

Data File : VX001251.D

Acq On : 29 Apr 2018 08:08

Operator : JC/MD

Sample : J2600-10MS

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 48 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MS

Quant Time: Apr 30 01:47:10 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	181291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	247611	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	242619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	167654	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	123312	43.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.76%	
35) Dibromofluoromethane	5.51	113	102482	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	8.72	98	385926	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	11.14	95	146153	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	87895	46.23	ug/l	99
3) Chloromethane	1.32	50	88201	44.30	ug/l	99
4) Vinyl Chloride	1.41	62	100677	47.66	ug/l	99
5) Bromomethane	1.64	94	81701	63.85	ug/l	98
6) Chloroethane	1.73	64	65057	48.93	ug/l	98
7) Trichlorofluoromethane	1.93	101	174093	51.03	ug/l	97
8) Diethyl Ether	2.19	74	62850	47.91	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	93495	49.74	ug/l	100
10) Methyl Iodide	2.51	142	86043	44.89	ug/l	98
11) Tert butyl alcohol	3.07	59	113420	204.66	ug/l	99
12) 1,1-Dichloroethene	2.38	96	90115	49.15	ug/l	98
13) Acrolein	2.30	56	39138	186.82	ug/l	97
14) Allyl chloride	2.73	41	157404	47.07	ug/l	97
15) Acrylonitrile	3.15	53	261569	221.03	ug/l	99
16) Acetone	2.45	43	240917	208.47	ug/l	100
17) Carbon Disulfide	2.57	76	216949	46.38	ug/l	99
18) Methyl Acetate	2.78	43	117434	40.61	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	324472	48.08	ug/l	98
20) Methylene Chloride	2.86	84	101551	47.18	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	99802	49.25	ug/l	97
22) Diisopropyl ether	3.88	45	310096	46.34	ug/l	96
23) Vinyl Acetate	3.83	43	1100234	193.81	ug/l	100
24) 1,1-Dichloroethane	3.70	63	166414	47.32	ug/l	98
25) 2-Butanone	4.71	43	350114	202.48	ug/l	100
26) 2,2-Dichloropropane	4.59	77	79024	28.55	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	109426	49.31	ug/l	93
28) Bromochloromethane	5.03	49	79676	50.53	ug/l	95
29) Tetrahydrofuran	5.17	42	231243	208.00	ug/l	99
30) Chloroform	5.23	83	187032	50.01	ug/l	99
31) Cyclohexane	5.59	56	143619	48.07	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	162850	50.44	ug/l	99
36) 1,1-Dichloropropene	5.81	75	135446	49.64	ug/l	99
37) Ethyl Acetate	4.87	43	119987	36.72	ug/l	99
38) Carbon Tetrachloride	5.79	117	145522	52.01	ug/l	99

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Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MS

Quant Time: Apr 30 01:47:10 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	143223	47.43	ug/l	99
40) Benzene	6.15	78	401748	50.90	ug/l	100
41) Methacrylonitrile	5.07	41	82221	44.78	ug/l	98
42) 1,2-Dichloroethane	6.21	62	154929	48.71	ug/l	99
43) Isopropyl Acetate	6.48	43	210914	41.10	ug/l	99
44) Trichloroethene	7.22	130	121885	51.83	ug/l	97
45) 1,2-Dichloropropane	7.53	63	103817	50.01	ug/l	100
46) Dibromomethane	7.67	93	73904	51.41	ug/l	97
47) Bromodichloromethane	7.91	83	137119	52.50	ug/l	99
48) Methyl methacrylate	7.79	41	124942	45.80	ug/l	98
49) 1,4-Dioxane	7.76	88	45571	834.45	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	774110	229.64	ug/l	98
52) Toluene	8.79	92	267493	51.82	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	145793	48.01	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	137841	42.34	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	110094	50.41	ug/l	98
56) Ethyl methacrylate	9.19	69	157658	48.73	ug/l	98
57) 1,3-Dichloropropane	9.38	76	177940	50.37	ug/l	99
59) 2-Hexanone	9.51	43	587624	222.48	ug/l	100
60) Dibromochloromethane	9.59	129	120370	47.37	ug/l	100
61) 1,2-Dibromoethane	9.68	107	118242	51.68	ug/l	100
64) Tetrachloroethene	9.34	164	135916	52.48	ug/l	98
65) Chlorobenzene	10.15	112	317297	49.92	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	116975	53.19	ug/l	99
67) Ethyl Benzene	10.26	91	522253	50.57	ug/l	99
68) m/p-Xylenes	10.37	106	417036	102.14	ug/l	100
69) o-Xylene	10.70	106	202498	51.13	ug/l	99
70) Styrene	10.72	104	335478	50.90	ug/l	100
71) Bromoform	10.86	173	97817	43.05	ug/l	99
73) Isopropylbenzene	11.02	105	538795	49.31	ug/l	100
74) N-amyl acetate	6.48	43	210914	38.30	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	167525	46.21	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	176994	51.85	ug/l	89
77) Bromobenzene	11.26	156	160660	49.58	ug/l	98
78) n-propylbenzene	11.37	91	598339	49.10	ug/l	99
79) 2-Chlorotoluene	11.43	91	371227	49.15	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	459342	49.65	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	33147	32.84	ug/l	95
82) 4-Chlorotoluene	11.52	91	441822	49.21	ug/l	99
83) tert-Butylbenzene	11.77	119	462194	50.06	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	478537	50.32	ug/l	99
85) sec-Butylbenzene	11.95	105	531602	49.29	ug/l	99
86) p-Isopropyltoluene	12.07	119	495855	49.42	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	287179	49.36	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	295195	48.70	ug/l	99
89) n-Butylbenzene	12.40	91	406213	46.78	ug/l	99
90) Hexachloroethane	12.60	117	72902	45.36	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	291698	49.61	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	34516	43.14	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	214439	46.52	ug/l	99

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

Data File : VX001251.D
Acq On : 29 Apr 2018 08:08
Operator : JC/MD
Sample : J2600-10MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW24S-20180424MS

Quant Time: Apr 30 01:47:10 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

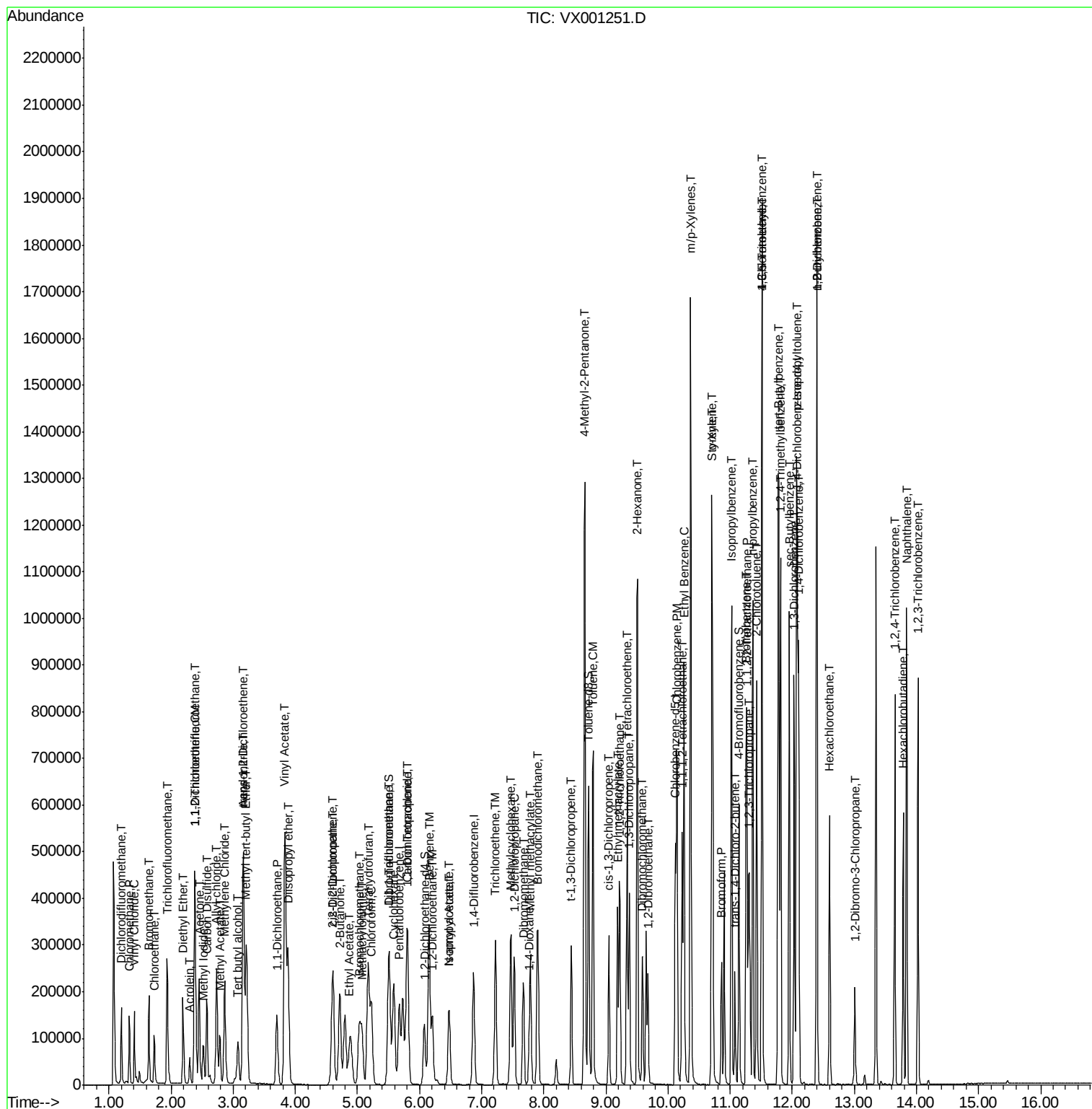
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	93473	43.14	ug/l	100
95) Naphthalene	13.84	128	609548	47.46	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	216999	47.31	ug/l	99

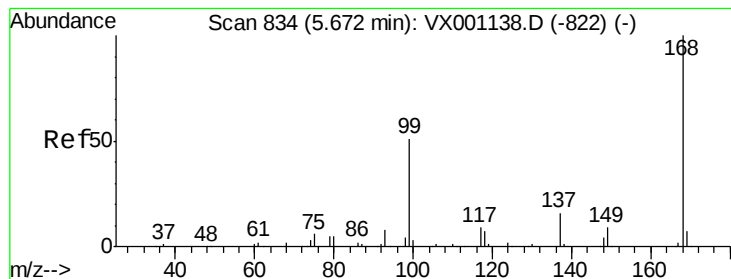
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial      : 48      Sample Multiplier: 1
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BP-HN-MW24S-20180424MS

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: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

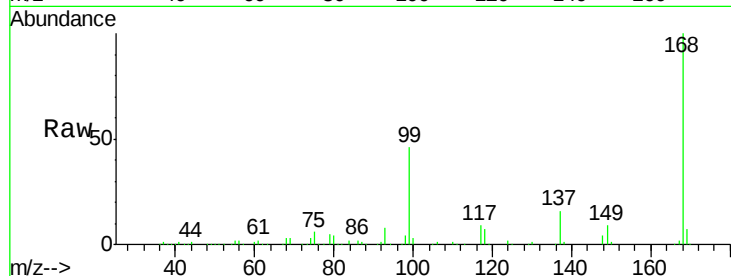
BP-HN-MW24S-20180424MS

Tgt Ion:168 Resp: 181291

Ion Ratio Lower Upper

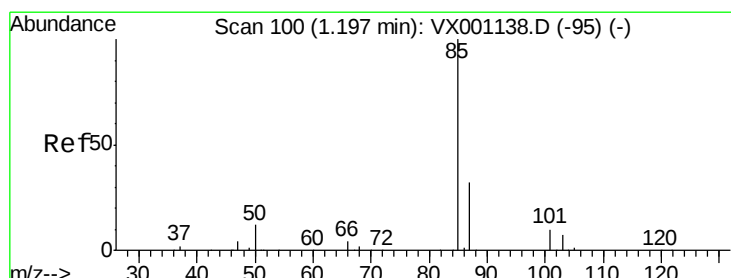
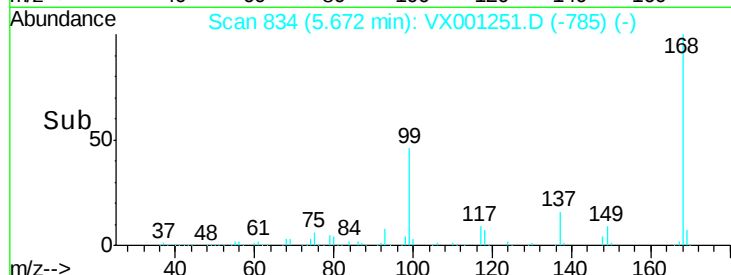
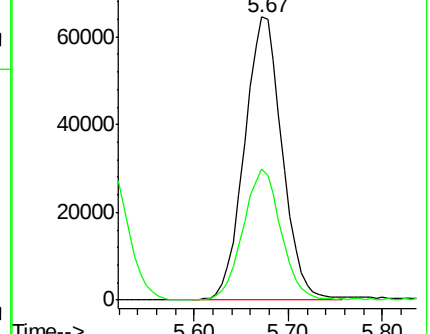
168 100

99 46.1 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.23 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001251.D

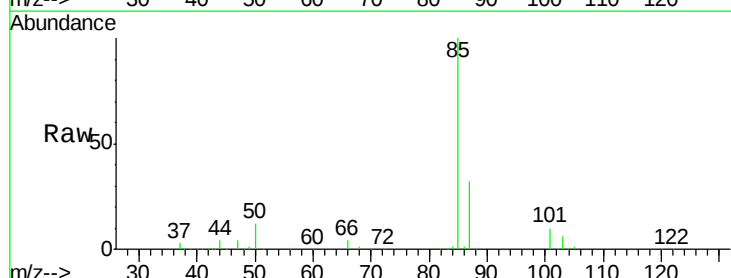
Acq: 29 Apr 2018 08:08

Tgt Ion: 85 Resp: 87895

Ion Ratio Lower Upper

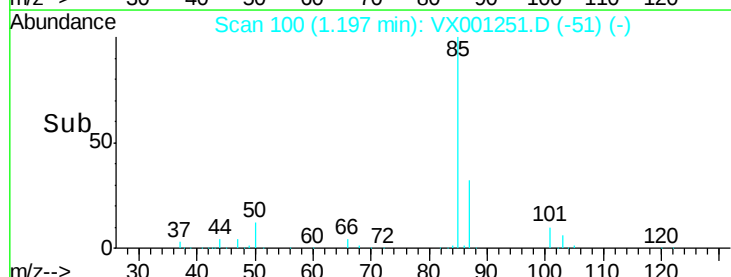
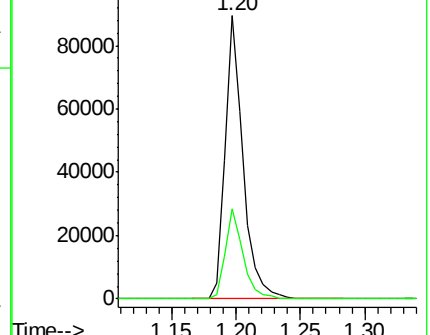
85 100

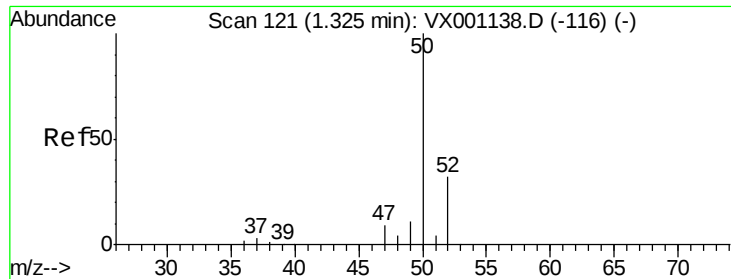
87 32.1 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

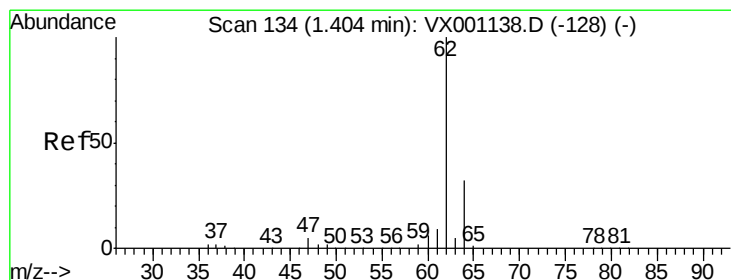
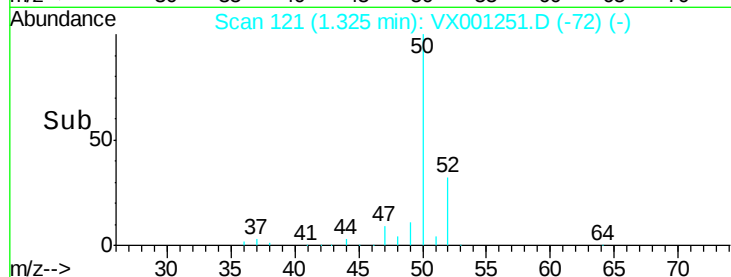
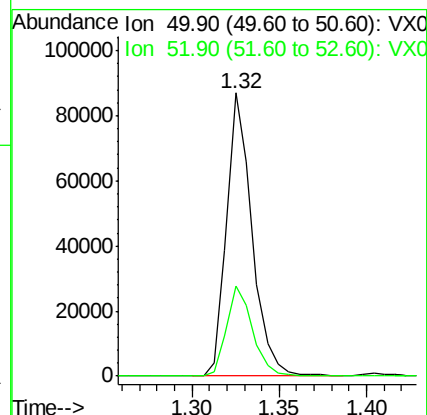
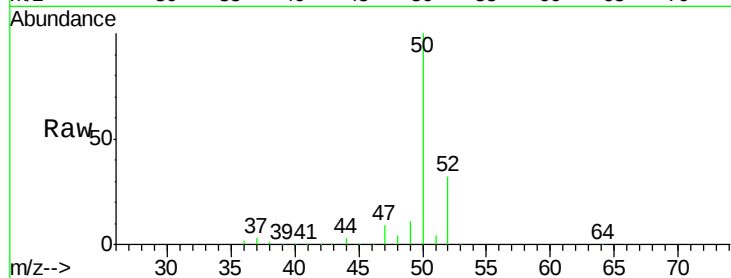




#3
Chloromethane
Concen: 44.30 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

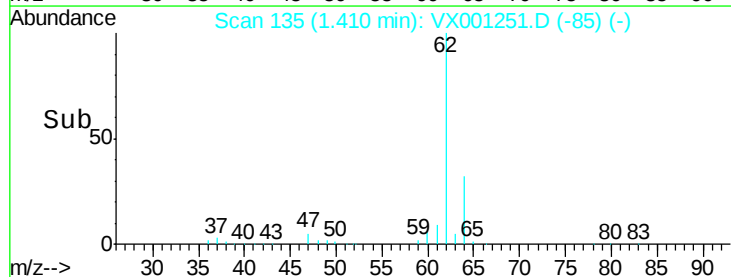
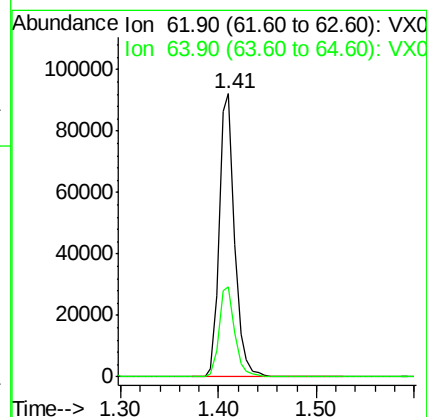
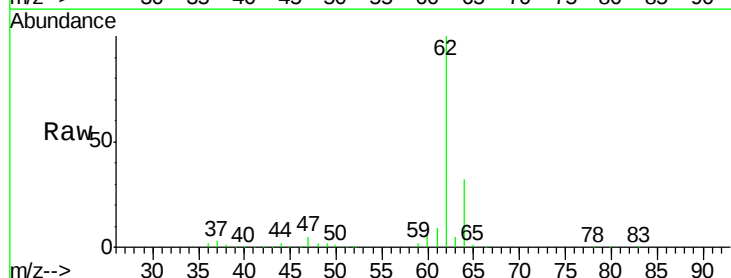
Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW24S-20180424MS

Tgt Ion: 50 Resp: 88201
Ion Ratio Lower Upper
50 100
52 32.0 25.9 38.9



#4
Vinyl Chloride
Concen: 47.66 ug/l
RT: 1.41 min Scan# 135
Delta R.T. 0.01 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Tgt Ion: 62 Resp: 100677
Ion Ratio Lower Upper
62 100
64 31.7 25.6 38.4





#5

Bromomethane

Concen: 63.85 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

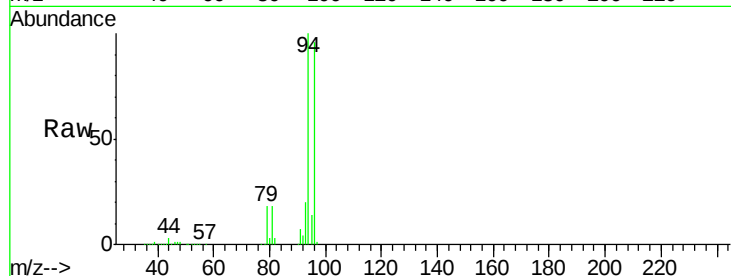
BP-HN-MW24S-20180424MS

Tgt Ion: 94 Resp: 81701

Ion Ratio Lower Upper

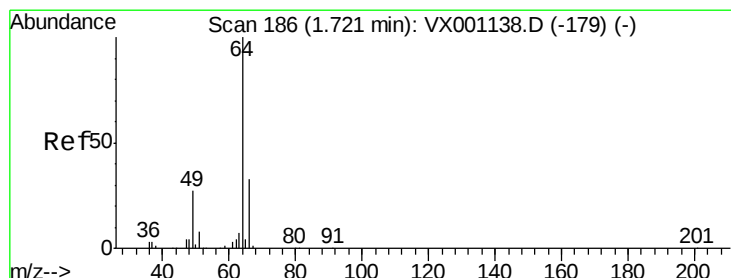
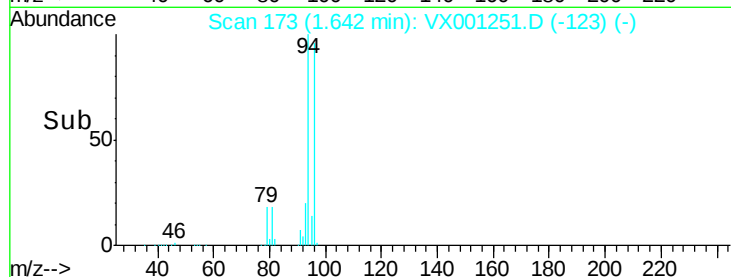
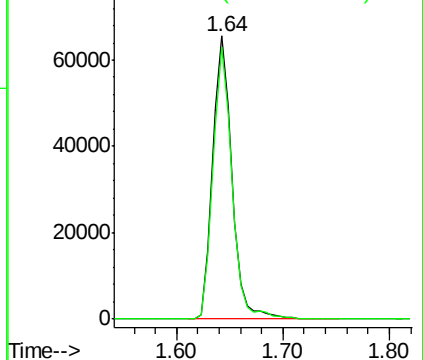
94 100

96 96.0 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: 48.93 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001251.D

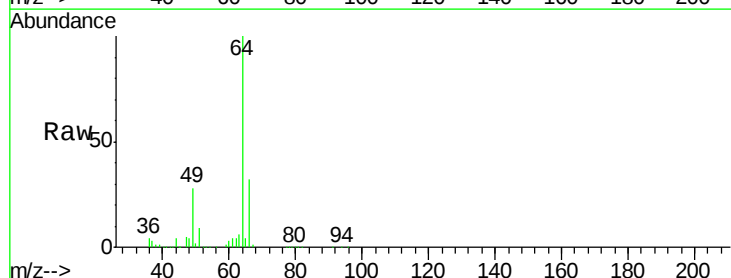
Acq: 29 Apr 2018 08:08

Tgt Ion: 64 Resp: 65057

Ion Ratio Lower Upper

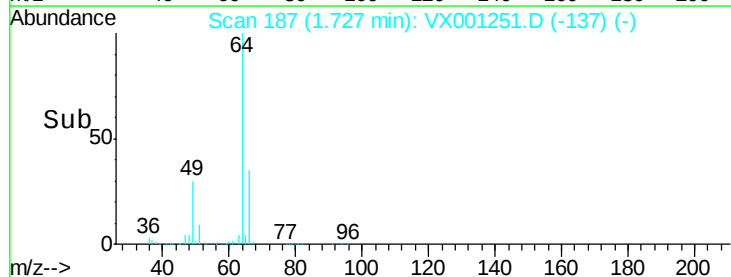
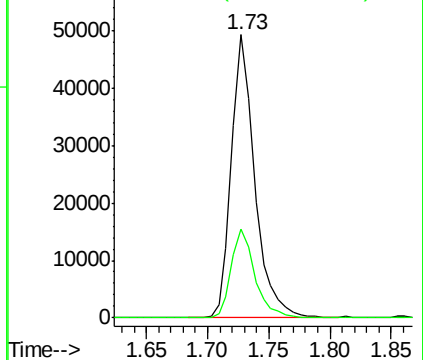
64 100

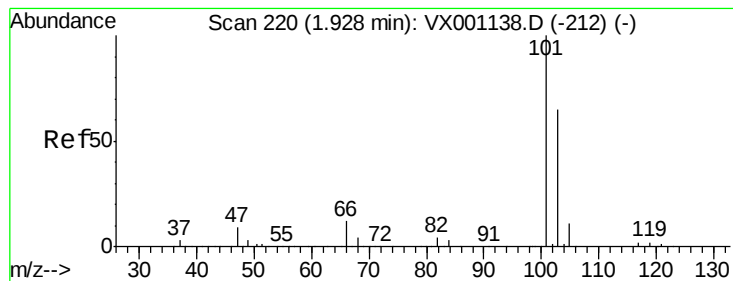
66 31.5 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



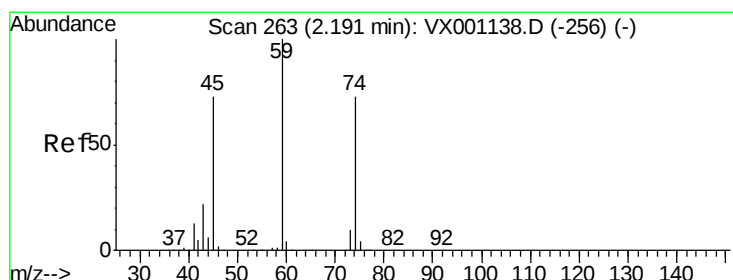
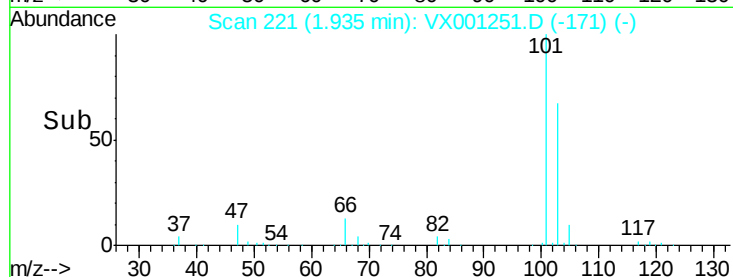
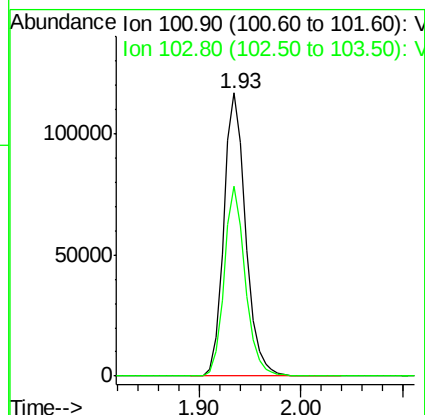
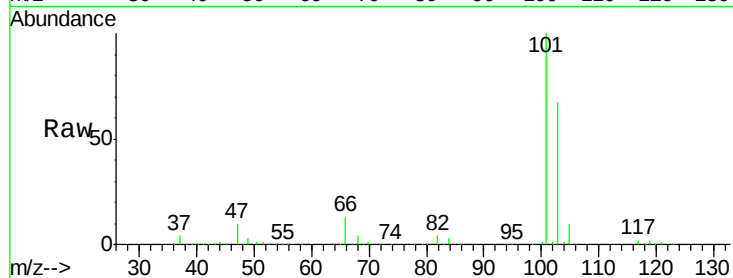


#7

Trichlorofluoromethane
 Concen: 51.03 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-HN-MW24S-20180424MS

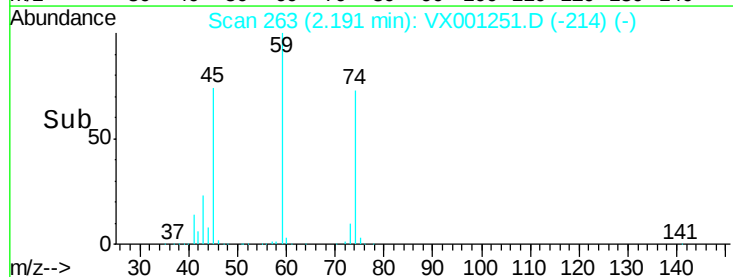
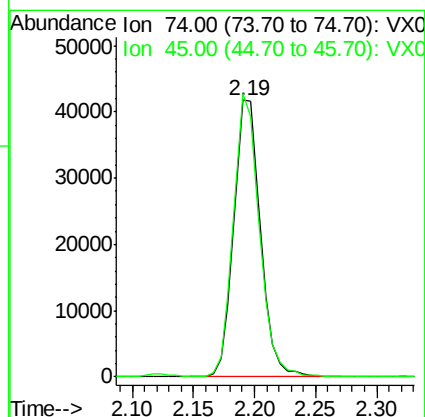
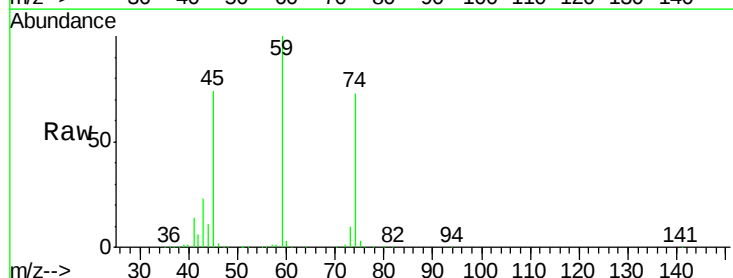
Tgt Ion: 101 Resp: 174093
 Ion Ratio Lower Upper
 101 100
 103 67.0 51.9 77.9

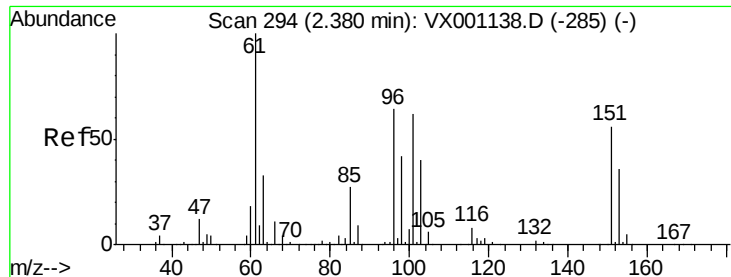


#8

Diethyl Ether
 Concen: 47.91 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Tgt Ion: 74 Resp: 62850
 Ion Ratio Lower Upper
 74 100
 45 99.1 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.74 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MS

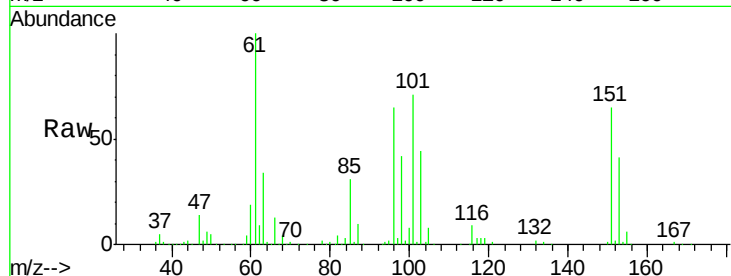
Tgt Ion:101 Resp: 93495

Ion Ratio Lower Upper

101 100

85 44.3 35.4 53.0

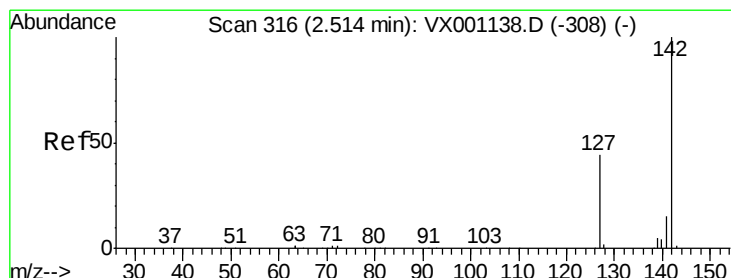
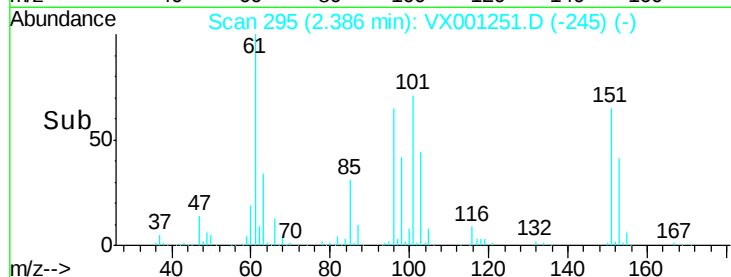
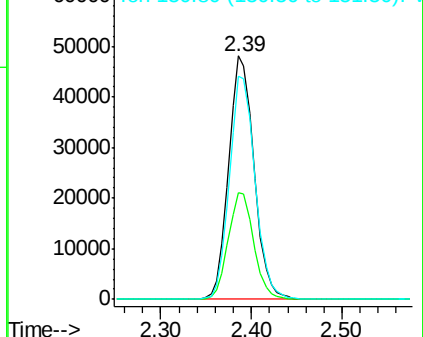
151 92.6 74.2 111.4



