

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050618\
 Data File : VX001458.D
 Acq On : 06 May 2018 21:31
 Operator : JC/MD
 Sample : J2659-05MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303I2-20180428MSD

Quant Time: May 07 07:13:02 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	232205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	322913	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	305954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	205002	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	168877	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
35) Dibromofluoromethane	5.51	113	137916	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
50) Toluene-d8	8.72	98	496479	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
62) 4-Bromofluorobenzene	11.14	95	191549	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	133674	42.76	ug/l	96
3) Chloromethane	1.32	50	137984	45.33	ug/l	99
4) Vinyl Chloride	1.40	62	145029	45.65	ug/l	98
5) Bromomethane	1.64	94	68408	46.82	ug/l	99
6) Chloroethane	1.71	64	100398	47.81	ug/l	99
7) Trichlorofluoromethane	1.93	101	229672	48.03	ug/l	99
8) Diethyl Ether	2.19	74	93251	49.76	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	124318	44.35	ug/l	99
10) Methyl Iodide	2.51	142	199907	49.42	ug/l	100
11) Tert butyl alcohol	3.09	59	198686	282.35	ug/l	100
12) 1,1-Dichloroethene	2.37	96	124210	48.34	ug/l	97
13) Acrolein	2.30	56	47659	348.15	ug/l	99
14) Allyl chloride	2.73	41	208933	43.61	ug/l	97
15) Acrylonitrile	3.15	53	409546	257.56	ug/l	100
16) Acetone	2.45	43	395539	261.00	ug/l	99
17) Carbon Disulfide	2.57	76	266720	40.79	ug/l	99
18) Methyl Acetate	2.78	43	148361	37.26	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	459979	51.42	ug/l	97
20) Methylene Chloride	2.86	84	144284	48.08	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	131385	45.82	ug/l	98
22) Diisopropyl ether	3.88	45	442855	49.48	ug/l	96
23) Vinyl Acetate	3.83	43	1108130	148.55	ug/l	99
24) 1,1-Dichloroethane	3.70	63	234390	46.88	ug/l	99
25) 2-Butanone	4.71	43	563470	257.21	ug/l	100
26) 2,2-Dichloropropane	4.59	77	47973	12.42	ug/l	80
27) cis-1,2-Dichloroethene	4.60	96	150870	49.40	ug/l	89
28) Bromochloromethane	5.03	49	128708	59.37	ug/l	98
29) Tetrahydrofuran	5.17	42	361991	258.26	ug/l	100
30) Chloroform	5.22	83	264680	51.39	ug/l	99
31) Cyclohexane	5.58	56	196434	45.74	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	233092	51.78	ug/l	100
36) 1,1-Dichloropropene	5.81	75	181181	44.11	ug/l	99
37) Ethyl Acetate	4.87	43	140738	31.26	ug/l	99
38) Carbon Tetrachloride	5.79	117	208195	47.52	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	192722	39.69	ug/l	99
40) Benzene	6.15	78	564020	47.01	ug/l	99
41) Methacrylonitrile	5.07	41	122467	47.54	ug/l	100
42) 1,2-Dichloroethane	6.20	62	223258	48.42	ug/l	99
43) Isopropyl Acetate	6.48	43	259741	37.58	ug/l	99
44) Trichloroethene	7.22	130	174825	47.67	ug/l	99
45) 1,2-Dichloropropane	7.52	63	144710	48.38	ug/l	99
46) Dibromomethane	7.67	93	99749	47.11	ug/l	99
47) Bromodichloromethane	7.90	83	196360	50.11	ug/l	98
48) Methyl methacrylate	7.79	41	182812	48.57	ug/l	100
49) 1,4-Dioxane	7.76	88	85634	1053.11	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1163311	253.27	ug/l	99
52) Toluene	8.79	92	375525	47.87	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	180311	40.71	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	166234	36.92	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	155439	49.18	ug/l	98
56) Ethyl methacrylate	9.19	69	222858	48.92	ug/l	100
57) 1,3-Dichloropropane	9.38	76	253496	48.51	ug/l	100
59) 2-Hexanone	9.51	43	882167	250.81	ug/l	100
60) Dibromochloromethane	9.59	129	167425	51.73	ug/l	99
61) 1,2-Dibromoethane	9.68	107	162289	48.90	ug/l	100
64) Tetrachloroethene	9.34	164	197608	46.34	ug/l	98
65) Chlorobenzene	10.14	112	428615	47.77	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	163720	51.01	ug/l	100
67) Ethyl Benzene	10.26	91	700818	47.65	ug/l	100
68) m/p-Xylenes	10.37	106	559913	96.35	ug/l	100
69) o-Xylene	10.70	106	276831	49.02	ug/l	99
70) Styrene	10.72	104	457419	49.85	ug/l	99
71) Bromoform	10.87	173	137777	45.02	ug/l	100
73) Isopropylbenzene	11.02	105	736248	51.88	ug/l	100
74) N-amyl acetate	6.48	43	259741	40.29	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	225499	53.80	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	240200	57.77	ug/l	88
77) Bromobenzene	11.26	156	214733	52.04	ug/l	98
78) n-propylbenzene	11.37	91	804896	52.08	ug/l	99
79) 2-Chlorotoluene	11.43	91	493338	51.88	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	613283	51.90	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	38474	31.26	ug/l	95
82) 4-Chlorotoluene	11.52	91	569360	51.90	ug/l	100
83) tert-Butylbenzene	11.77	119	617906	52.56	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	634057	52.21	ug/l	99
85) sec-Butylbenzene	11.95	105	737941	52.29	ug/l	100
86) p-Isopropyltoluene	12.07	119	670760	51.81	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	379617	51.47	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	386044	51.32	ug/l	99
89) n-Butylbenzene	12.40	91	519172	48.40	ug/l	100
90) Hexachloroethane	12.60	117	106137	54.45	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	391888	52.23	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	51847	56.30	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	280528	51.09	ug/l	99

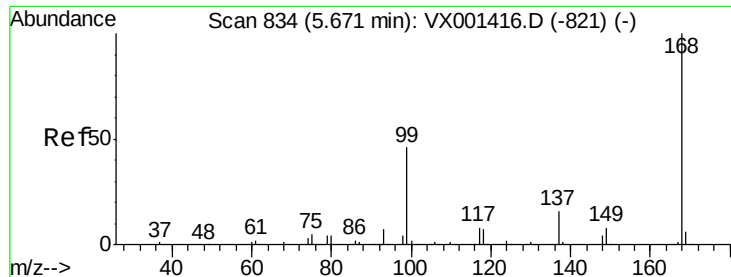
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	136592	45.46	ug/l	100
95) Naphthalene	13.84	128	854234	56.25	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	297565	52.81	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

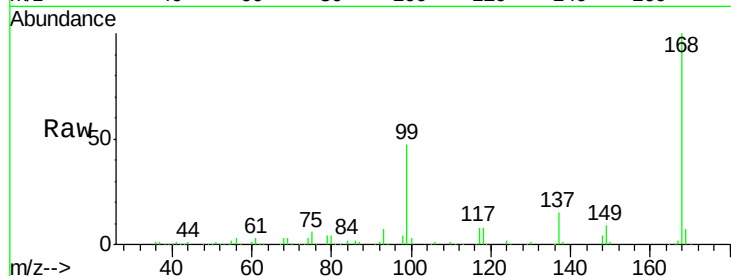
BPS1-TT-MW303I2-20180428MSD

Tgt Ion: 168 Resp: 232205

Ion Ratio Lower Upper

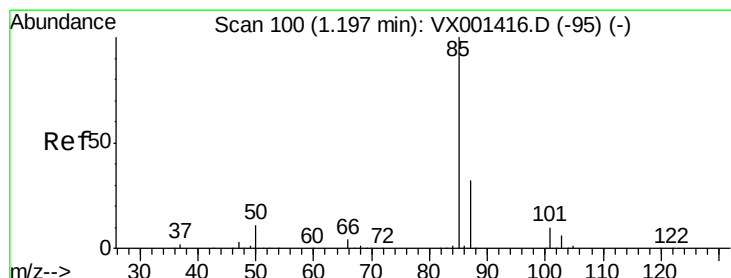
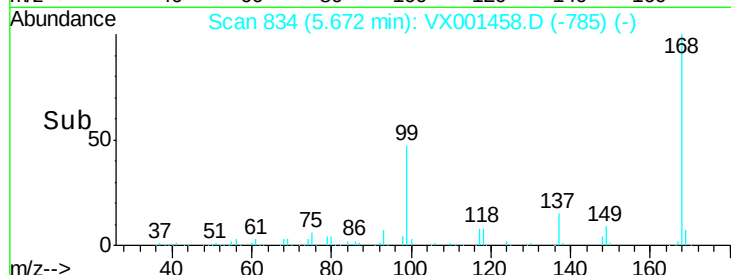
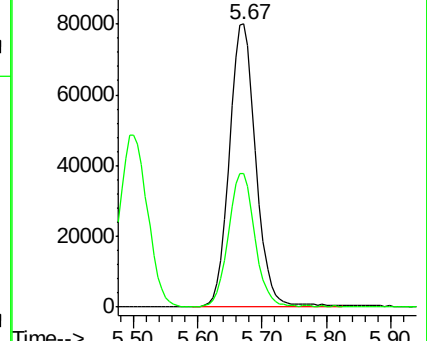
168 100

99 46.9 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 42.76 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001458.D

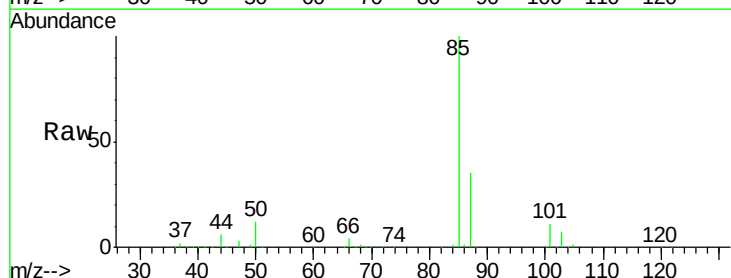
Acq: 06 May 2018 21:31

Tgt Ion: 85 Resp: 133674

Ion Ratio Lower Upper

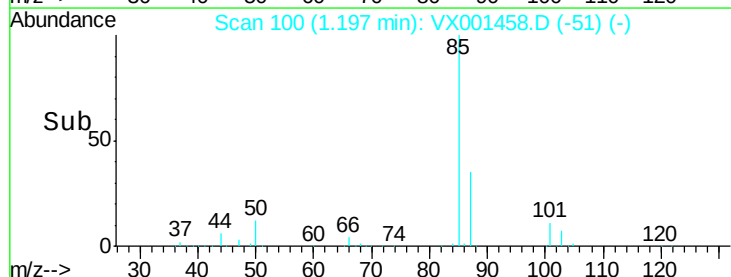
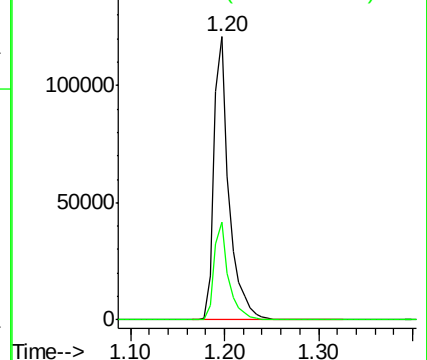
85 100

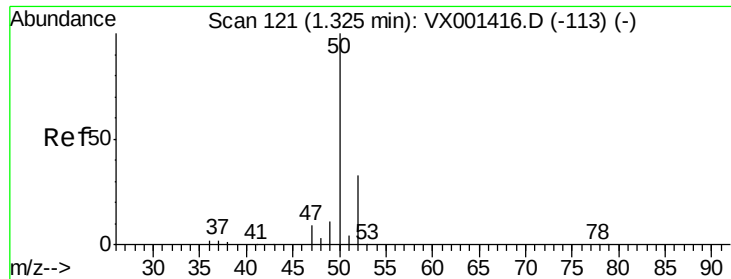
87 34.7 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.33 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

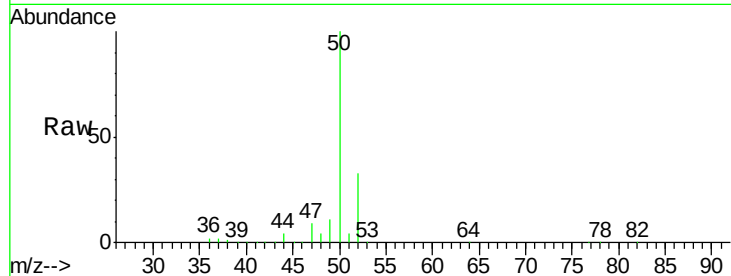
BPS1-TT-MW303I2-20180428MSD

Tgt Ion: 50 Resp: 137984

Ion Ratio Lower Upper

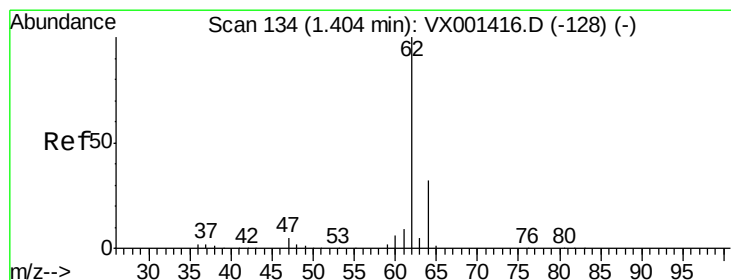
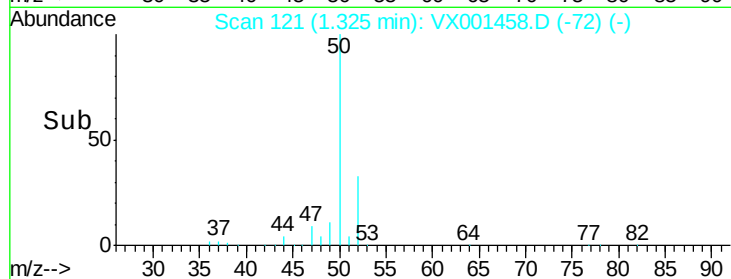
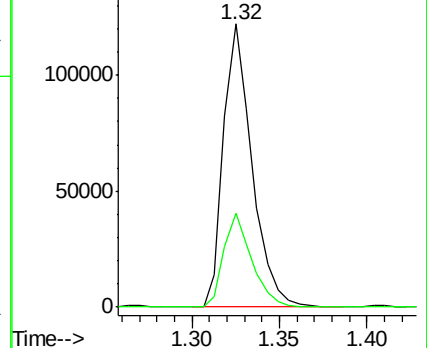
50 100

52 33.3 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.65 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001458.D

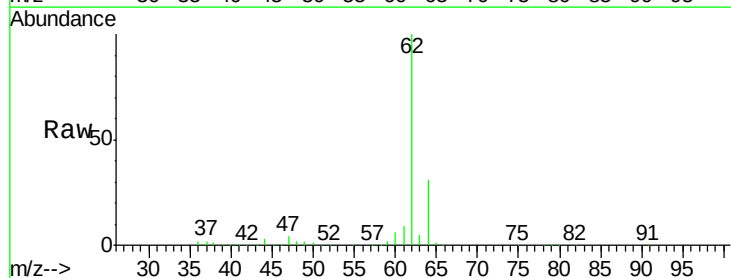
Acq: 06 May 2018 21:31

Tgt Ion: 62 Resp: 145029

Ion Ratio Lower Upper

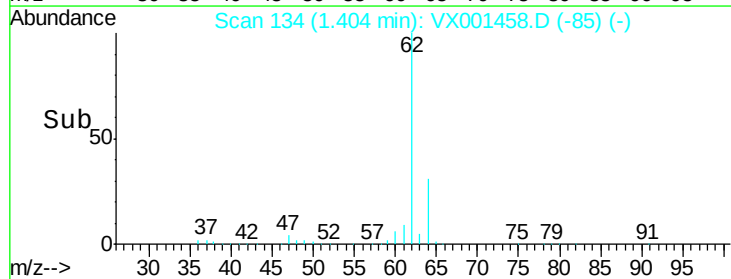
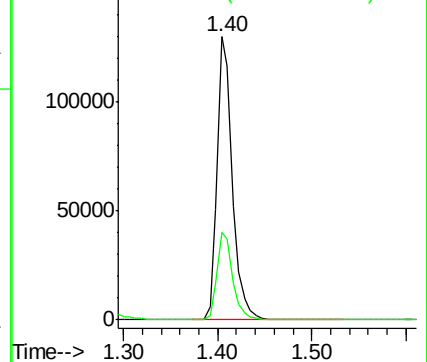
62 100

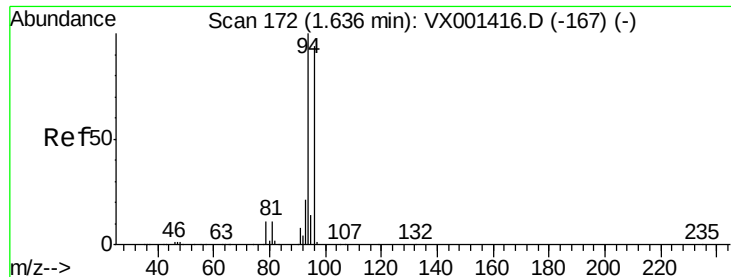
64 31.1 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.82 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

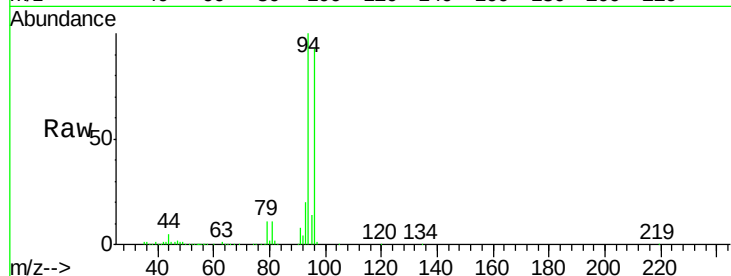
BPS1-TT-MW303I2-20180428MSD

Tgt Ion: 94 Resp: 68408

Ion Ratio Lower Upper

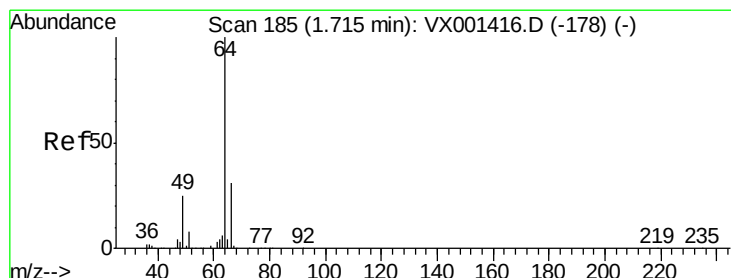
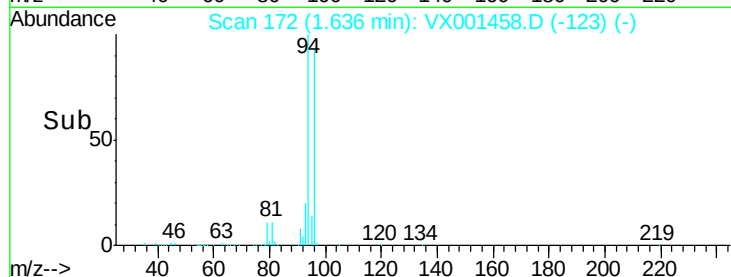
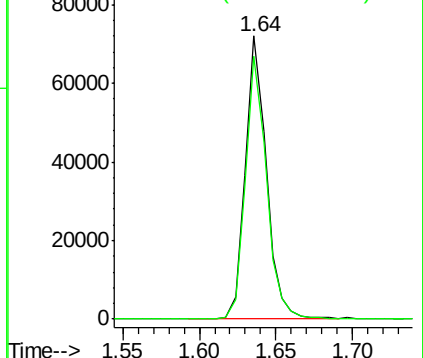
94 100

96 92.8 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.81 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX001458.D

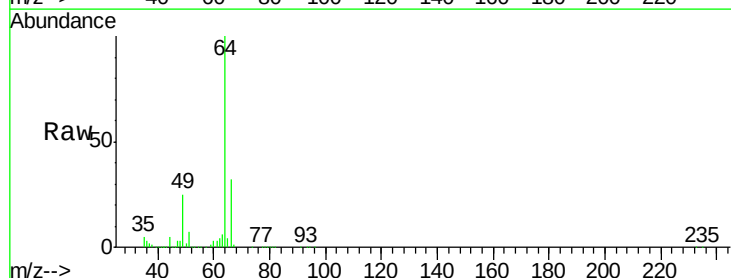
Acq: 06 May 2018 21:31

Tgt Ion: 64 Resp: 100398

Ion Ratio Lower Upper

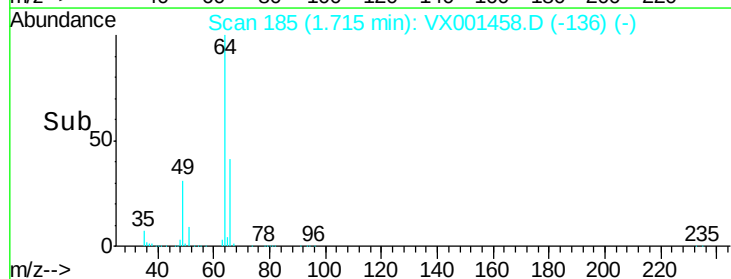
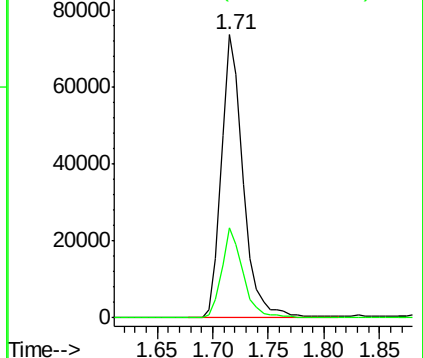
64 100

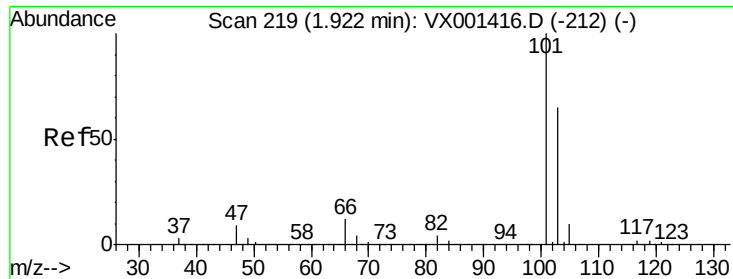
66 32.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



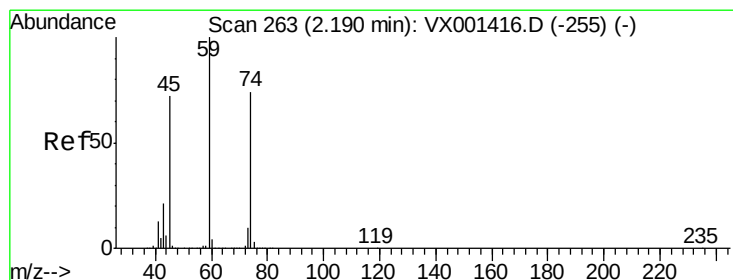
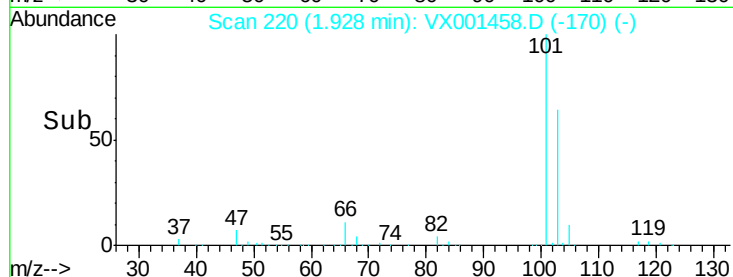
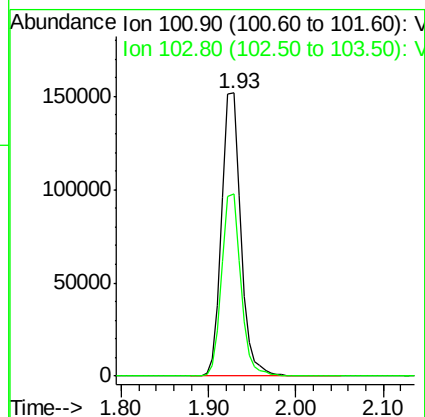
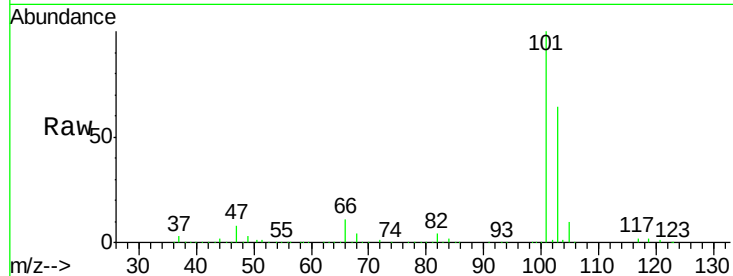


#7

Trichlorofluoromethane
 Concen: 48.03 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX001458.D
 Acq: 06 May 2018 21:31

Instrument :
 MSVOA_X
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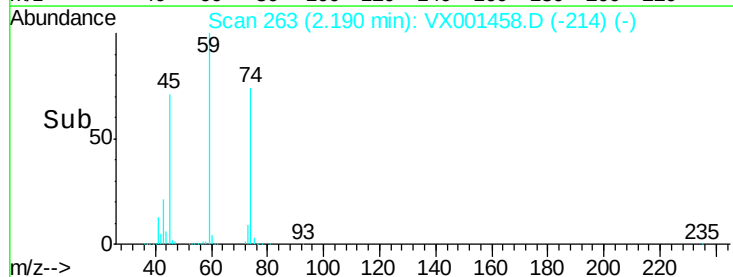
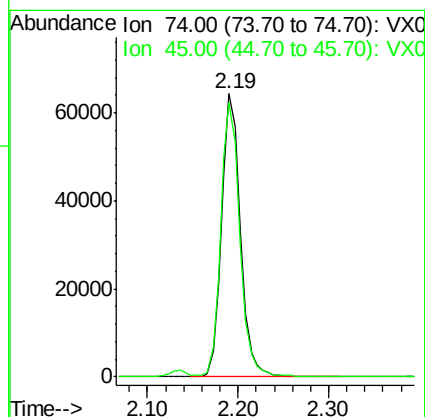
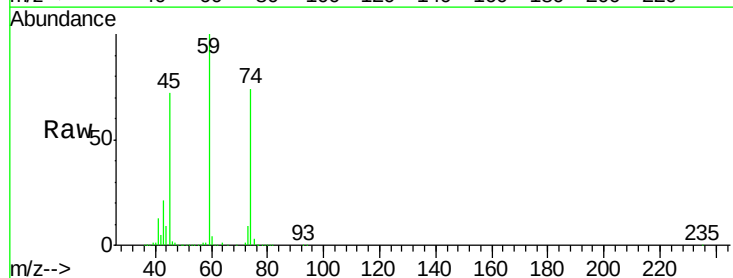
Tgt Ion: 101 Resp: 229672
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.0 78.0

