

Data File : VX001225.D

Acq On : 28 Apr 2018 20:13

Operator : JC/MD

Sample : J2547-02MS

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 20 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-180423MS

Quant Time: Apr 30 01:35:48 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	196617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	263612	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	257792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178362	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	134657	44.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.36%	
35) Dibromofluoromethane	5.51	113	111229	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
50) Toluene-d8	8.72	98	412781	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.15	95	160508	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	92389	44.81	ug/l	99
3) Chloromethane	1.32	50	85719	39.69	ug/l	100
4) Vinyl Chloride	1.40	62	114946	50.17	ug/l	100
5) Bromomethane	1.64	94	62802	44.57	ug/l	98
6) Chloroethane	1.72	64	69182	47.97	ug/l	98
7) Trichlorofluoromethane	1.93	101	186000	50.27	ug/l	98
8) Diethyl Ether	2.19	74	67700	47.59	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	102405	50.23	ug/l	99
10) Methyl Iodide	2.51	142	173364	77.19	ug/l	99
11) Tert butyl alcohol	3.09	59	169415	281.88	ug/l	100
12) 1,1-Dichloroethene	2.37	96	89832	45.18	ug/l	99
13) Acrolein	2.30	56	44010	193.70	ug/l	98
14) Allyl chloride	2.73	41	181497	50.04	ug/l	99
15) Acrylonitrile	3.16	53	301924	235.24	ug/l	99
16) Acetone	2.45	43	334675	267.03	ug/l	100
17) Carbon Disulfide	2.57	76	243563	48.01	ug/l	100
18) Methyl Acetate	2.78	43	158391	50.50	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	351117	47.97	ug/l	99
20) Methylene Chloride	2.86	84	107657	46.12	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	99950	45.48	ug/l	99
22) Diisopropyl ether	3.89	45	331439	45.67	ug/l	99
23) Vinyl Acetate	3.84	43	1382091	224.49	ug/l	99
24) 1,1-Dichloroethane	3.70	63	181019	47.46	ug/l	98
25) 2-Butanone	4.72	43	440082	234.67	ug/l	99
26) 2,2-Dichloropropane	4.59	77	123657	41.19	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	122305	50.82	ug/l	98
28) Bromochloromethane	5.03	49	78899	46.13	ug/l	97
29) Tetrahydrofuran	5.18	42	275386	228.39	ug/l	99
30) Chloroform	5.23	83	197771	48.76	ug/l	100
31) Cyclohexane	5.58	56	152175	46.96	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	172645	49.31	ug/l	99
36) 1,1-Dichloropropene	5.81	75	139180	47.91	ug/l	99
37) Ethyl Acetate	4.87	43	164810	47.38	ug/l	99
38) Carbon Tetrachloride	5.79	117	154927	52.01	ug/l	100

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Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-180423MS

Quant Time: Apr 30 01:35:48 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	155651	48.41	ug/l	97
40) Benzene	6.15	78	432340	51.45	ug/l	99
41) Methacrylonitrile	5.07	41	87375	44.70	ug/l	98
42) 1,2-Dichloroethane	6.21	62	164766	48.66	ug/l	100
43) Isopropyl Acetate	6.48	43	264039	48.33	ug/l	100
44) Trichloroethene	7.22	130	125796	50.25	ug/l	96
45) 1,2-Dichloropropane	7.52	63	108643	49.16	ug/l	97
46) Dibromomethane	7.67	93	78148	51.06	ug/l	99
47) Bromodichloromethane	7.91	83	145361	52.27	ug/l	99
48) Methyl methacrylate	7.79	41	114876	39.56	ug/l	98
49) 1,4-Dioxane	7.76	88	59684	1026.54	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	924099	257.50	ug/l	99
52) Toluene	8.79	92	281572	51.24	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	165716	51.26	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	155879	44.77	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	116644	50.17	ug/l	99
56) Ethyl methacrylate	9.19	69	143843	41.76	ug/l	98
57) 1,3-Dichloropropane	9.38	76	186960	49.71	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.26	63	744	0.46	ug/l #	45
59) 2-Hexanone	9.51	43	723097	257.16	ug/l	100
60) Dibromochloromethane	9.59	129	127658	47.21	ug/l	99
61) 1,2-Dibromoethane	9.68	107	125166	51.39	ug/l	99
64) Tetrachloroethene	9.34	164	131356	47.74	ug/l	96
65) Chlorobenzene	10.15	112	646780	95.76	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	125164	53.56	ug/l	99
67) Ethyl Benzene	10.26	91	542695	49.45	ug/l	100
68) m/p-Xylenes	10.37	106	409724	94.44	ug/l	100
69) o-Xylene	10.71	106	206199	49.00	ug/l	99
70) Styrene	10.72	104	115364	16.47	ug/l #	79
71) Bromoform	10.87	173	106342	43.93	ug/l	100
73) Isopropylbenzene	11.02	105	562762	48.41	ug/l	99
74) N-amyl acetate	6.48	43	264039	45.07	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	185382	48.06	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	209099	57.57	ug/l	89
77) Bromobenzene	11.26	156	167471	48.58	ug/l	98
78) n-propylbenzene	11.37	91	635767	49.04	ug/l	100
79) 2-Chlorotoluene	11.43	91	388319	48.32	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	420199	42.69	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	35211	32.80	ug/l	95
82) 4-Chlorotoluene	11.52	91	464568	48.64	ug/l	98
83) tert-Butylbenzene	11.77	119	492306	50.12	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	341206	33.73	ug/l	100
85) sec-Butylbenzene	11.95	105	562126	48.99	ug/l	100
86) p-Isopropyltoluene	12.07	119	483218	45.27	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	308795	49.89	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	318287	49.36	ug/l	99
89) n-Butylbenzene	12.40	91	445814	48.26	ug/l	100
90) Hexachloroethane	12.60	117	79786	46.57	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	315091	50.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	42286	49.68	ug/l	98

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

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Sample : J2547-02MS
Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

Quant Time: Apr 30 01:35:48 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	232771	47.47	ug/l	99
94) Hexachlorobutadiene	13.79	225	104375	45.28	ug/l	99
95) Naphthalene	13.84	128	637637	46.67	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	236064	48.37	ug/l	100

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

Data File : VX001225.D

Acq On : 28 Apr 2018 20:13

Operator : JC/MD

Sample : J2547-02MS

Misc : 5.0mL/MSVOA X/WATER

ALS Vial : 20 Sample Multiplier: 1

Instrument :

MSVOA X

ClientSampleId :

WP022MW102-180423MS

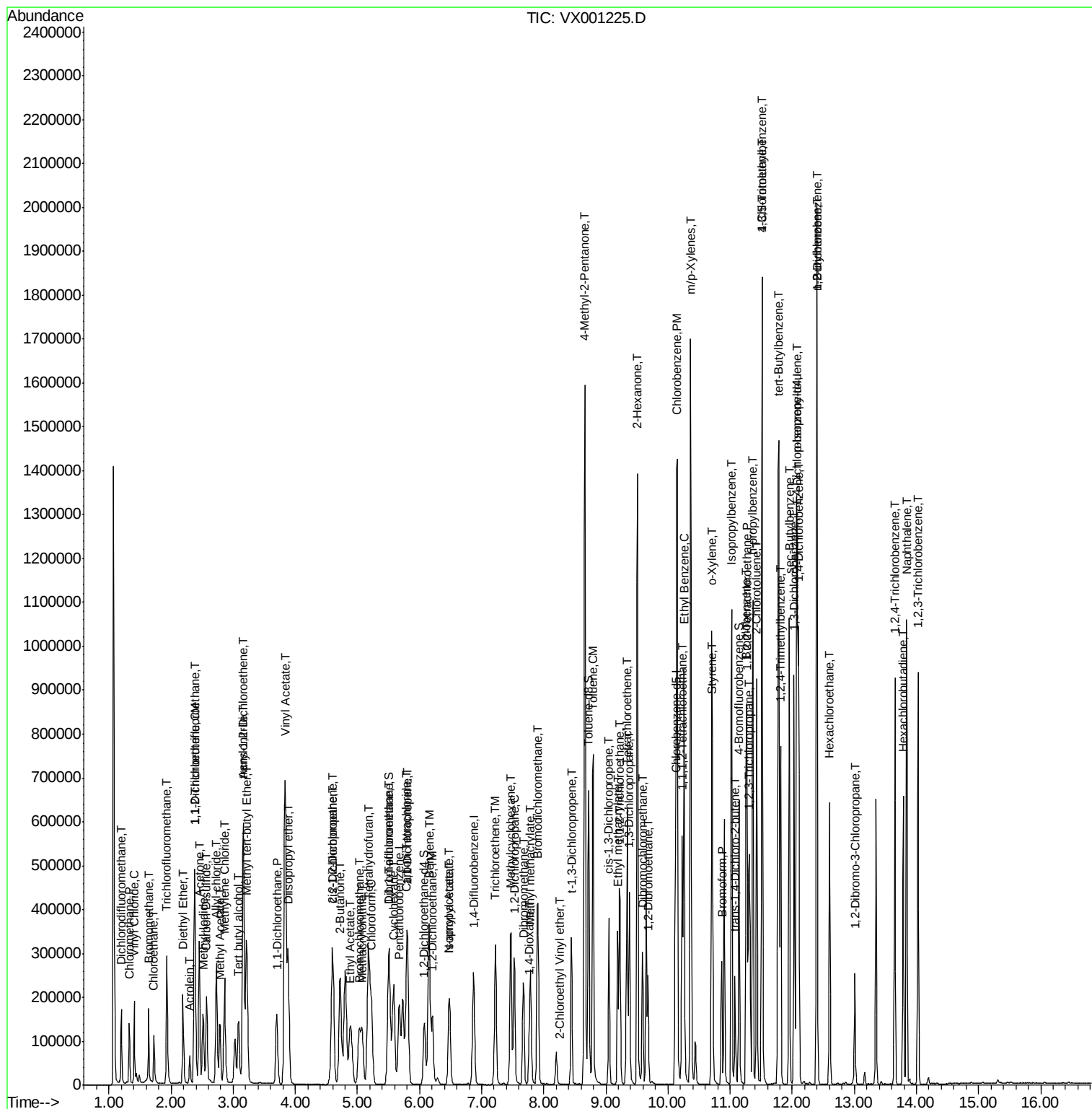
Quant Time: Apr 30 01:35:48 2018

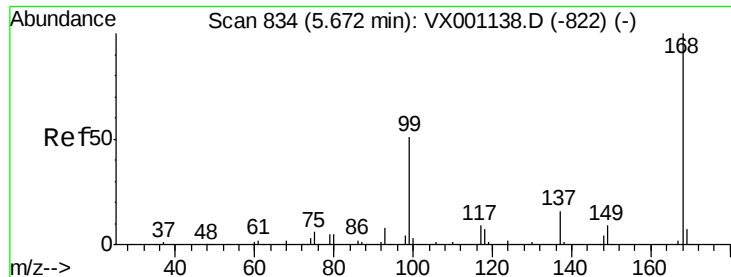
Quant Method : W:\HPCHEM1\MSV0A_X\METHOD\82X042618W.M

Quant Title : SW846 8260

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

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

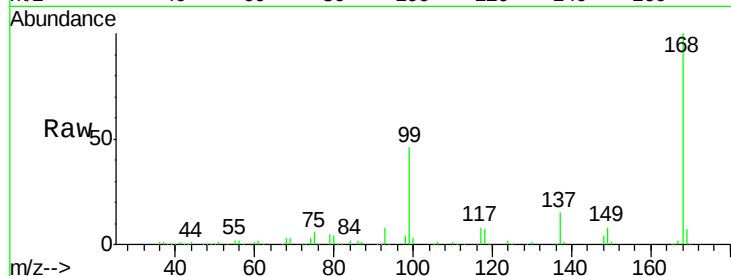
WP022MW102-180423MS

Tgt Ion:168 Resp: 196617

Ion Ratio Lower Upper

168 100

99 45.6 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

60000

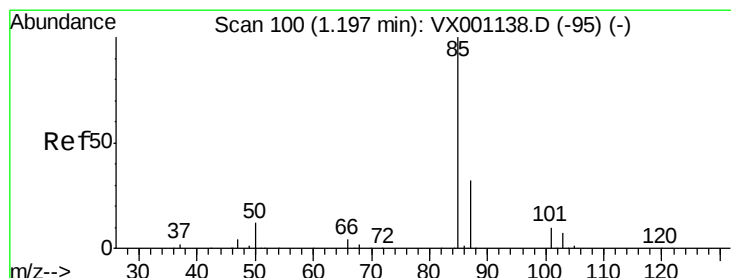
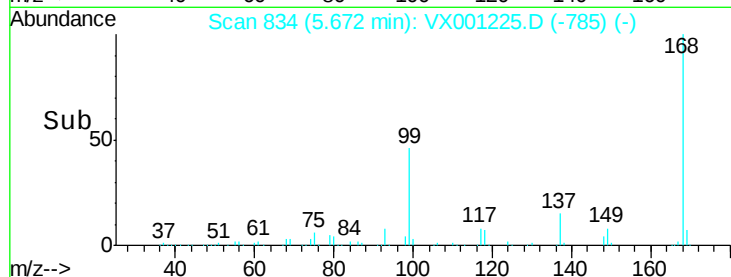
40000

20000

0

5.60 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.81 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001225.D

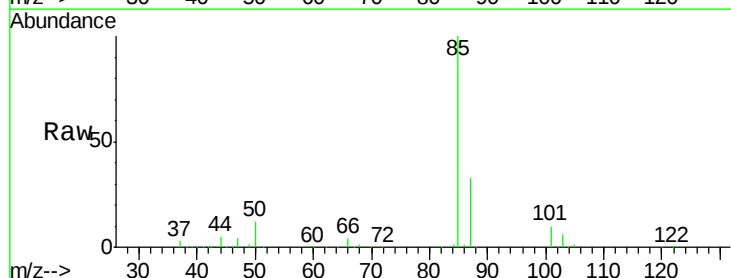
Acq: 28 Apr 2018 20:13

Tgt Ion: 85 Resp: 92389

Ion Ratio Lower Upper

85 100

87 32.5 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

100000

80000

60000

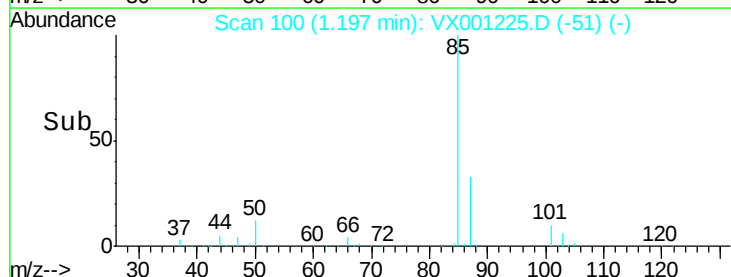
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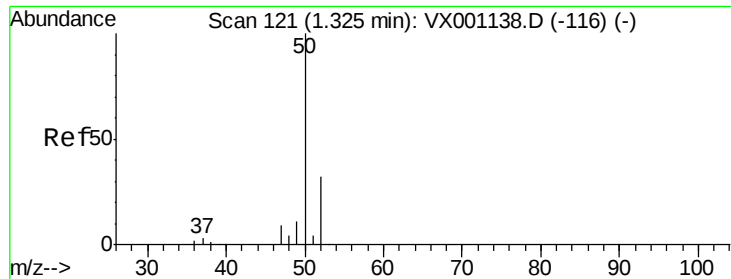
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 39.69 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

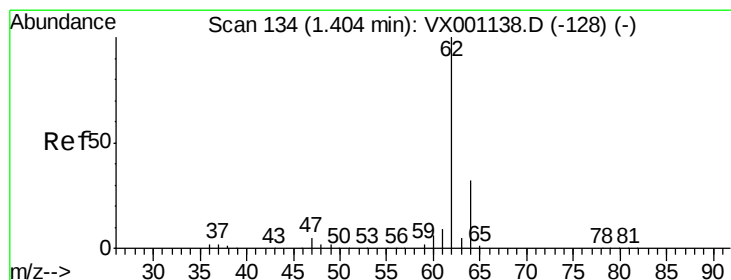
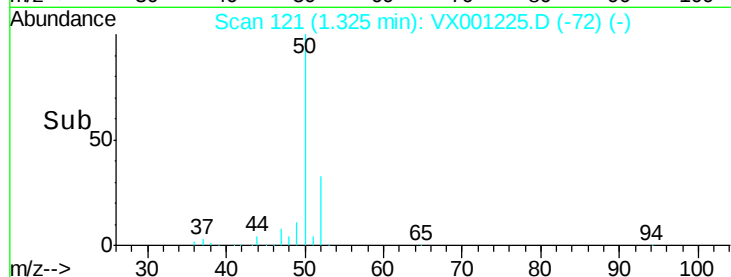
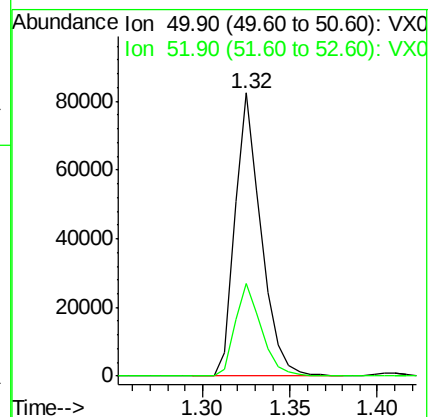
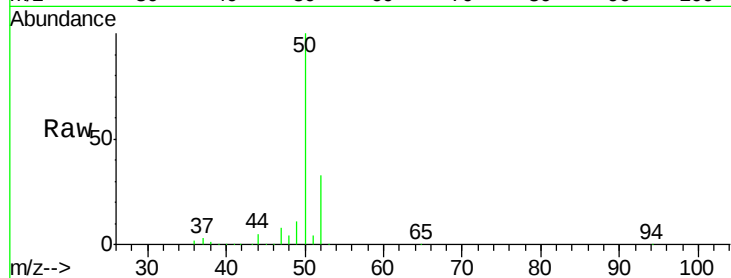
WP022MW102-180423MS

Tgt Ion: 50 Resp: 85719

Ion Ratio Lower Upper

50 100

52 32.5 25.9 38.9



#4

Vinyl Chloride

Concen: 50.17 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001225.D

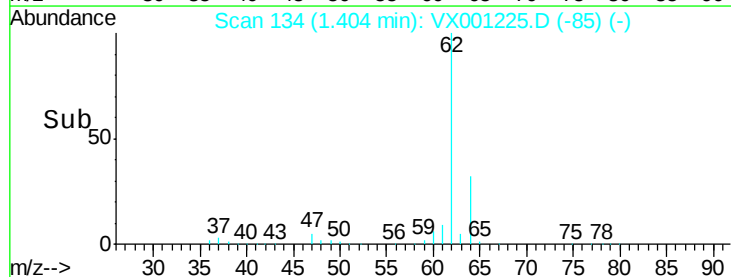
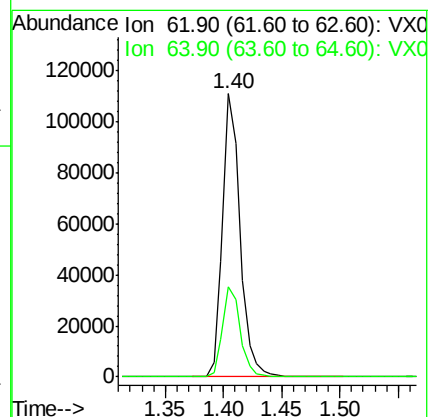
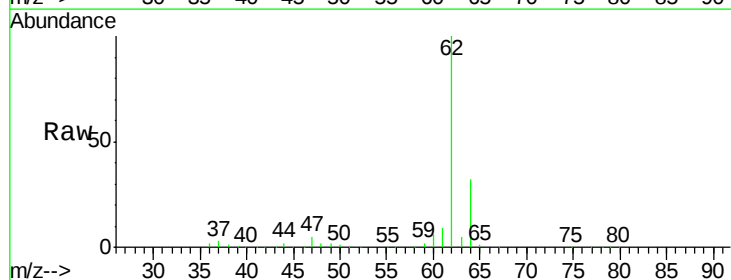
Acq: 28 Apr 2018 20:13

Tgt Ion: 62 Resp: 114946

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 44.57 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

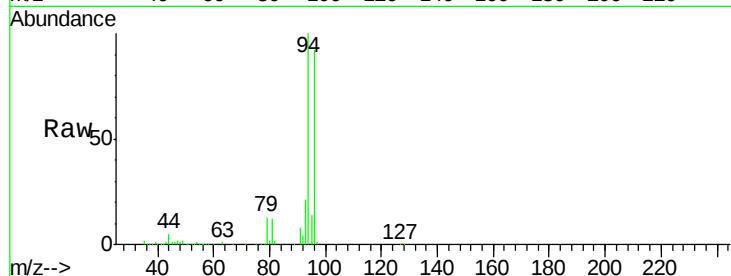
WP022MW102-180423MS

Tgt Ion: 94 Resp: 62802

Ion Ratio Lower Upper

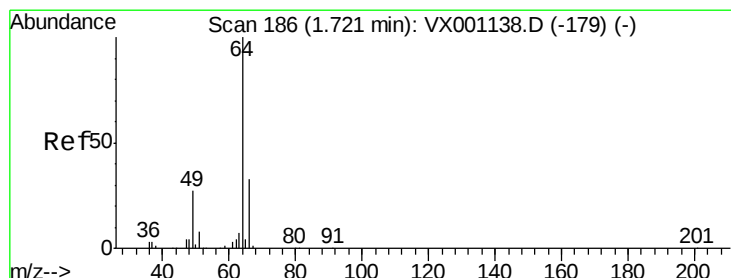
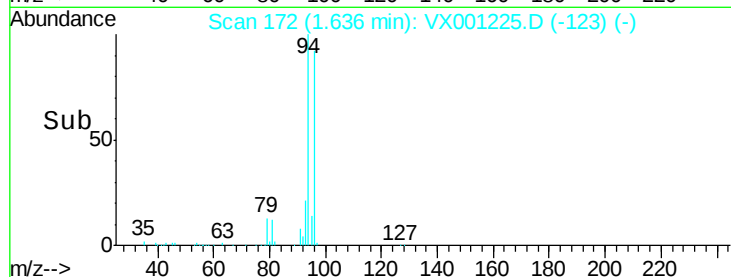
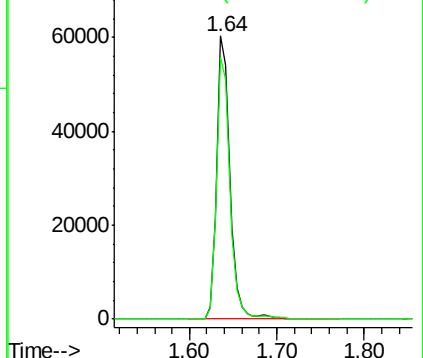
94 100

96 92.5 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.97 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX001225.D

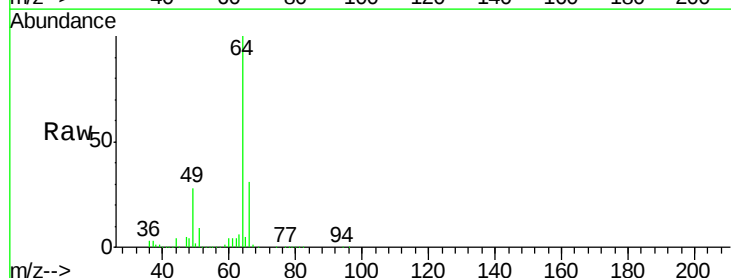
Acq: 28 Apr 2018 20:13

Tgt Ion: 64 Resp: 69182

Ion Ratio Lower Upper

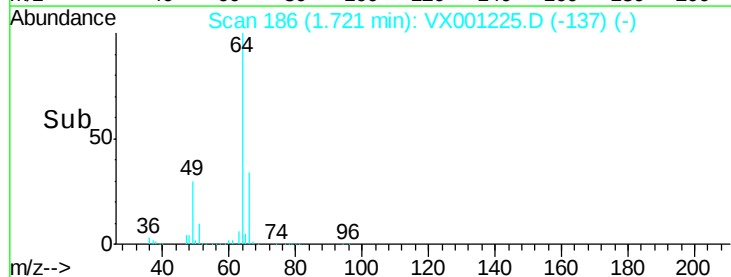
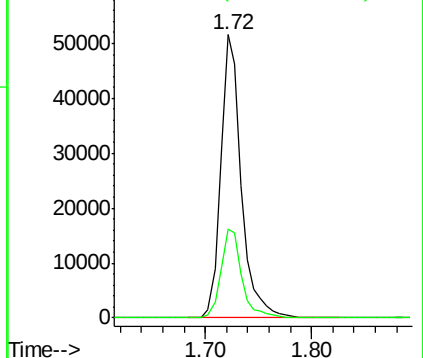
64 100

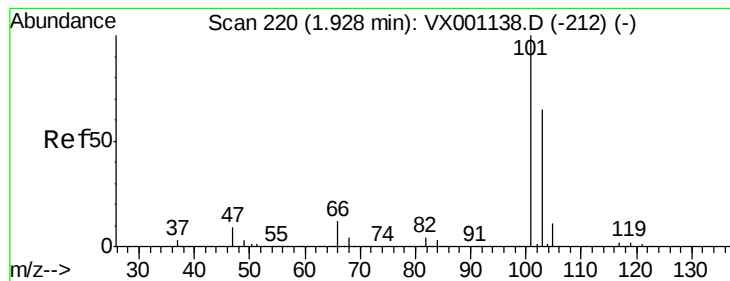
66 31.5 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 50.27 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX001225.D

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ClientSampleId :

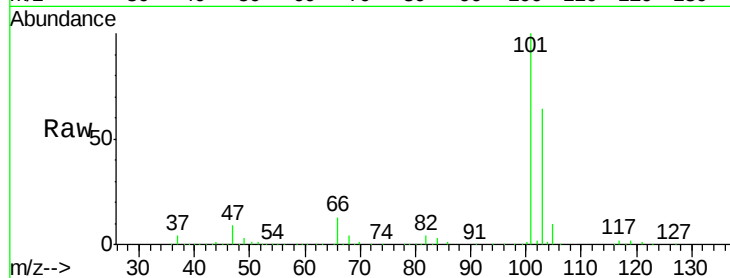
WP022MW102-180423MS

Tgt Ion:101 Resp: 186000

Ion Ratio Lower Upper

101 100

103 63.6 51.9 77.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

150000

100000

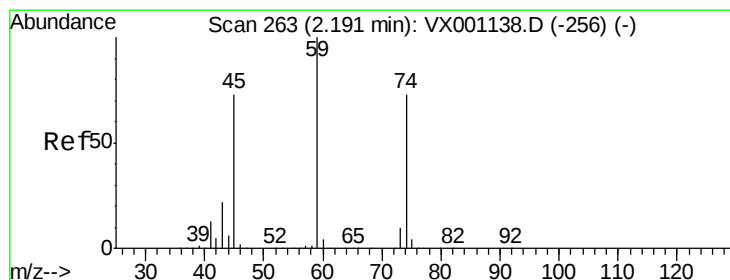
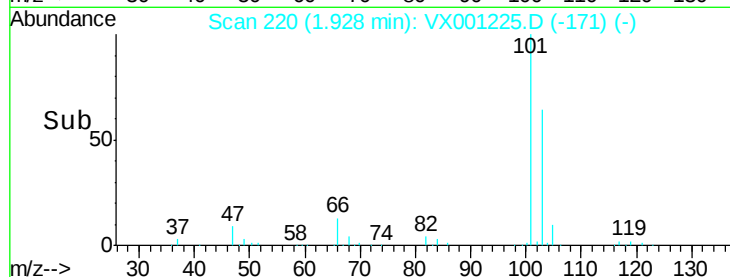
50000

0

1.93

1.90 2.00 2.10

Time-->



#8

Diethyl Ether

Concen: 47.59 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX001225.D

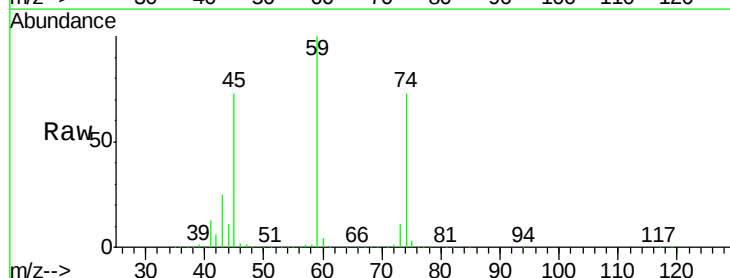
Acq: 28 Apr 2018 20:13

Tgt Ion: 74 Resp: 67700

Ion Ratio Lower Upper

74 100

45 97.3 49.5 148.7



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

50000

40000

30000

20000

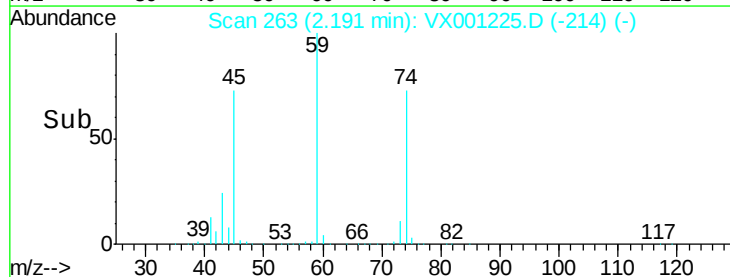
10000

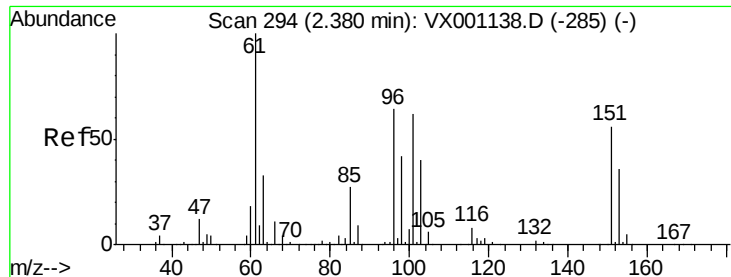
0

2.19

2.10 2.20 2.30

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.23 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-180423MS

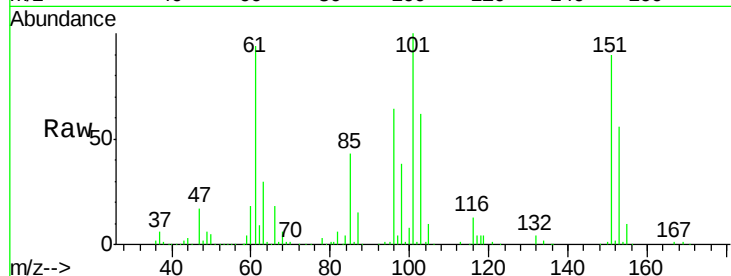
Tgt Ion:101 Resp: 102405

Ion Ratio Lower Upper

101 100

85 44.2 35.4 53.0

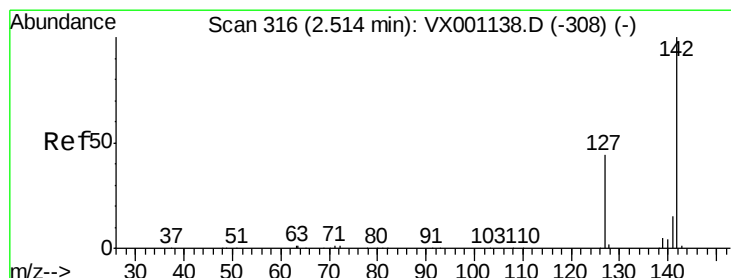
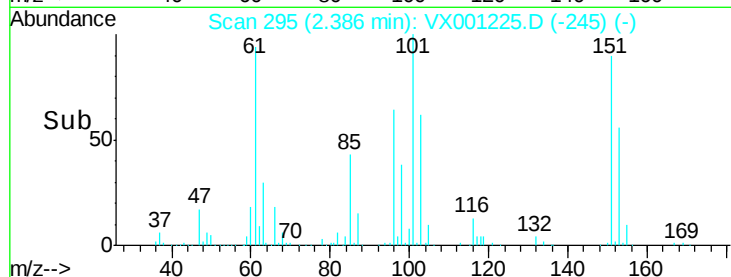
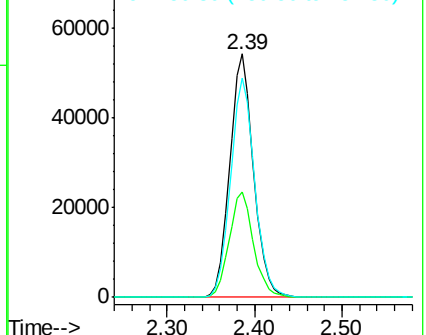
151 91.6 74.2 111.4



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: 77.19 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