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: 44.89 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

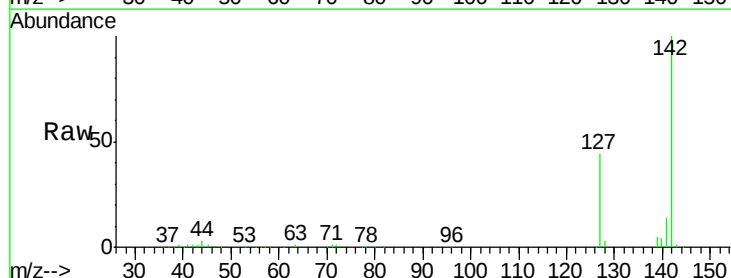
Tgt Ion:142 Resp: 86043

Ion Ratio Lower Upper

142 100

127 44.6 34.7 52.1

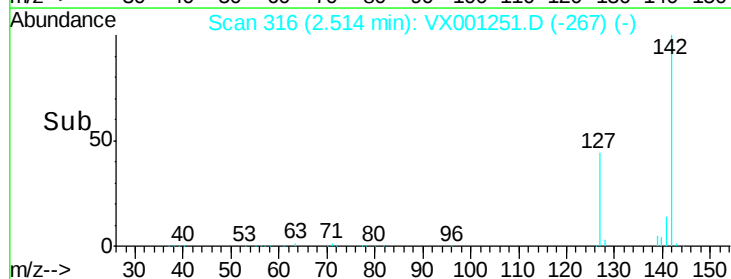
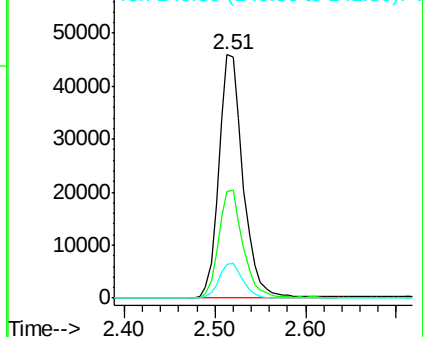
141 14.1 11.6 17.4

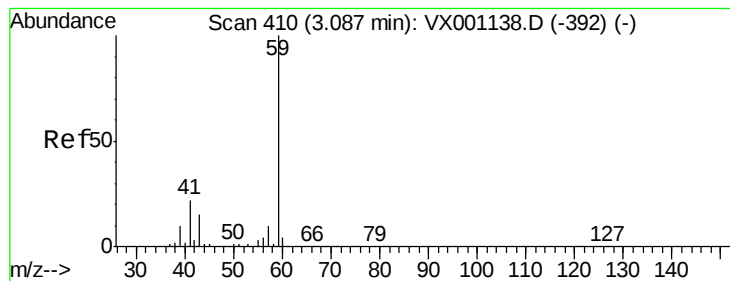


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



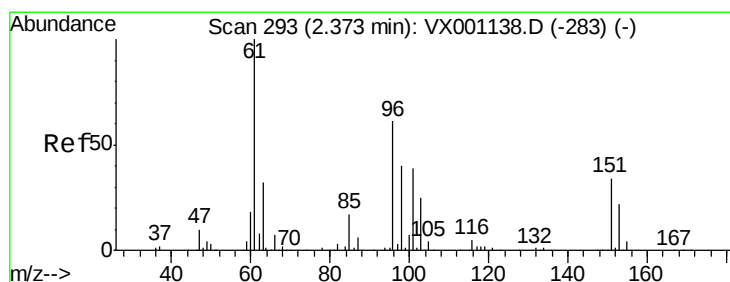
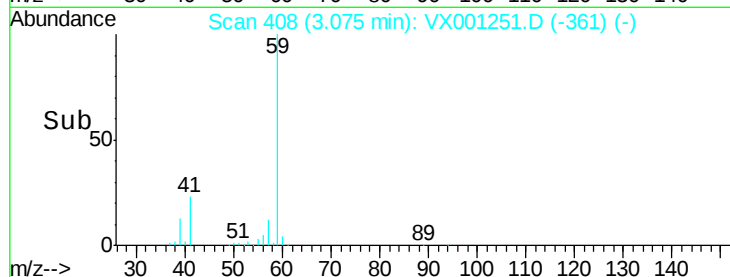
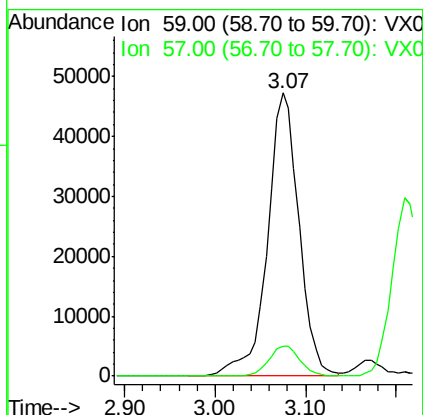
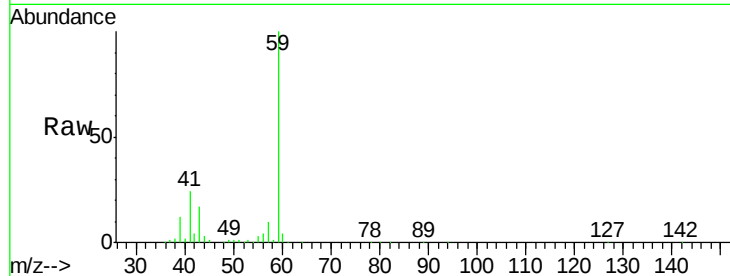


#11

Tert butyl alcohol
 Concen: 204.66 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-HN-MW24S-20180424MS

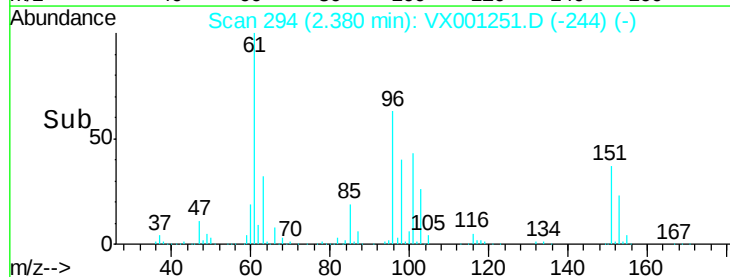
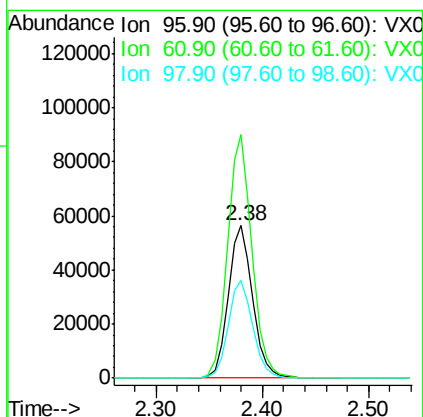
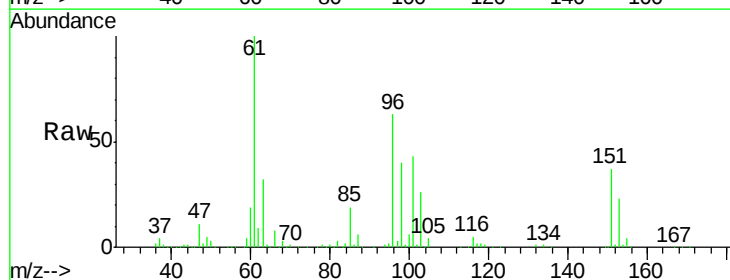
Tgt Ion: 59 Resp: 113420
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.4

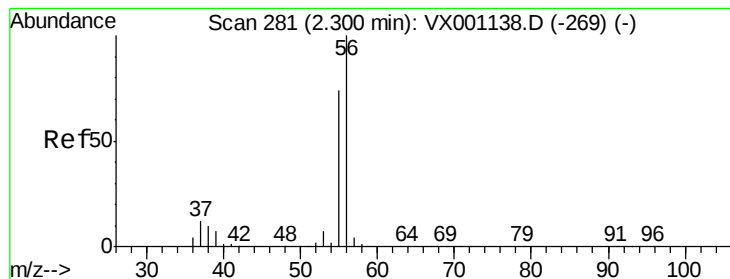


#12

1,1-Dichloroethene
 Concen: 49.15 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Tgt Ion: 96 Resp: 90115
 Ion Ratio Lower Upper
 96 100
 61 159.6 130.2 195.4
 98 63.8 51.5 77.3





#13

Acrolein

Concen: 186.82 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

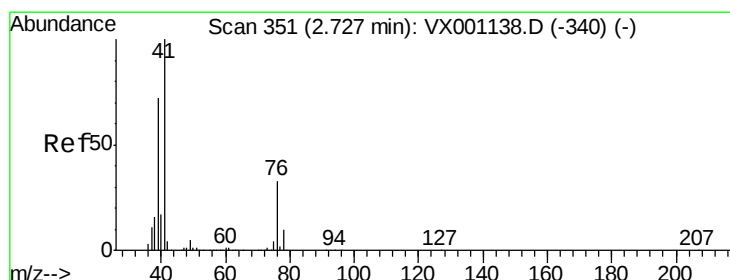
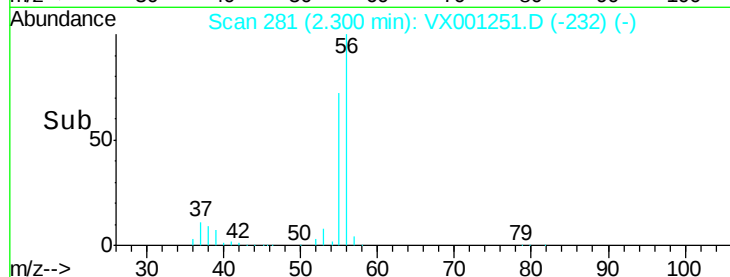
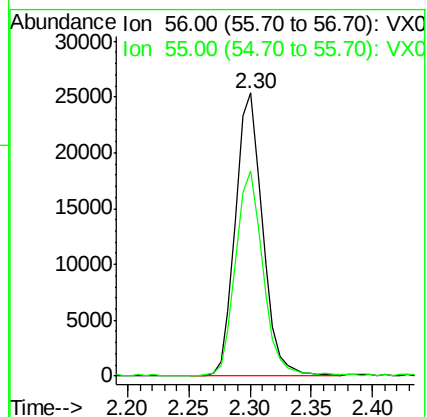
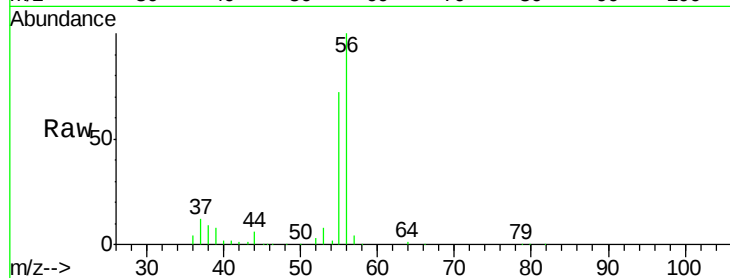
BP-HN-MW24S-20180424MS

Tgt Ion: 56 Resp: 39138

Ion Ratio Lower Upper

56 100

55 73.8 57.2 85.8



#14

Allyl chloride

Concen: 47.07 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

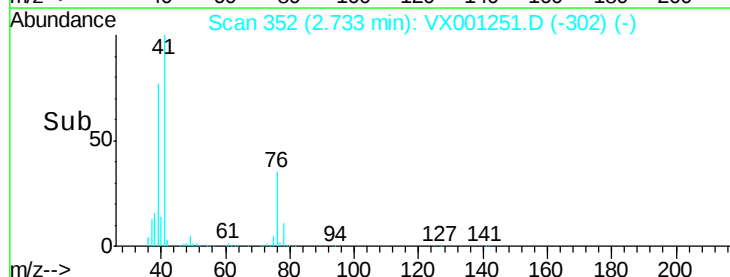
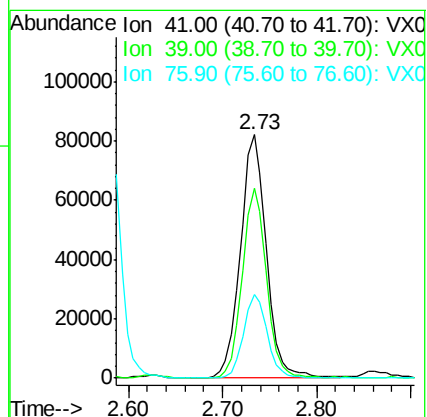
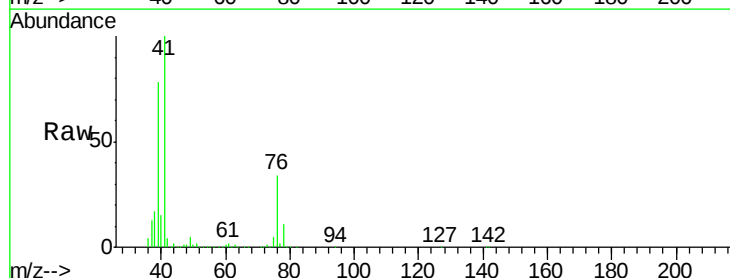
Tgt Ion: 41 Resp: 157404

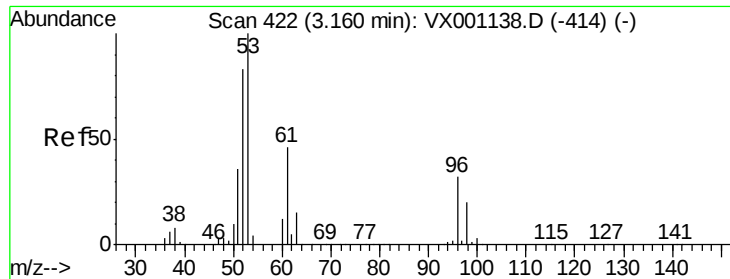
Ion Ratio Lower Upper

41 100

39 72.5 55.6 83.4

76 31.2 24.8 37.2





#15

Acrylonitrile

Concen: 221.03 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MS

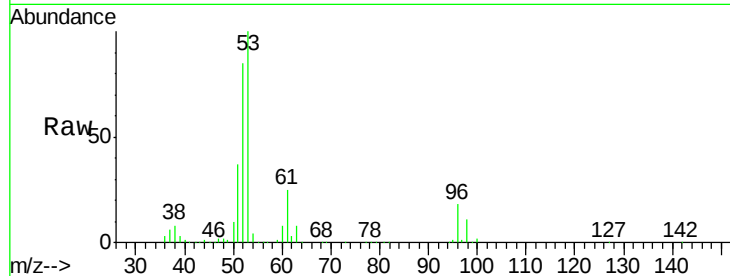
Tgt Ion: 53 Resp: 261569

Ion Ratio Lower Upper

53 100

52 84.2 66.5 99.7

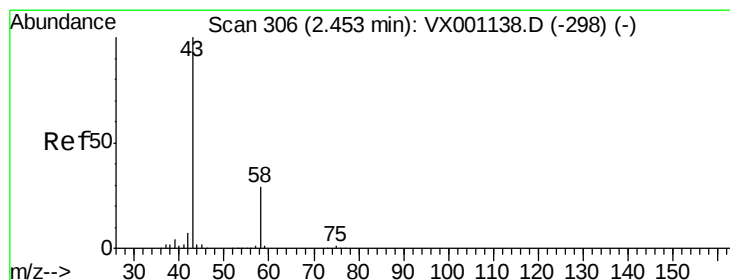
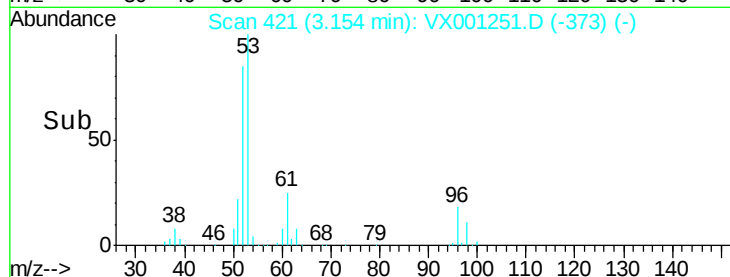
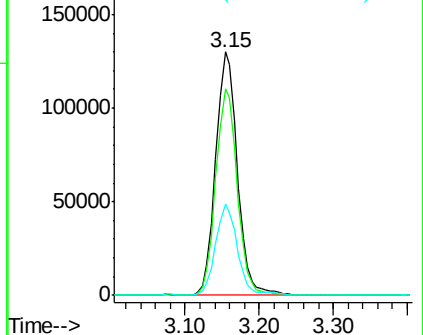
51 37.9 29.5 44.3



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: 208.47 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001251.D

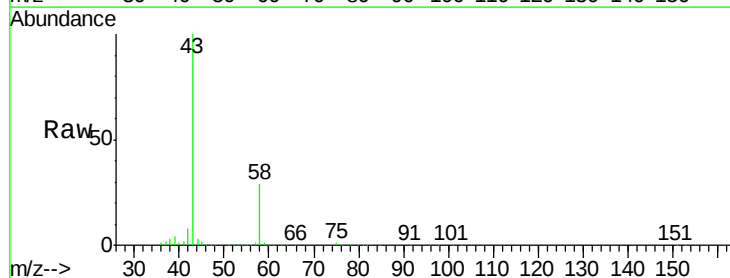
Acq: 29 Apr 2018 08:08

Tgt Ion: 43 Resp: 240917

Ion Ratio Lower Upper

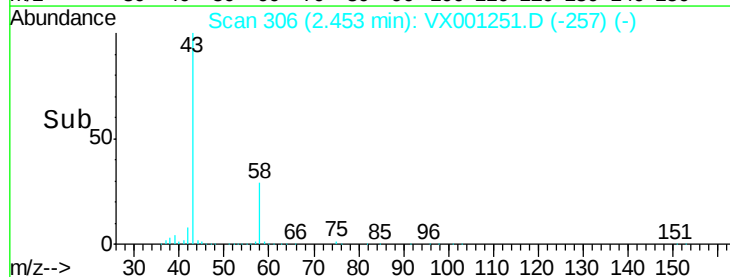
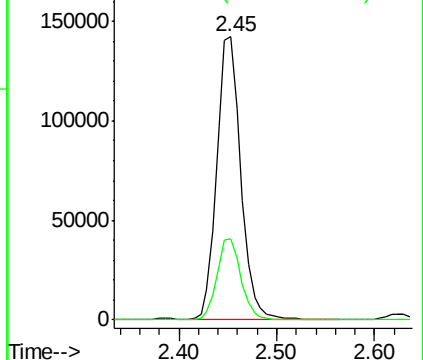
43 100

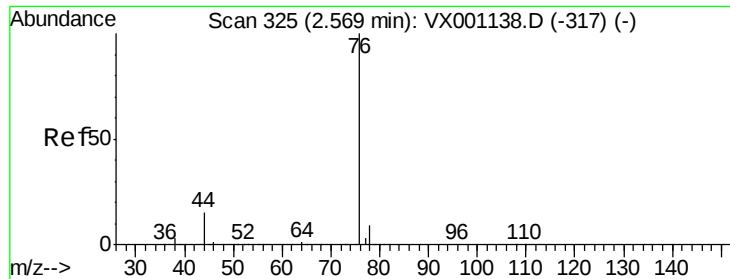
58 28.7 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

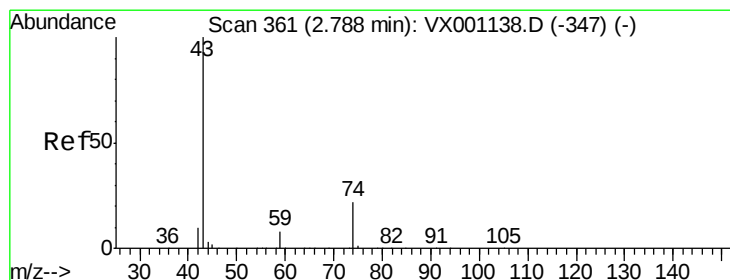
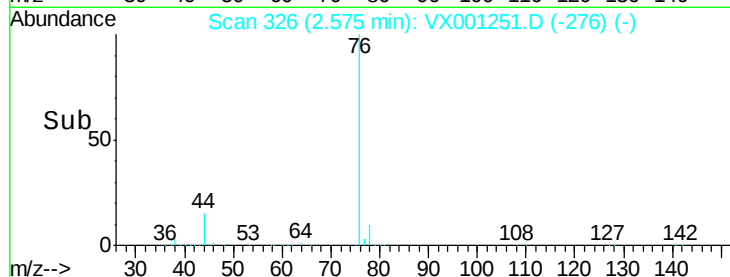
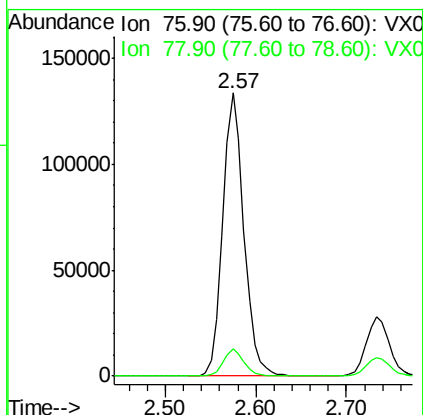
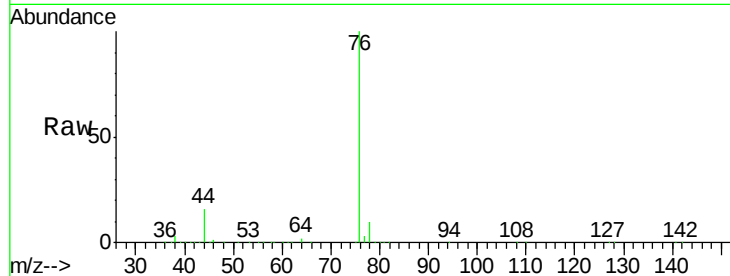




#17
Carbon Disulfide
Concen: 46.38 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

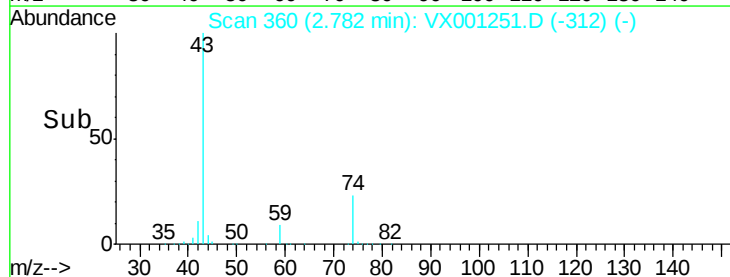
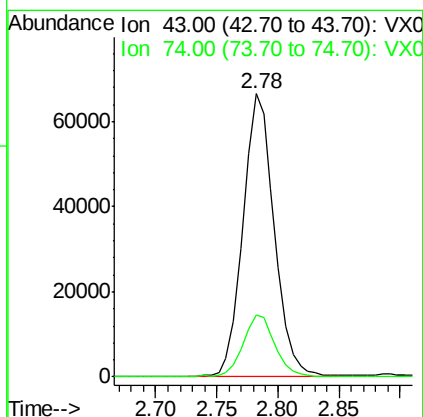
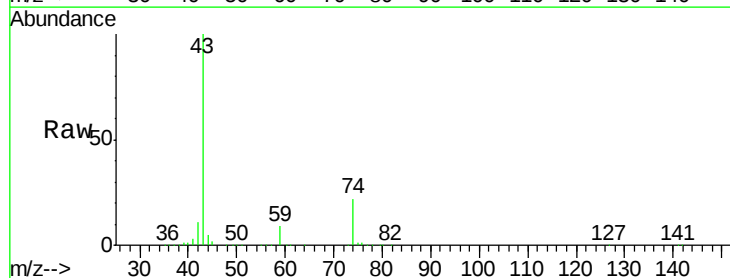
Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW24S-20180424MS

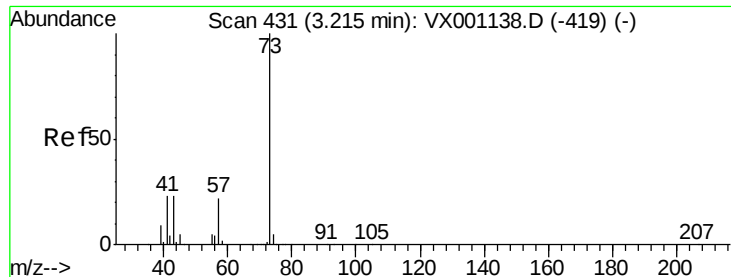
Tgt Ion: 76 Resp: 216949
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 40.61 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Tgt Ion: 43 Resp: 117434
Ion Ratio Lower Upper
43 100
74 22.8 18.1 27.1

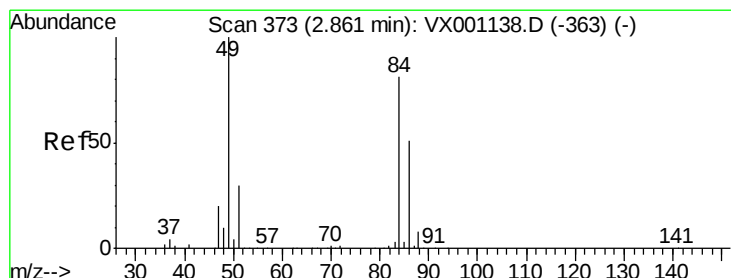
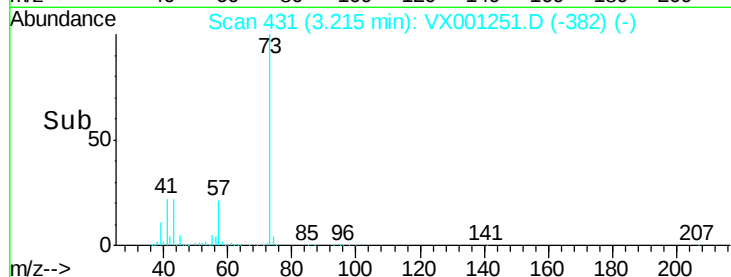
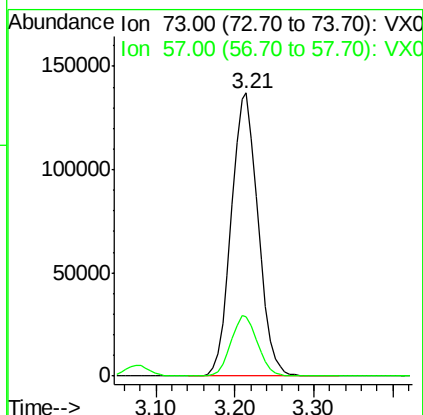
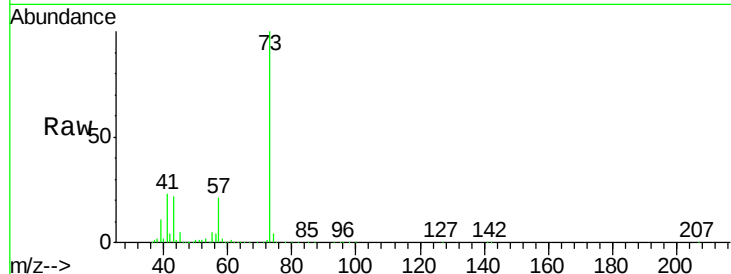




#19
Methyl tert-butyl Ether
Concen: 48.08 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

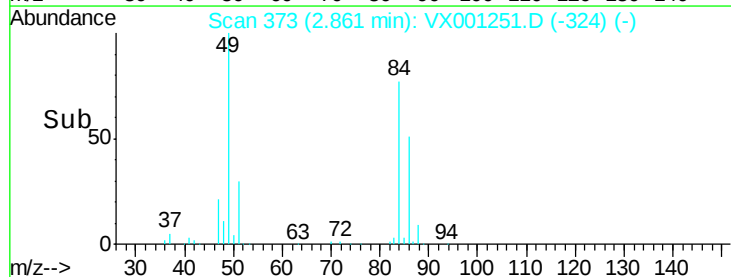
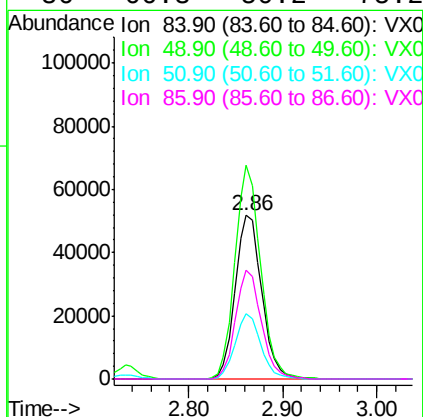
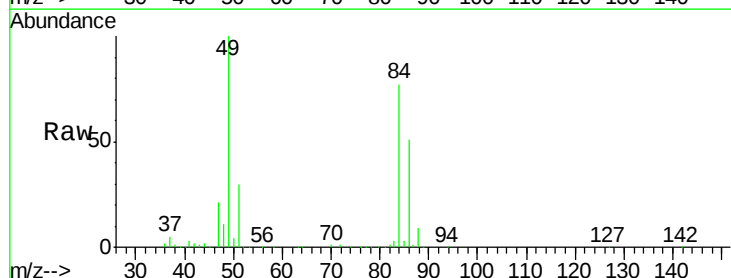
Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW24S-20180424MS

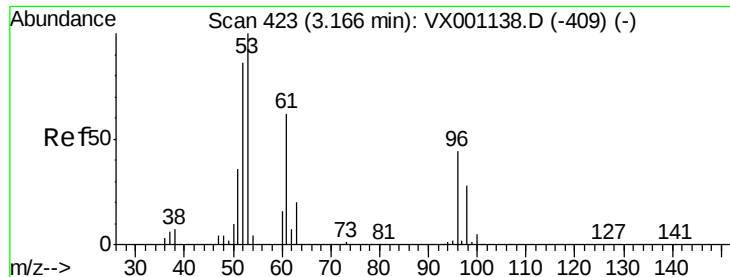
Tgt Ion: 73 Resp: 324472
Ion Ratio Lower Upper
73 100
57 21.0 17.7 26.5



#20
Methylene Chloride
Concen: 47.18 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Tgt Ion: 84 Resp: 101551
Ion Ratio Lower Upper
84 100
49 130.5 99.2 148.8
51 39.5 29.5 44.3
86 66.3 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 49.25 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MS

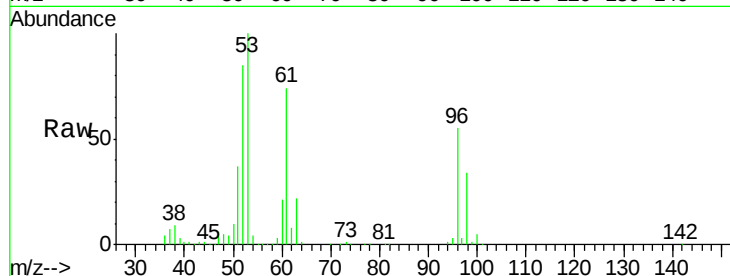
Tgt Ion: 96 Resp: 99802

Ion Ratio Lower Upper

96 100

61 135.1 111.9 167.9

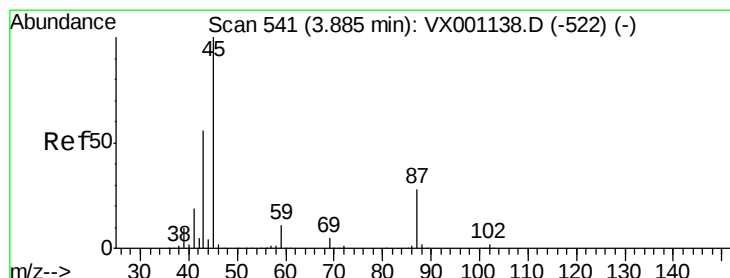
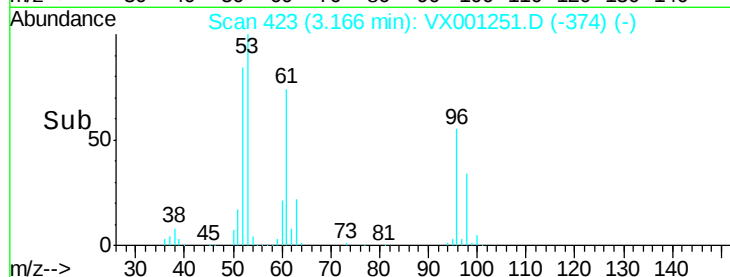
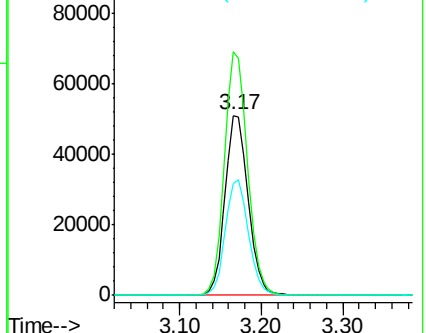
98 62.0 51.1 76.7