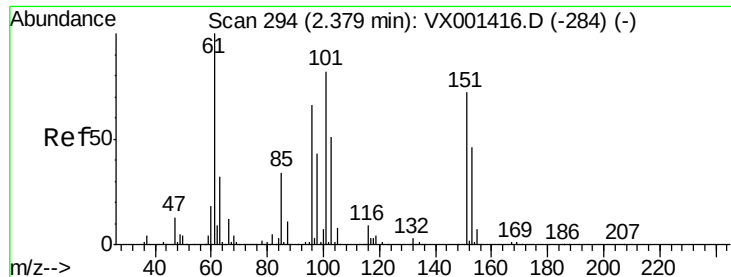


#8

Diethyl Ether
 Concen: 49.76 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001458.D
 Acq: 06 May 2018 21:31

Tgt Ion: 74 Resp: 93251
 Ion Ratio Lower Upper
 74 100
 45 97.1 47.9 143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.35 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I2-20180428MSD

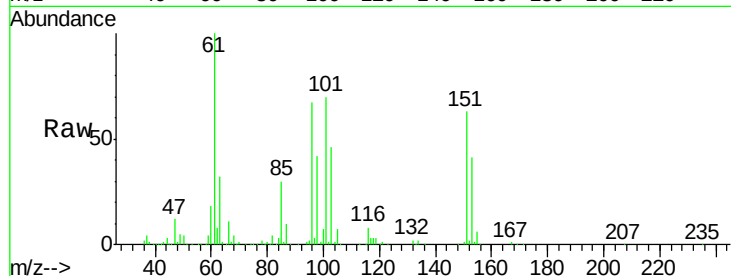
Tgt Ion:101 Resp: 124318

Ion Ratio Lower Upper

101 100

85 42.5 33.7 50.5

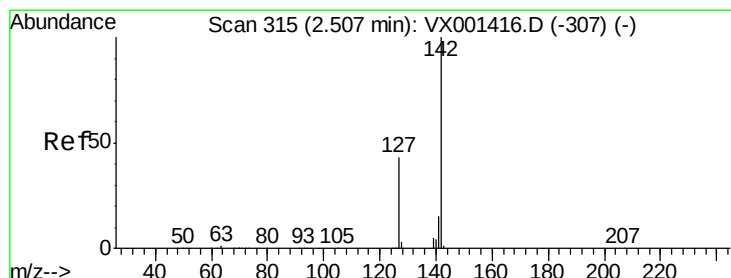
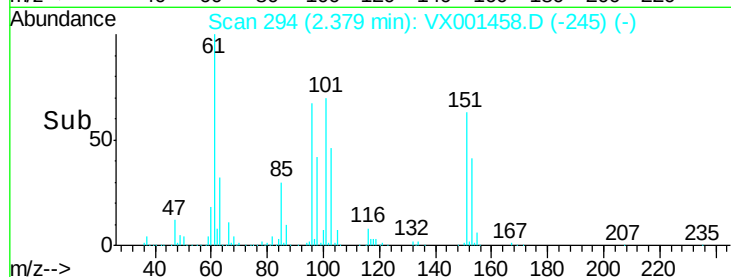
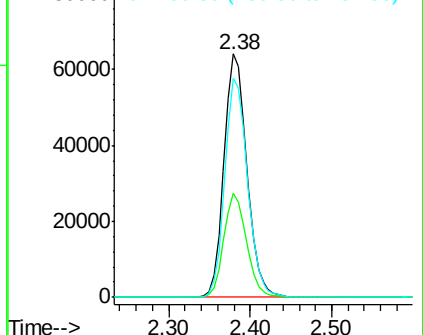
151 89.4 72.3 108.5



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: 49.42 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

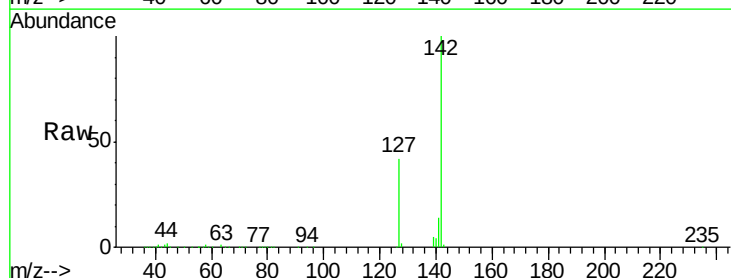
Tgt Ion:142 Resp: 199907

Ion Ratio Lower Upper

142 100

127 41.8 33.6 50.4

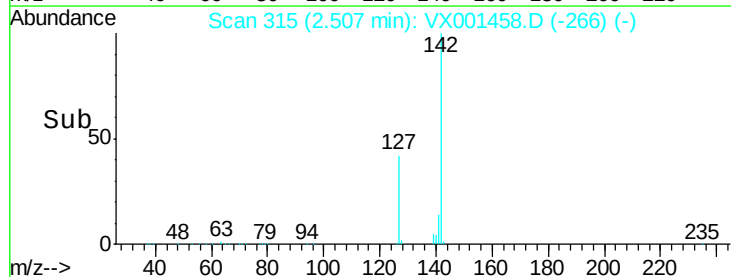
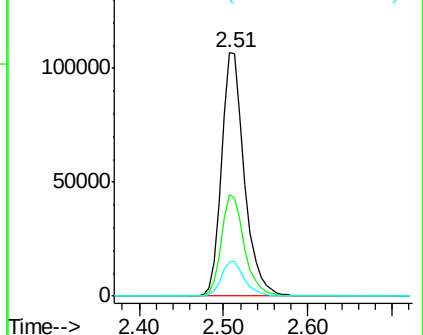
141 14.4 11.4 17.2

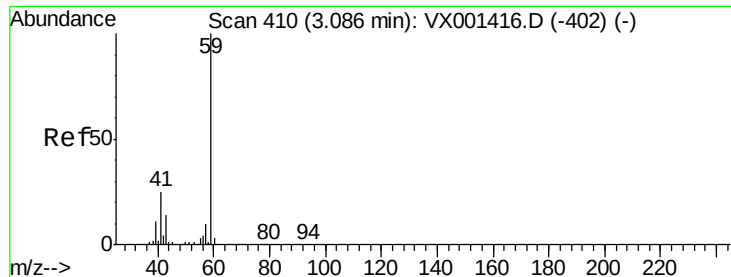


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



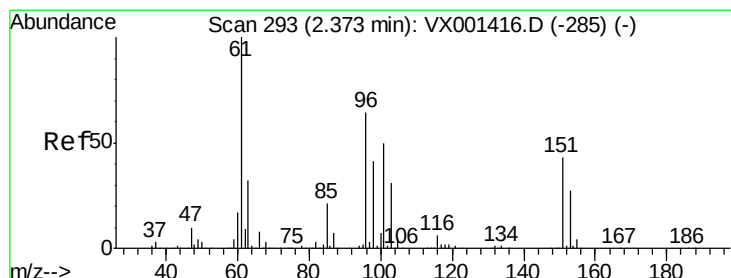
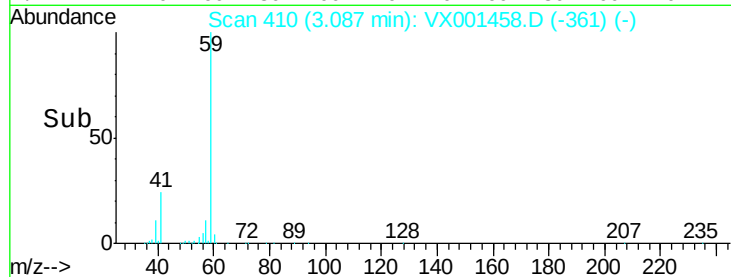
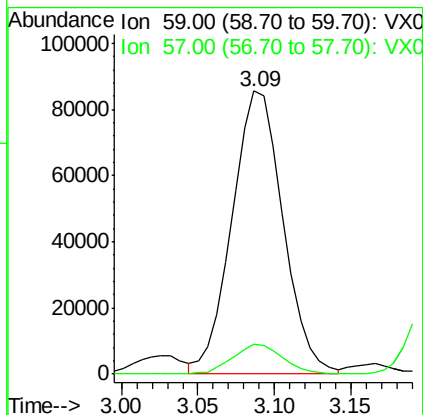
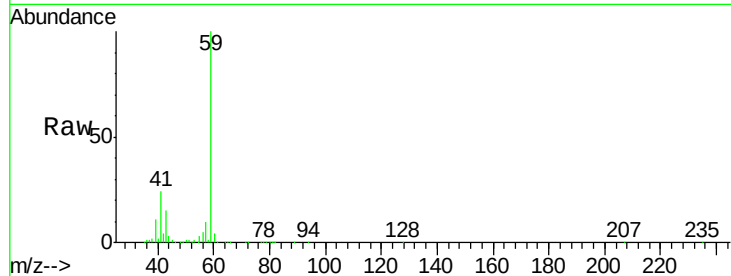


#11

Tert butyl alcohol
 Concen: 282.35 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VX001458.D
 Acq: 06 May 2018 21:31

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303I2-20180428MSD

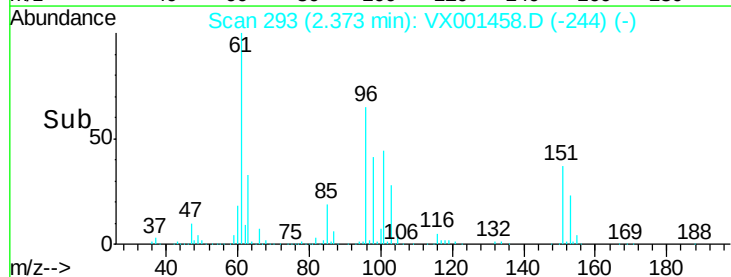
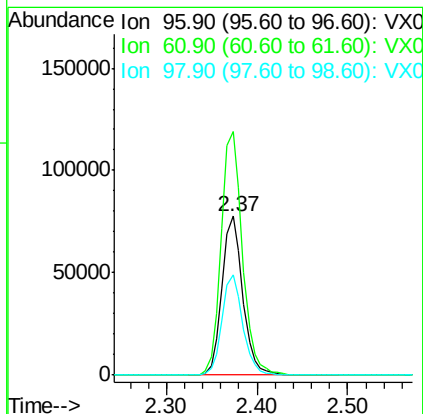
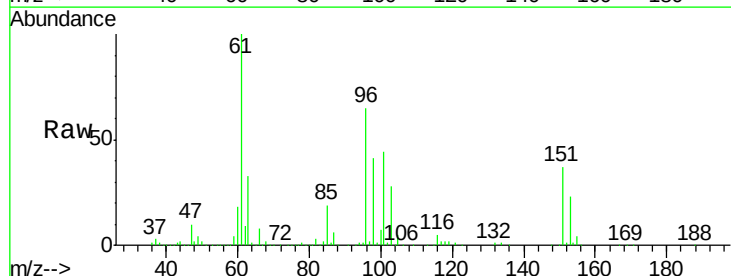
Tgt Ion: 59 Resp: 198686
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

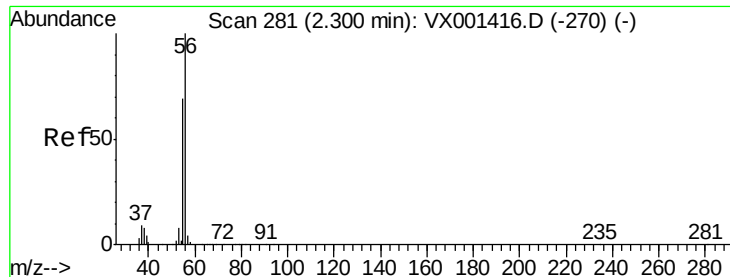


#12

1,1-Dichloroethene
 Concen: 48.34 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001458.D
 Acq: 06 May 2018 21:31

Tgt Ion: 96 Resp: 124210
 Ion Ratio Lower Upper
 96 100
 61 153.6 125.7 188.5
 98 63.2 52.0 78.0





#13

Acrolein

Concen: 348.15 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

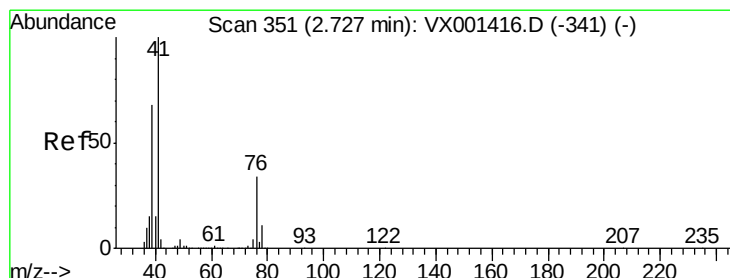
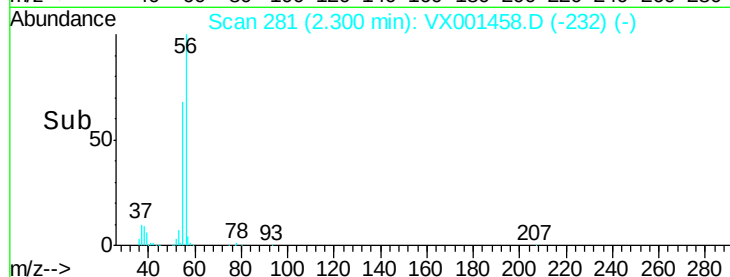
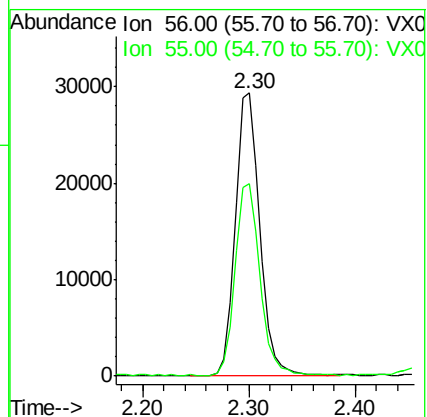
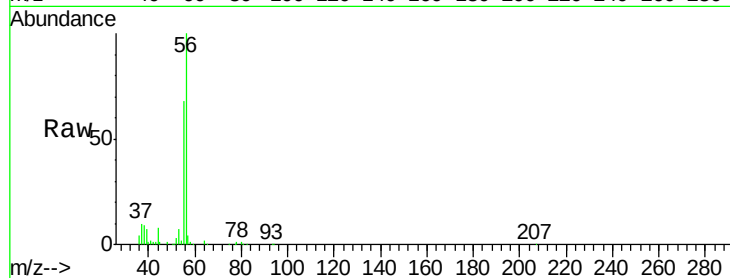
BPS1-TT-MW303I2-20180428MSD

Tgt Ion: 56 Resp: 47659

Ion Ratio Lower Upper

56 100

55 68.6 54.5 81.7



#14

Allyl chloride

Concen: 43.61 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

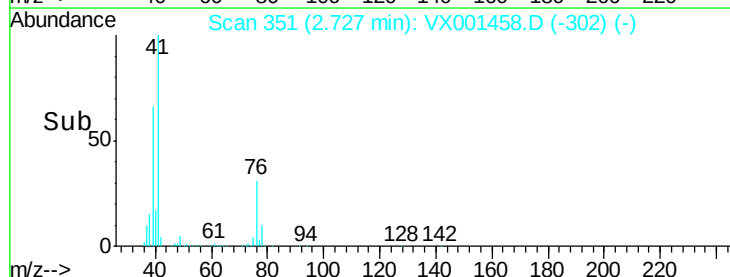
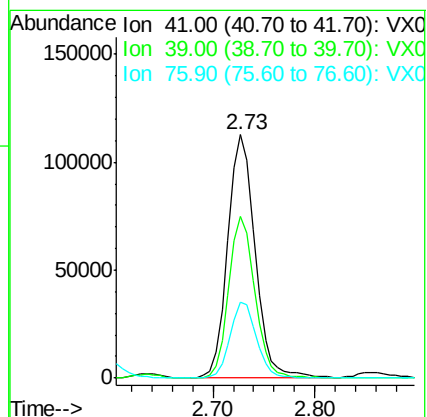
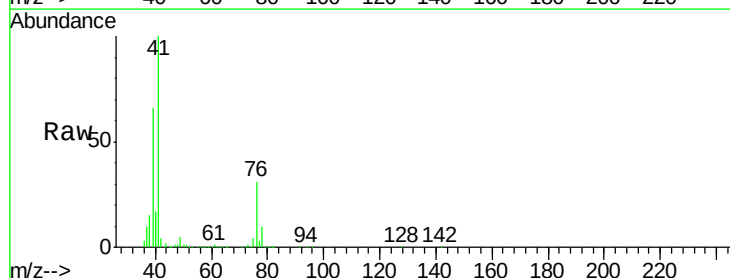
Tgt Ion: 41 Resp: 208933

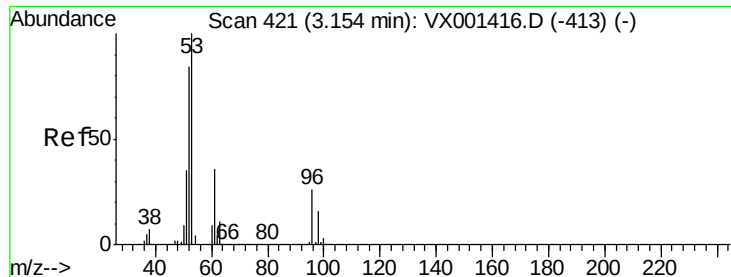
Ion Ratio Lower Upper

41 100

39 63.6 52.4 78.6

76 30.0 25.8 38.6





#15

Acrylonitrile

Concen: 257.56 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I2-20180428MSD

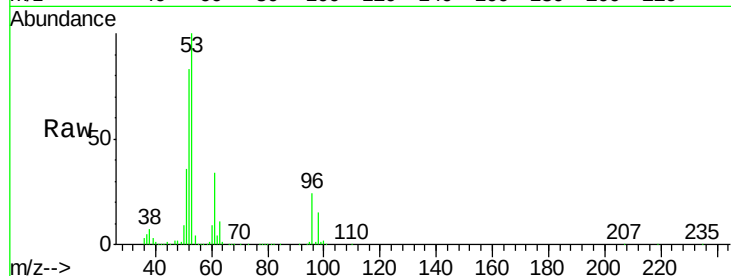
Tgt Ion: 53 Resp: 409546

Ion Ratio Lower Upper

53 100

52 82.9 66.2 99.2

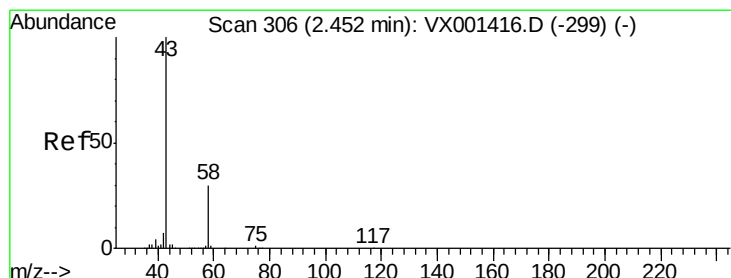
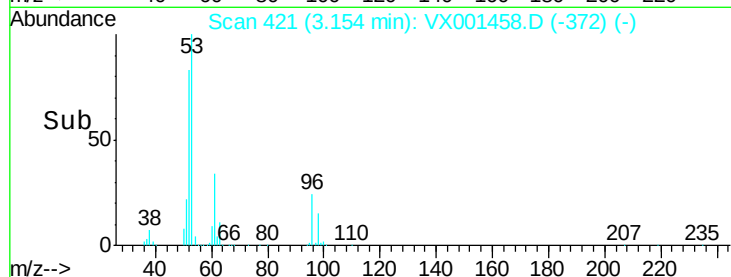
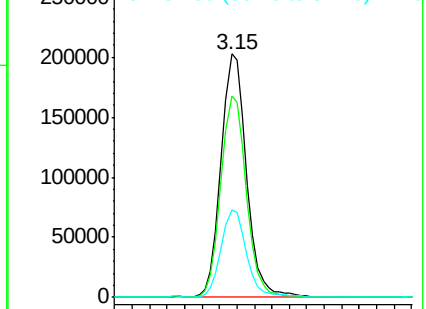
51 36.3 28.6 43.0



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: 261.00 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001458.D

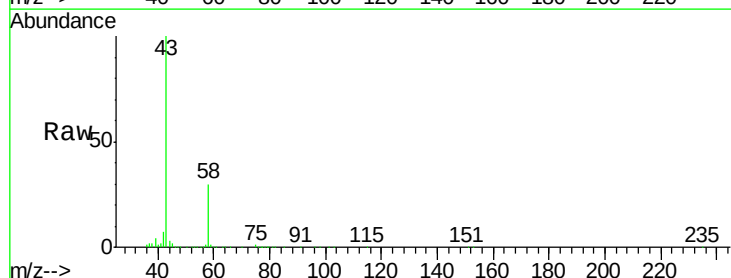
Acq: 06 May 2018 21:31

Tgt Ion: 43 Resp: 395539

Ion Ratio Lower Upper

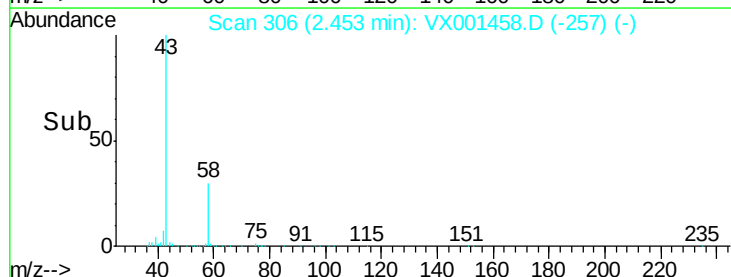
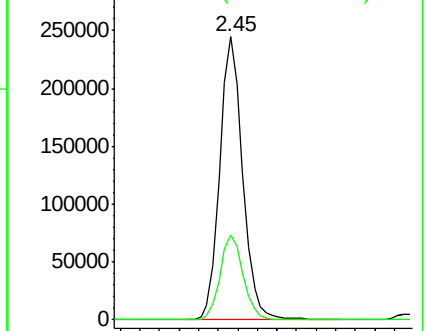
43 100

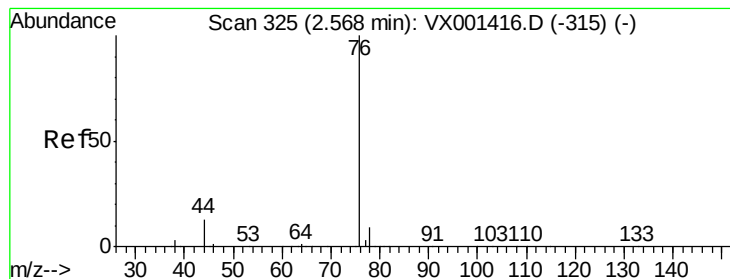
58 30.3 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 40.79 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

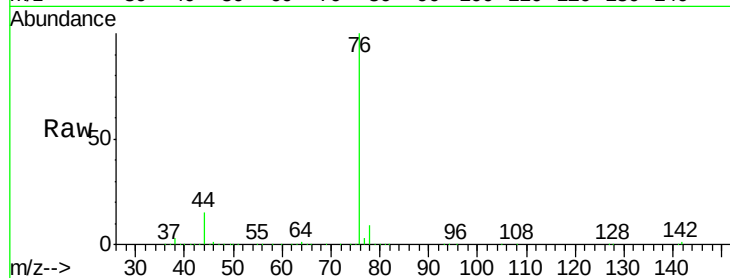
BPS1-TT-MW303I2-20180428MSD

Tgt Ion: 76 Resp: 266720

Ion Ratio Lower Upper

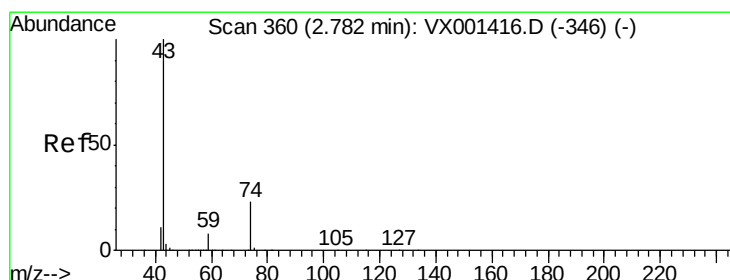
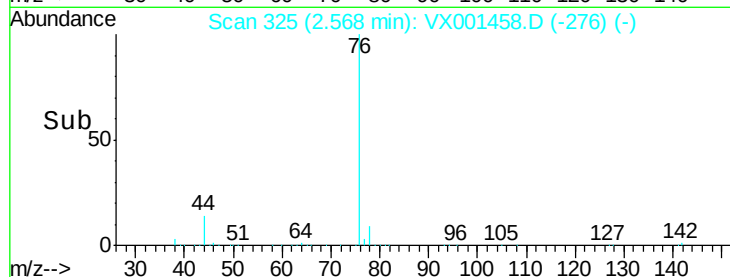
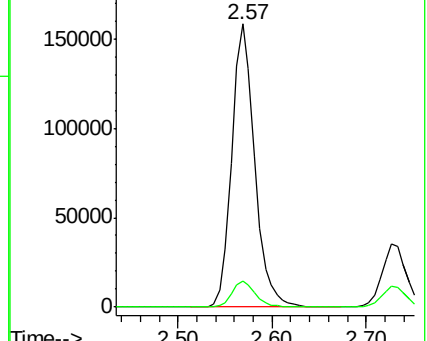
76 100

78 9.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 37.26 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001458.D

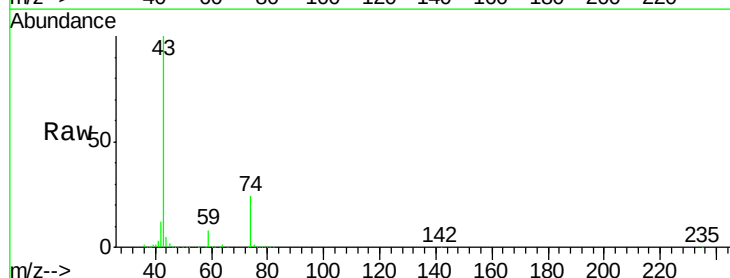
Acq: 06 May 2018 21:31

Tgt Ion: 43 Resp: 148361

Ion Ratio Lower Upper

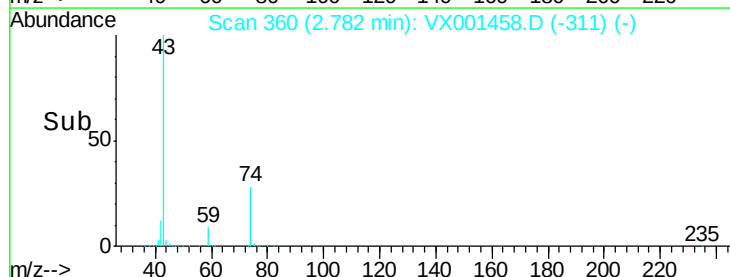
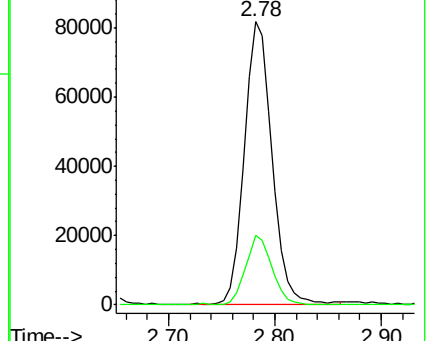
43 100

