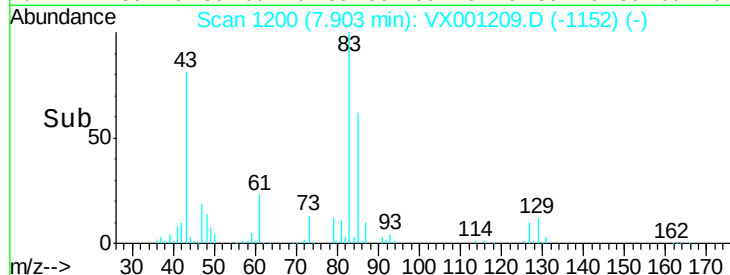
127 9.7 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.49 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

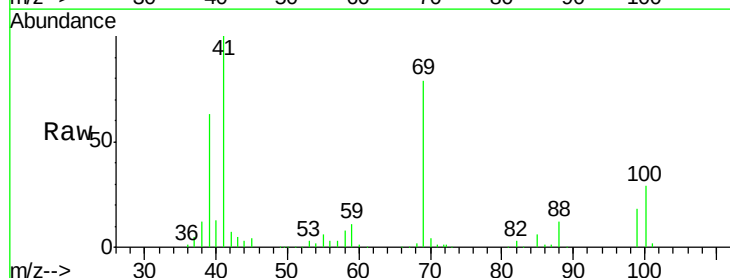
Tgt Ion: 41 Resp: 52215

Ion Ratio Lower Upper

41 100

69 79.6 62.4 93.6

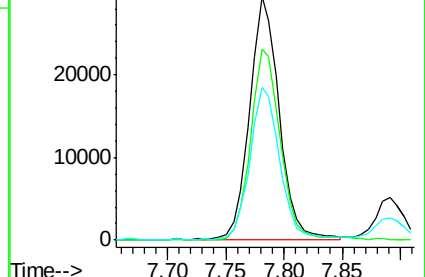
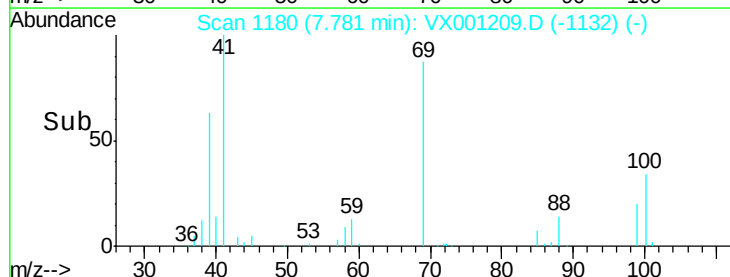
39 63.5 48.7 73.1

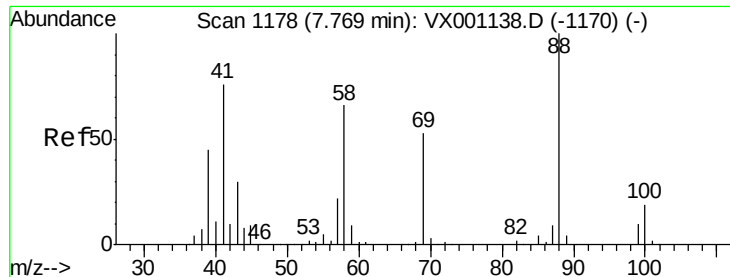


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

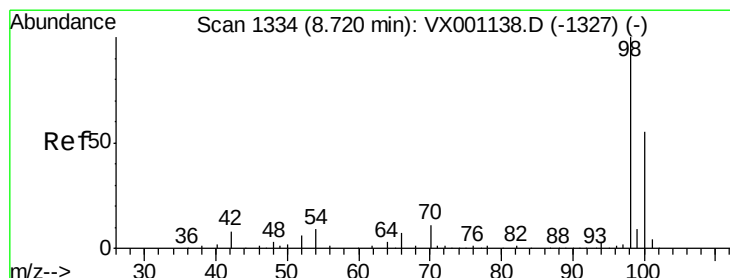
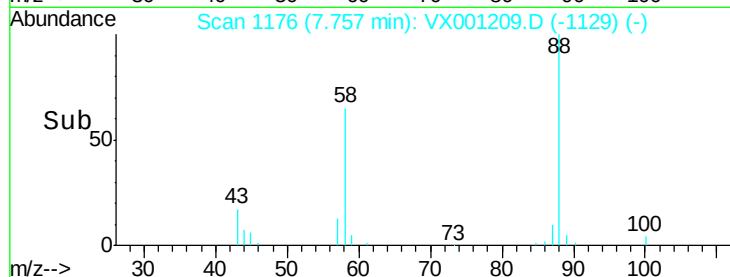
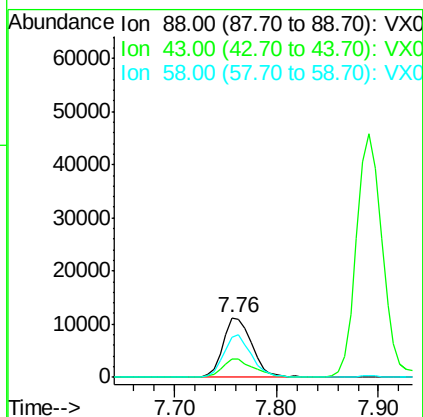
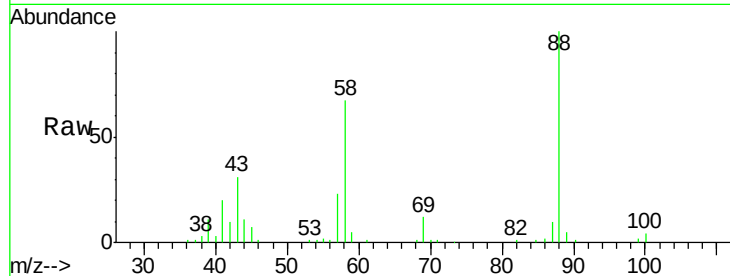




#49
 1,4-Dioxane
 Concen: 369.67 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

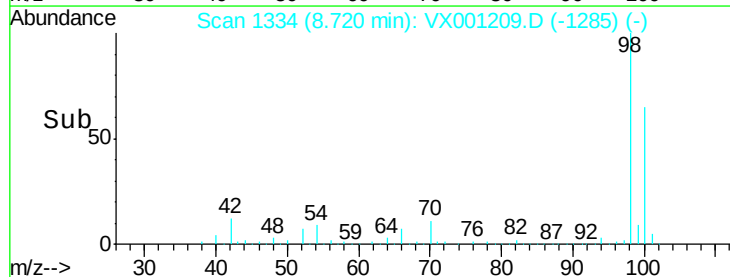
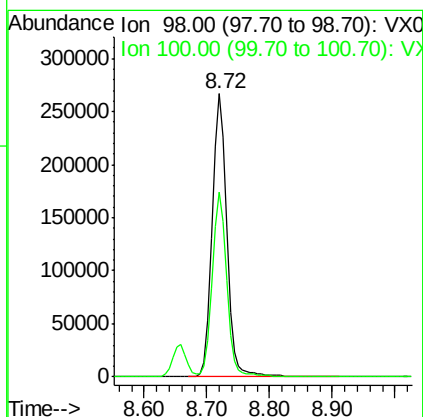
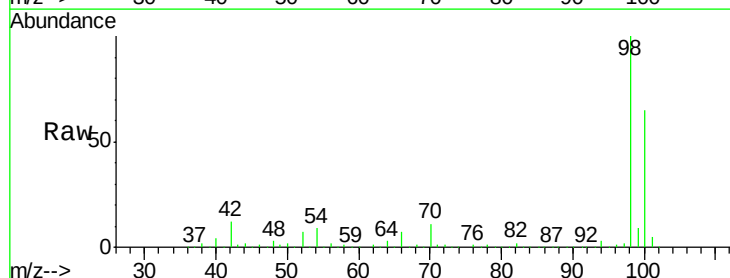
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS01

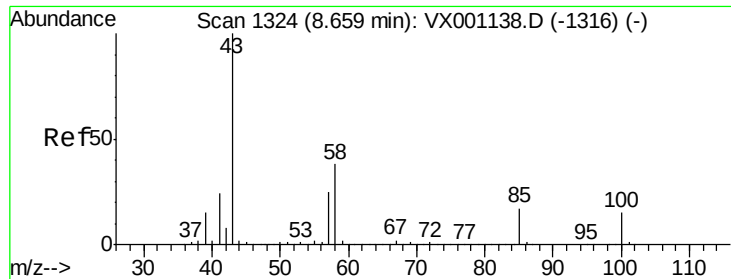
Tgt Ion: 88 Resp: 22098
 Ion Ratio Lower Upper
 88 100
 43 34.7 27.3 40.9
 58 67.4 54.2 81.4



#50
 Toluene-d8
 Concen: 51.11 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Tgt Ion: 98 Resp: 432728
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.8 77.6

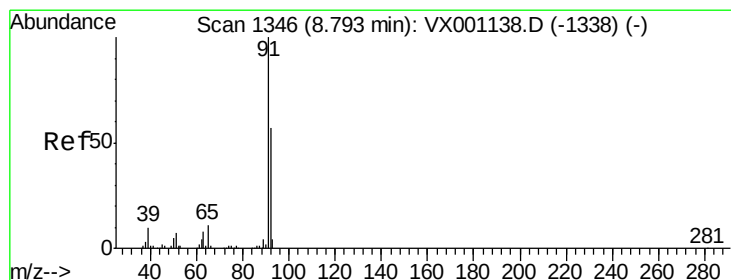
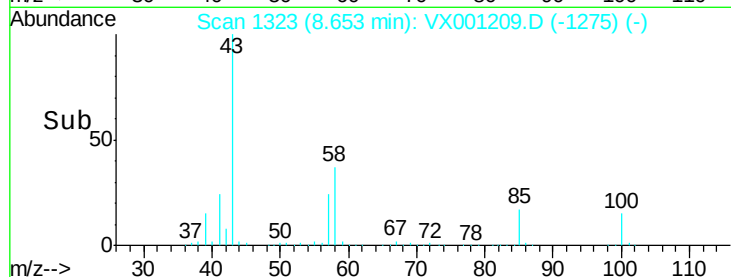
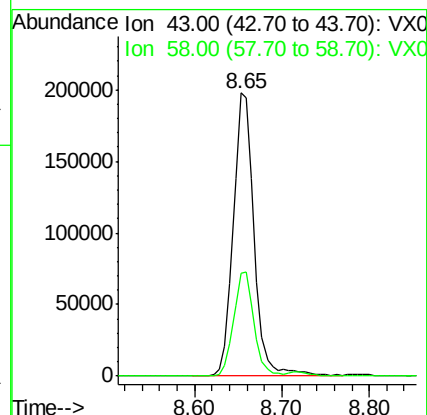
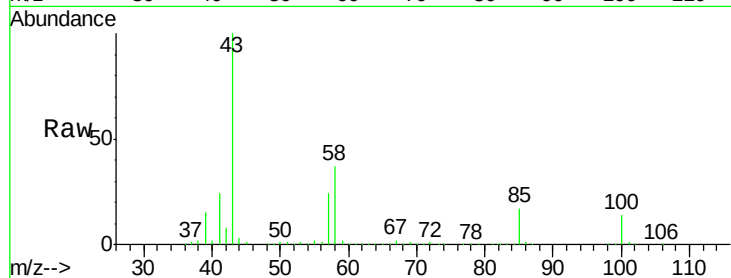




#51
 4-Methyl-2-Pentanone
 Concen: 89.28 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

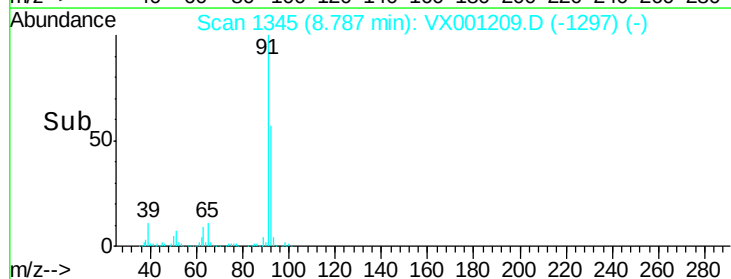
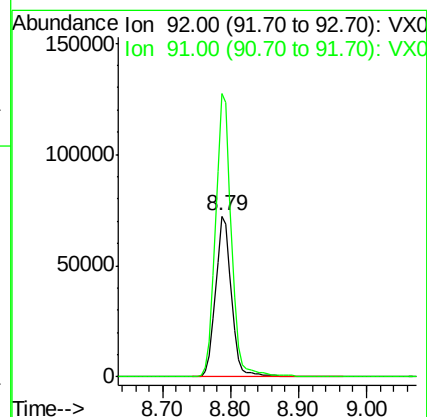
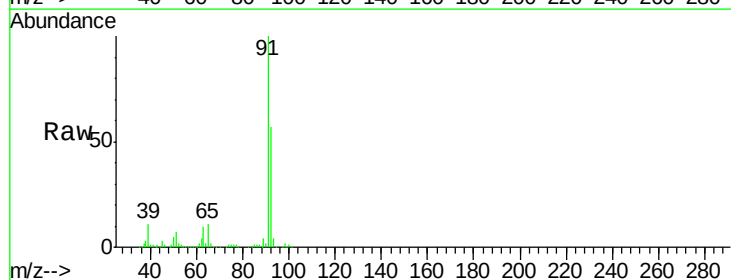
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS01

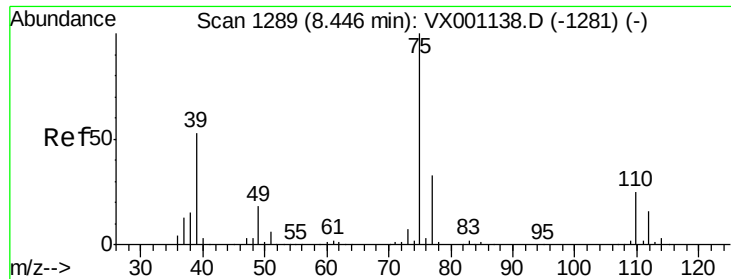
Tgt Ion: 43 Resp: 329428
 Ion Ratio Lower Upper
 43 100
 58 35.9 30.2 45.2



#52
 Toluene
 Concen: 20.80 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Tgt Ion: 92 Resp: 117498
 Ion Ratio Lower Upper
 92 100
 91 175.6 139.8 209.6

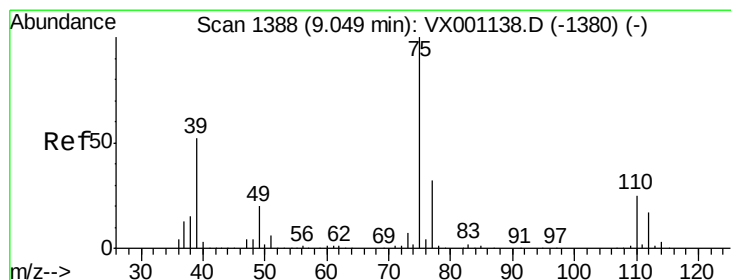
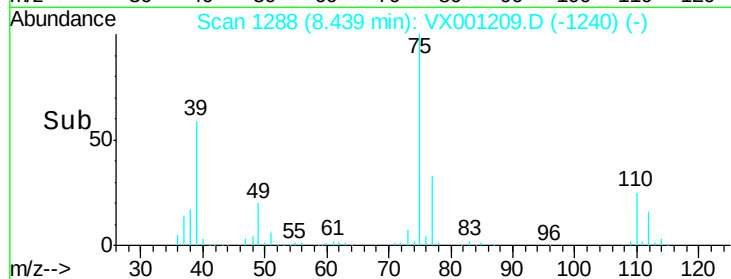
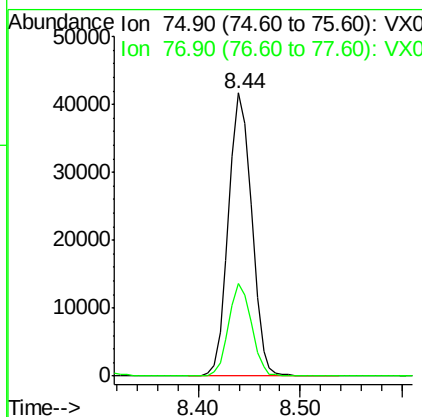
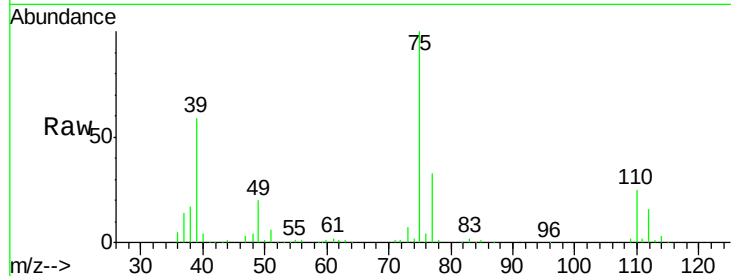