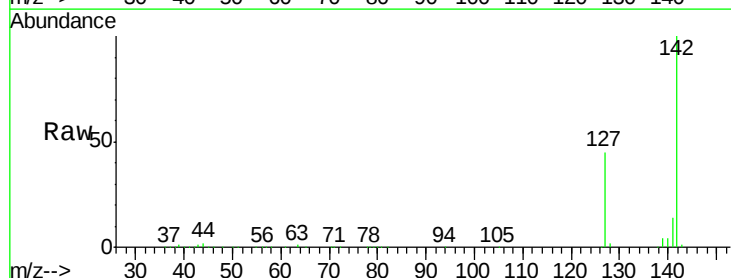
Tgt Ion:142 Resp: 173364

Ion Ratio Lower Upper

142 100

127 43.8 34.7 52.1

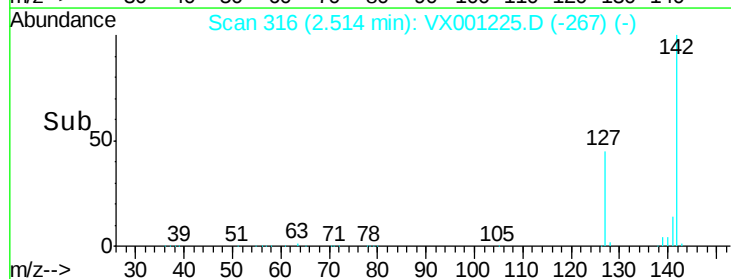
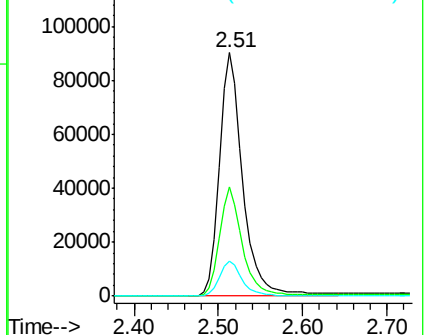
141 14.2 11.6 17.4

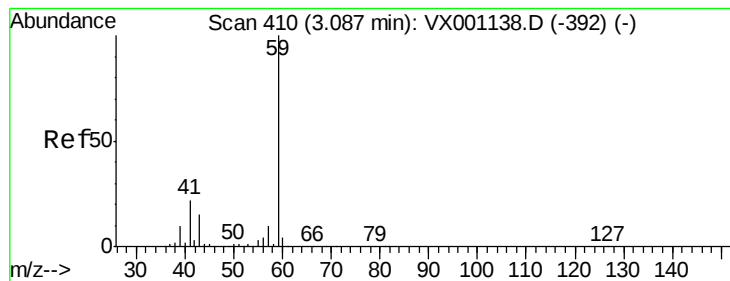


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



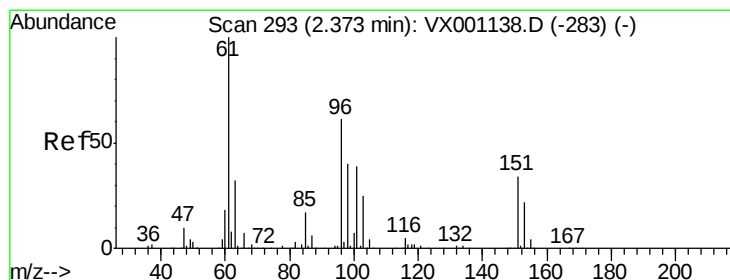
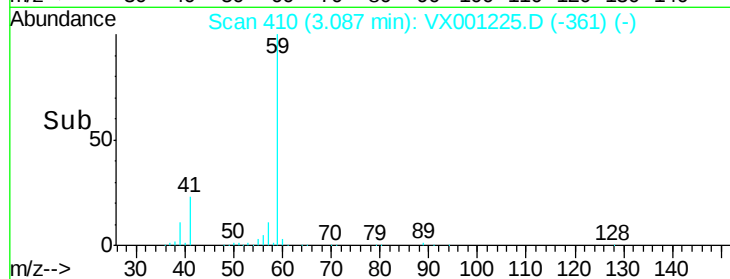
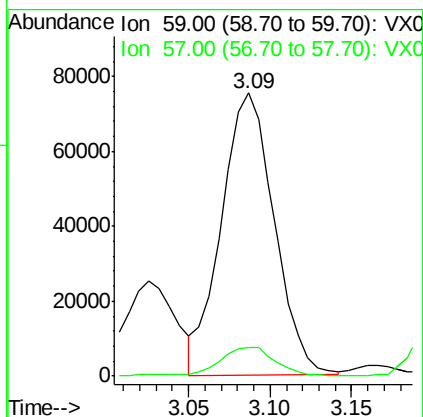
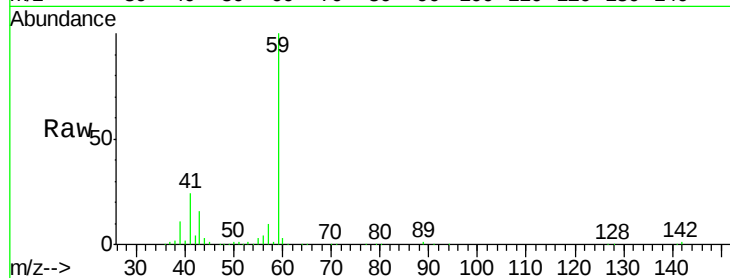


#11

Tert butyl alcohol
 Concen: 281.88 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: VX001225.D
 Acq: 28 Apr 2018 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW102-180423MS

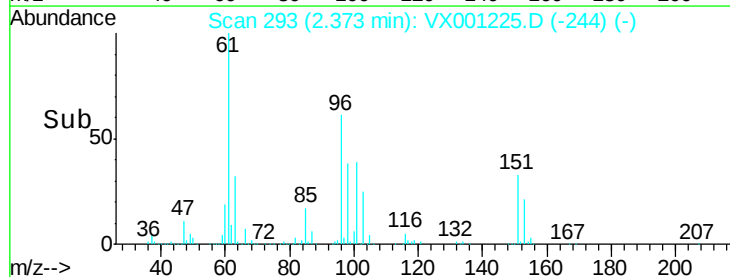
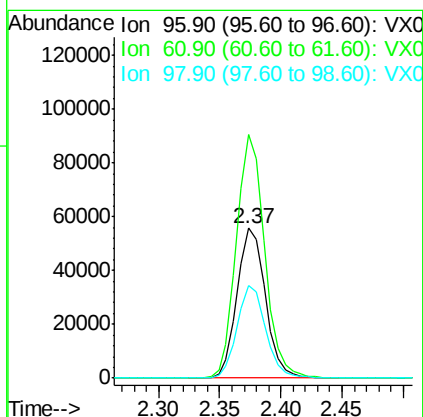
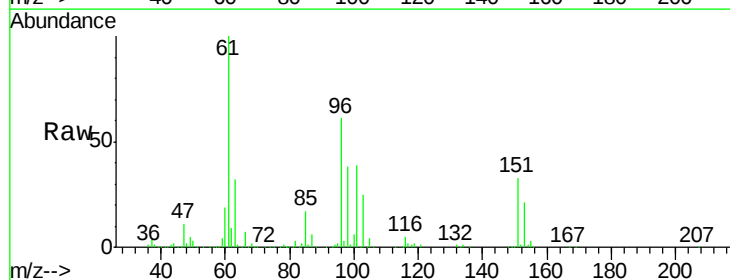
Tgt Ion: 59 Resp: 169415
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.4

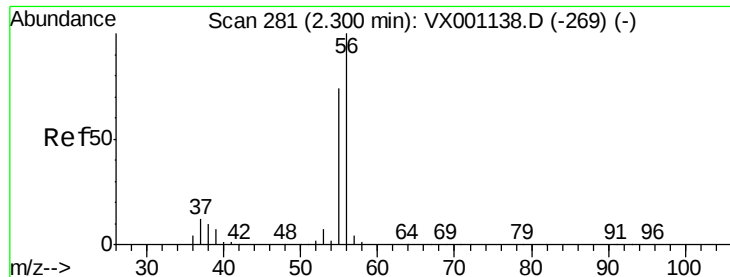


#12

1,1-Dichloroethene
 Concen: 45.18 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX001225.D
 Acq: 28 Apr 2018 20:13

Tgt Ion: 96 Resp: 89832
 Ion Ratio Lower Upper
 96 100
 61 162.8 130.2 195.4
 98 62.1 51.5 77.3





#13

Acrolein

Concen: 193.70 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

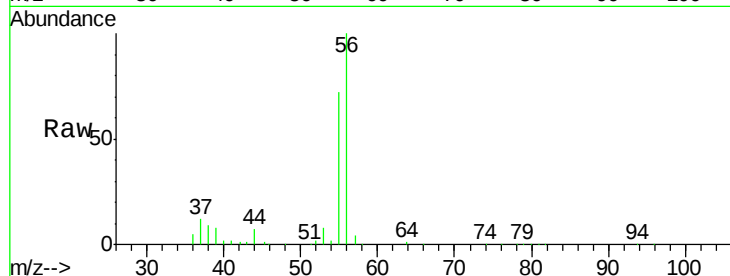
WP022MW102-180423MS

Tgt Ion: 56 Resp: 44010

Ion Ratio Lower Upper

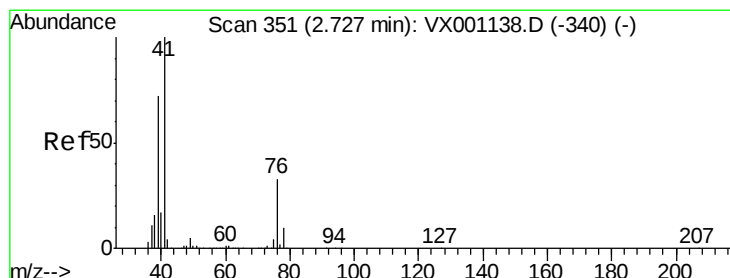
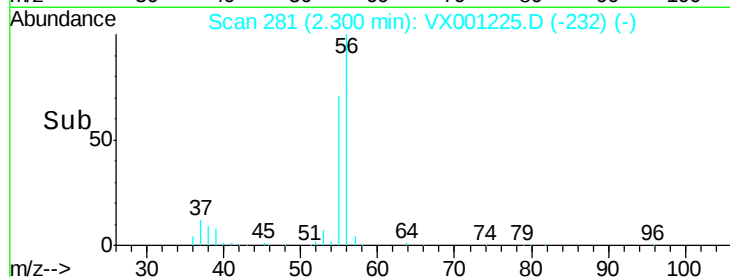
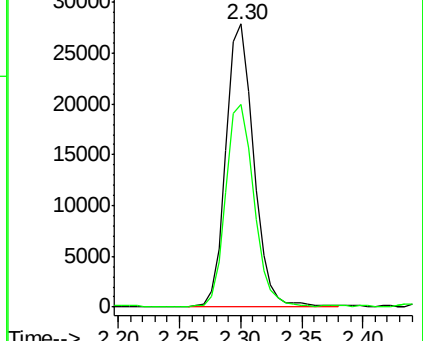
56 100

55 73.1 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 50.04 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

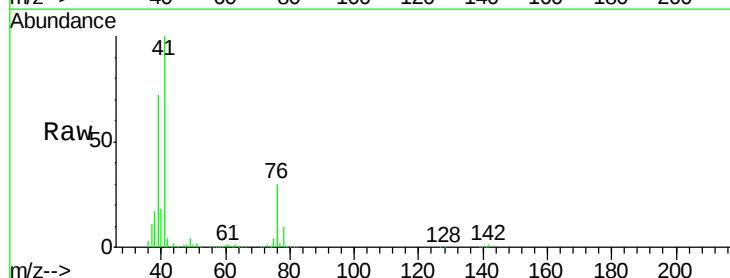
Tgt Ion: 41 Resp: 181497

Ion Ratio Lower Upper

41 100

39 70.0 55.6 83.4

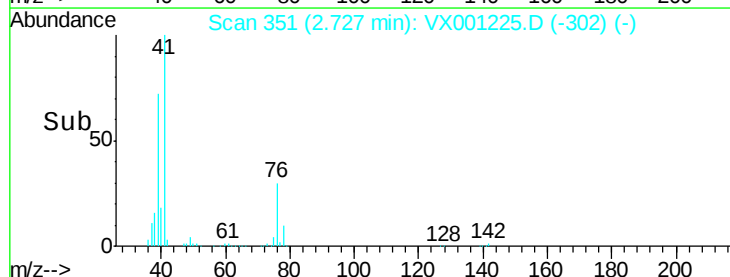
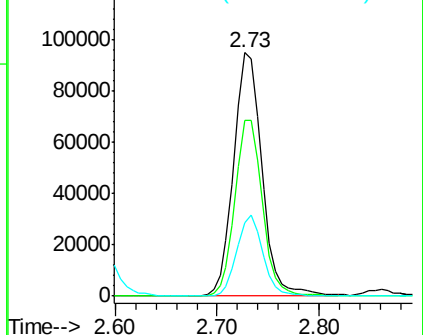
76 30.4 24.8 37.2

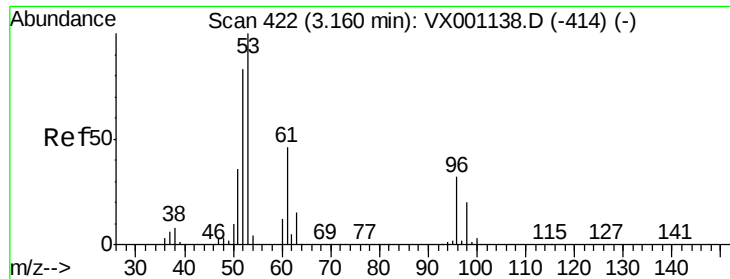


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 235.24 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-180423MS

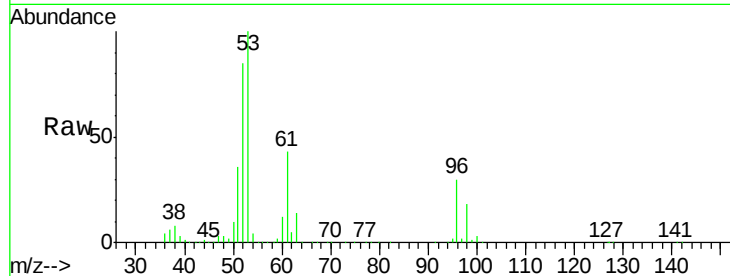
Tgt Ion: 53 Resp: 301924

Ion Ratio Lower Upper

53 100

52 84.2 66.5 99.7

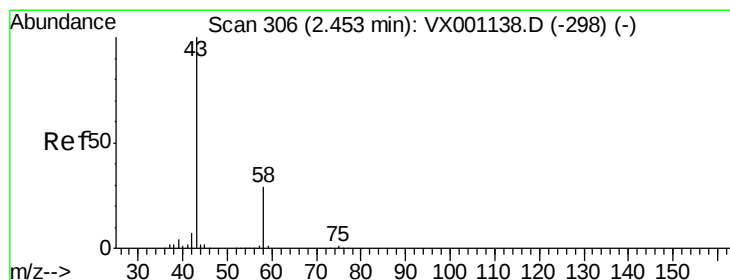
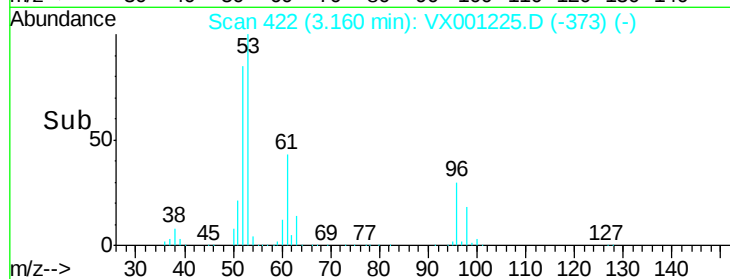
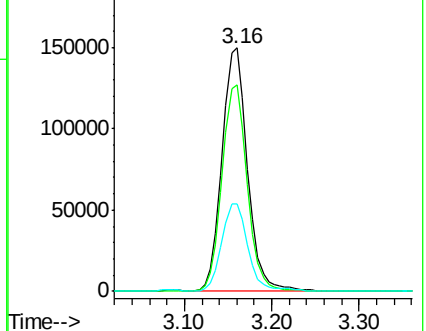
51 37.5 29.5 44.3



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: 267.03 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001225.D

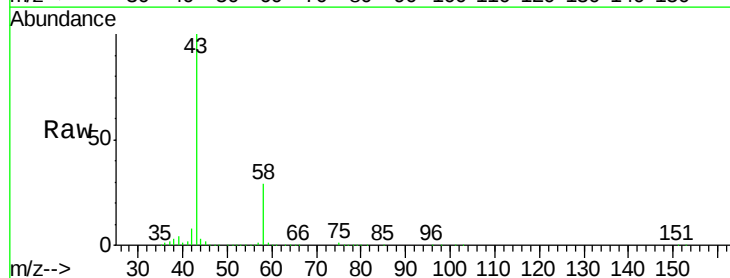
Acq: 28 Apr 2018 20:13

Tgt Ion: 43 Resp: 334675

Ion Ratio Lower Upper

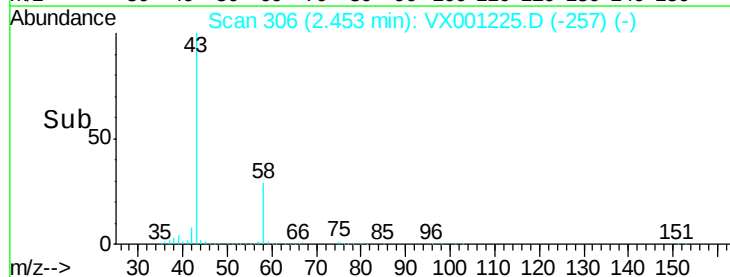
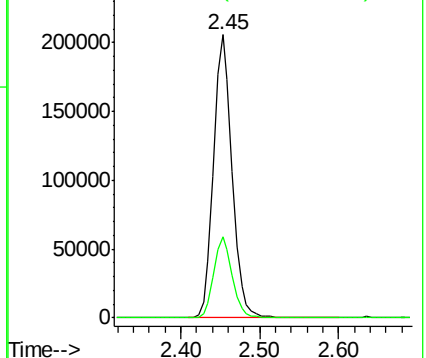
43 100

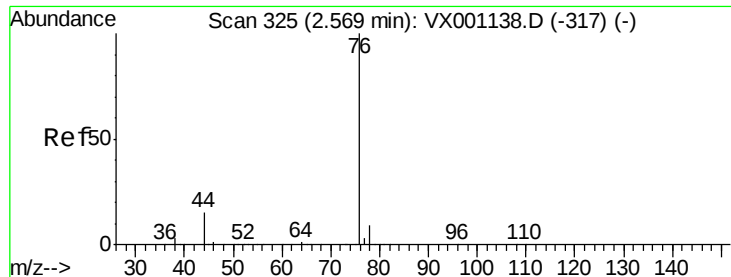
58 28.6 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

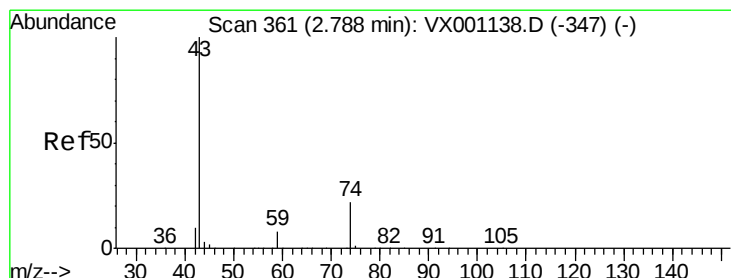
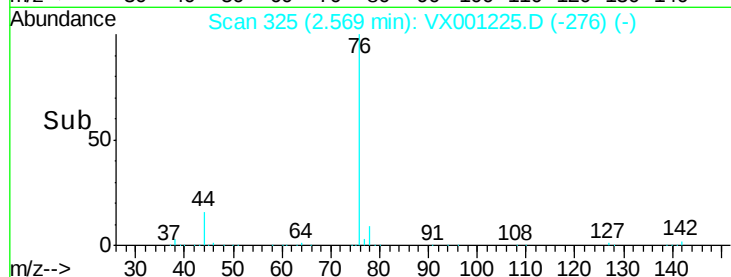
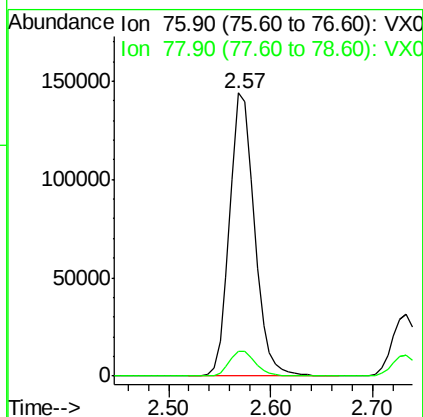
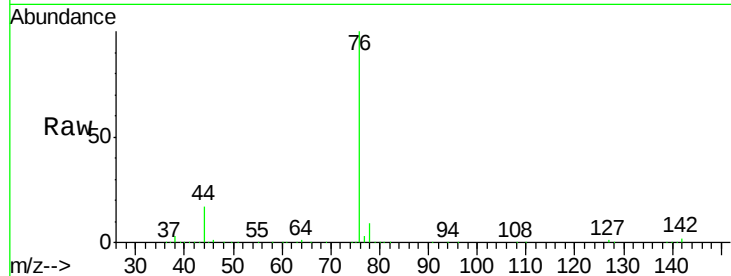




#17
Carbon Disulfide
Concen: 48.01 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

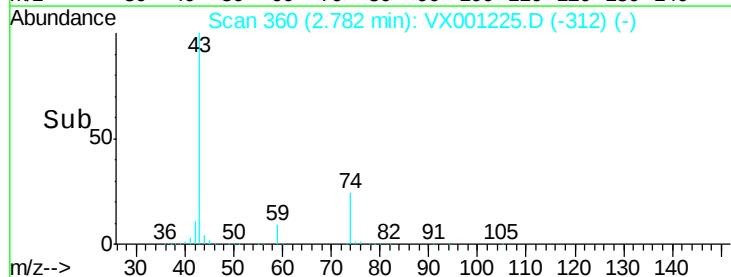
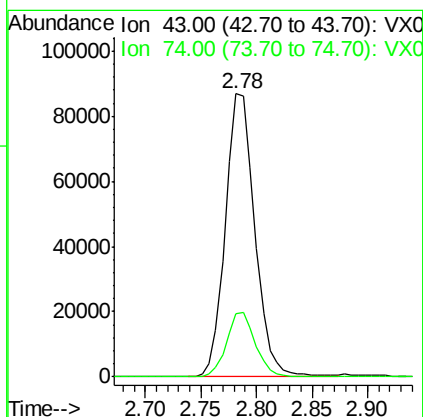
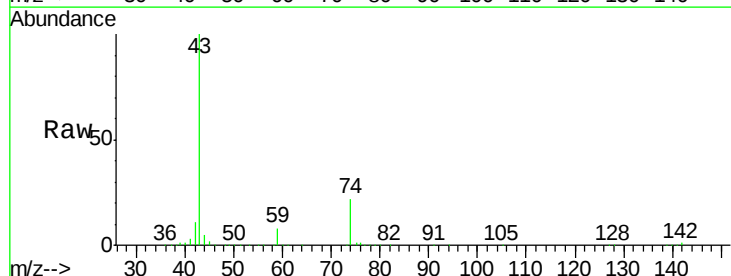
Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

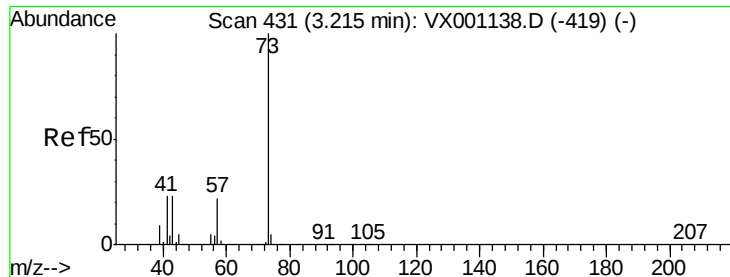
Tgt Ion: 76 Resp: 243563
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 50.50 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Tgt Ion: 43 Resp: 158391
Ion Ratio Lower Upper
43 100
74 22.9 18.1 27.1

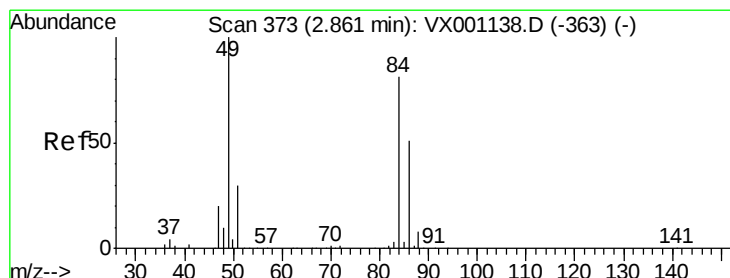
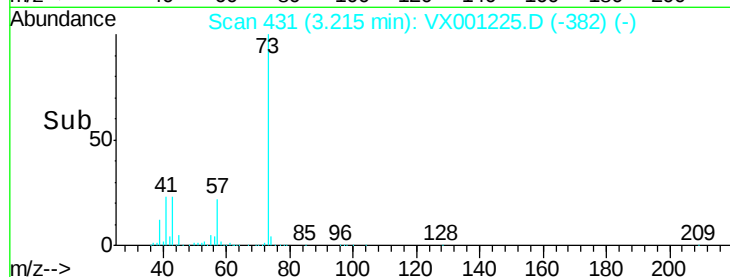
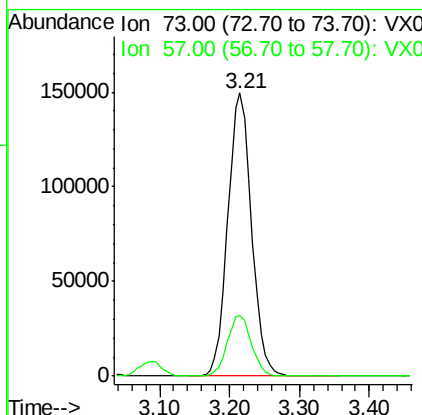
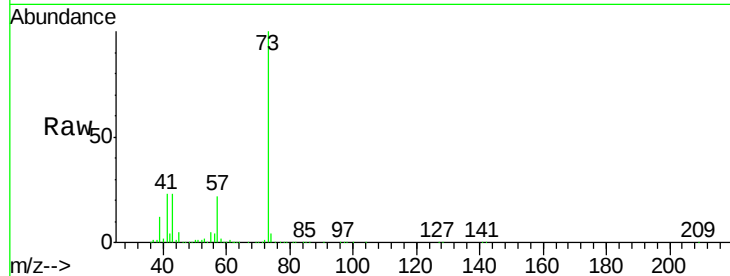




#19
Methyl tert-butyl Ether
Concen: 47.97 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

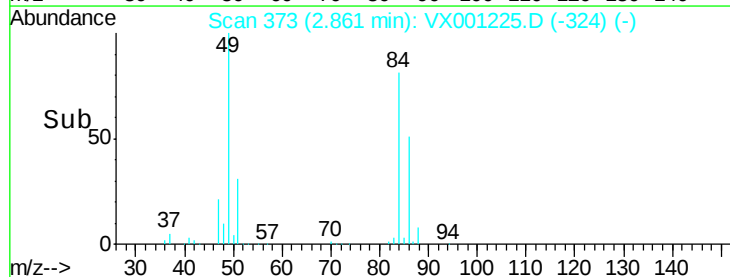
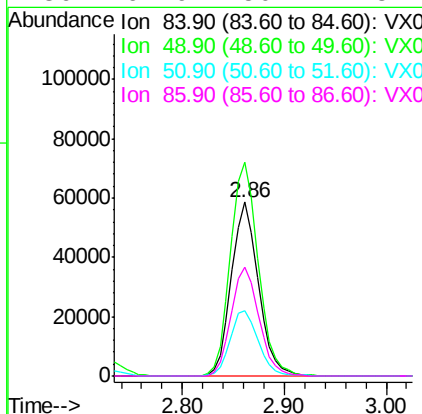
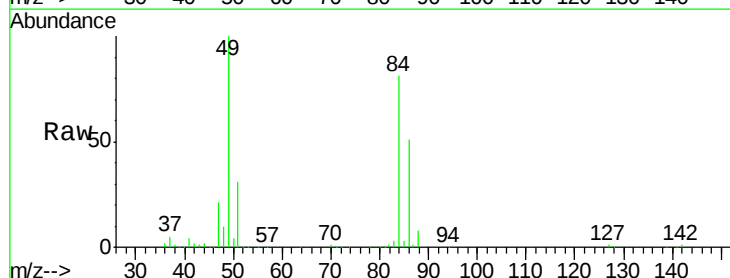
Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

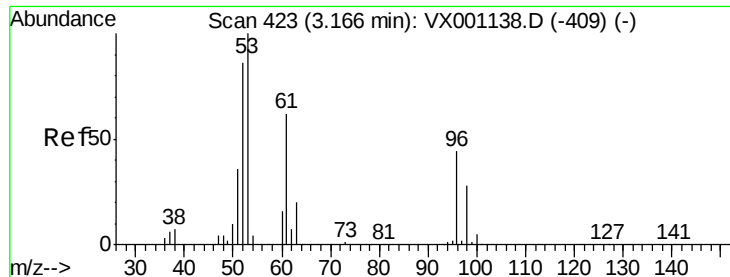
Tgt Ion: 73 Resp: 351117
Ion Ratio Lower Upper
73 100
57 21.6 17.7 26.5



#20
Methylene Chloride
Concen: 46.12 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Tgt Ion: 84 Resp: 107657
Ion Ratio Lower Upper
84 100
49 122.9 99.2 148.8
51 37.6 29.5 44.3
86 62.9 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 45.48 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-180423MS

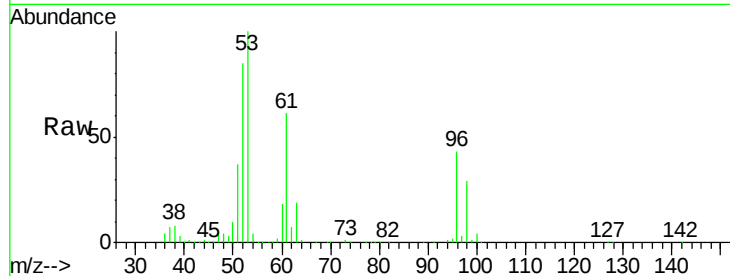
Tgt Ion: 96 Resp: 99950

Ion Ratio Lower Upper

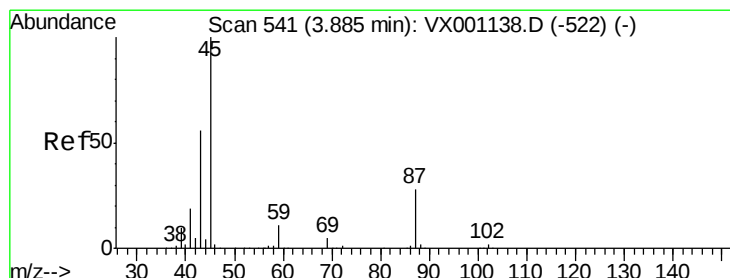
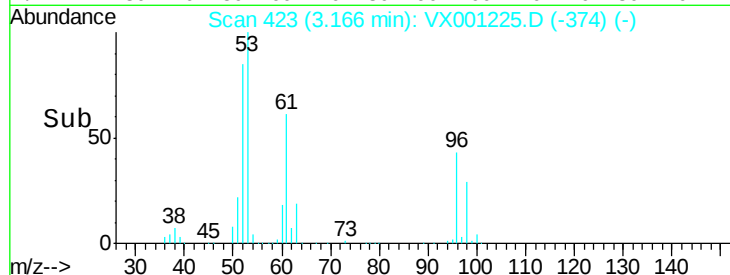
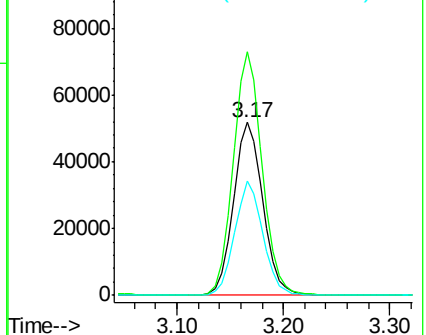
96 100

61 140.6 111.9 167.9

98 66.2 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: 45.67 ug/l

RT: 3.89 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Tgt Ion: 45 Resp: 331439

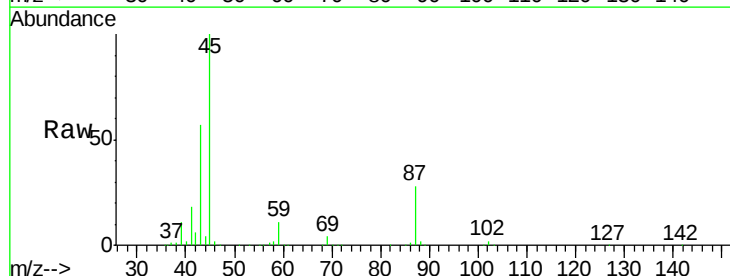
Ion Ratio Lower Upper

45 100

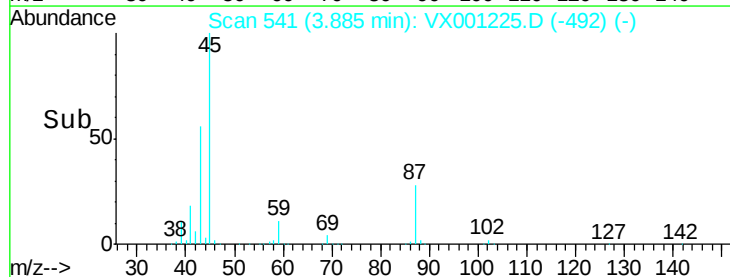
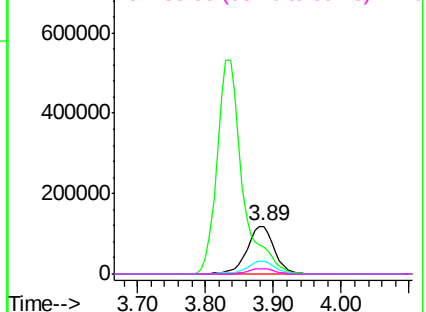
43 56.3 45.0 67.4