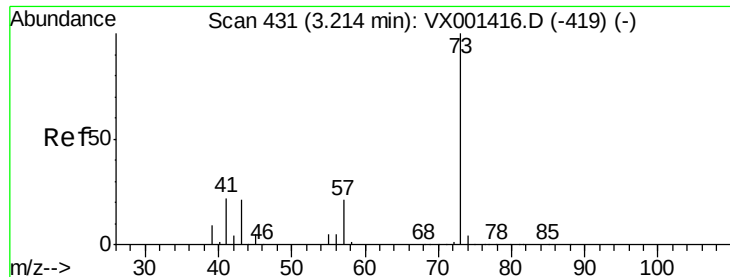
74 23.8 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 51.42 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

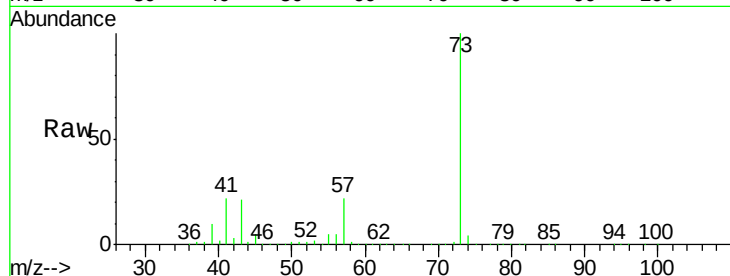
BPS1-TT-MW303I2-20180428MSD

Tgt Ion: 73 Resp: 459979

Ion Ratio Lower Upper

73 100

57 22.5 17.0 25.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

200000

150000

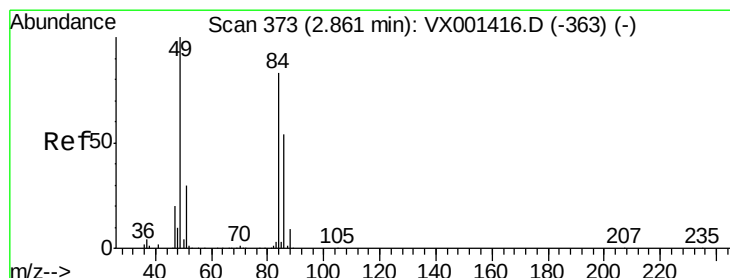
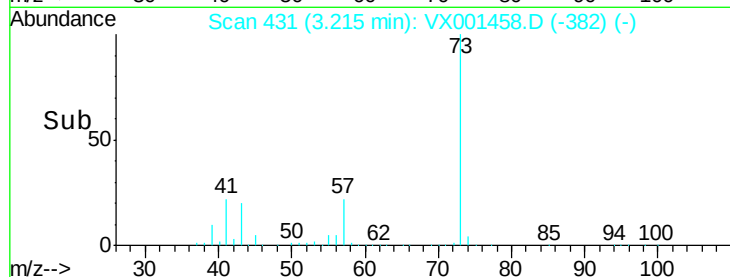
100000

50000

0

3.10 3.20 3.30 3.40

Time-->



#20

Methylene Chloride

Concen: 48.08 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Tgt Ion: 84 Resp: 144284

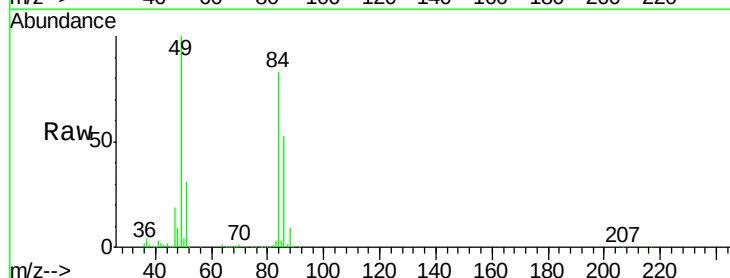
Ion Ratio Lower Upper

84 100

49 120.6 96.6 144.8

51 37.3 29.0 43.4

86 64.5 52.2 78.4



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

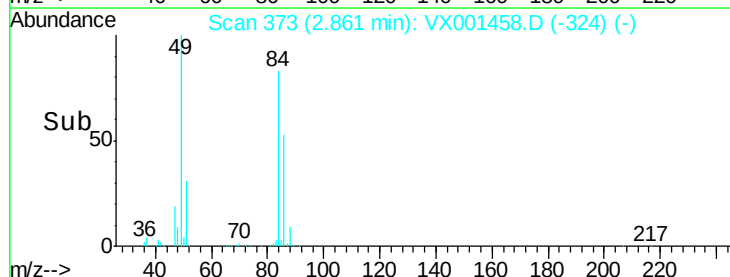
100000

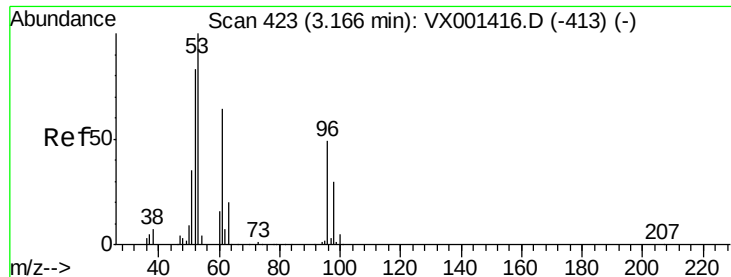
50000

0

2.80 2.90 3.00

Time-->





#21

trans-1,2-Dichloroethene

Concen: 45.82 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I2-20180428MSD

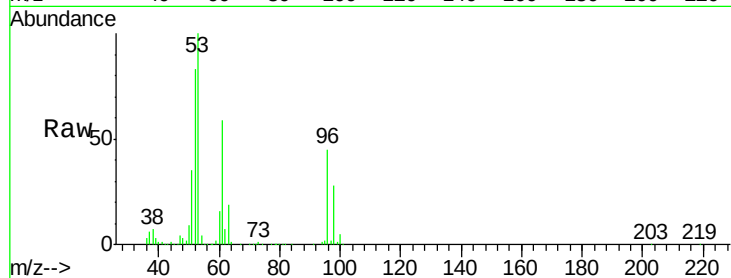
Tgt Ion: 96 Resp: 131385

Ion Ratio Lower Upper

96 100

61 129.4 105.0 157.4

98 60.7 49.9 74.9

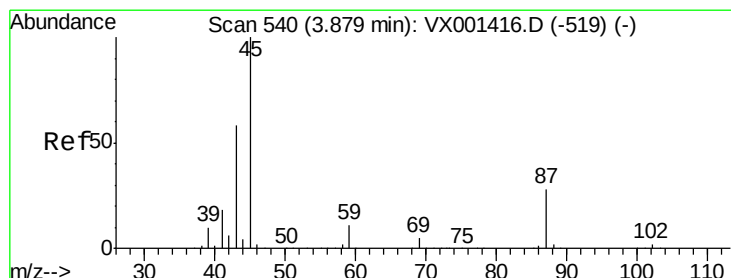
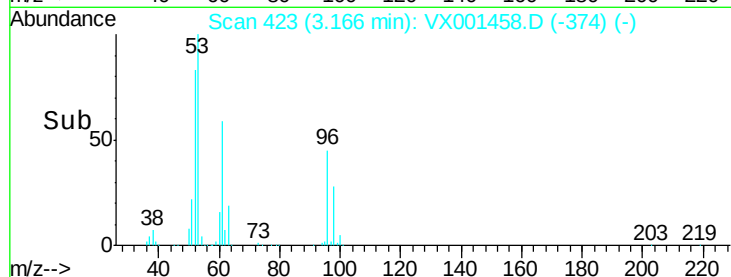
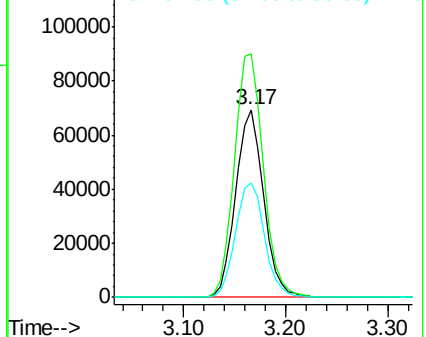


Abundance

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: 49.48 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Tgt Ion: 45 Resp: 442855

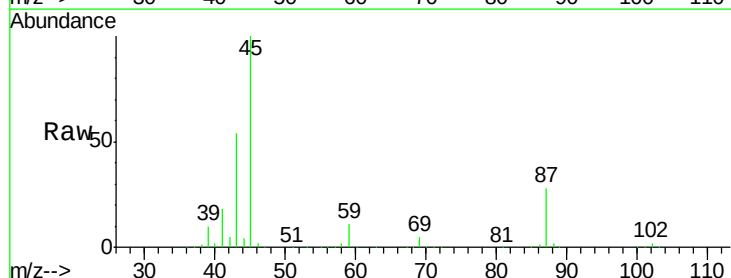
Ion Ratio Lower Upper

45 100

43 53.5 46.5 69.7

87 28.0 22.6 34.0

59 11.4 9.1 13.7



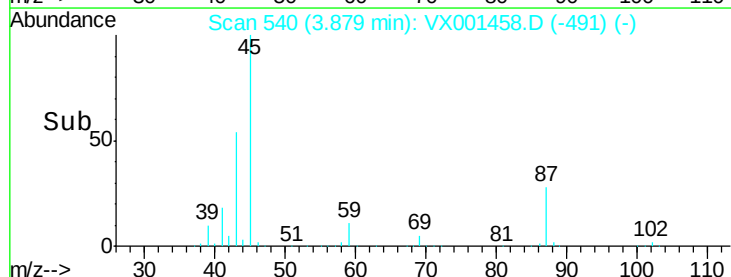
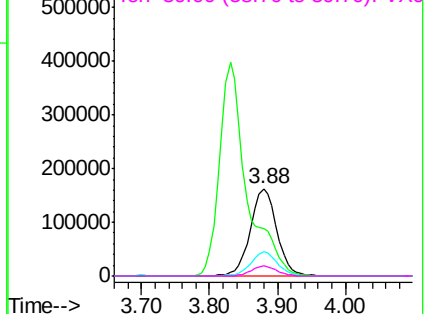
Abundance

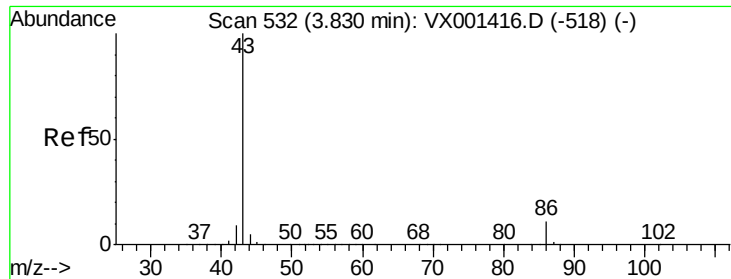
Ion 45.00 (44.70 to 45.70): VX0

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: 148.55 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

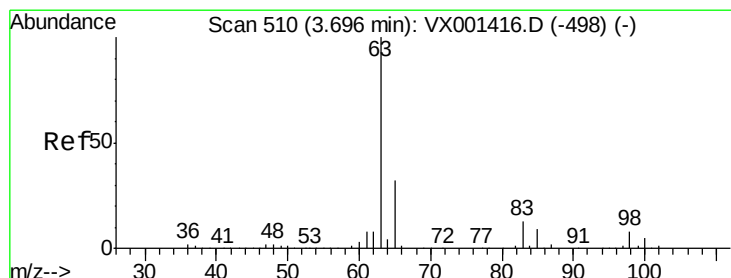
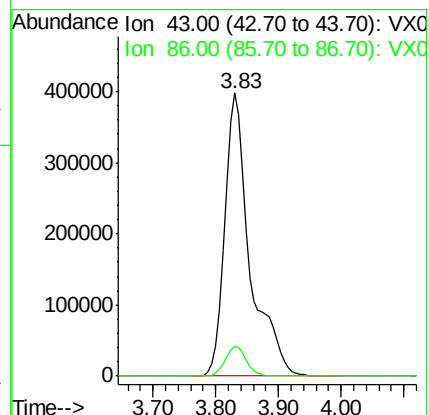
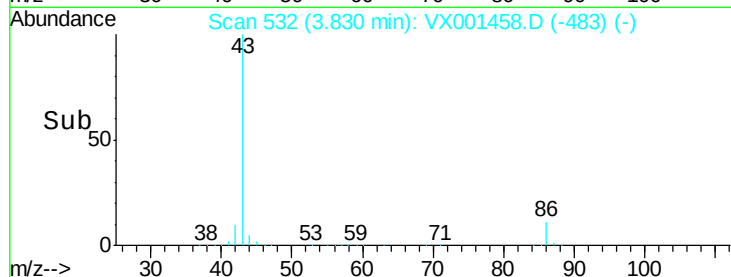
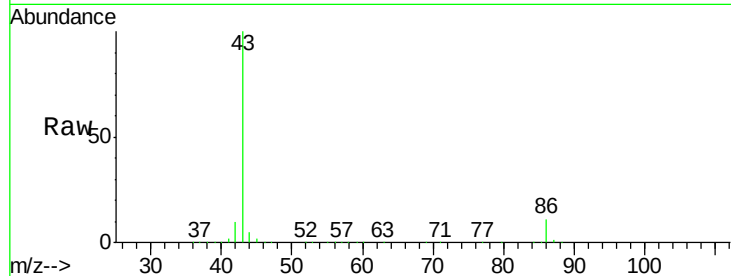
BPS1-TT-MW303I2-20180428MSD

Tgt Ion: 43 Resp: 1108130

Ion Ratio Lower Upper

43 100

86 10.5 8.6 13.0



#24

1,1-Dichloroethane

Concen: 46.88 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

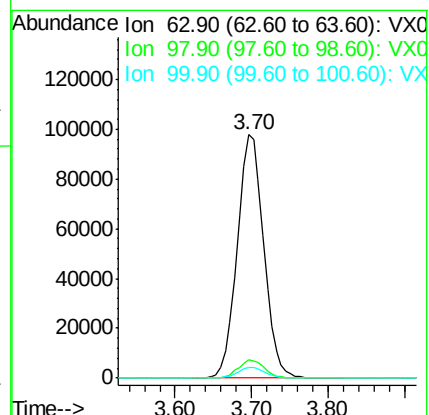
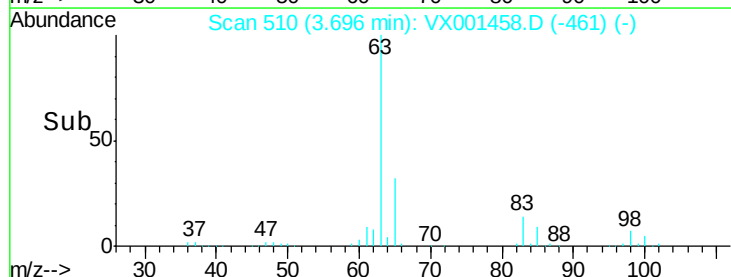
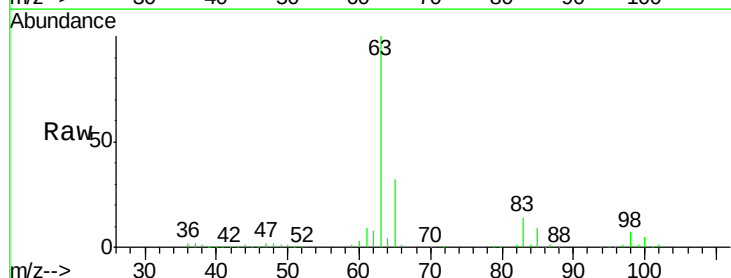
Tgt Ion: 63 Resp: 234390

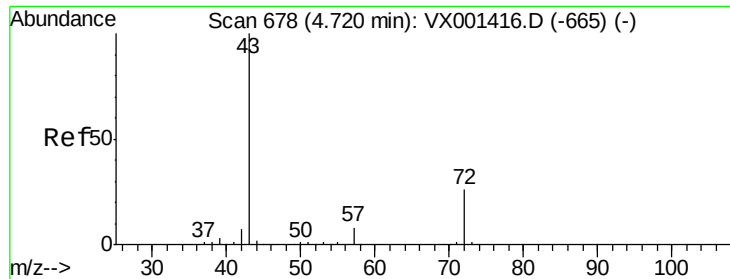
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.5 2.4 7.1





#25

2-Butanone

Concen: 257.21 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

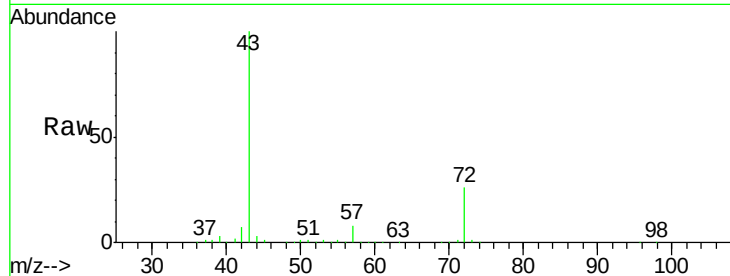
BPS1-TT-MW303I2-20180428MSD

Tgt Ion: 43 Resp: 563470

Ion Ratio Lower Upper

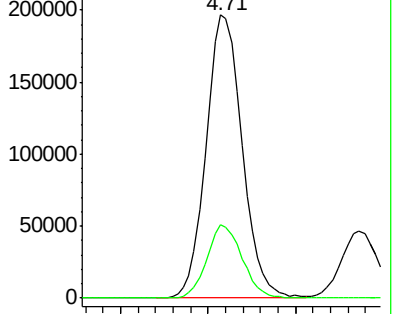
43 100

72 25.8 20.7 31.1

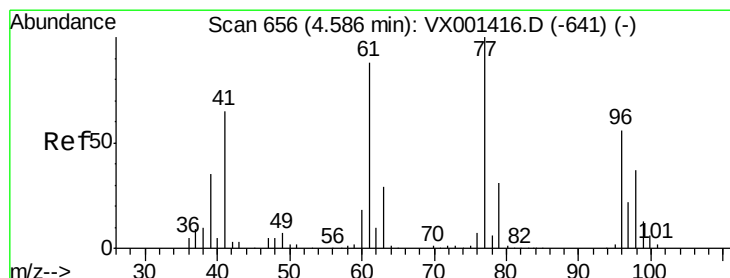
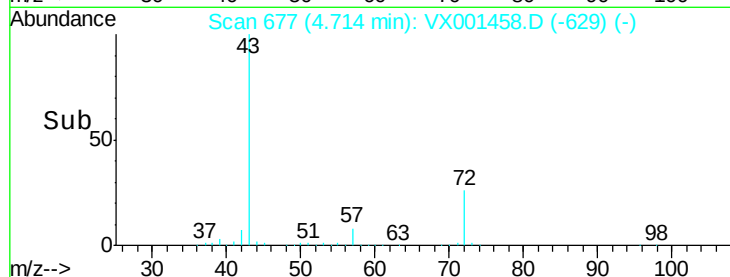


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 12.42 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001458.D

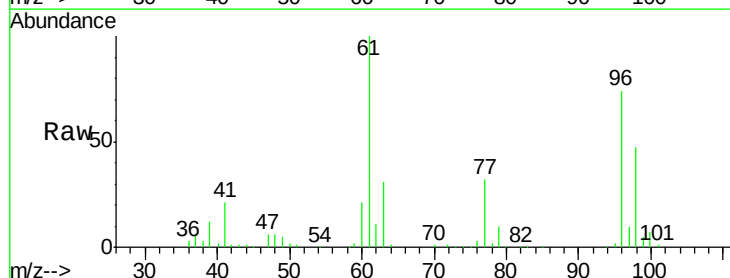
Acq: 06 May 2018 21:31

Tgt Ion: 77 Resp: 47973

Ion Ratio Lower Upper

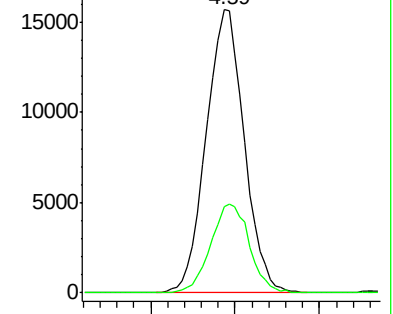
77 100

97 31.9 11.2 33.6

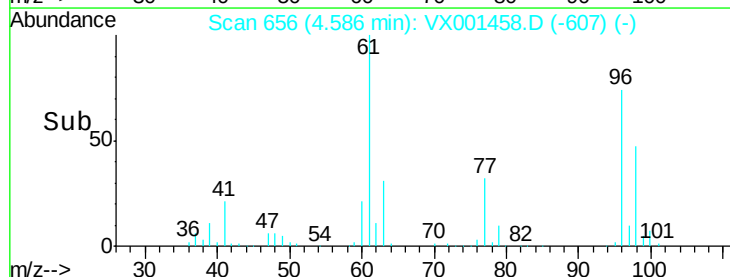


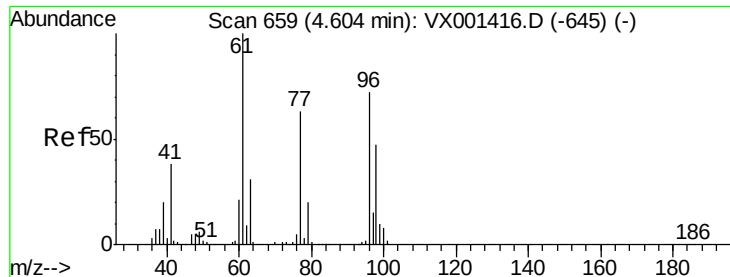
Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->





#27

cis-1,2-Dichloroethene

Concen: 49.40 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I2-20180428MSD

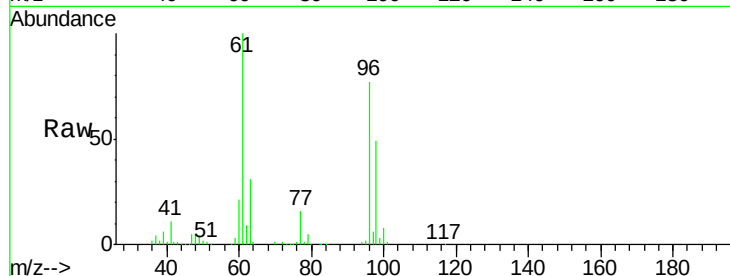
Tgt Ion: 96 Resp: 150870

Ion Ratio Lower Upper

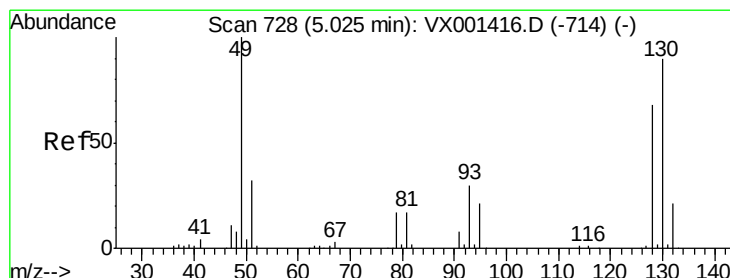
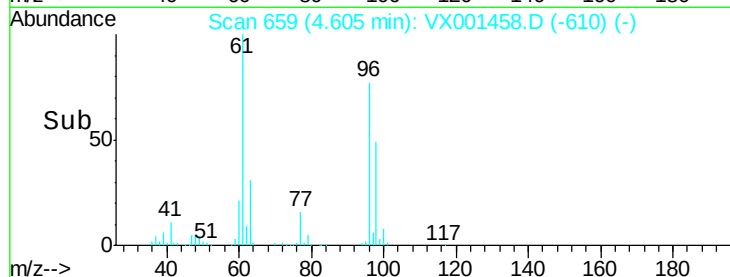
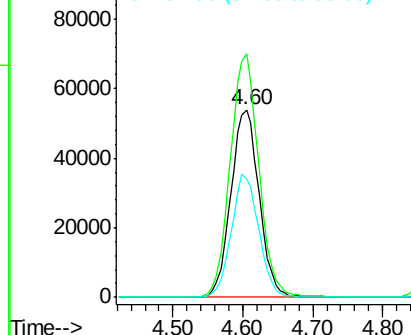
96 100

61 131.9 0.0 301.6

98 63.9 0.0 131.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 59.37 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

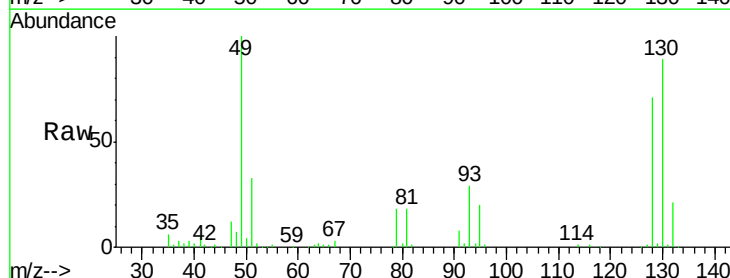
Tgt Ion: 49 Resp: 128708

Ion Ratio Lower Upper

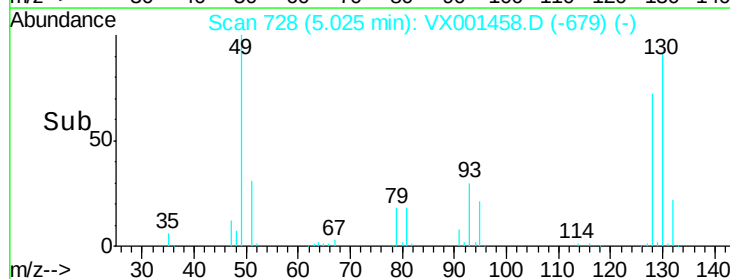
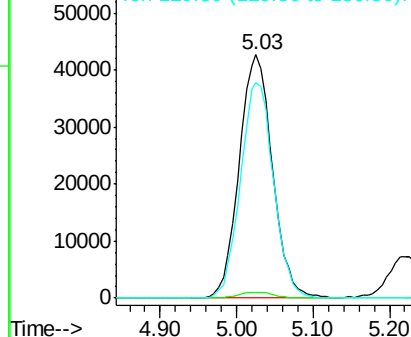
49 100