#53
 t-1,3-Dichloropropene
 Concen: 19.78 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

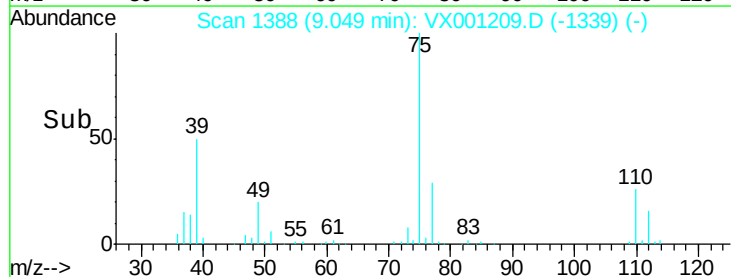
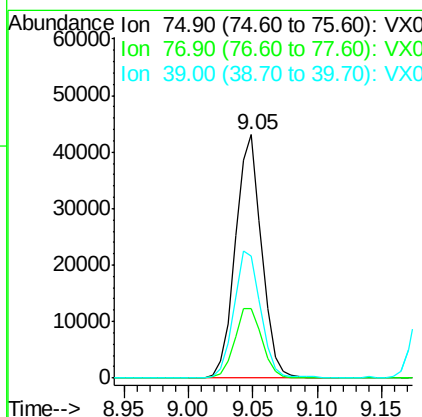
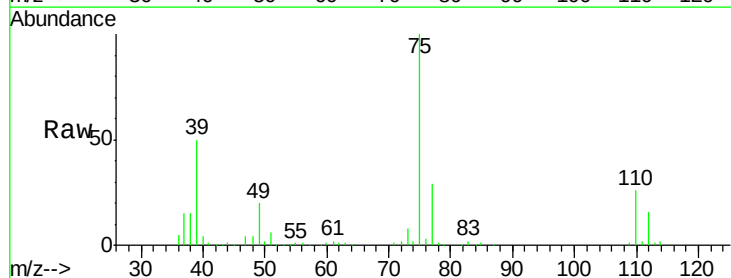
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS01

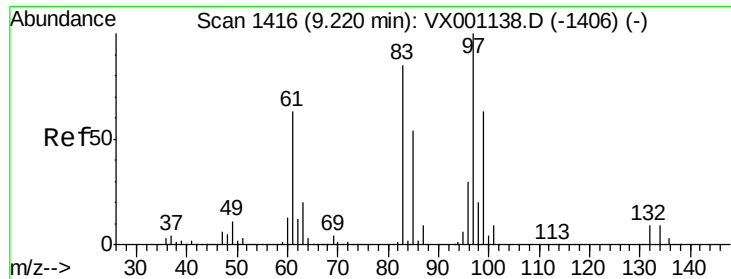
Tgt Ion: 75 Resp: 65736
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.2 39.4



#54
 cis-1,3-Dichloropropene
 Concen: 18.92 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Tgt Ion: 75 Resp: 60627
 Ion Ratio Lower Upper
 75 100
 77 28.8 25.4 38.2
 39 50.0 42.0 63.0

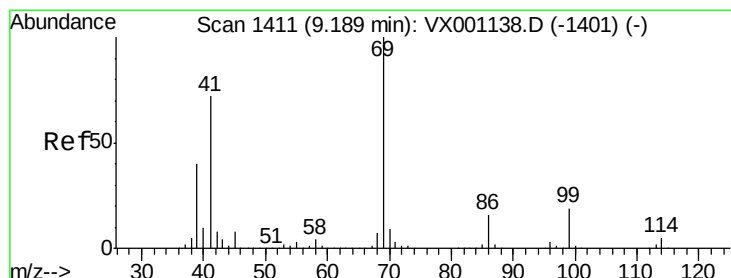
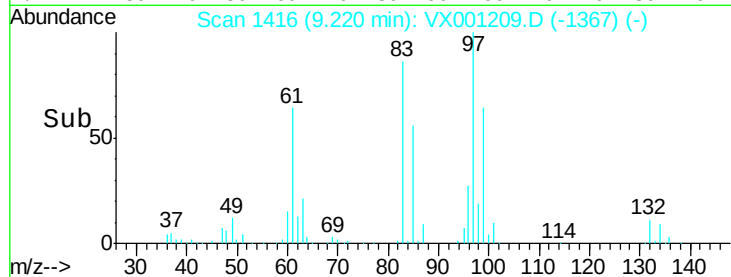
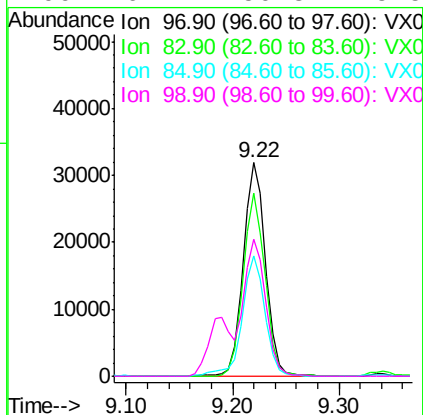
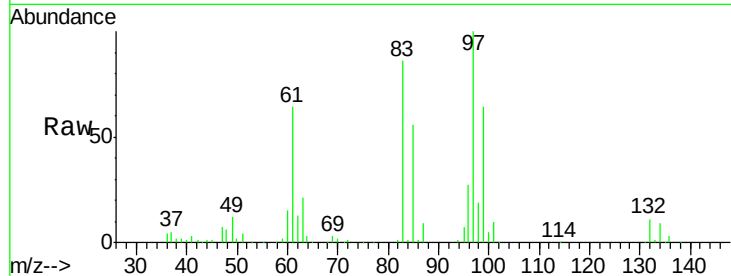




#55
 1,1,2-Trichloroethane
 Concen: 19.55 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

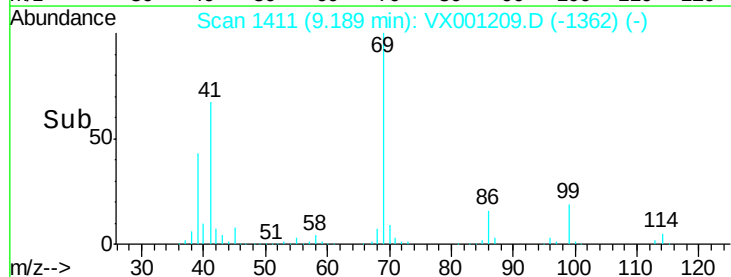
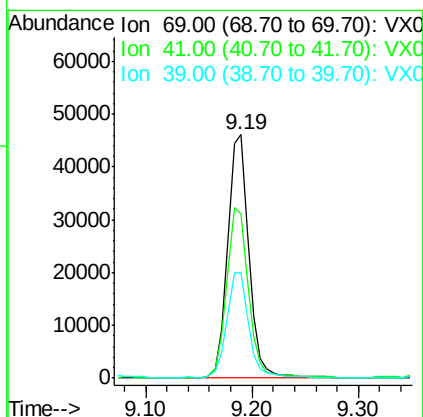
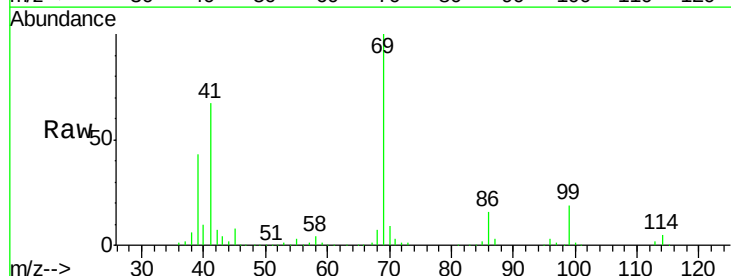
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS01

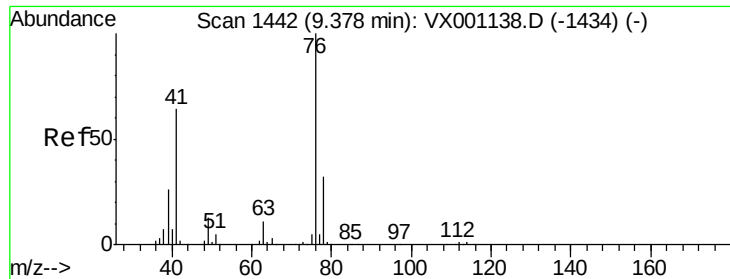
Tgt Ion:	97	Resp:	46729
Ion	Ratio	Lower	Upper
97	100		
83	85.9	68.0	102.0
85	56.2	42.9	64.3
99	64.4	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 18.45 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Tgt Ion:	69	Resp:	65356
Ion	Ratio	Lower	Upper
69	100		
41	71.3	57.7	86.5
39	44.2	33.3	49.9

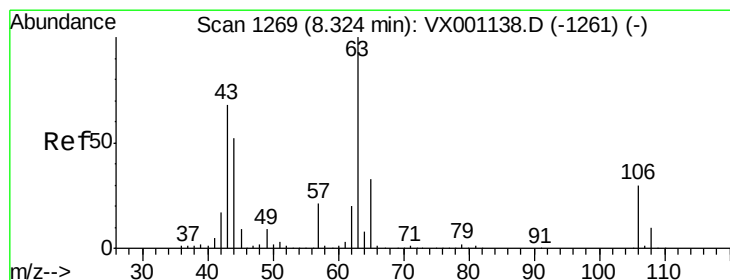
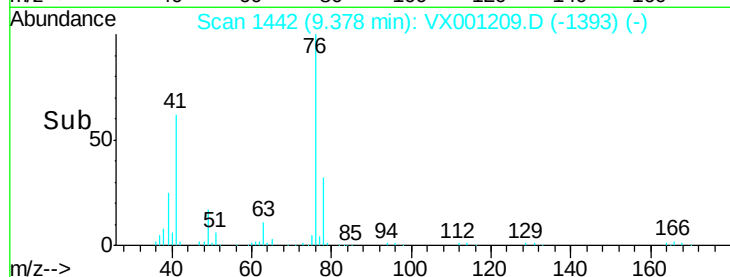
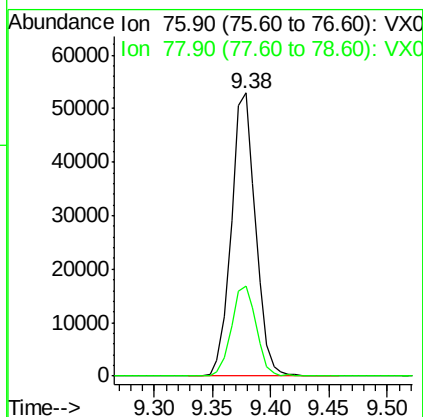
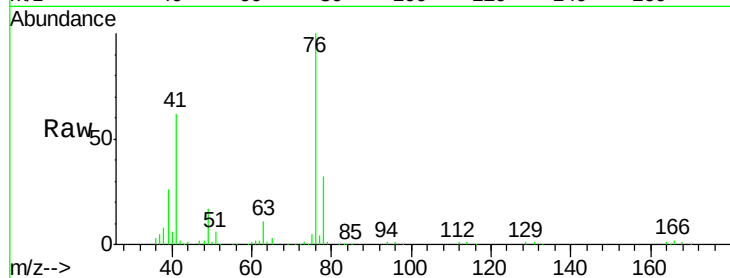




#57
 1,3-Dichloropropane
 Concen: 19.87 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

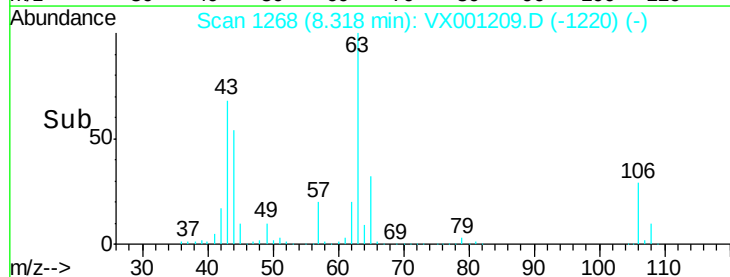
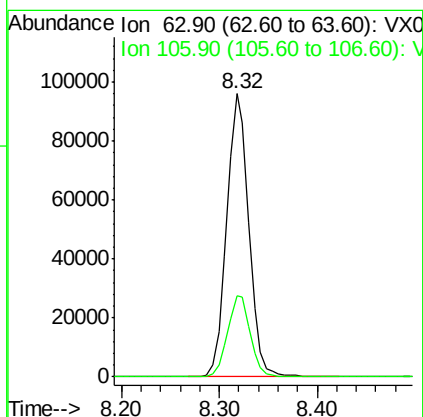
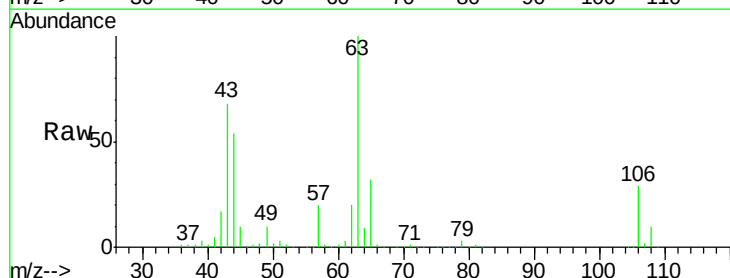
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS01

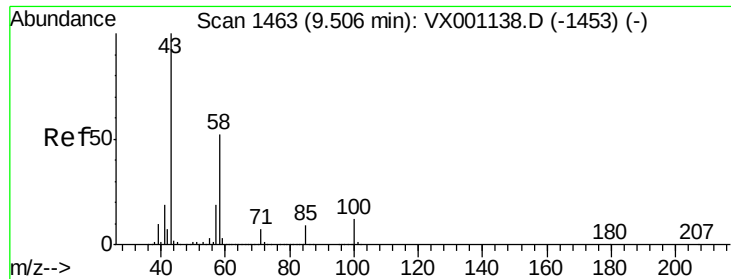
Tgt Ion: 76 Resp: 76842
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.95 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Tgt Ion: 63 Resp: 150612
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.7 35.5

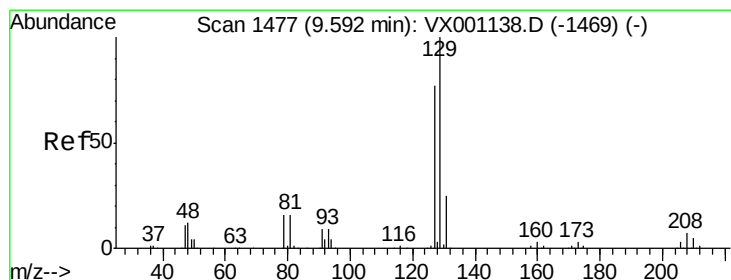
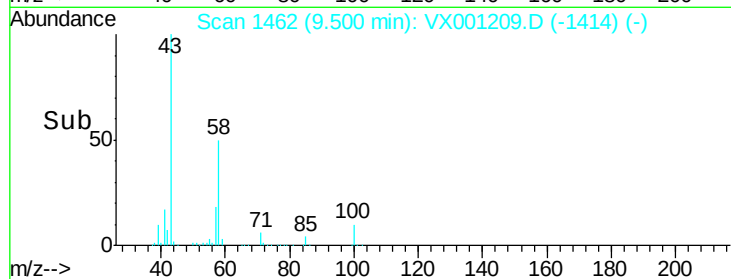
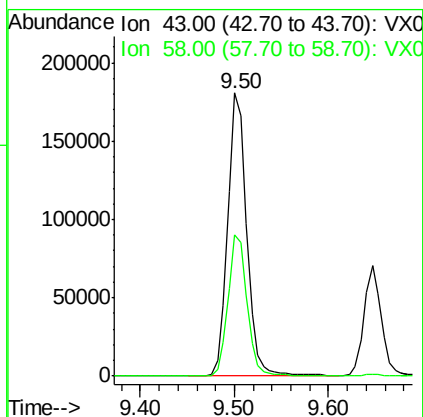
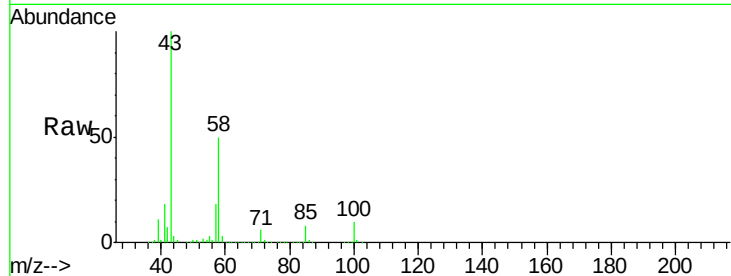