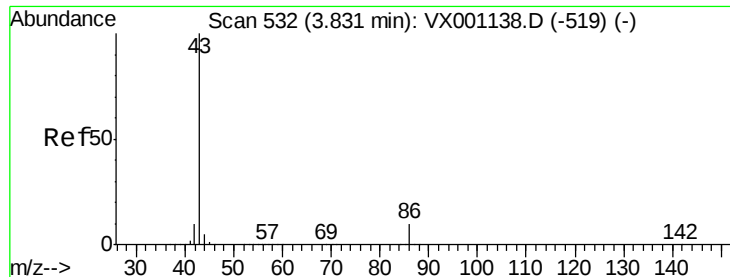
87 27.7 22.8 34.2

59 11.3 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: 224.49 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

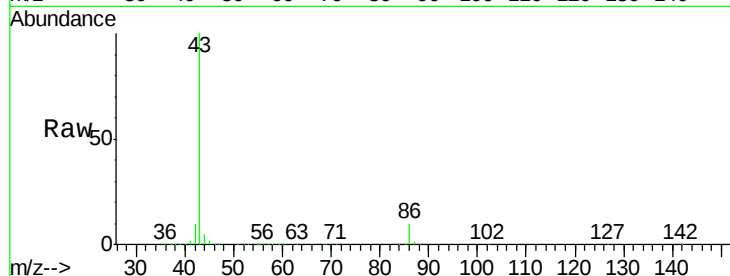
WP022MW102-180423MS

Tgt Ion: 43 Resp: 1382091

Ion Ratio Lower Upper

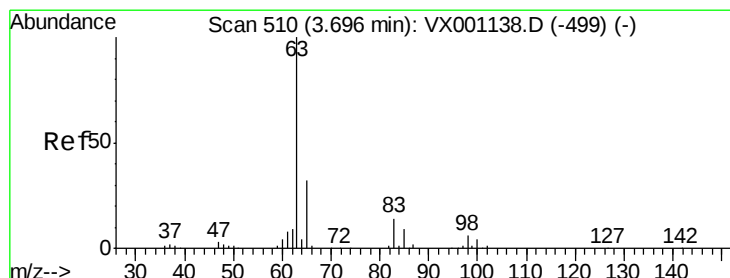
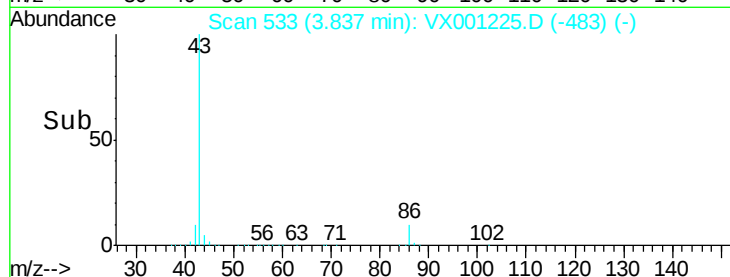
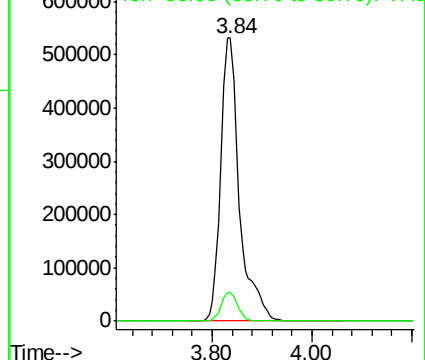
43 100

86 10.2 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.46 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

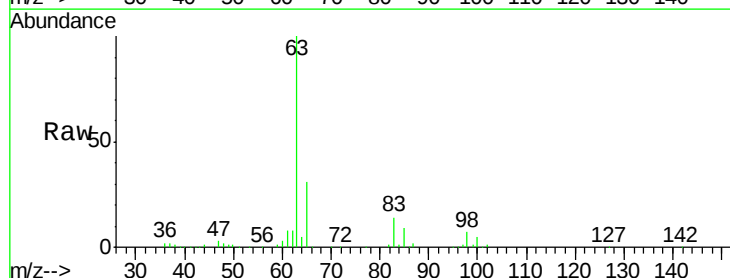
Tgt Ion: 63 Resp: 181019

Ion Ratio Lower Upper

63 100

98 7.1 3.1 9.4

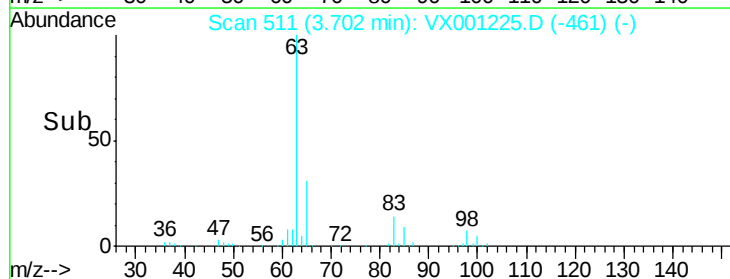
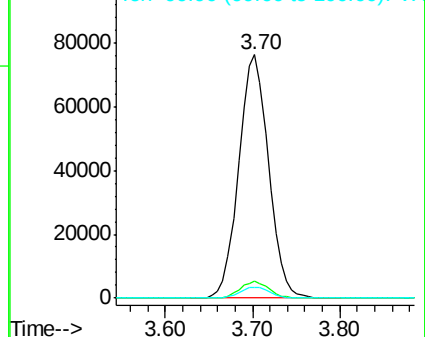
100 4.6 2.1 6.5

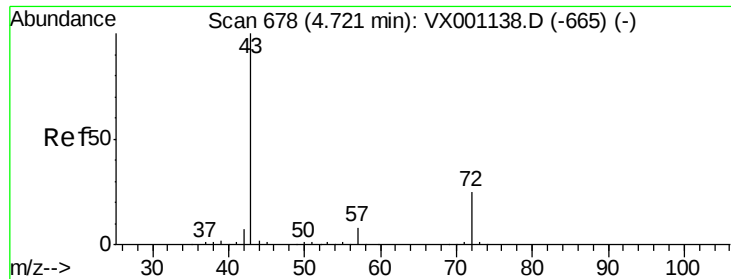


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 234.67 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

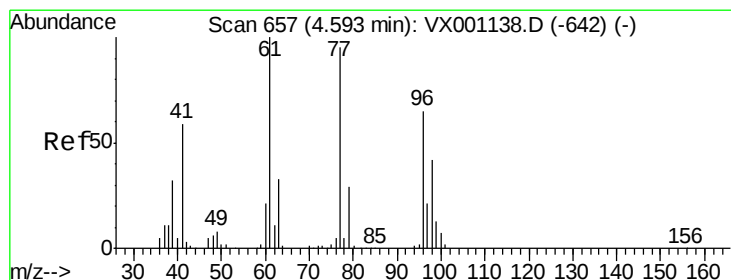
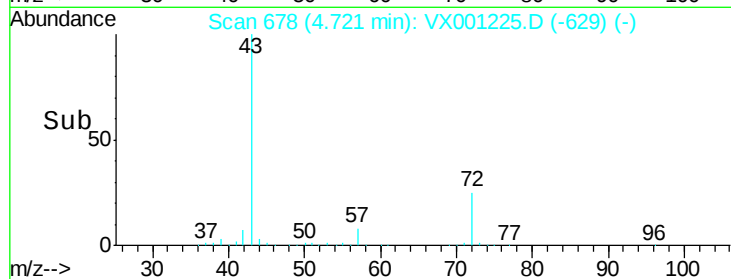
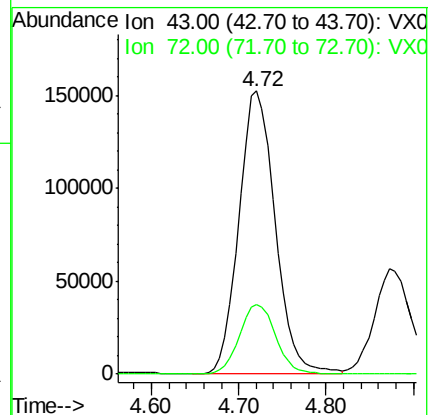
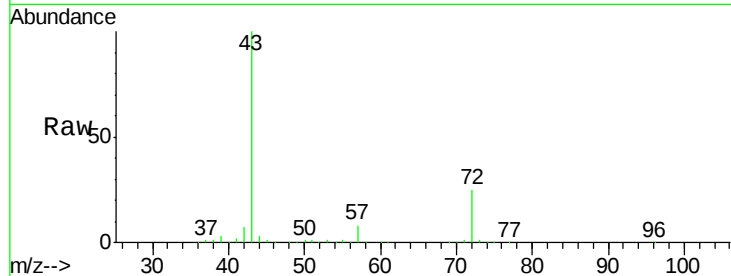
WP022MW102-180423MS

Tgt Ion: 43 Resp: 440082

Ion Ratio Lower Upper

43 100

72 24.7 20.0 30.0



#26

2,2-Dichloropropane

Concen: 41.19 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001225.D

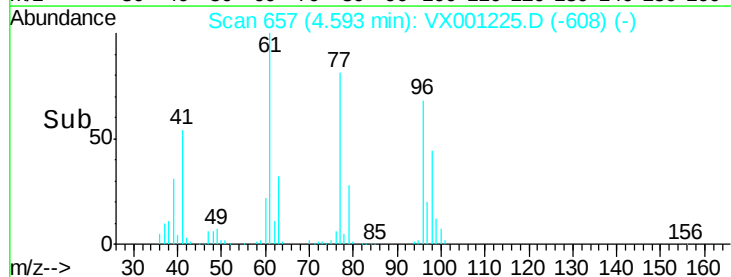
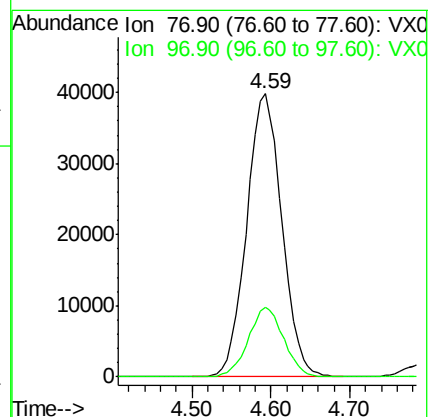
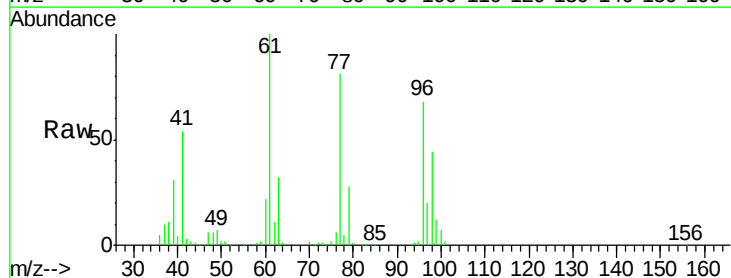
Acq: 28 Apr 2018 20:13

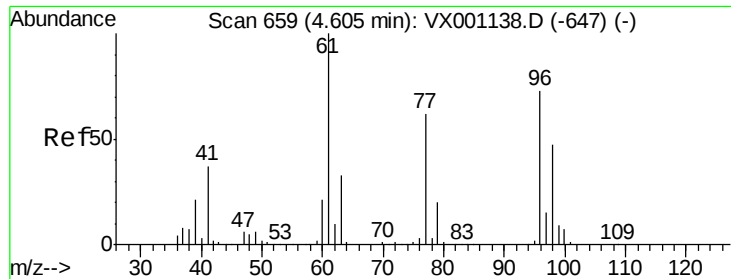
Tgt Ion: 77 Resp: 123657

Ion Ratio Lower Upper

77 100

97 24.7 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 50.82 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-180423MS

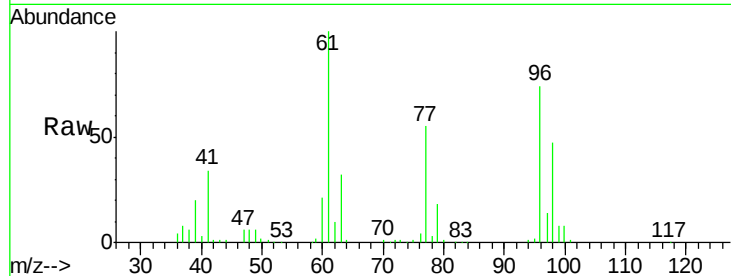
Tgt Ion: 96 Resp: 122305

Ion Ratio Lower Upper

96 100

61 141.3 0.0 289.0

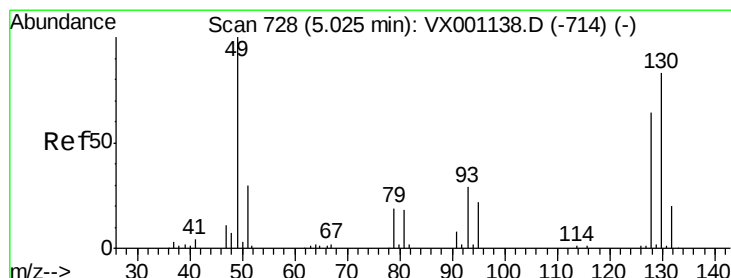
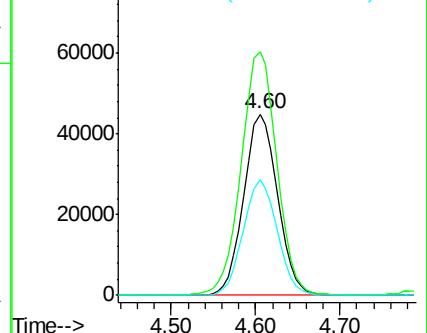
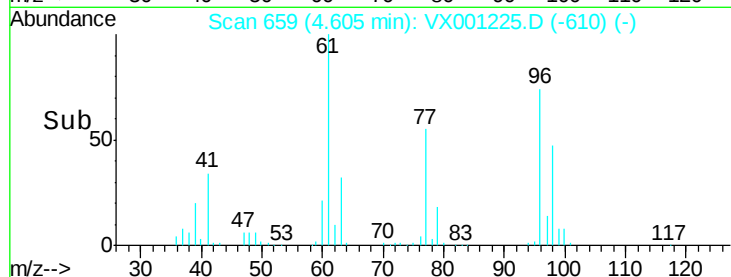
98 64.0 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 46.13 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

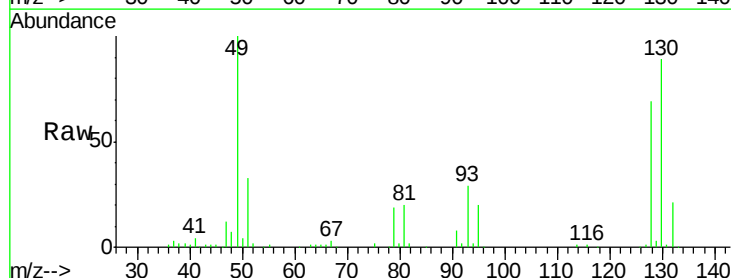
Tgt Ion: 49 Resp: 78899

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

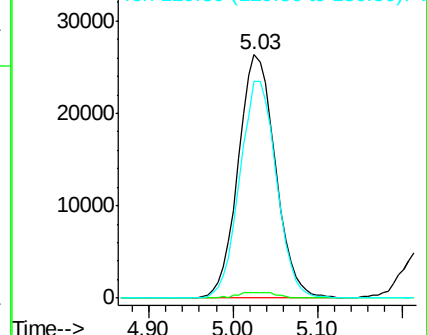
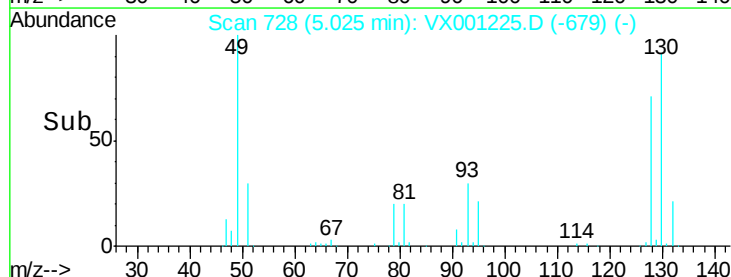
130 87.8 68.2 102.2

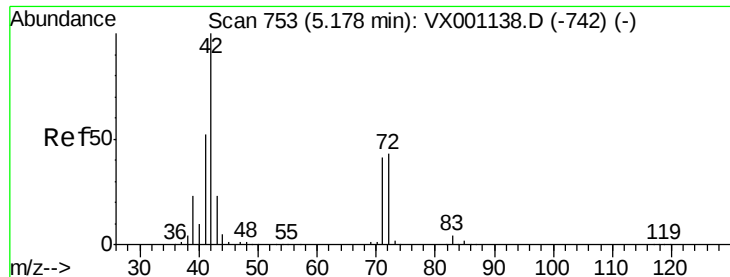


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

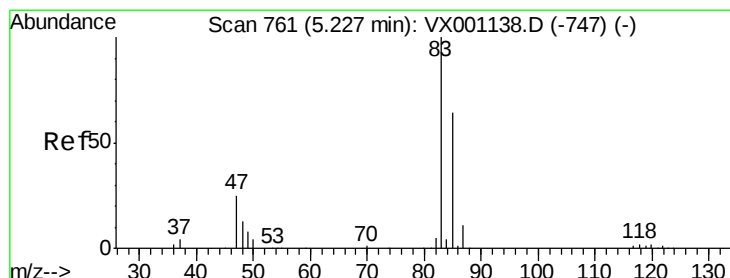
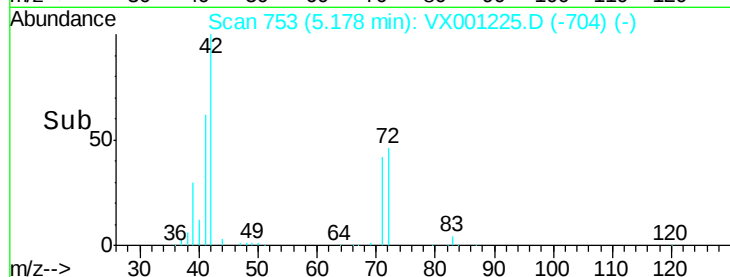
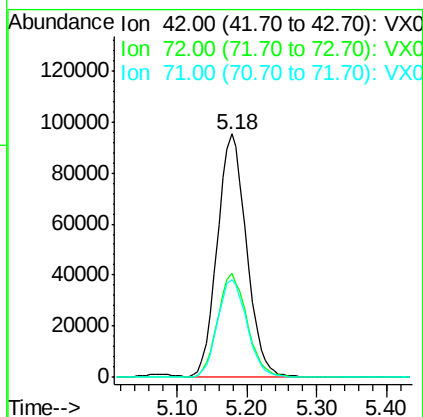
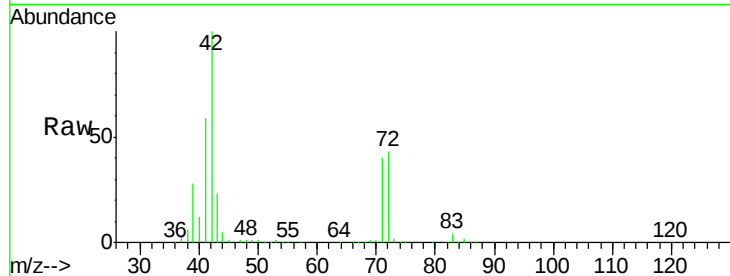




#29
Tetrahydrofuran
Concen: 228.39 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

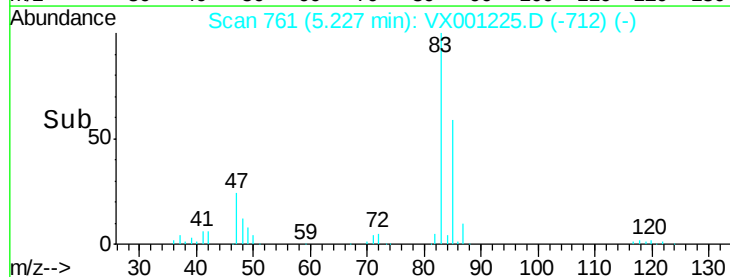
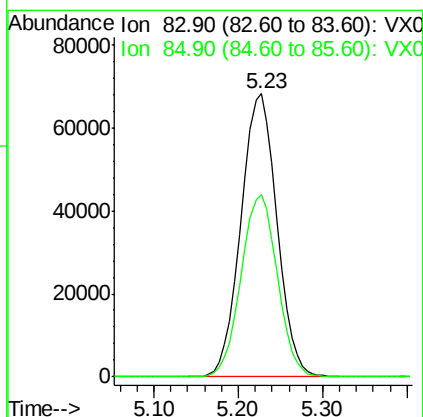
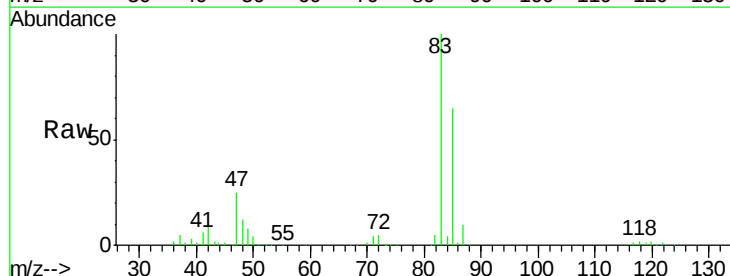
Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

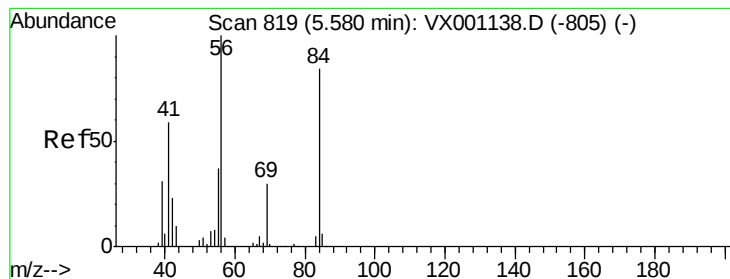
Tgt Ion: 42 Resp: 275386
Ion Ratio Lower Upper
42 100
72 43.2 34.4 51.6
71 40.7 32.1 48.1



#30
Chloroform
Concen: 48.76 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Tgt Ion: 83 Resp: 197771
Ion Ratio Lower Upper
83 100
85 64.6 51.4 77.0





#31

Cyclohexane

Concen: 46.96 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-180423MS

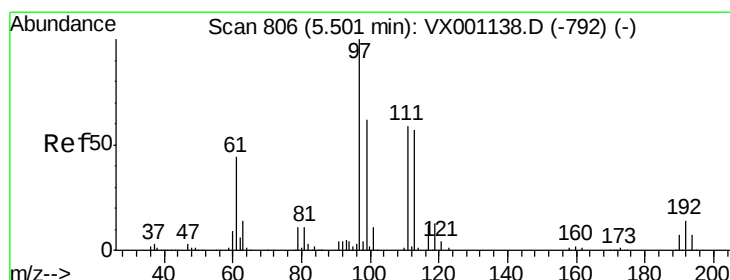
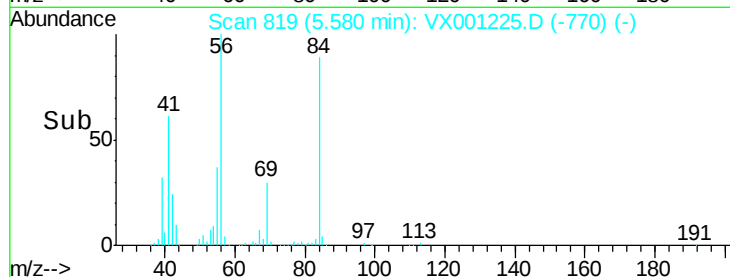
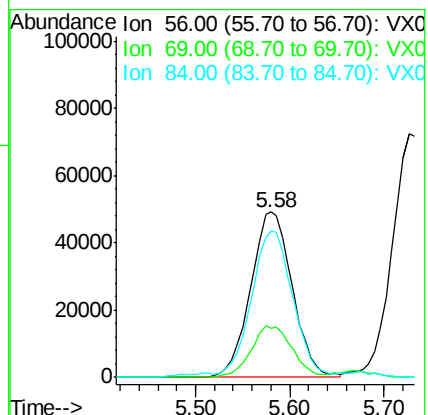
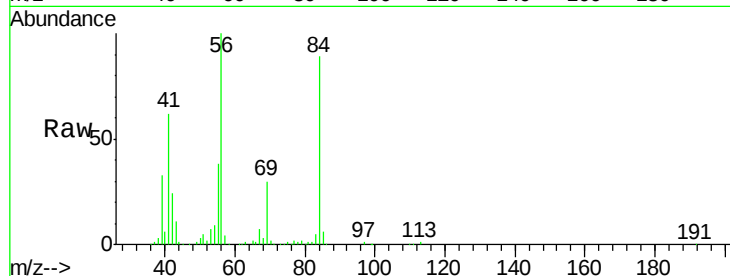
Tgt Ion: 56 Resp: 152175

Ion Ratio Lower Upper

56 100

69 29.5 24.2 36.2

84 86.9 67.5 101.3



#32

1,1,1-Trichloroethane

Concen: 49.31 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

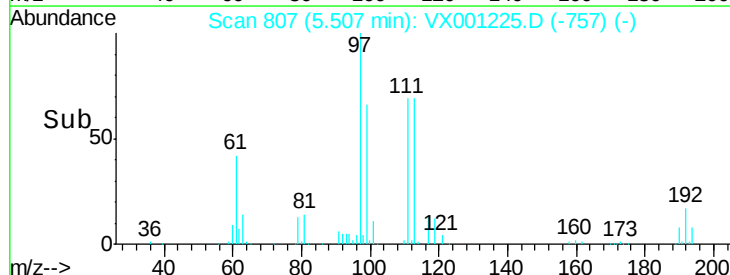
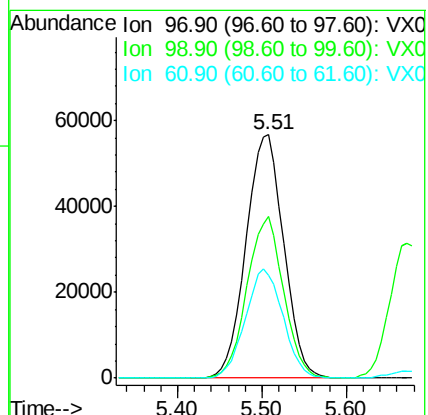
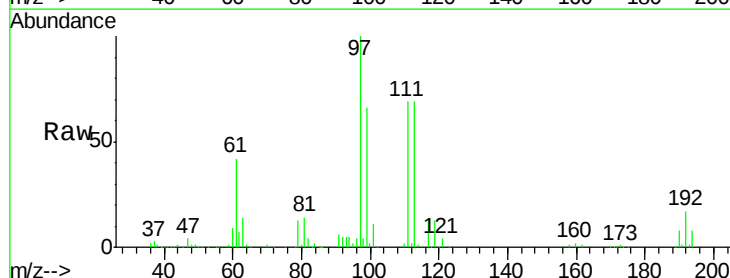
Tgt Ion: 97 Resp: 172645

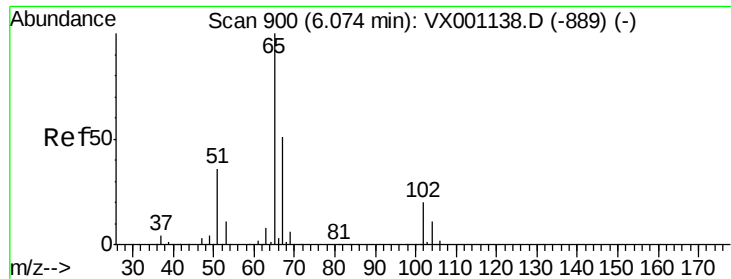
Ion Ratio Lower Upper

97 100

99 64.3 50.9 76.3

61 44.8 35.0 52.6

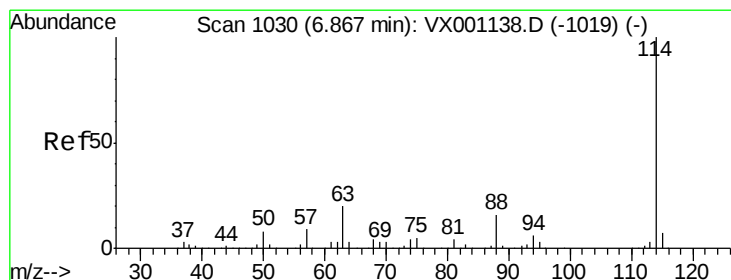
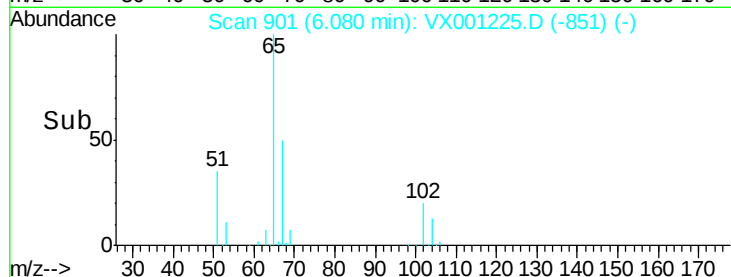
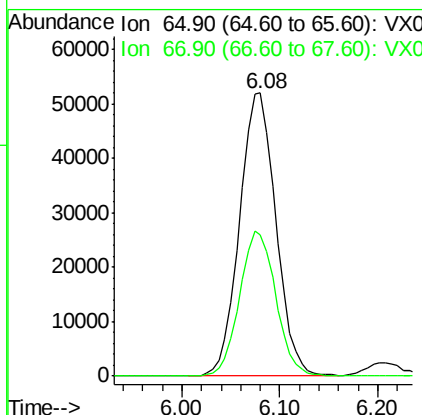
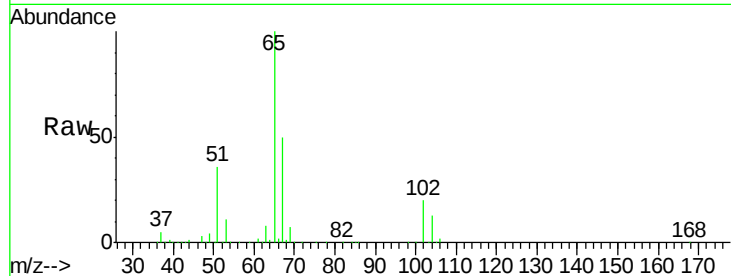




#33
 1,2-Dichloroethane-d4
 Concen: 44.18 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001225.D
 Acq: 28 Apr 2018 20:13

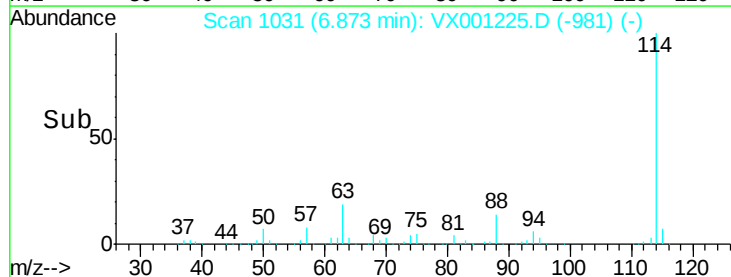
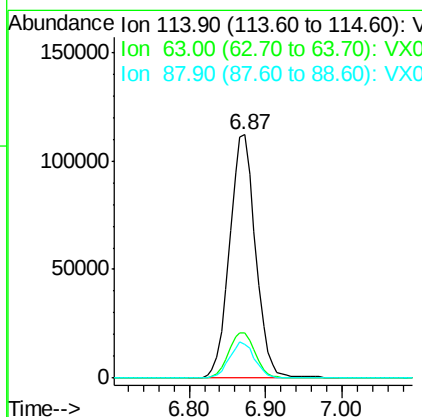
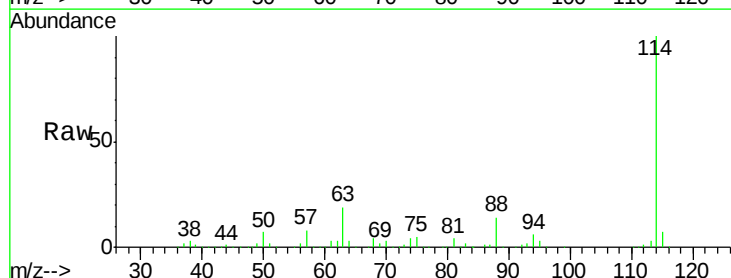
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW102-180423MS