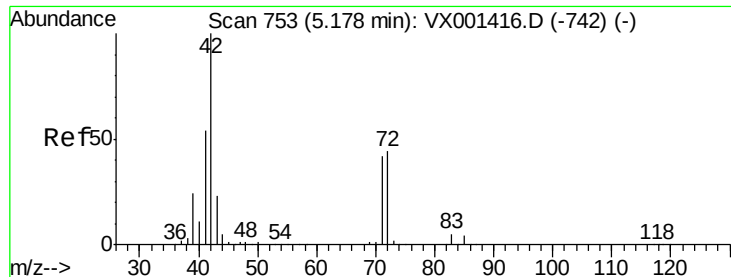
129 2.5 0.0 4.8

130 88.3 71.9 107.9



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

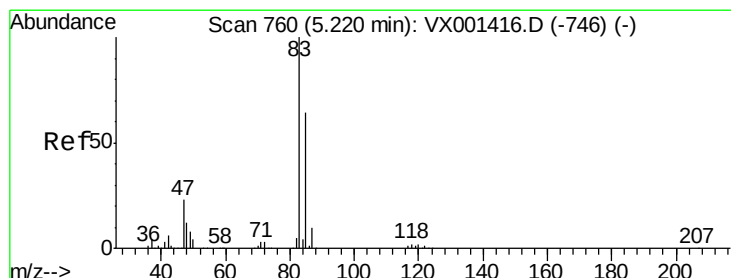
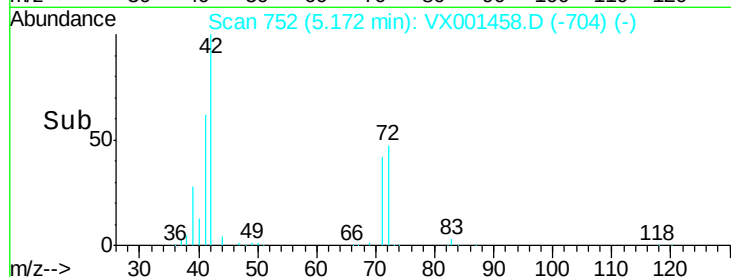
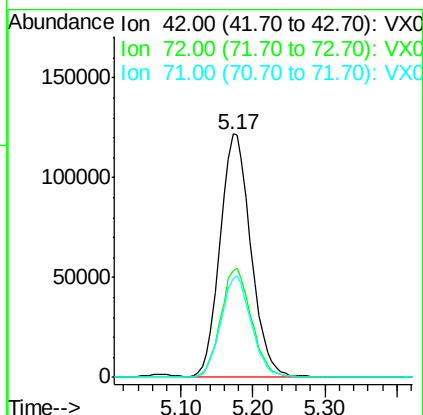
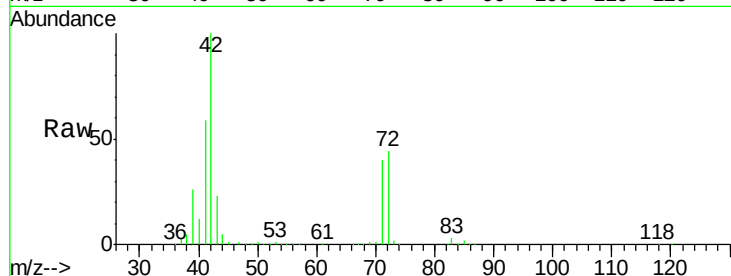




#29
Tetrahydrofuran
Concen: 258.26 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001458.D
Acq: 06 May 2018 21:31

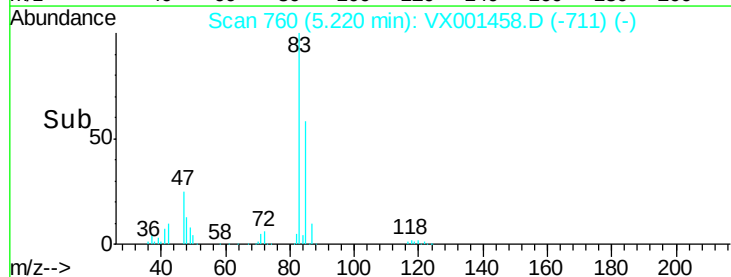
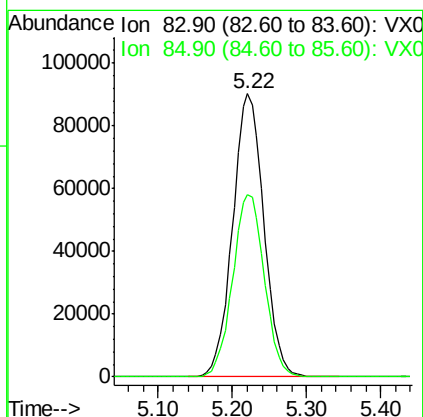
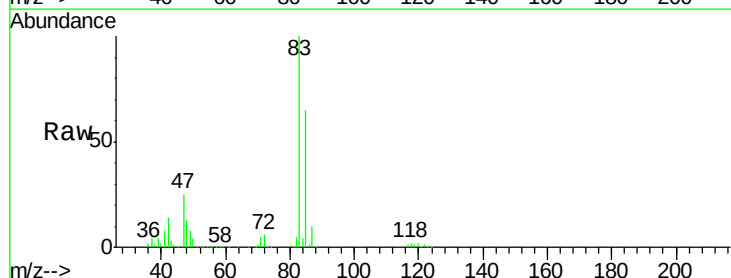
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303I2-20180428MSD

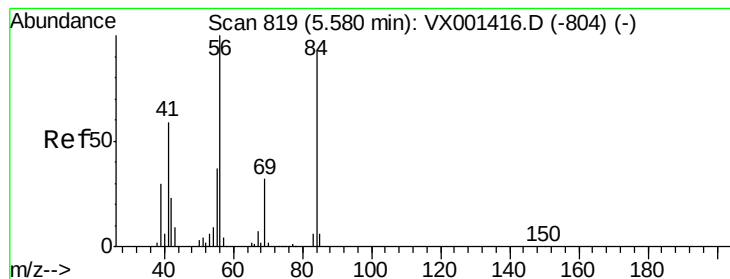
Tgt Ion: 42 Resp: 361991
Ion Ratio Lower Upper
42 100
72 44.8 35.4 53.2
71 41.2 33.0 49.4



#30
Chloroform
Concen: 51.39 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001458.D
Acq: 06 May 2018 21:31

Tgt Ion: 83 Resp: 264680
Ion Ratio Lower Upper
83 100
85 64.6 51.0 76.4





#31

Cyclohexane

Concen: 45.74 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I2-20180428MSD

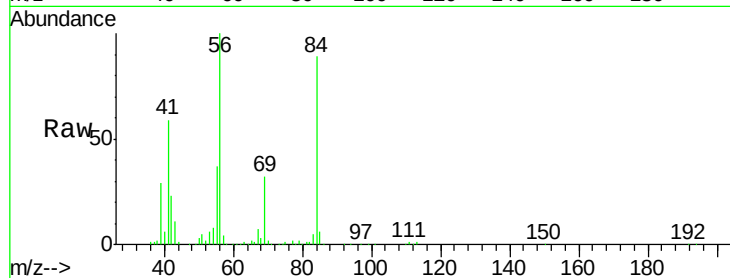
Tgt Ion: 56 Resp: 196434

Ion Ratio Lower Upper

56 100

69 31.6 25.4 38.0

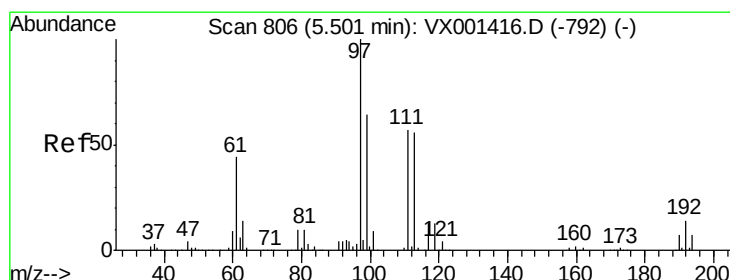
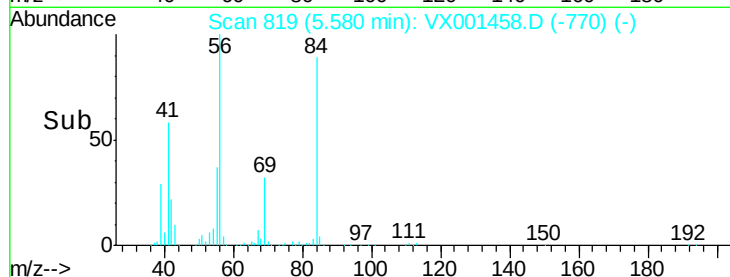
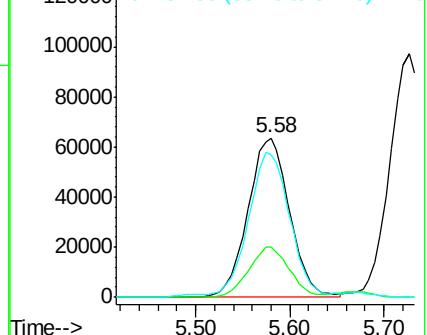
84 87.1 73.8 110.8



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: 51.78 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

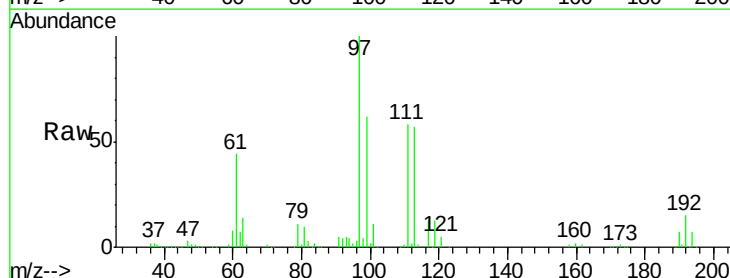
Tgt Ion: 97 Resp: 233092

Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

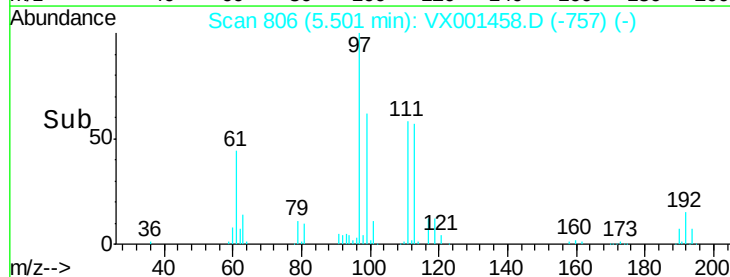
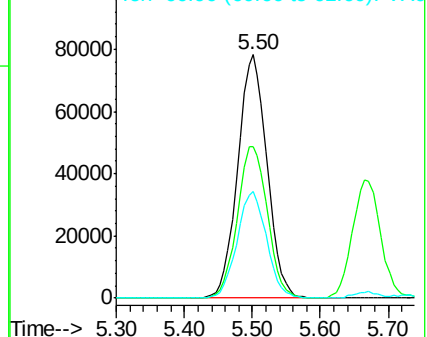
61 44.3 34.8 52.2

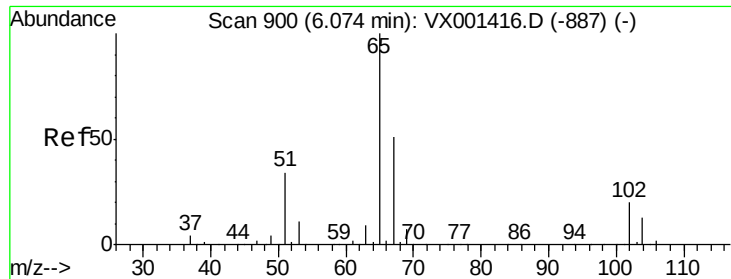


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

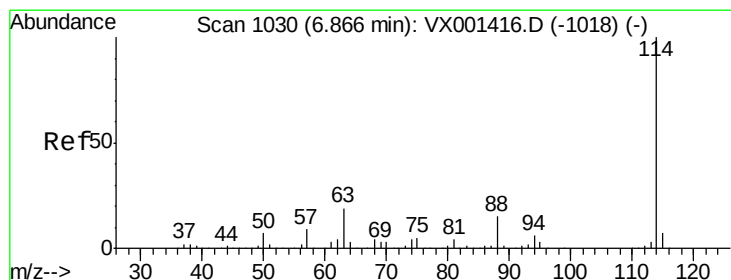
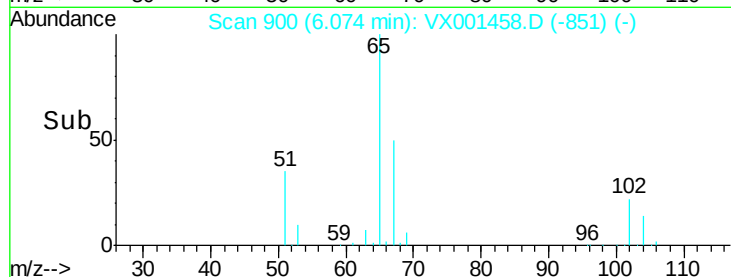
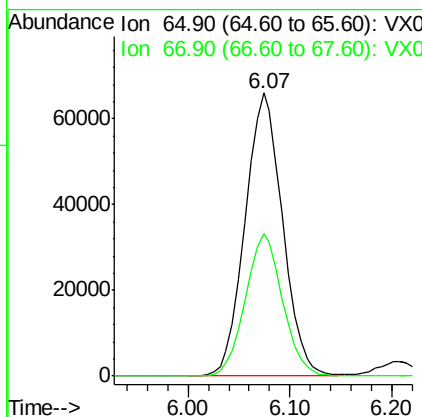
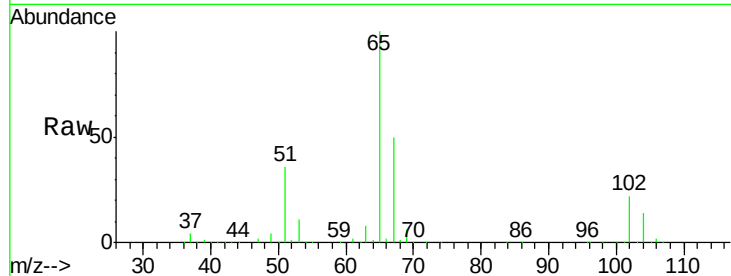




#33
 1,2-Dichloroethane-d4
 Concen: 50.60 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001458.D
 Acq: 06 May 2018 21:31

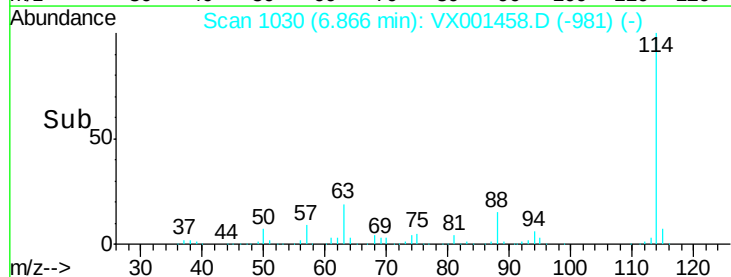
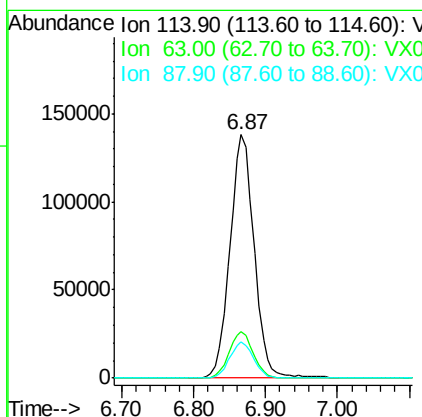
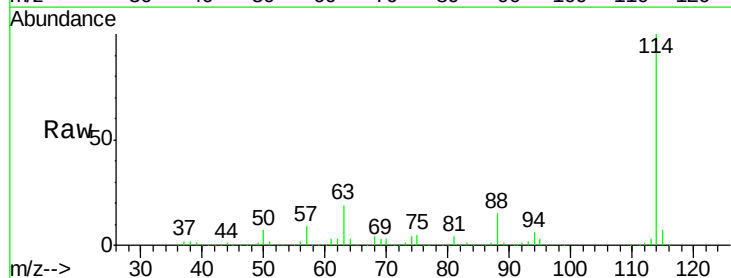
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303I2-20180428MSD

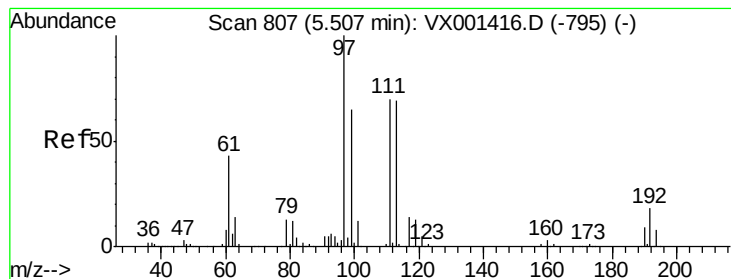
Tgt Ion: 65 Resp: 168877
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001458.D
 Acq: 06 May 2018 21:31

Tgt Ion: 114 Resp: 322913
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 14.7 0.0 30.8





#35

Dibromofluoromethane

Concen: 48.02 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I2-20180428MSD

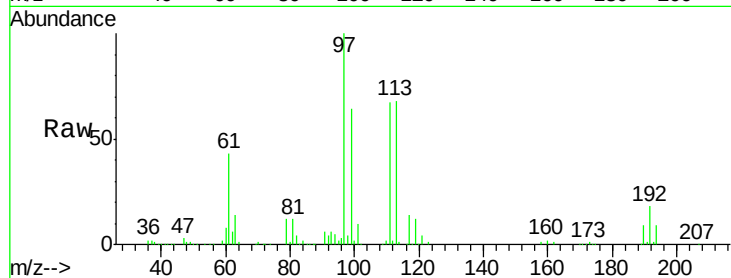
Tgt Ion:113 Resp: 137916

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.2

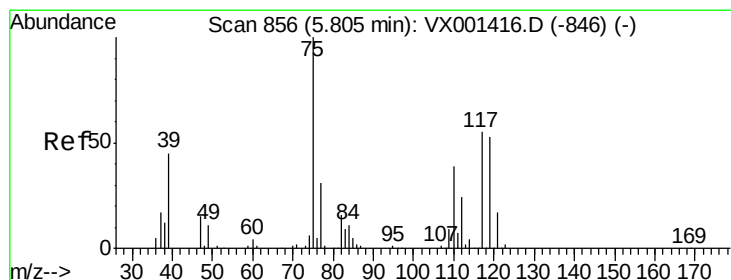
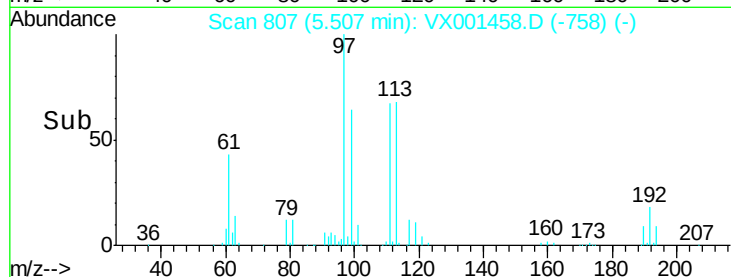
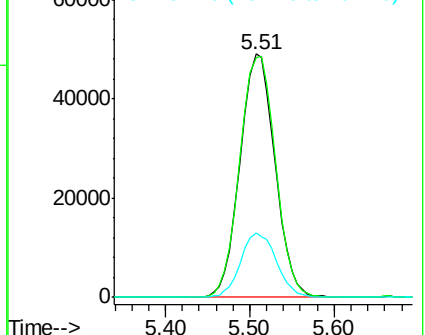
192 27.0 21.4 32.0



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: 44.11 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

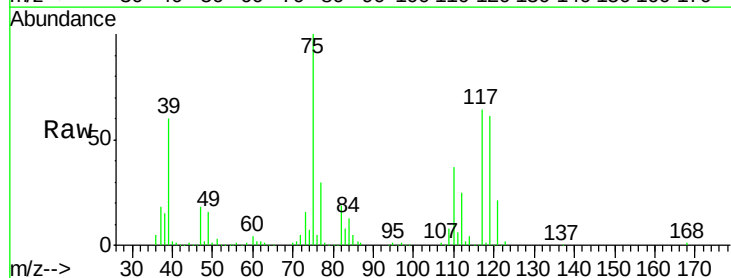
Tgt Ion: 75 Resp: 181181

Ion Ratio Lower Upper

75 100

110 37.2 18.9 56.7

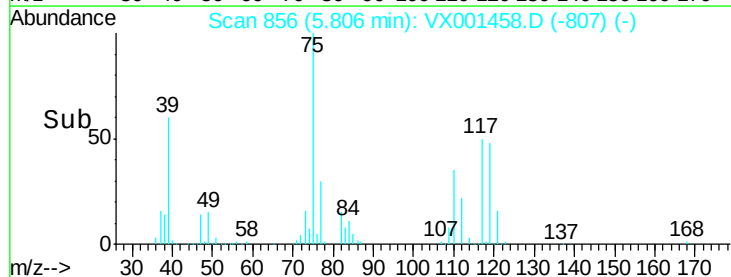
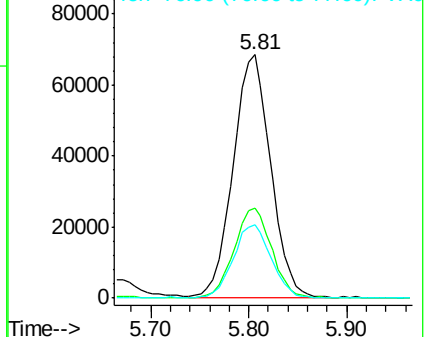
77 30.6 24.9 37.3

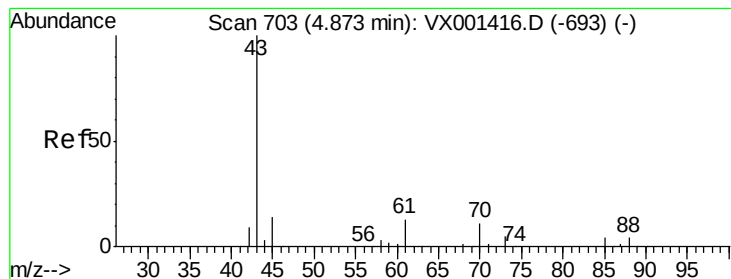


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 31.26 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I2-20180428MSD

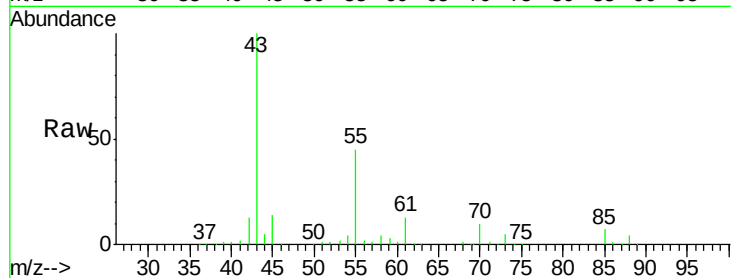
Tgt Ion: 43 Resp: 140738

Ion Ratio Lower Upper

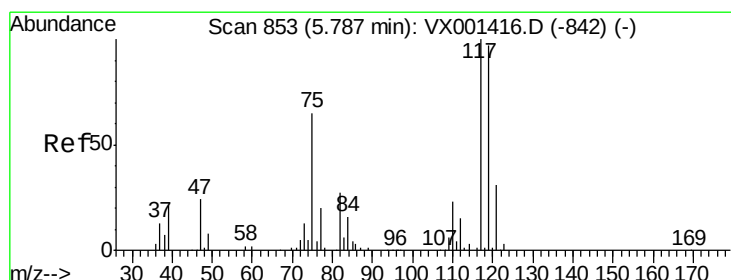
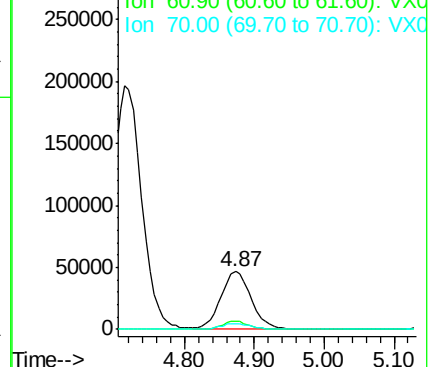
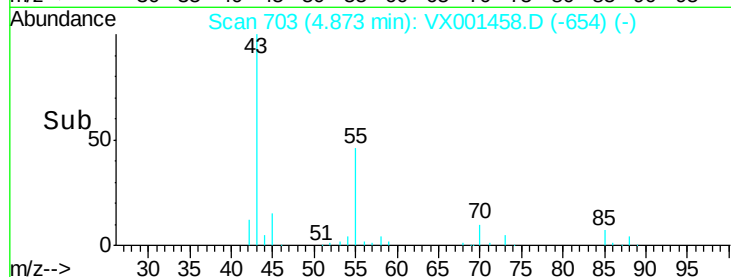
43 100

61 13.1 10.7 16.1

70 9.9 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX001458.D (-654) (-)



#38

Carbon Tetrachloride

Concen: 47.52 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

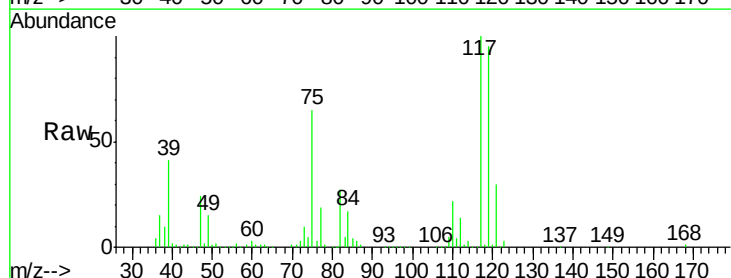
Tgt Ion: 117 Resp: 208195

Ion Ratio Lower Upper

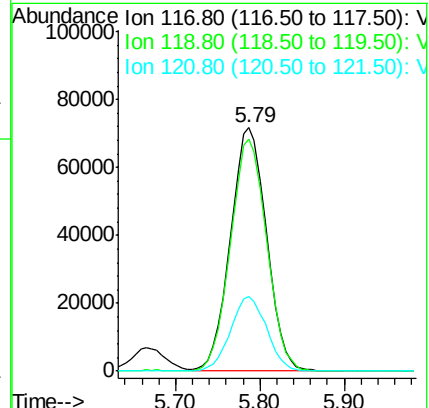
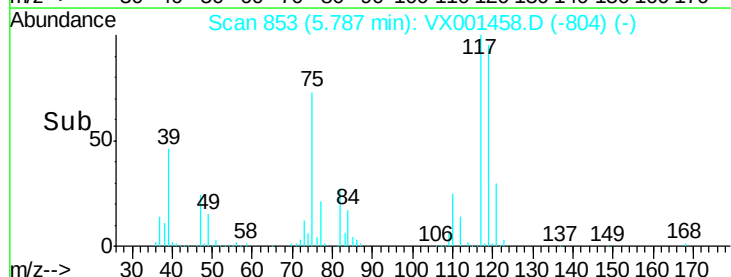
117 100

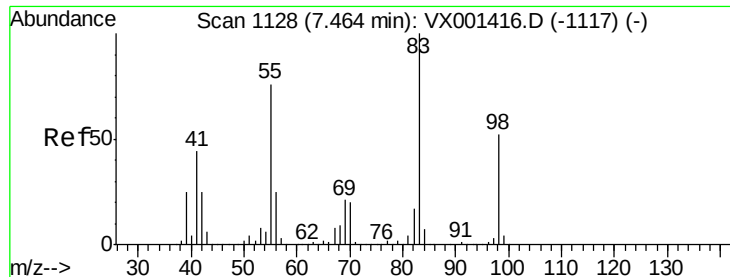
119 95.4 77.0 115.6

121 30.5 25.1 37.7



Abundance Ion 116.80 (116.50 to 117.50): VX001458.D (-804) (-)