#59
2-Hexanone
Concen: 88.24 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

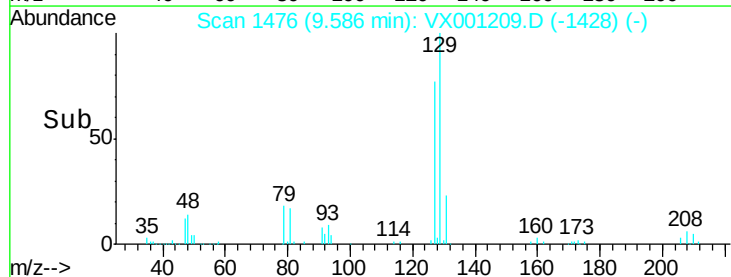
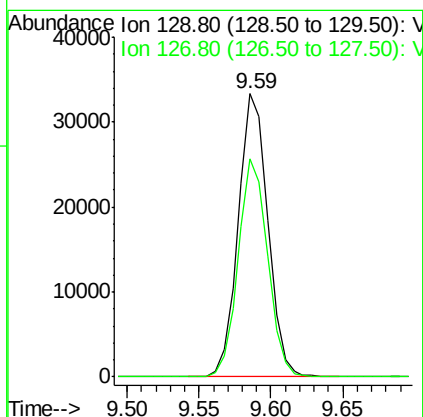
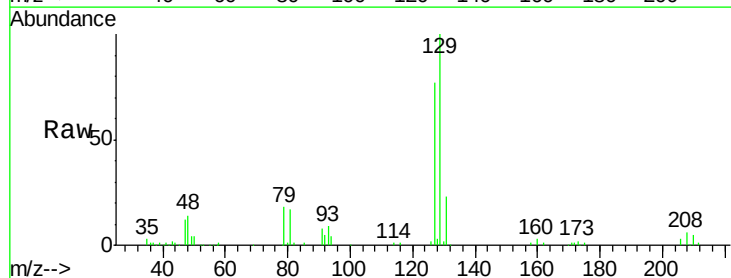
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS01

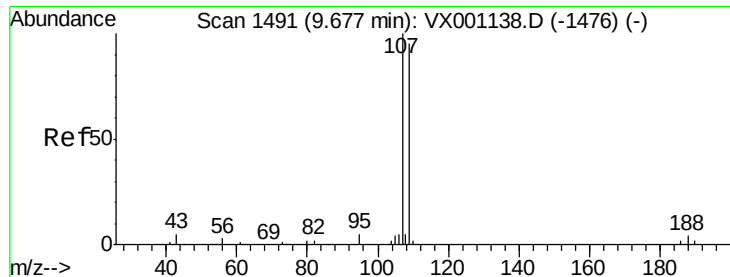
Tgt Ion: 43 Resp: 255098
Ion Ratio Lower Upper
43 100
58 50.2 25.8 77.4



#60
Dibromochloromethane
Concen: 19.25 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Tgt Ion: 129 Resp: 47587
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.71 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

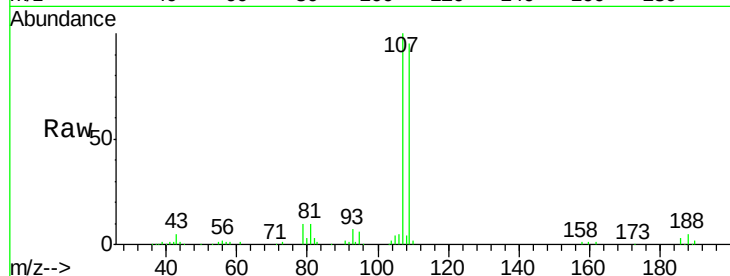
VX0428WBS01

Tgt Ion: 107 Resp: 49367

Ion Ratio Lower Upper

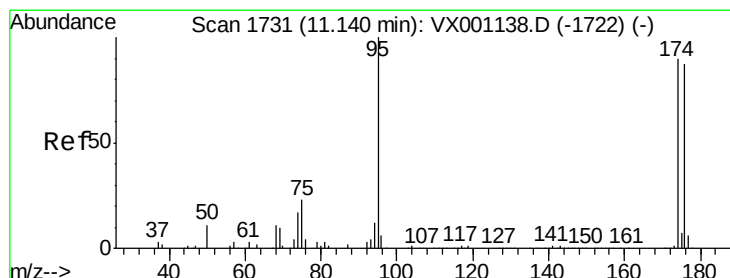
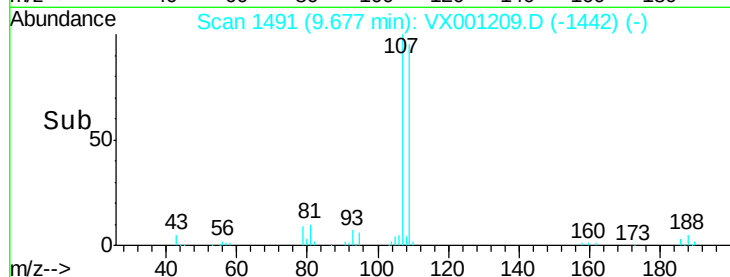
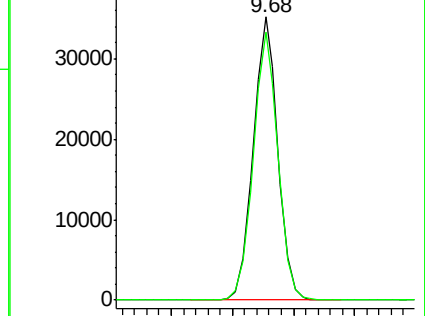
107 100

109 95.1 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: 50.32 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

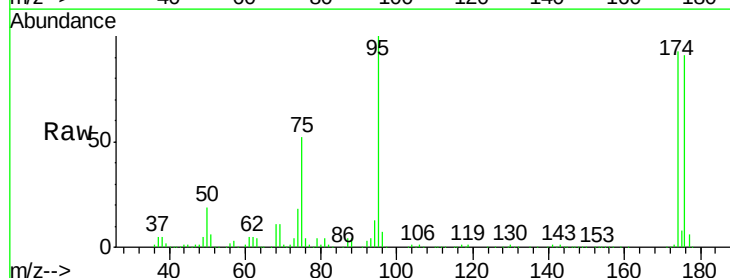
Tgt Ion: 95 Resp: 166432

Ion Ratio Lower Upper

95 100

174 100.8 0.0 194.4

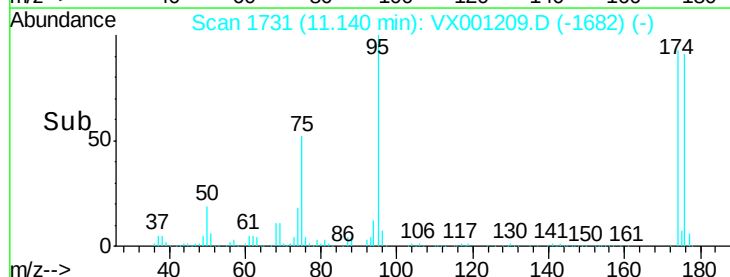
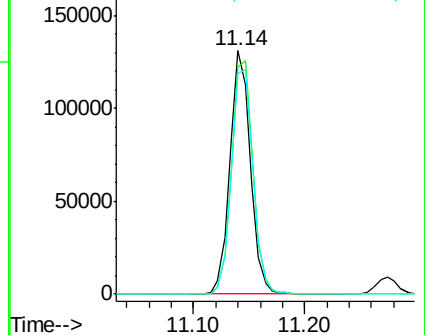
176 97.8 0.0 190.2

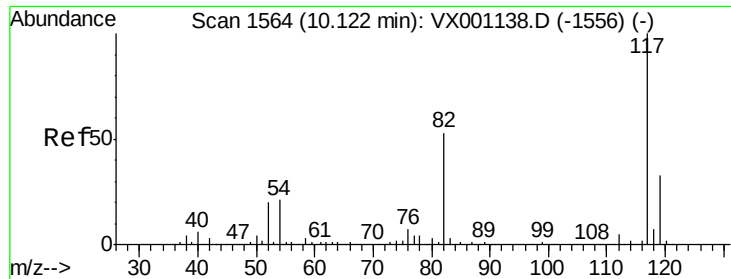


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

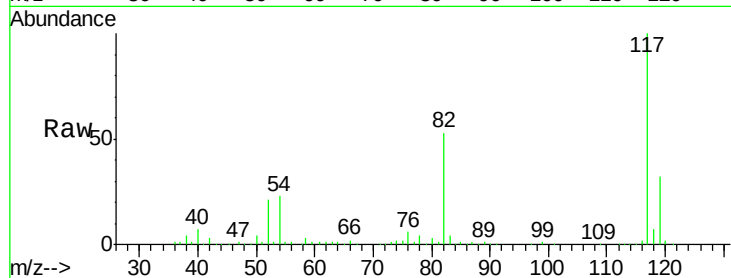




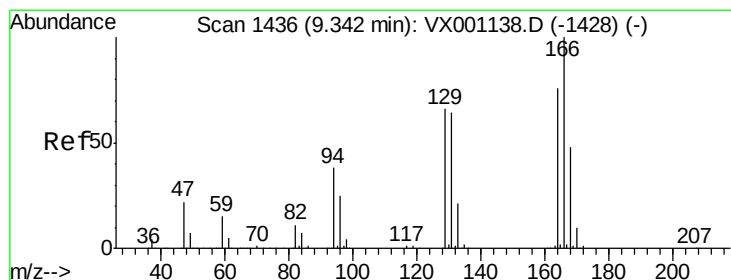
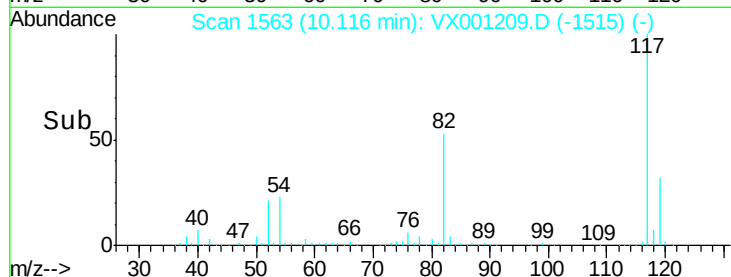
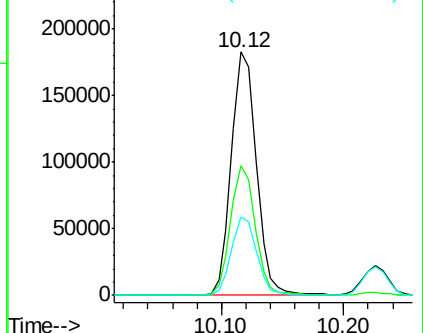
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Instrument :
MSVOA_X
ClientSampled :
VX0428WBS01

Tgt Ion:117 Resp: 259415
Ion Ratio Lower Upper
117 100
82 53.0 42.1 63.1
119 32.2 26.1 39.1



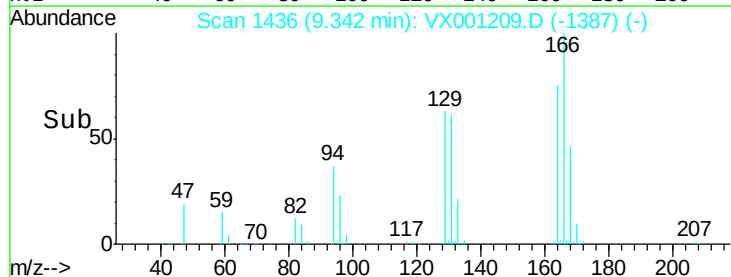
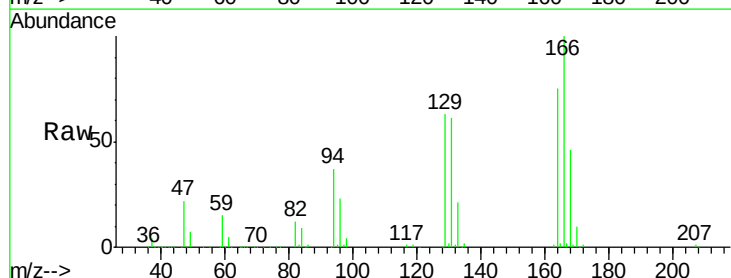
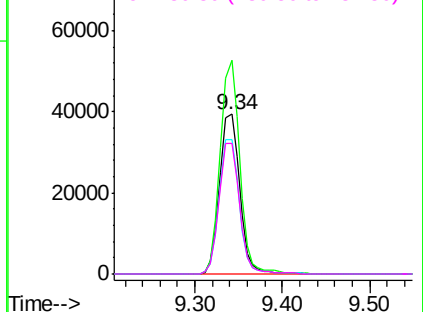
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

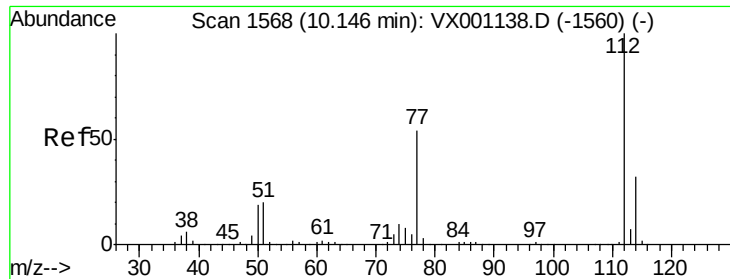


#64
Tetrachloroethene
Concen: 22.85 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Tgt Ion:164 Resp: 63277
Ion Ratio Lower Upper
164 100
166 133.8 105.0 157.6
129 84.6 69.4 104.2
131 81.9 67.3 100.9

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

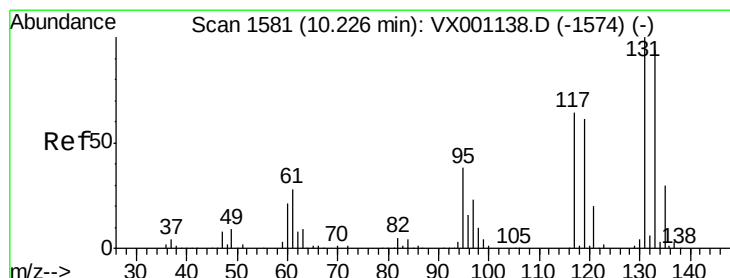
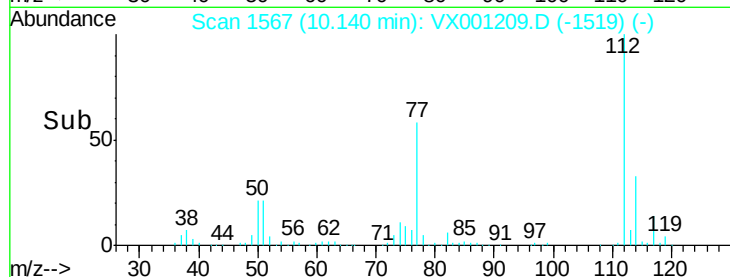
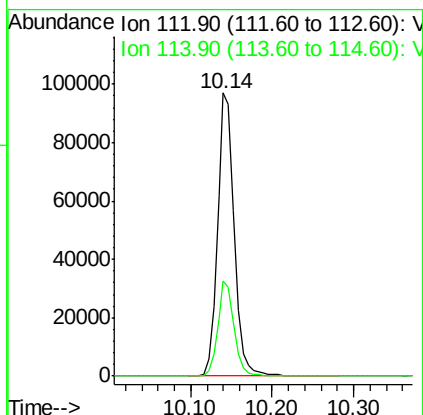
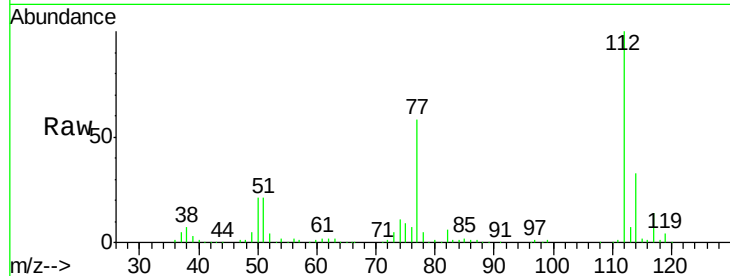