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: 46.34 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Tgt Ion: 45 Resp: 310096

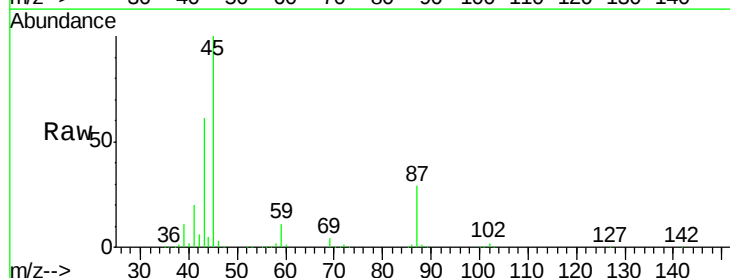
Ion Ratio Lower Upper

45 100

43 61.3 45.0 67.4

87 28.8 22.8 34.2

59 10.9 9.0 13.6

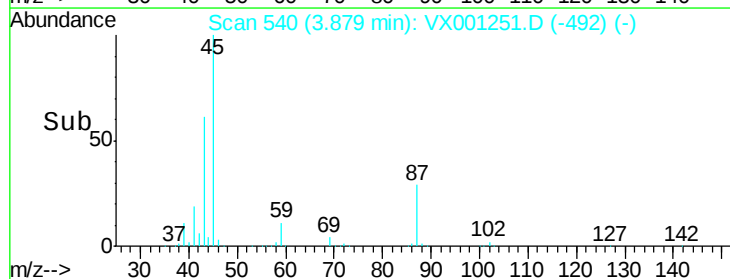
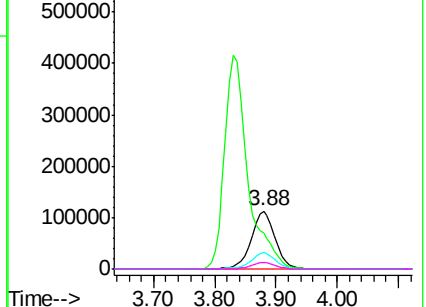


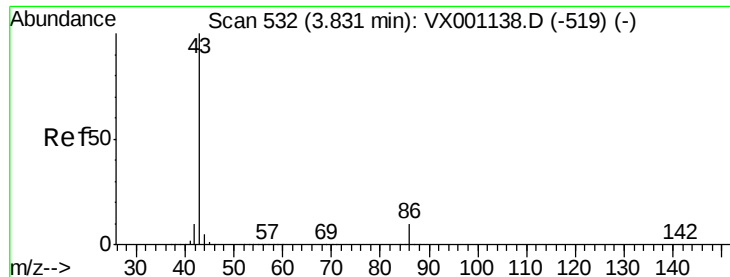
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 193.81 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

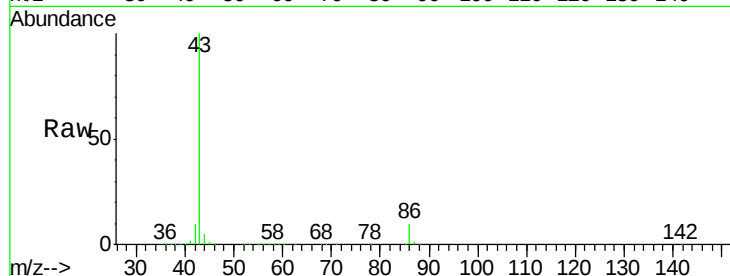
BP-HN-MW24S-20180424MS

Tgt Ion: 43 Resp: 1100234

Ion Ratio Lower Upper

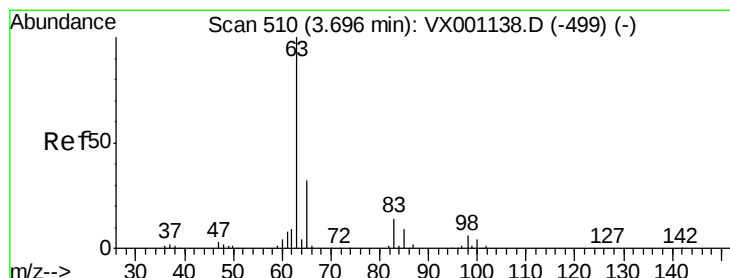
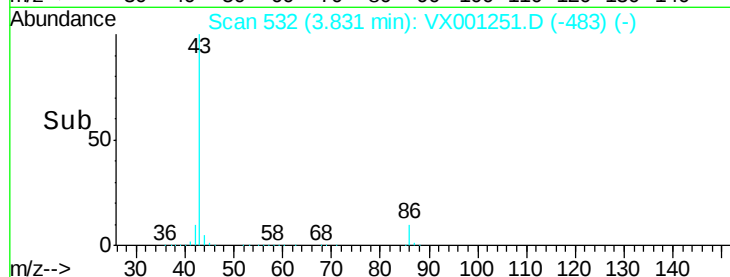
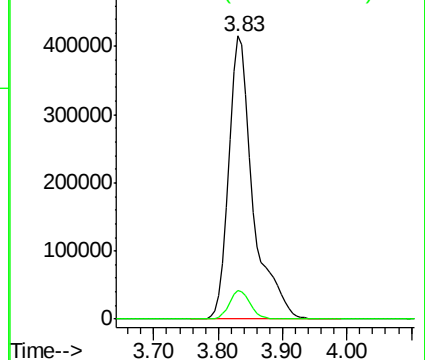
43 100

86 10.1 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.32 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

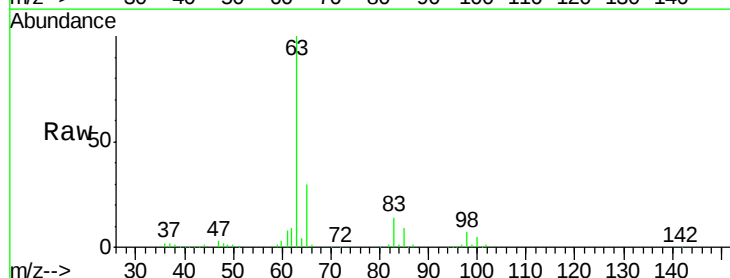
Tgt Ion: 63 Resp: 166414

Ion Ratio Lower Upper

63 100

98 7.2 3.1 9.4

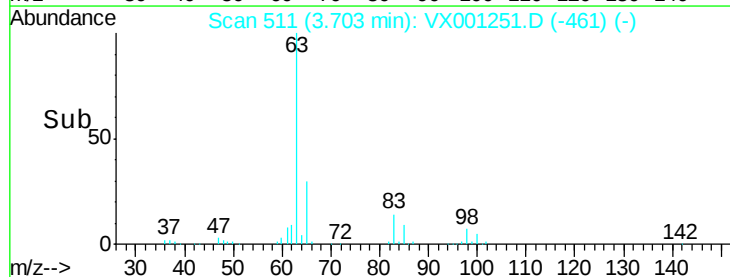
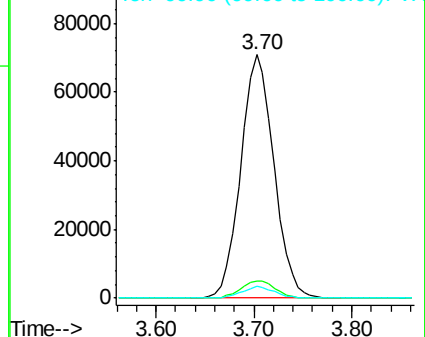
100 4.9 2.1 6.5

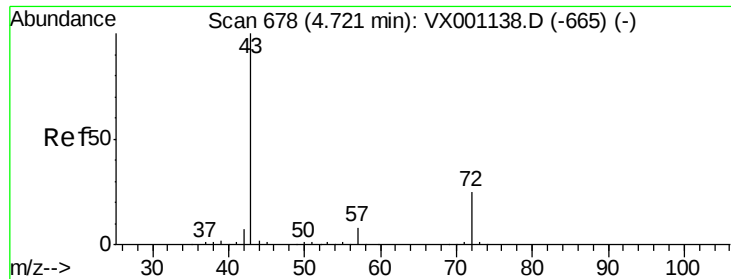


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 202.48 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

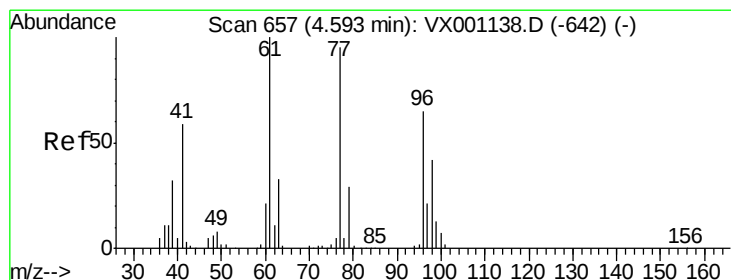
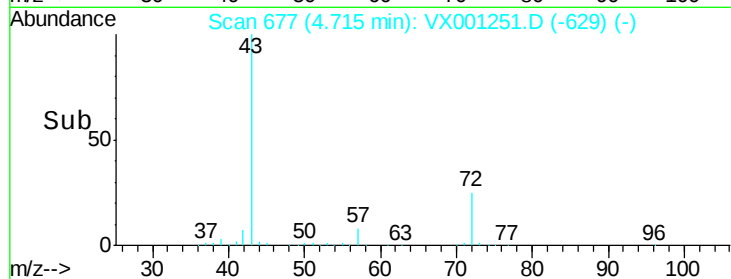
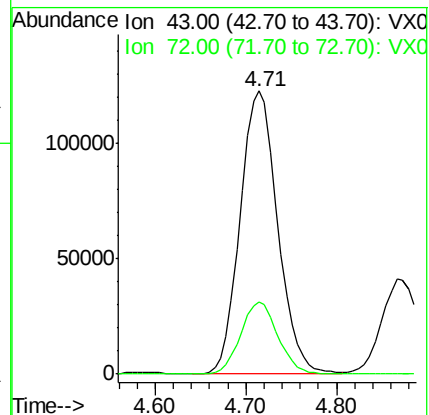
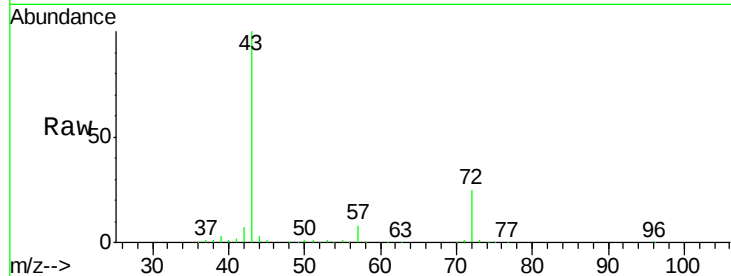
BP-HN-MW24S-20180424MS

Tgt Ion: 43 Resp: 350114

Ion Ratio Lower Upper

43 100

72 25.2 20.0 30.0



#26

2,2-Dichloropropane

Concen: 28.55 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001251.D

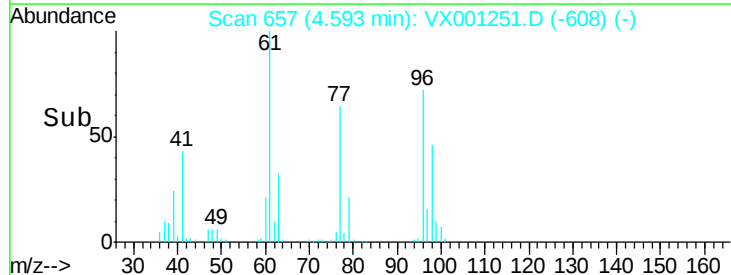
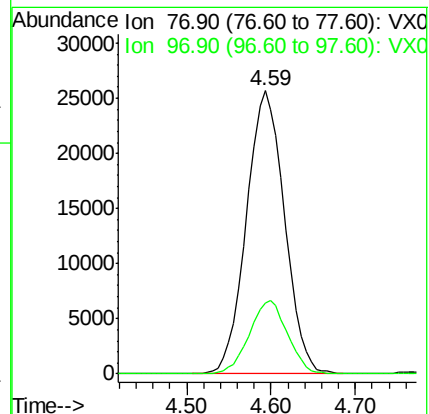
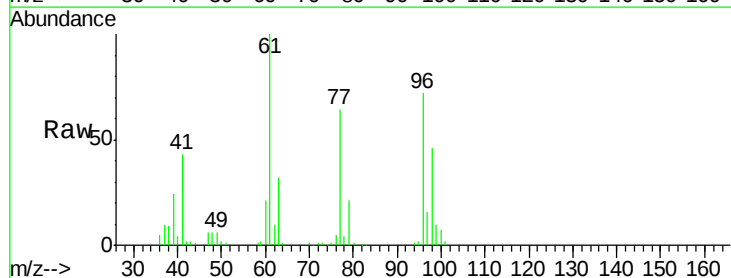
Acq: 29 Apr 2018 08:08

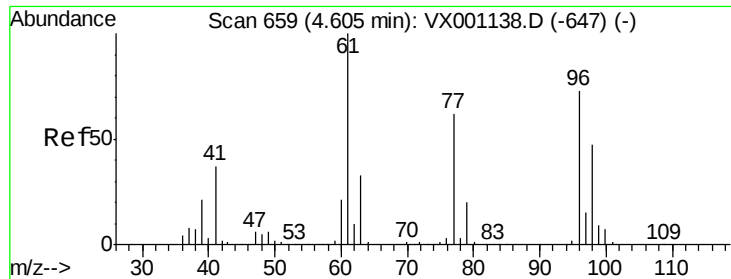
Tgt Ion: 77 Resp: 79024

Ion Ratio Lower Upper

77 100

97 25.9 11.4 34.2

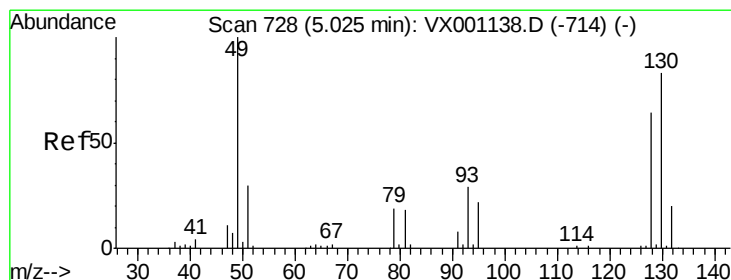
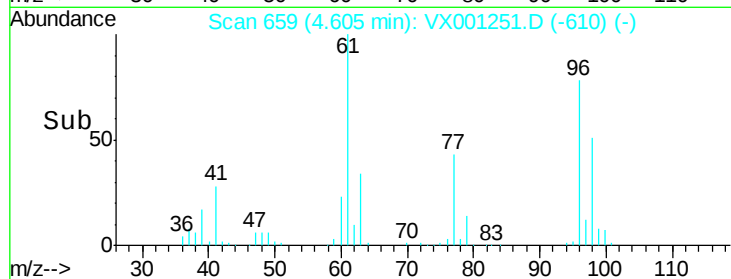
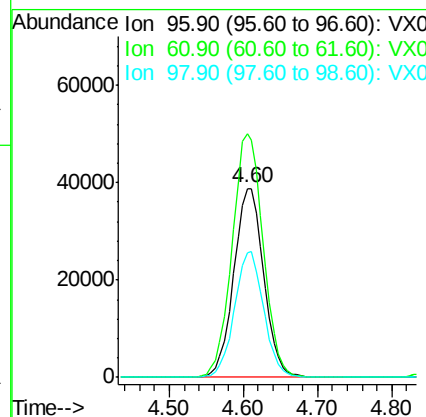
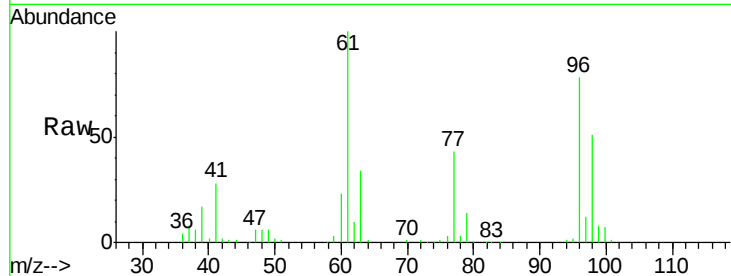




#27
 cis-1,2-Dichloroethene
 Concen: 49.31 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

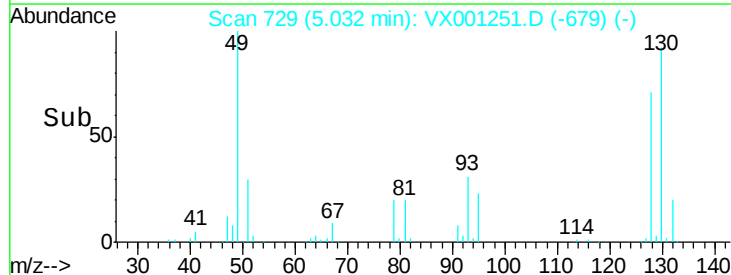
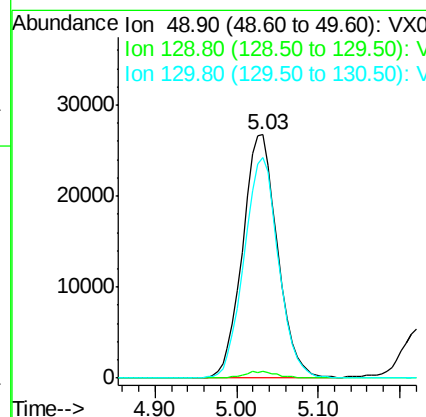
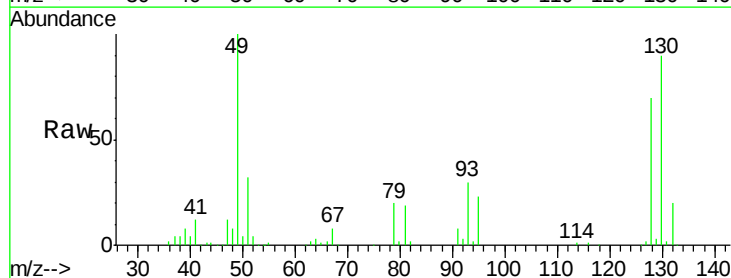
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-HN-MW24S-20180424MS

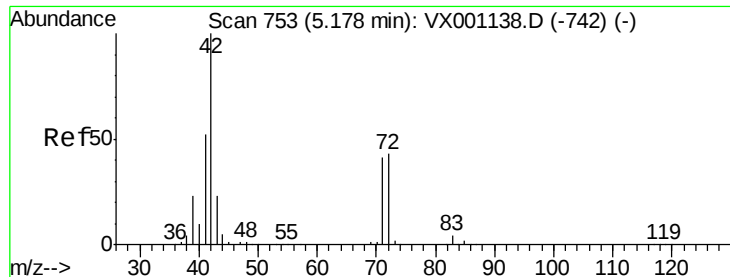
Tgt Ion: 96 Resp: 109426
 Ion Ratio Lower Upper
 96 100
 61 133.1 0.0 289.0
 98 64.8 0.0 128.2



#28
 Bromochloromethane
 Concen: 50.53 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. 0.01 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Tgt Ion: 49 Resp: 79676
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 89.5 68.2 102.2





#29

Tetrahydrofuran

Concen: 208.00 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MS

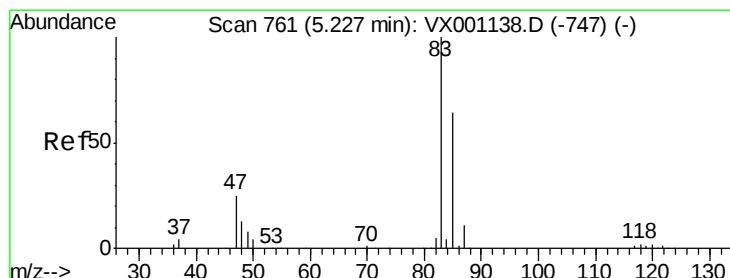
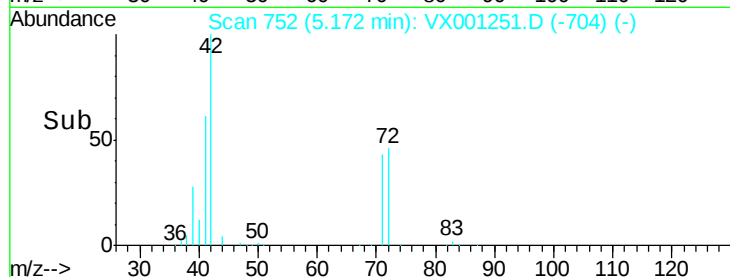
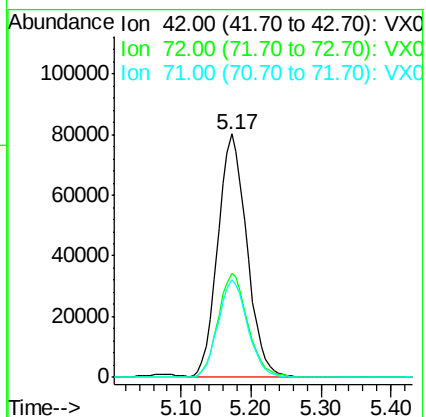
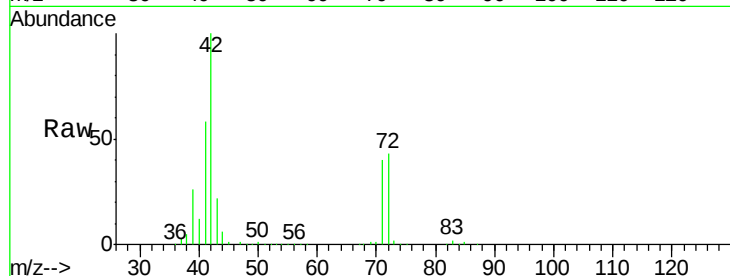
Tgt Ion: 42 Resp: 231243

Ion Ratio Lower Upper

42 100

72 43.8 34.4 51.6

71 40.5 32.1 48.1



#30

Chloroform

Concen: 50.01 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX001251.D

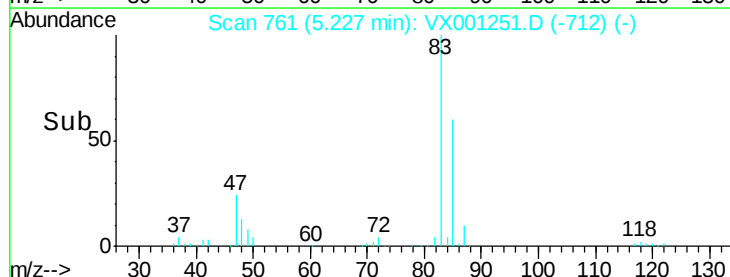
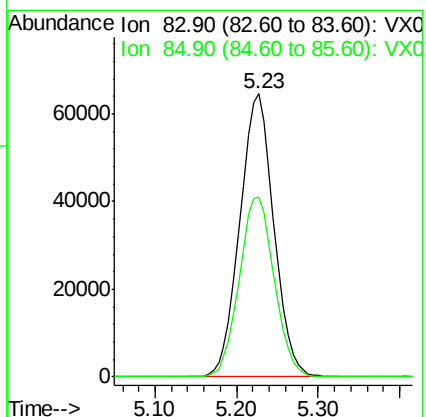
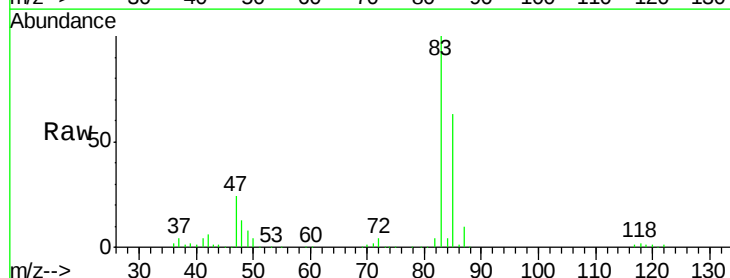
Acq: 29 Apr 2018 08:08

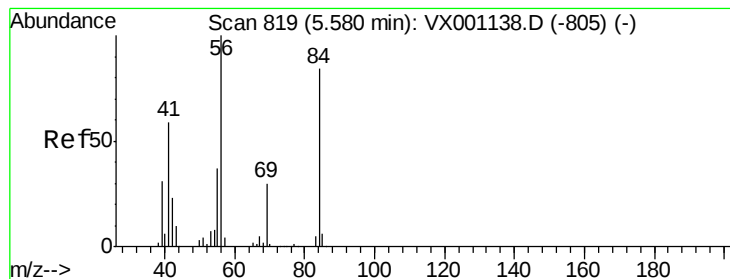
Tgt Ion: 83 Resp: 187032

Ion Ratio Lower Upper

83 100

85 63.3 51.4 77.0





#31

Cyclohexane

Concen: 48.07 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MS

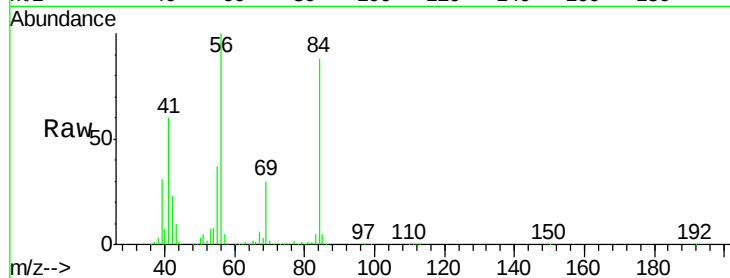
Tgt Ion: 56 Resp: 143619

Ion Ratio Lower Upper

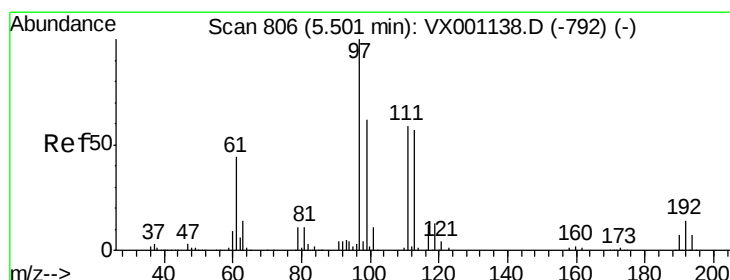
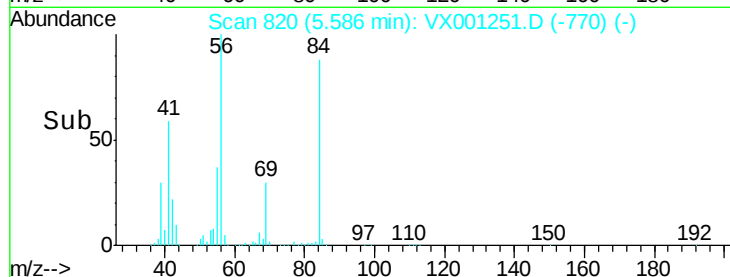
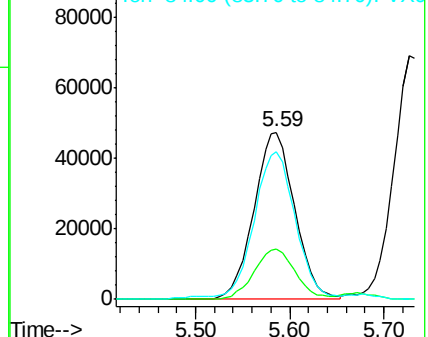
56 100

69 29.9 24.2 36.2

84 86.7 67.5 101.3



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



#32

1,1,1-Trichloroethane

Concen: 50.44 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

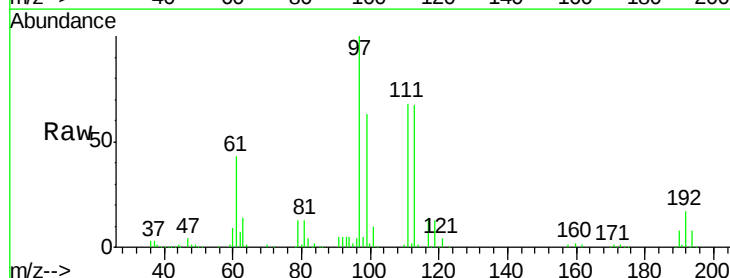
Tgt Ion: 97 Resp: 162850

Ion Ratio Lower Upper

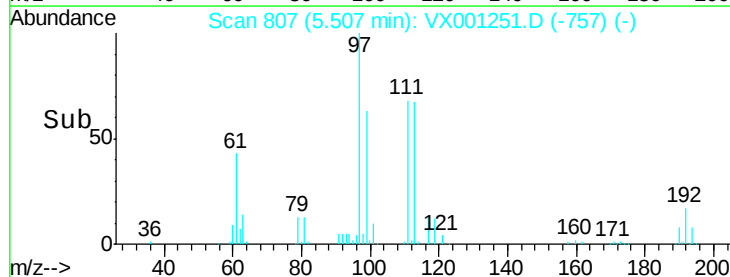
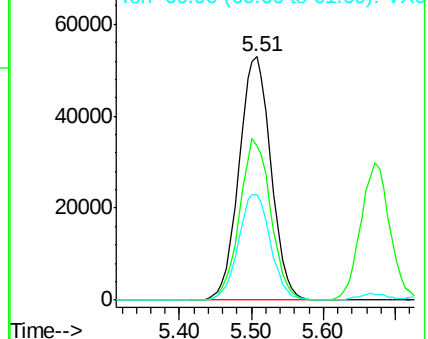
97 100

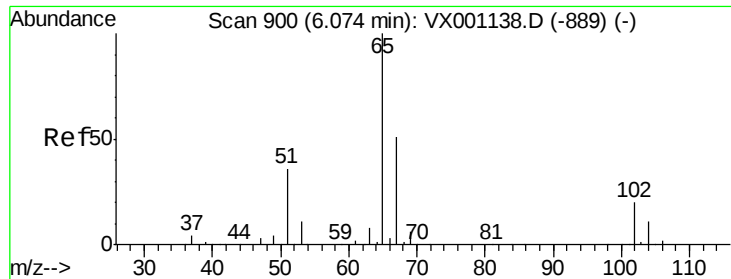
99 64.7 50.9 76.3

61 43.9 35.0 52.6



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

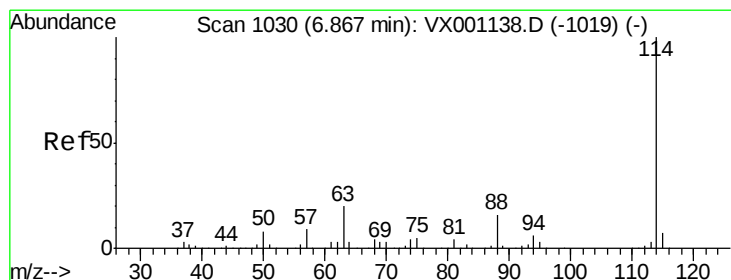
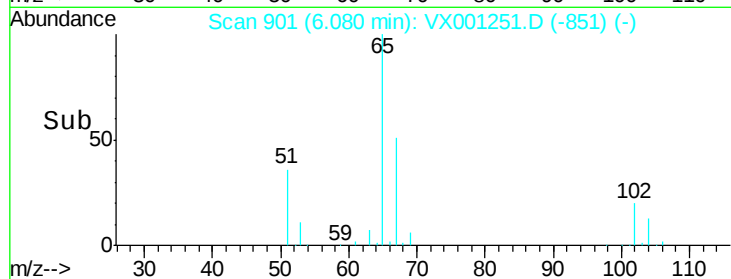
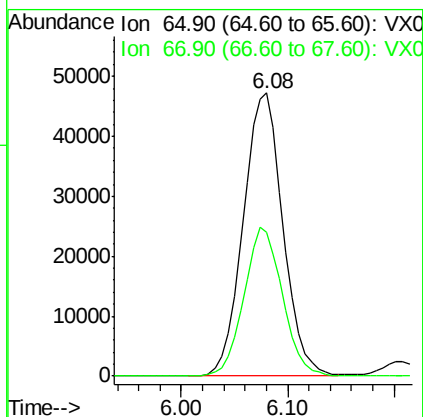
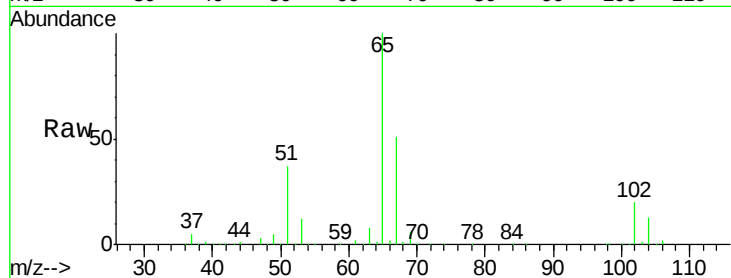