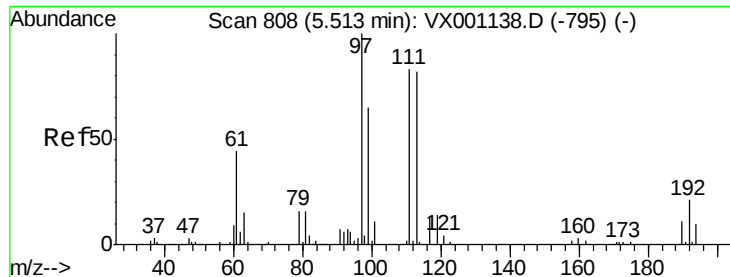
Tgt Ion: 65 Resp: 134657
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001225.D
 Acq: 28 Apr 2018 20:13

Tgt Ion: 114 Resp: 263612
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 40.4
 88 14.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.98 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-180423MS

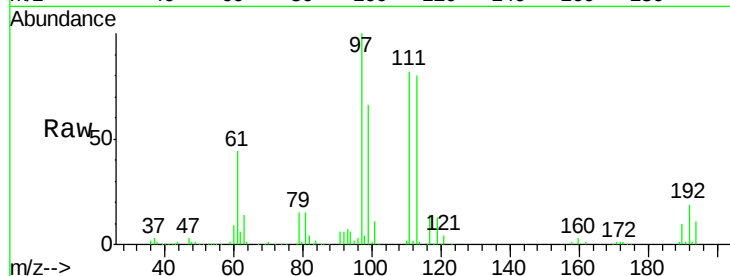
Tgt Ion:113 Resp: 111229

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

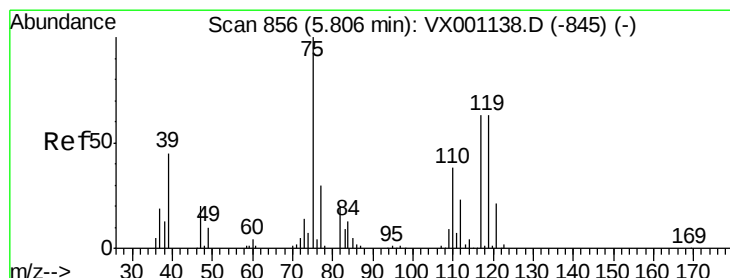
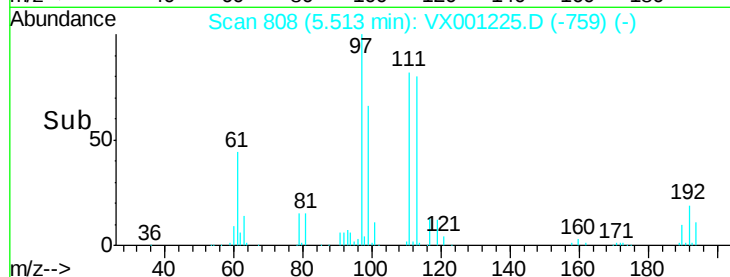
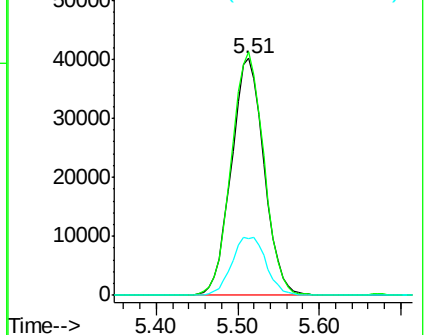
192 25.8 20.6 30.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.91 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

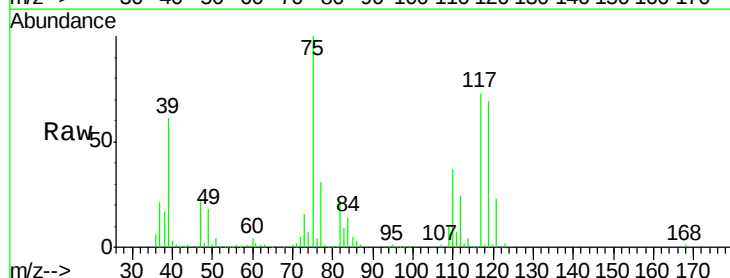
Tgt Ion: 75 Resp: 139180

Ion Ratio Lower Upper

75 100

110 37.7 19.0 57.0

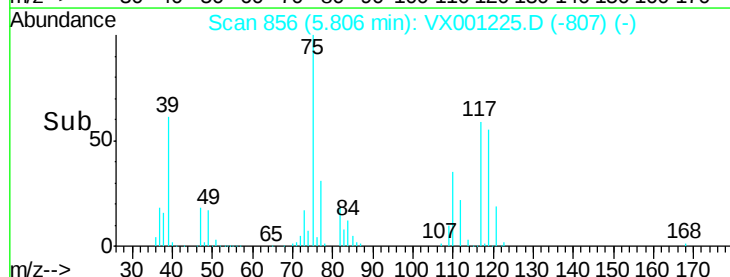
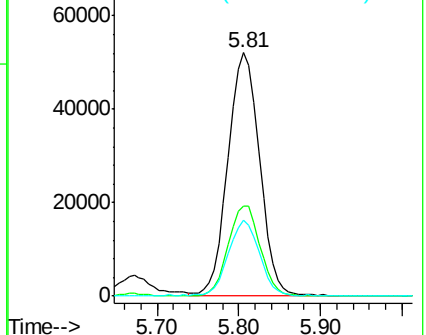
77 30.5 24.8 37.2

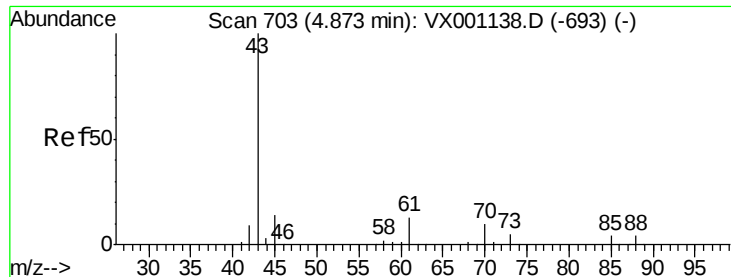


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 47.38 ug/l

RT: 4.87 min Scan# 703

Delta R.T. -0.00 min

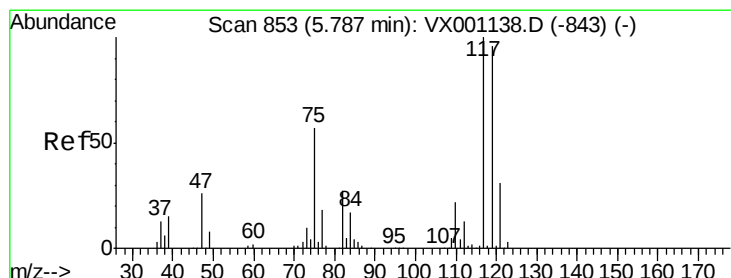
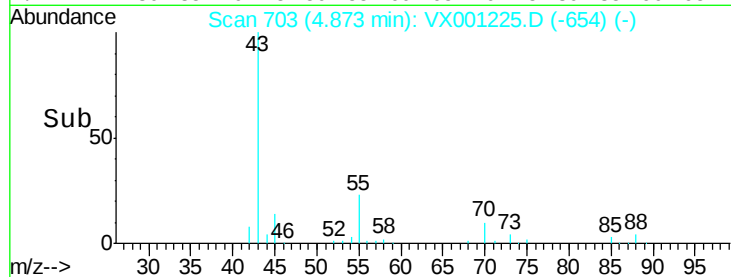
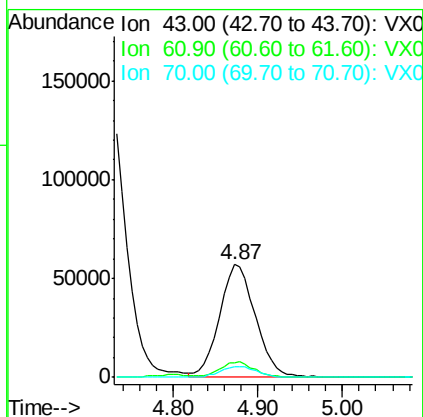
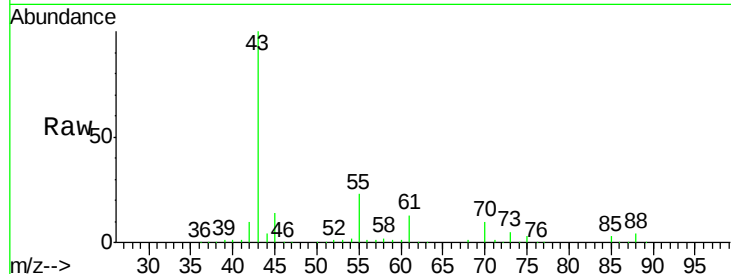
Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

Tgt Ion: 43 Resp: 164810

Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.0	16.6
70	9.7	8.2	12.2



#38

Carbon Tetrachloride

Concen: 52.01 ug/l

RT: 5.79 min Scan# 853

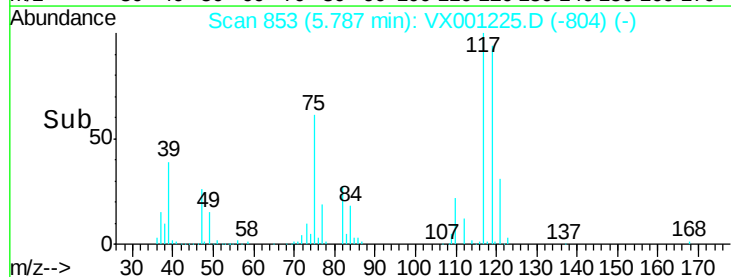
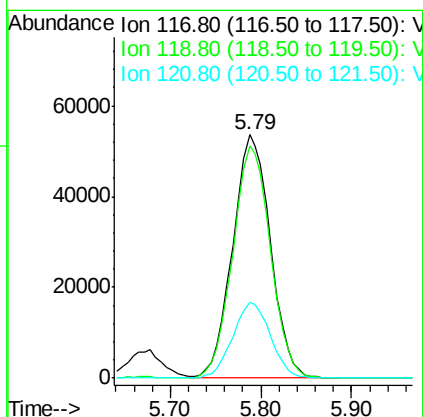
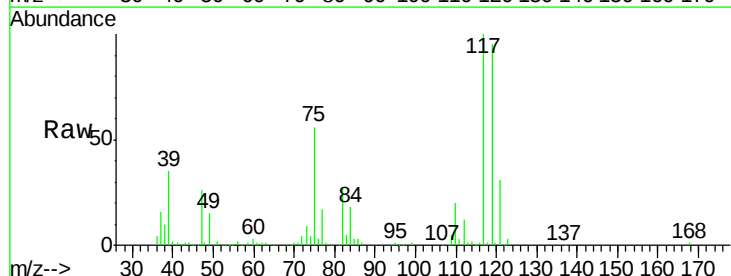
Delta R.T. -0.00 min

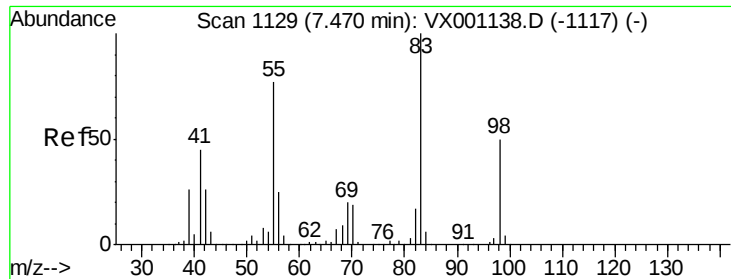
Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Tgt Ion: 117 Resp: 154927

Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.5	114.7
121	31.0	24.6	37.0

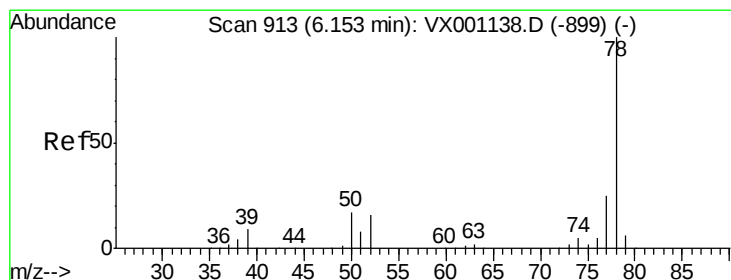
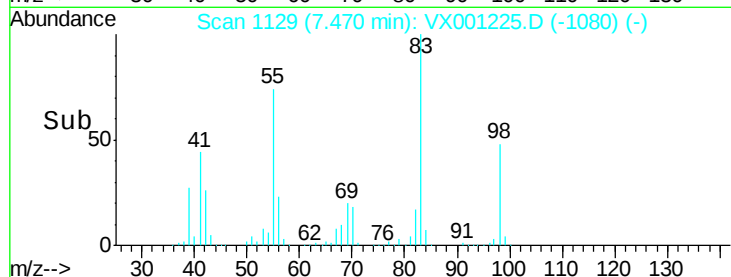
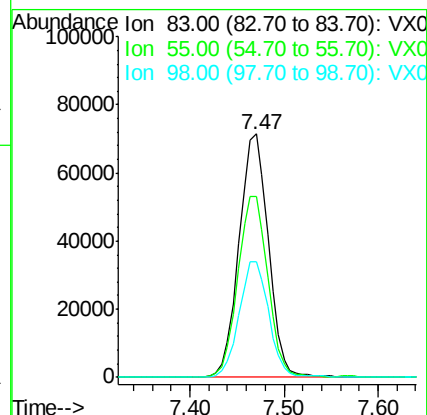
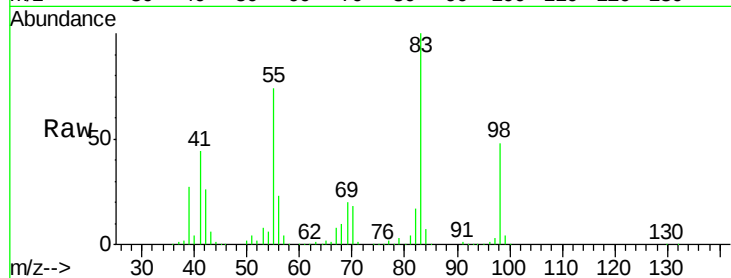




#39
Methylcyclohexane
Concen: 48.41 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

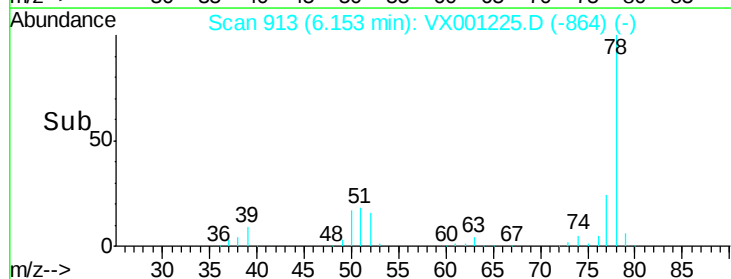
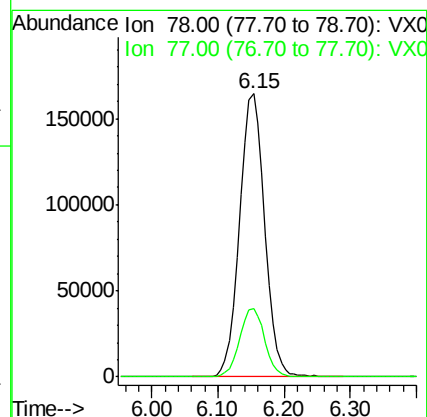
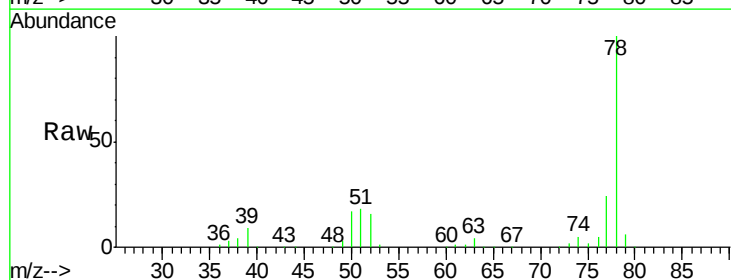
Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

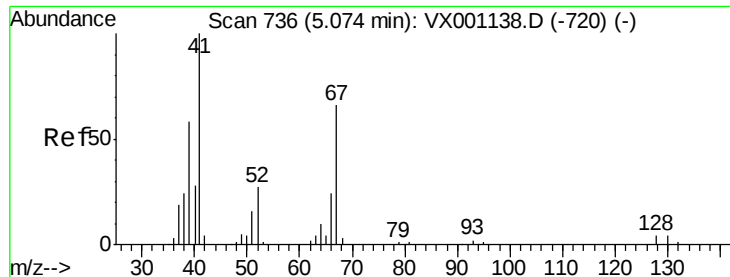
Tgt Ion: 83 Resp: 155651
Ion Ratio Lower Upper
83 100
55 74.3 61.8 92.6
98 47.6 40.0 60.0



#40
Benzene
Concen: 51.45 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Tgt Ion: 78 Resp: 432340
Ion Ratio Lower Upper
78 100
77 24.0 19.7 29.5

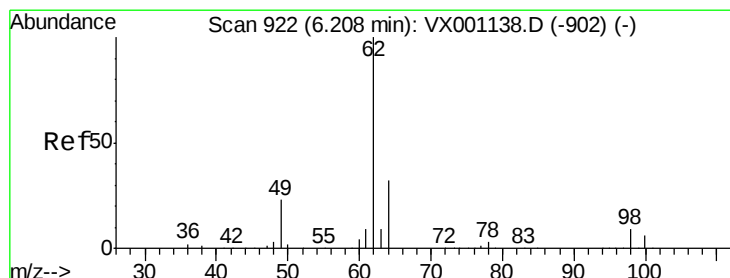
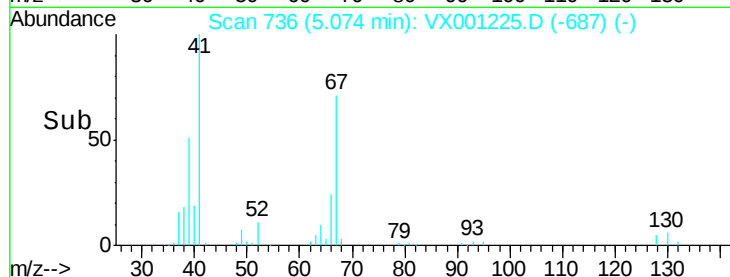
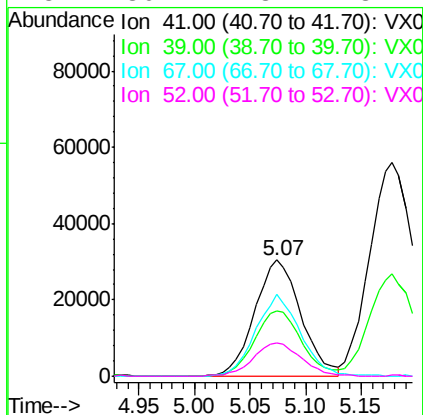
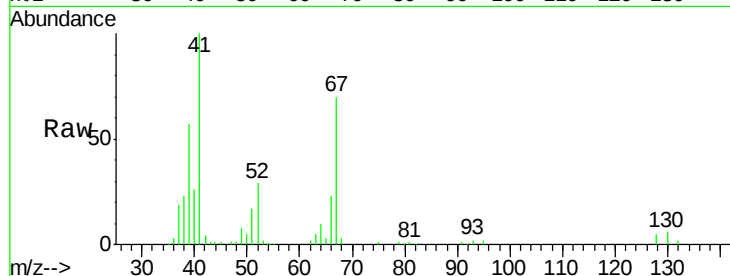




#41
Methacrylonitrile
Concen: 44.70 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

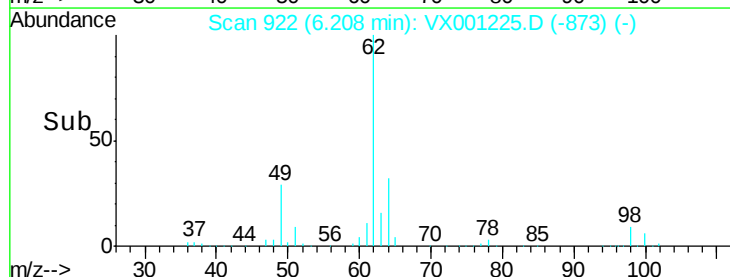
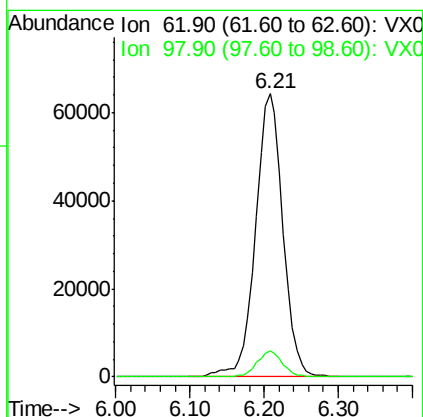
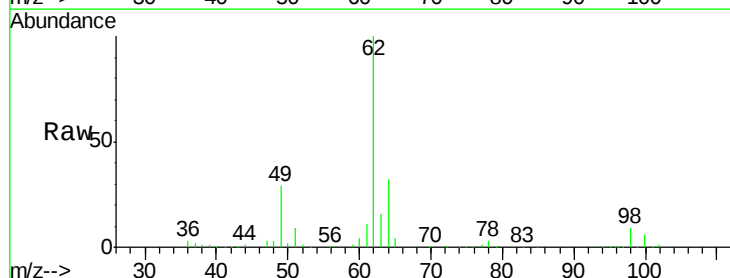
Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

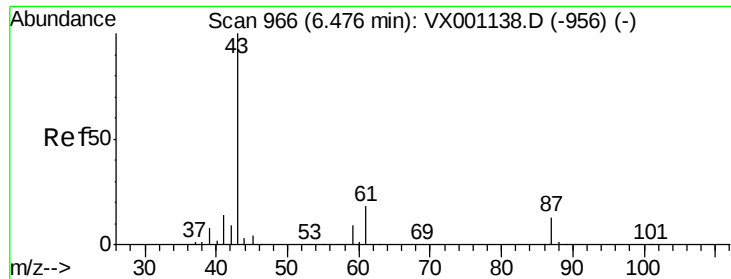
Tgt Ion:	41	Resp:	87375
Ion	Ratio	Lower	Upper
41	100		
39	57.4	45.9	68.9
67	68.5	53.2	79.8
52	30.1	23.1	34.7



#42
1,2-Dichloroethane
Concen: 48.66 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Tgt Ion:	62	Resp:	164766
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0





#43

Isopropyl Acetate

Concen: 48.33 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-180423MS

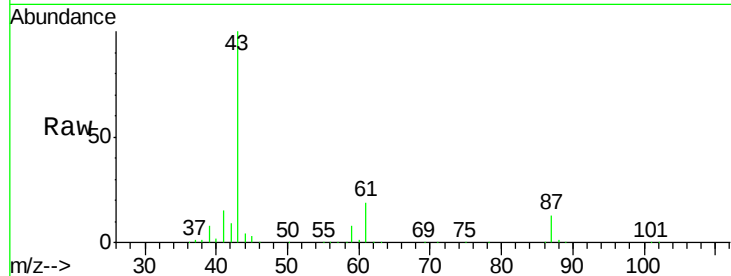
Tgt Ion: 43 Resp: 264039

Ion Ratio Lower Upper

43 100

61 18.6 15.0 22.6

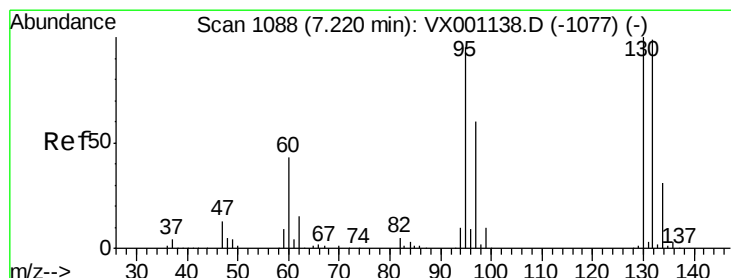
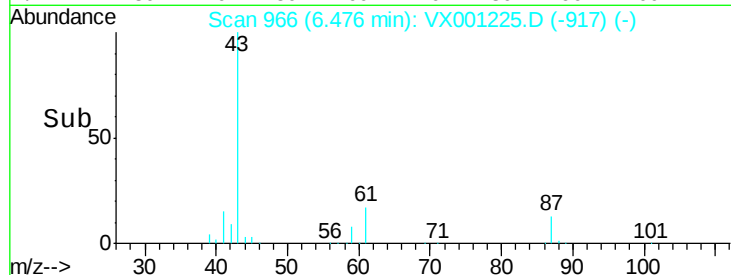
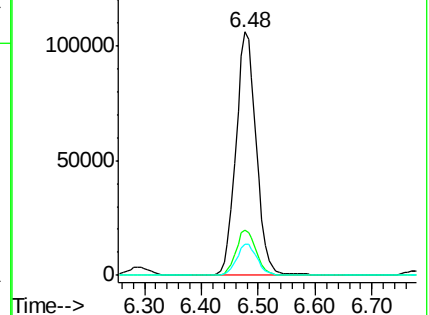
87 13.0 10.3 15.5



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: 50.25 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001225.D

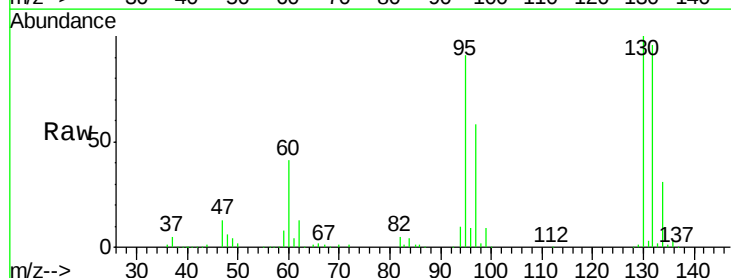
Acq: 28 Apr 2018 20:13

Tgt Ion: 130 Resp: 125796

Ion Ratio Lower Upper

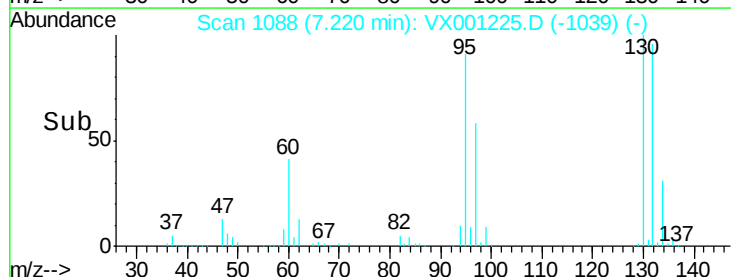
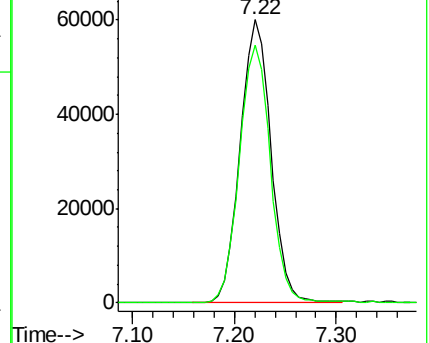
130 100

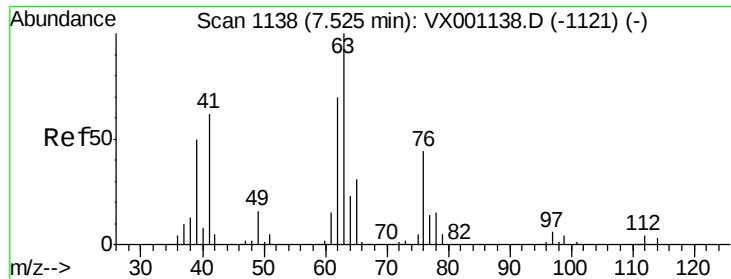
95 90.9 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.16 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

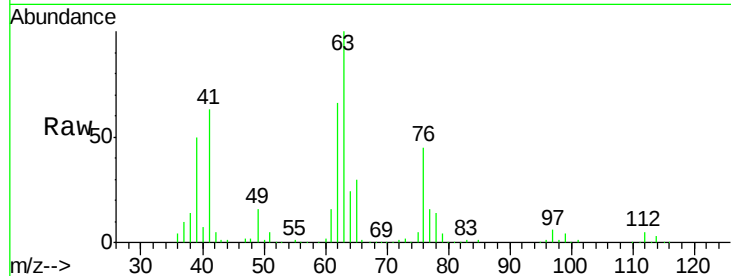
WP022MW102-180423MS

Tgt Ion: 63 Resp: 108643

Ion Ratio Lower Upper

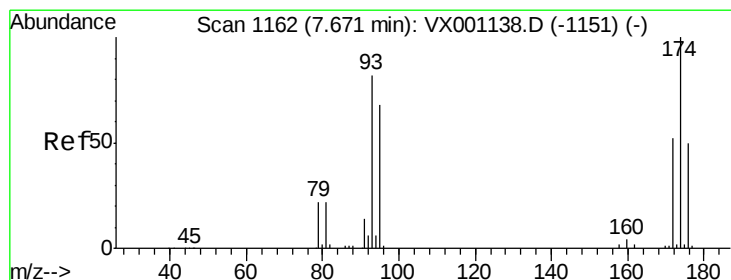
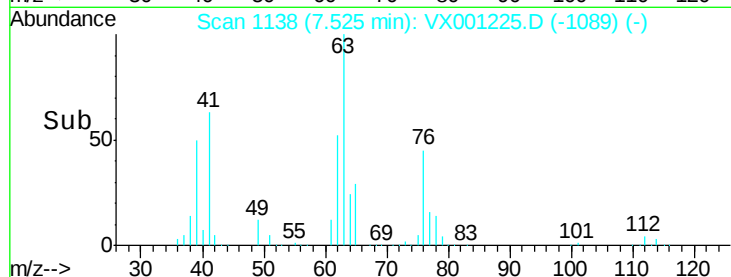
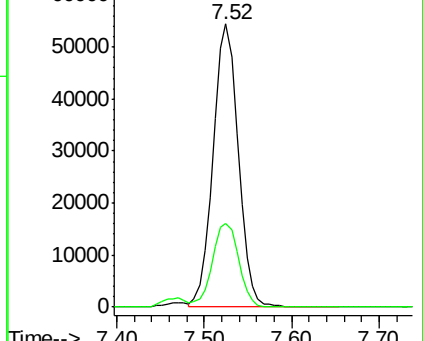
63 100

65 29.6 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.06 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

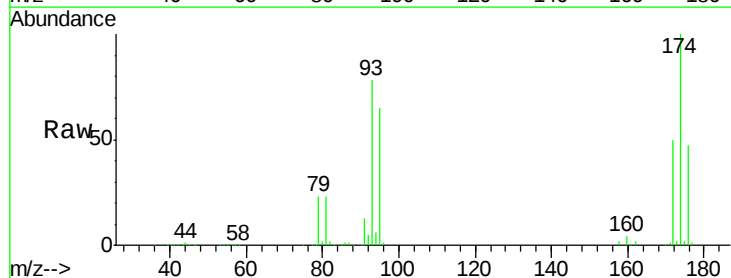
Tgt Ion: 93 Resp: 78148

Ion Ratio Lower Upper

93 100

95 82.7 66.4 99.6

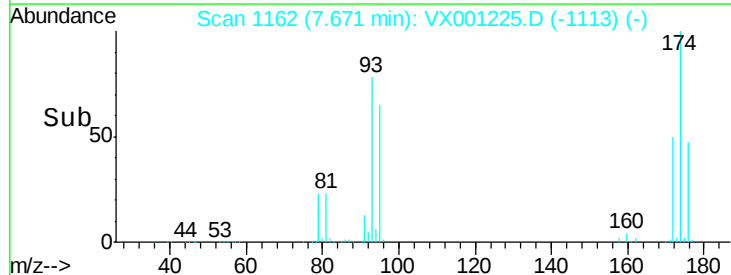
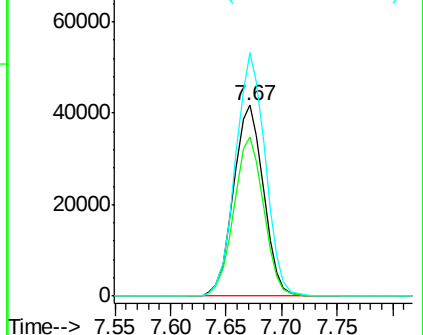
174 126.0 99.6 149.4

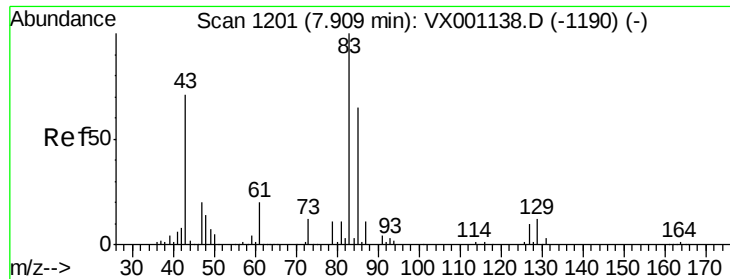


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.27 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-180423MS