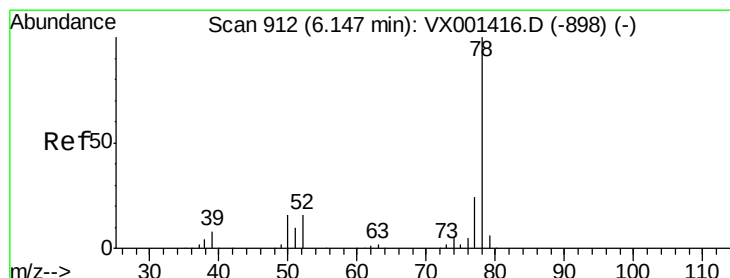
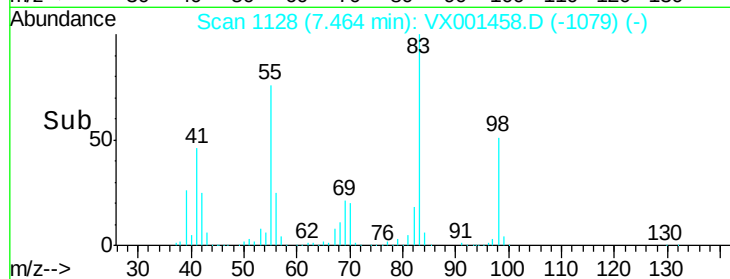
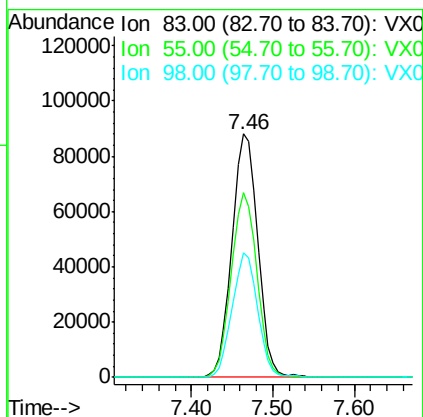
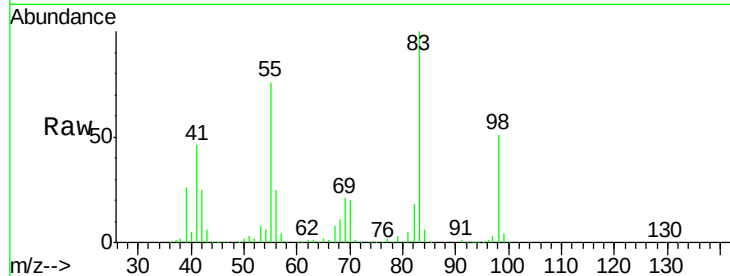




#39
Methylcyclohexane
Concen: 39.69 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001458.D
Acq: 06 May 2018 21:31

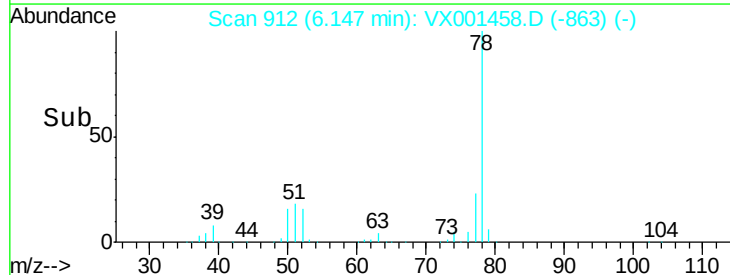
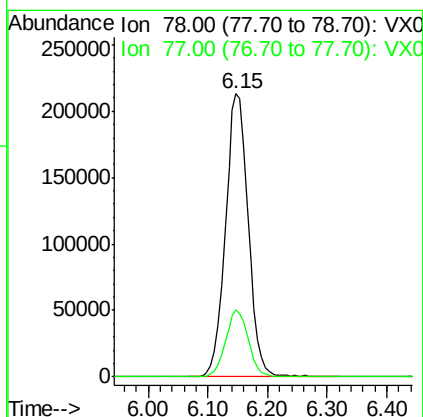
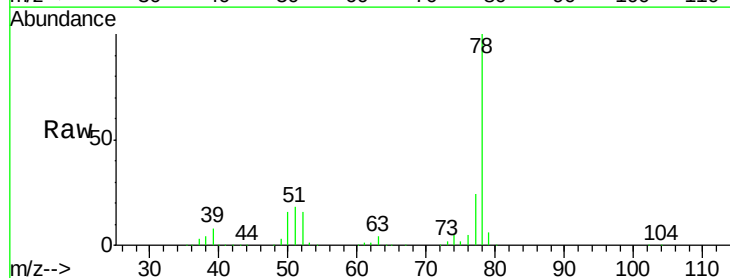
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303I2-20180428MSD

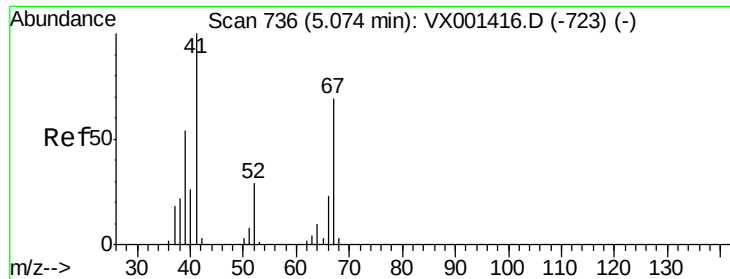
Tgt Ion: 83 Resp: 192722
Ion Ratio Lower Upper
83 100
55 75.9 60.9 91.3
98 51.0 41.9 62.9



#40
Benzene
Concen: 47.01 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001458.D
Acq: 06 May 2018 21:31

Tgt Ion: 78 Resp: 564020
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.2

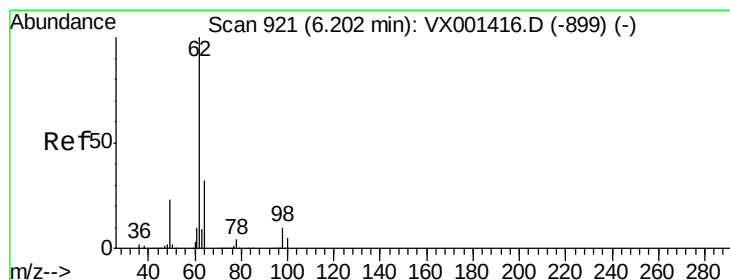
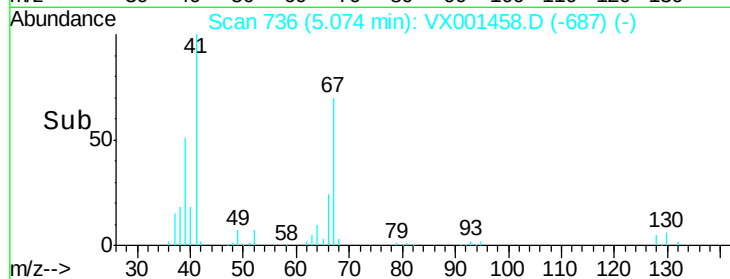
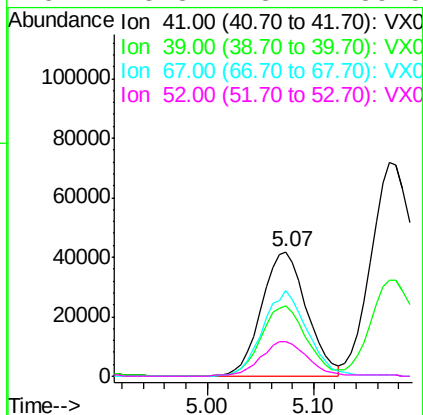
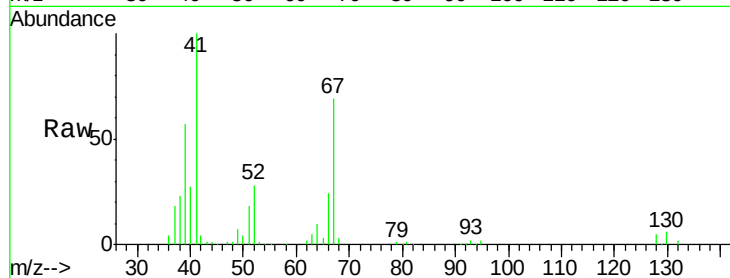




#41
Methacrylonitrile
Concen: 47.54 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001458.D
Acq: 06 May 2018 21:31

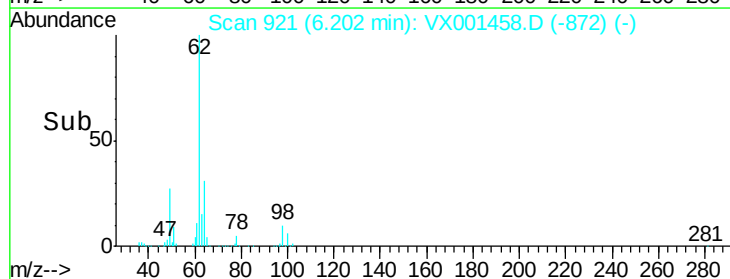
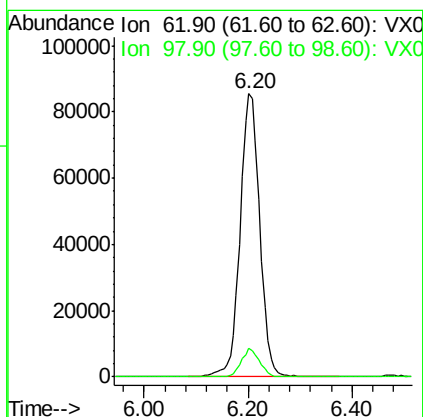
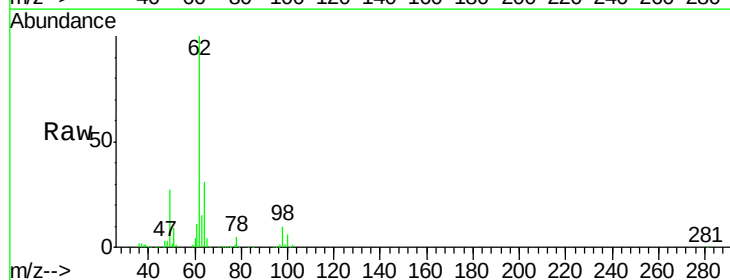
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303I2-20180428MSD

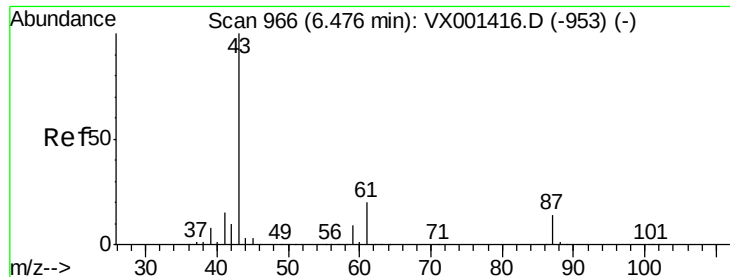
Tgt Ion:	41	Resp:	122467
Ion	Ratio	Lower	Upper
41	100		
39	57.0	45.0	67.6
67	68.8	55.0	82.6
52	28.8	23.4	35.0



#42
1,2-Dichloroethane
Concen: 48.42 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001458.D
Acq: 06 May 2018 21:31

Tgt Ion:	62	Resp:	223258
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.0





#43

Isopropyl Acetate

Concen: 37.58 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I2-20180428MSD

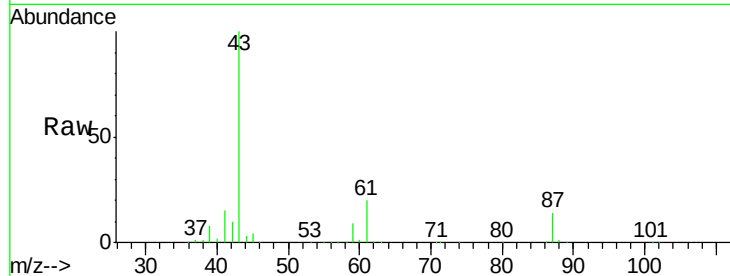
Tgt Ion: 43 Resp: 259741

Ion Ratio Lower Upper

43 100

61 19.7 15.4 23.0

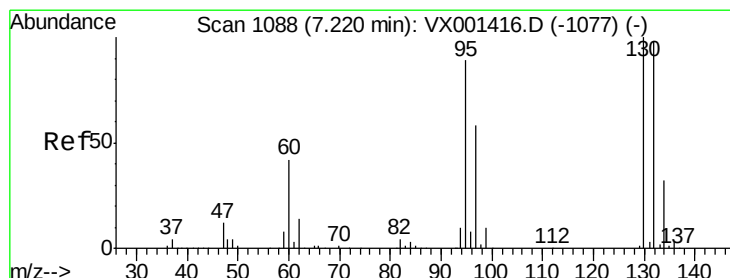
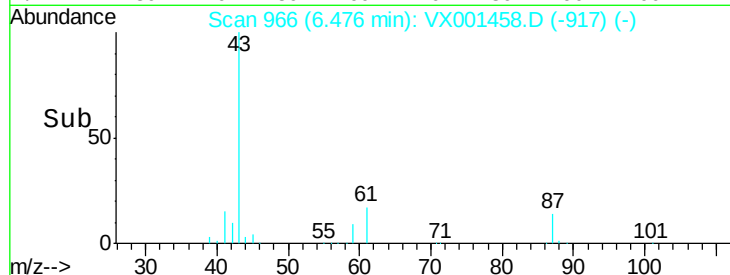
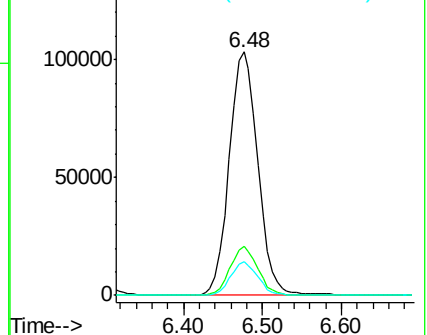
87 13.2 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.67 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001458.D

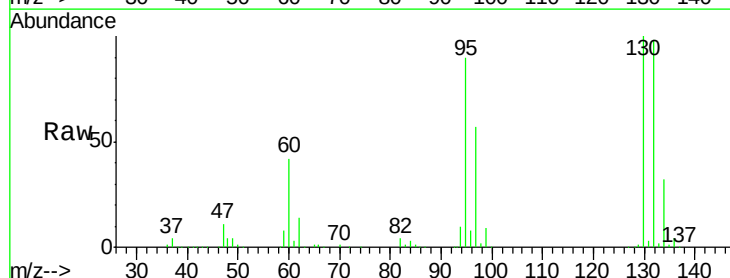
Acq: 06 May 2018 21:31

Tgt Ion: 130 Resp: 174825

Ion Ratio Lower Upper

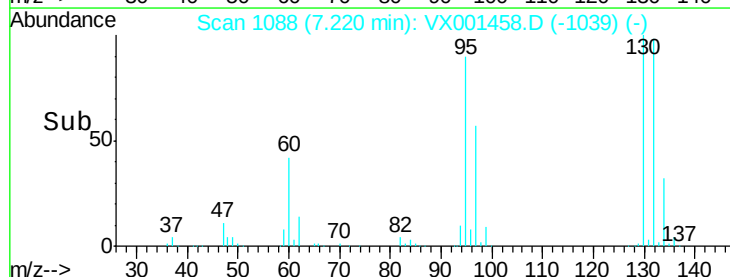
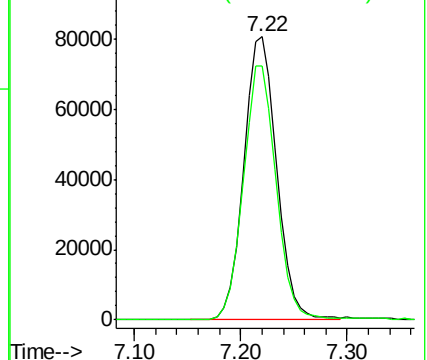
130 100

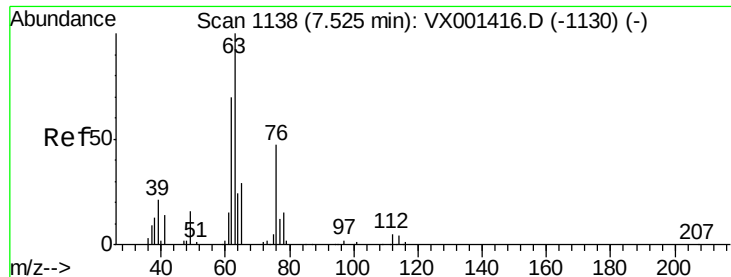
95 89.8 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

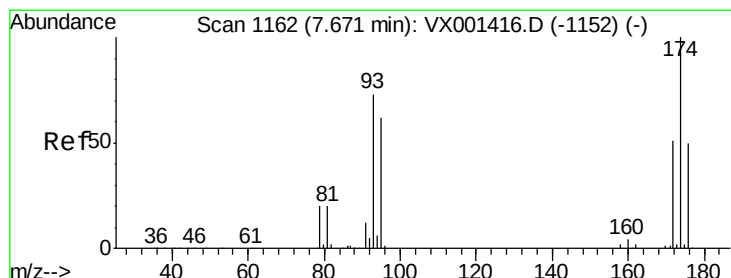
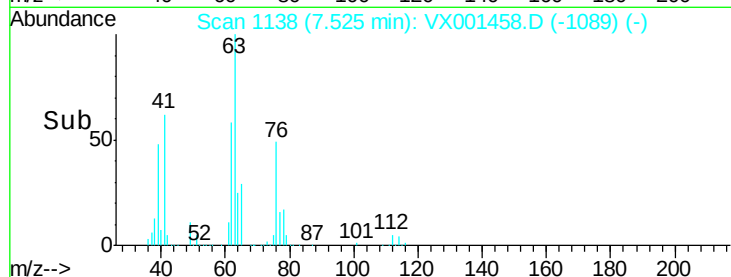
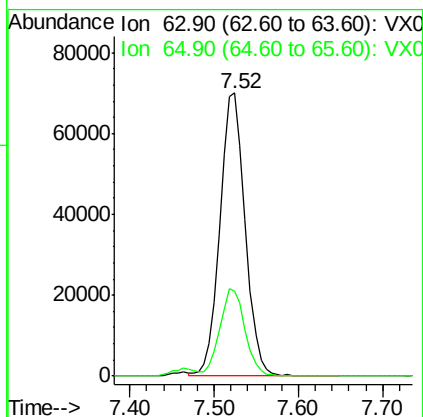
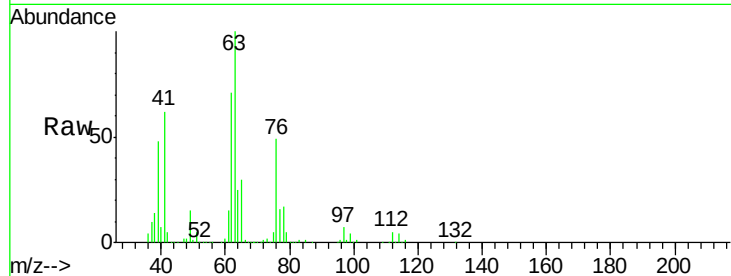




#45
 1,2-Dichloropropane
 Concen: 48.38 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001458.D
 Acq: 06 May 2018 21:31

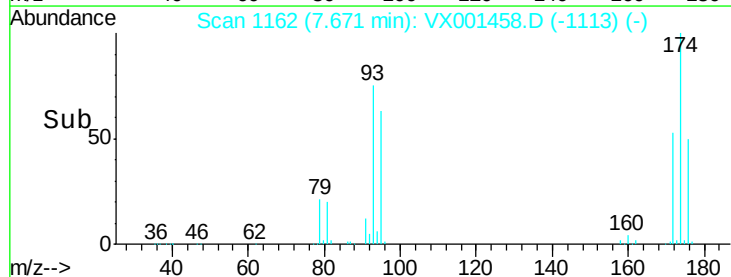
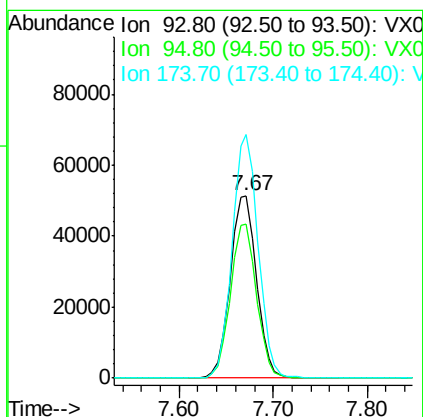
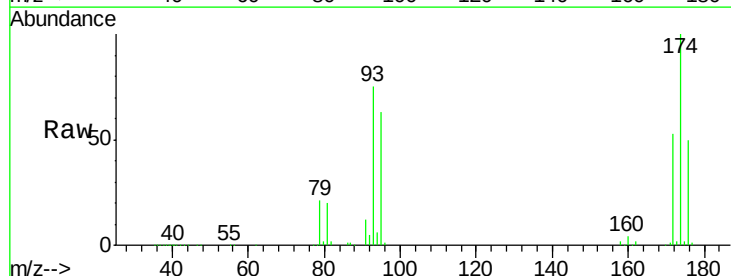
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303I2-20180428MSD

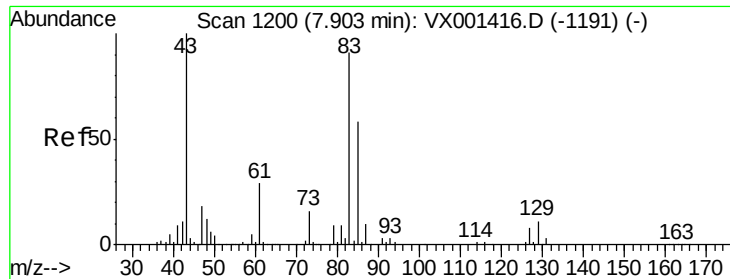
Tgt Ion: 63 Resp: 144710
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.5 36.7



#46
 Dibromomethane
 Concen: 47.11 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001458.D
 Acq: 06 May 2018 21:31

Tgt Ion: 93 Resp: 99749
 Ion Ratio Lower Upper
 93 100
 95 83.9 67.0 100.4
 174 131.4 104.5 156.7





#47

Bromodichloromethane

Concen: 50.11 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I2-20180428MSD

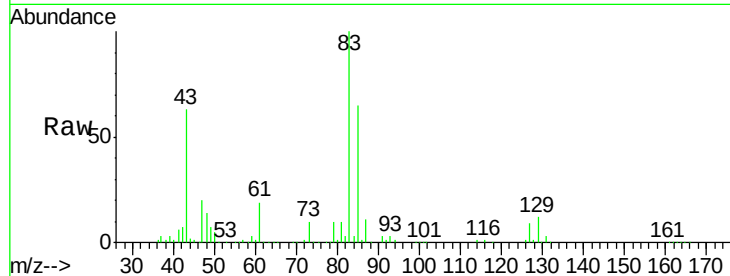
Tgt Ion: 83 Resp: 196360

Ion Ratio Lower Upper

83 100

85 65.4 51.0 76.6

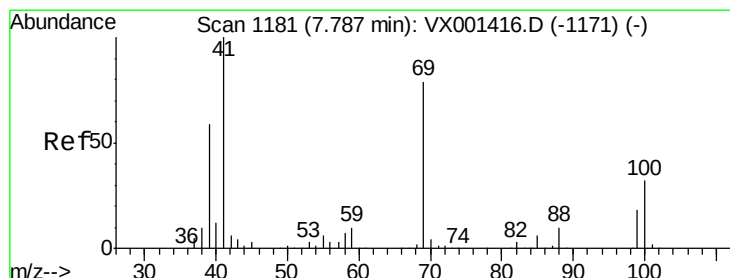
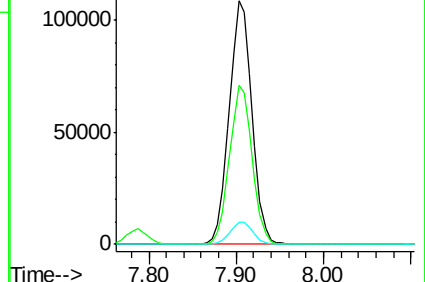
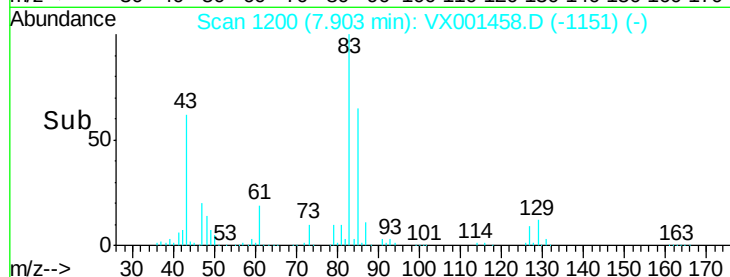
127 9.1 7.4 11.2



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: 48.57 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

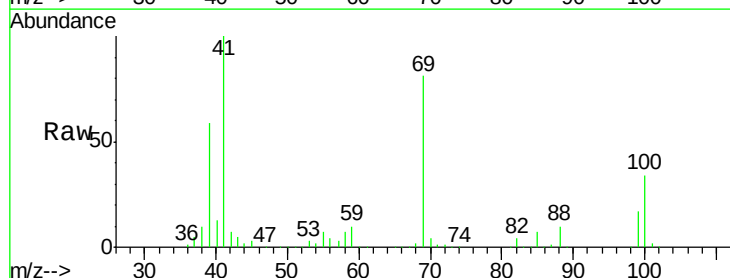
Tgt Ion: 41 Resp: 182812

Ion Ratio Lower Upper

41 100

69 78.9 63.4 95.2

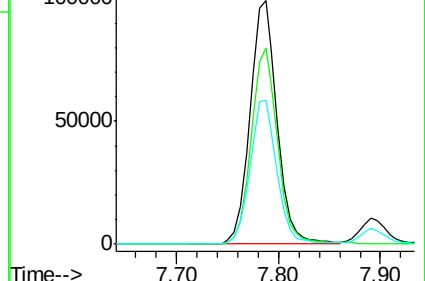
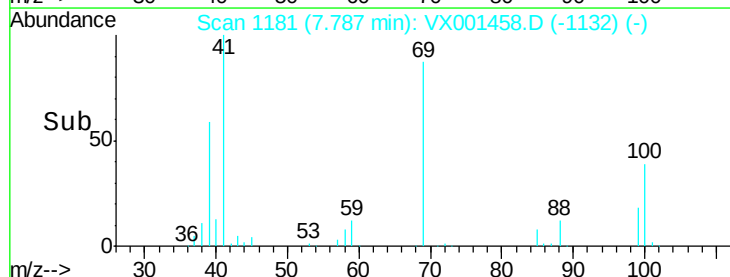
39 59.1 47.0 70.4