#33
 1,2-Dichloroethane-d4
 Concen: 43.88 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

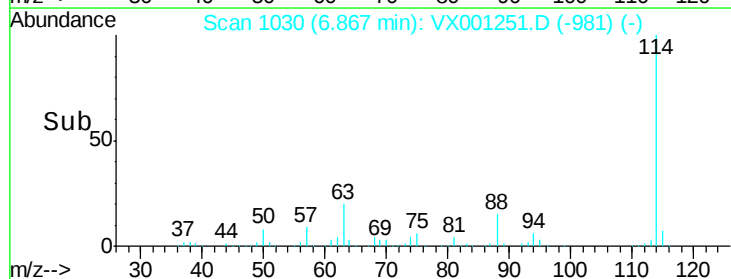
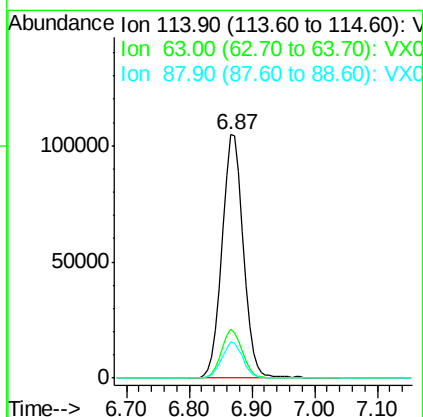
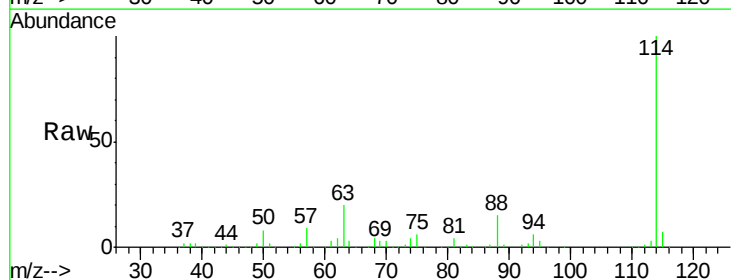
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-HN-MW24S-20180424MS

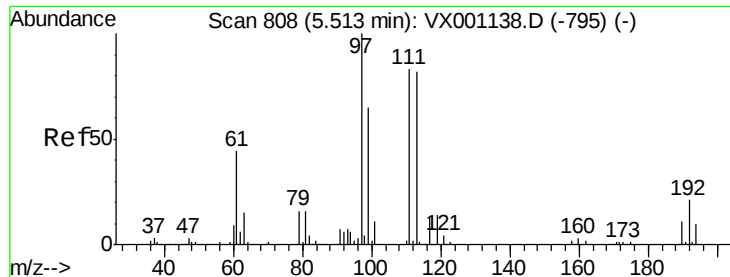
Tgt Ion: 65 Resp: 123312
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Tgt Ion: 114 Resp: 247611
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.4
 88 14.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MS

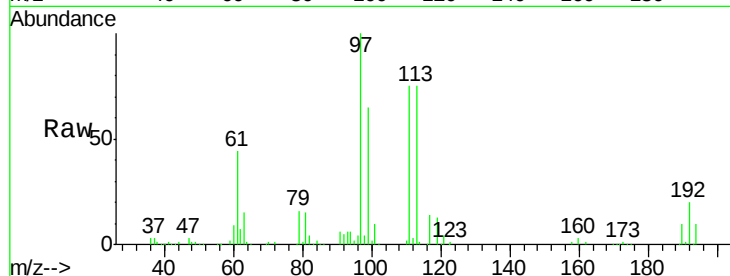
Tgt Ion:113 Resp: 102482

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

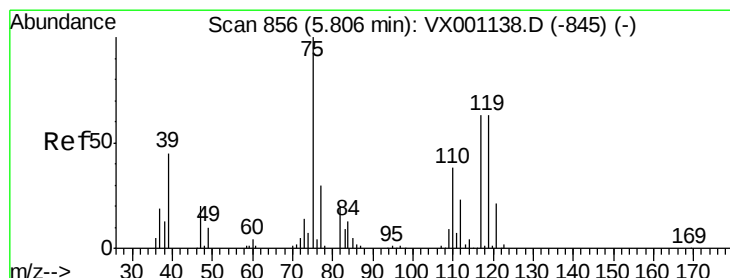
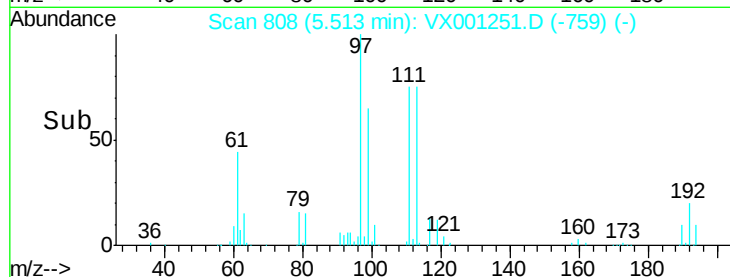
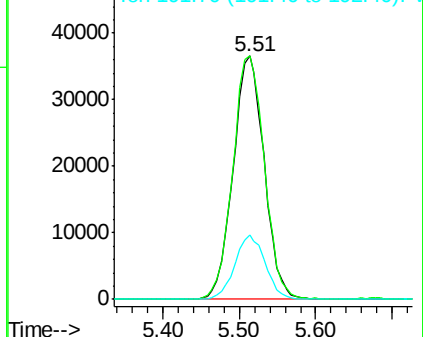
192 25.9 20.6 30.8



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: 49.64 ug/l

RT: 5.81 min Scan# 857

Delta R.T. 0.01 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

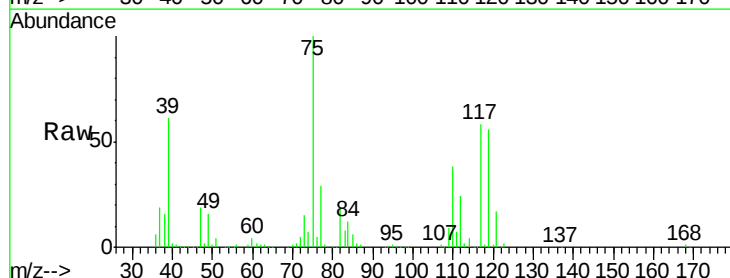
Tgt Ion: 75 Resp: 135446

Ion Ratio Lower Upper

75 100

110 37.4 19.0 57.0

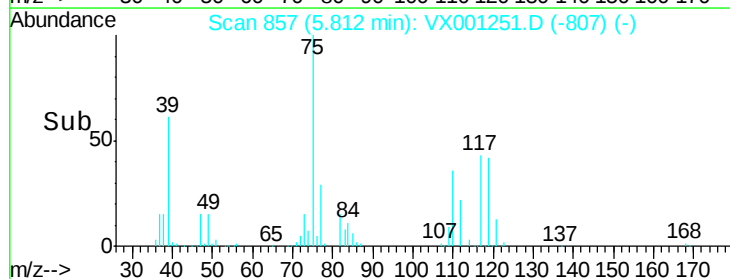
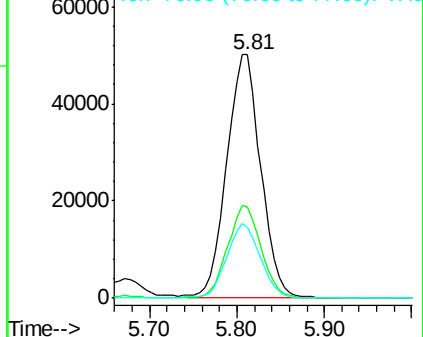
77 30.7 24.8 37.2

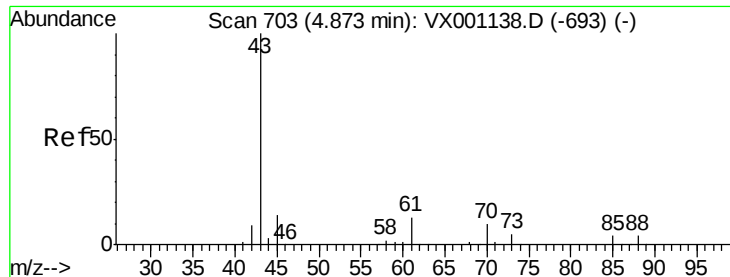


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 36.72 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.01 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MS

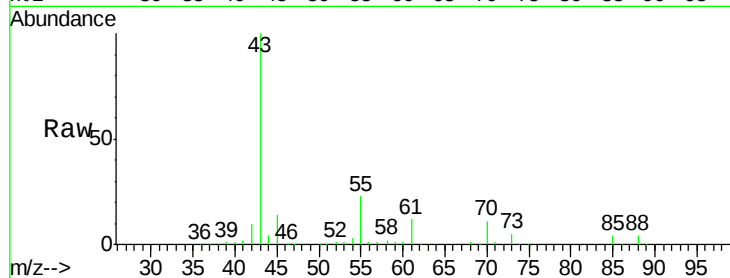
Tgt Ion: 43 Resp: 119987

Ion Ratio Lower Upper

43 100

61 13.1 11.0 16.6

70 10.0 8.2 12.2

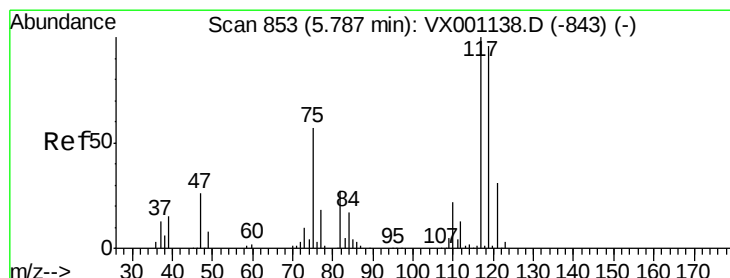
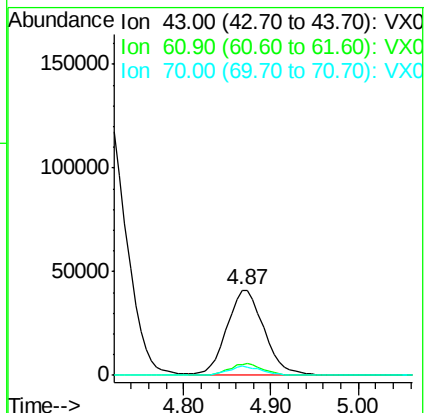
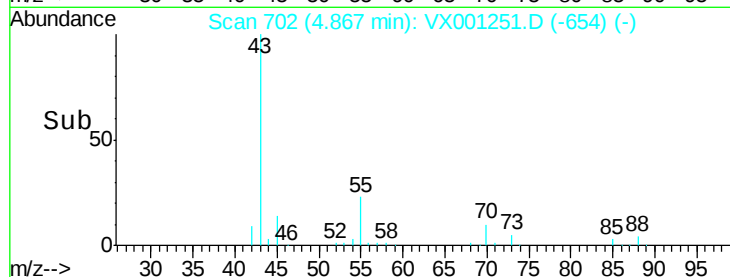


Abundance Ion 43.00 (42.70 to 43.70): VX001138.D (-693) (-)

Ion 60.90 (60.60 to 61.60): VX001138.D (-693) (-)

Ion 70.00 (69.70 to 70.70): VX001138.D (-693) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 52.01 ug/l

RT: 5.79 min Scan# 854

Delta R.T. 0.01 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

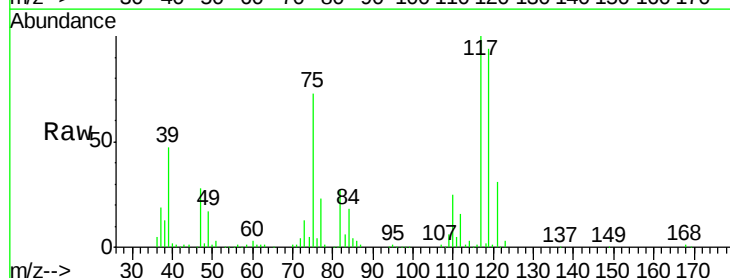
Tgt Ion: 117 Resp: 145522

Ion Ratio Lower Upper

117 100

119 94.1 76.5 114.7

121 30.7 24.6 37.0

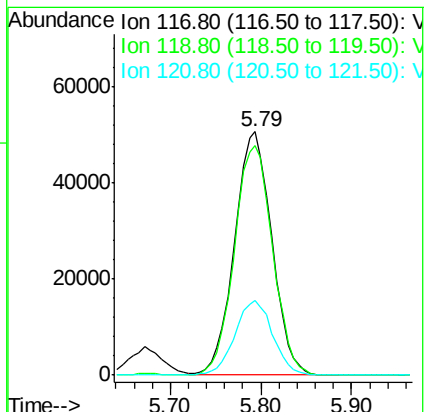
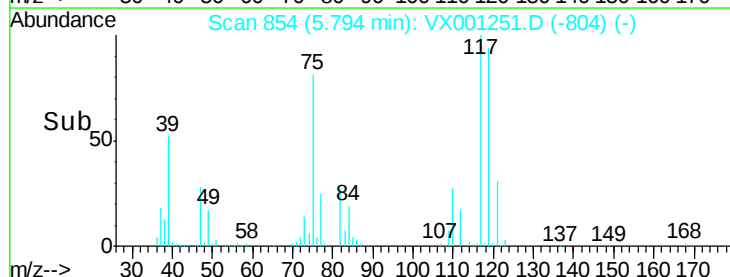


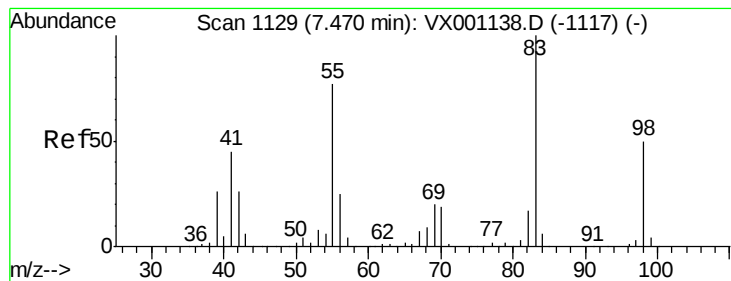
Abundance Ion 116.80 (116.50 to 117.50): VX001138.D (-843) (-)

Ion 118.80 (118.50 to 119.50): VX001138.D (-843) (-)

Ion 120.80 (120.50 to 121.50): VX001138.D (-843) (-)

Time-->





#39

Methylcyclohexane

Concen: 47.43 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MS

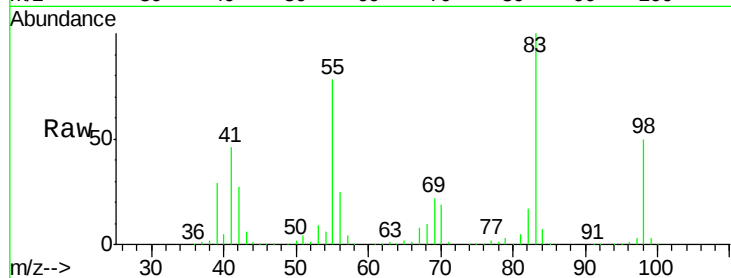
Tgt Ion: 83 Resp: 143223

Ion Ratio Lower Upper

83 100

55 78.1 61.8 92.6

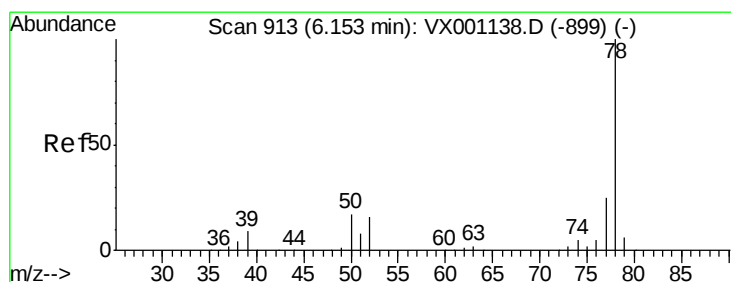
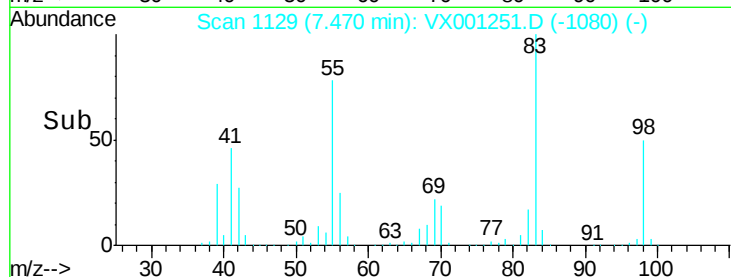
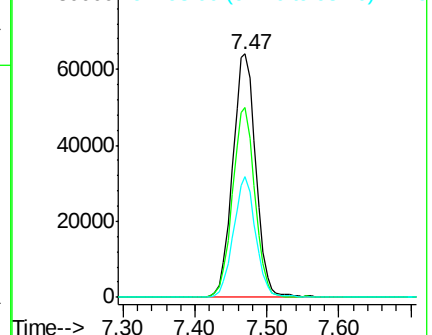
98 49.7 40.0 60.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 50.90 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.00 min

Lab File: VX001251.D

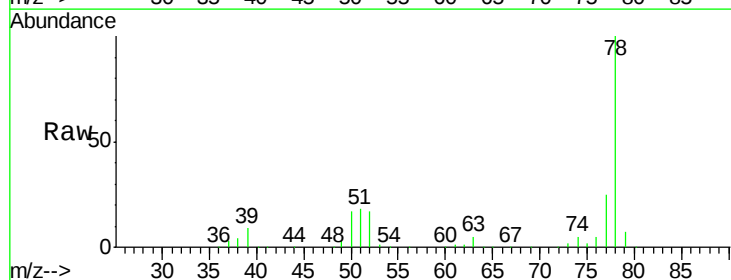
Acq: 29 Apr 2018 08:08

Tgt Ion: 78 Resp: 401748

Ion Ratio Lower Upper

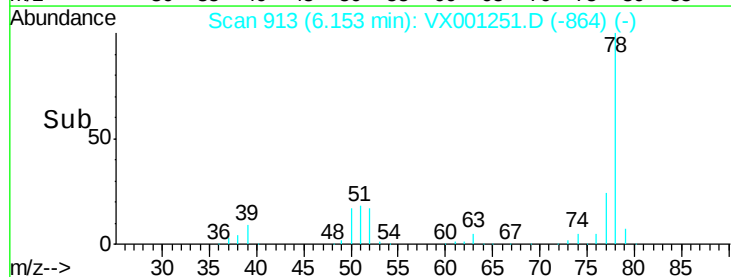
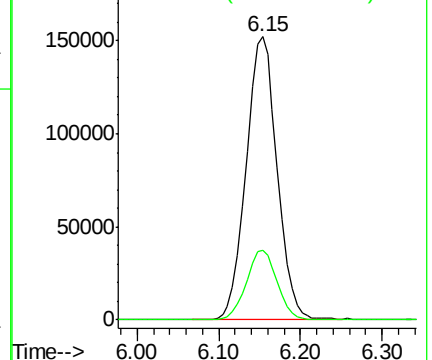
78 100

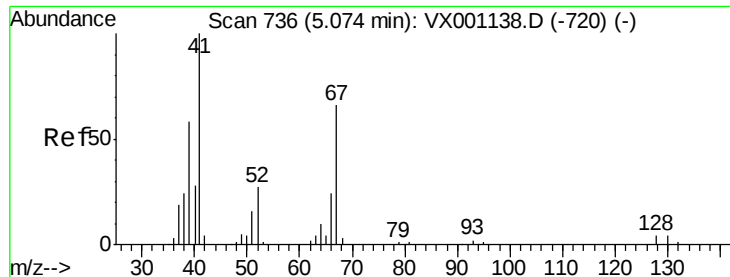
77 24.6 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

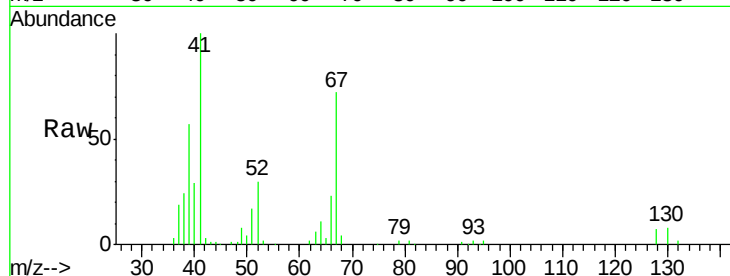




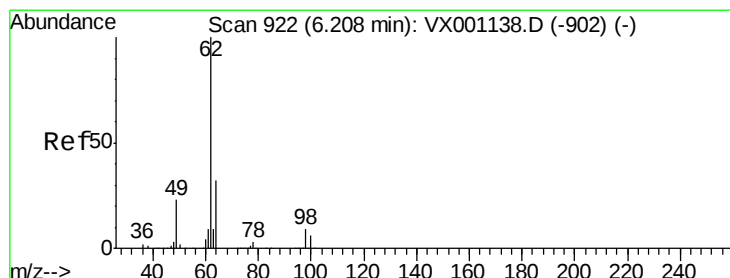
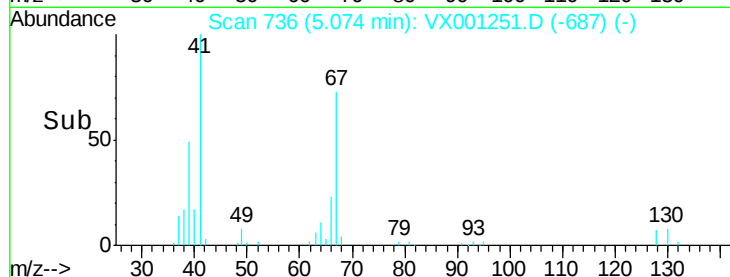
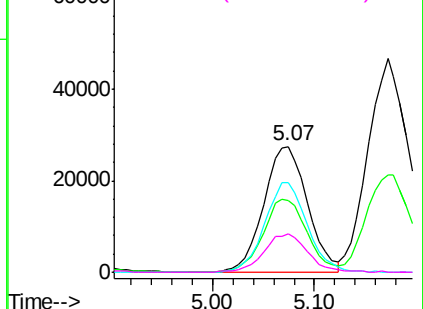
#41
Methacrylonitrile
Concen: 44.78 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW24S-20180424MS

Tgt Ion:	41	Resp:	82221
Ion	Ratio	Lower	Upper
41	100		
39	57.2	45.9	68.9
67	69.2	53.2	79.8
52	29.7	23.1	34.7

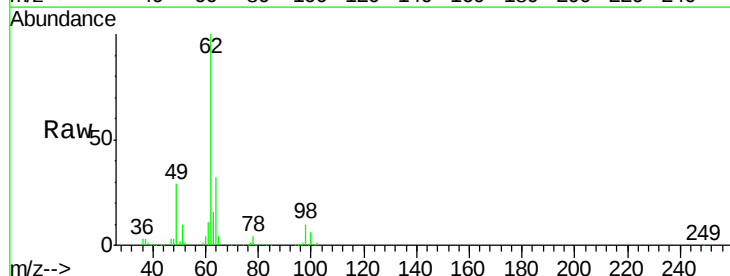


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

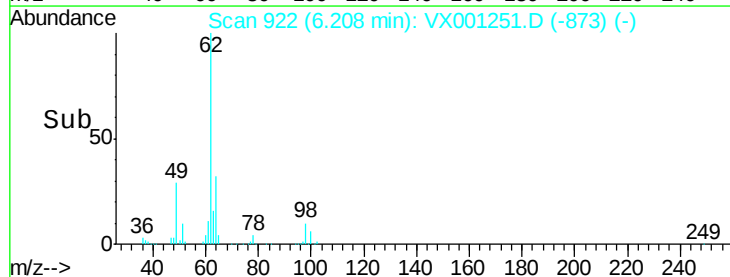
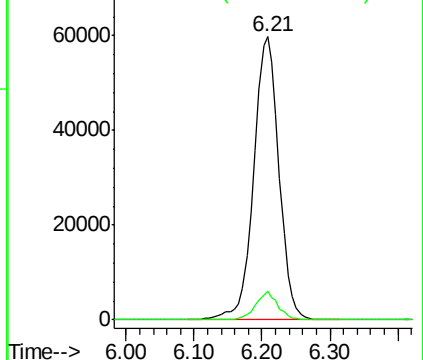


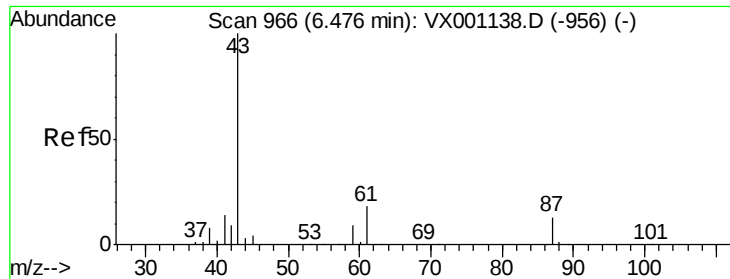
#42
1,2-Dichloroethane
Concen: 48.71 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Tgt Ion:	62	Resp:	154929
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.0



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





#43

Isopropyl Acetate

Concen: 41.10 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MS

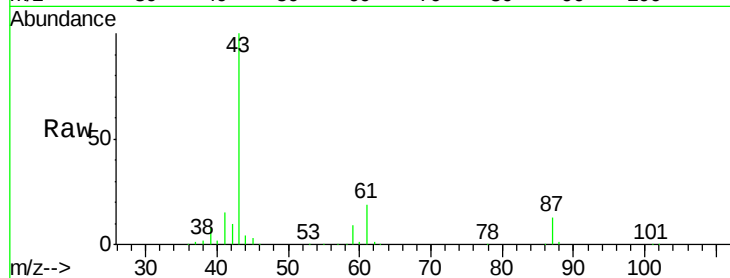
Tgt Ion: 43 Resp: 210914

Ion Ratio Lower Upper

43 100

61 18.9 15.0 22.6

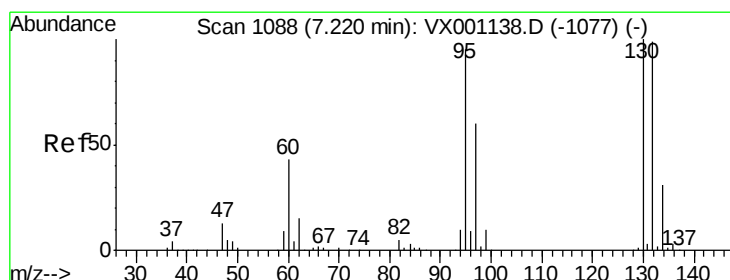
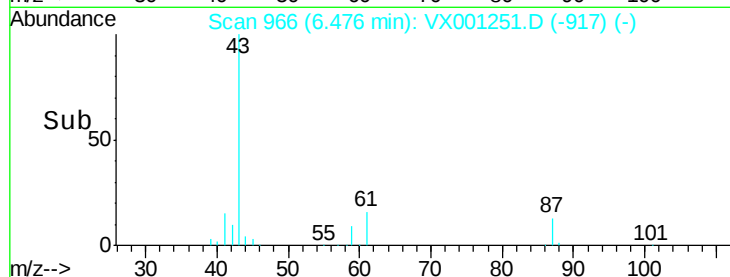
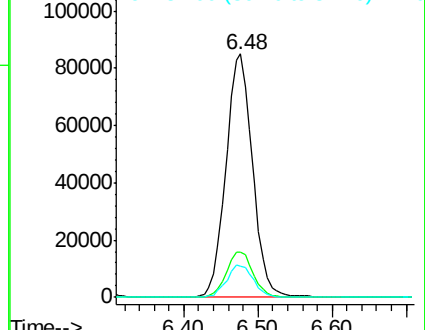
87 13.4 10.3 15.5



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: 51.83 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001251.D

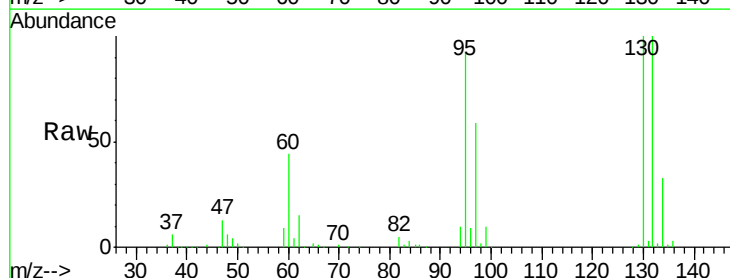
Acq: 29 Apr 2018 08:08

Tgt Ion: 130 Resp: 121885

Ion Ratio Lower Upper

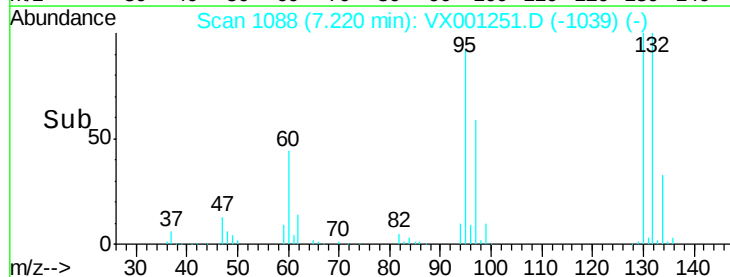
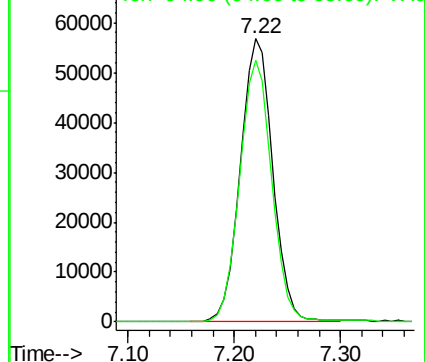
130 100

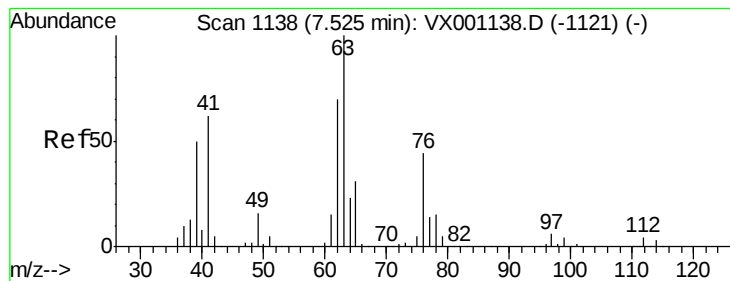
95 92.3 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.01 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

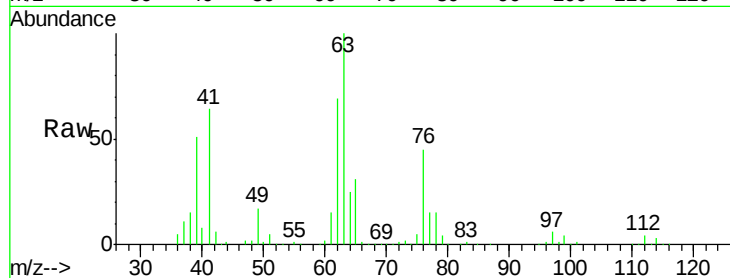
BP-HN-MW24S-20180424MS

Tgt Ion: 63 Resp: 103817

Ion Ratio Lower Upper

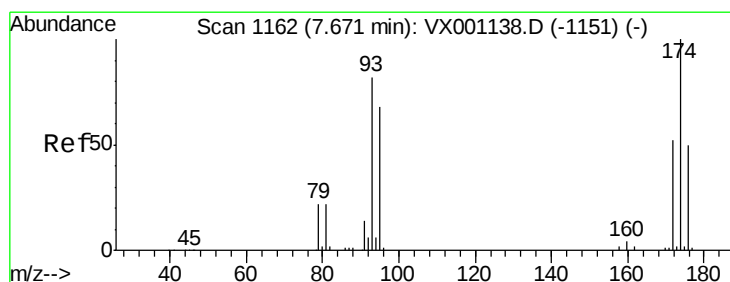
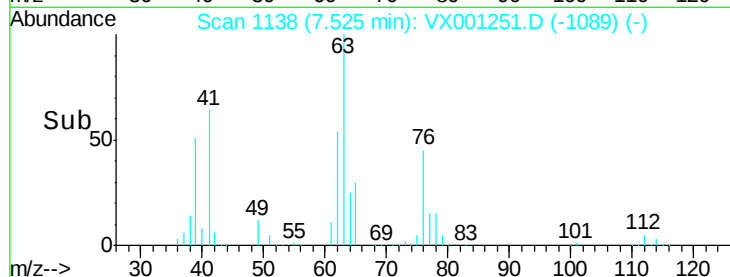
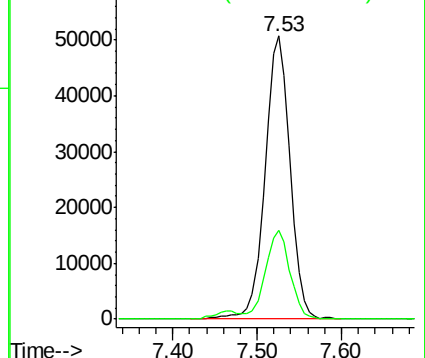
63 100