#65
Chlorobenzene
Concen: 20.51 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

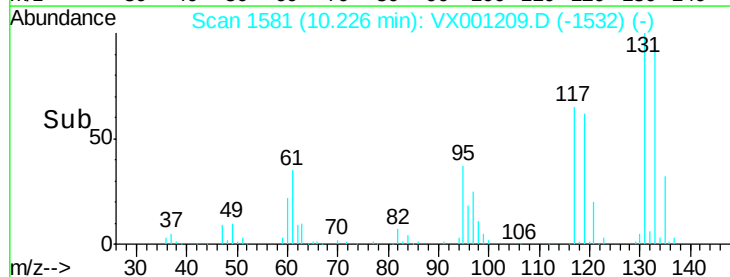
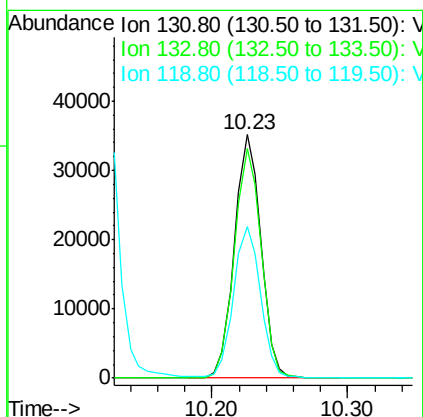
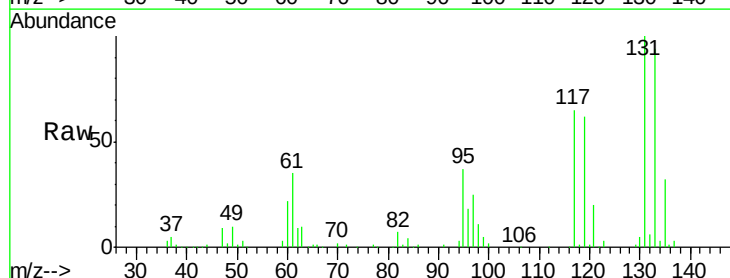
Instrument :
MSVOA_X
ClientSampled :
VX0428WBS01

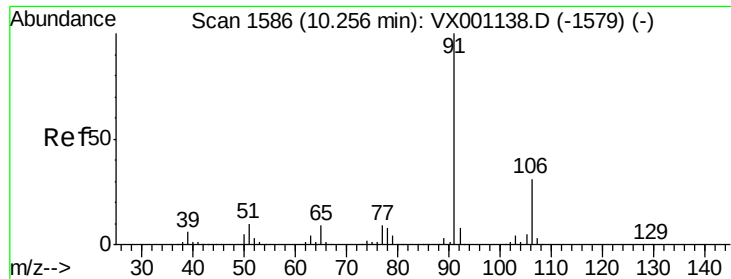
Tgt Ion:112 Resp: 139376
Ion Ratio Lower Upper
112 100
114 33.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.33 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Tgt Ion:131 Resp: 47808
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.4
119 63.9 31.3 93.8





#67

Ethyl Benzene

Concen: 20.85 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

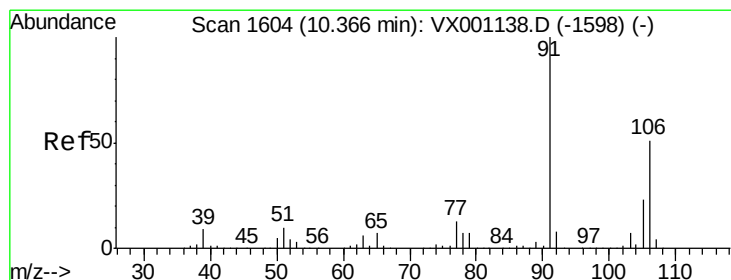
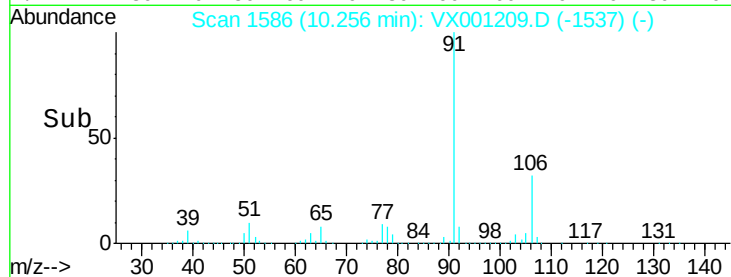
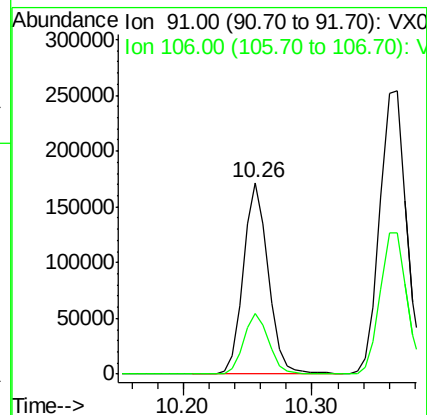
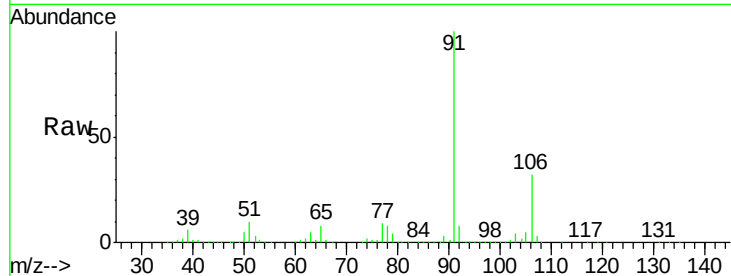
VX0428WBS01

Tgt Ion: 91 Resp: 230224

Ion Ratio Lower Upper

91 100

106 31.5 24.8 37.2



#68

m/p-Xylenes

Concen: 42.09 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX001209.D

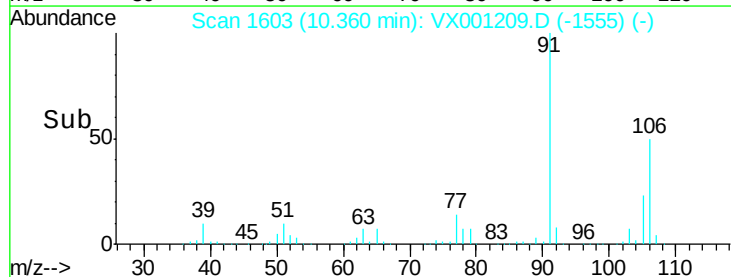
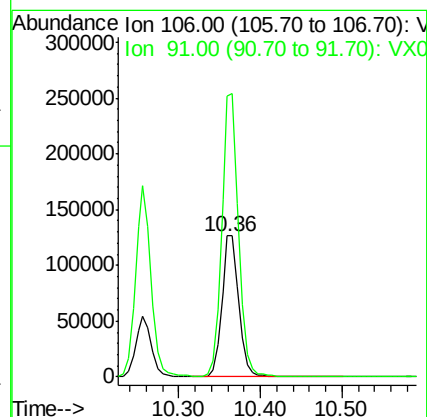
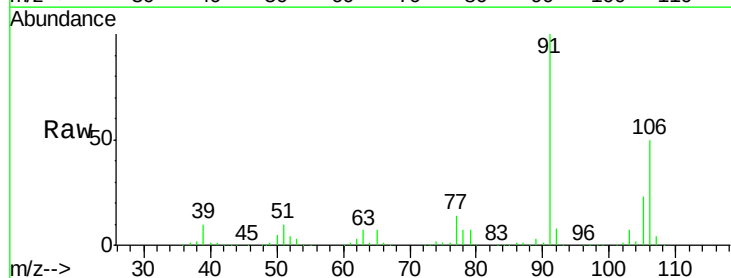
Acq: 28 Apr 2018 13:14

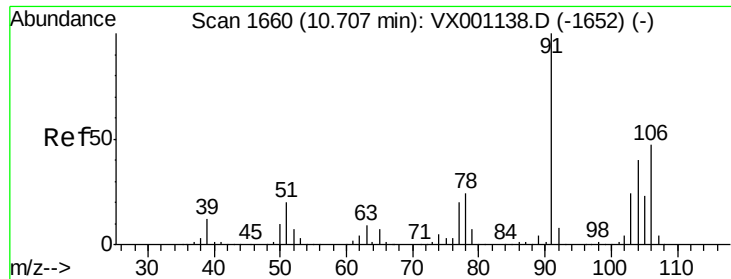
Tgt Ion: 106 Resp: 183738

Ion Ratio Lower Upper

106 100

91 199.8 160.9 241.3

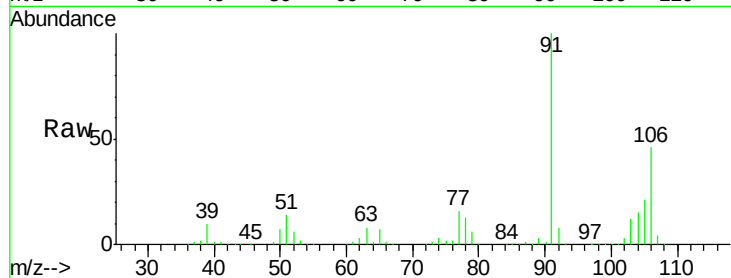




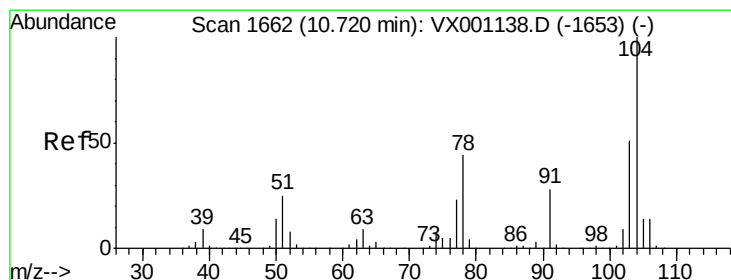
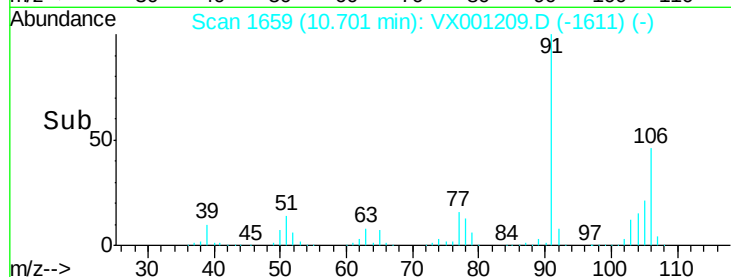
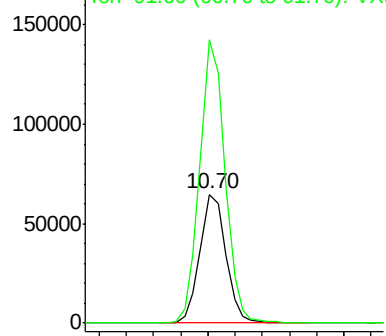
#69
o-Xylene
Concen: 20.54 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS01

Tgt Ion:106 Resp: 86969
Ion Ratio Lower Upper
106 100
91 213.4 106.2 318.5

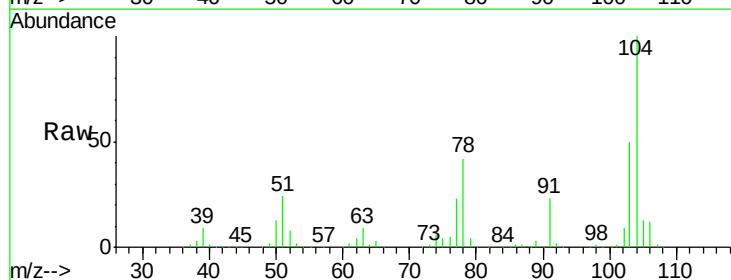


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

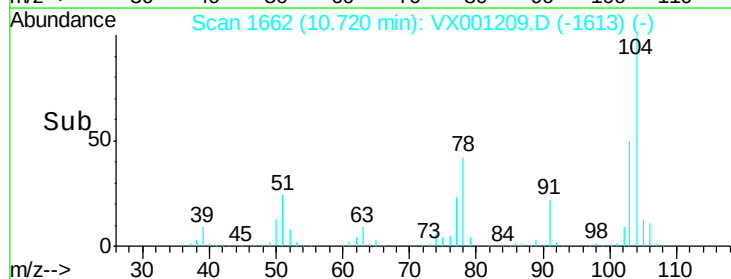
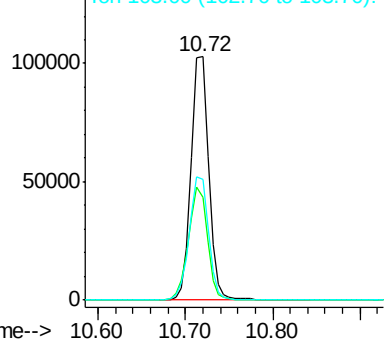


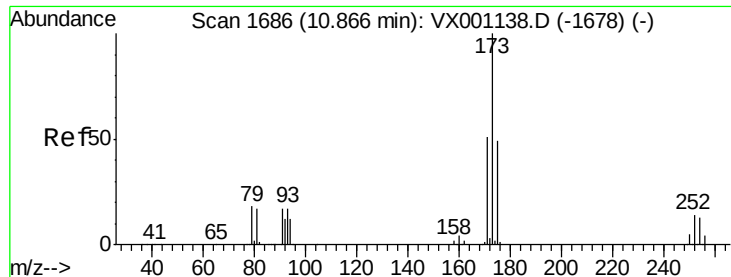
#70
Styrene
Concen: 20.40 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Tgt Ion:104 Resp: 143779
Ion Ratio Lower Upper
104 100
78 49.8 40.3 60.5
103 55.4 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: 18.37 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS01

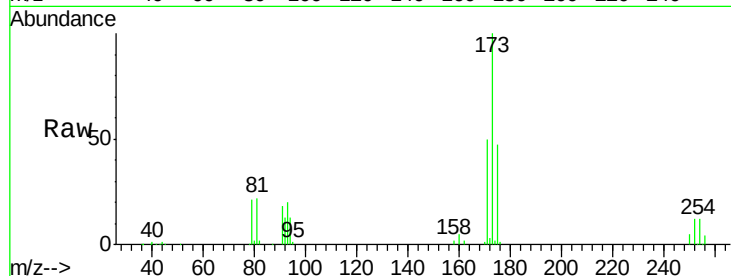
Tgt Ion:173 Resp: 36839

Ion Ratio Lower Upper

173 100

175 48.7 24.6 73.8

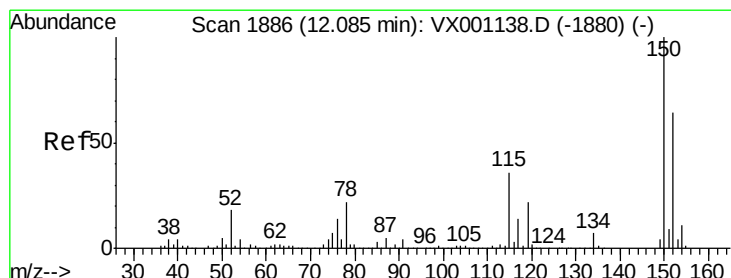
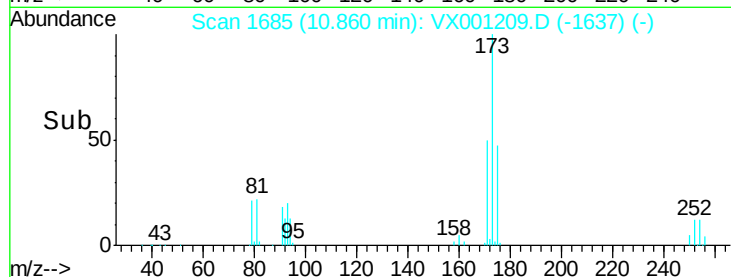
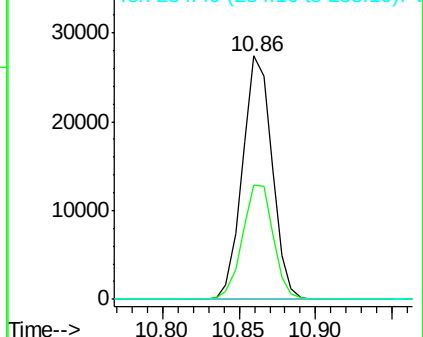
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