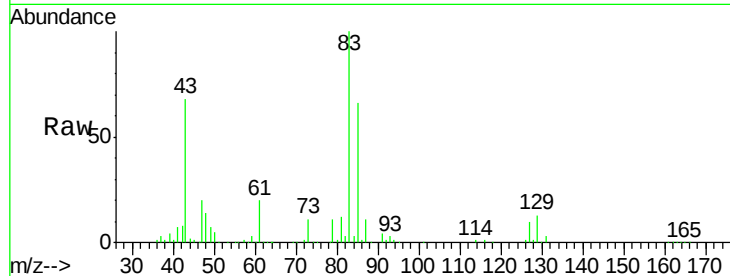
Tgt Ion: 83 Resp: 145361

Ion Ratio Lower Upper

83 100

85 65.8 51.9 77.9

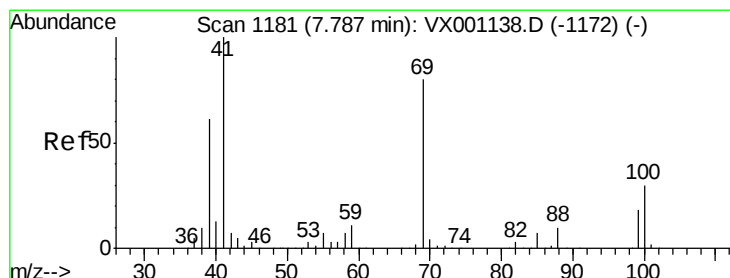
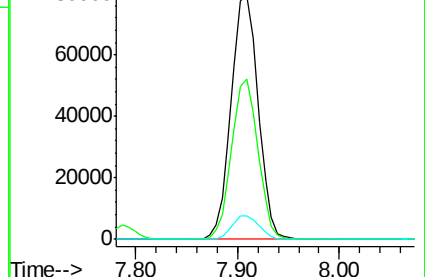
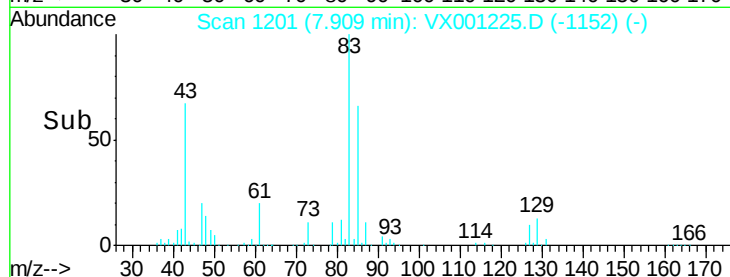
127 9.7 7.7 11.5



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: 39.56 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

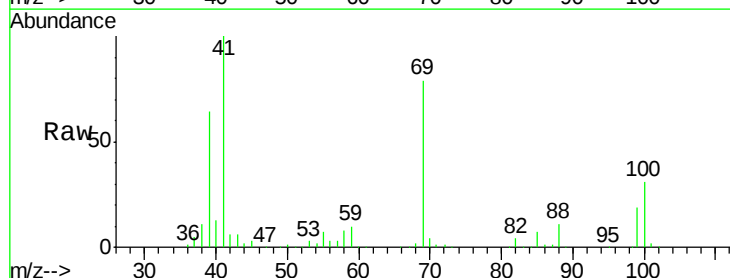
Tgt Ion: 41 Resp: 114876

Ion Ratio Lower Upper

41 100

69 80.0 62.4 93.6

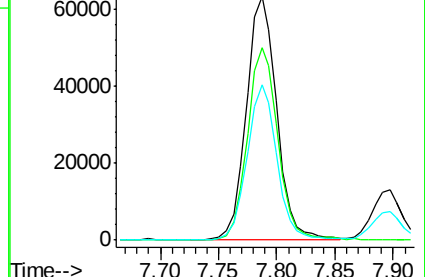
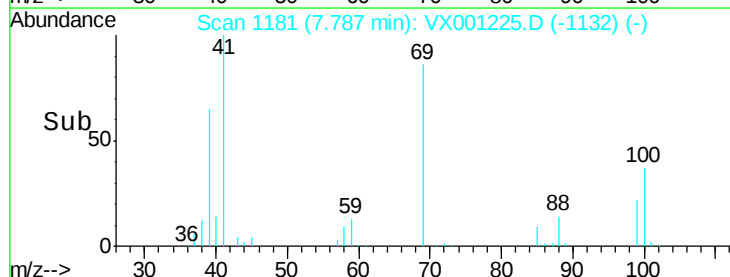
39 62.5 48.7 73.1

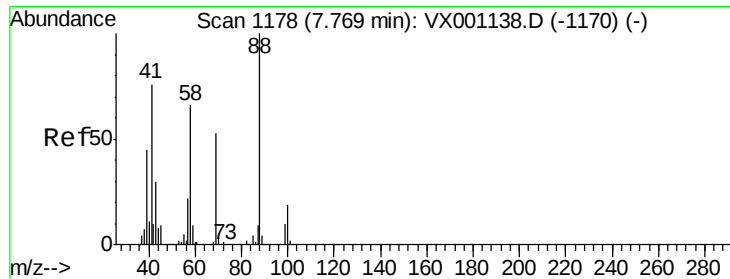


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

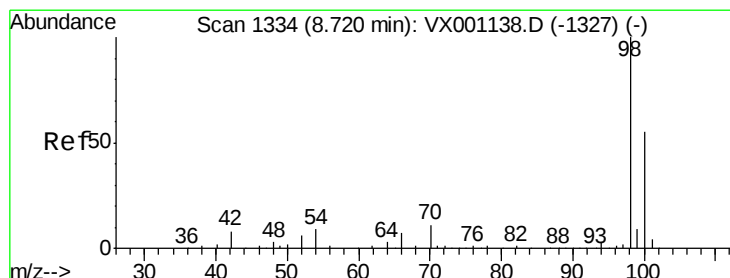
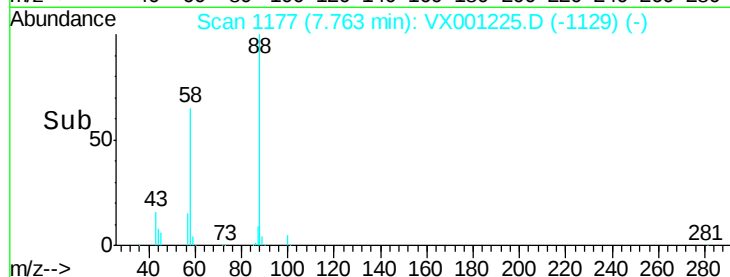
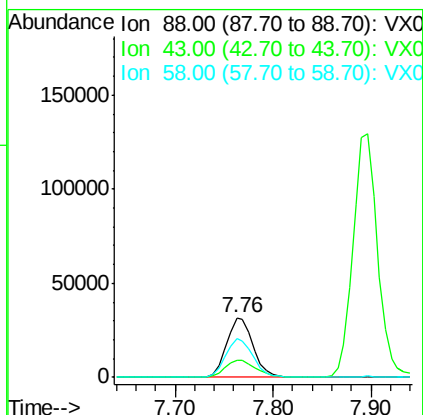
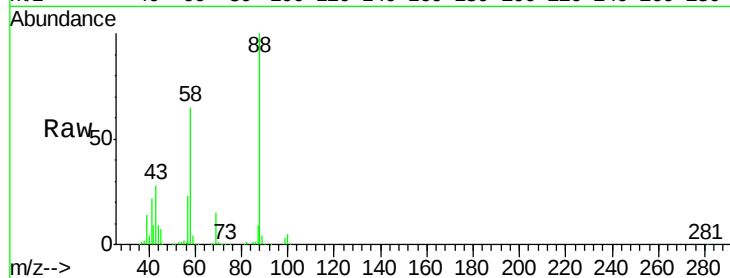




#49
1,4-Dioxane
Concen: 1026.54 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

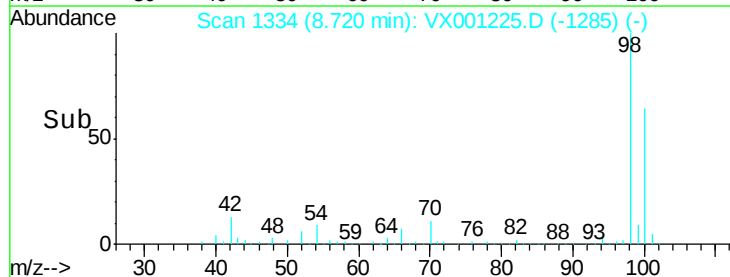
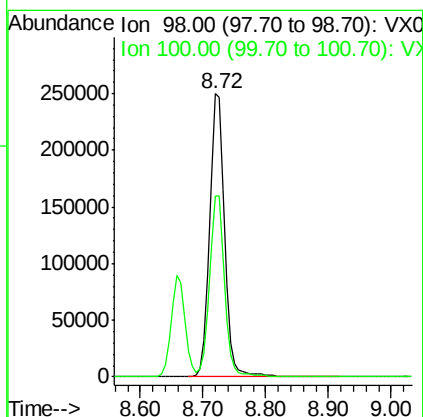
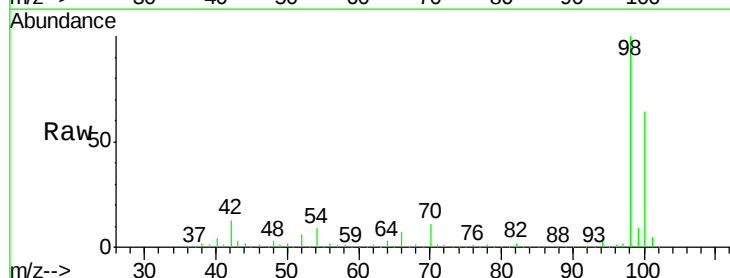
Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

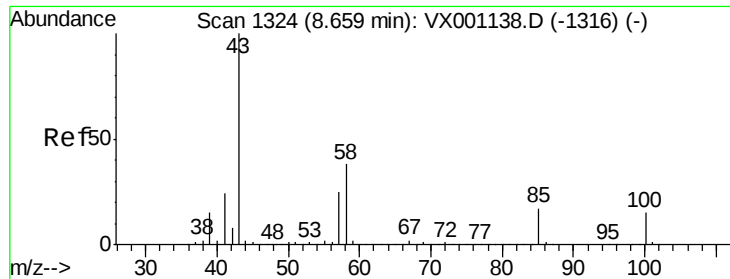
Tgt Ion: 88 Resp: 59684
Ion Ratio Lower Upper
88 100
43 32.4 27.3 40.9
58 66.4 54.2 81.4



#50
Toluene-d8
Concen: 50.13 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Tgt Ion: 98 Resp: 412781
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 257.50 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

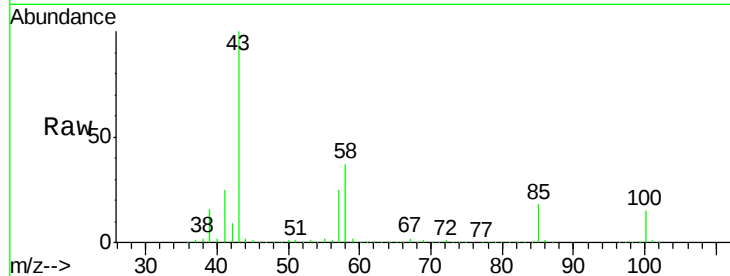
WP022MW102-180423MS

Tgt Ion: 43 Resp: 924099

Ion Ratio Lower Upper

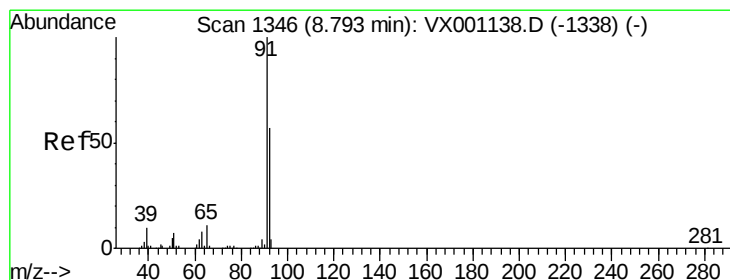
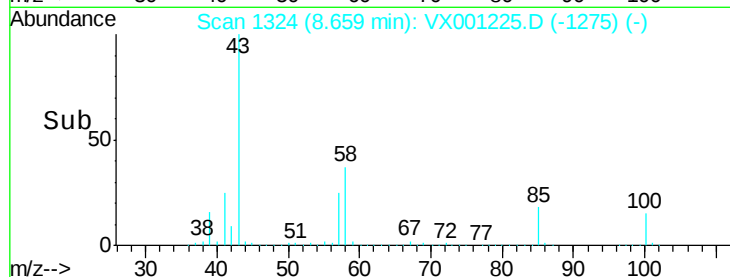
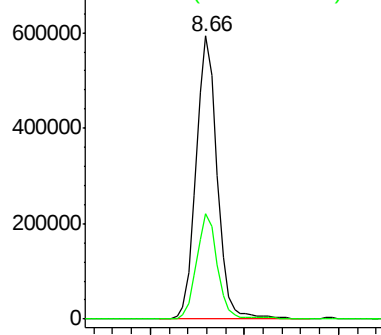
43 100

58 37.3 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.24 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001225.D

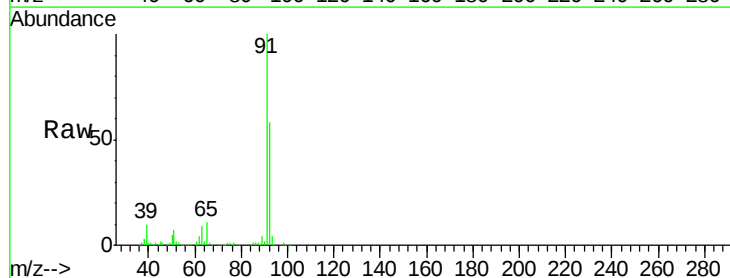
Acq: 28 Apr 2018 20:13

Tgt Ion: 92 Resp: 281572

Ion Ratio Lower Upper

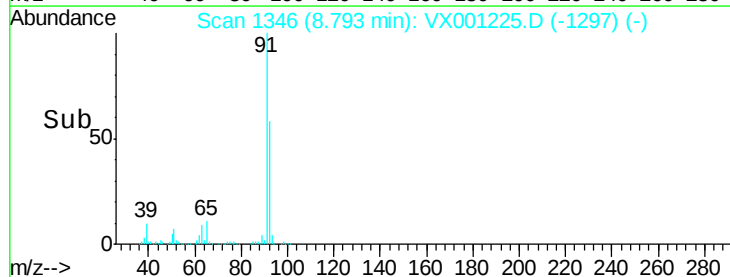
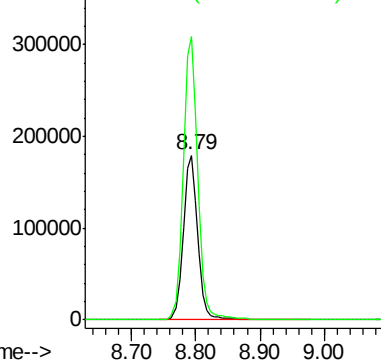
92 100

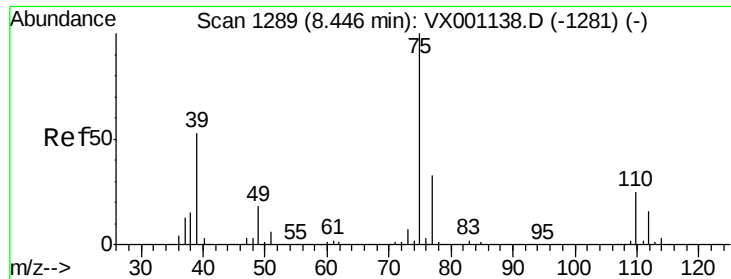
91 173.8 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

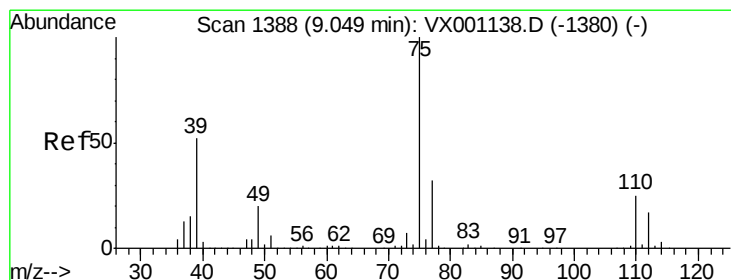
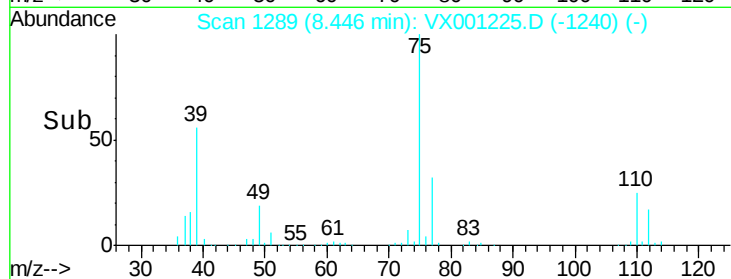
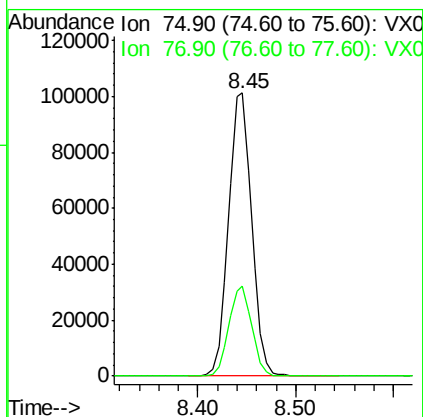
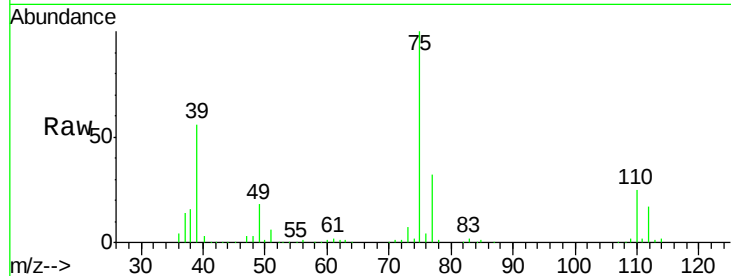




#53
t-1,3-Dichloropropene
Concen: 51.26 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

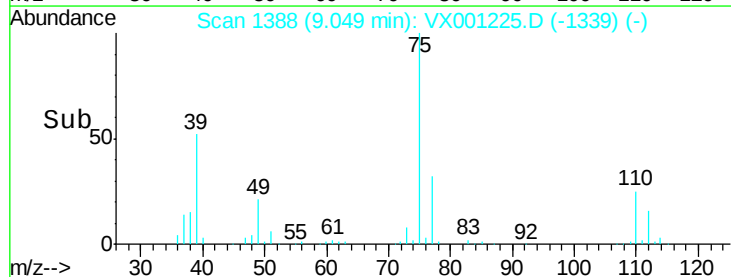
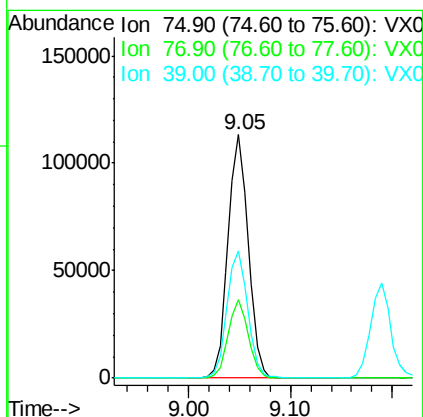
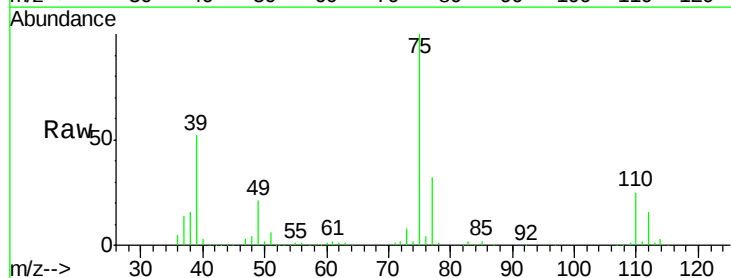
Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

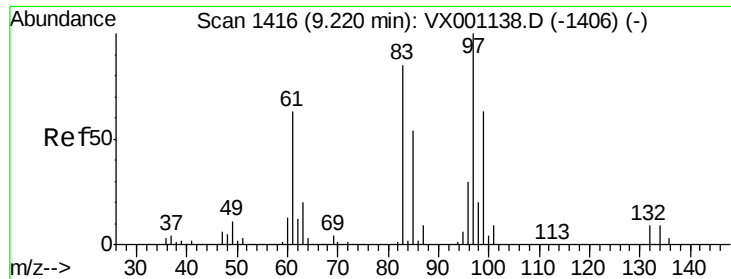
Tgt Ion: 75 Resp: 165716
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.4



#54
cis-1,3-Dichloropropene
Concen: 44.77 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Tgt Ion: 75 Resp: 155879
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2
39 52.3 42.0 63.0

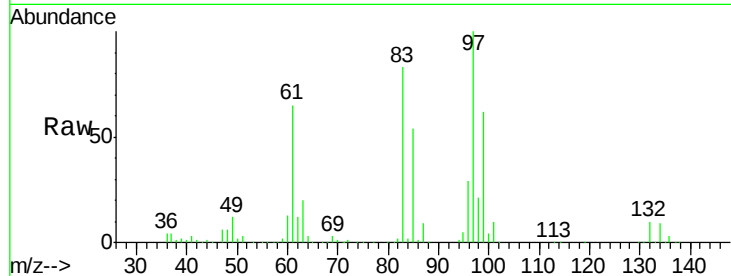




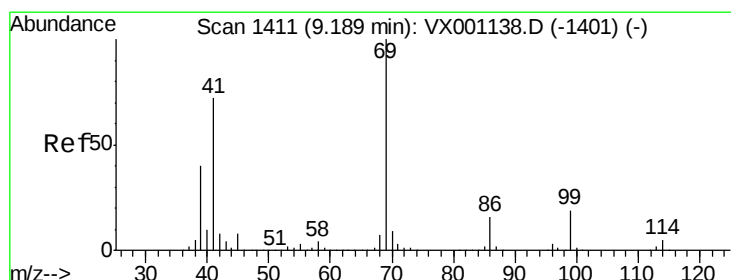
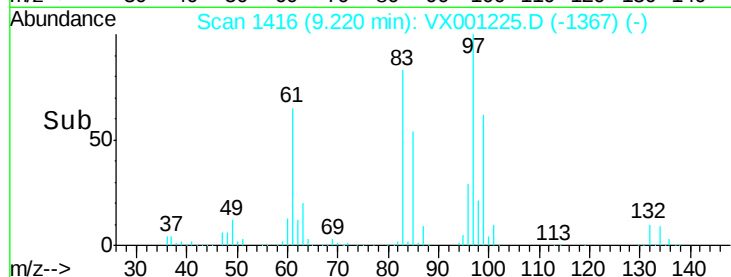
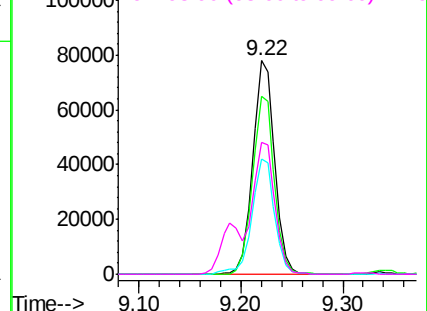
#55
 1,1,2-Trichloroethane
 Concen: 50.17 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001225.D
 Acq: 28 Apr 2018 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW102-180423MS

Tgt Ion:	97	Resp:	116644
Ion	Ratio	Lower	Upper
97	100		
83	83.0	68.0	102.0
85	53.7	42.9	64.3
99	61.6	50.3	75.5

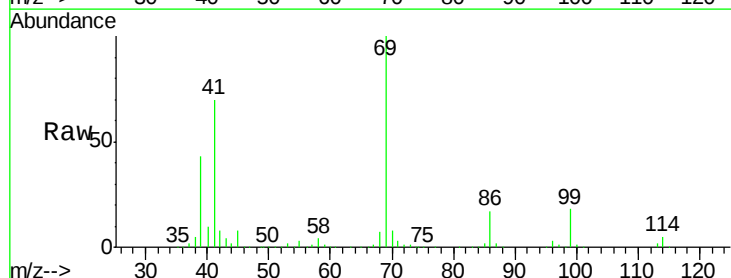


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

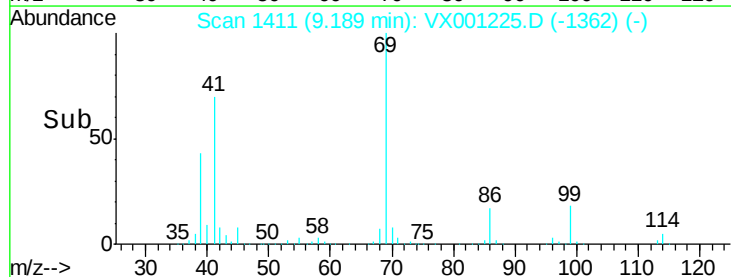
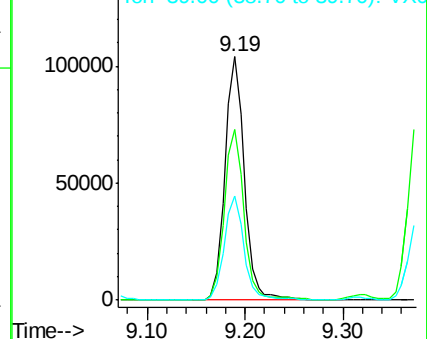


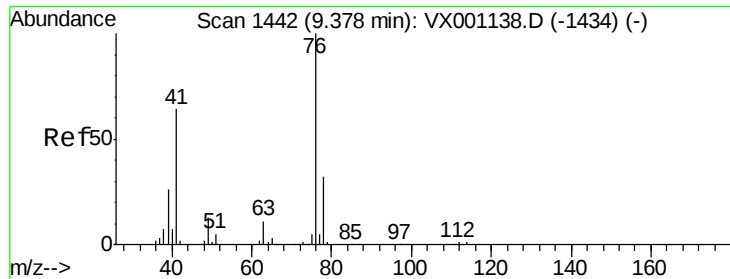
#56
 Ethyl methacrylate
 Concen: 41.76 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001225.D
 Acq: 28 Apr 2018 20:13

Tgt Ion:	69	Resp:	143843
Ion	Ratio	Lower	Upper
69	100		
41	70.3	57.7	86.5
39	42.8	33.3	49.9



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

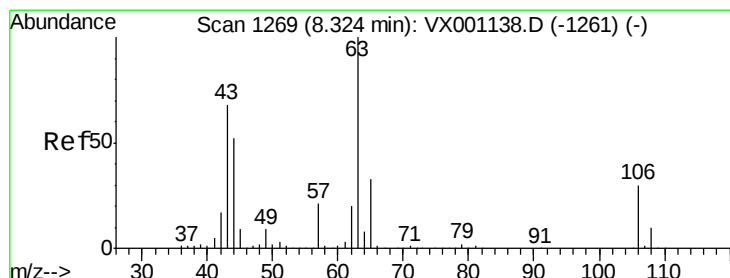
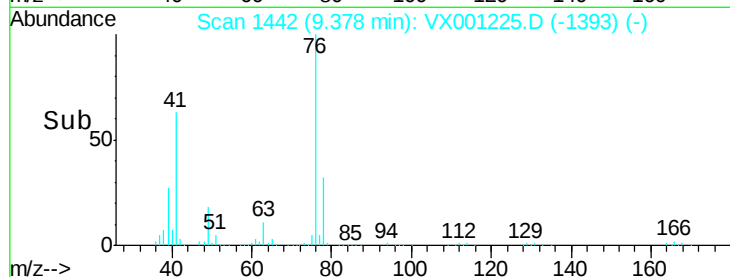
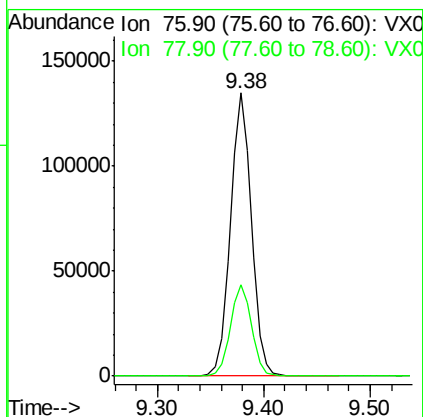
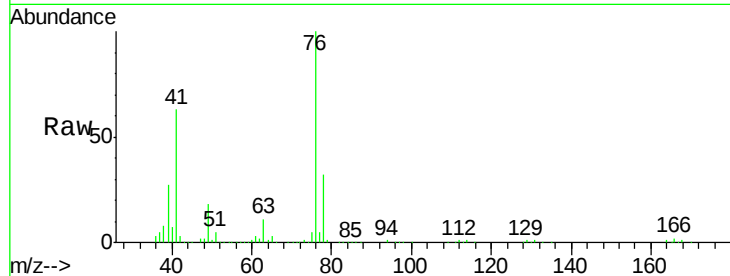




#57
 1,3-Dichloropropane
 Concen: 49.71 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001225.D
 Acq: 28 Apr 2018 20:13

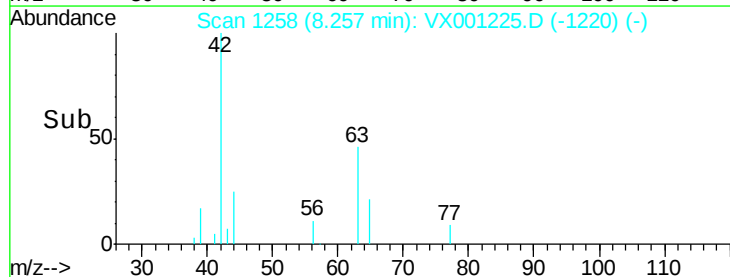
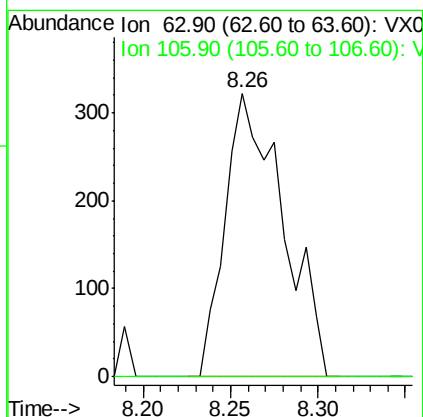
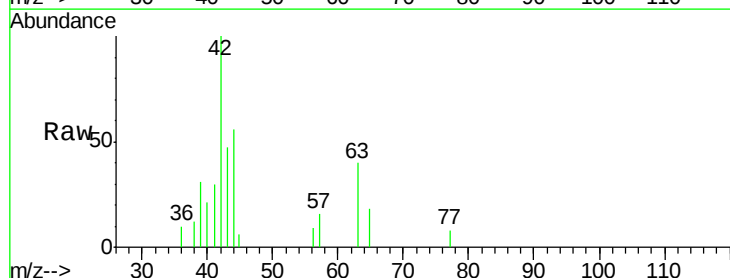
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW102-180423MS

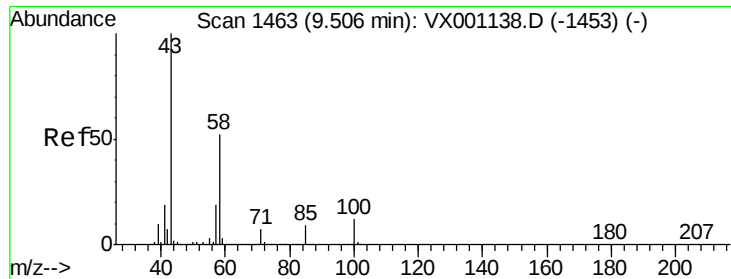
Tgt Ion: 76 Resp: 186960
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.46 ug/l
 RT: 8.26 min Scan# 1258
 Delta R.T. -0.07 min
 Lab File: VX001225.D
 Acq: 28 Apr 2018 20:13

Tgt Ion: 63 Resp: 744
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.7 35.5#