65 31.1 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: 51.41 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

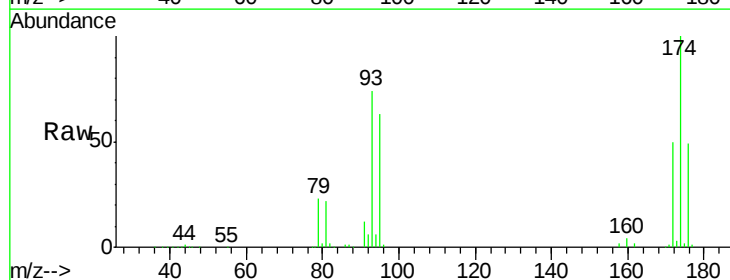
Tgt Ion: 93 Resp: 73904

Ion Ratio Lower Upper

93 100

95 84.2 66.4 99.6

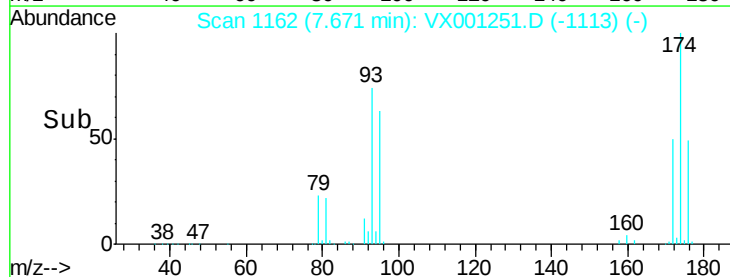
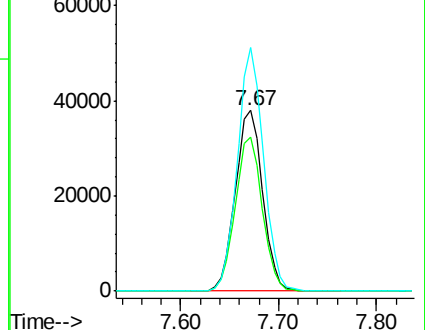
174 128.4 99.6 149.4

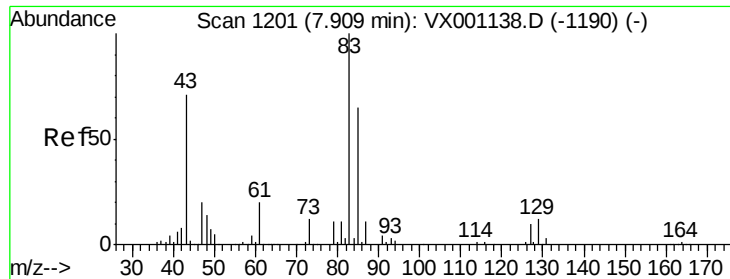


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.50 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MS

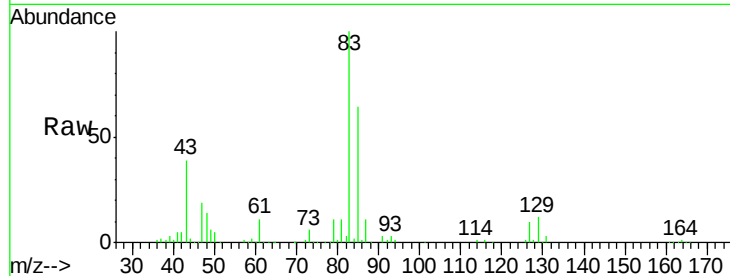
Tgt Ion: 83 Resp: 137119

Ion Ratio Lower Upper

83 100

85 64.4 51.9 77.9

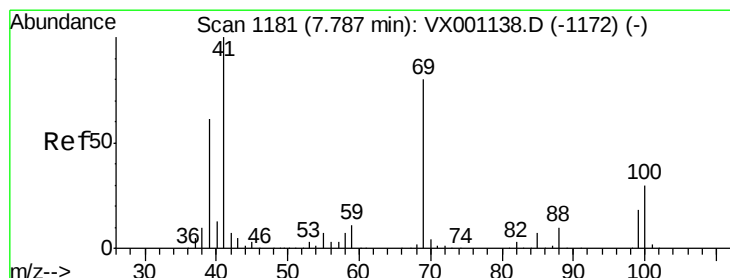
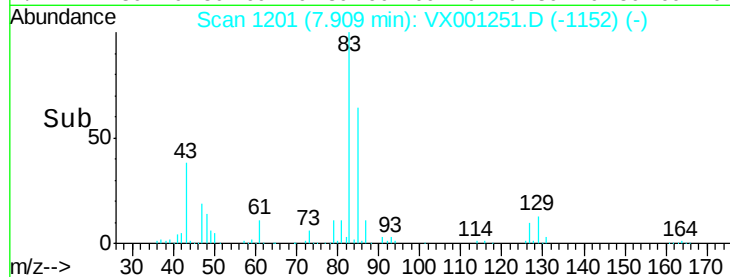
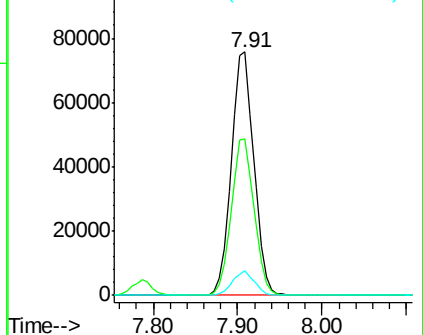
127 10.1 7.7 11.5



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: 45.80 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

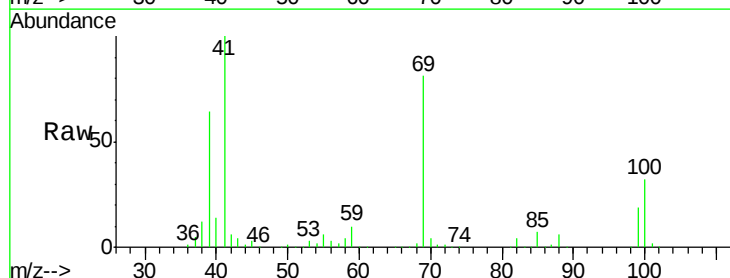
Tgt Ion: 41 Resp: 124942

Ion Ratio Lower Upper

41 100

69 79.3 62.4 93.6

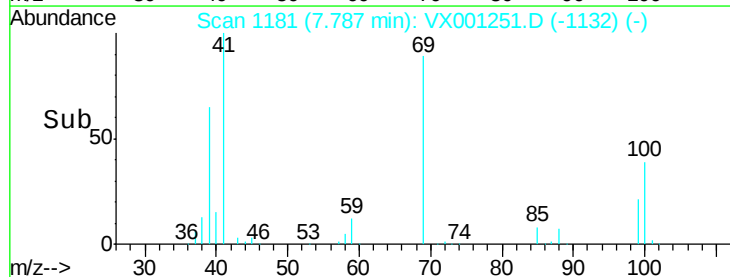
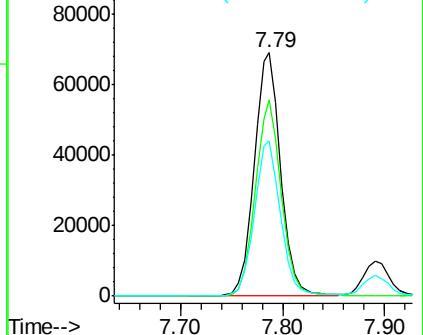
39 63.0 48.7 73.1

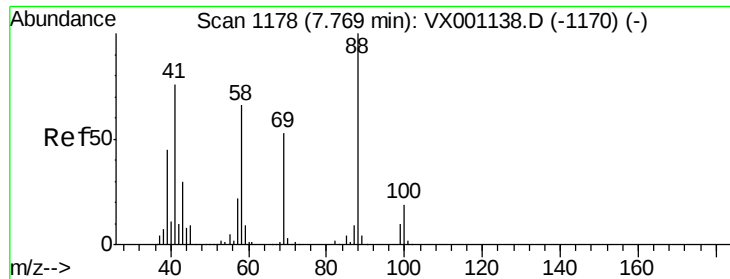


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

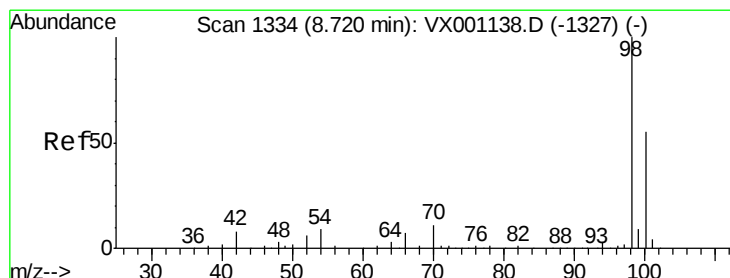
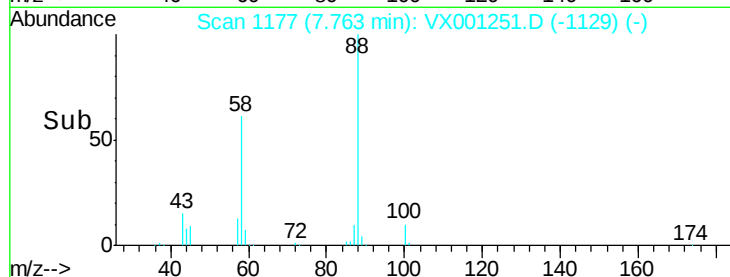
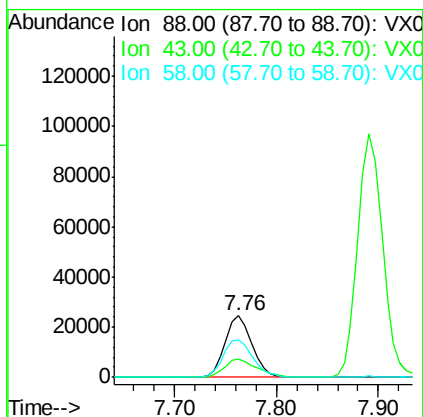
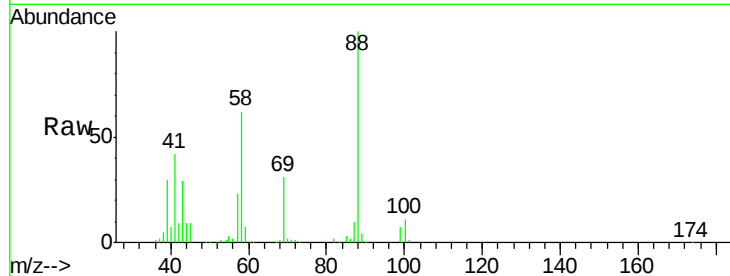




#49
 1,4-Dioxane
 Concen: 834.45 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

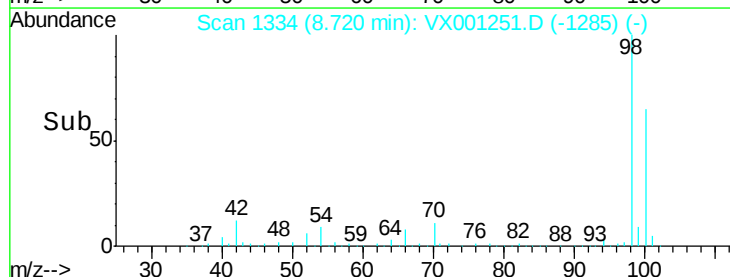
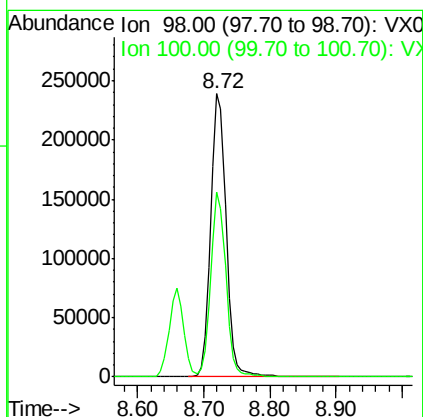
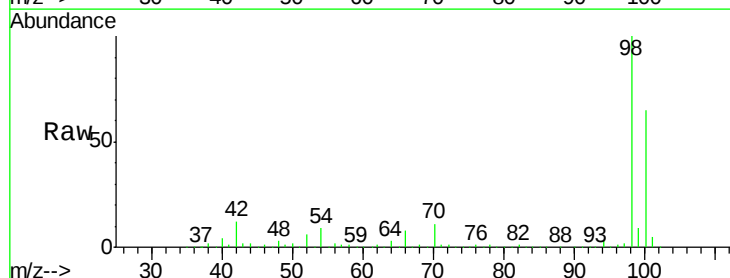
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-HN-MW24S-20180424MS

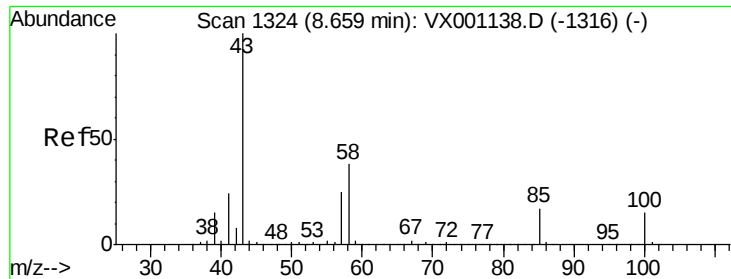
Tgt Ion: 88 Resp: 45571
 Ion Ratio Lower Upper
 88 100
 43 34.3 27.3 40.9
 58 67.3 54.2 81.4



#50
 Toluene-d8
 Concen: 49.90 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Tgt Ion: 98 Resp: 385926
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 229.64 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

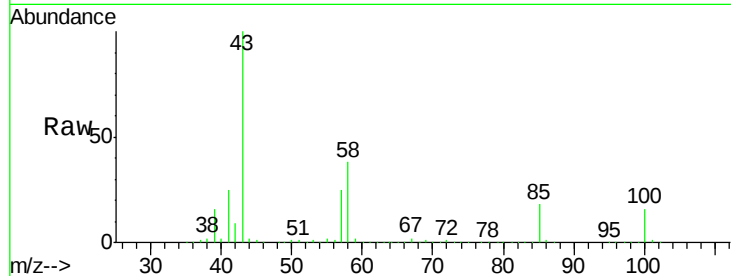
BP-HN-MW24S-20180424MS

Tgt Ion: 43 Resp: 774110

Ion Ratio Lower Upper

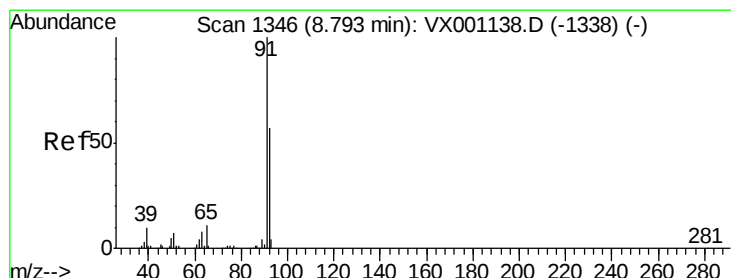
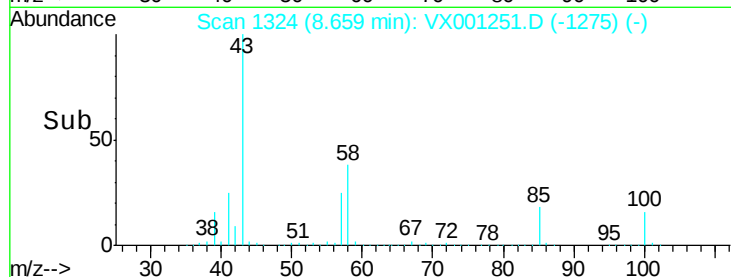
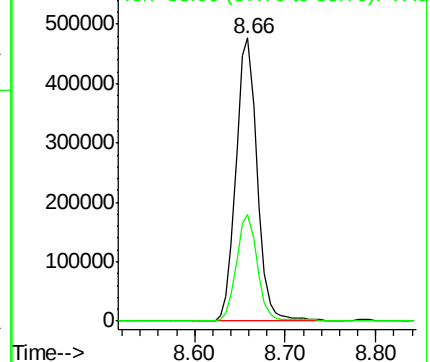
43 100

58 36.7 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: 51.82 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001251.D

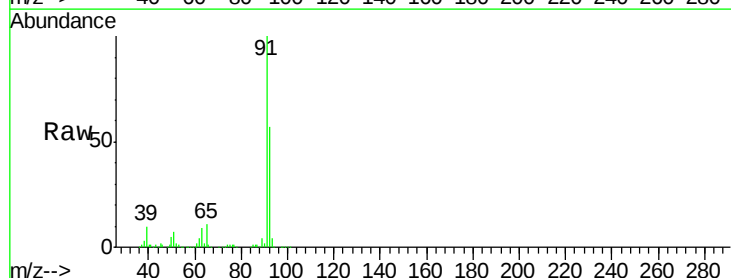
Acq: 29 Apr 2018 08:08

Tgt Ion: 92 Resp: 267493

Ion Ratio Lower Upper

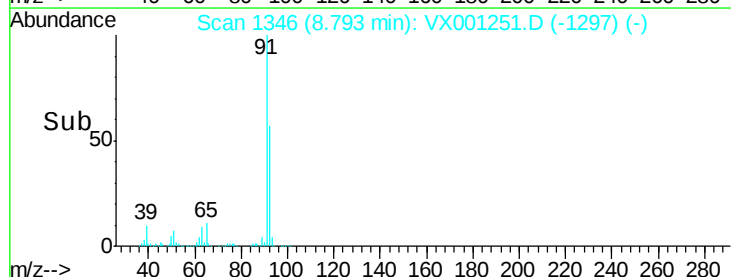
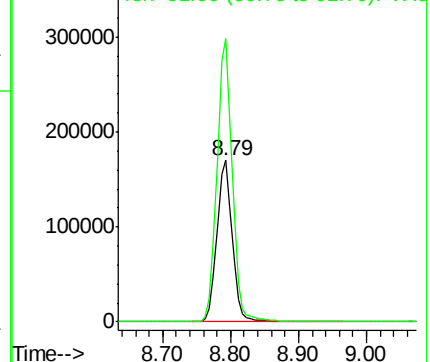
92 100

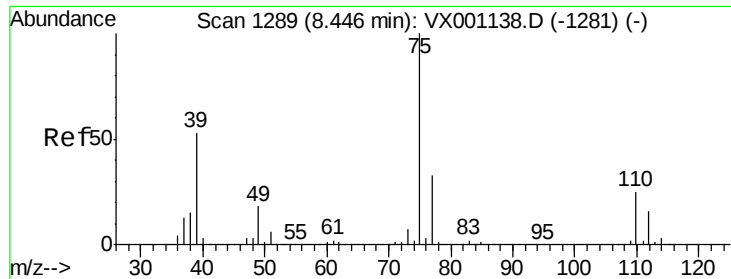
91 175.6 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

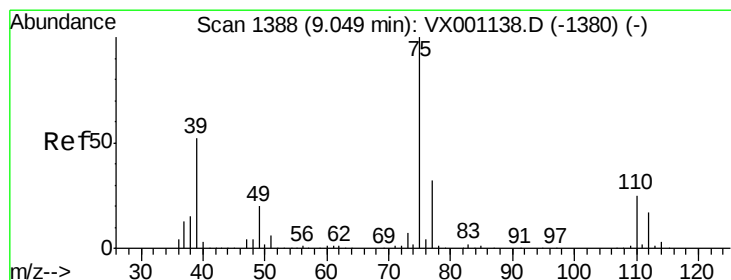
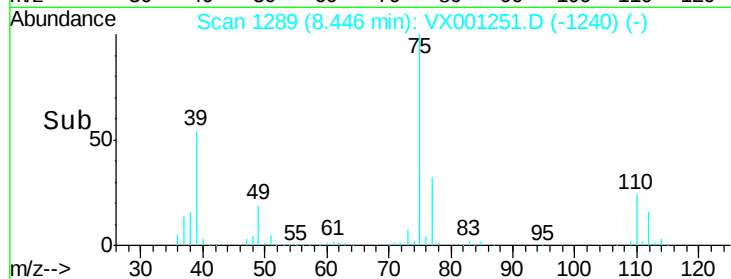
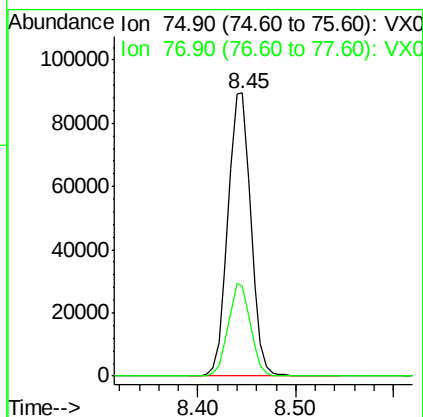
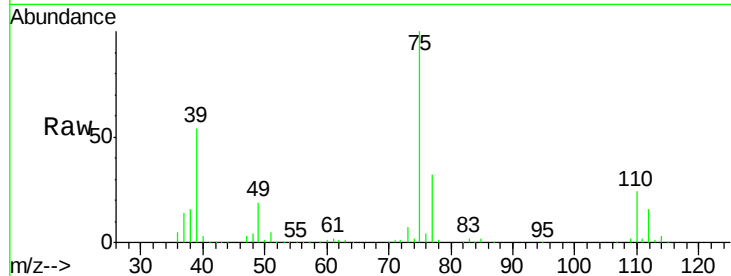




#53
 t-1,3-Dichloropropene
 Concen: 48.01 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

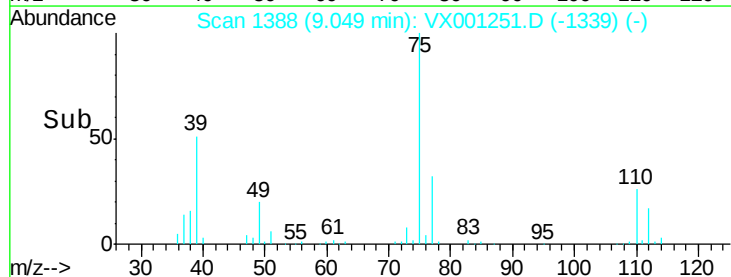
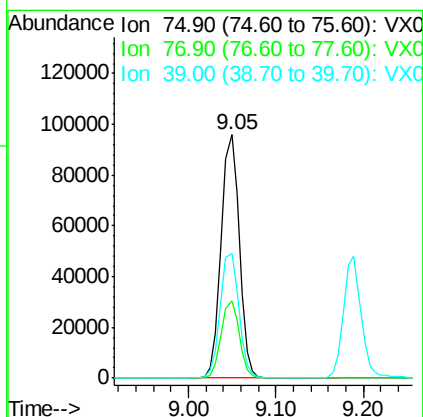
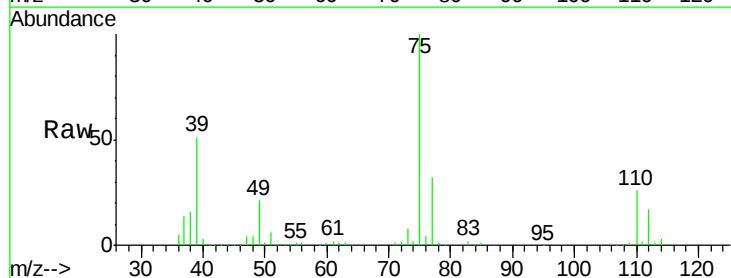
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-HN-MW24S-20180424MS

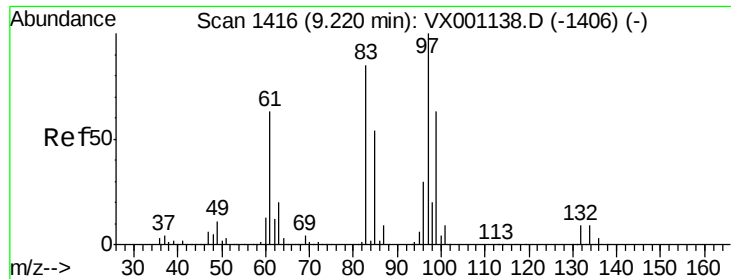
Tgt Ion: 75 Resp: 145793
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.2 39.4



#54
 cis-1,3-Dichloropropene
 Concen: 42.34 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Tgt Ion: 75 Resp: 137841
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2
 39 51.2 42.0 63.0

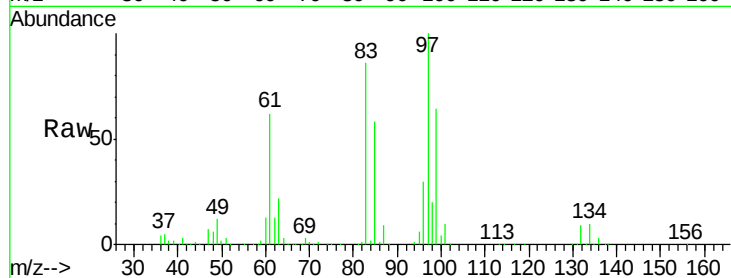




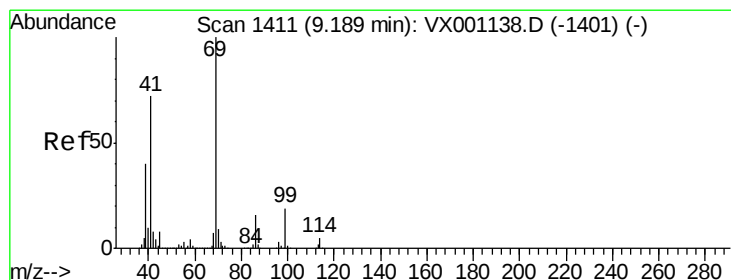
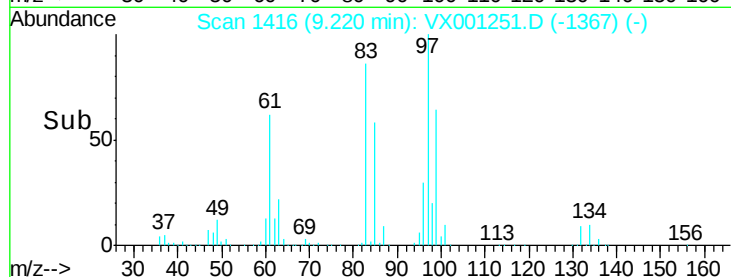
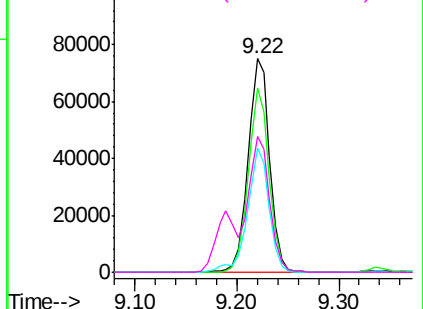
#55
 1,1,2-Trichloroethane
 Concen: 50.41 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-HN-MW24S-20180424MS

Tgt Ion:	97	Resp:	110094
Ion	Ratio	Lower	Upper
97	100		
83	86.0	68.0	102.0
85	57.9	42.9	64.3
99	63.7	50.3	75.5

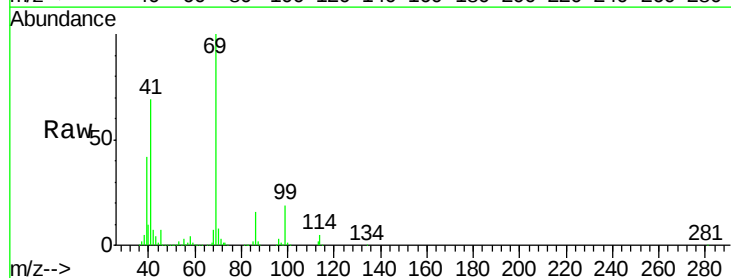


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

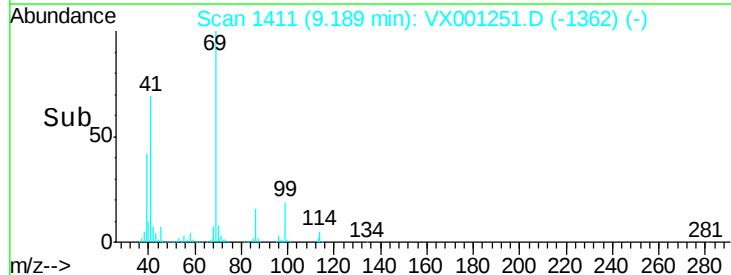
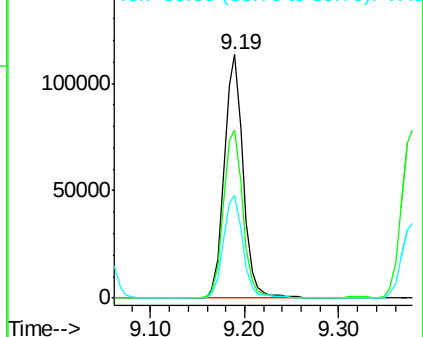


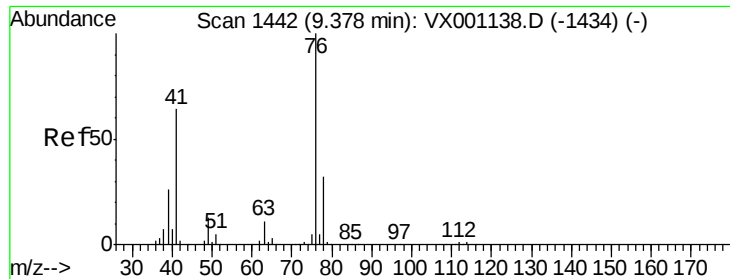
#56
 Ethyl methacrylate
 Concen: 48.73 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Tgt Ion:	69	Resp:	157658
Ion	Ratio	Lower	Upper
69	100		
41	70.8	57.7	86.5
39	43.3	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: 50.37 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