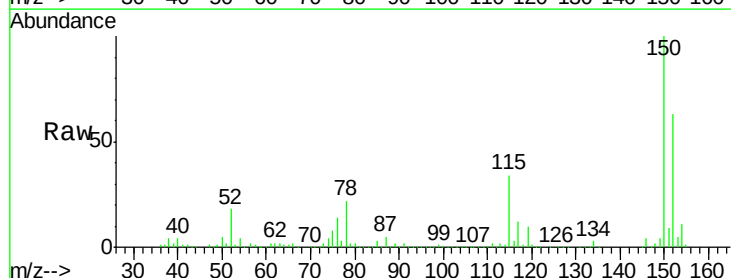
Tgt Ion:152 Resp: 178564

Ion Ratio Lower Upper

152 100

115 63.2 38.0 114.0

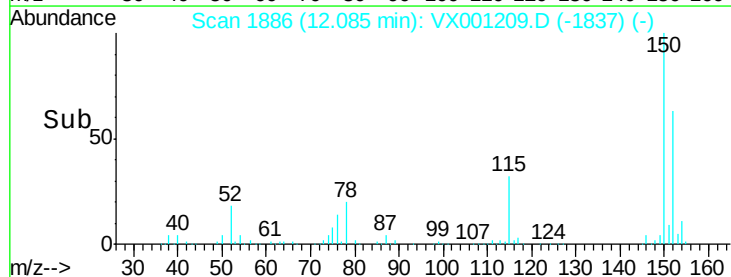
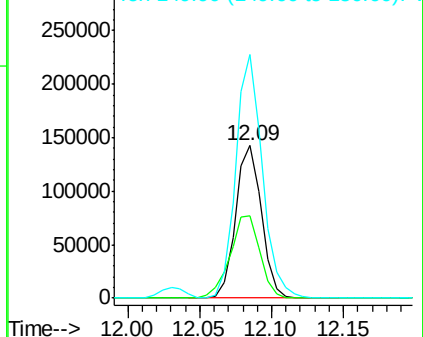
150 163.9 0.0 349.6

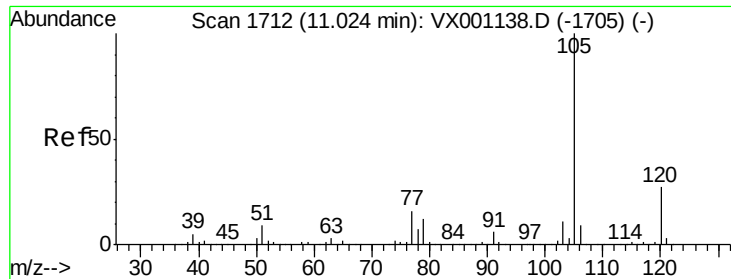


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.17 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

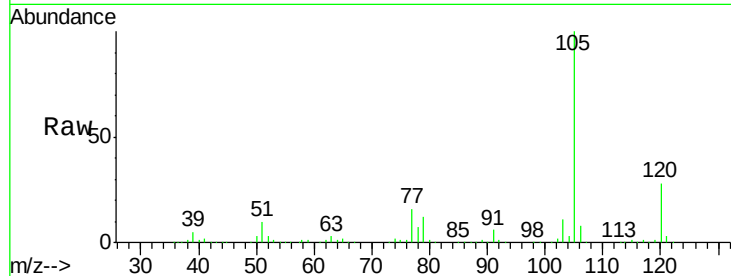
VX0428WBS01

Tgt Ion:105 Resp: 234760

Ion Ratio Lower Upper

105 100

120 27.6 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

150000

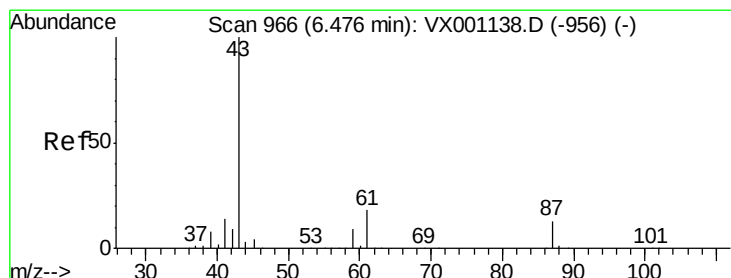
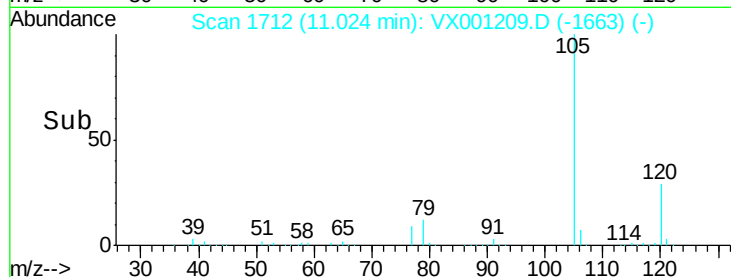
100000

50000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 17.02 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Tgt Ion: 43 Resp: 99823

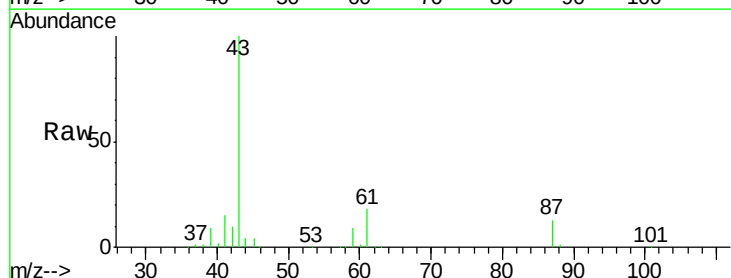
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.5 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

6.47

40000

30000

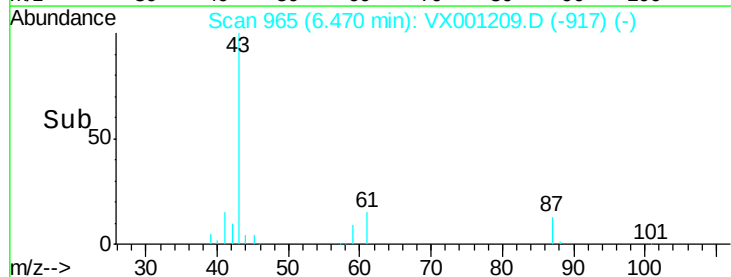
20000

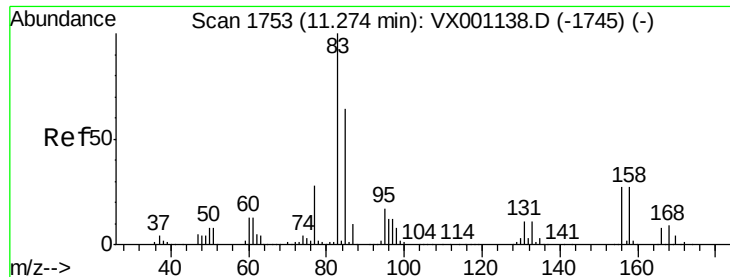
10000

0

Time-->

6.30 6.40 6.50 6.60





#75

1,1,2,2-Tetrachloroethane

Concen: 17.68 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS01

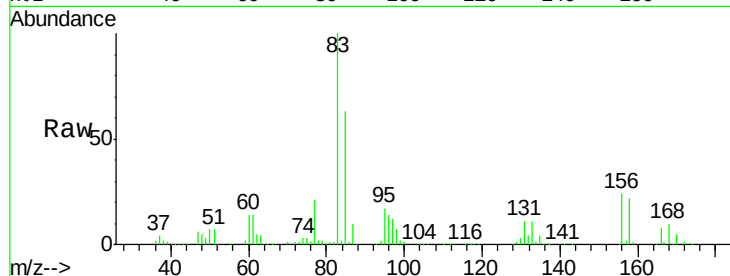
Tgt Ion: 83 Resp: 68284

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.4

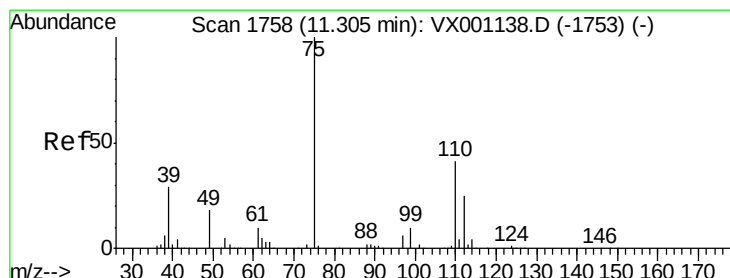
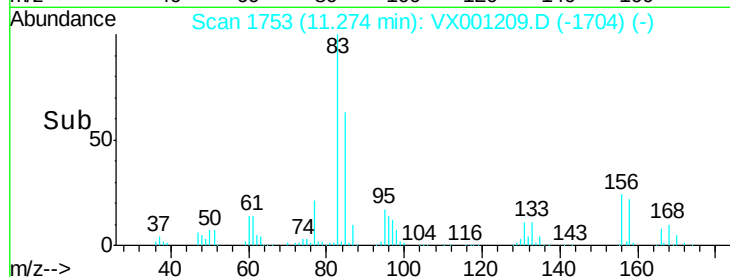
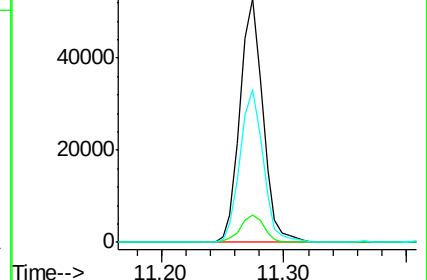
85 63.6 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.16 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001209.D

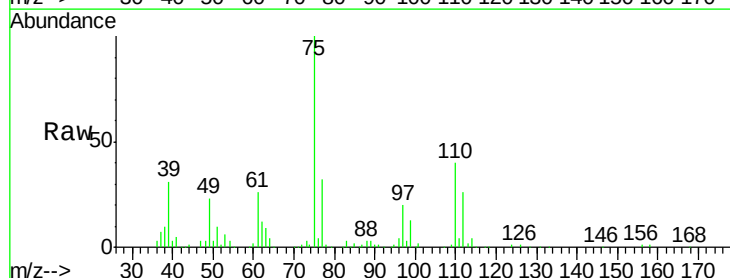
Acq: 28 Apr 2018 13:14

Tgt Ion: 75 Resp: 73292

Ion Ratio Lower Upper

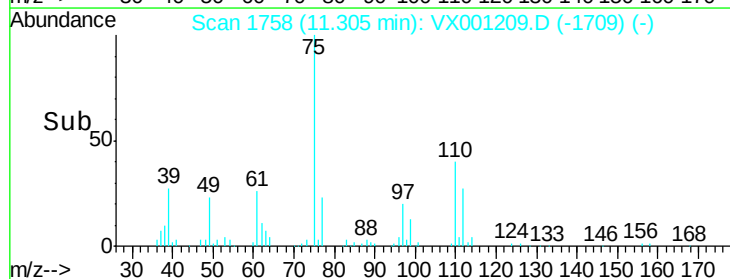
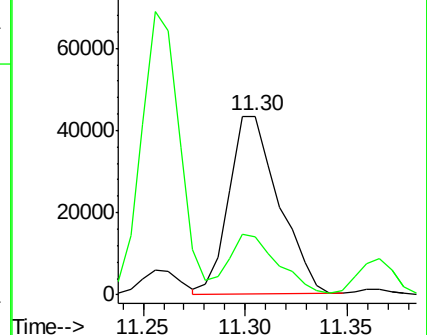
75 100

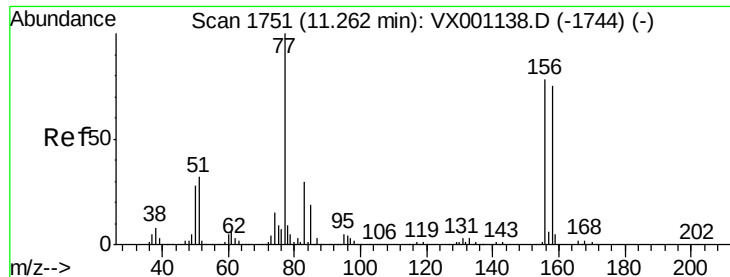
77 34.3 18.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.72 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS01

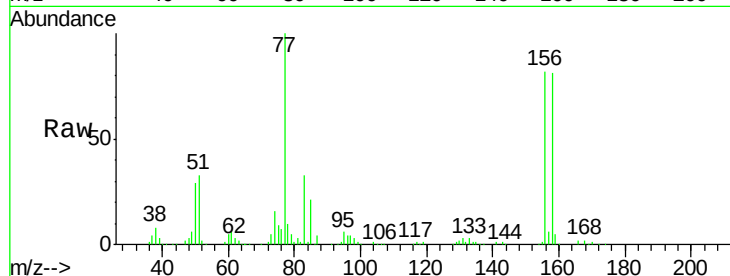
Tgt Ion:156 Resp: 68072

Ion Ratio Lower Upper

156 100

77 130.9 67.8 203.2

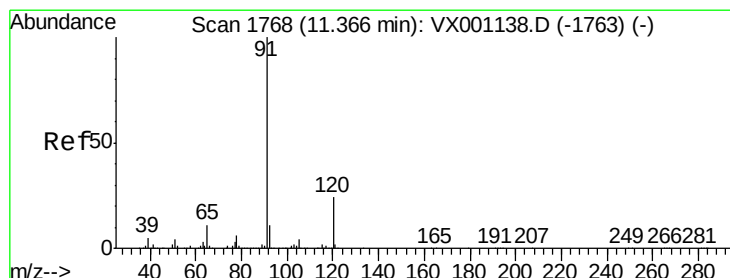
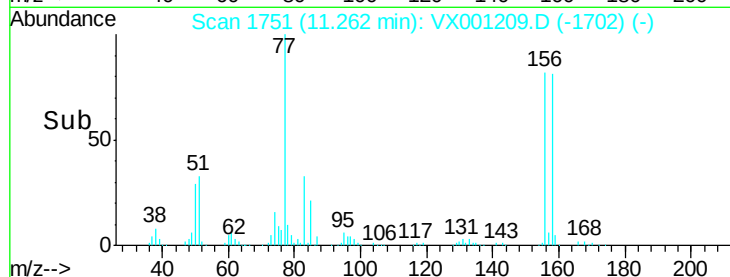
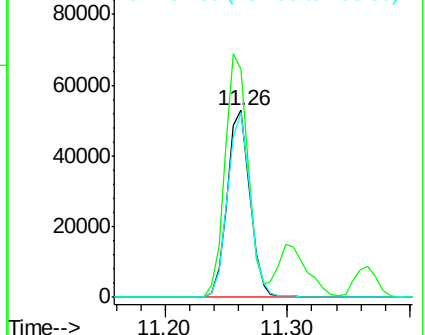
158 98.5 48.9 146.7



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: 20.91 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001209.D