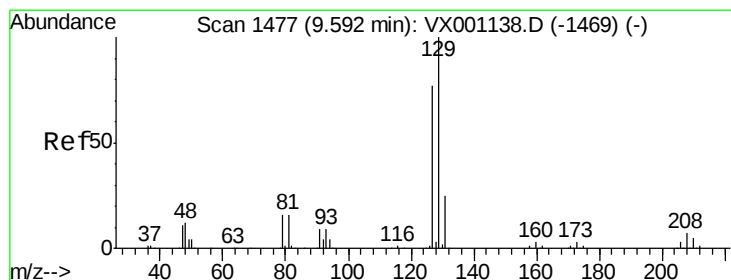
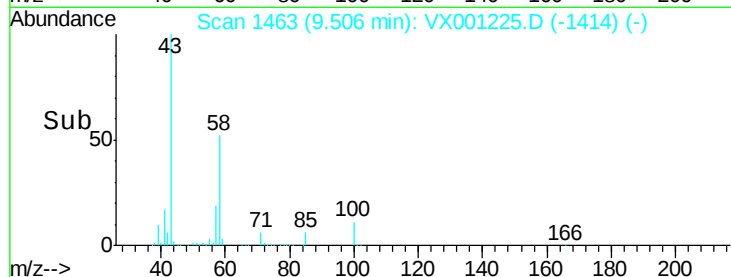
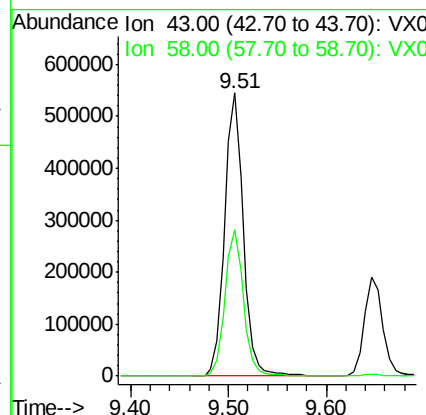
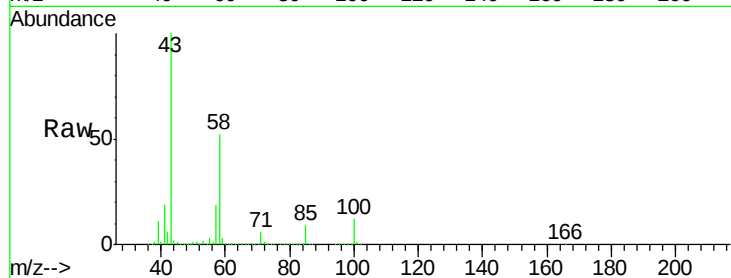




#59
2-Hexanone
Concen: 257.16 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

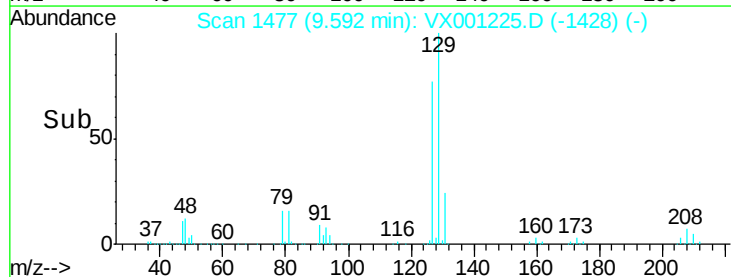
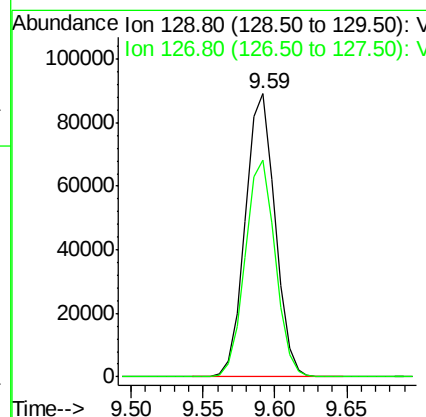
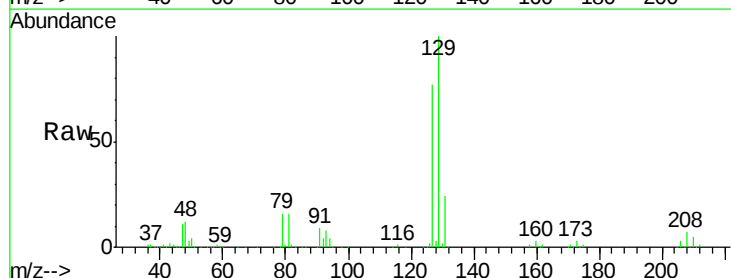
Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

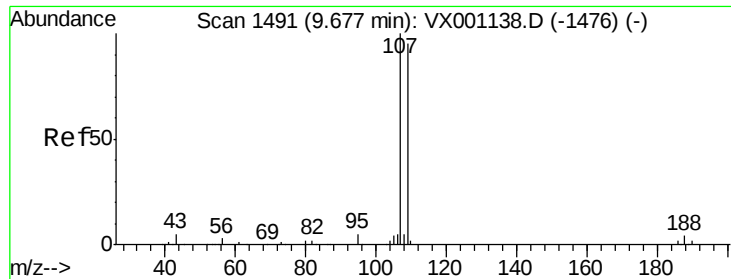
Tgt Ion: 43 Resp: 723097
Ion Ratio Lower Upper
43 100
58 51.7 25.8 77.4



#60
Dibromochloromethane
Concen: 47.21 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Tgt Ion: 129 Resp: 127658
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.39 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

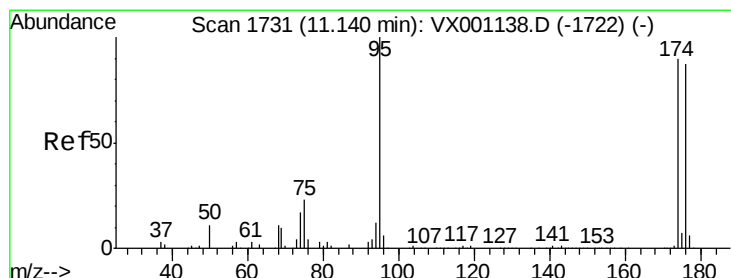
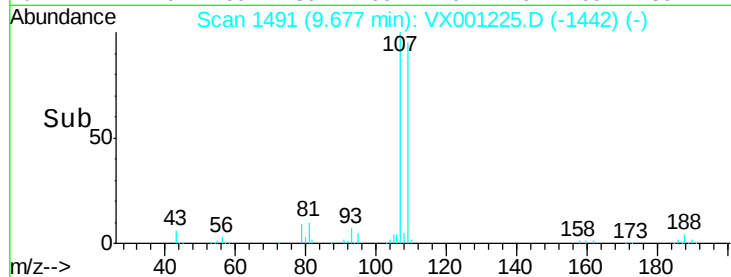
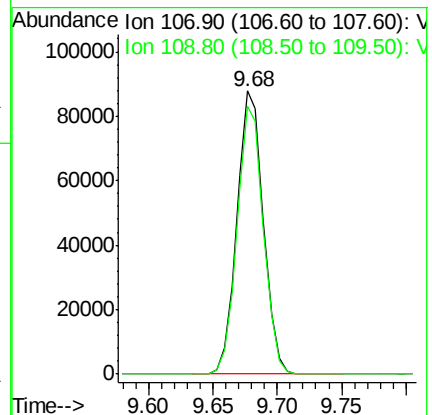
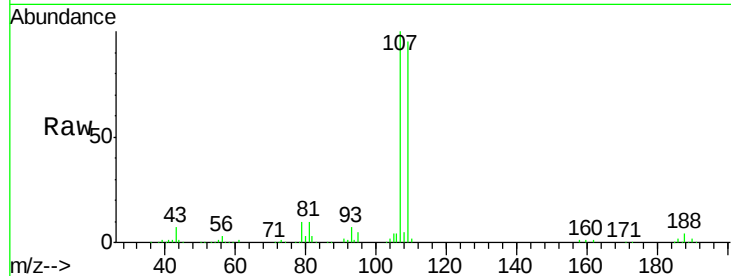
WP022MW102-180423MS

Tgt Ion:107 Resp: 125166

Ion Ratio Lower Upper

107 100

109 94.5 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 49.90 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

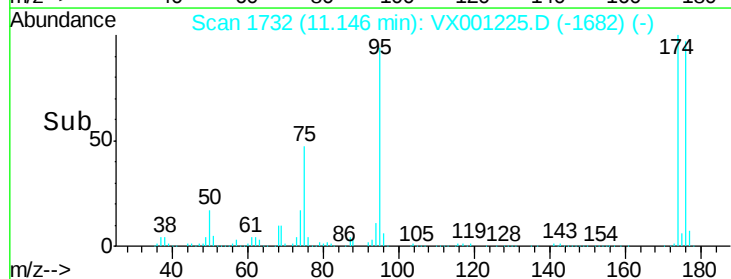
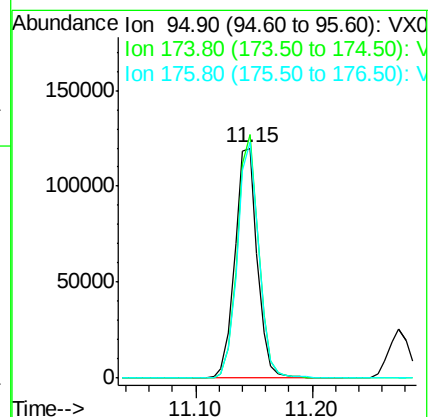
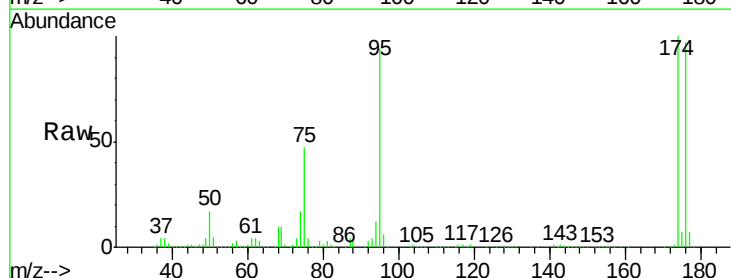
Tgt Ion: 95 Resp: 160508

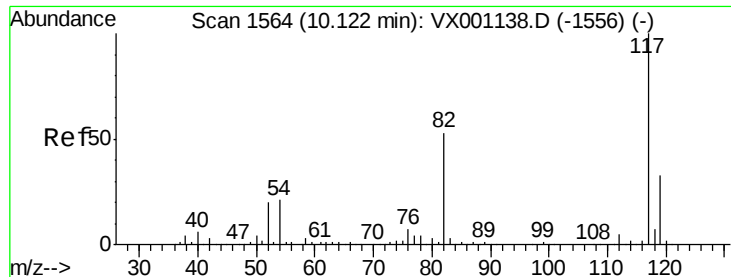
Ion Ratio Lower Upper

95 100

174 101.4 0.0 194.4

176 98.8 0.0 190.2

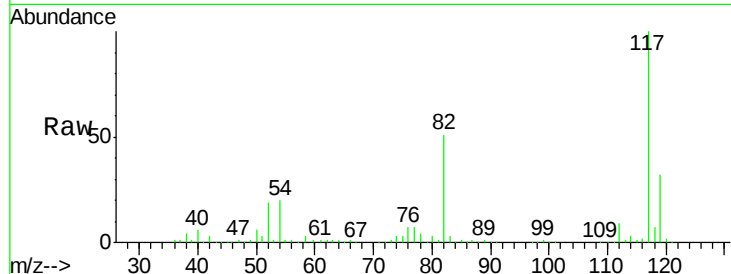




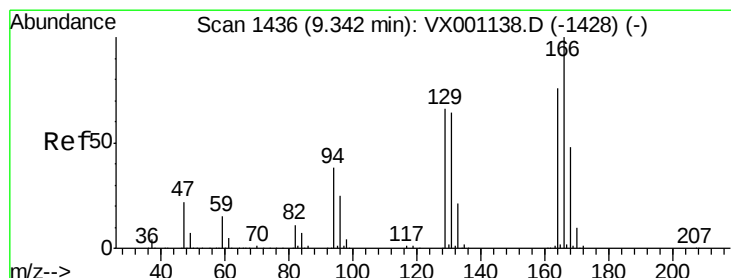
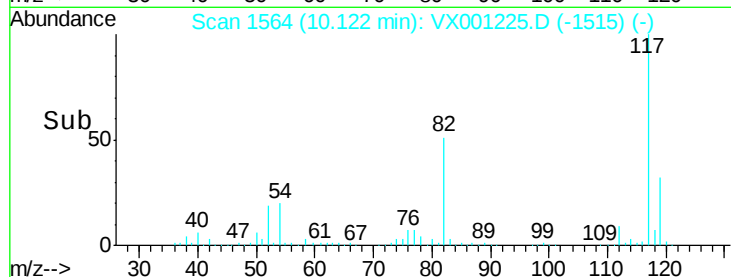
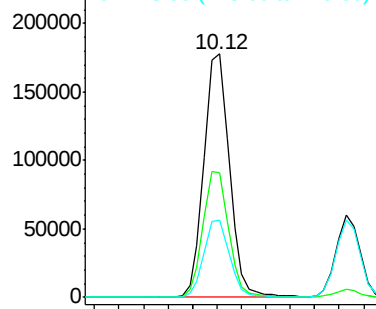
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

Tgt Ion:117 Resp: 257792
Ion Ratio Lower Upper
117 100
82 51.1 42.1 63.1
119 31.8 26.1 39.1



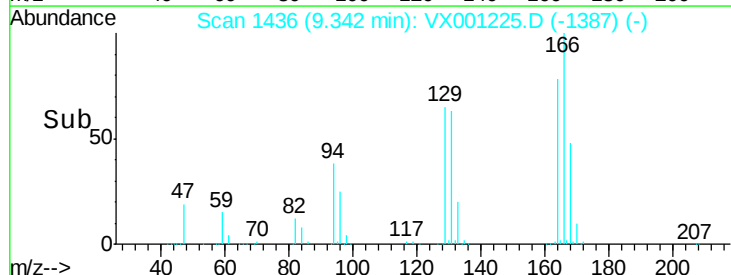
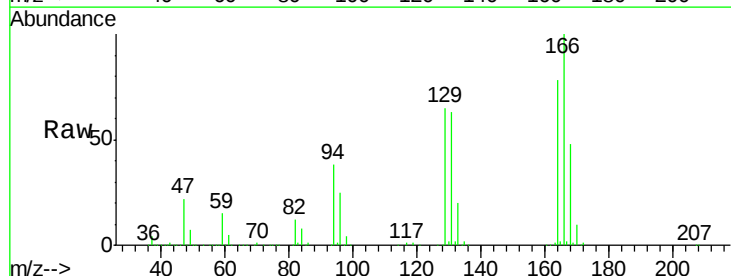
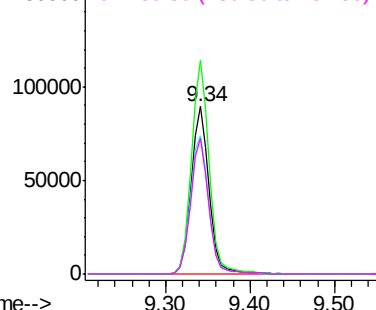
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

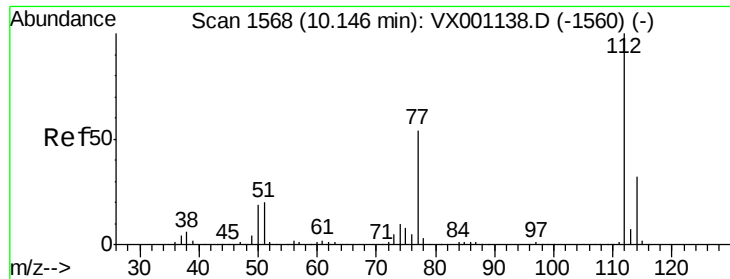


#64
Tetrachloroethene
Concen: 47.74 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Tgt Ion:164 Resp: 131356
Ion Ratio Lower Upper
164 100
166 127.8 105.0 157.6
129 82.7 69.4 104.2
131 80.9 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

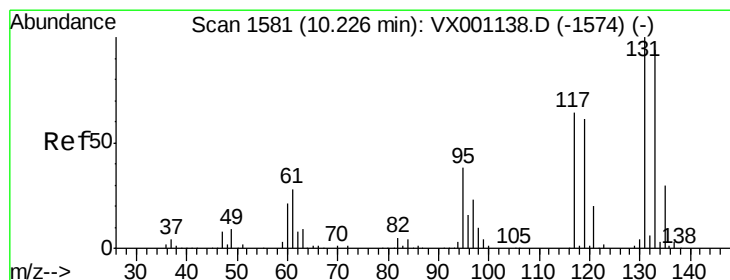
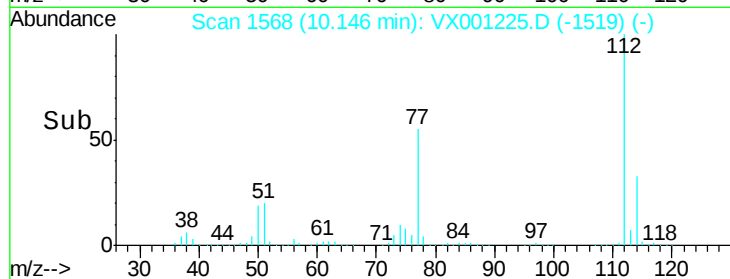
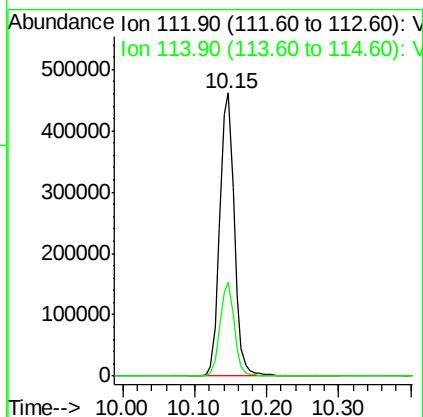
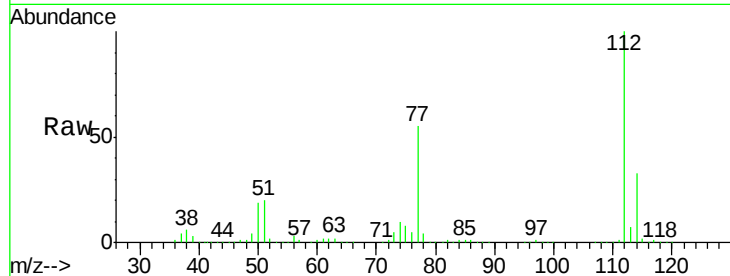




#65
Chlorobenzene
Concen: 95.76 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

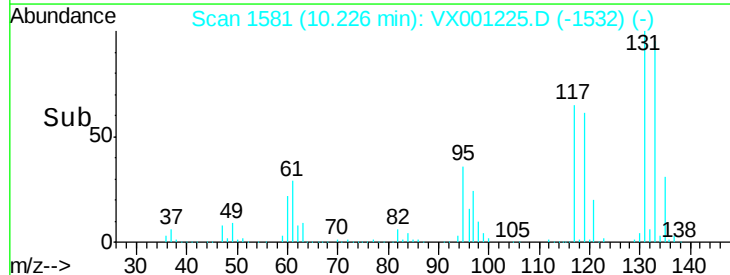
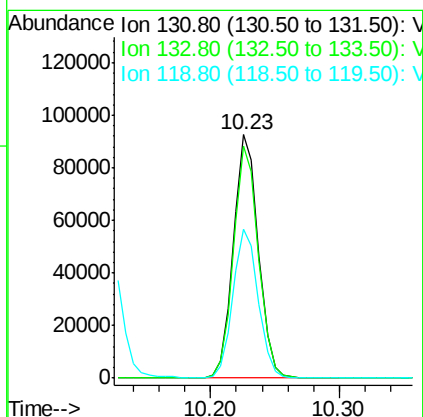
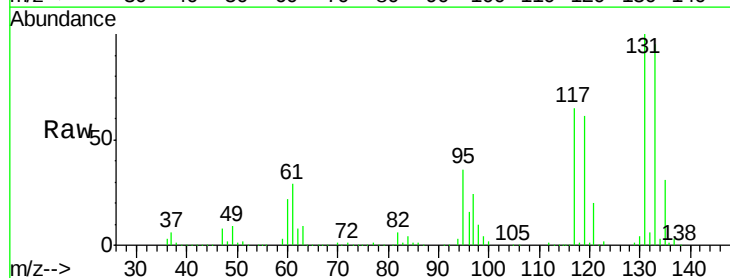
Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

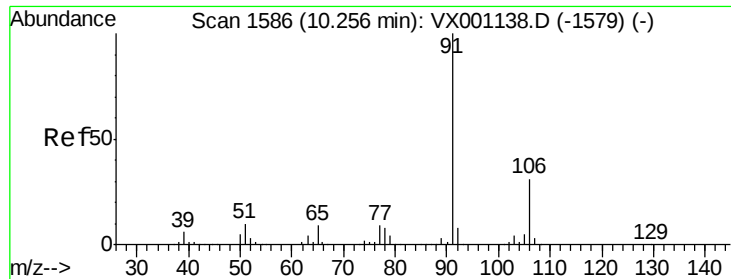
Tgt Ion:112 Resp: 646780
Ion Ratio Lower Upper
112 100
114 33.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.56 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Tgt Ion:131 Resp: 125164
Ion Ratio Lower Upper
131 100
133 95.0 47.8 143.4
119 62.0 31.3 93.8





#67

Ethyl Benzene

Concen: 49.45 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

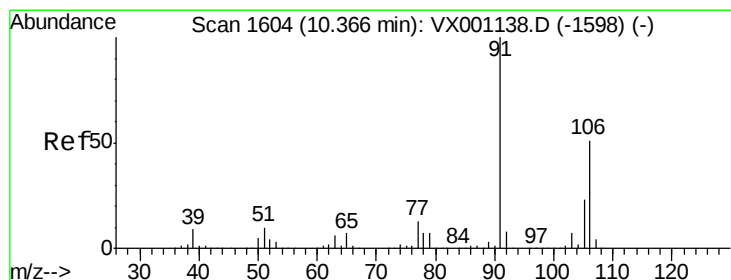
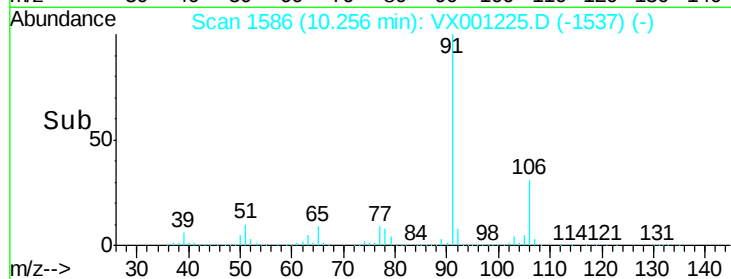
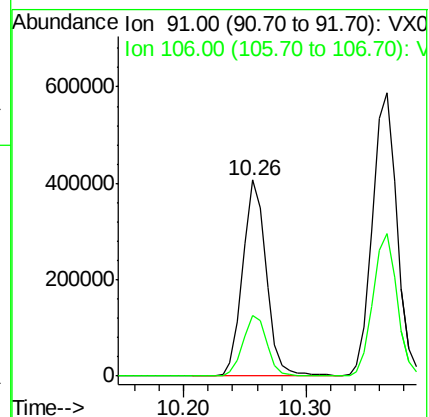
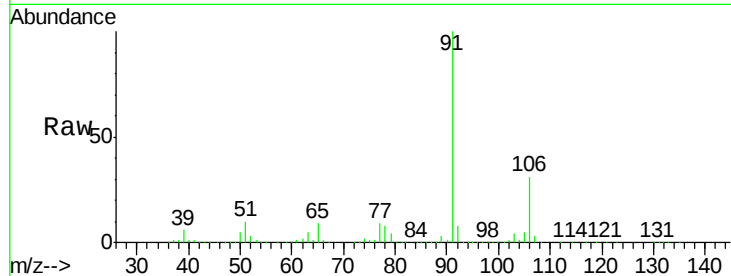
WP022MW102-180423MS

Tgt Ion: 91 Resp: 542695

Ion Ratio Lower Upper

91 100

106 31.3 24.8 37.2



#68

m/p-Xylenes

Concen: 94.44 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001225.D

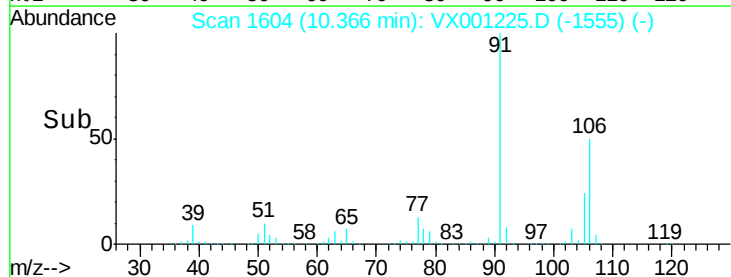
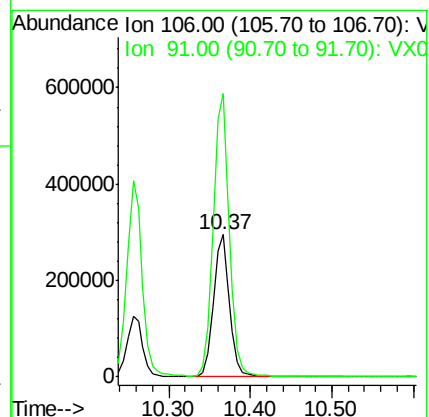
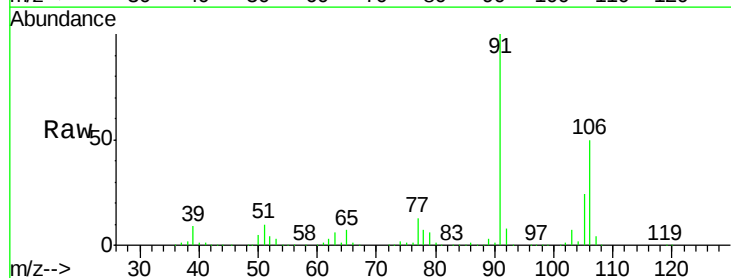
Acq: 28 Apr 2018 20:13

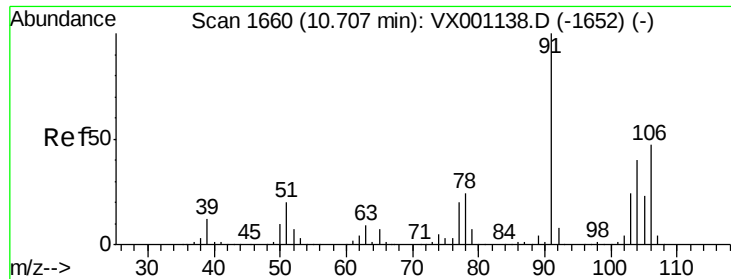
Tgt Ion: 106 Resp: 409724

Ion Ratio Lower Upper

106 100

91 200.7 160.9 241.3

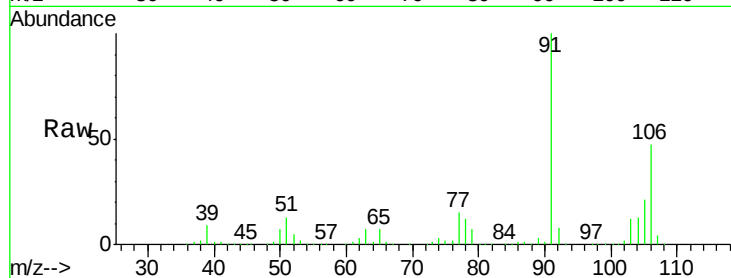




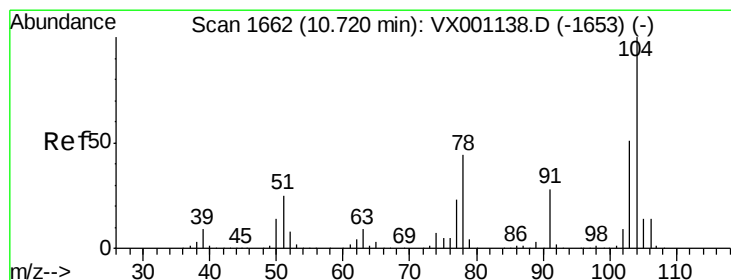
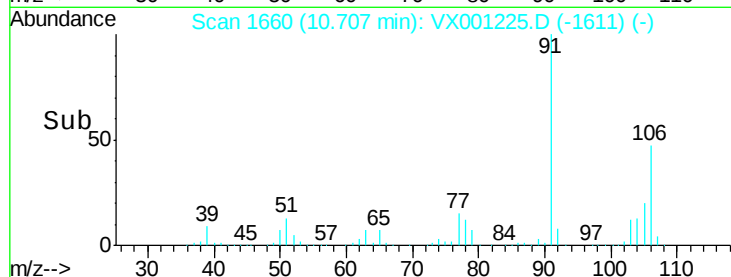
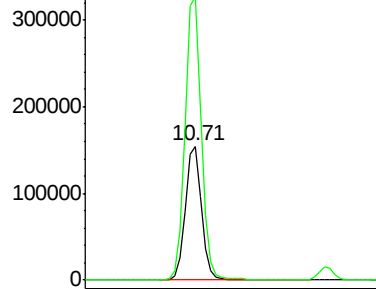
#69
o-Xylene
Concen: 49.00 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

Tgt Ion:106 Resp: 206199
Ion Ratio Lower Upper
106 100
91 213.4 106.2 318.5

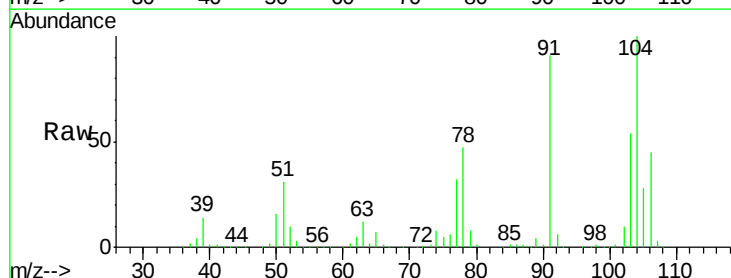


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

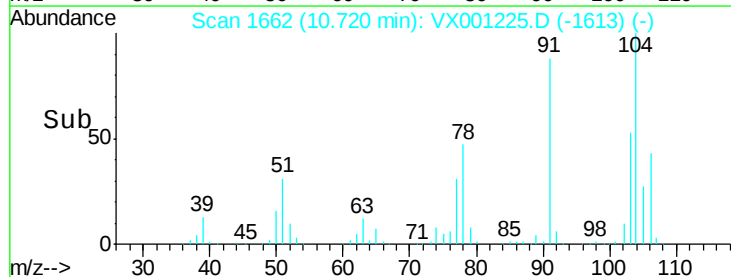
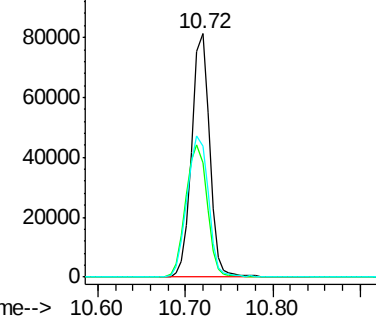


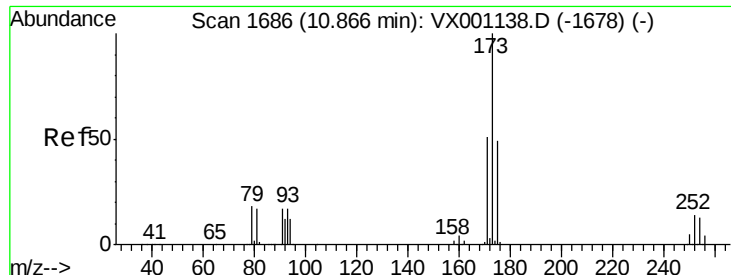
#70
Styrene
Concen: 16.47 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Tgt Ion:104 Resp: 115364
Ion Ratio Lower Upper
104 100
78 65.5 40.3 60.5#
103 69.4 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: 43.93 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-180423MS

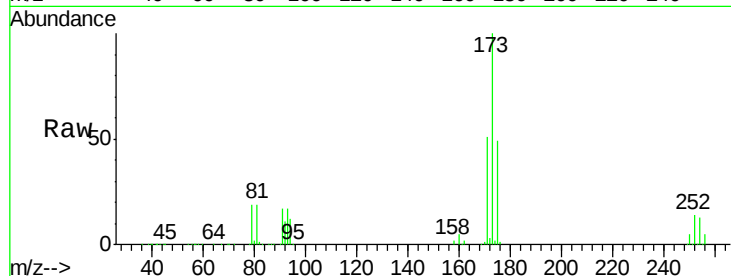
Tgt Ion:173 Resp: 106342

Ion Ratio Lower Upper

173 100

175 48.9 24.6 73.8

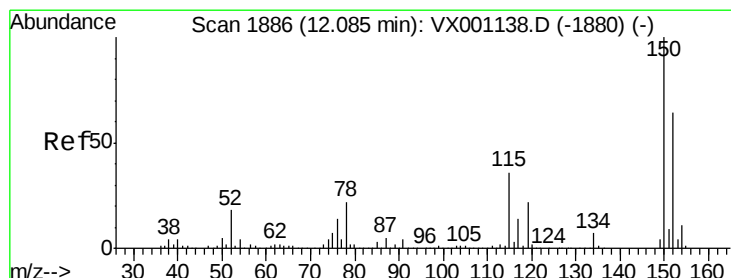
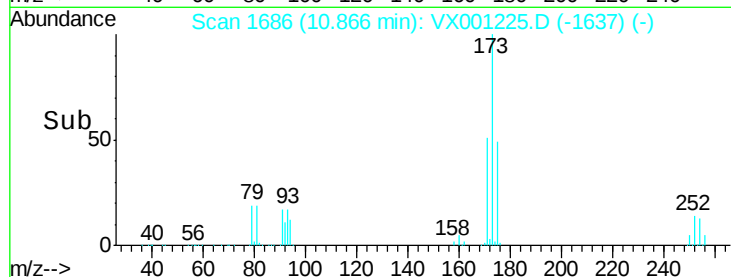
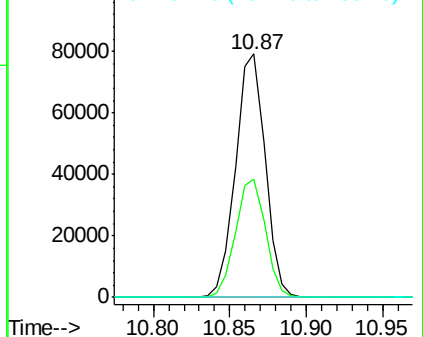
254 0.2 0.2 0.2