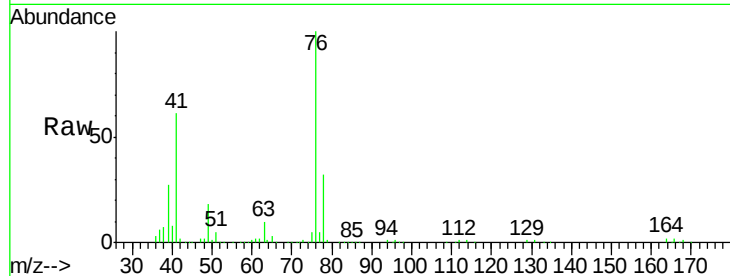
BP-HN-MW24S-20180424MS

Tgt Ion: 76 Resp: 177940

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

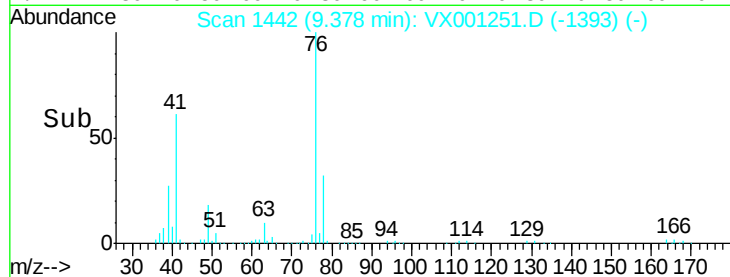
150000

100000

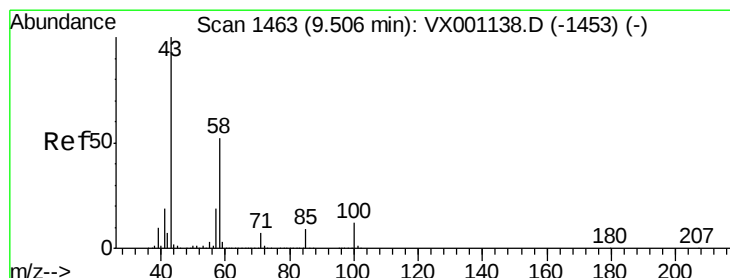
50000

0

9.30 9.35 9.40 9.45 9.50



Time-->



#59

2-Hexanone

Concen: 222.48 ug/l

RT: 9.51 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VX001251.D

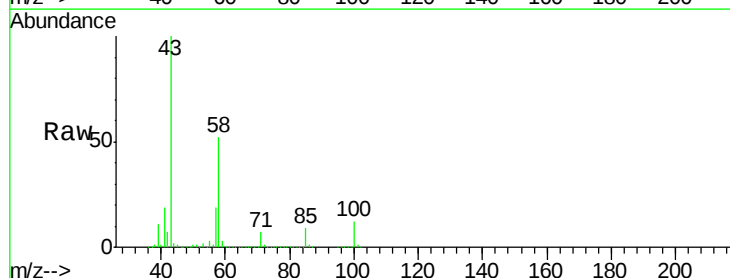
Acq: 29 Apr 2018 08:08

Tgt Ion: 43 Resp: 587624

Ion Ratio Lower Upper

43 100

58 51.6 25.8 77.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

500000

400000

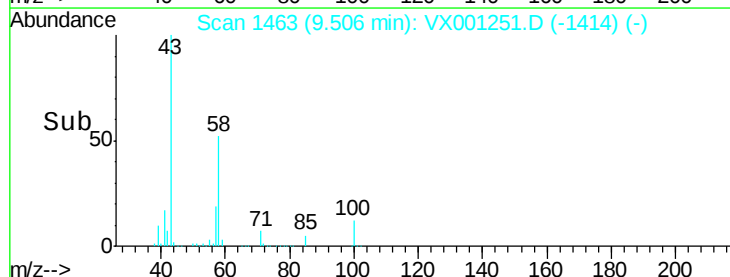
300000

200000

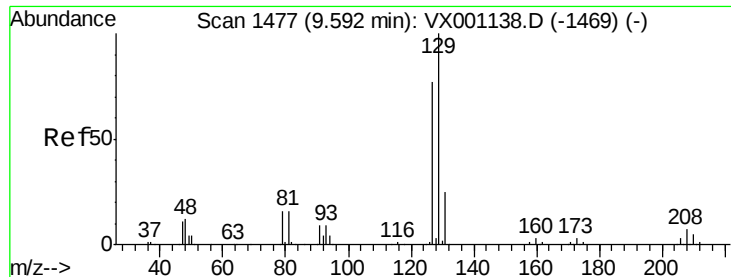
100000

0

9.40 9.50 9.60



Time-->



#60

Dibromochloromethane

Concen: 47.37 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

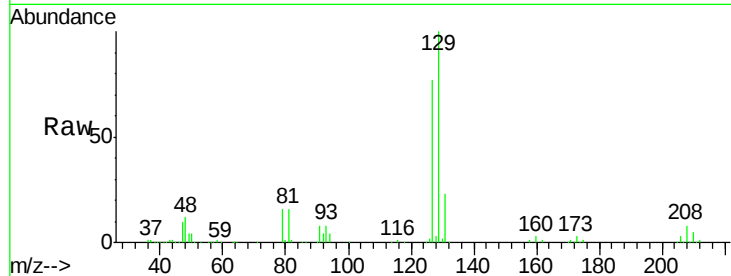
BP-HN-MW24S-20180424MS

Tgt Ion:129 Resp: 120370

Ion Ratio Lower Upper

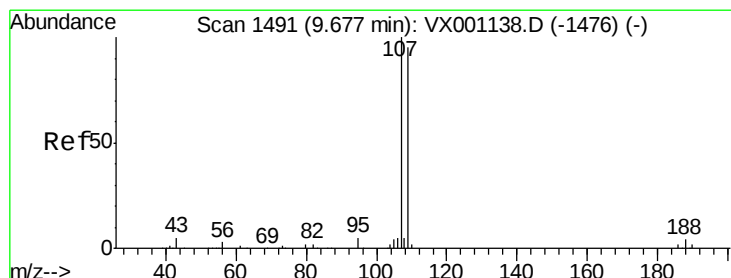
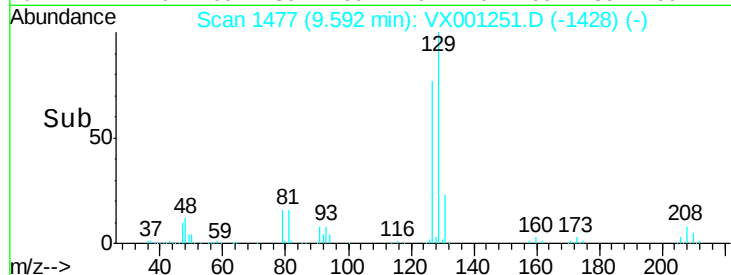
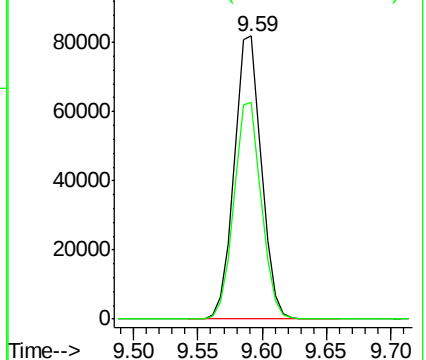
129 100

127 77.0 38.4 115.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 51.68 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001251.D

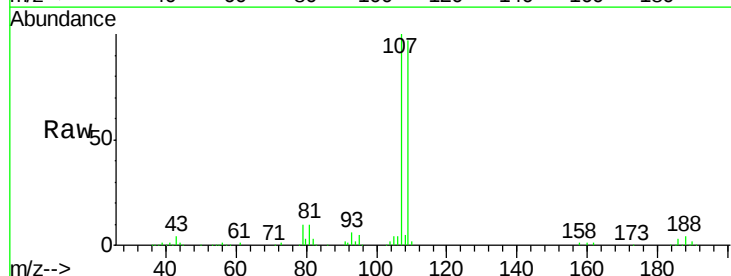
Acq: 29 Apr 2018 08:08

Tgt Ion:107 Resp: 118242

Ion Ratio Lower Upper

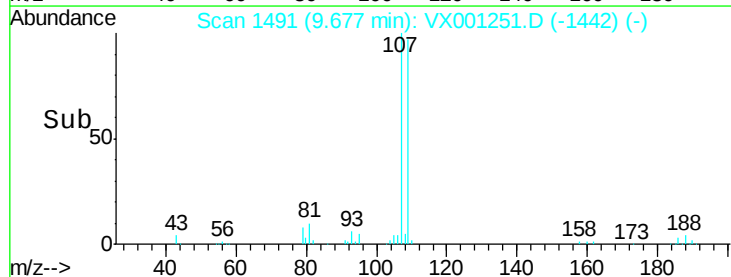
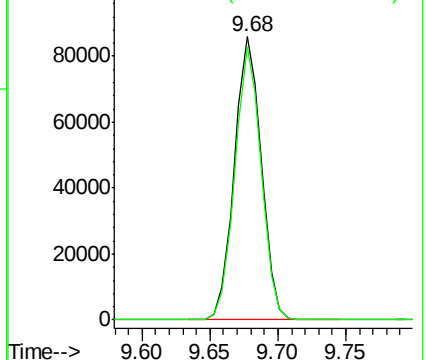
107 100

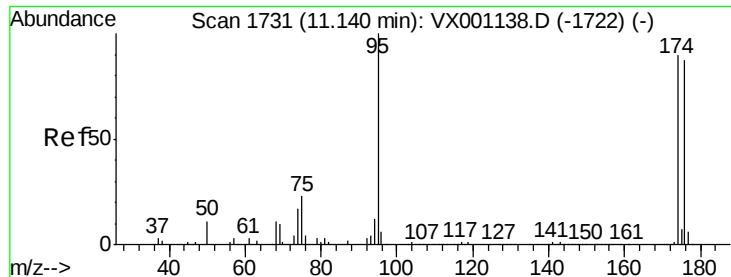
109 94.3 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 48.37 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MS

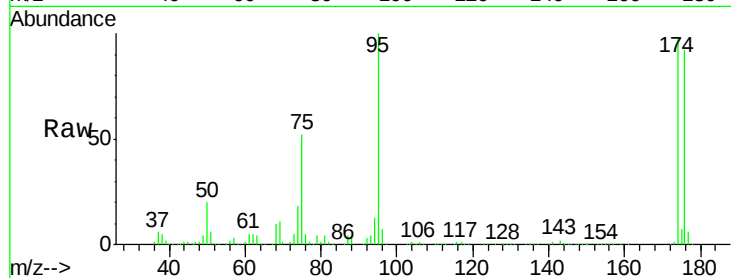
Tgt Ion: 95 Resp: 146153

Ion Ratio Lower Upper

95 100

174 103.1 0.0 194.4

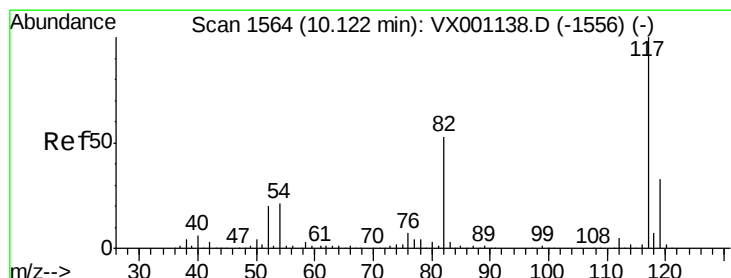
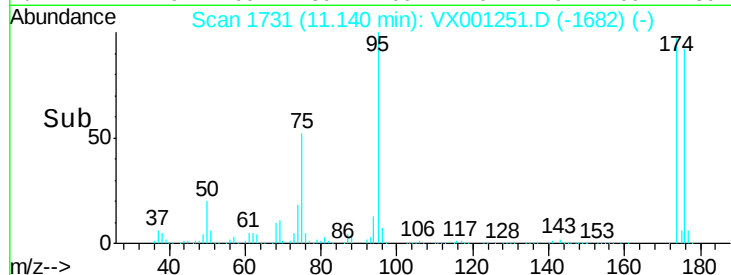
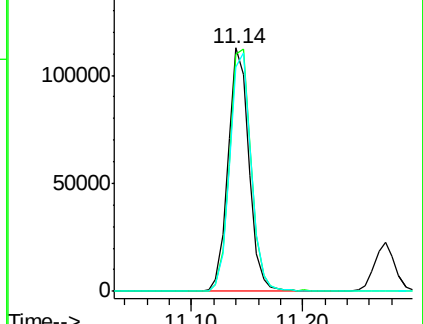
176 100.3 0.0 190.2



Abundance Ion 94.90 (94.60 to 95.60): VX001138.D (-1722) (-)

Ion 173.80 (173.50 to 174.50): VX001138.D (-1722) (-)

Ion 175.80 (175.50 to 176.50): VX001138.D (-1722) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

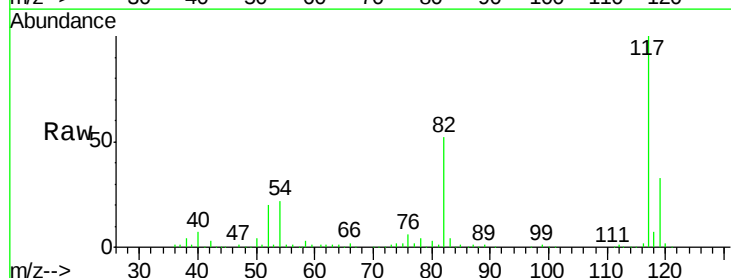
Tgt Ion: 117 Resp: 242619

Ion Ratio Lower Upper

117 100

82 52.5 42.1 63.1

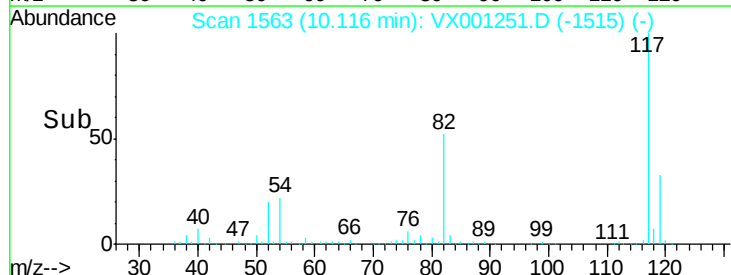
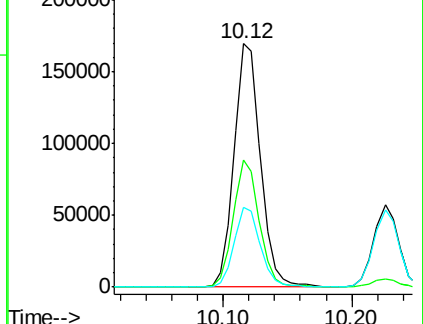
119 33.0 26.1 39.1

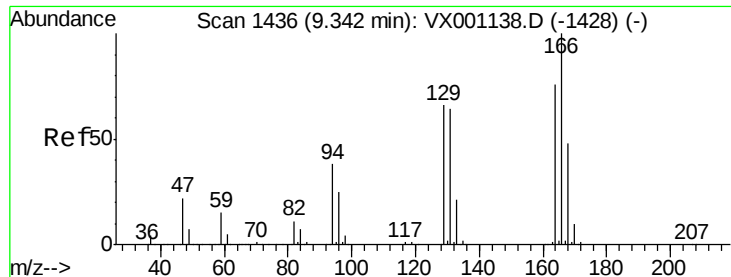


Abundance Ion 116.90 (116.60 to 117.60): VX001138.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX001138.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX001138.D (-1556) (-)





#64

Tetrachloroethene

Concen: 52.48 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MS

Tgt Ion:164 Resp: 135916

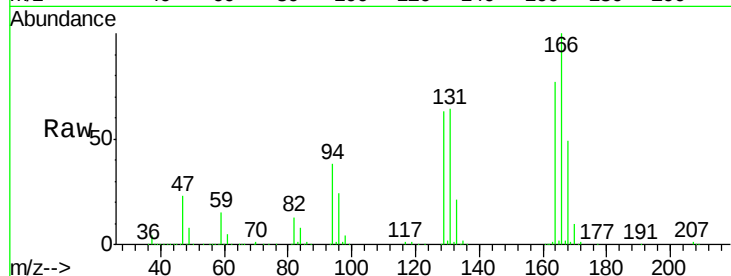
Ion Ratio Lower Upper

164 100

166 130.0 105.0 157.6

129 81.9 69.4 104.2

131 82.9 67.3 100.9

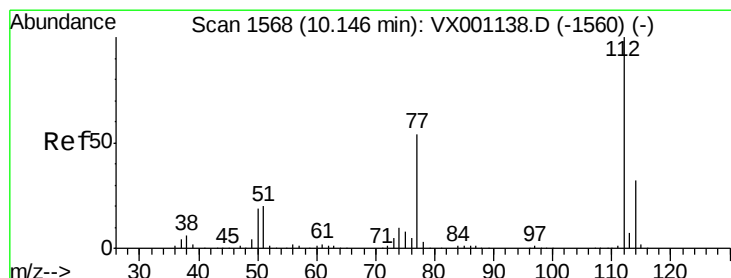
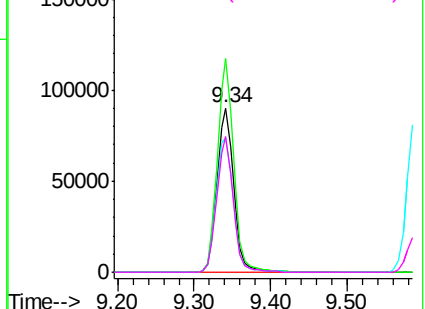
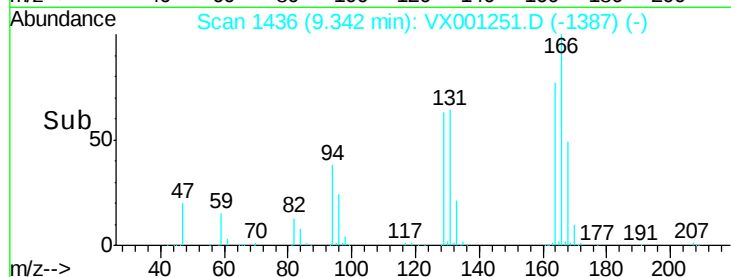


Abundance Ion 163.80 (163.50 to 164.50): V

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: 49.92 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001251.D

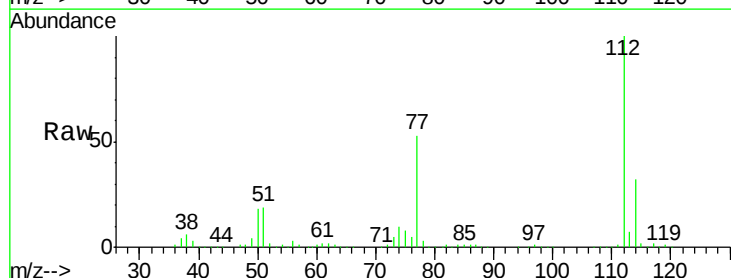
Acq: 29 Apr 2018 08:08

Tgt Ion:112 Resp: 317297

Ion Ratio Lower Upper

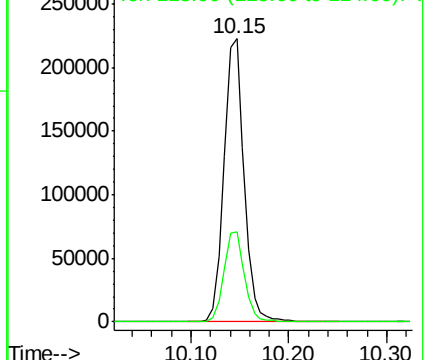
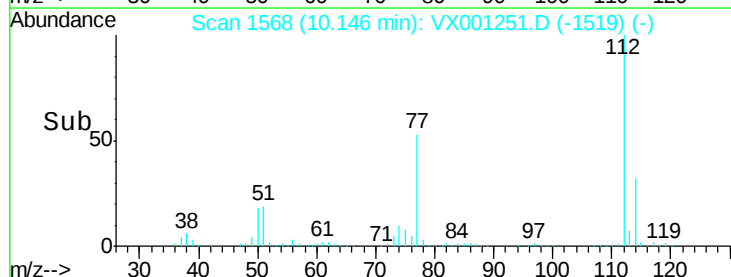
112 100

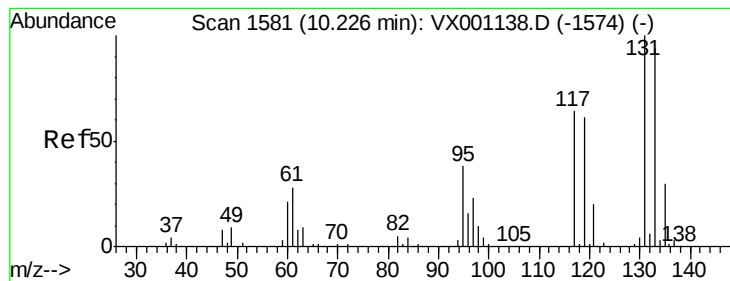
114 31.9 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 53.19 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MS

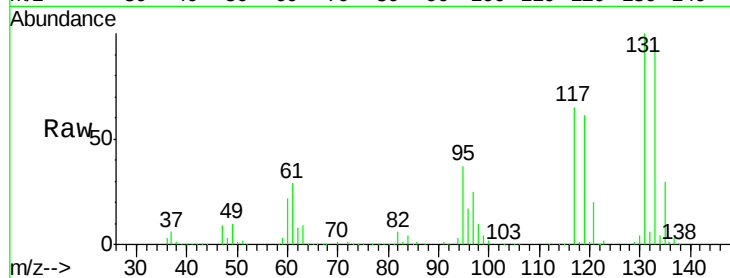
Tgt Ion:131 Resp: 116975

Ion Ratio Lower Upper

131 100

133 96.7 47.8 143.4

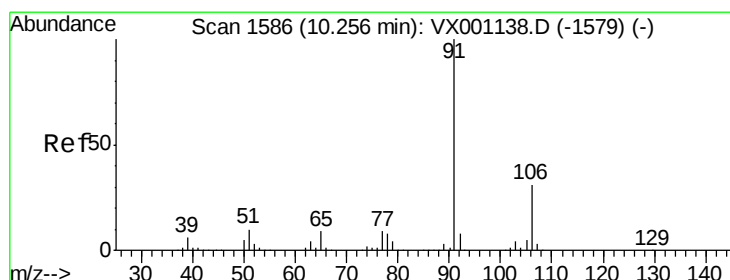
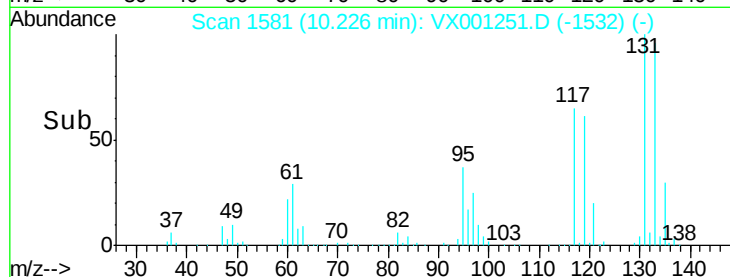
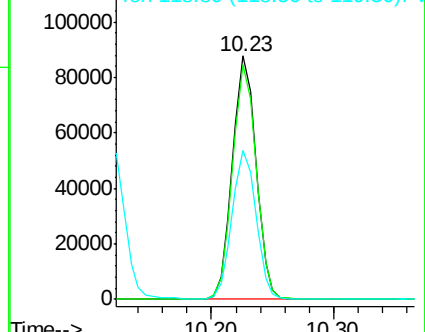
119 62.0 31.3 93.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 50.57 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001251.D

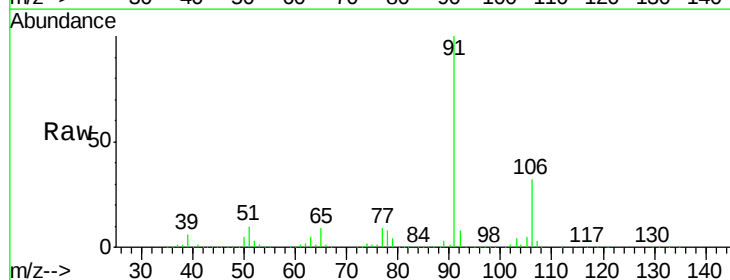
Acq: 29 Apr 2018 08:08

Tgt Ion: 91 Resp: 522253

Ion Ratio Lower Upper

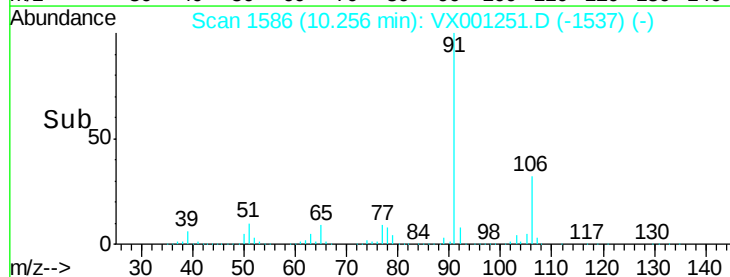
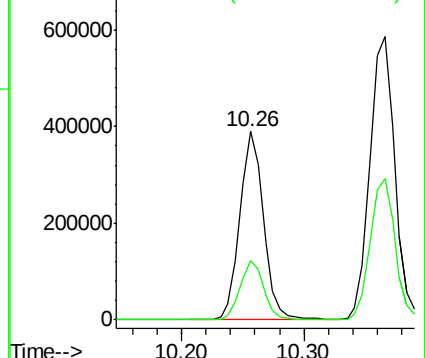
91 100

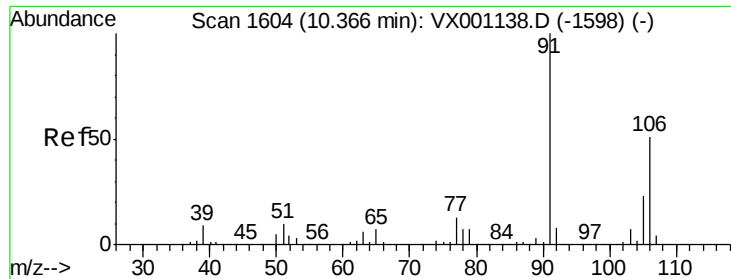
106 31.6 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

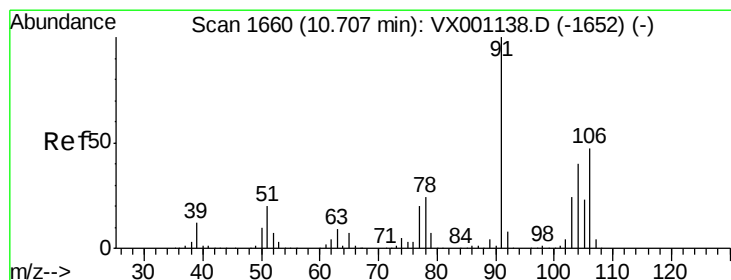
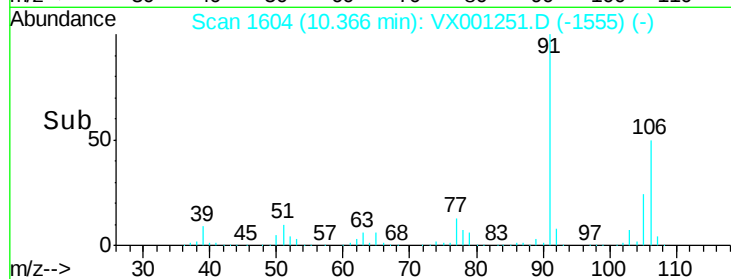
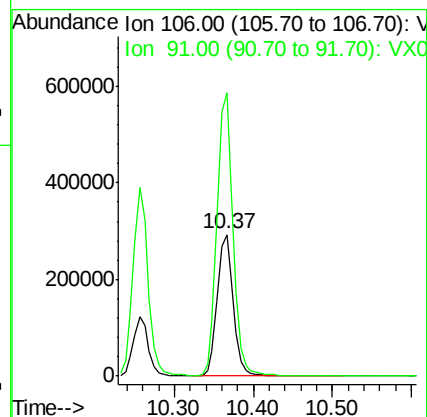
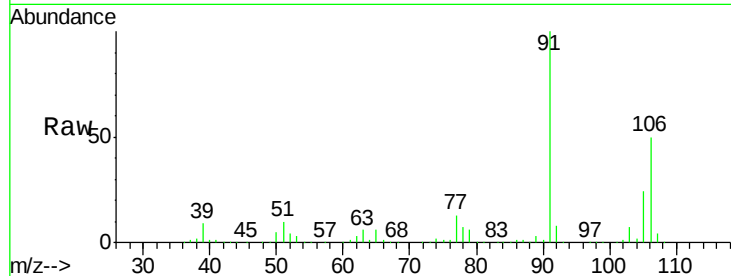




#68
m/p-Xylenes
Concen: 102.14 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

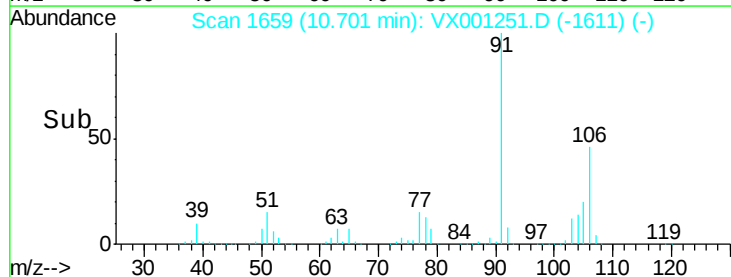
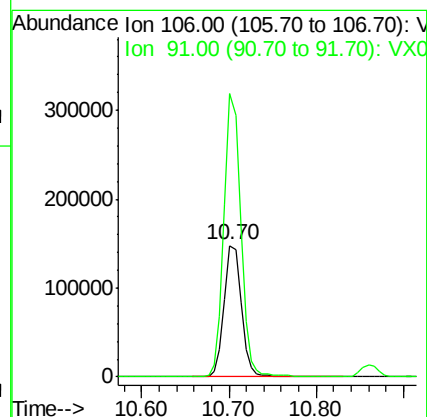
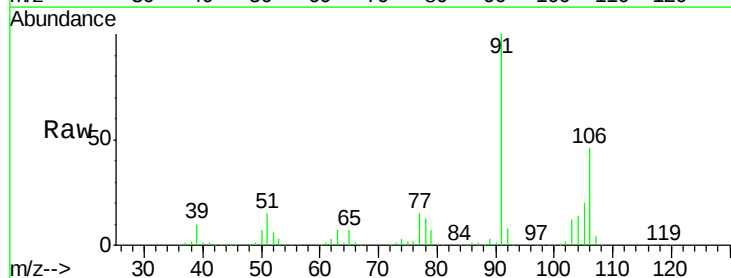
Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW24S-20180424MS

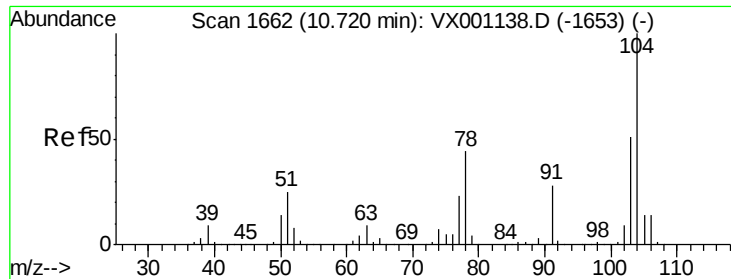
Tgt Ion:106 Resp: 417036
Ion Ratio Lower Upper
106 100
91 201.1 160.9 241.3



#69
o-Xylene
Concen: 51.13 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Tgt Ion:106 Resp: 202498
Ion Ratio Lower Upper
106 100
91 210.2 106.2 318.5

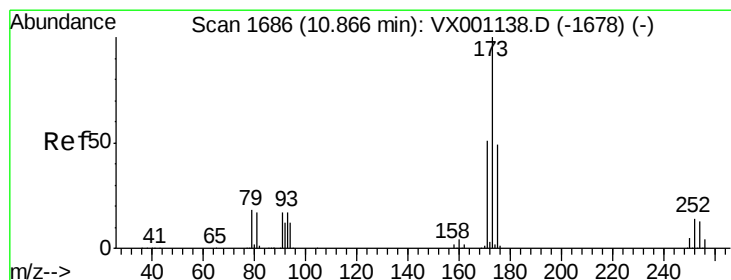
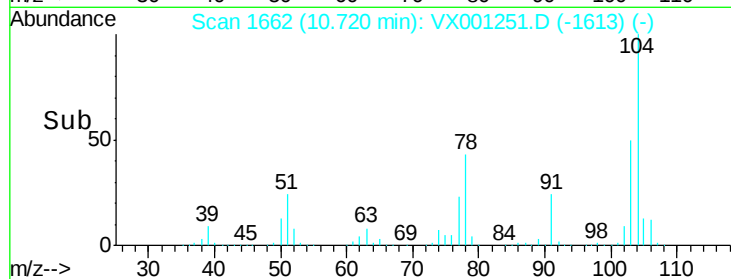
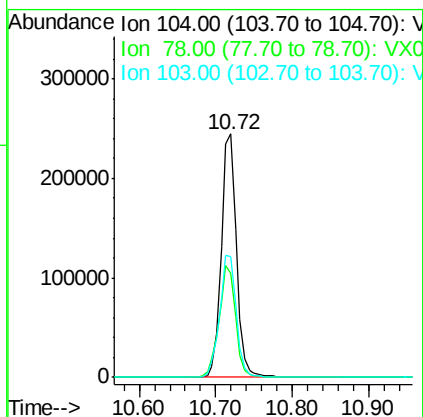
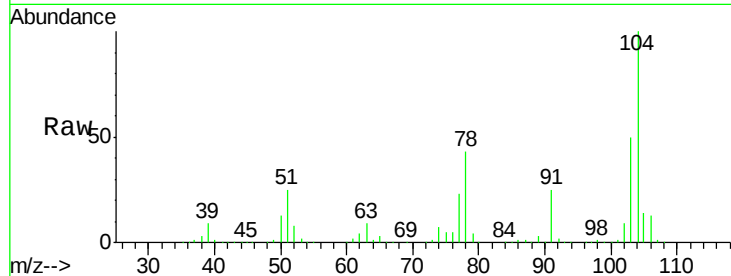




#70
Styrene
Concen: 50.90 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

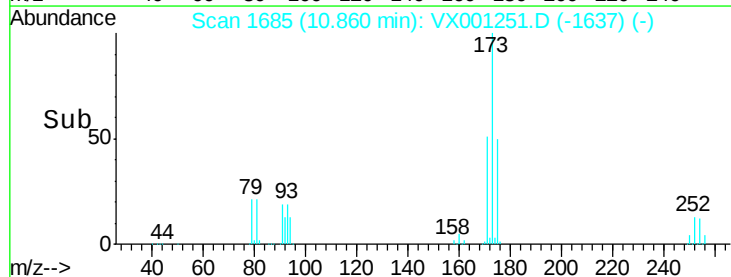
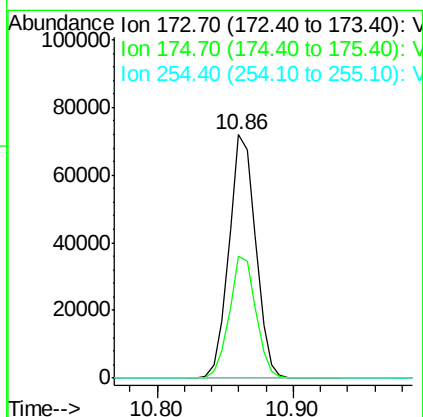
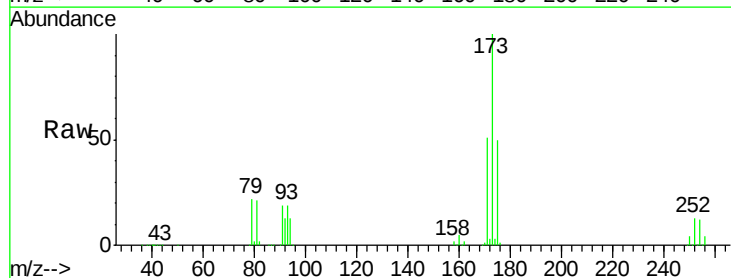
Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW24S-20180424MS