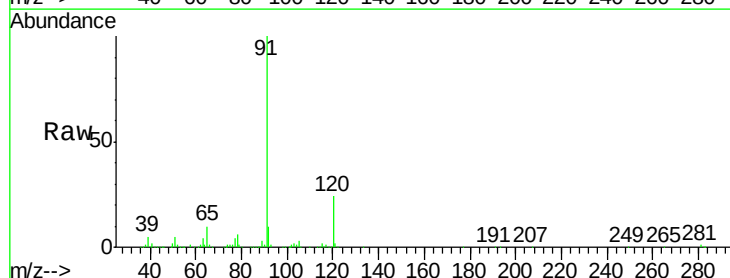
Acq: 28 Apr 2018 13:14

Tgt Ion: 91 Resp: 271382

Ion Ratio Lower Upper

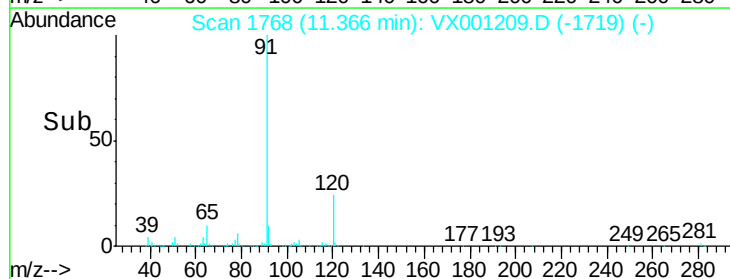
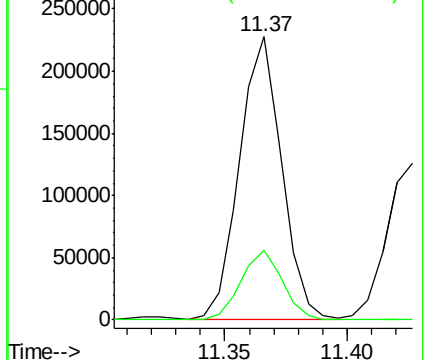
91 100

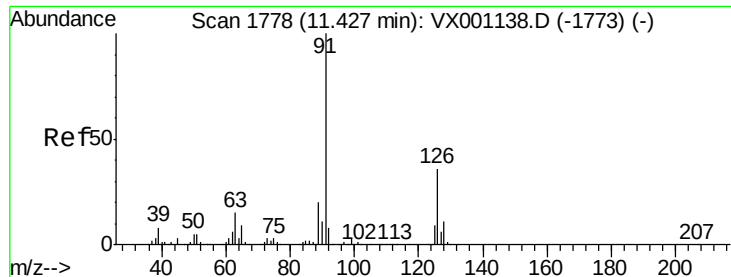
120 24.4 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.92 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampled :

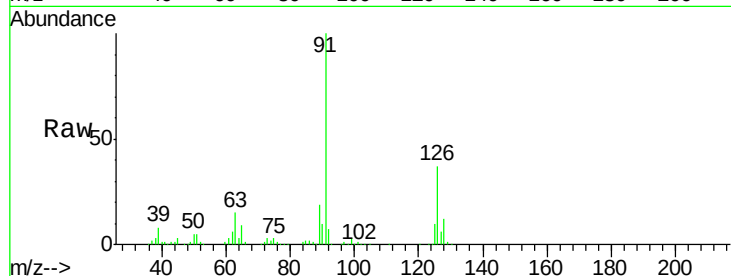
VX0428WBS01

Tgt Ion: 91 Resp: 160217

Ion Ratio Lower Upper

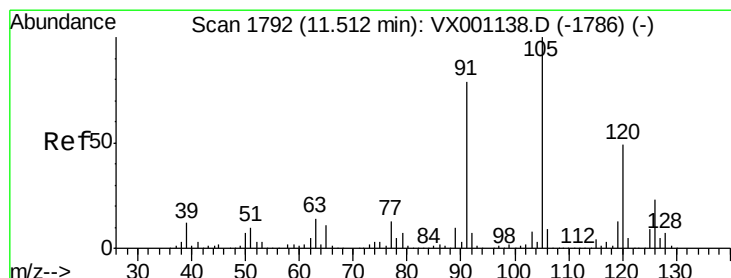
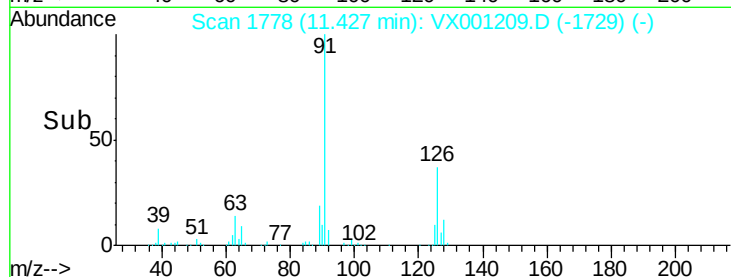
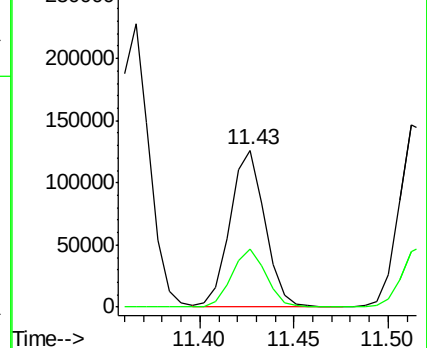
91 100

126 36.8 18.2 54.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.48 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001209.D

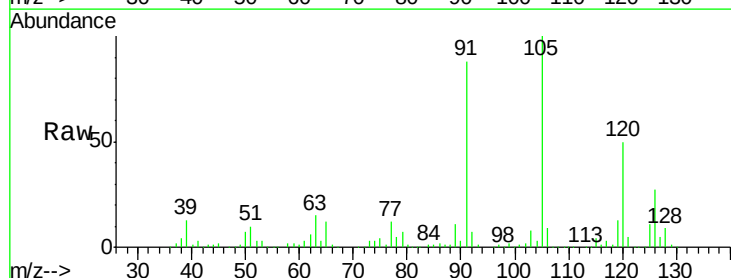
Acq: 28 Apr 2018 13:14

Tgt Ion: 105 Resp: 201843

Ion Ratio Lower Upper

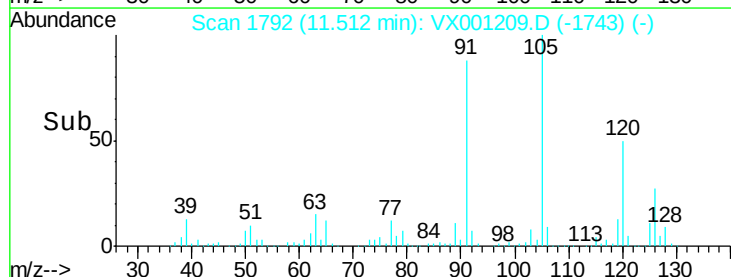
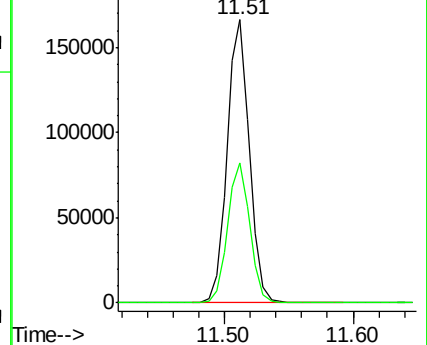
105 100

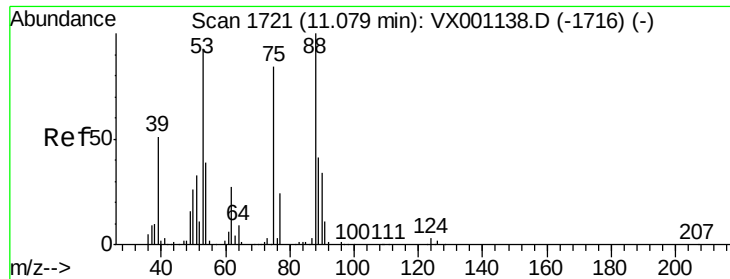
120 49.8 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 16.59 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS01

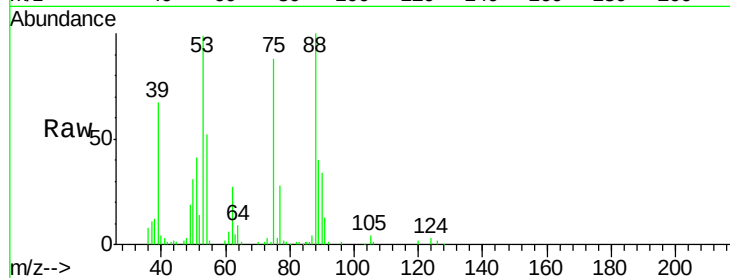
Tgt Ion: 75 Resp: 14584

Ion Ratio Lower Upper

75 100

53 123.9 87.9 131.9

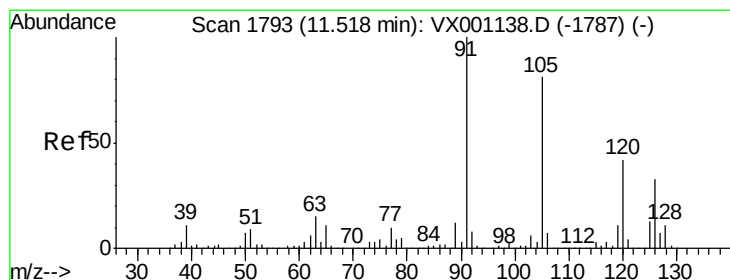
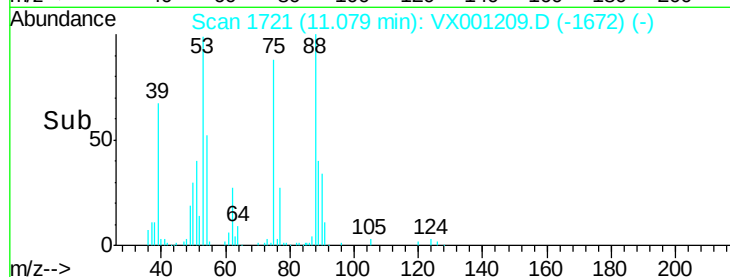
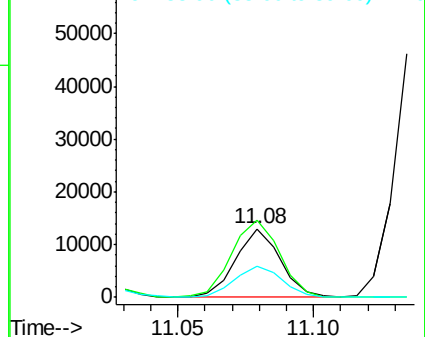
89 48.9 37.7 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.16 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX001209.D

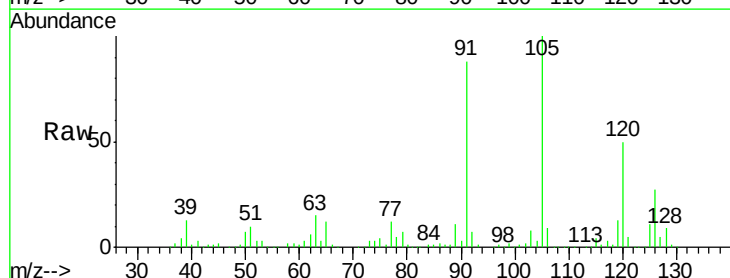
Acq: 28 Apr 2018 13:14

Tgt Ion: 91 Resp: 192808

Ion Ratio Lower Upper

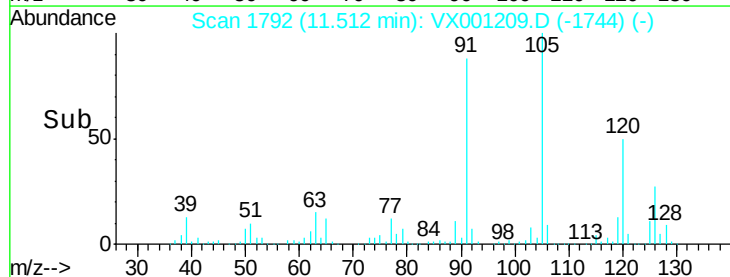
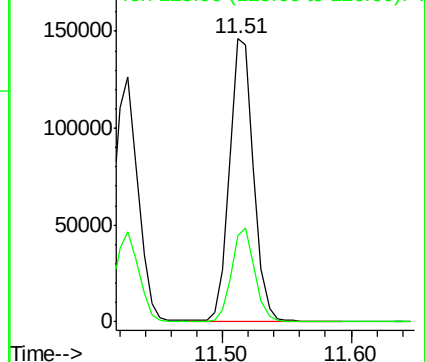
91 100

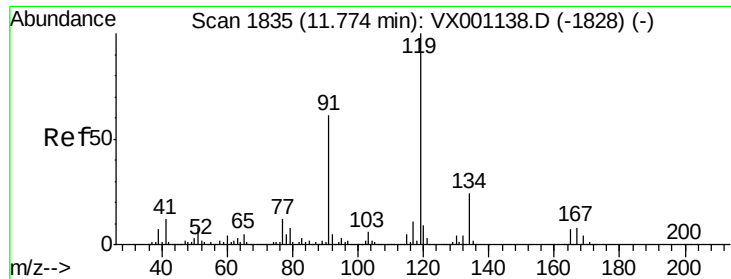
126 31.7 15.8 47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

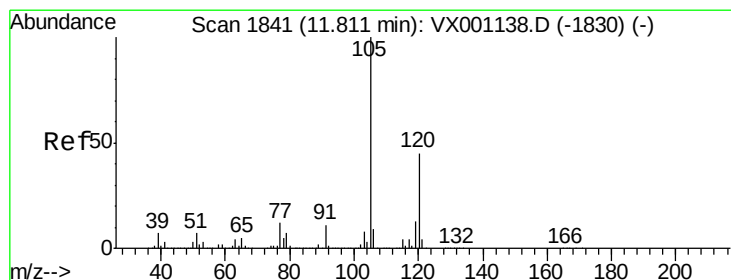
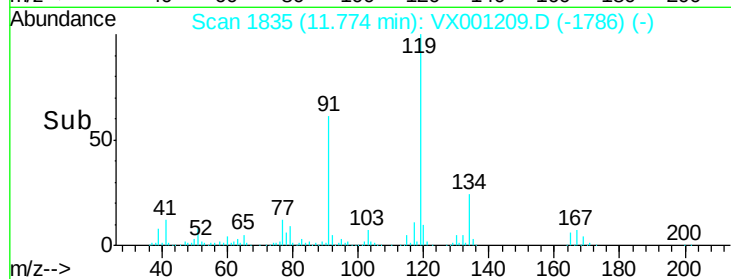
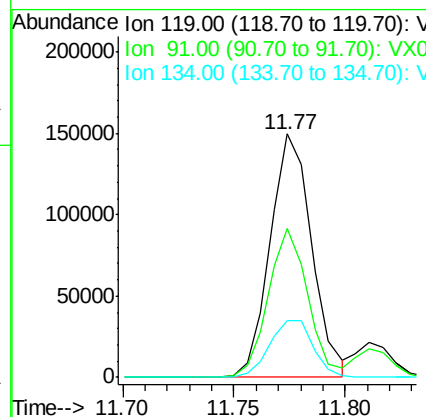
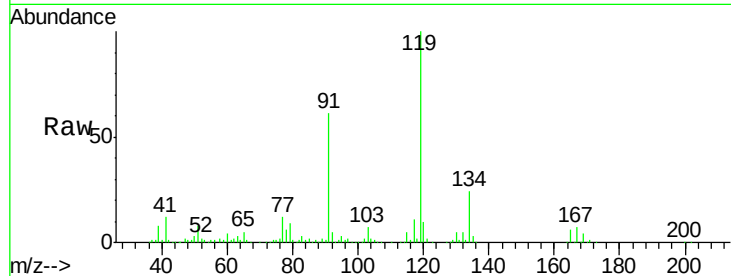




#83
 tert-Butylbenzene
 Concen: 19.75 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