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: VX001225.D

Acq: 28 Apr 2018 20:13

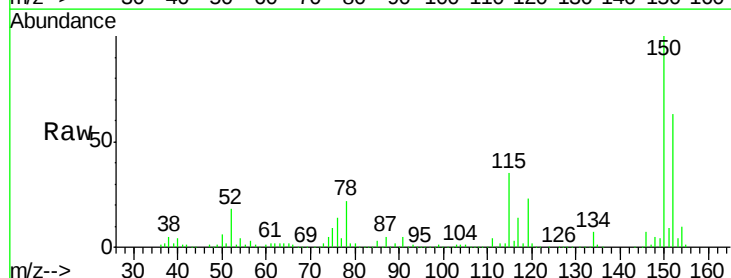
Tgt Ion:152 Resp: 178362

Ion Ratio Lower Upper

152 100

115 75.0 38.0 114.0

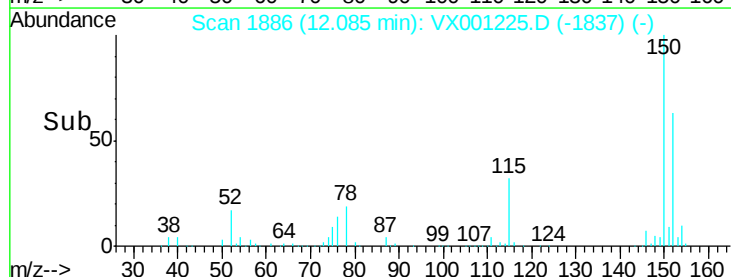
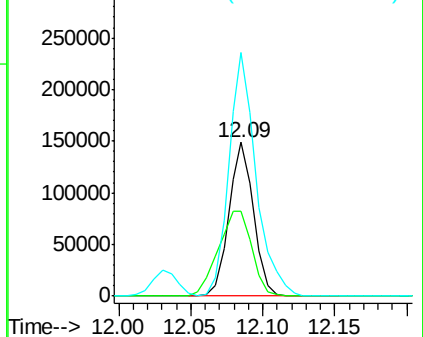
150 175.2 0.0 349.6

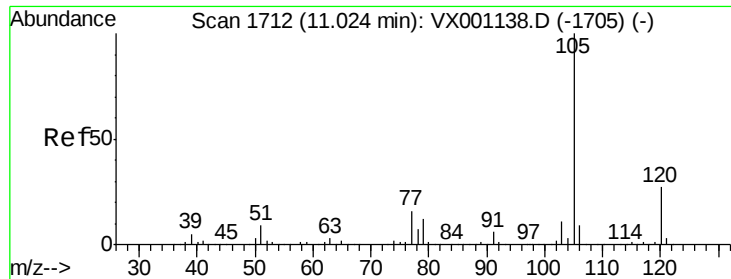


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.41 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

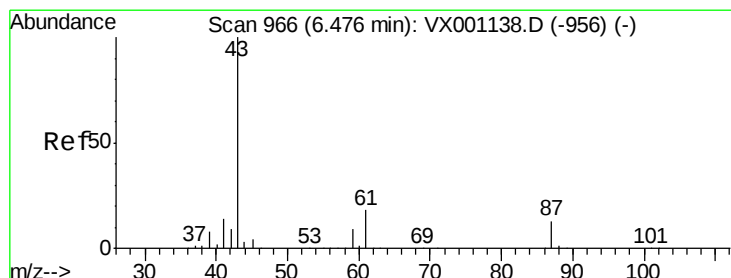
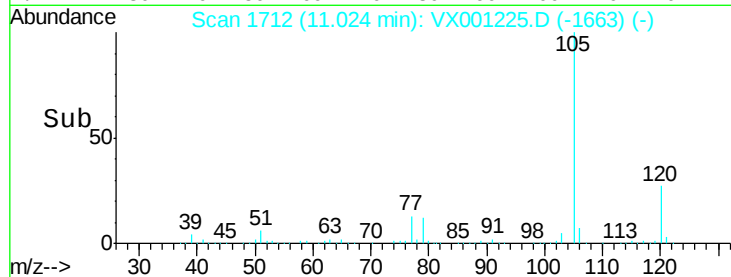
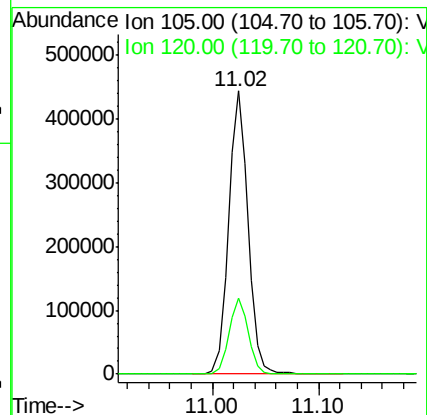
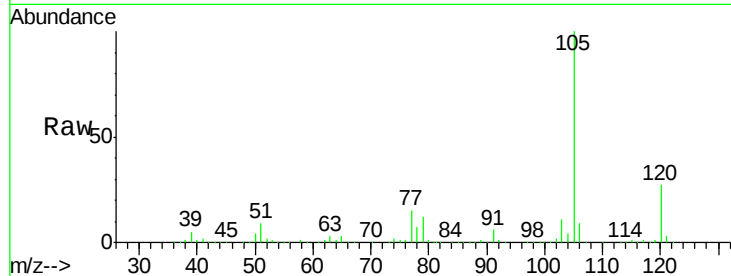
WP022MW102-180423MS

Tgt Ion: 105 Resp: 562762

Ion Ratio Lower Upper

105 100

120 26.8 13.6 40.8



#74

N-ethyl acetate

Concen: 45.07 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Tgt Ion: 43 Resp: 264039

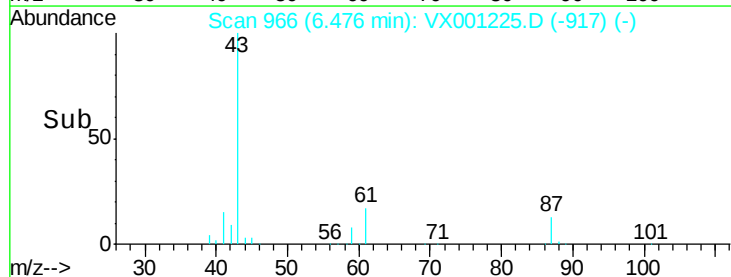
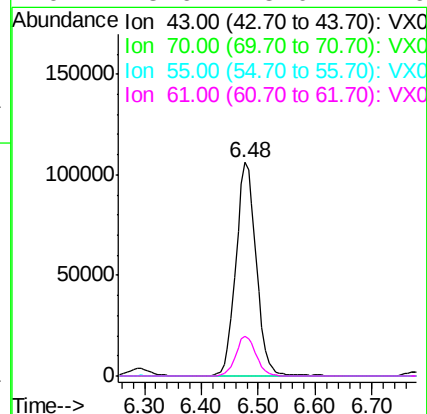
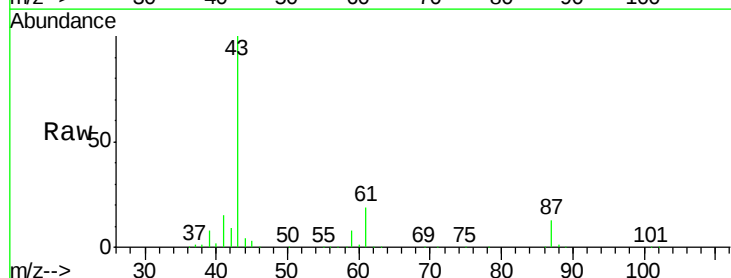
Ion Ratio Lower Upper

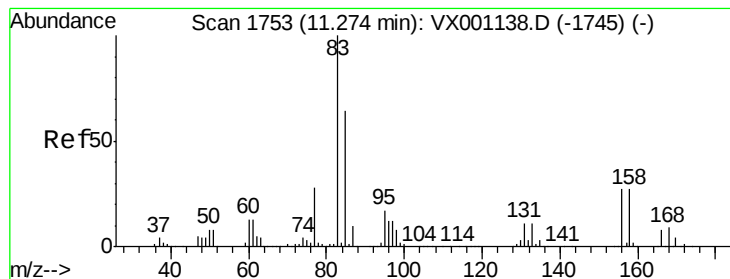
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.6 15.0 22.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.06 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-180423MS

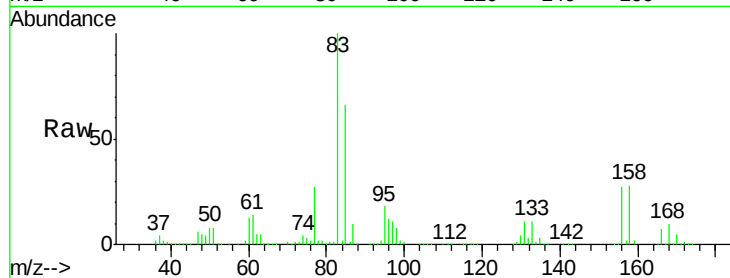
Tgt Ion: 83 Resp: 185382

Ion Ratio Lower Upper

83 100

131 11.4 5.8 17.4

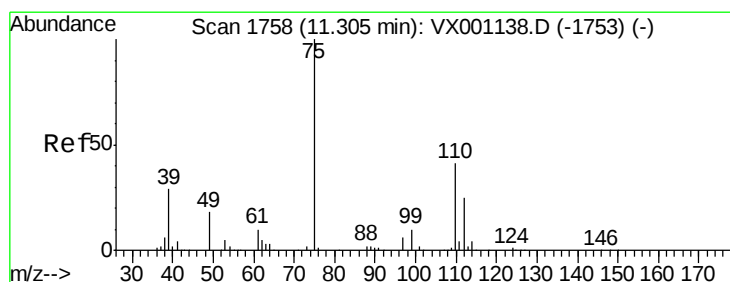
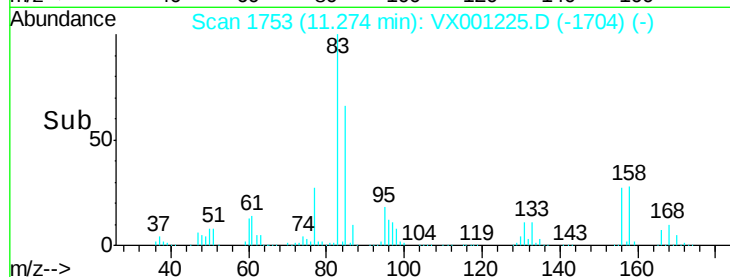
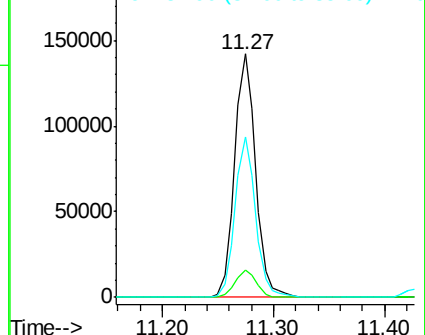
85 64.7 32.1 96.3



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: 57.57 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001225.D

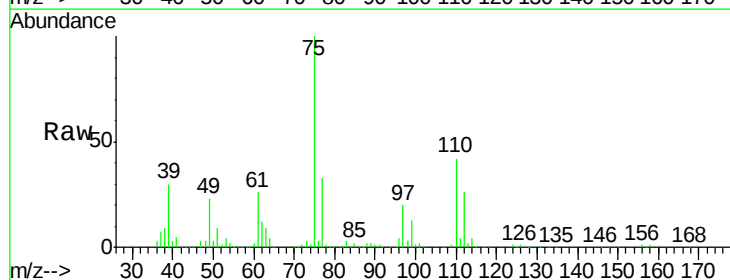
Acq: 28 Apr 2018 20:13

Tgt Ion: 75 Resp: 209099

Ion Ratio Lower Upper

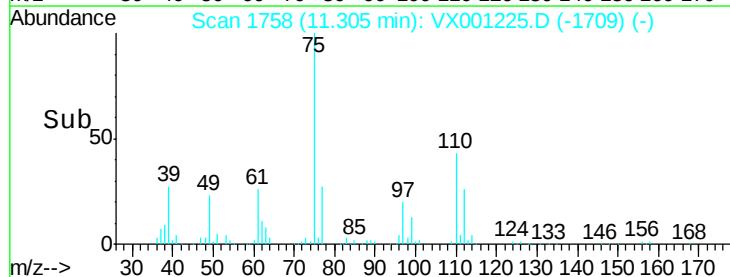
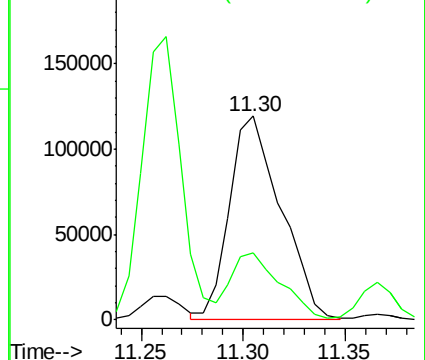
75 100

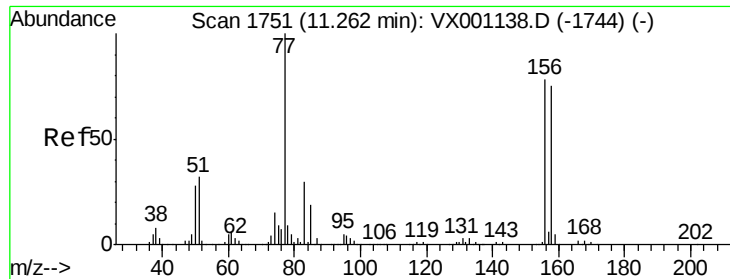
77 31.5 18.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.58 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-180423MS

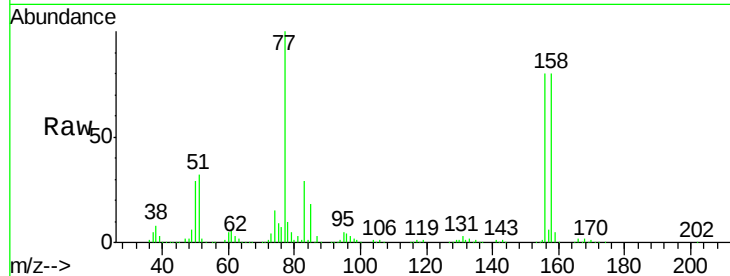
Tgt Ion:156 Resp: 167471

Ion Ratio Lower Upper

156 100

77 131.9 67.8 203.2

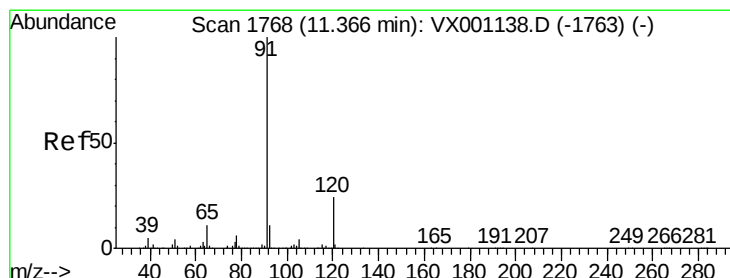
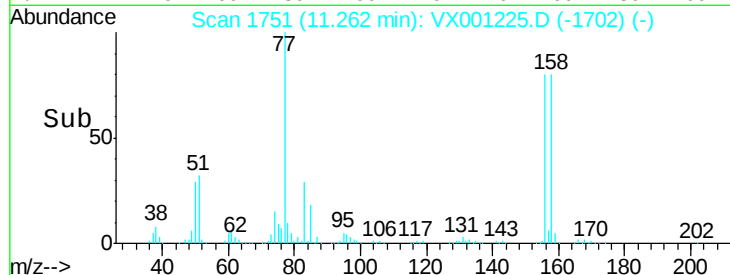
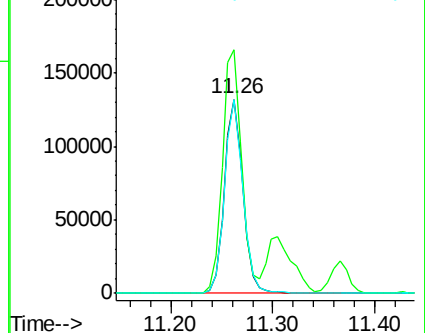
158 99.0 48.9 146.7



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: 49.04 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001225.D

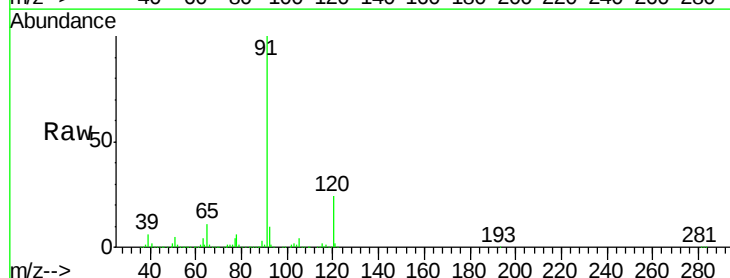
Acq: 28 Apr 2018 20:13

Tgt Ion: 91 Resp: 635767

Ion Ratio Lower Upper

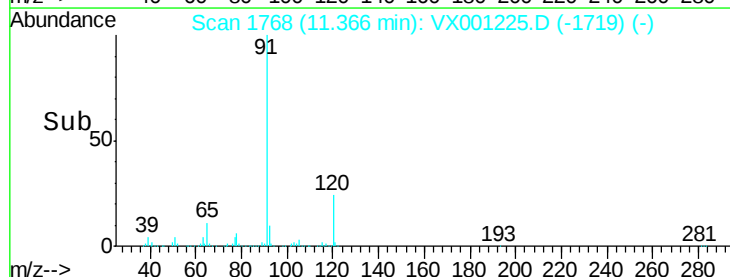
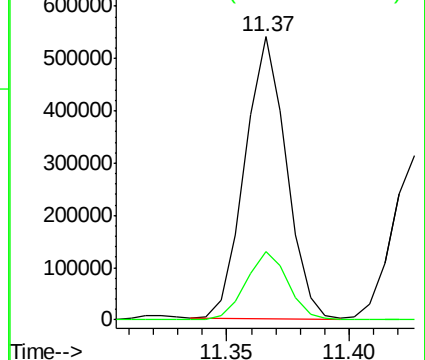
91 100

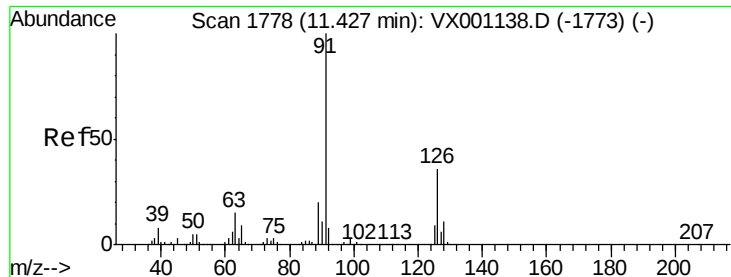
120 24.5 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.32 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

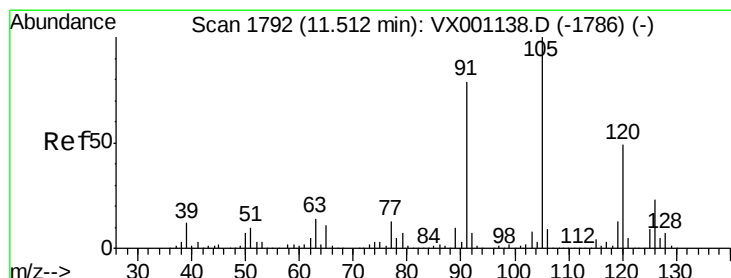
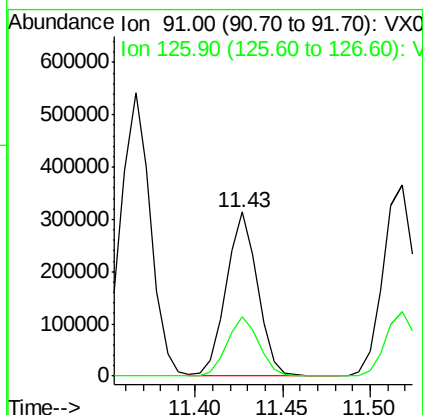
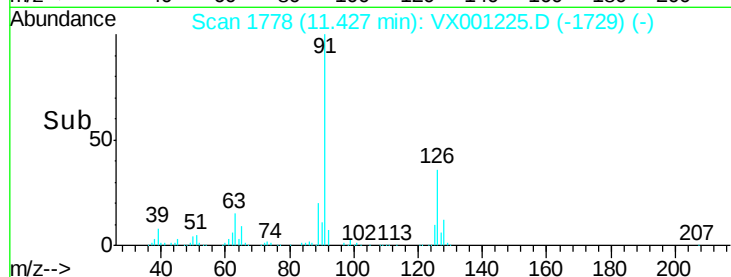
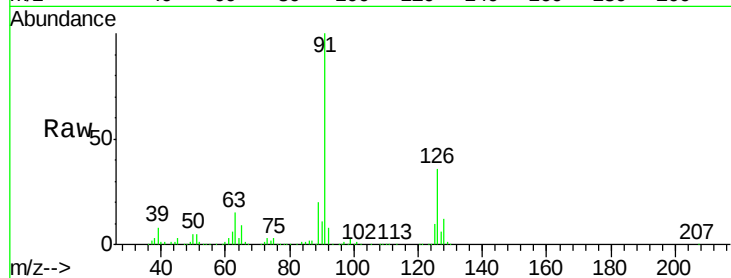
WP022MW102-180423MS

Tgt Ion: 91 Resp: 388319

Ion Ratio Lower Upper

91 100

126 36.8 18.2 54.6



#80

1,3,5-Trimethylbenzene

Concen: 42.69 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001225.D

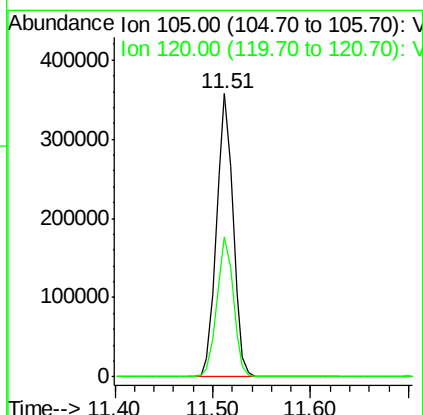
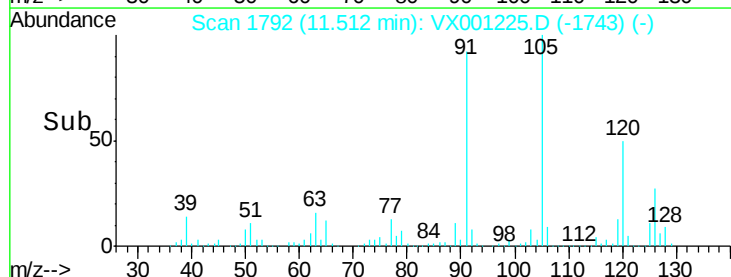
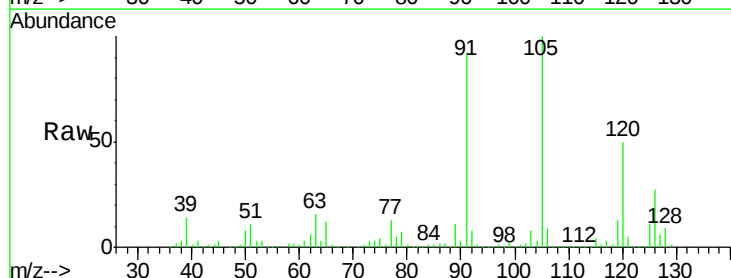
Acq: 28 Apr 2018 20:13

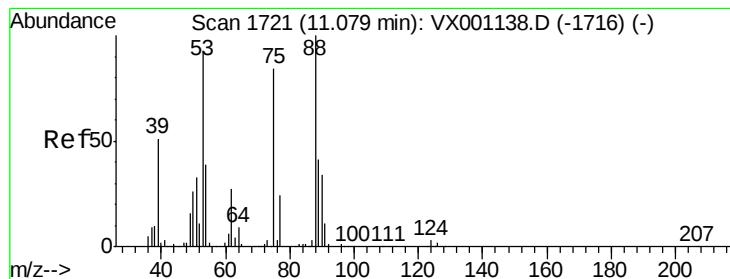
Tgt Ion: 105 Resp: 420199

Ion Ratio Lower Upper

105 100

120 49.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 32.80 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-180423MS

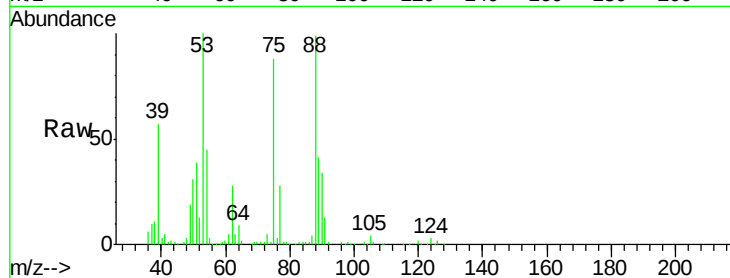
Tgt Ion: 75 Resp: 35211

Ion Ratio Lower Upper

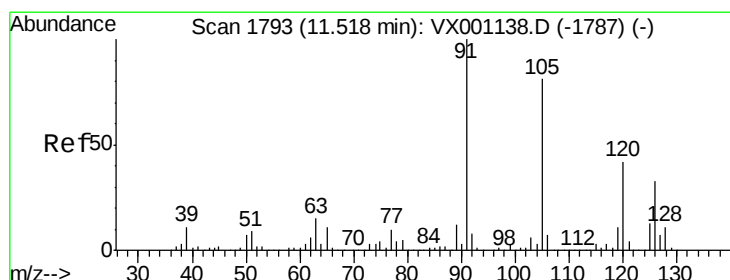
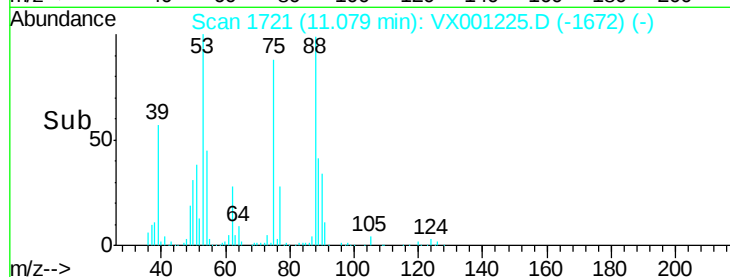
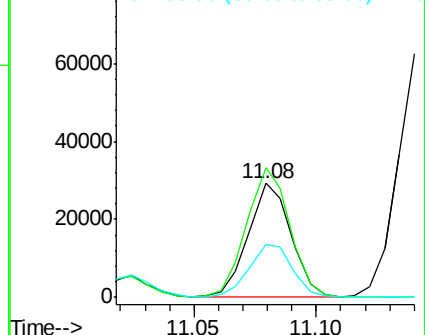
75 100

53 117.4 87.9 131.9

89 47.7 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: 48.64 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001225.D

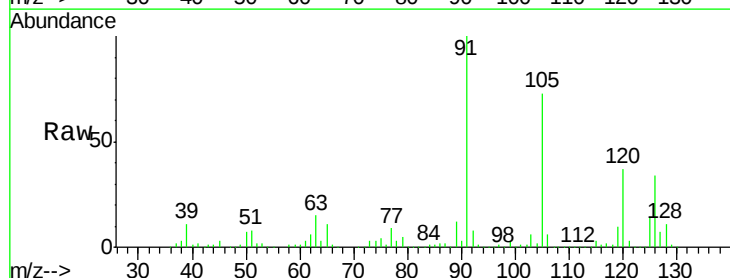
Acq: 28 Apr 2018 20:13

Tgt Ion: 91 Resp: 464568

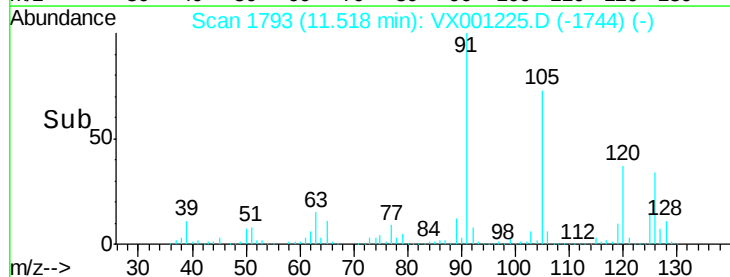
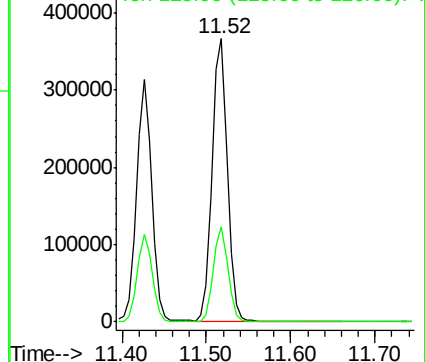
Ion Ratio Lower Upper

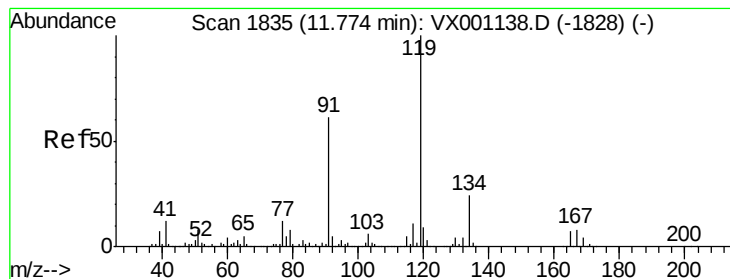
91 100

126 32.5 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: 50.12 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-180423MS

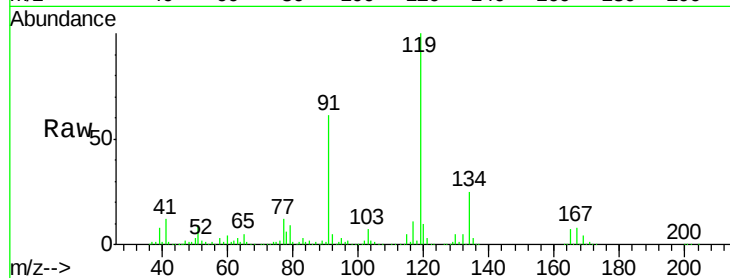
Tgt Ion:119 Resp: 492306

Ion Ratio Lower Upper

119 100

91 55.5 27.6 82.8

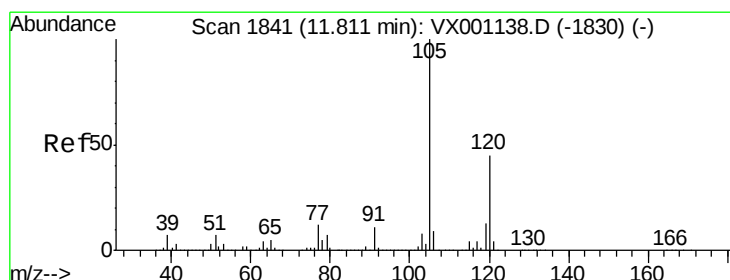
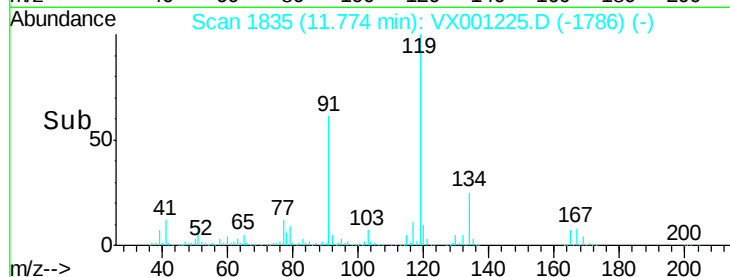
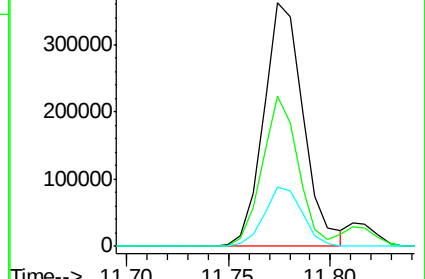
134 23.5 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 33.73 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX001225.D