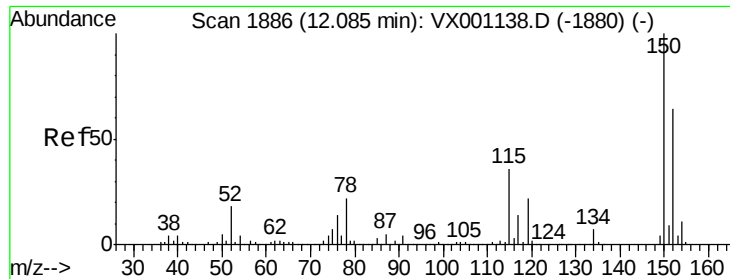
Tgt Ion:104 Resp: 335478
Ion Ratio Lower Upper
104 100
78 50.1 40.3 60.5
103 55.4 44.3 66.5



#71
Bromoform
Concen: 43.05 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Tgt Ion:173 Resp: 97817
Ion Ratio Lower Upper
173 100
175 49.5 24.6 73.8
254 0.2 0.2 0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MS

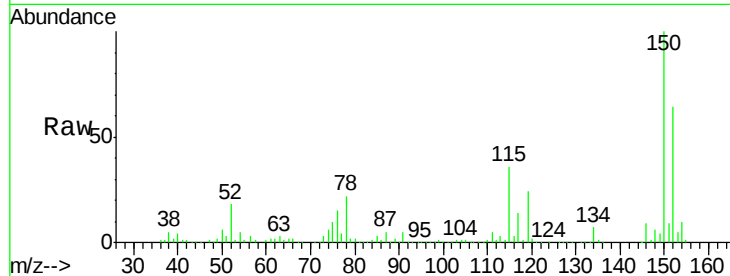
Tgt Ion:152 Resp: 167654

Ion Ratio Lower Upper

152 100

115 76.9 38.0 114.0

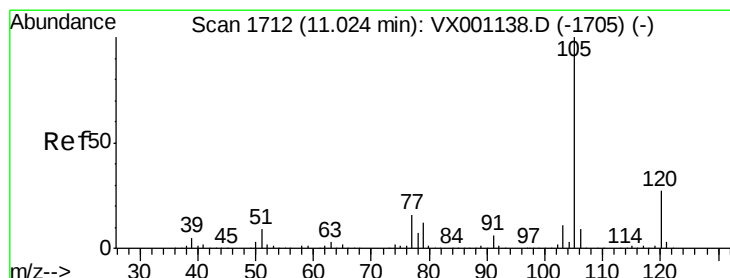
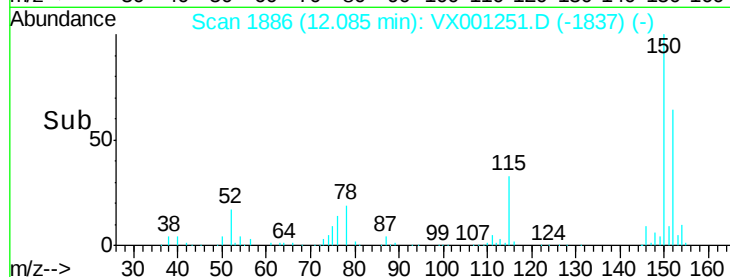
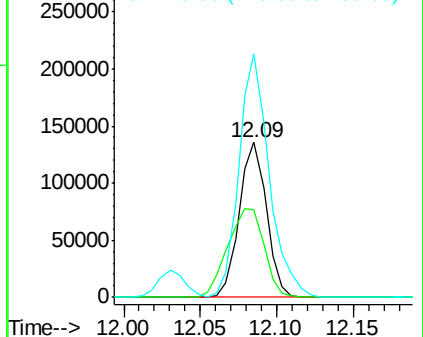
150 173.8 0.0 349.6



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: 49.31 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001251.D

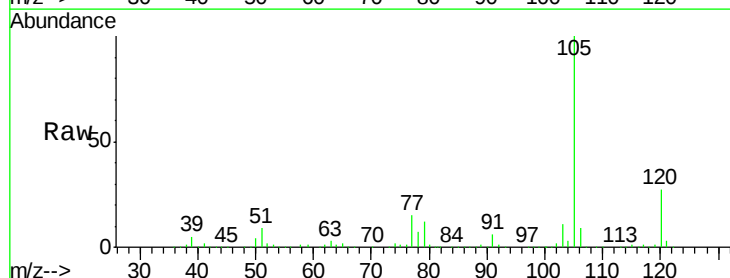
Acq: 29 Apr 2018 08:08

Tgt Ion:105 Resp: 538795

Ion Ratio Lower Upper

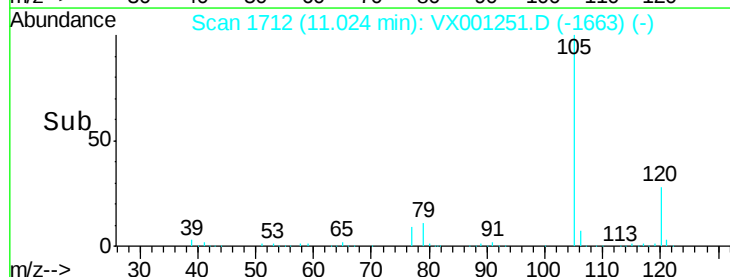
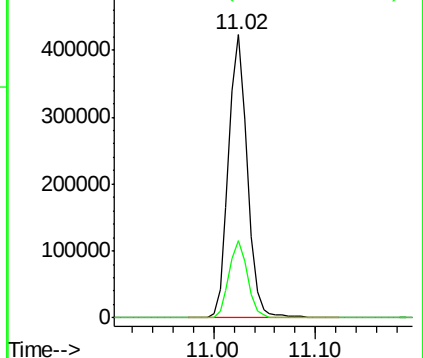
105 100

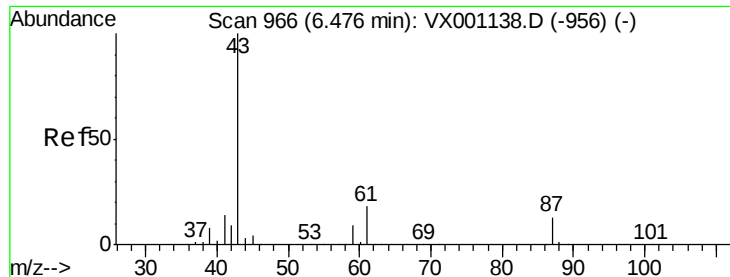
120 27.2 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 38.30 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

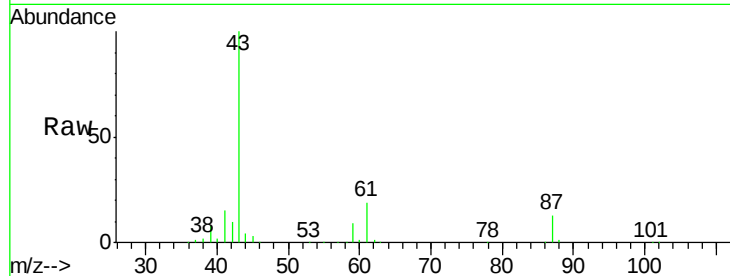
ClientSampleId :

BP-HN-MW24S-20180424MS

Tgt Ion: 43 Resp: 210914

Ion Ratio Lower Upper

43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0#
61	18.9	15.0	22.6

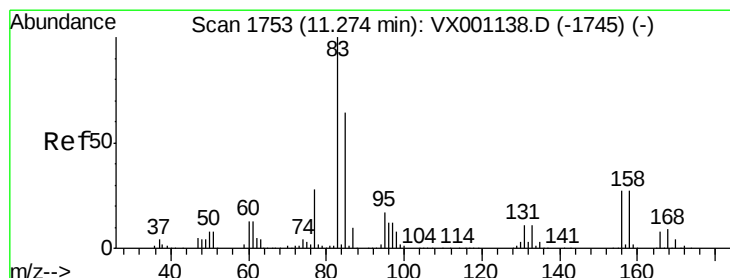
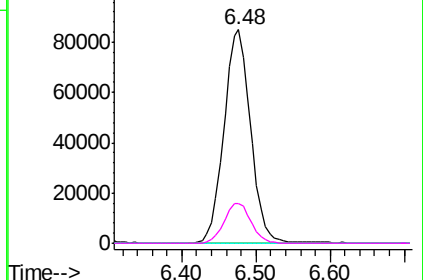
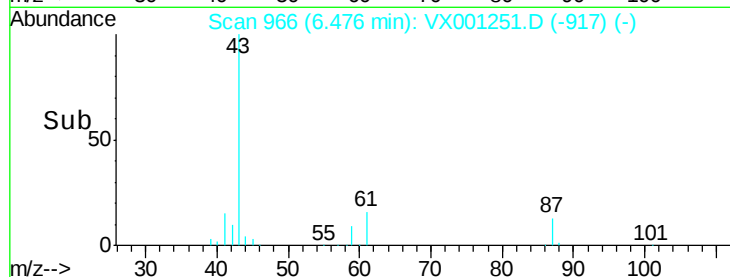


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 46.21 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

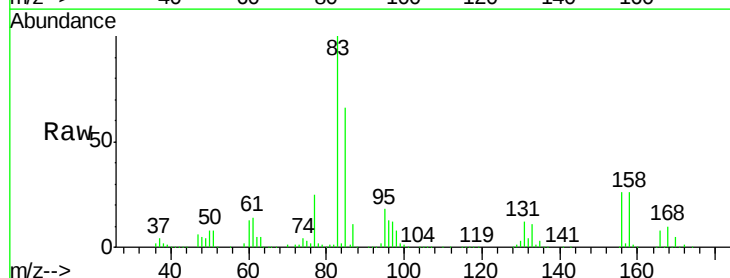
Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Tgt Ion: 83 Resp: 167525

Ion Ratio Lower Upper

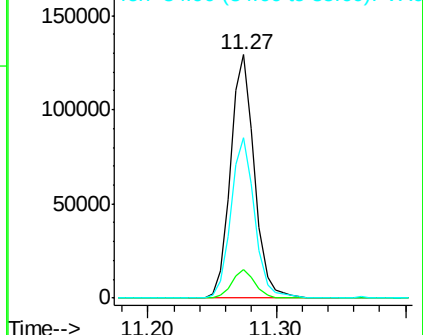
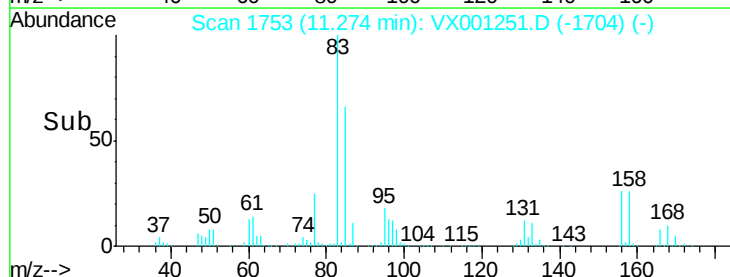
83	100		
131	11.5	5.8	17.4
85	65.7	32.1	96.3

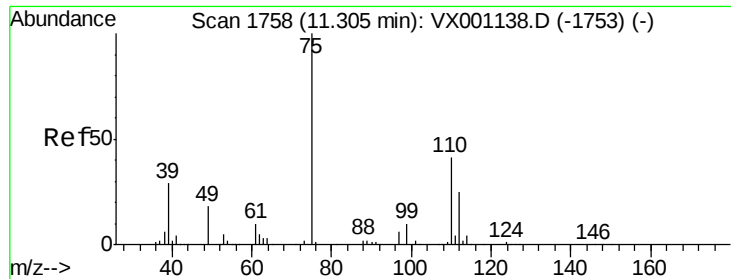


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 51.85 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

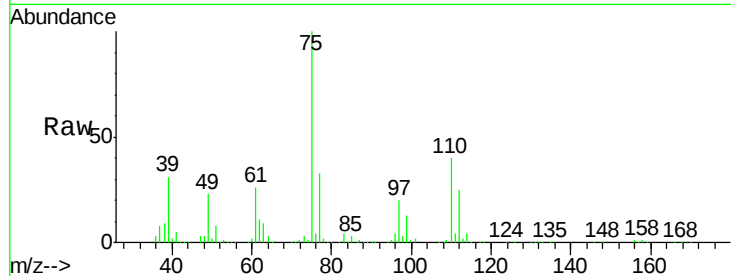
BP-HN-MW24S-20180424MS

Tgt Ion: 75 Resp: 176994

Ion Ratio Lower Upper

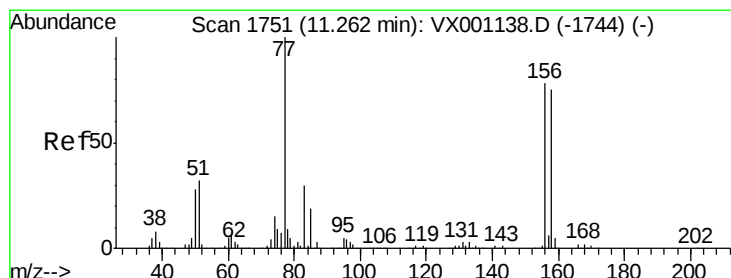
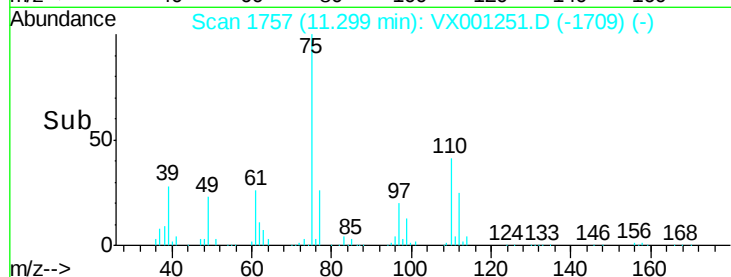
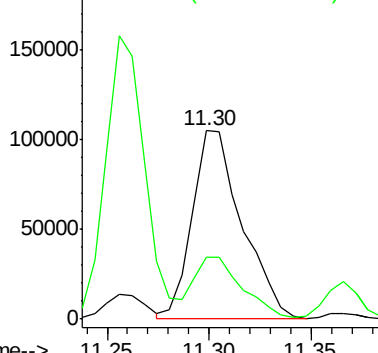
75 100

77 31.3 18.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 49.58 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

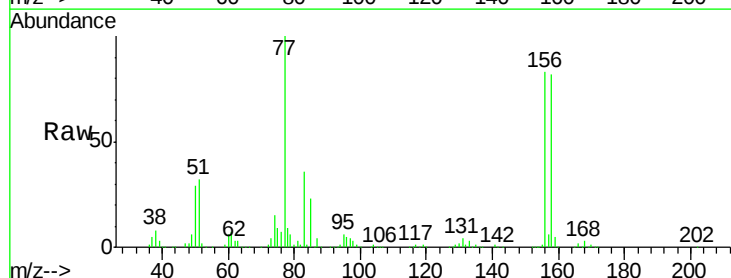
Tgt Ion: 156 Resp: 160660

Ion Ratio Lower Upper

156 100

77 131.5 67.8 203.2

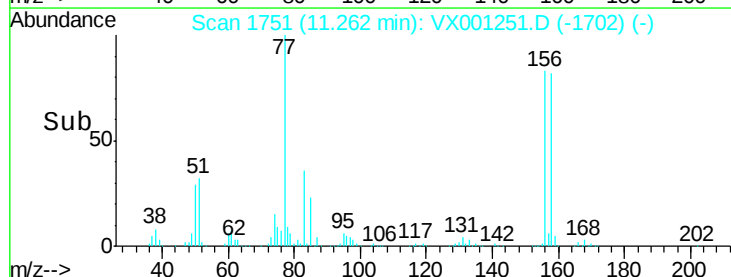
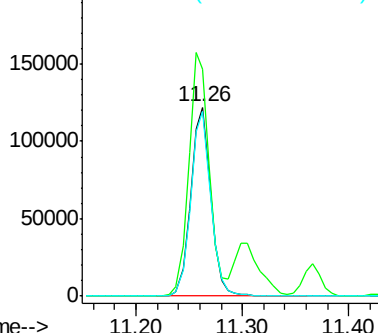
158 97.5 48.9 146.7

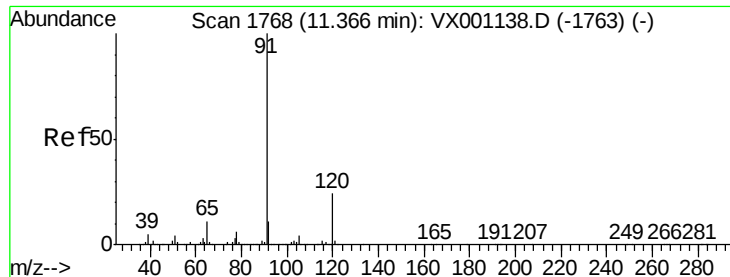


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

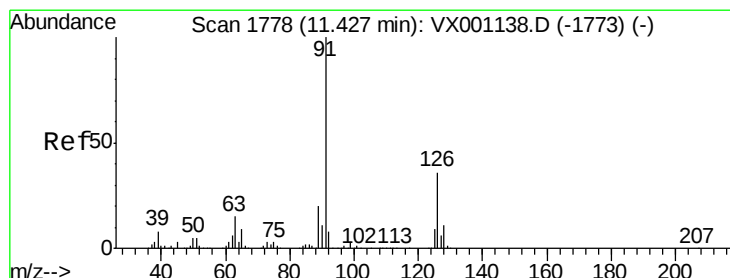
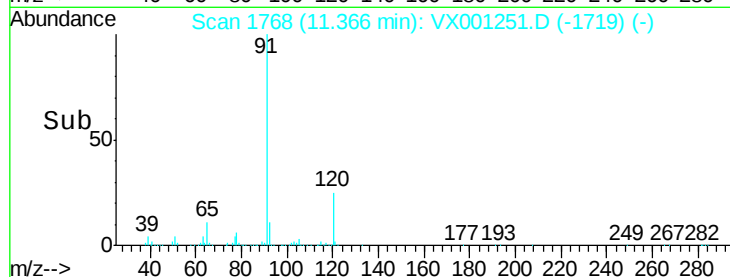
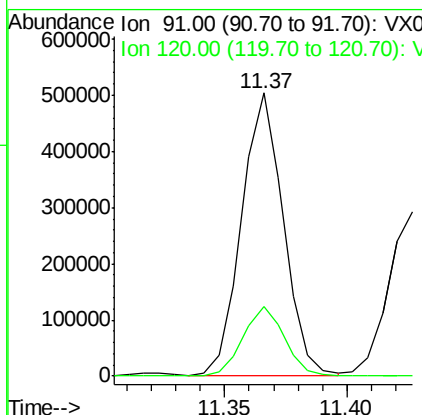
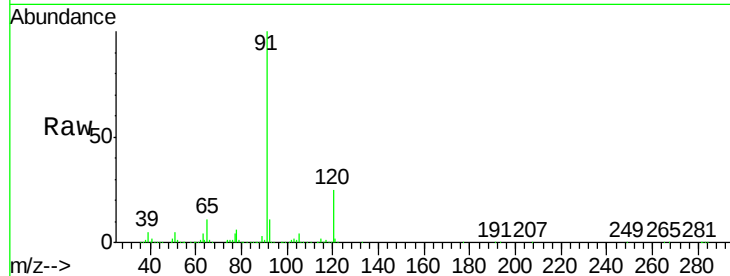




#78
n-propylbenzene
Concen: 49.10 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

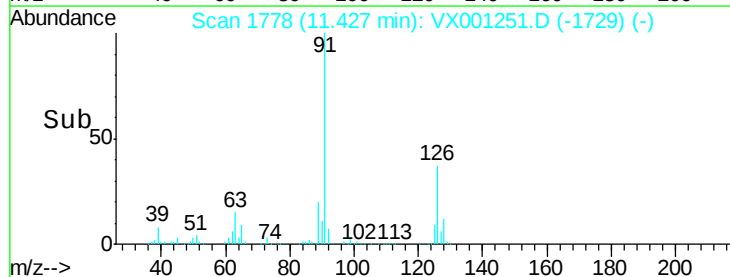
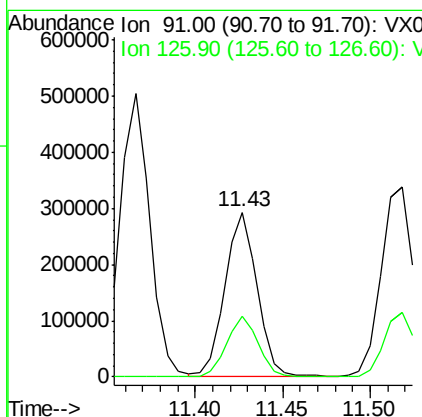
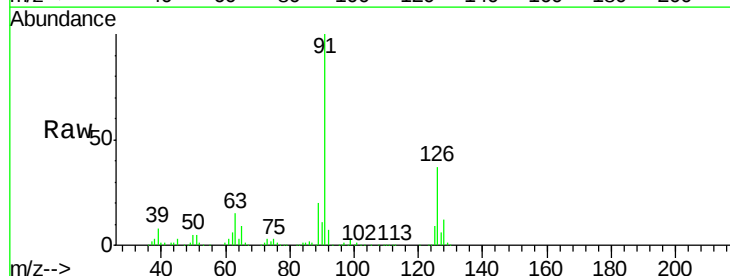
Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW24S-20180424MS

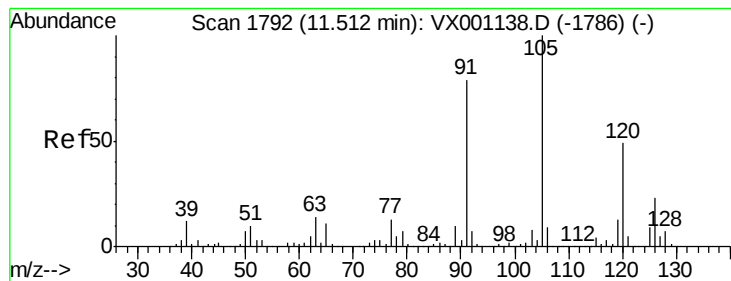
Tgt Ion: 91 Resp: 598339
Ion Ratio Lower Upper
91 100
120 25.0 12.2 36.6



#79
2-Chlorotoluene
Concen: 49.15 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Tgt Ion: 91 Resp: 371227
Ion Ratio Lower Upper
91 100
126 36.5 18.2 54.6





#80

1,3,5-Trimethylbenzene

Concen: 49.65 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

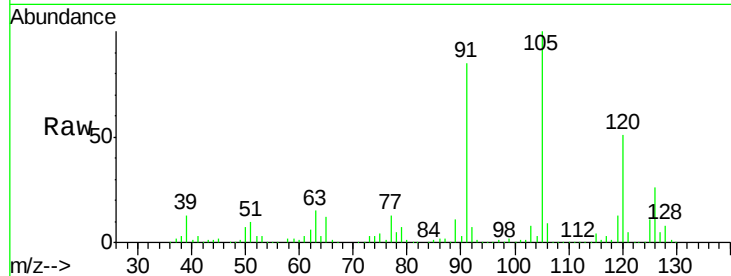
BP-HN-MW24S-20180424MS

Tgt Ion:105 Resp: 459342

Ion Ratio Lower Upper

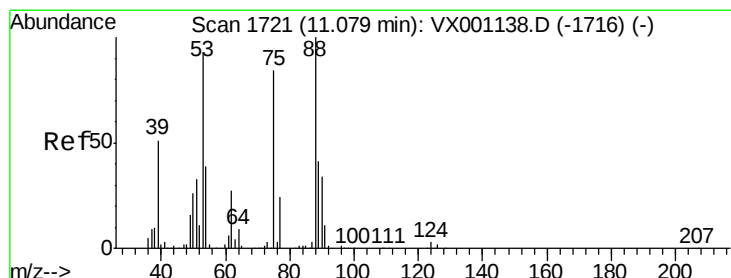
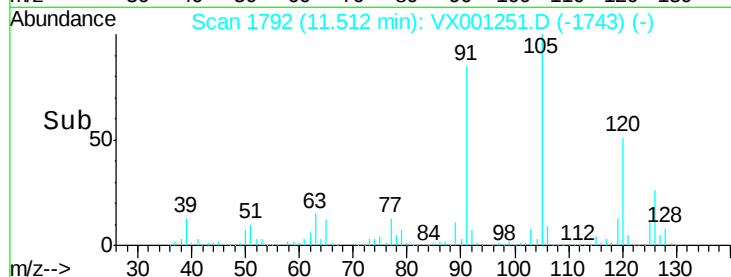
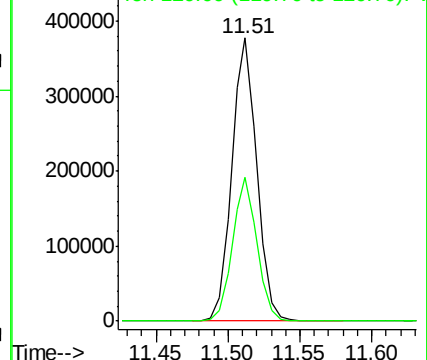
105 100

120 50.0 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 32.84 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

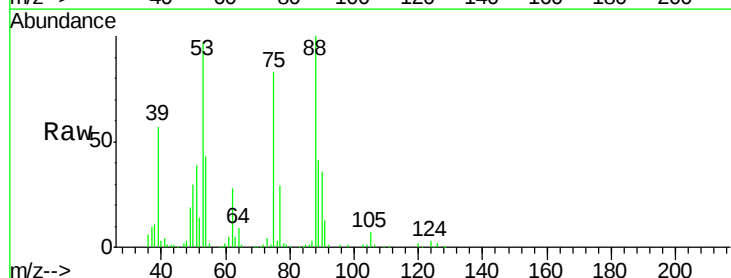
Tgt Ion: 75 Resp: 33147

Ion Ratio Lower Upper

75 100

53 116.0 87.9 131.9

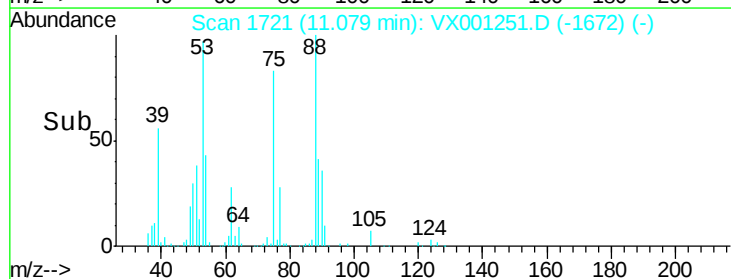
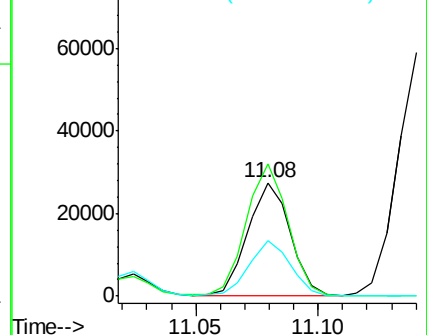
89 48.3 37.7 56.5

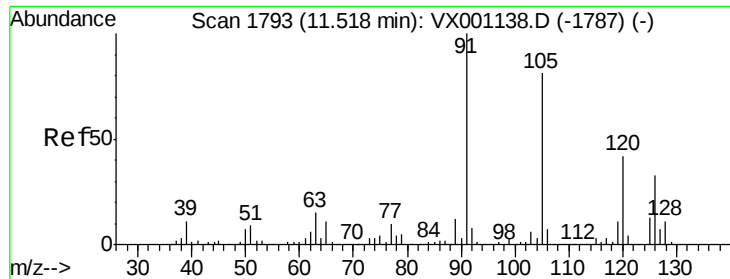


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

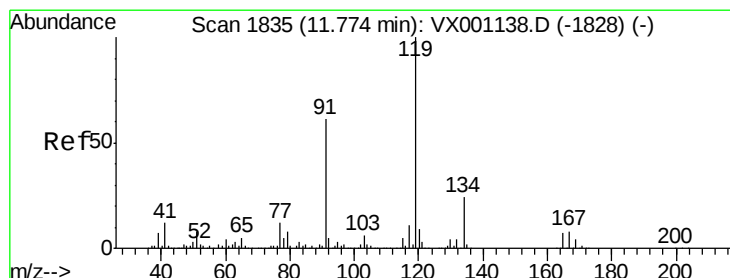
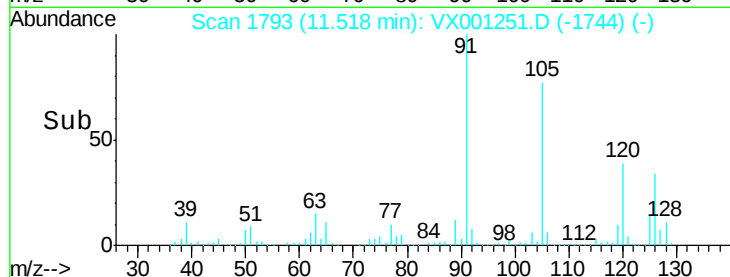
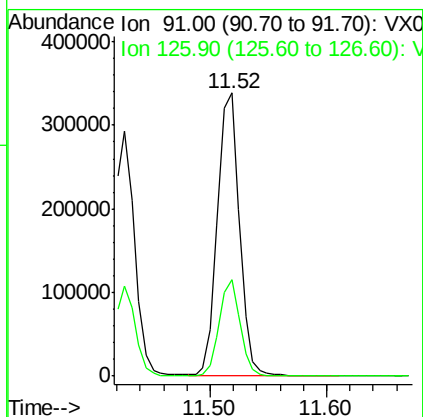
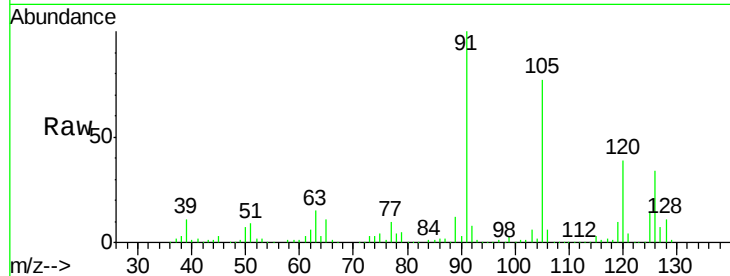




#82
4-Chlorotoluene
Concen: 49.21 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

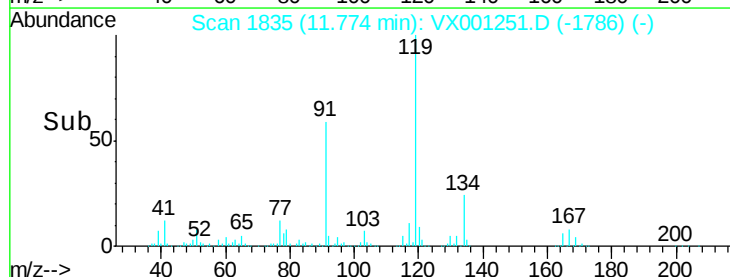
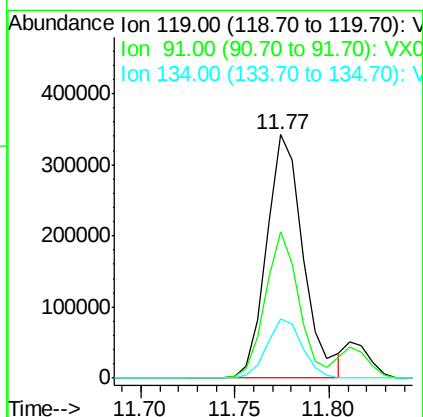
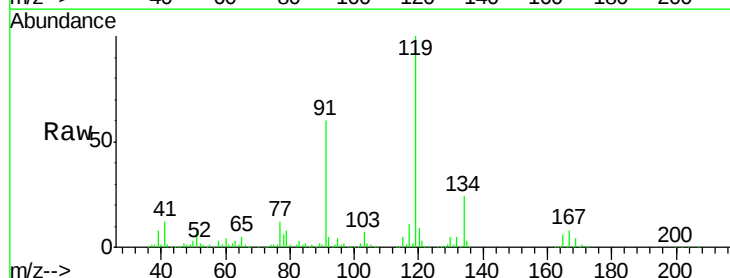
Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW24S-20180424MS