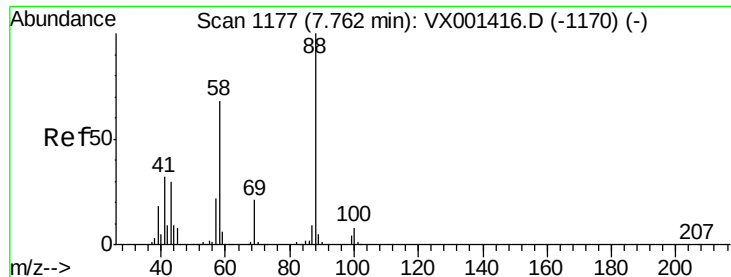


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1053.11 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I2-20180428MSD

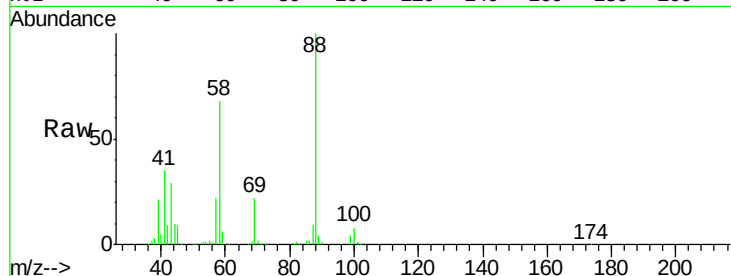
Tgt Ion: 88 Resp: 85634

Ion Ratio Lower Upper

88 100

43 33.2 26.4 39.6

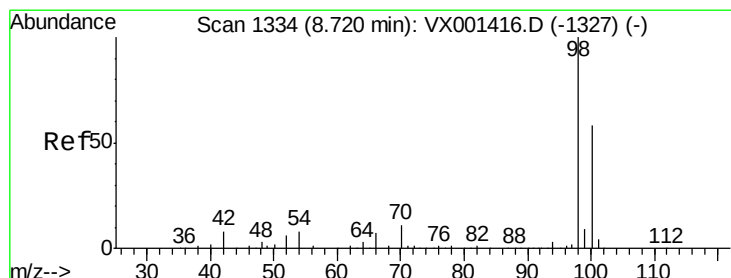
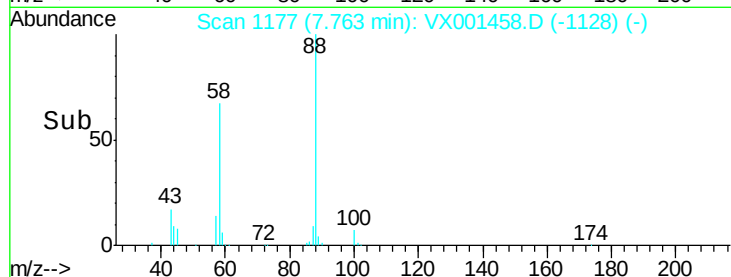
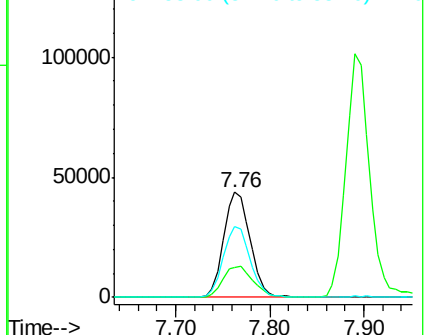
58 68.8 54.1 81.1



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.35 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001458.D

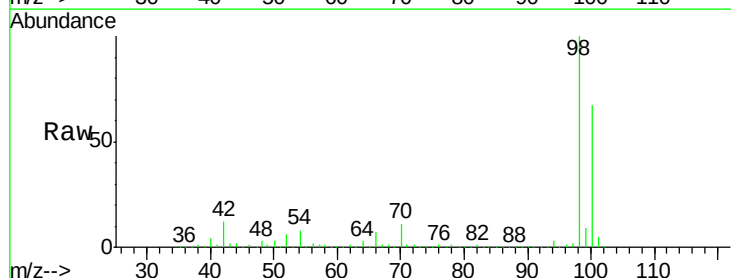
Acq: 06 May 2018 21:31

Tgt Ion: 98 Resp: 496479

Ion Ratio Lower Upper

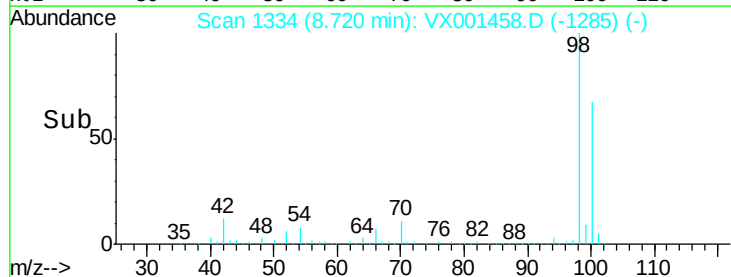
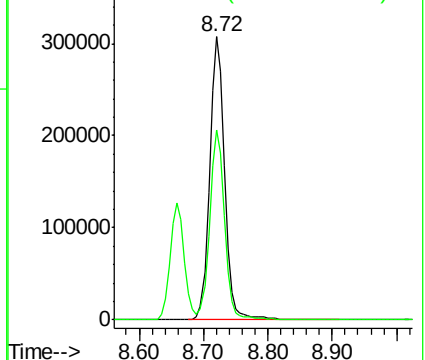
98 100

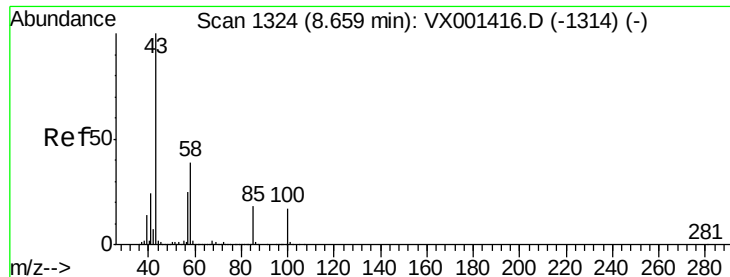
100 67.4 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 253.27 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

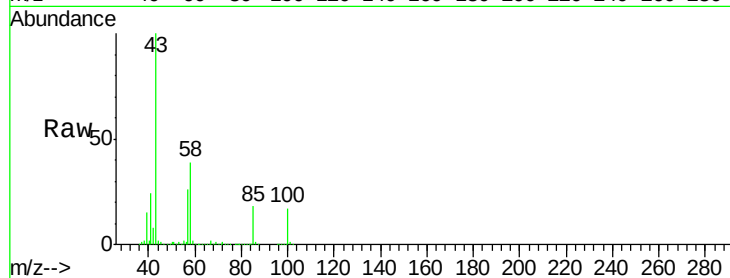
BPS1-TT-MW303I2-20180428MSD

Tgt Ion: 43 Resp: 1163311

Ion Ratio Lower Upper

43 100

58 39.1 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

800000

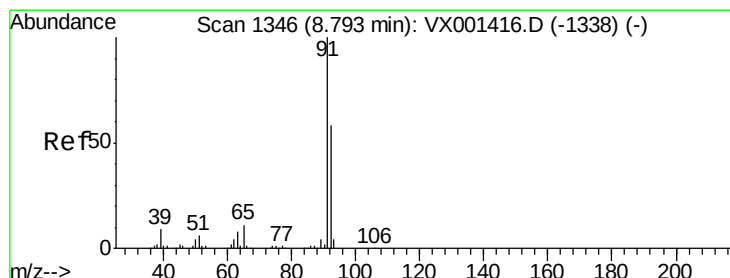
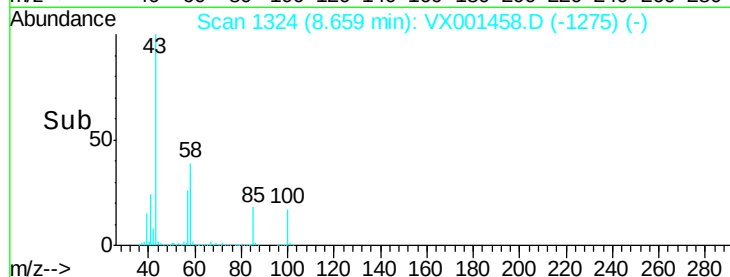
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 47.87 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001458.D

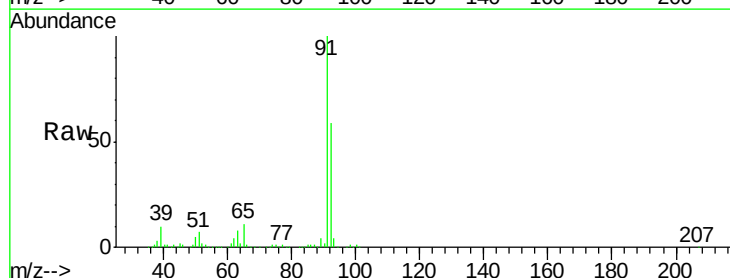
Acq: 06 May 2018 21:31

Tgt Ion: 92 Resp: 375525

Ion Ratio Lower Upper

92 100

91 168.6 135.2 202.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

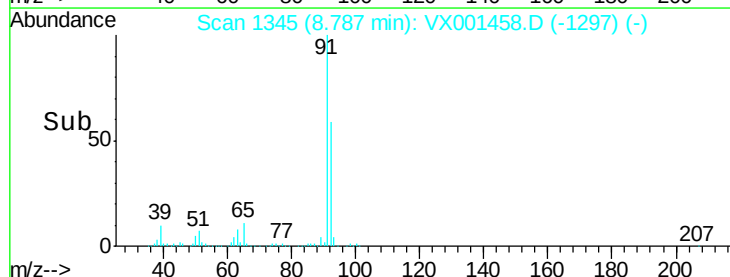
300000

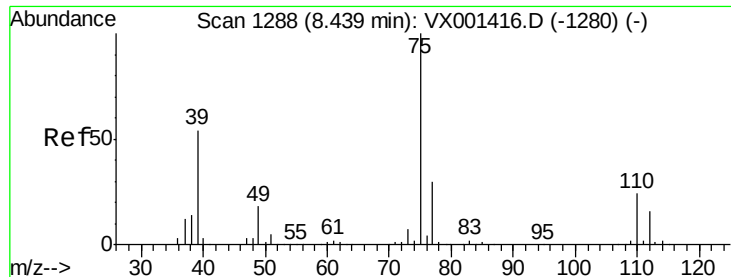
200000

100000

0

Time-->

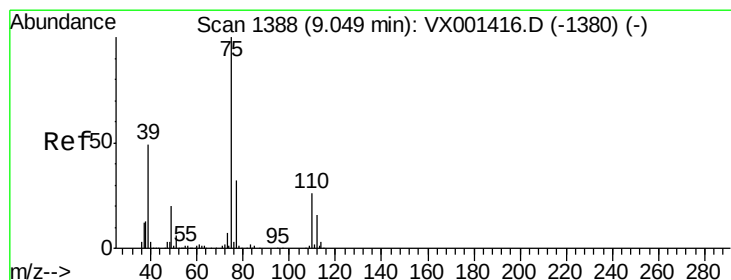
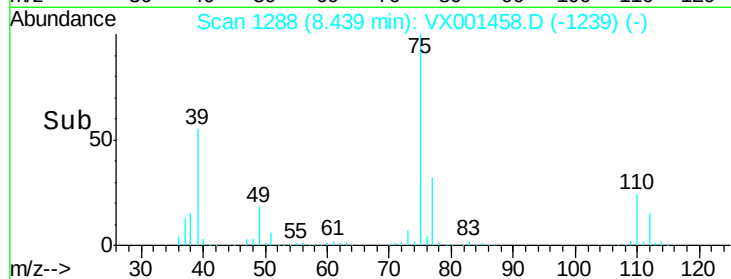
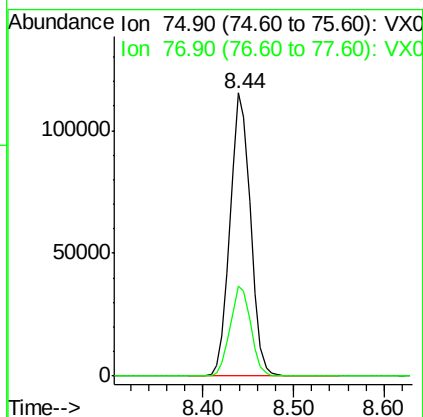
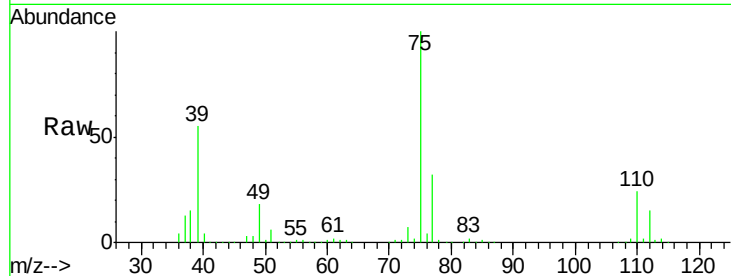




#53
 t-1,3-Dichloropropene
 Concen: 40.71 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX001458.D
 Acq: 06 May 2018 21:31

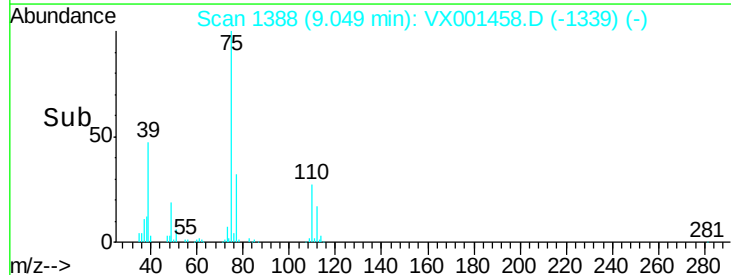
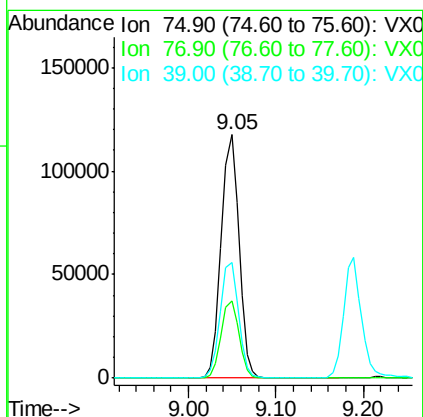
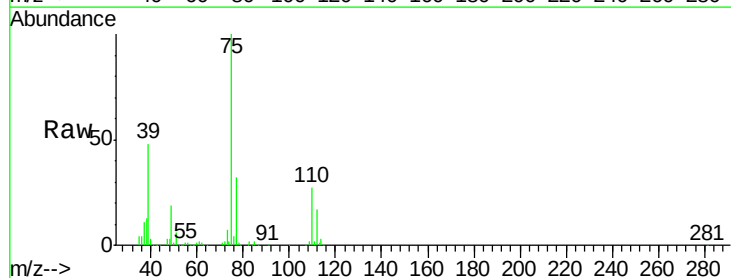
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303I2-20180428MSD

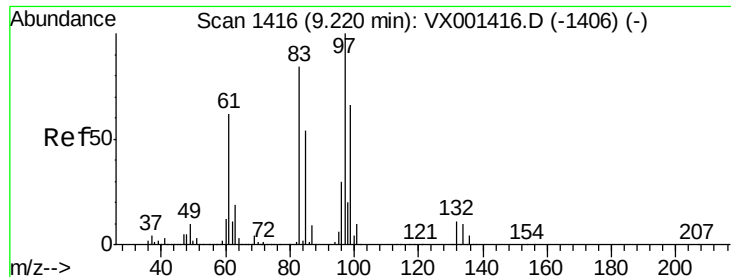
Tgt Ion: 75 Resp: 180311
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.2 36.4



#54
 cis-1,3-Dichloropropene
 Concen: 36.92 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001458.D
 Acq: 06 May 2018 21:31

Tgt Ion: 75 Resp: 166234
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.5 38.3
 39 47.6 38.9 58.3

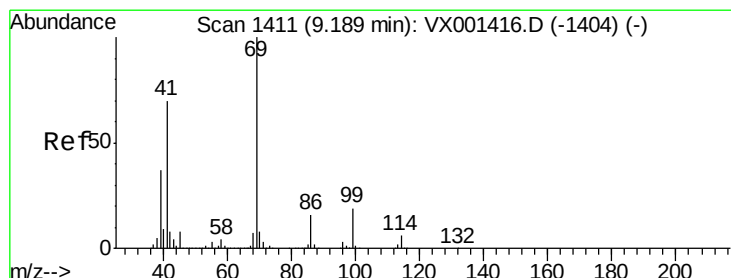
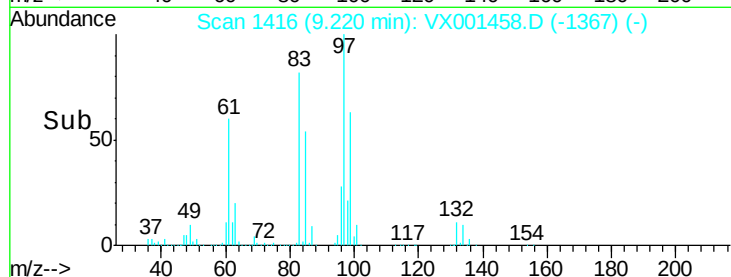
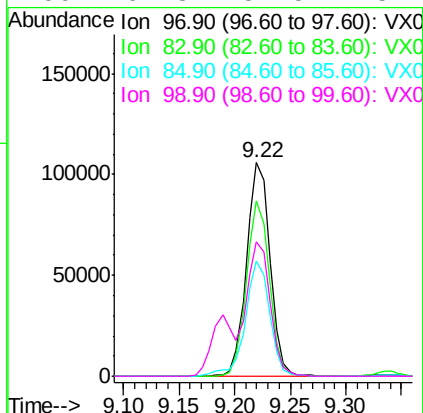
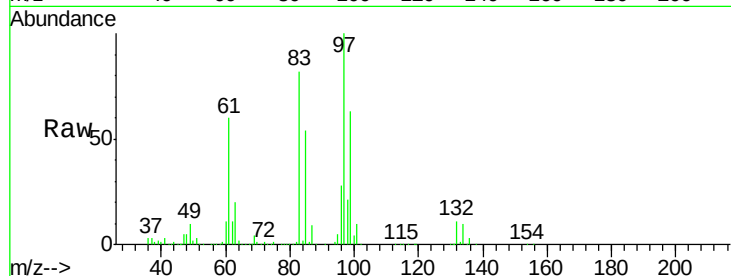




#55
 1,1,2-Trichloroethane
 Concen: 49.18 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001458.D
 Acq: 06 May 2018 21:31

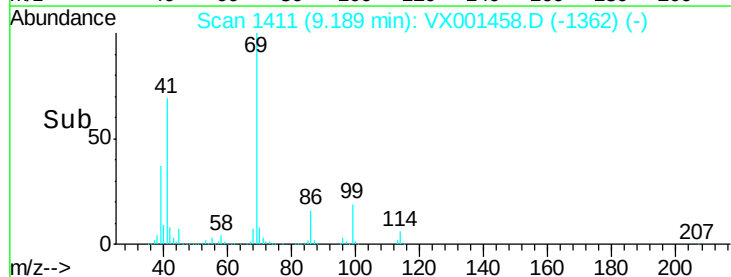
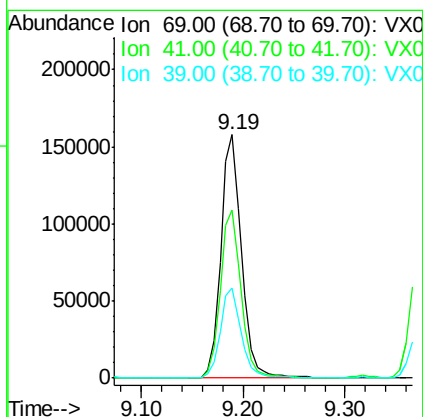
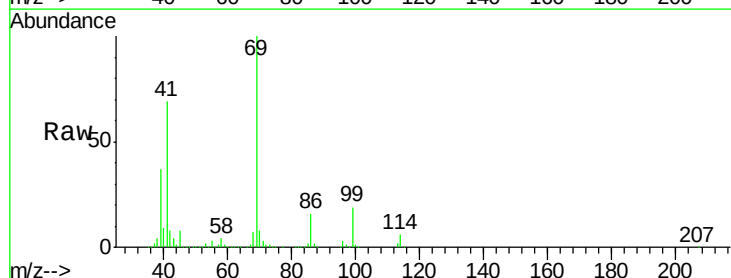
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303I2-20180428MSD

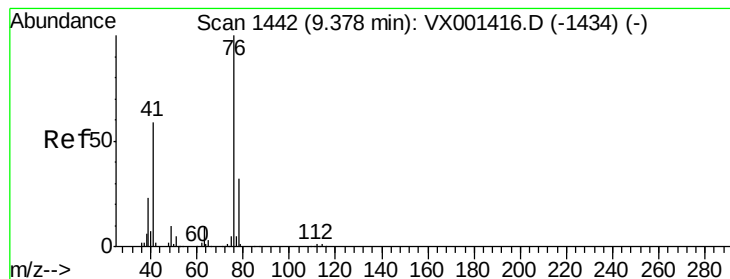
Tgt Ion:	97	Resp:	155439
Ion	Ratio	Lower	Upper
97	100		
83	82.0	67.4	101.0
85	54.1	43.3	64.9
99	62.8	52.5	78.7



#56
 Ethyl methacrylate
 Concen: 48.92 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001458.D
 Acq: 06 May 2018 21:31

Tgt Ion:	69	Resp:	222858
Ion	Ratio	Lower	Upper
69	100		
41	69.3	55.1	82.7
39	37.5	29.9	44.9





#57

1,3-Dichloropropane

Concen: 48.51 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

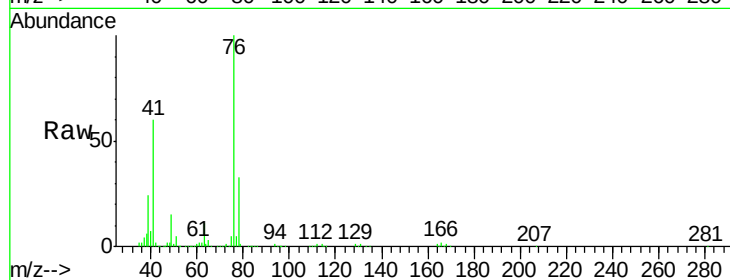
BPS1-TT-MW303I2-20180428MSD

Tgt Ion: 76 Resp: 253496

Ion Ratio Lower Upper

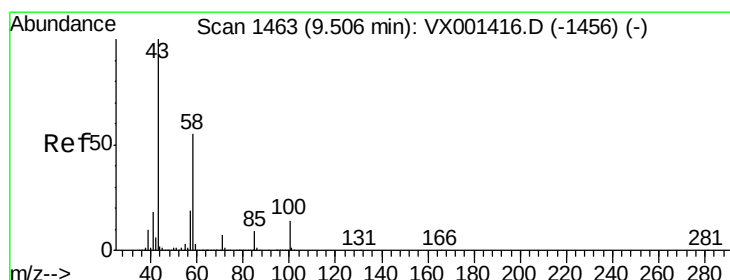
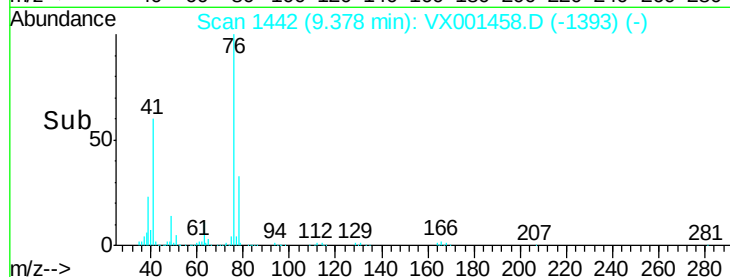
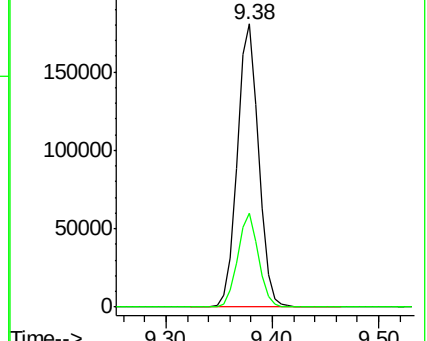
76 100

78 32.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 250.81 ug/l

RT: 9.51 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VX001458.D

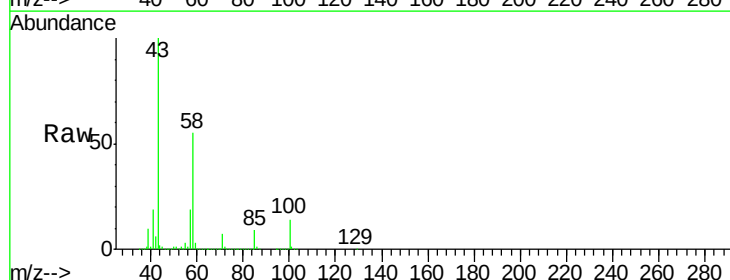
Acq: 06 May 2018 21:31

Tgt Ion: 43 Resp: 882167

Ion Ratio Lower Upper

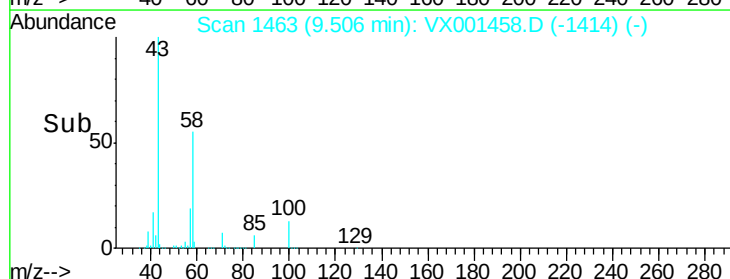
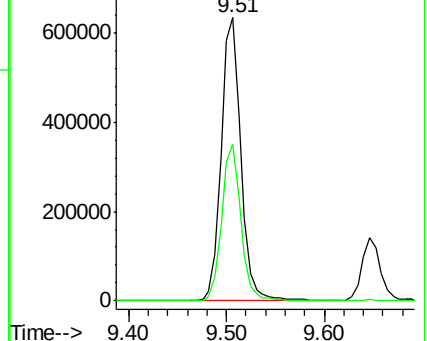
43 100

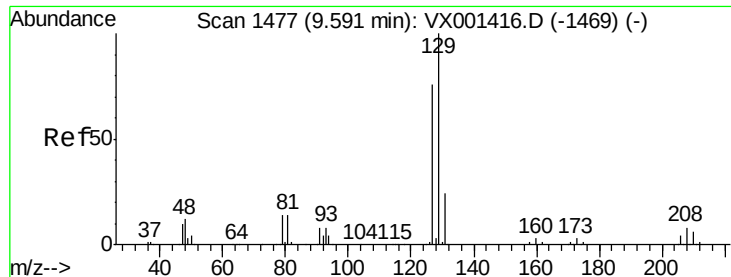
58 54.0 27.1 81.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