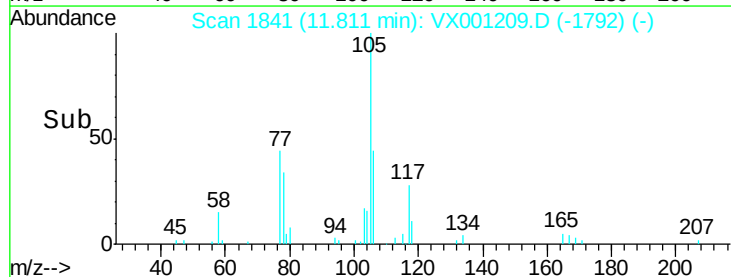
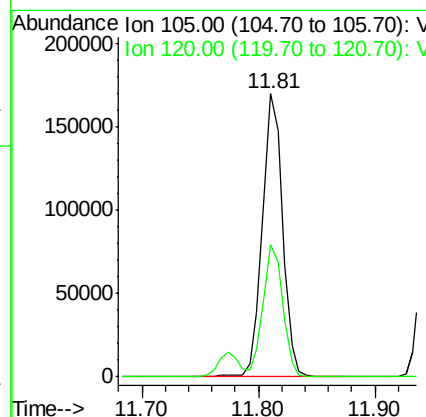
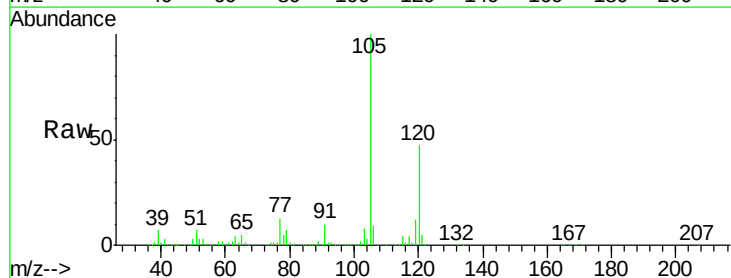
Instrument :
 MSVOA_X
 ClientSampled :
 VX0428WBS01

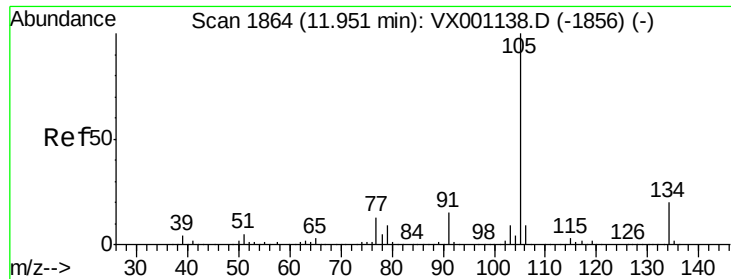
Tgt Ion:119 Resp: 194260
 Ion Ratio Lower Upper
 119 100
 91 58.4 27.6 82.8
 134 24.7 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.52 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Tgt Ion:105 Resp: 207830
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.4 67.3





#85

sec-Butylbenzene

Concen: 20.98 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

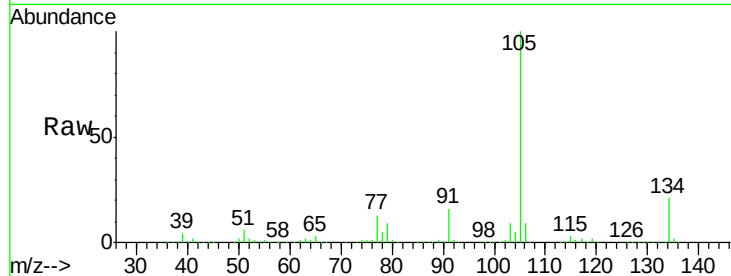
VX0428WBS01

Tgt Ion:105 Resp: 240995

Ion Ratio Lower Upper

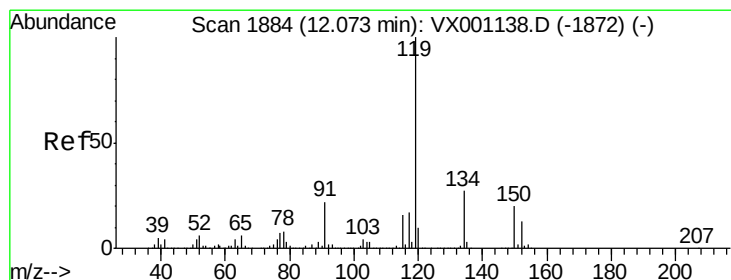
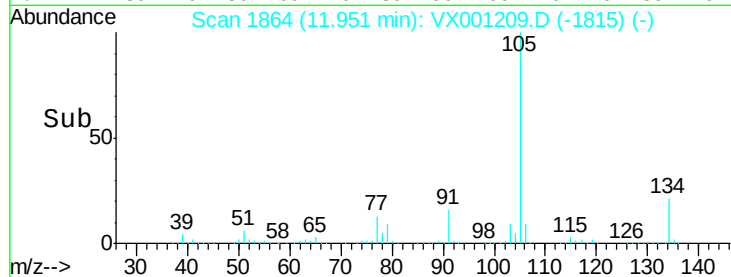
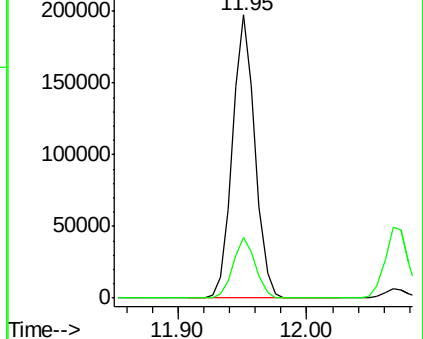
105 100

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



#86

p-Isopropyltoluene

Concen: 20.63 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

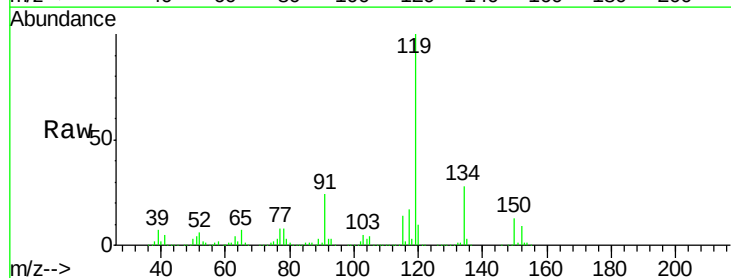
Tgt Ion:119 Resp: 220441

Ion Ratio Lower Upper

119 100

134 27.7 13.4 40.1

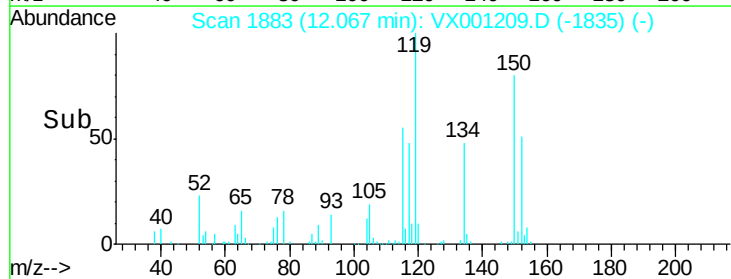
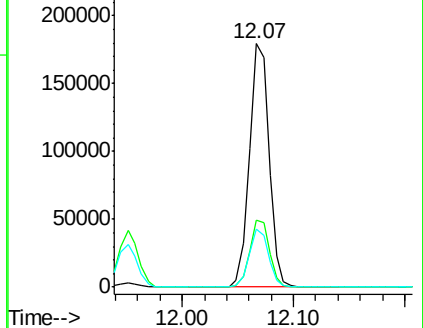
91 23.5 11.6 34.8

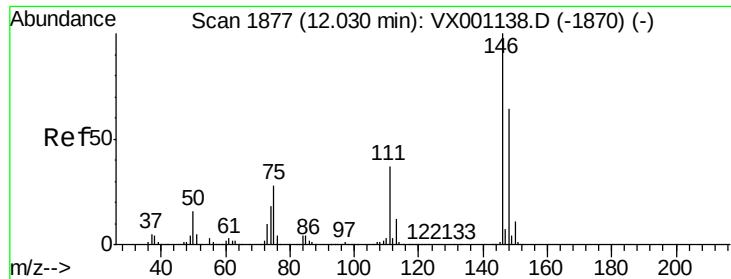


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

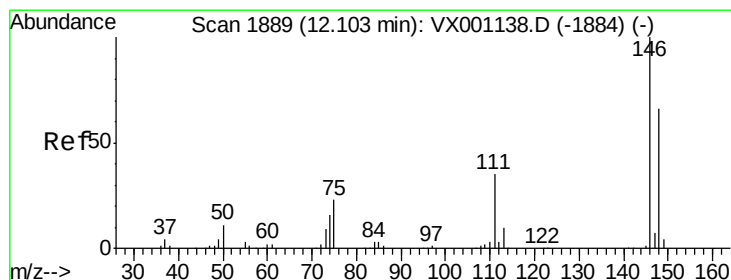
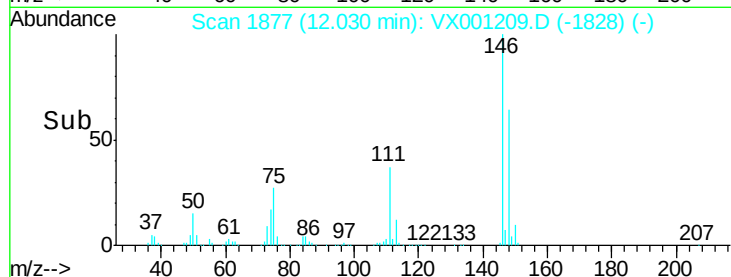
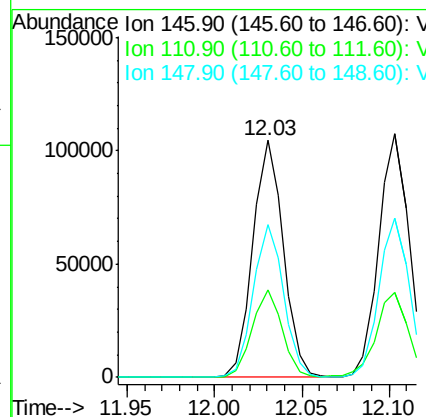
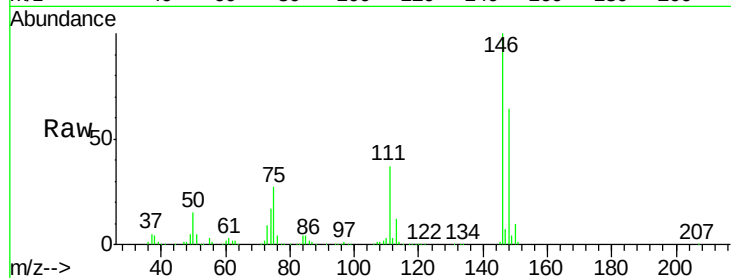




#87
 1,3-Dichlorobenzene
 Concen: 20.54 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

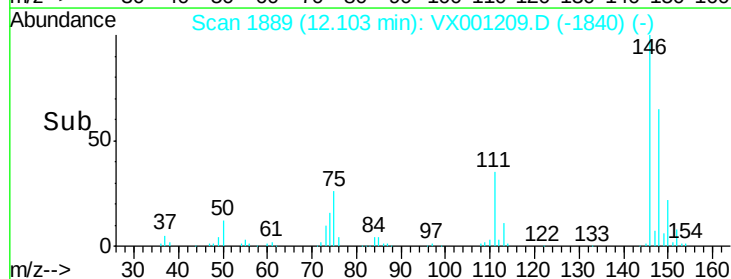
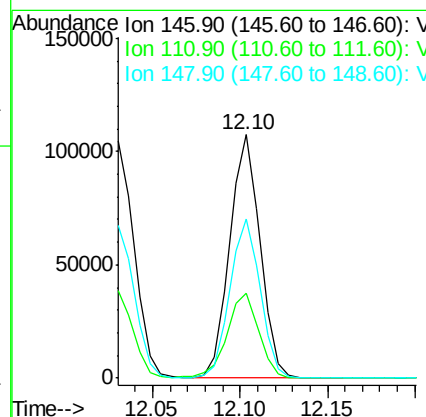
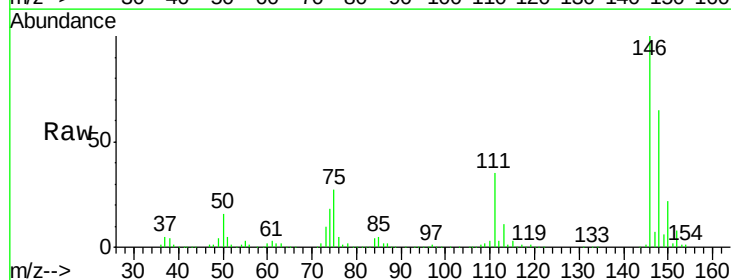
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS01

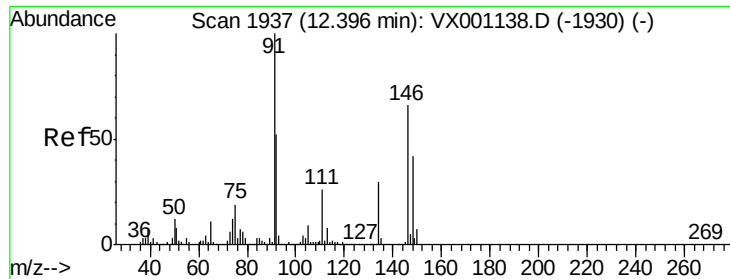
Tgt Ion:146 Resp: 127271
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.6 56.0
 148 63.8 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 20.10 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Tgt Ion:146 Resp: 129788
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.0 54.0
 148 65.6 32.5 97.5





#89

n-Butylbenzene

Concen: 20.39 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS01

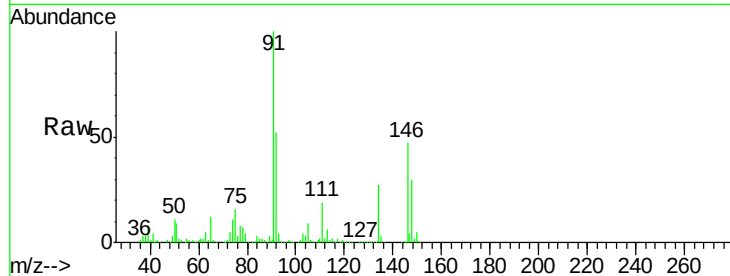
Tgt Ion: 91 Resp: 188555

Ion Ratio Lower Upper

91 100

92 52.0 26.2 78.6

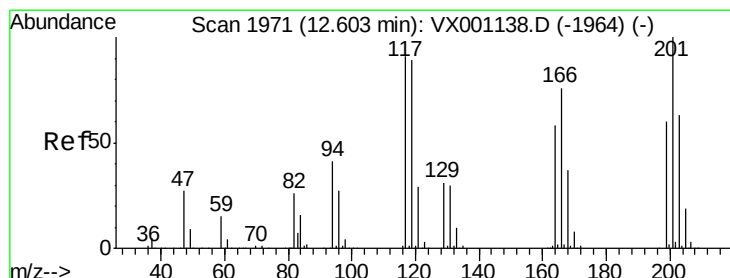
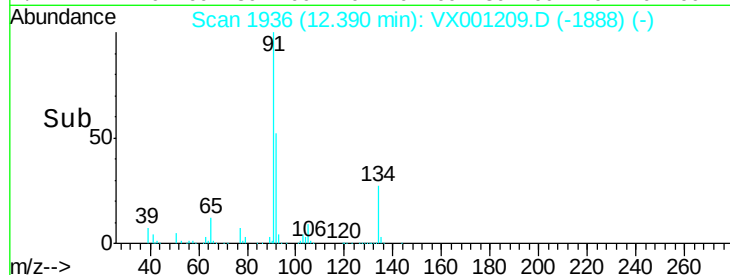
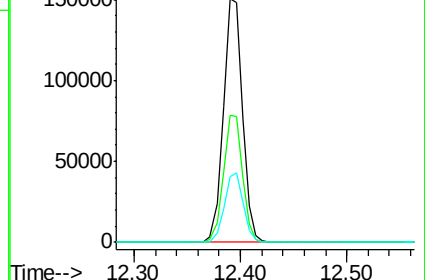
134 27.9 14.1 42.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.35 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001209.D