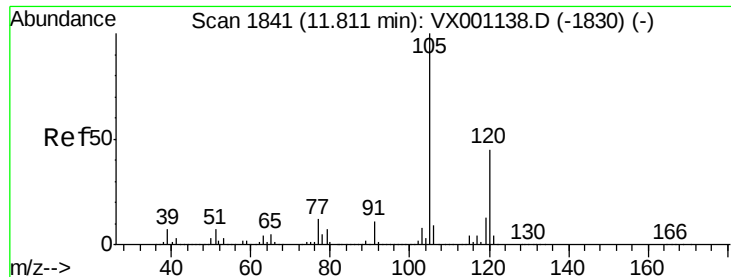
Tgt Ion: 91 Resp: 441822
Ion Ratio Lower Upper
91 100
126 32.4 15.8 47.4



#83
tert-Butylbenzene
Concen: 50.06 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Tgt Ion: 119 Resp: 462194
Ion Ratio Lower Upper
119 100
91 55.0 27.6 82.8
134 23.5 11.5 34.5

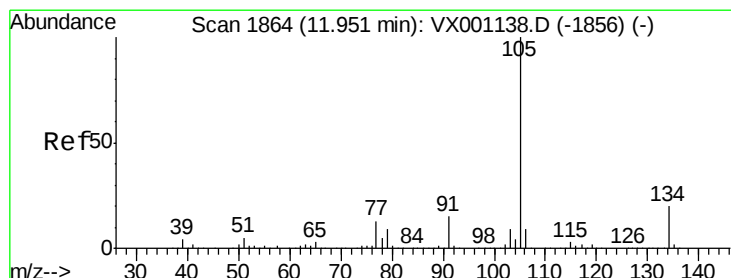
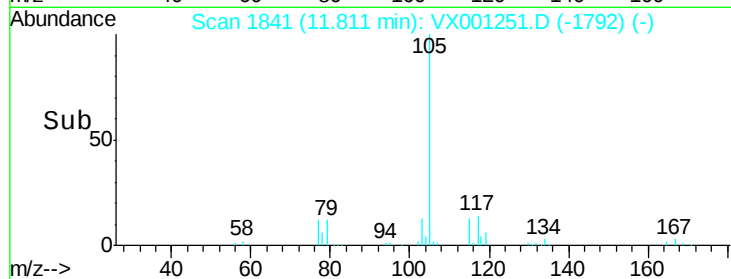
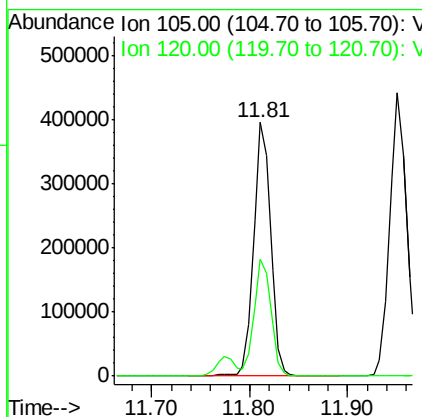
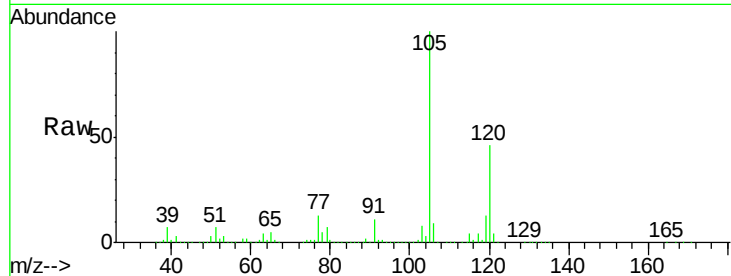




#84
 1,2,4-Trimethylbenzene
 Concen: 50.32 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

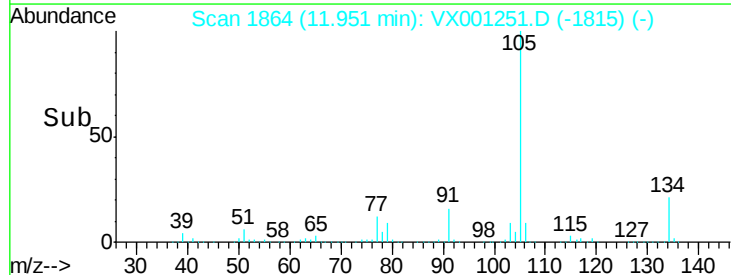
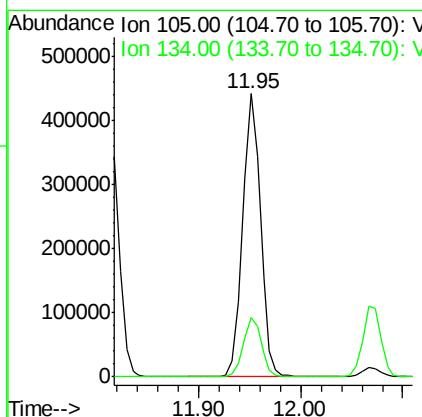
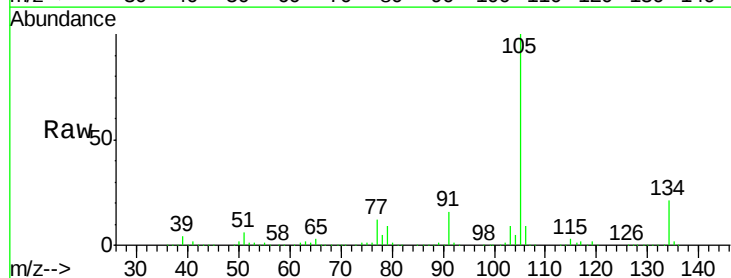
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-HN-MW24S-20180424MS

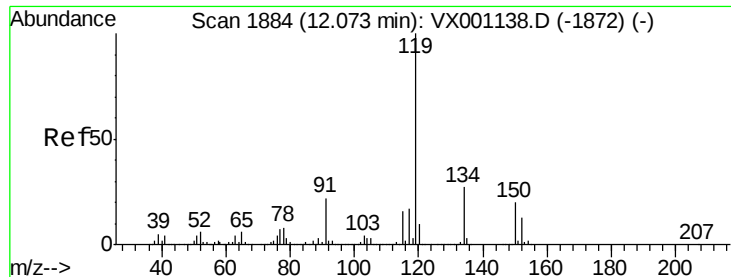
Tgt Ion:105 Resp: 478537
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.4 67.3



#85
 sec-Butylbenzene
 Concen: 49.29 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Tgt Ion:105 Resp: 531602
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.5 31.5





#86

p-Isopropyltoluene

Concen: 49.42 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MS

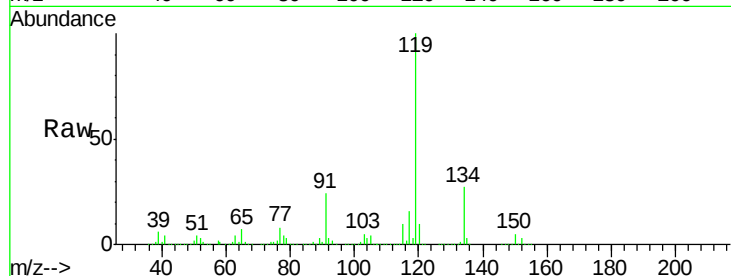
Tgt Ion:119 Resp: 495855

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

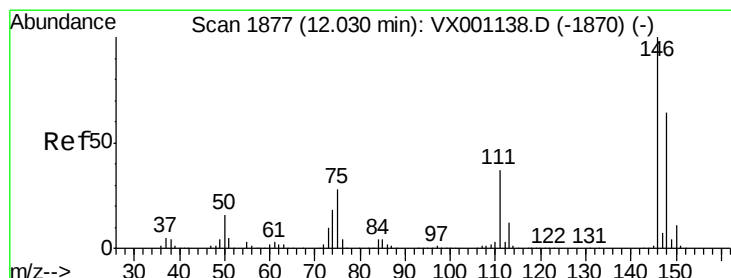
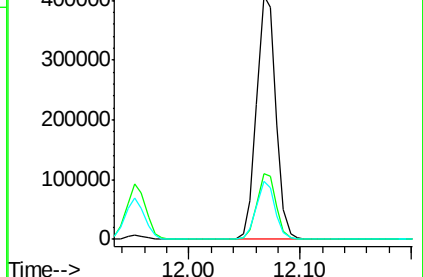
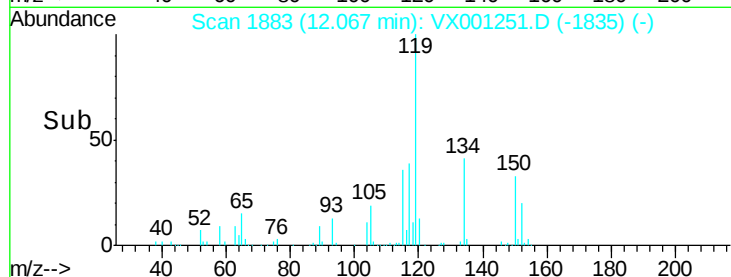
91 23.0 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 49.36 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

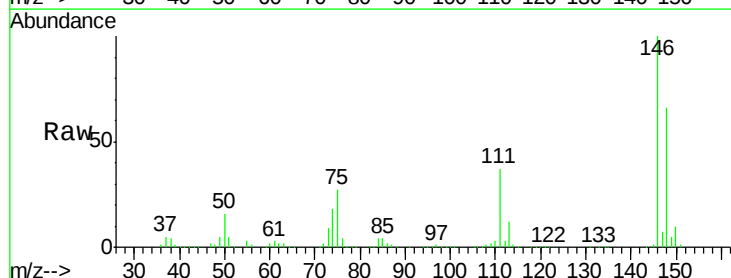
Tgt Ion:146 Resp: 287179

Ion Ratio Lower Upper

146 100

111 36.4 18.6 56.0

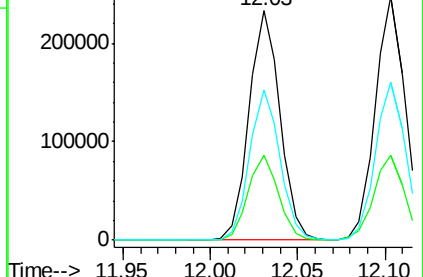
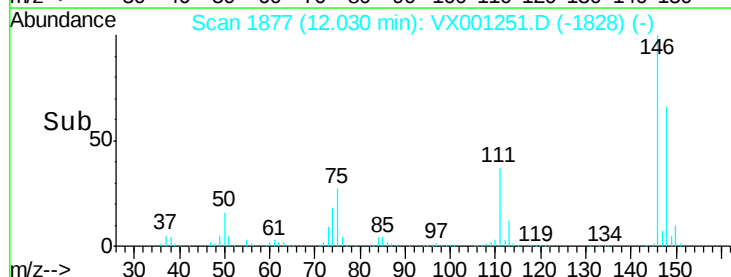
148 64.5 32.3 96.8

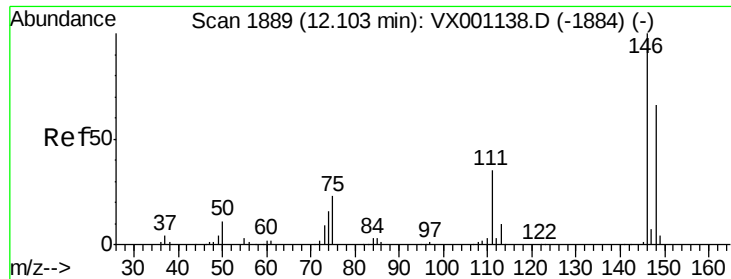


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

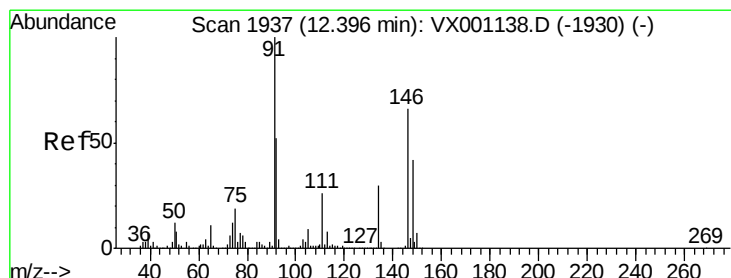
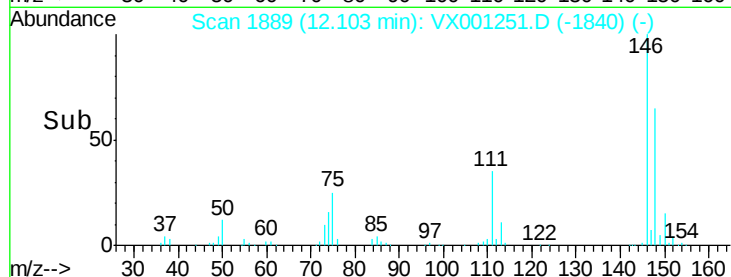
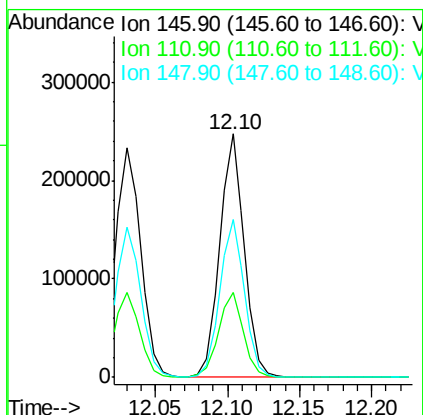
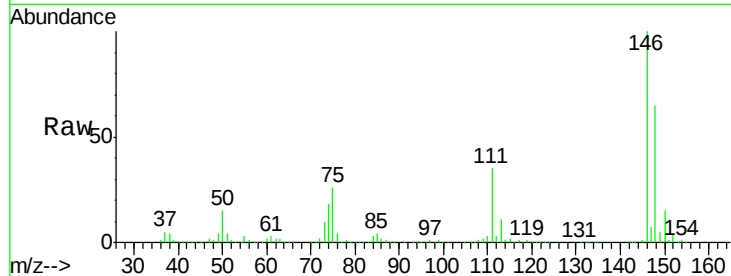




#88
 1,4-Dichlorobenzene
 Concen: 48.70 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

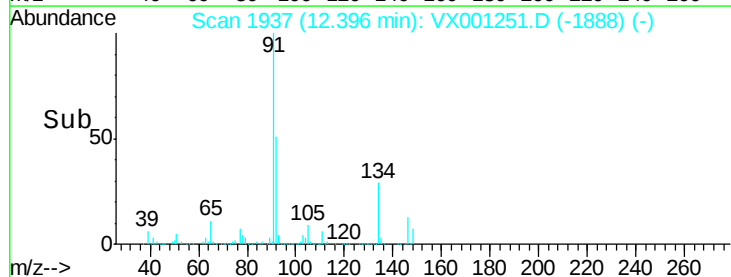
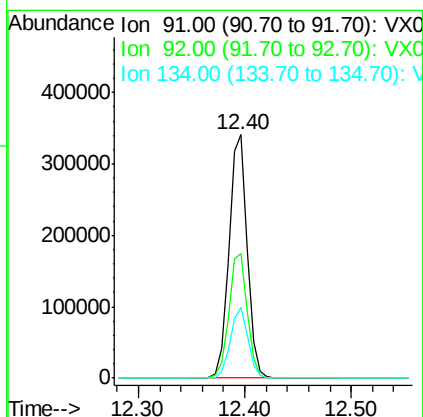
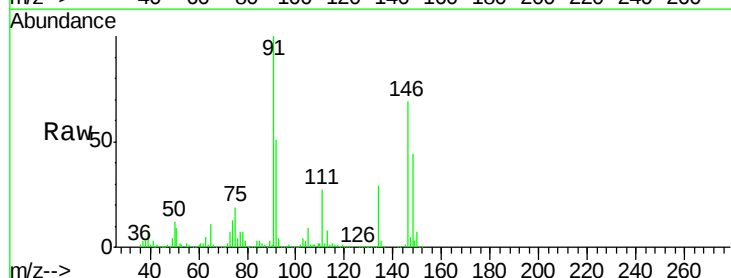
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-HN-MW24S-20180424MS

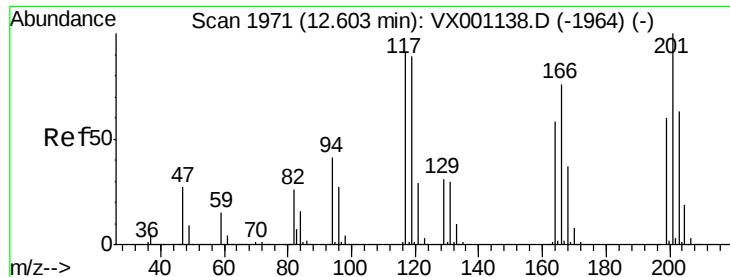
Tgt Ion: 146 Resp: 295195
 Ion Ratio Lower Upper
 146 100
 111 35.6 18.0 54.0
 148 65.5 32.5 97.5



#89
 n-Butylbenzene
 Concen: 46.78 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Tgt Ion: 91 Resp: 406213
 Ion Ratio Lower Upper
 91 100
 92 51.9 26.2 78.6
 134 28.2 14.1 42.3





#90

Hexachloroethane

Concen: 45.36 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

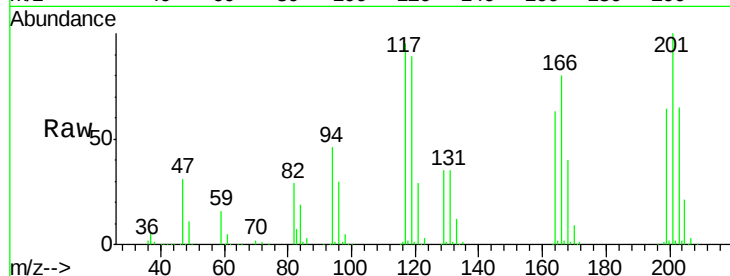
BP-HN-MW24S-20180424MS

Tgt Ion:117 Resp: 72902

Ion Ratio Lower Upper

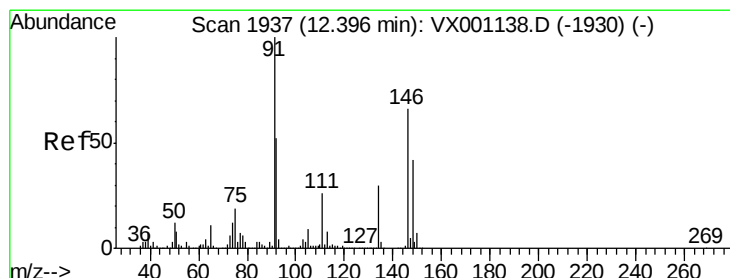
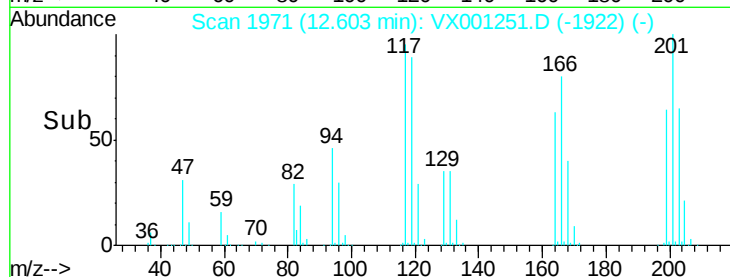
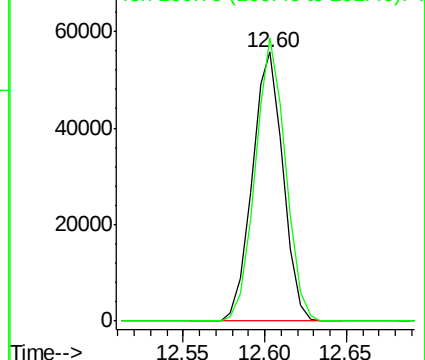
117 100

201 103.1 51.8 155.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 49.61 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

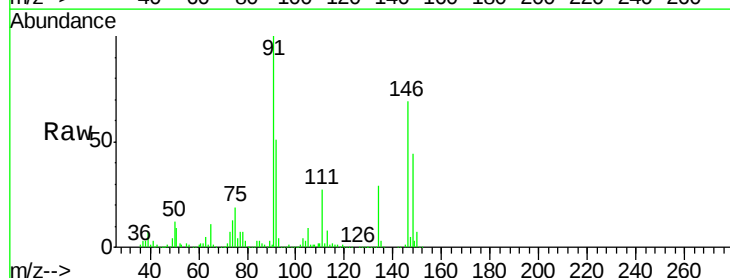
Tgt Ion:146 Resp: 291698

Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.3

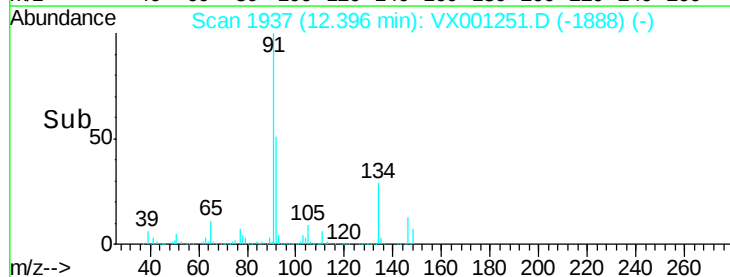
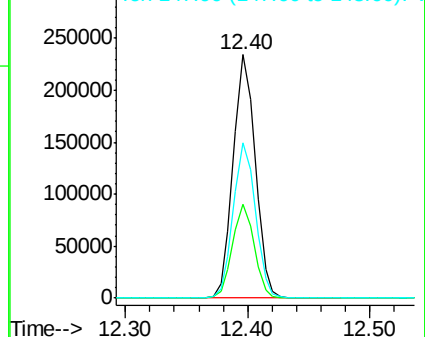
148 64.0 32.2 96.6

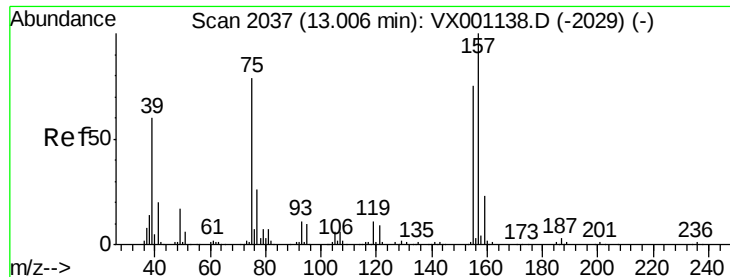


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 43.14 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MS

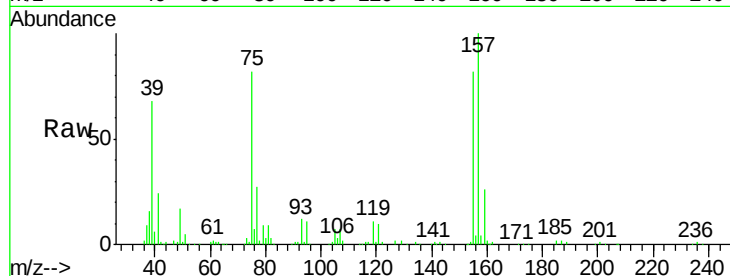
Tgt Ion: 75 Resp: 34516

Ion Ratio Lower Upper

75 100

155 101.1 48.4 145.3

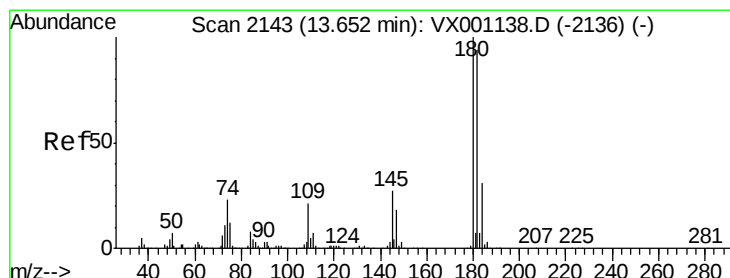
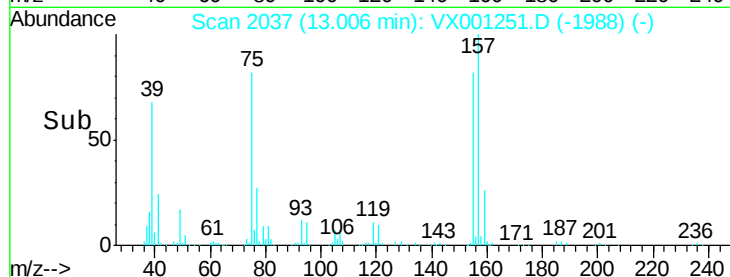
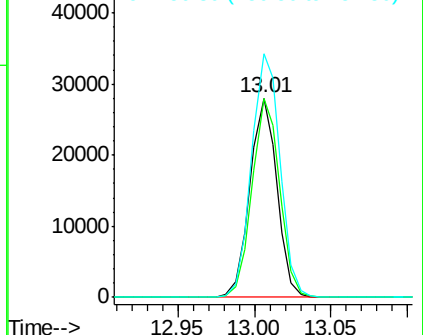
157 128.9 62.7 188.1



Abundance Ion 74.90 (74.60 to 75.60): VX

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 46.52 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

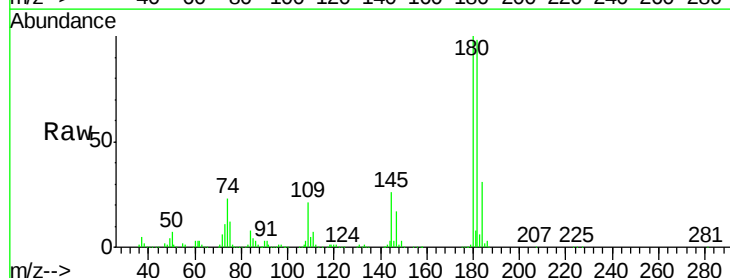
Tgt Ion: 180 Resp: 214439

Ion Ratio Lower Upper

180 100

182 96.3 47.9 143.6

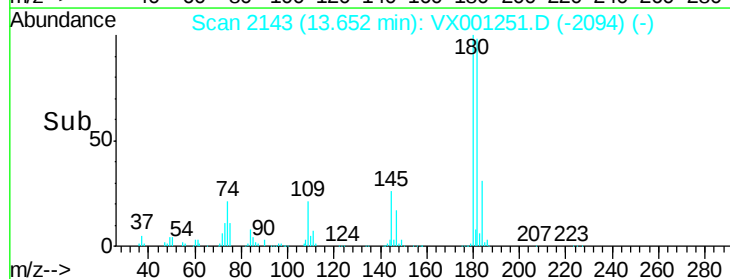
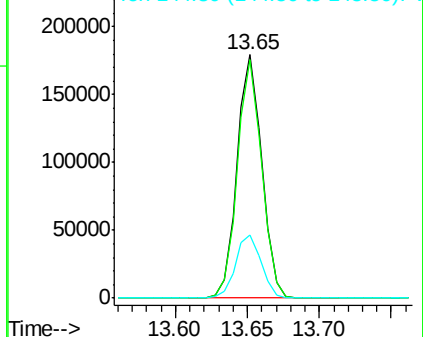
145 27.1 13.8 41.4

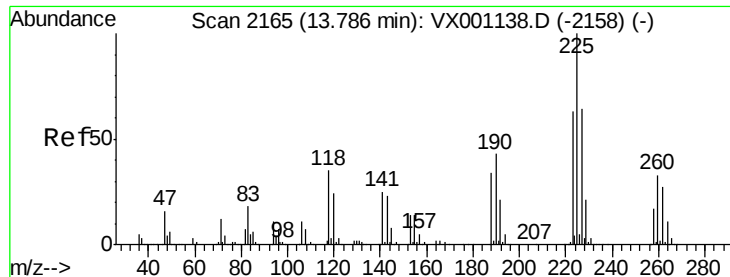


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 43.14 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MS

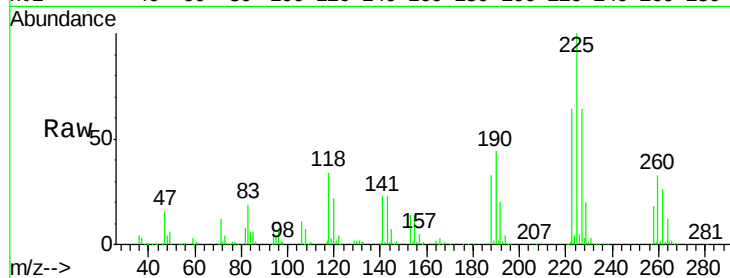
Tgt Ion:225 Resp: 93473

Ion Ratio Lower Upper

225 100

223 62.6 31.3 93.9

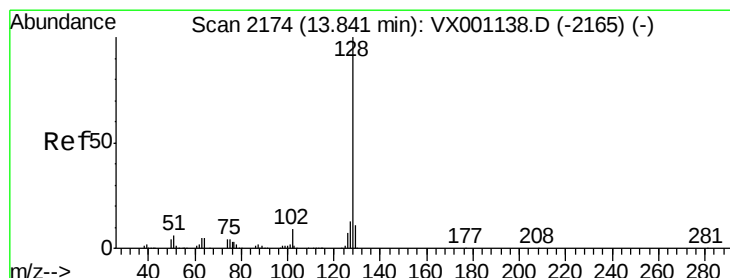
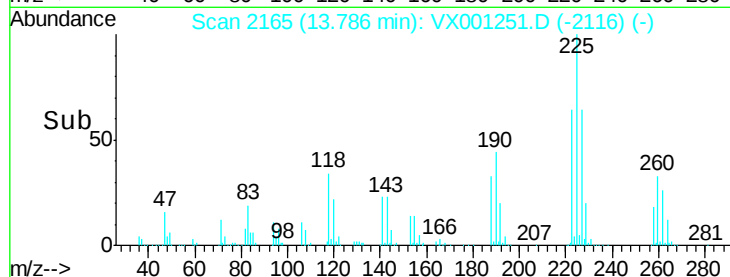
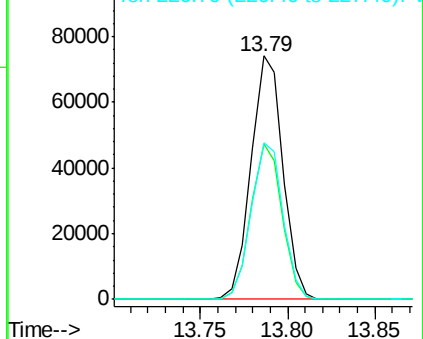
227 64.5 32.2 96.6



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 47.46 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

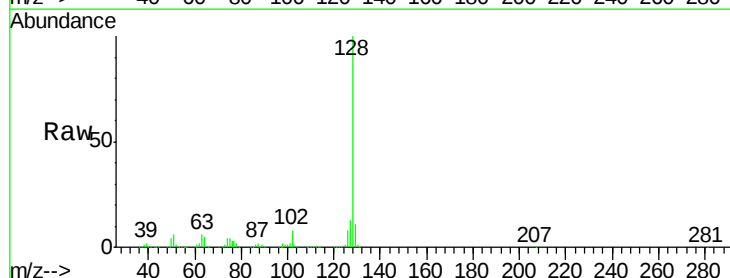
Tgt Ion:128 Resp: 609548

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

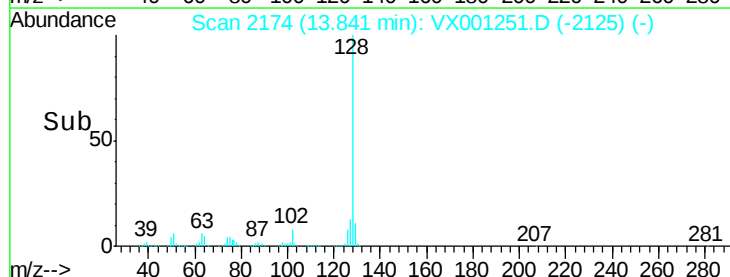
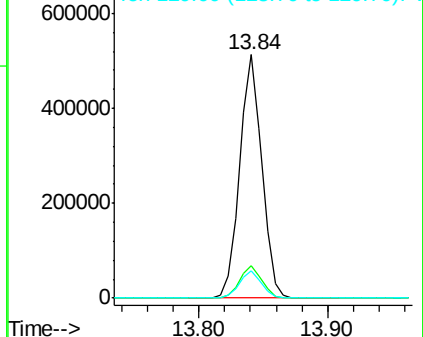
129 11.0 8.8 13.2

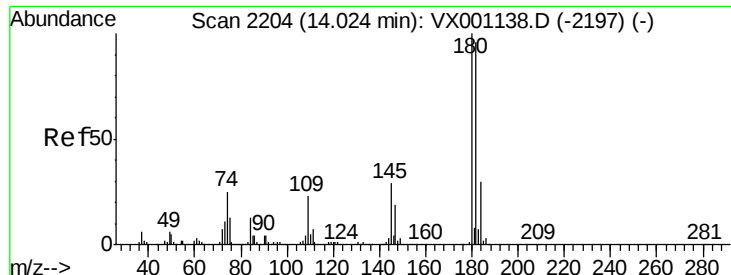


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 47.31 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-HN-MW24S-20180424MS

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	48.2	144.6
145	28.7	14.5	43.5