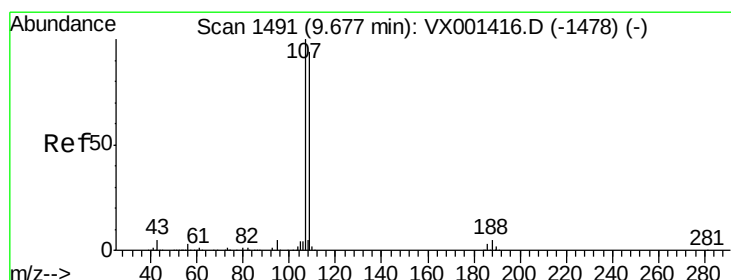
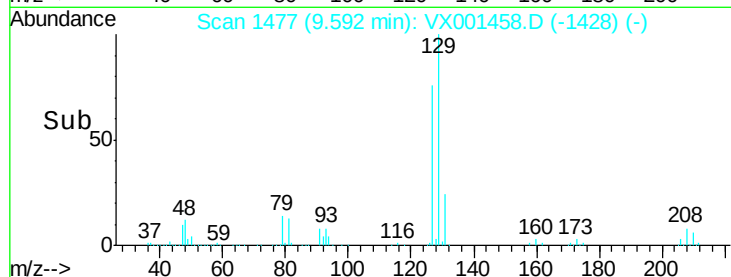
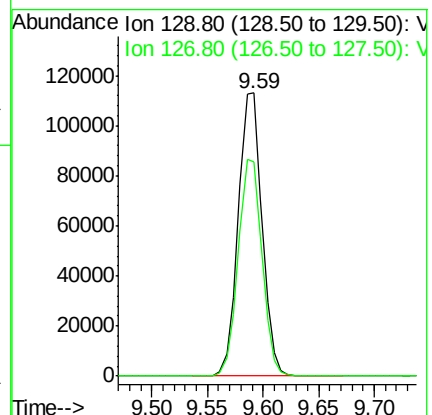
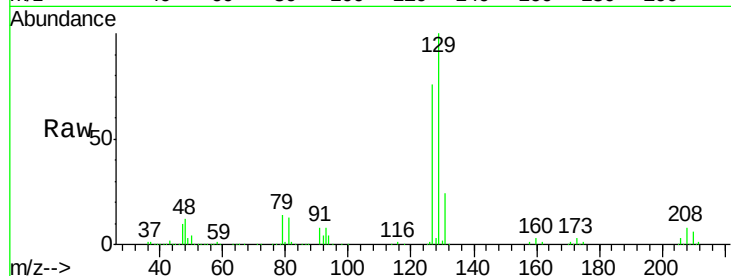




#60
 Dibromochloromethane
 Concen: 51.73 ug/l
 RT: 9.59 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: VX001458.D
 Acq: 06 May 2018 21:31

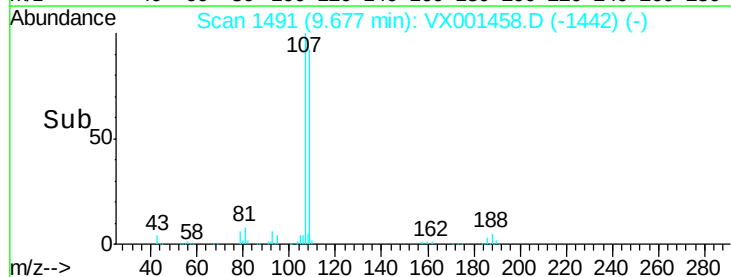
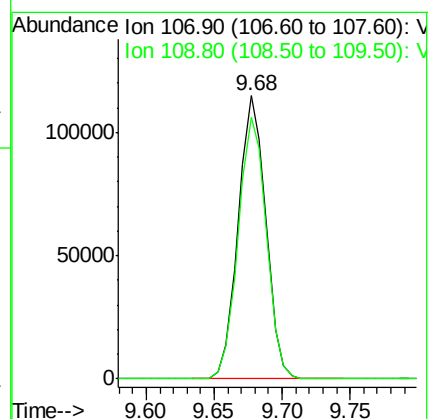
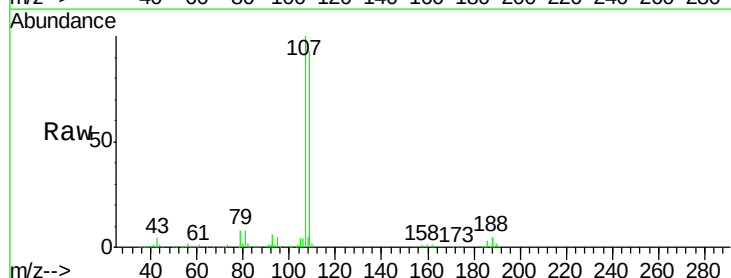
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303I2-20180428MSD

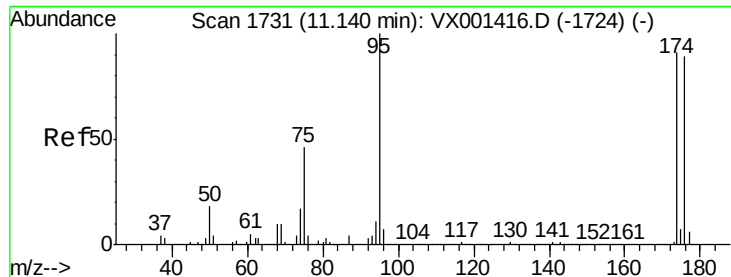
Tgt Ion:129 Resp: 167425
 Ion Ratio Lower Upper
 129 100
 127 76.8 38.1 114.5



#61
 1,2-Dibromoethane
 Concen: 48.90 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX001458.D
 Acq: 06 May 2018 21:31

Tgt Ion:107 Resp: 162289
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.5 113.3

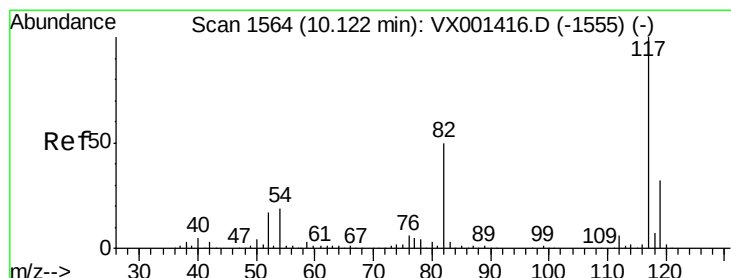
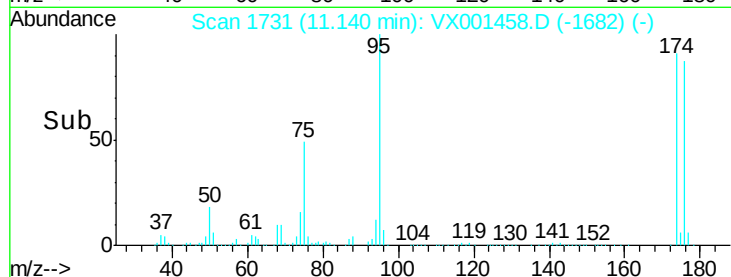
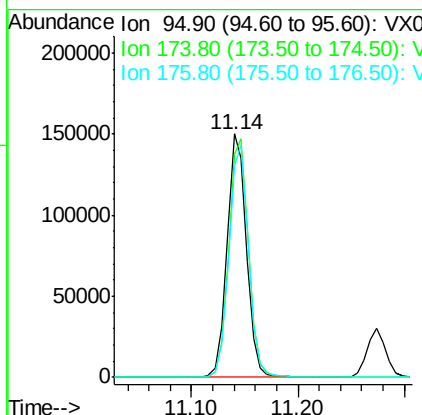
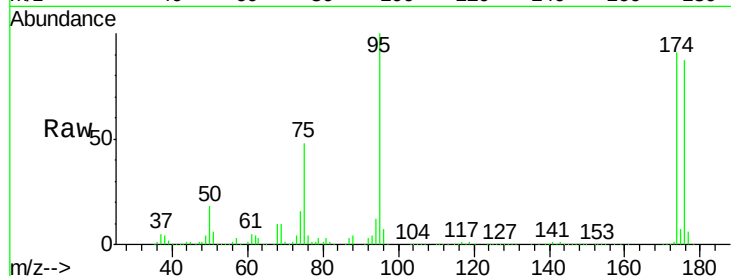




#62
4-Bromofluorobenzene
Concen: 47.59 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001458.D
Acq: 06 May 2018 21:31

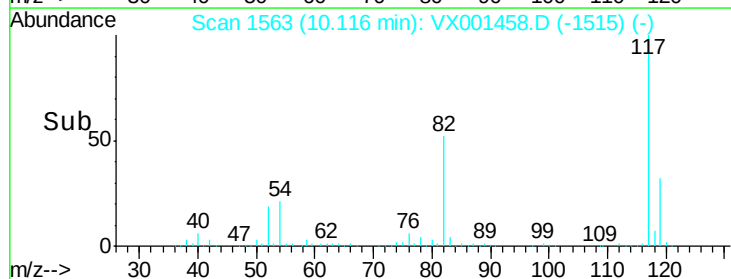
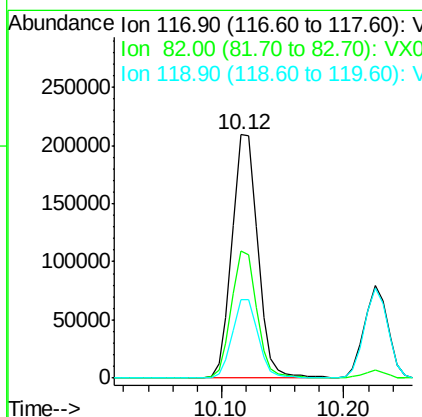
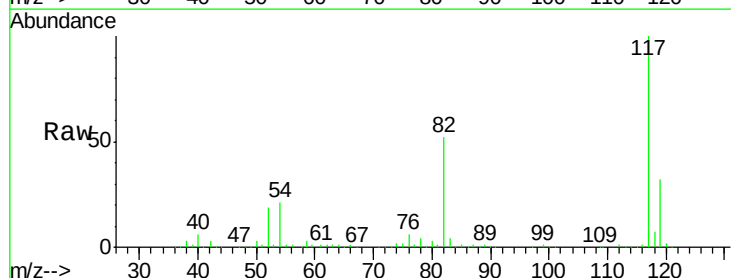
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303I2-20180428MSD

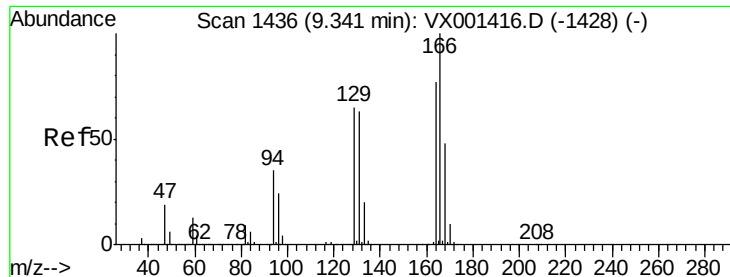
Tgt Ion	Ratio	Lower	Upper
95	100		
174	99.8	0.0	202.0
176	96.5	0.0	197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001458.D
Acq: 06 May 2018 21:31

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.3	40.0	60.0
119	32.1	25.8	38.8

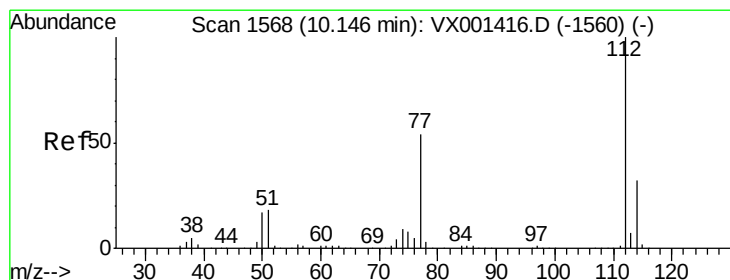
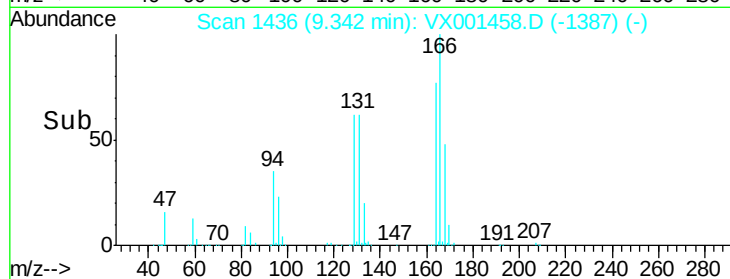
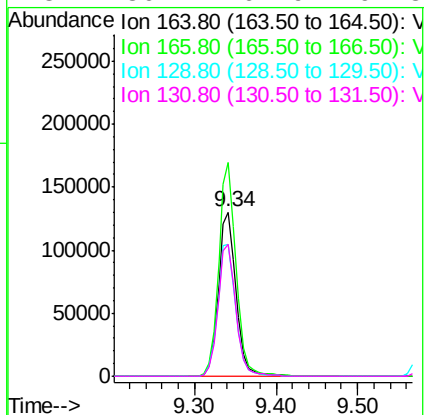
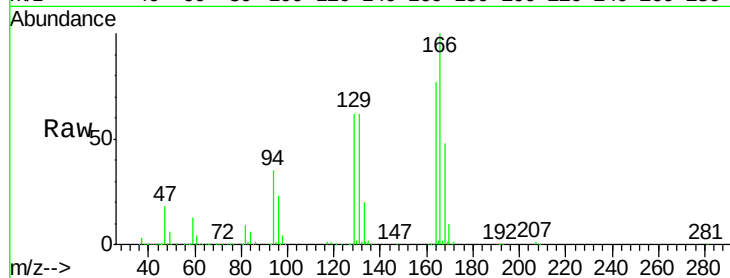




#64
Tetrachloroethene
Concen: 46.34 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001458.D
Acq: 06 May 2018 21:31

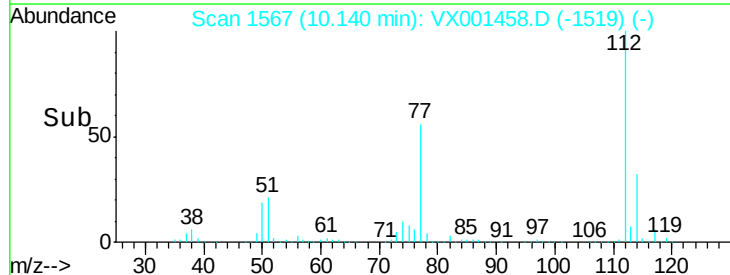
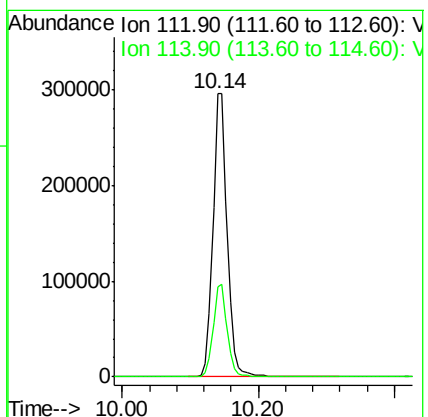
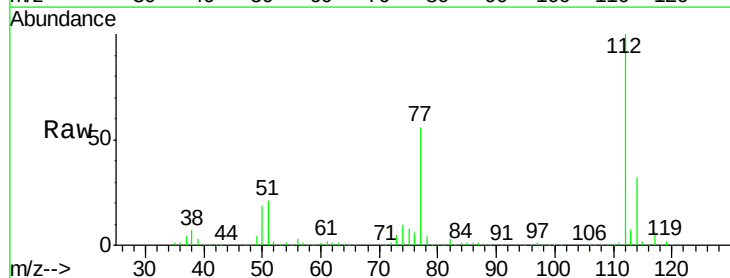
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303I2-20180428MSD

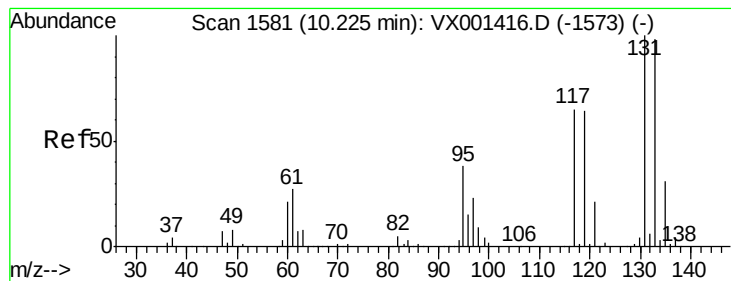
Tgt Ion:164 Resp: 197608
Ion Ratio Lower Upper
164 100
166 130.2 103.5 155.3
129 80.5 66.7 100.1
131 80.1 64.9 97.3



#65
Chlorobenzene
Concen: 47.77 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001458.D
Acq: 06 May 2018 21:31

Tgt Ion:112 Resp: 428615
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0





#66

1,1,1,2-Tetrachloroethane

Concen: 51.01 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I2-20180428MSD

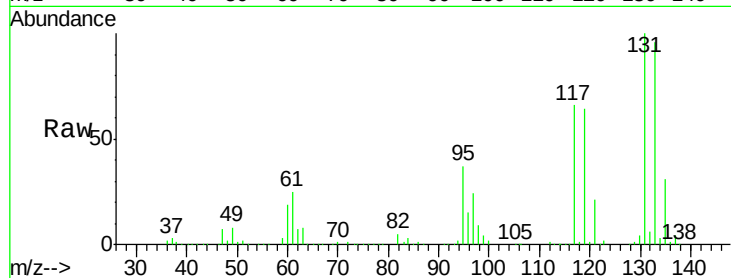
Tgt Ion:131 Resp: 163720

Ion Ratio Lower Upper

131 100

133 95.8 47.9 143.8

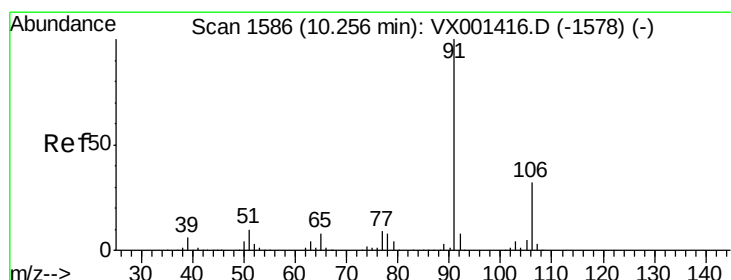
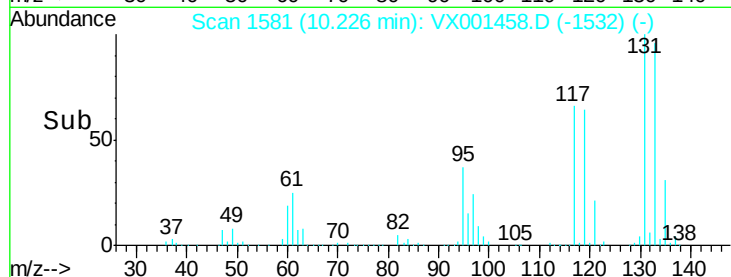
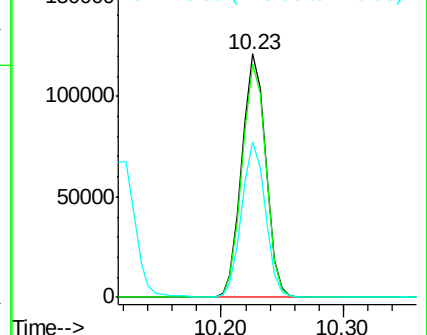
119 62.9 31.1 93.3



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: 47.65 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001458.D

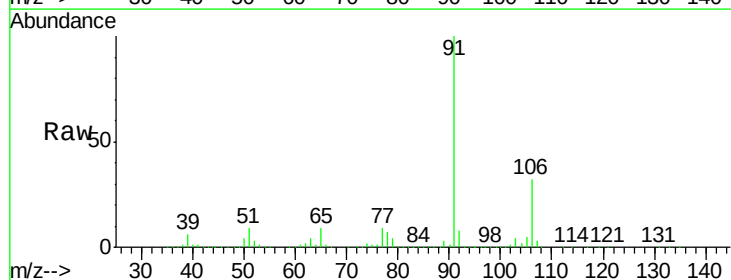
Acq: 06 May 2018 21:31

Tgt Ion: 91 Resp: 700818

Ion Ratio Lower Upper

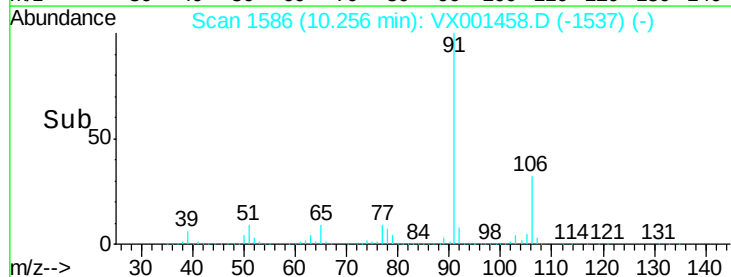
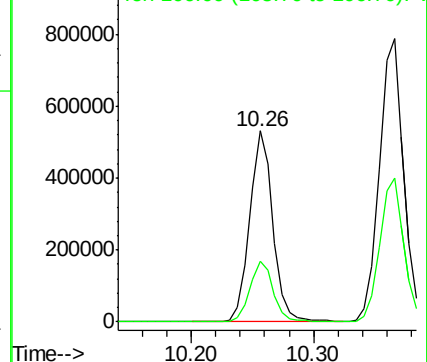
91 100

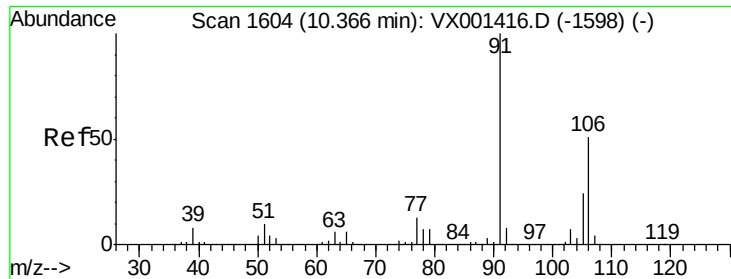
106 31.9 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

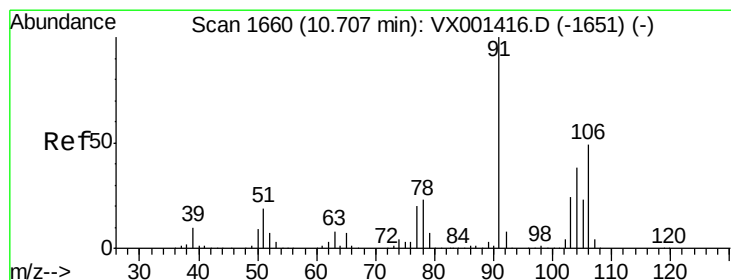
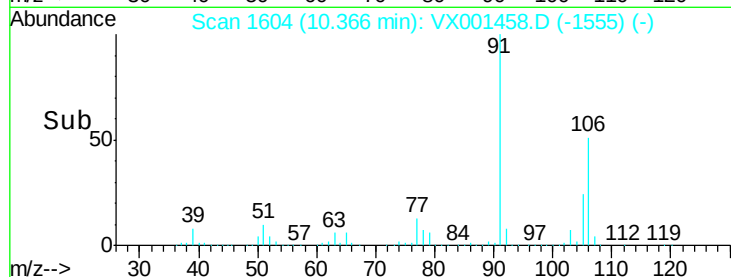
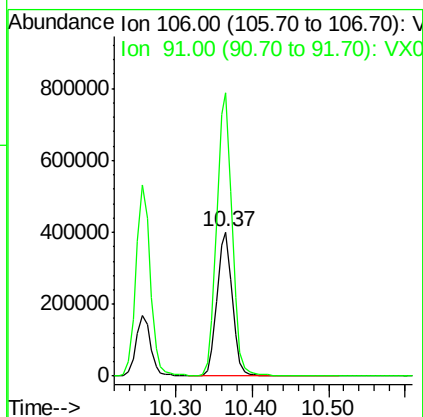
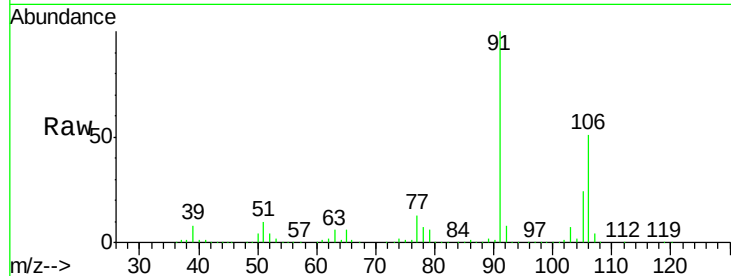




#68
m/p-Xylenes
Concen: 96.35 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001458.D
Acq: 06 May 2018 21:31

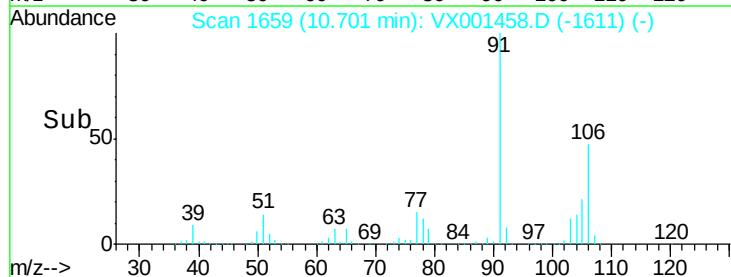
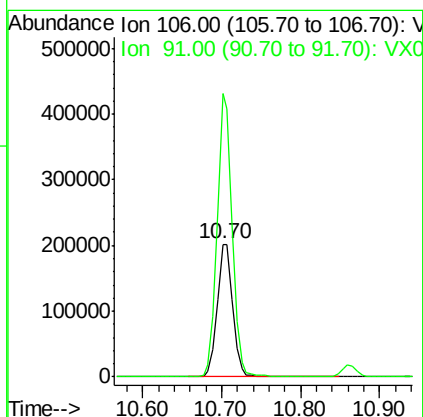
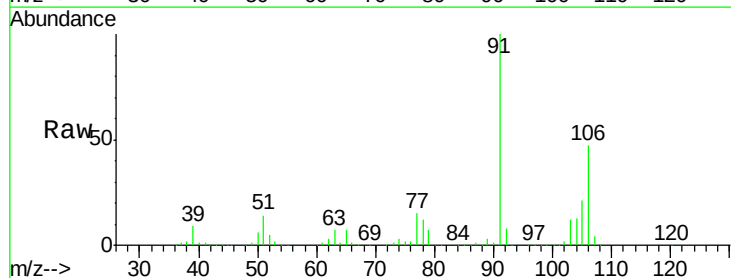
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303I2-20180428MSD