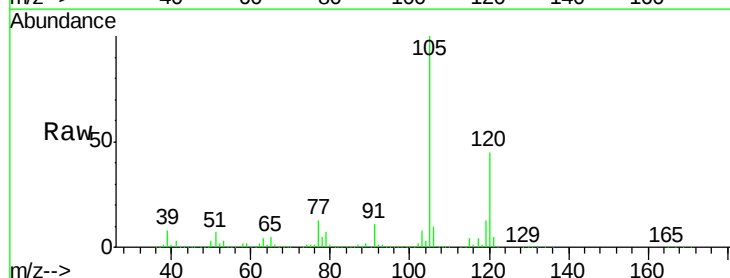
Acq: 28 Apr 2018 20:13

Tgt Ion:105 Resp: 341206

Ion Ratio Lower Upper

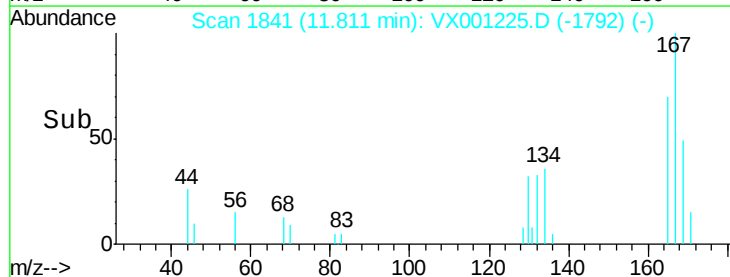
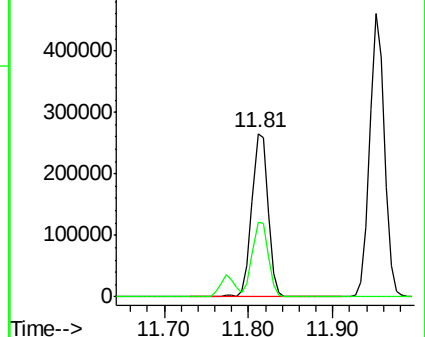
105 100

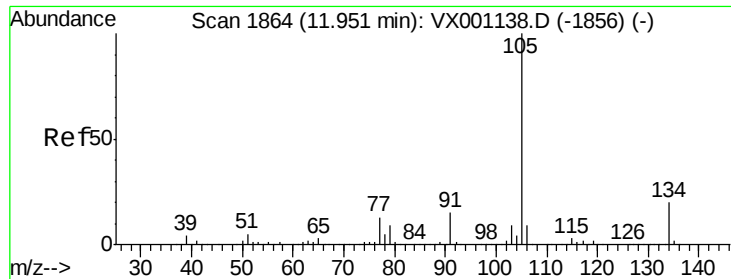
120 45.0 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

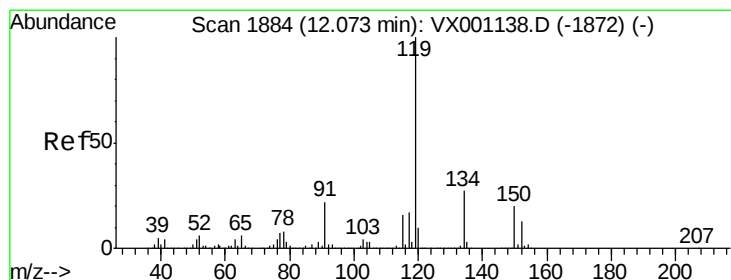
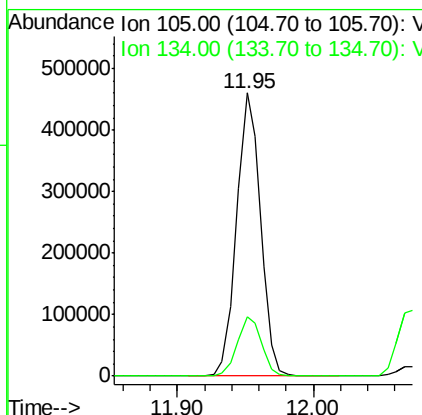
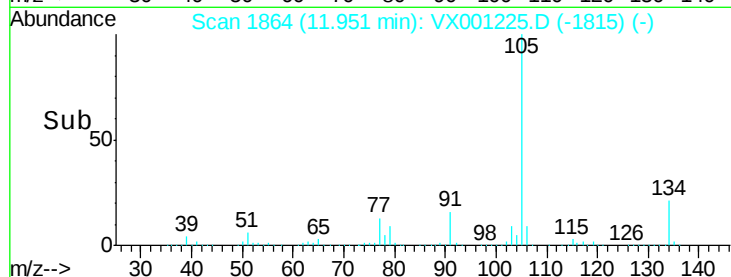
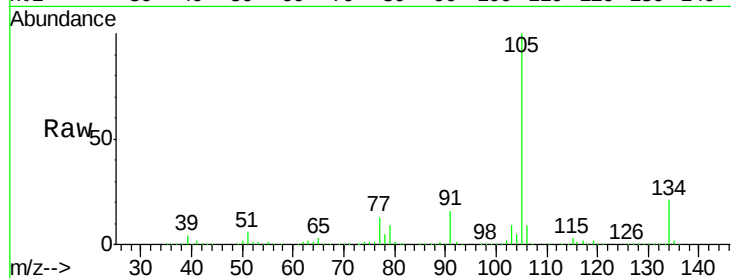




#85
 sec-Butylbenzene
 Concen: 48.99 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001225.D
 Acq: 28 Apr 2018 20:13

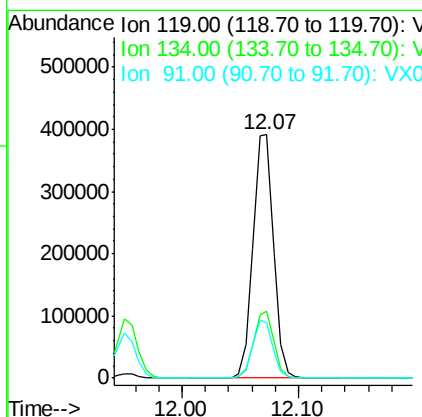
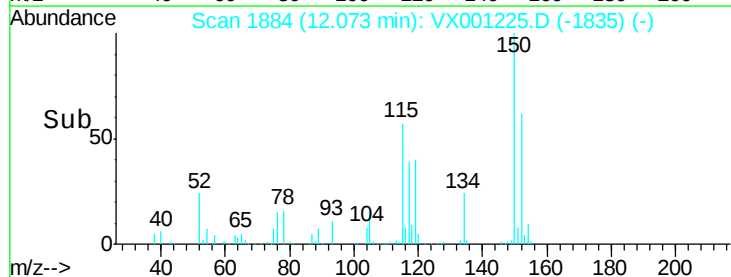
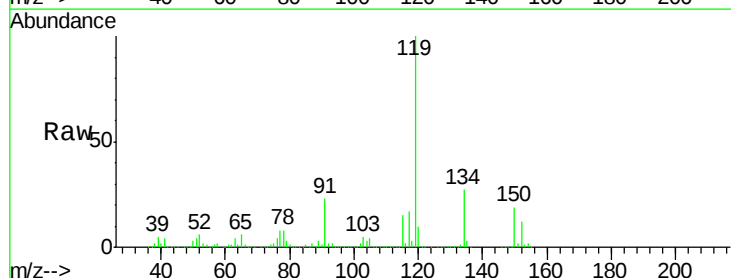
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW102-180423MS

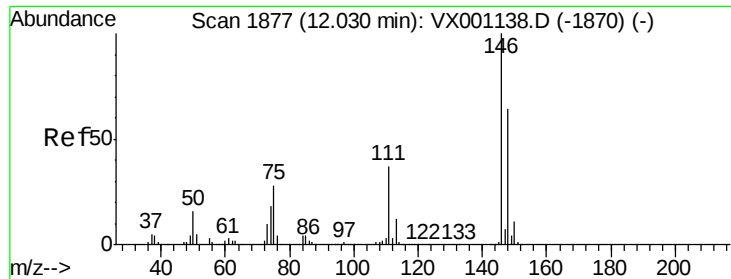
Tgt Ion:105 Resp: 562126
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 45.27 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX001225.D
 Acq: 28 Apr 2018 20:13

Tgt Ion:119 Resp: 483218
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 23.2 11.6 34.8

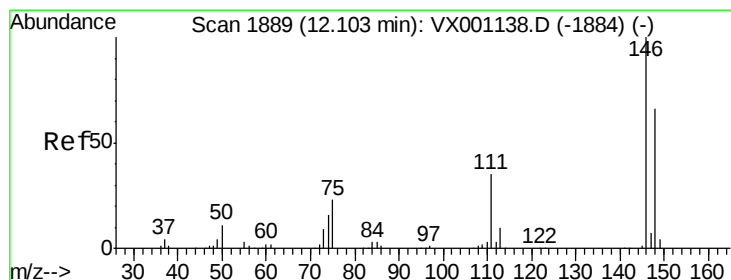
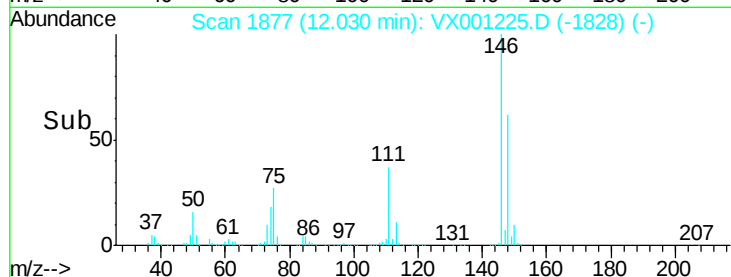
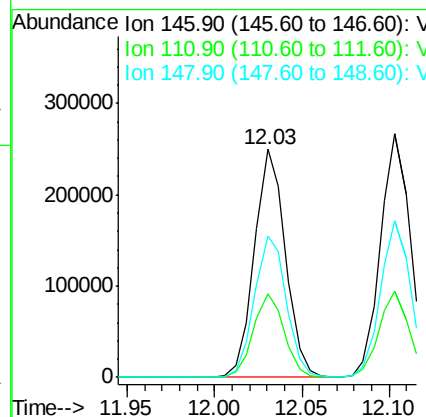
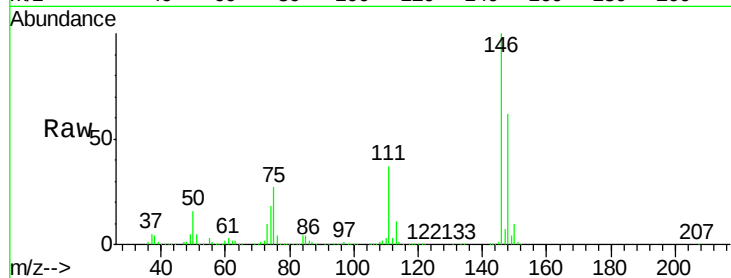




#87
 1,3-Dichlorobenzene
 Concen: 49.89 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001225.D
 Acq: 28 Apr 2018 20:13

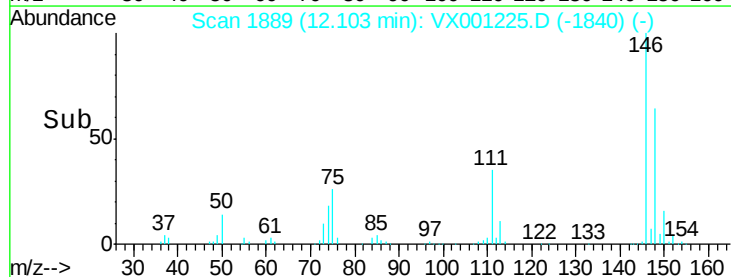
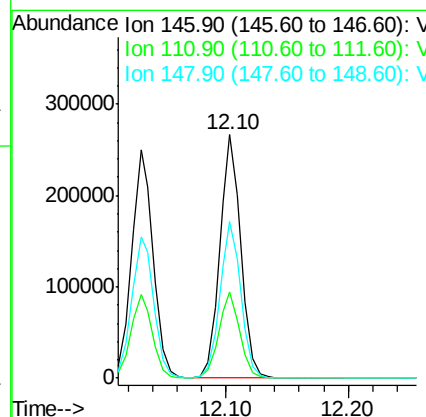
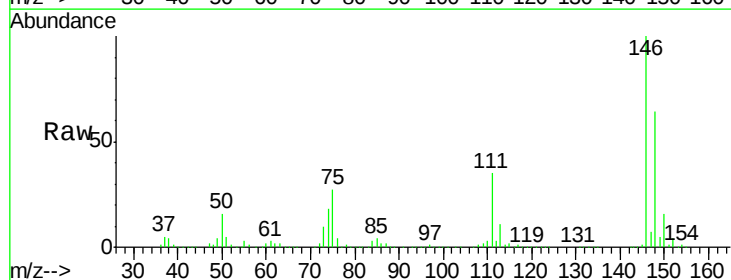
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW102-180423MS

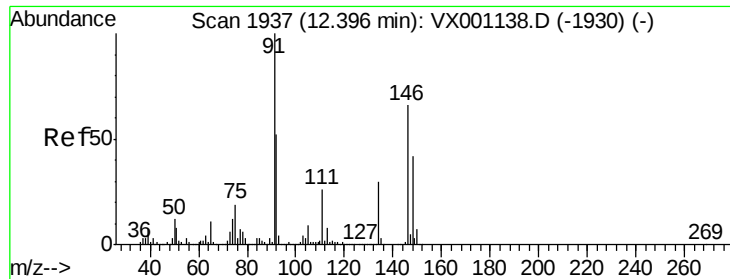
Tgt Ion:146 Resp: 308795
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.6 56.0
 148 63.5 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 49.36 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001225.D
 Acq: 28 Apr 2018 20:13

Tgt Ion:146 Resp: 318287
 Ion Ratio Lower Upper
 146 100
 111 35.6 18.0 54.0
 148 64.3 32.5 97.5





#89

n-Butylbenzene

Concen: 48.26 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-180423MS

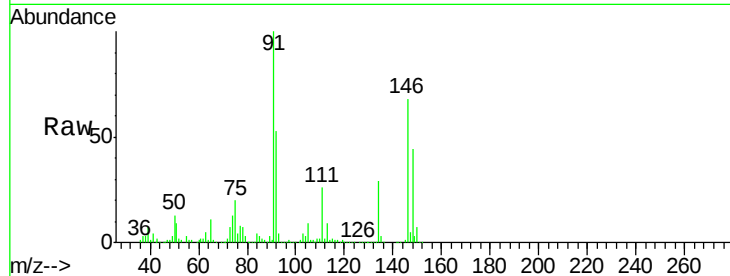
Tgt Ion: 91 Resp: 445814

Ion Ratio Lower Upper

91 100

92 52.3 26.2 78.6

134 27.9 14.1 42.3

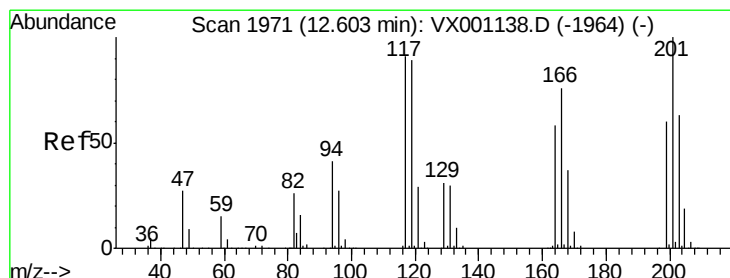
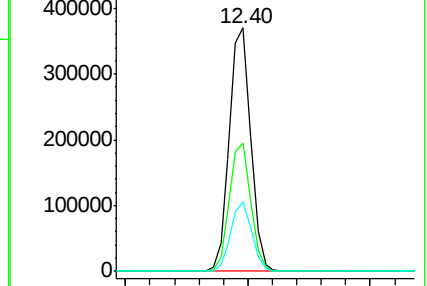
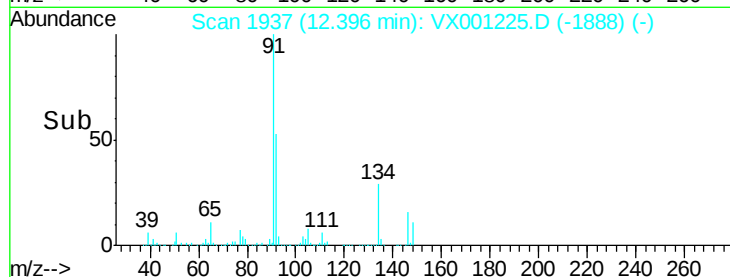


Abundance Ion 91.00 (90.70 to 91.70): VX001138.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX001138.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX001138.D (-1930) (-)

Time--> 12.30 12.40 12.50



#90

Hexachloroethane

Concen: 46.57 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001225.D

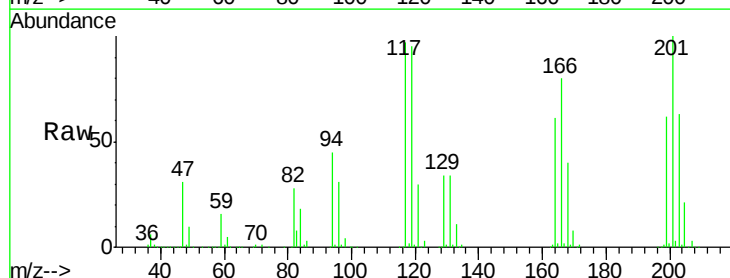
Acq: 28 Apr 2018 20:13

Tgt Ion: 117 Resp: 79786

Ion Ratio Lower Upper

117 100

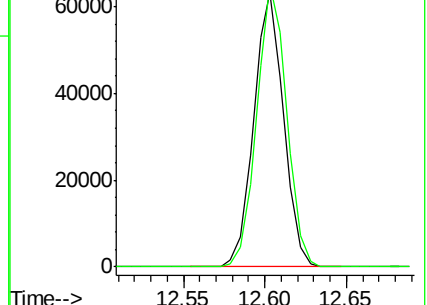
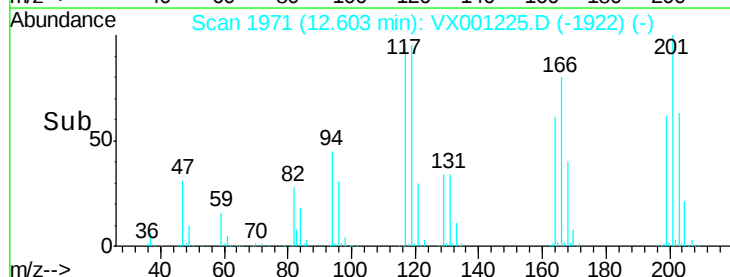
201 103.2 51.8 155.4

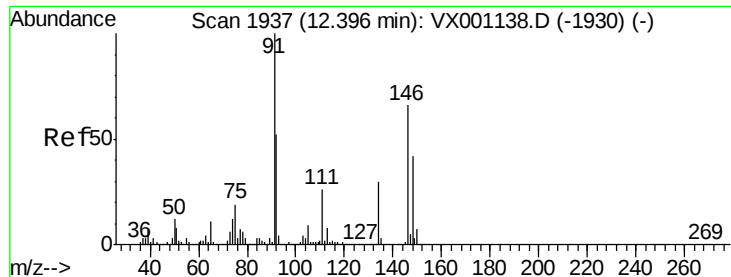


Abundance Ion 116.80 (116.50 to 117.50): VX001138.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX001138.D (-1964) (-)

Time--> 12.55 12.60 12.65





#91

1,2-Dichlorobenzene

Concen: 50.37 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-180423MS

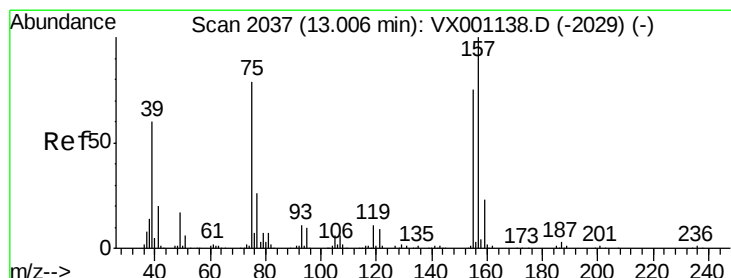
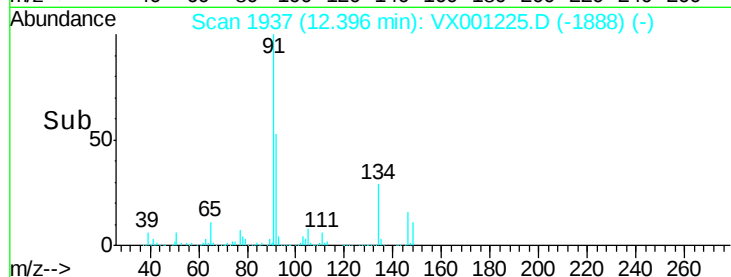
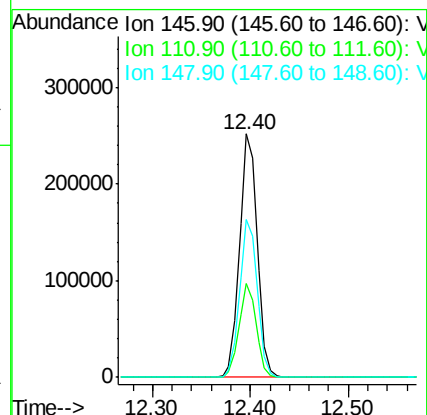
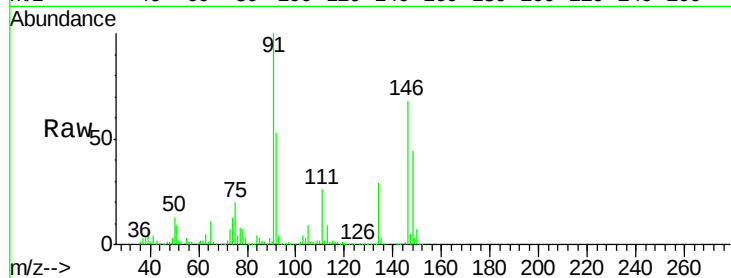
Tgt Ion:146 Resp: 315091

Ion Ratio Lower Upper

146 100

111 37.6 19.1 57.3

148 64.9 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.68 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

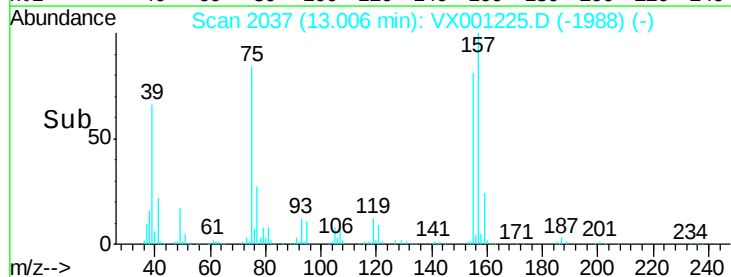
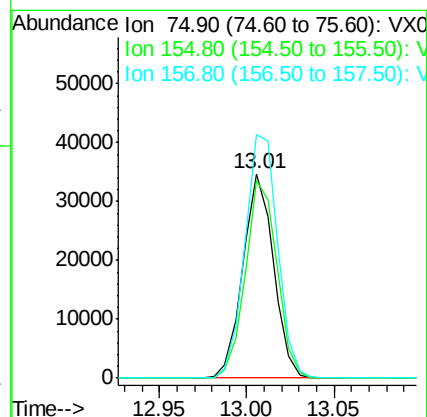
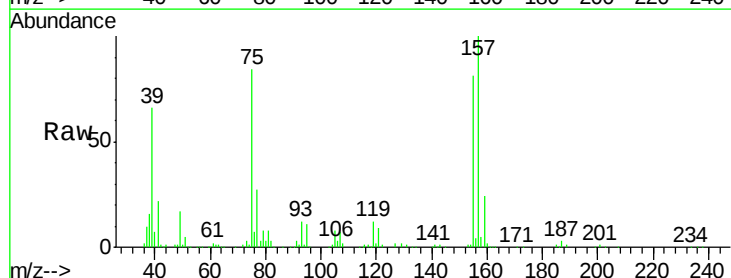
Tgt Ion: 75 Resp: 42286

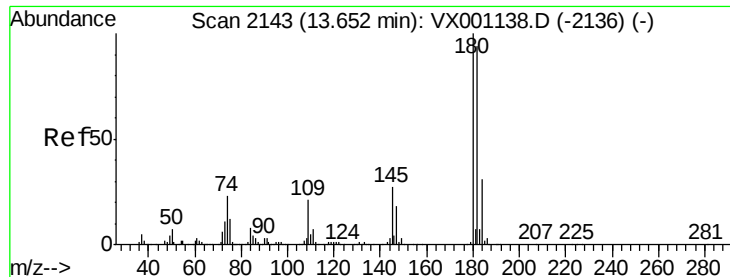
Ion Ratio Lower Upper

75 100

155 99.5 48.4 145.3

157 127.2 62.7 188.1

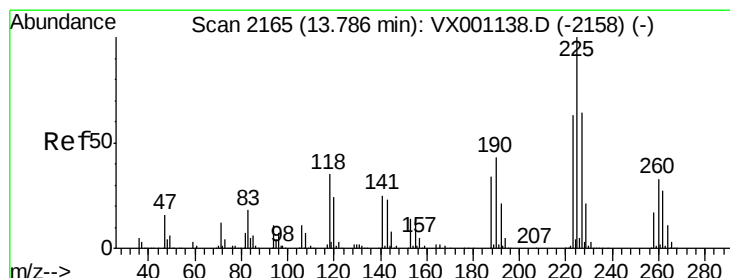
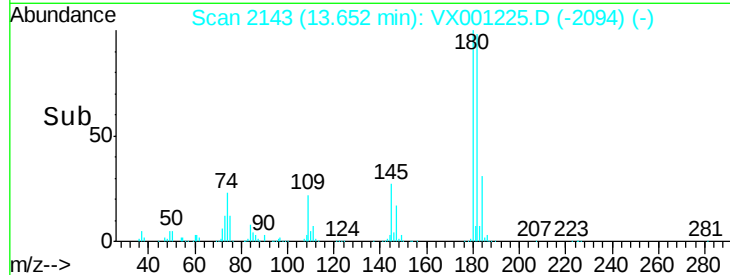
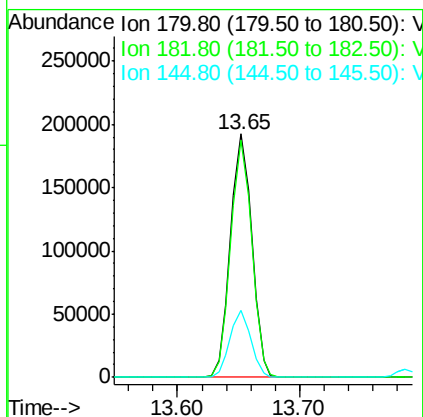
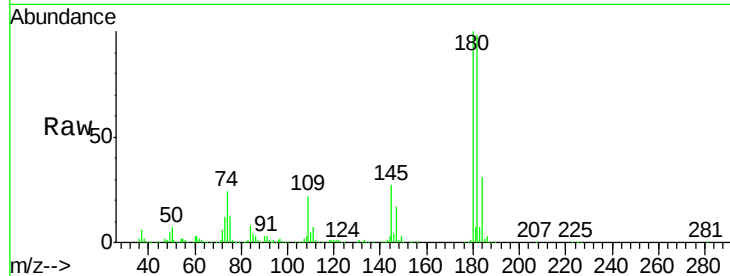




#93
 1,2,4-Trichlorobenzene
 Concen: 47.47 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001225.D
 Acq: 28 Apr 2018 20:13

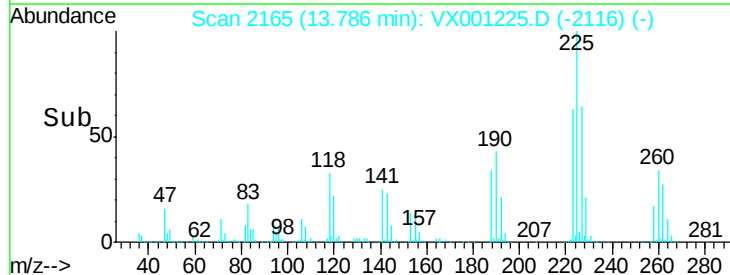
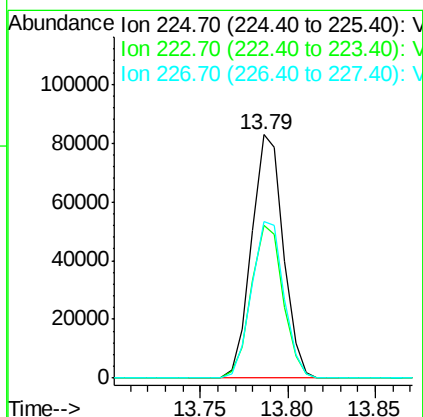
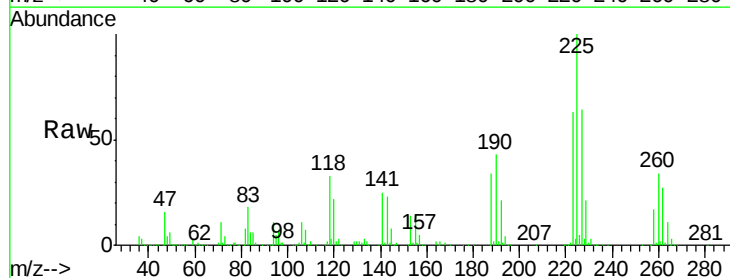
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW102-180423MS

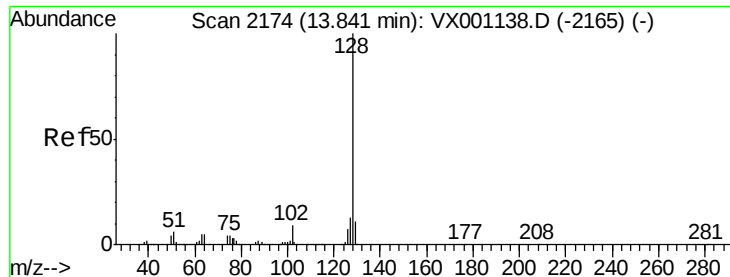
Tgt Ion:180 Resp: 232771
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.9 143.6
 145 26.9 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 45.28 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001225.D
 Acq: 28 Apr 2018 20:13

Tgt Ion:225 Resp: 104375
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.3 93.9
 227 65.4 32.2 96.6





#95

Naphthalene

Concen: 46.67 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-180423MS

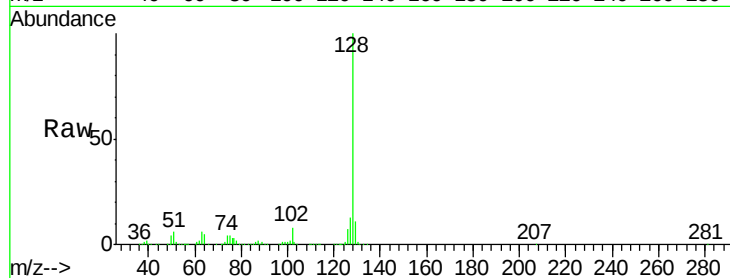
Tgt Ion:128 Resp: 637637

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

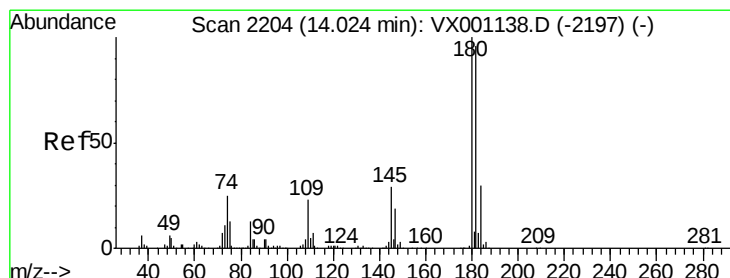
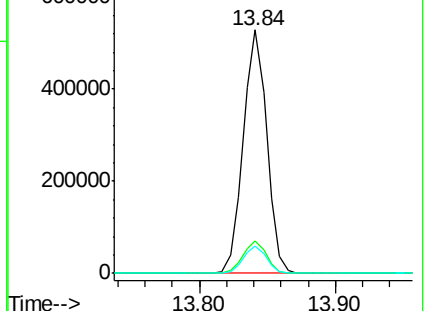
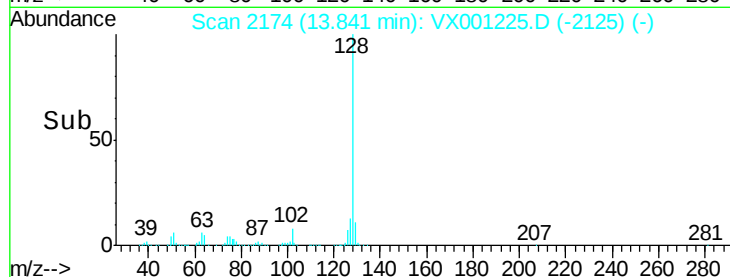
129 11.1 8.8 13.2



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: 48.37 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

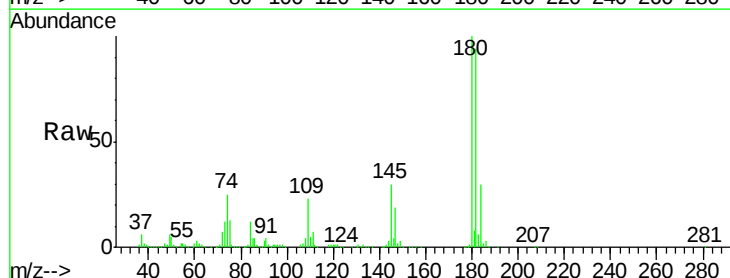
Tgt Ion:180 Resp: 236064

Ion Ratio Lower Upper

180 100

182 95.9 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