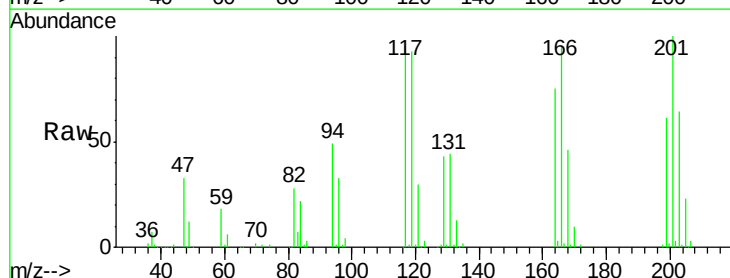
Acq: 28 Apr 2018 13:14

Tgt Ion: 117 Resp: 29547

Ion Ratio Lower Upper

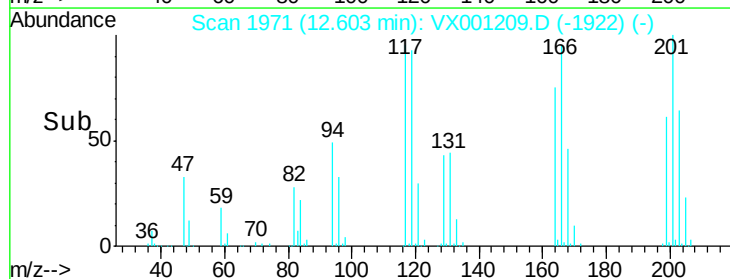
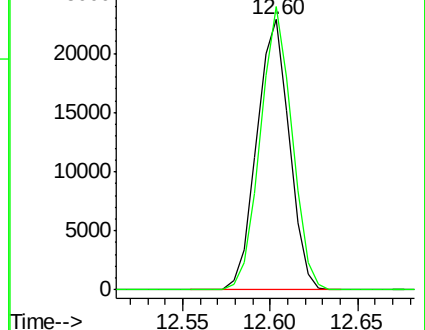
117 100

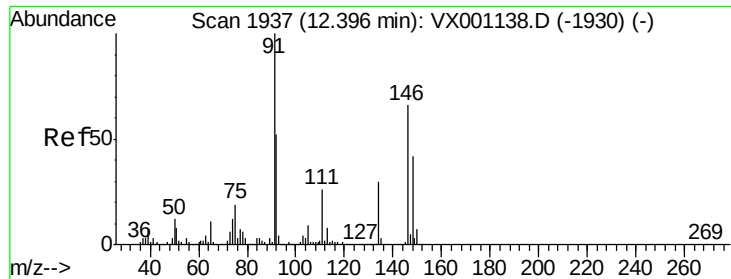
201 101.8 51.8 155.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

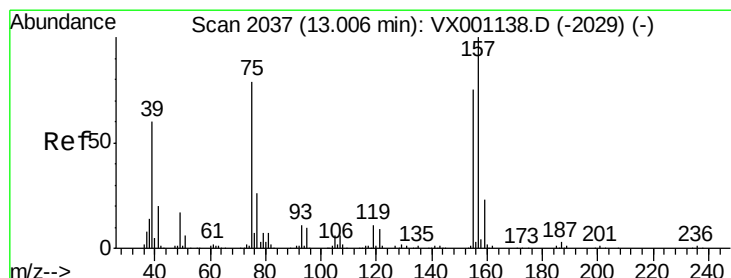
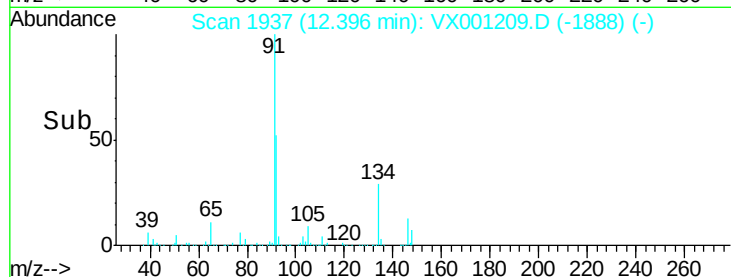
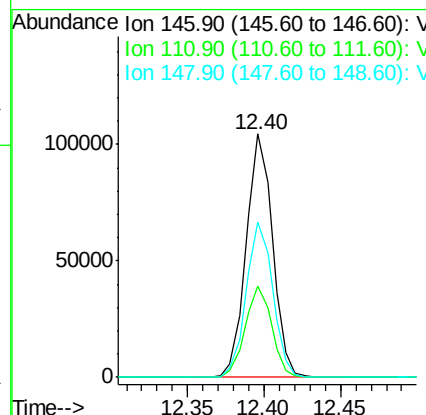
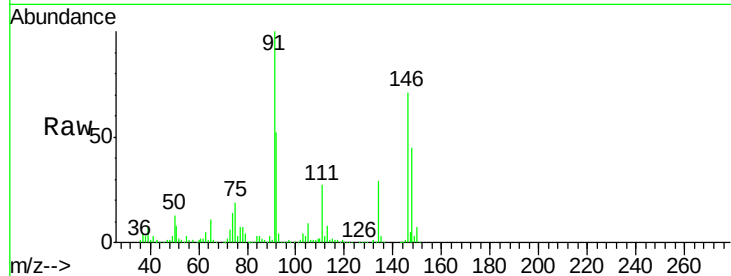




#91
 1,2-Dichlorobenzene
 Concen: 20.05 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

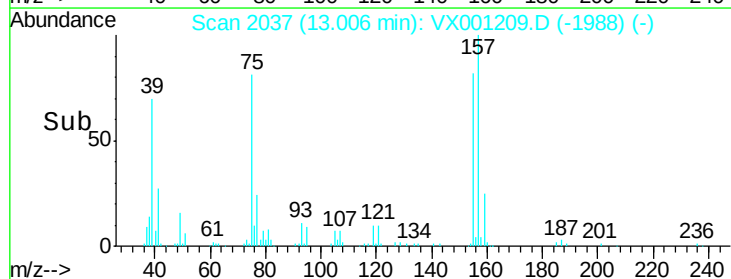
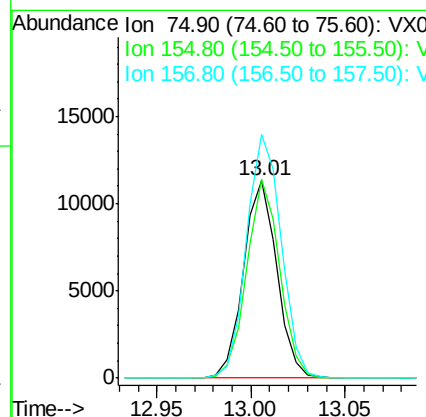
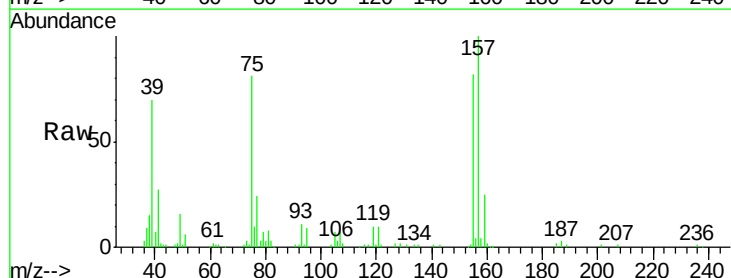
Instrument :
 MSVOA_X
 ClientSampled :
 VX0428WBS01

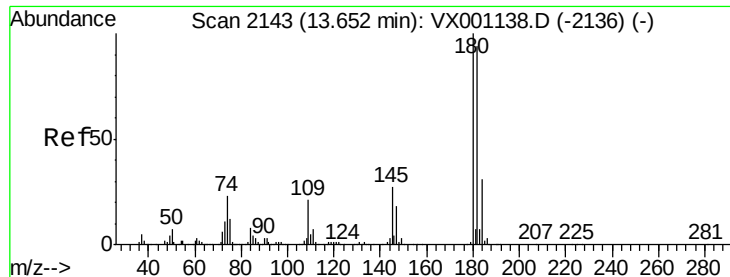
Tgt Ion: 146 Resp: 125531
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.1 57.3
 148 64.4 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.27 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Tgt Ion: 75 Resp: 13869
 Ion Ratio Lower Upper
 75 100
 155 99.5 48.4 145.3
 157 128.4 62.7 188.1

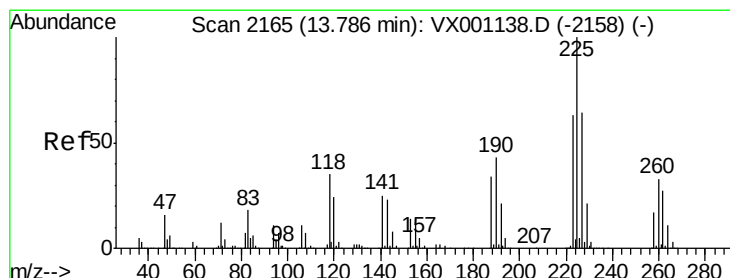
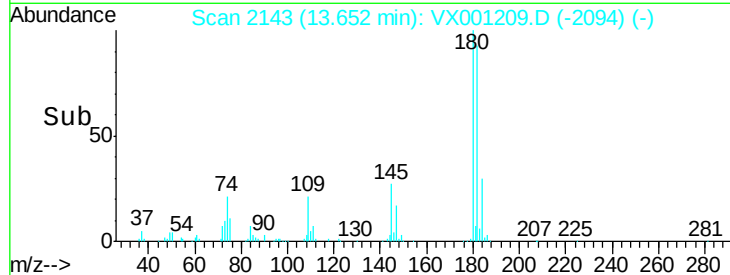
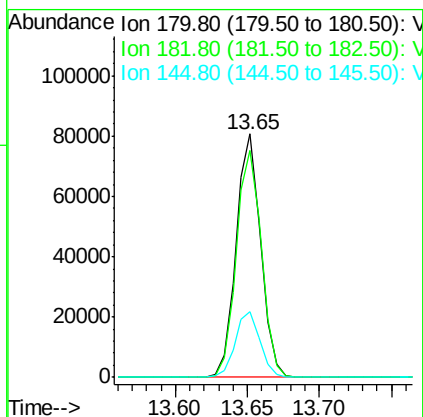
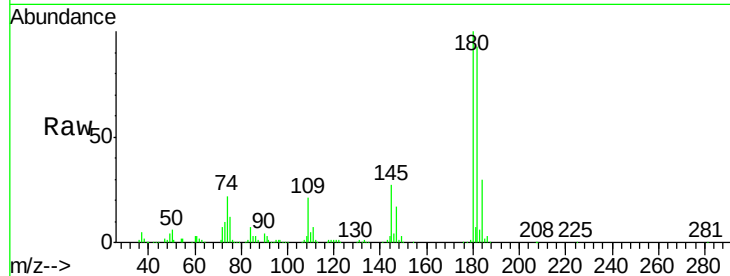




#93
 1,2,4-Trichlorobenzene
 Concen: 19.52 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

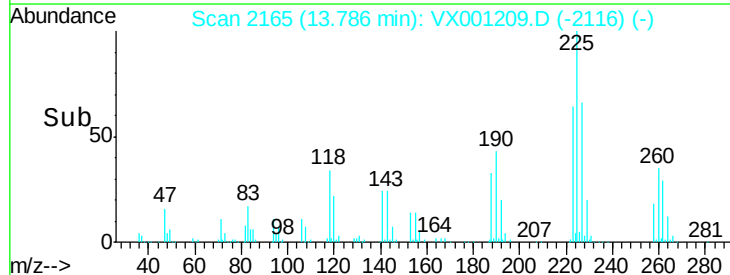
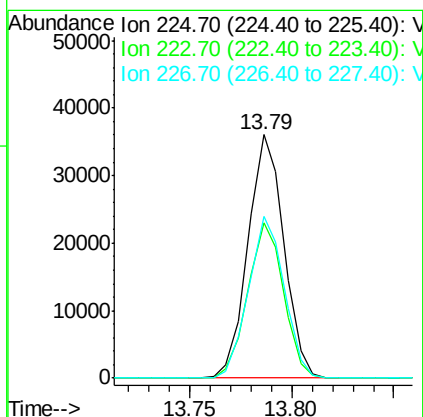
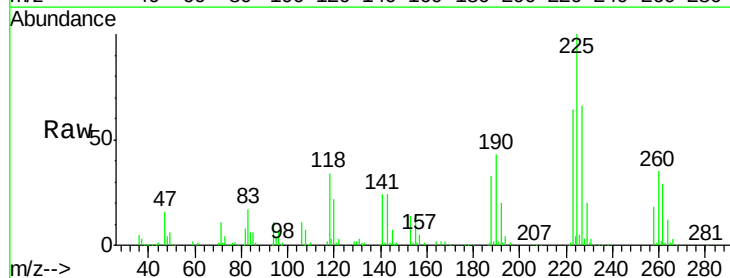
Instrument :
 MSVOA_X
 ClientSampled :
 VX0428WBS01

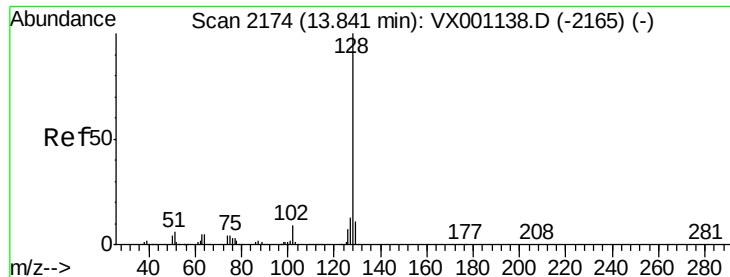
Tgt Ion:180 Resp: 95818
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.9 143.6
 145 27.5 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 19.17 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Tgt Ion:225 Resp: 44238
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.3 93.9
 227 66.2 32.2 96.6





#95

Naphthalene

Concen: 18.13 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampled :

VX0428WBS01

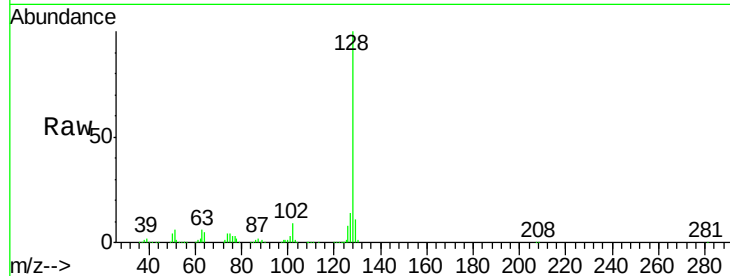
Tgt Ion:128 Resp: 247991

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

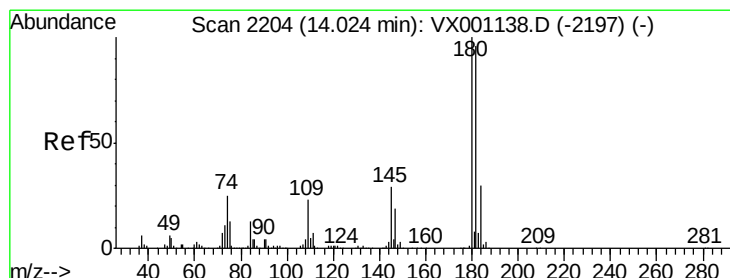
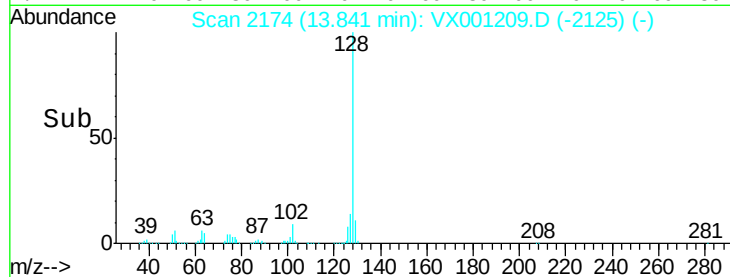
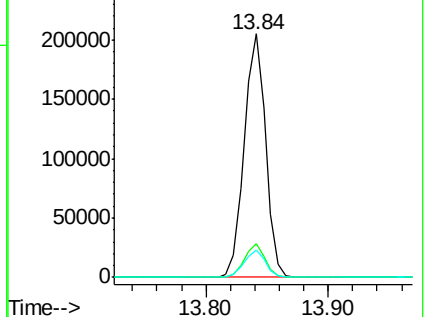
129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.38 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

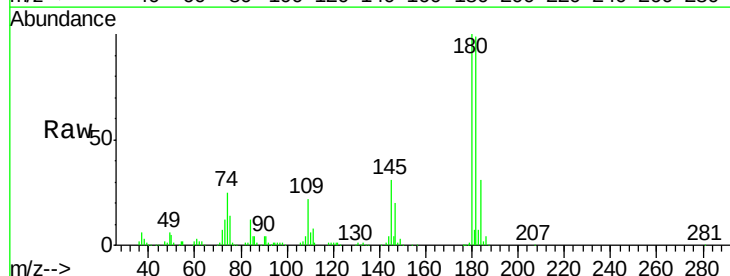
Tgt Ion:180 Resp: 94688

Ion Ratio Lower Upper

180 100

182 96.4 48.2 144.6

145 29.0 14.5 43.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