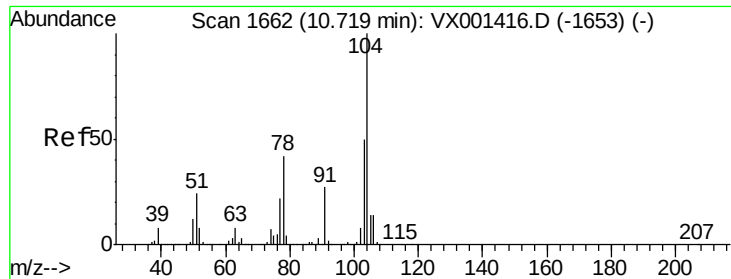
Tgt Ion:106 Resp: 559913
Ion Ratio Lower Upper
106 100
91 196.2 157.5 236.3



#69
o-Xylene
Concen: 49.02 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001458.D
Acq: 06 May 2018 21:31

Tgt Ion:106 Resp: 276831
Ion Ratio Lower Upper
106 100
91 207.7 103.1 309.1





#70

Styrene

Concen: 49.85 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I2-20180428MSD

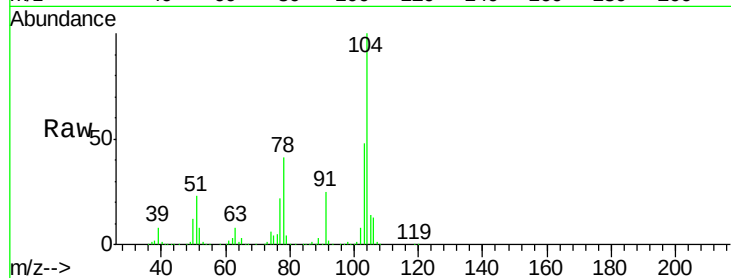
Tgt Ion:104 Resp: 457419

Ion Ratio Lower Upper

104 100

78 48.0 38.6 58.0

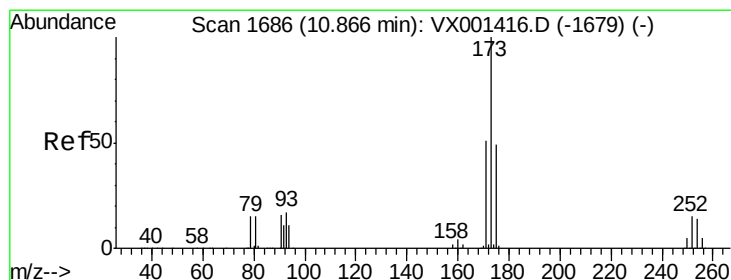
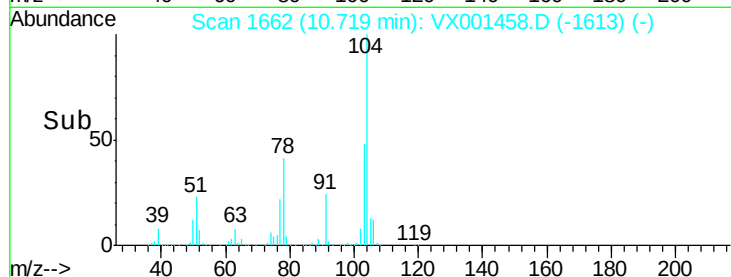
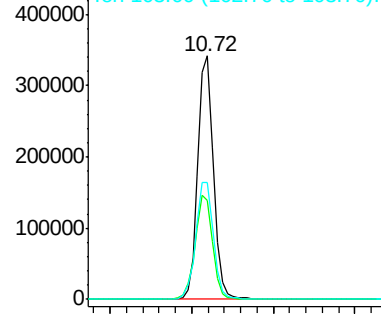
103 54.6 44.0 66.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 45.02 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

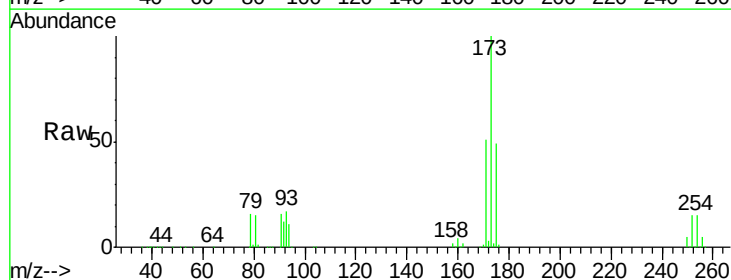
Tgt Ion:173 Resp: 137777

Ion Ratio Lower Upper

173 100

175 49.1 24.5 73.5

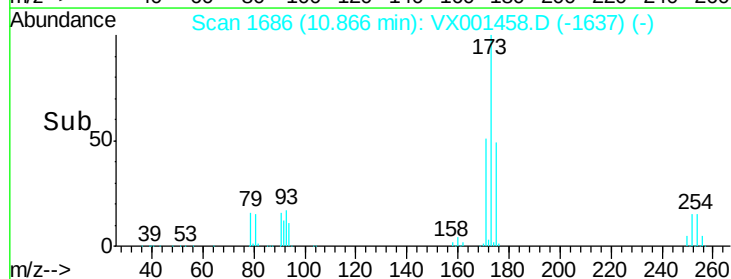
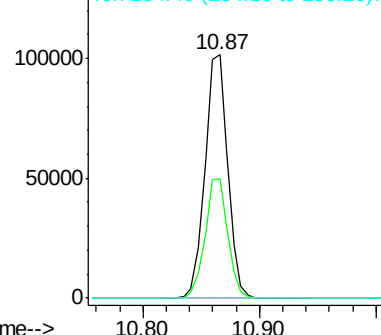
254 0.2 0.2 0.2

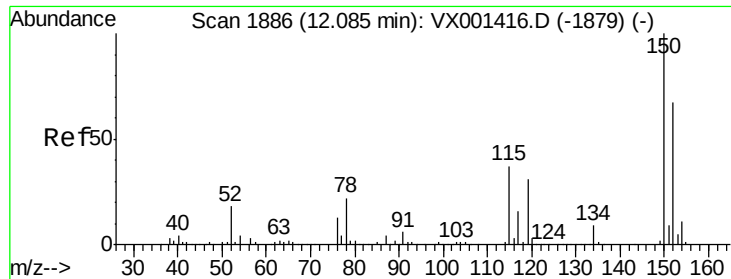


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

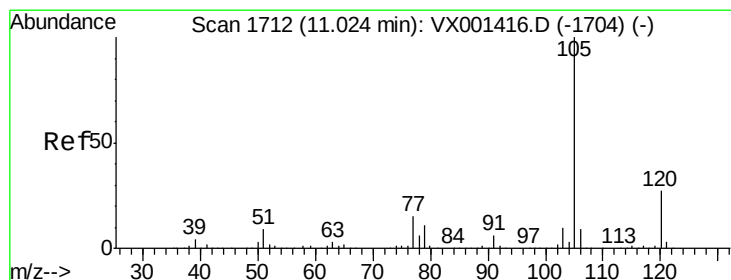
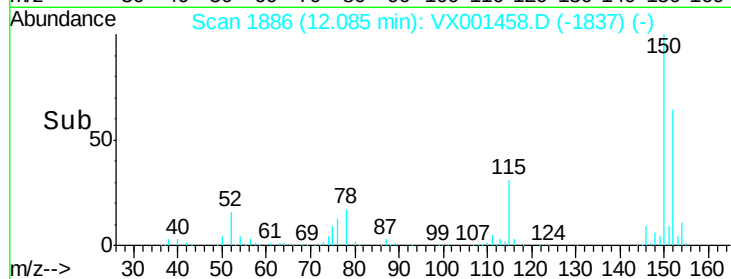
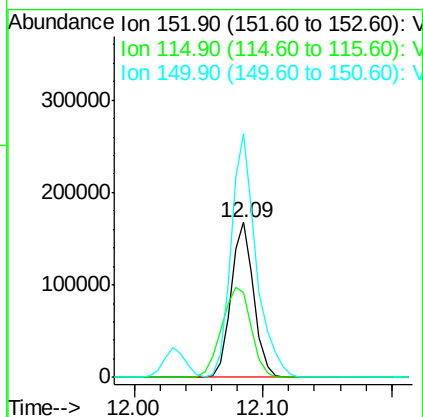
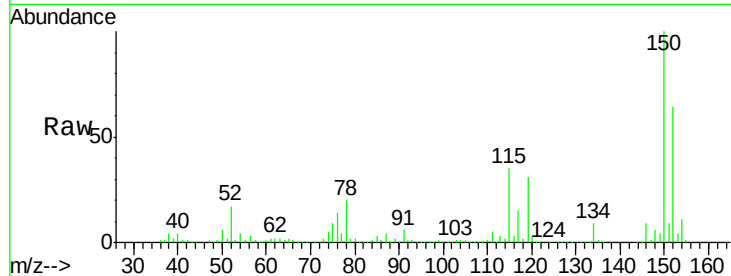




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX001458.D
 Acq: 06 May 2018 21:31

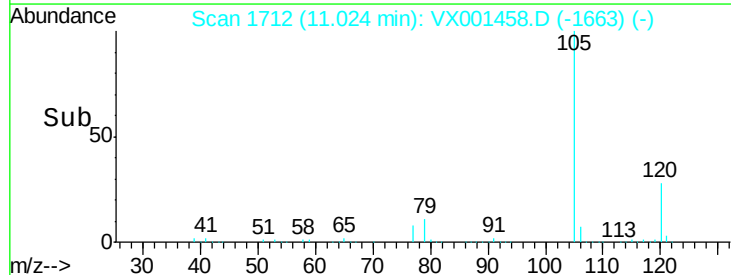
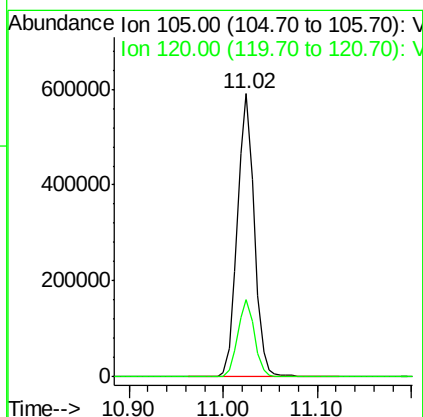
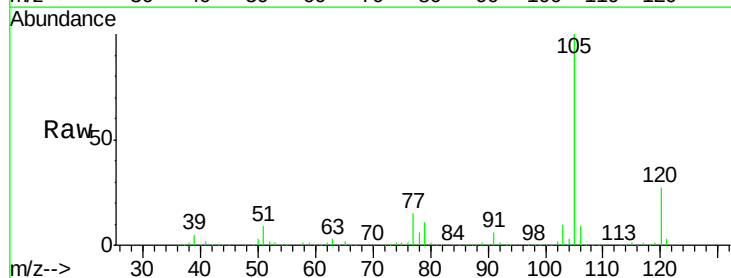
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW30312-20180428MSD

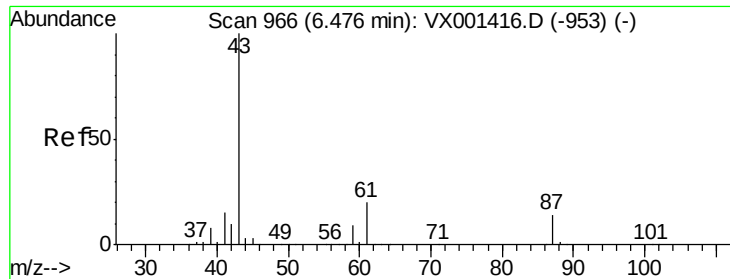
Tgt Ion:152 Resp: 205002
 Ion Ratio Lower Upper
 152 100
 115 76.6 37.7 113.1
 150 173.8 0.0 349.4



#73
 Isopropylbenzene
 Concen: 51.88 ug/l
 RT: 11.02 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: VX001458.D
 Acq: 06 May 2018 21:31

Tgt Ion:105 Resp: 736248
 Ion Ratio Lower Upper
 105 100
 120 27.3 13.6 40.8





#74

N-amyI acetate

Concen: 40.29 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Instrument :

MSVOA_X

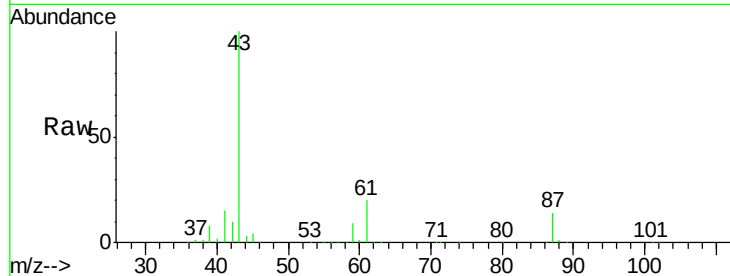
ClientSampleId :

BPS1-TT-MW303I2-20180428MSD

Tgt Ion: 43 Resp: 259741

Ion Ratio Lower Upper

43	100		
70	0.0	0.0	0.0
55	0.1	0.1	0.1#
61	19.7	15.4	23.0

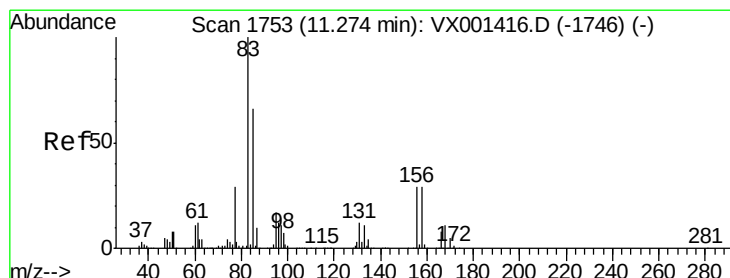
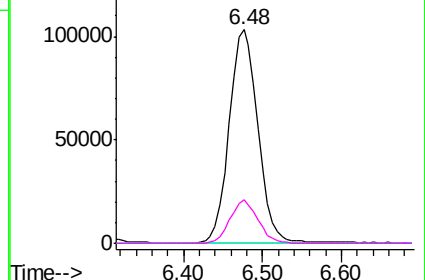
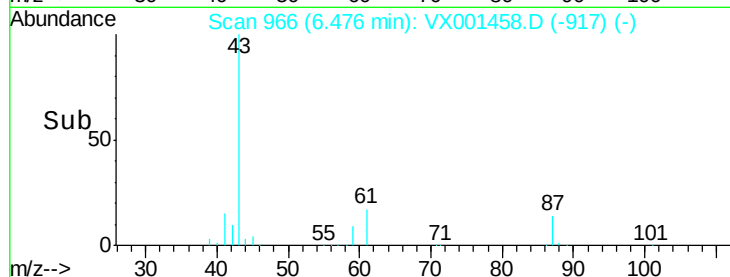


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 53.80 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

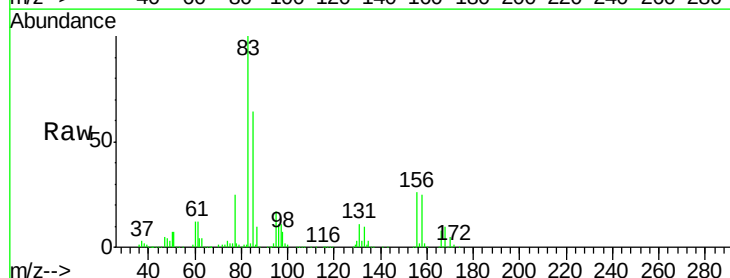
Lab File: VX001458.D

Acq: 06 May 2018 21:31

Tgt Ion: 83 Resp: 225499

Ion Ratio Lower Upper

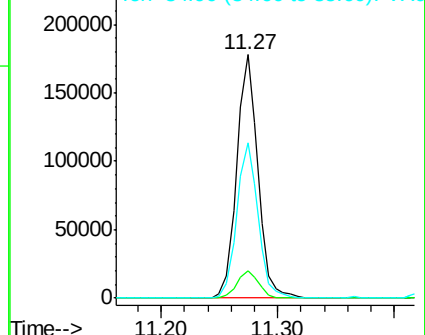
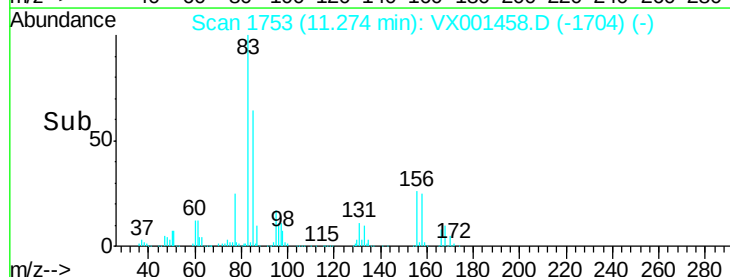
83	100		
131	11.5	5.8	17.4
85	64.4	32.7	98.1

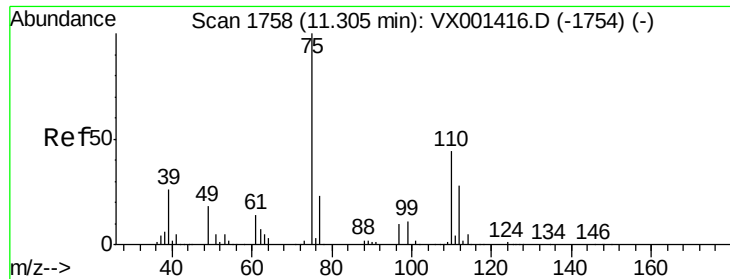


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

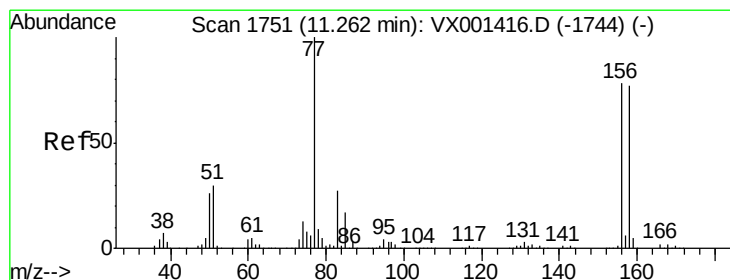
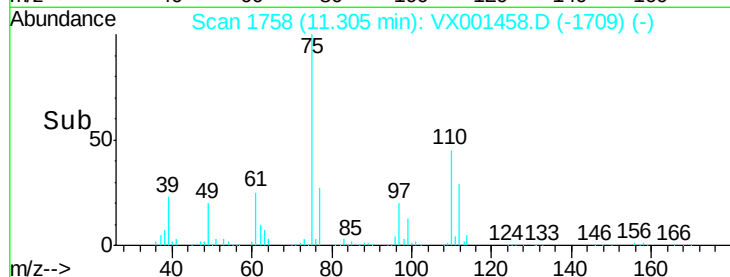
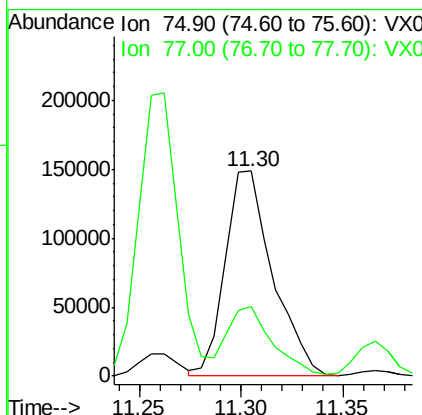
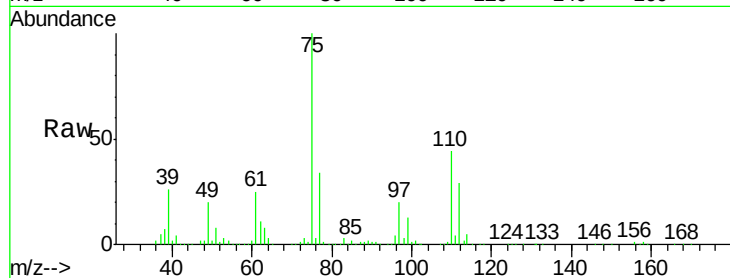




#76
 1,2,3-Trichloropropane
 Concen: 57.77 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VX001458.D
 Acq: 06 May 2018 21:31

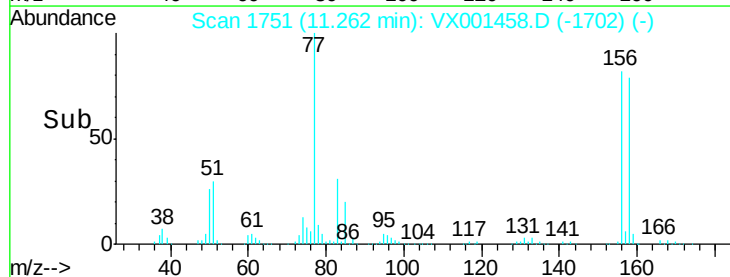
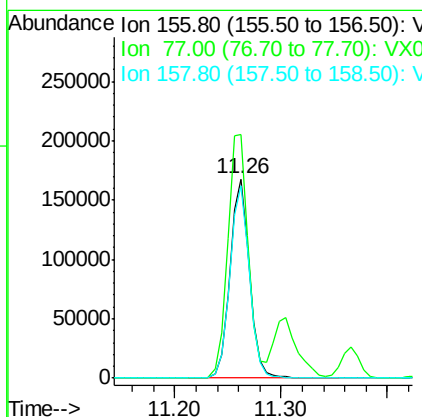
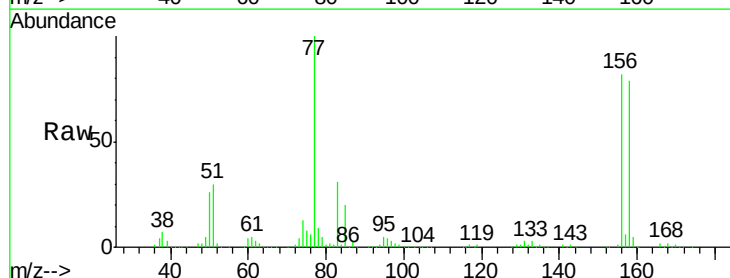
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303I2-20180428MSD

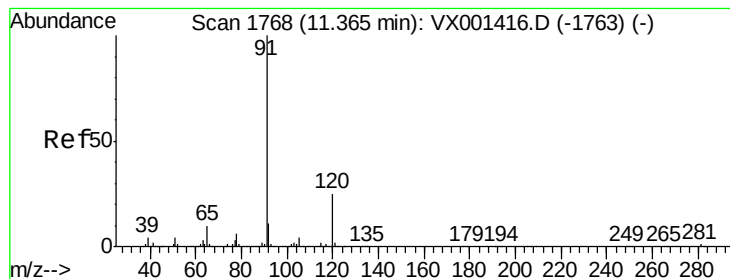
Tgt Ion: 75 Resp: 240200
 Ion Ratio Lower Upper
 75 100
 77 31.6 19.6 58.7



#77
 Bromobenzene
 Concen: 52.04 ug/l
 RT: 11.26 min Scan# 1751
 Delta R.T. 0.00 min
 Lab File: VX001458.D
 Acq: 06 May 2018 21:31

Tgt Ion: 156 Resp: 214733
 Ion Ratio Lower Upper
 156 100
 77 130.6 66.0 198.2
 158 96.9 49.4 148.2





#78

n-propylbenzene

Concen: 52.08 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

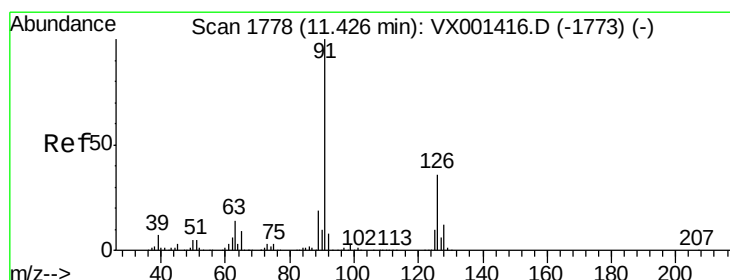
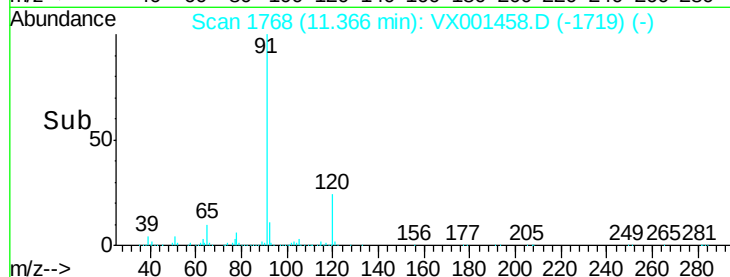
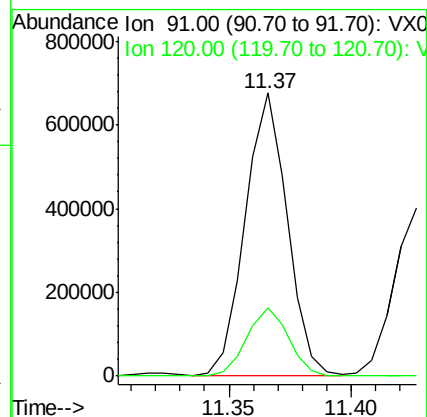
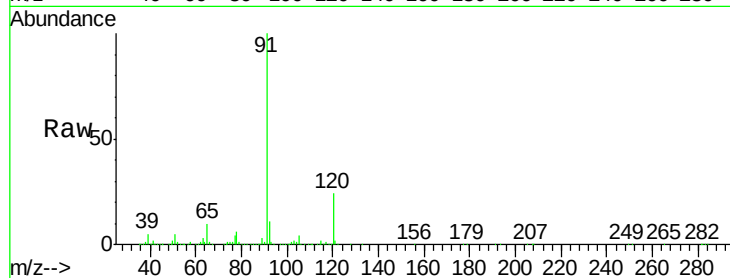
BPS1-TT-MW303I2-20180428MSD

Tgt Ion: 91 Resp: 804896

Ion Ratio Lower Upper

91 100

120 24.5 12.5 37.5



#79

2-Chlorotoluene

Concen: 51.88 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001458.D

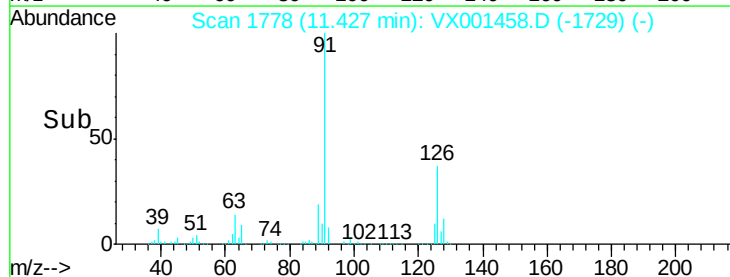
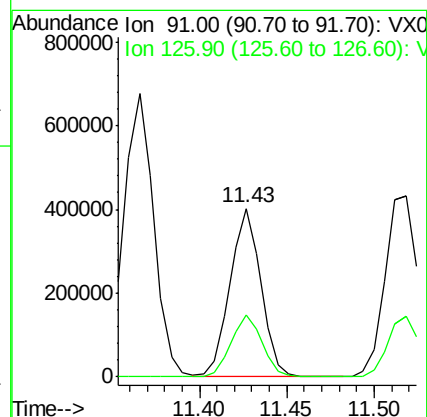
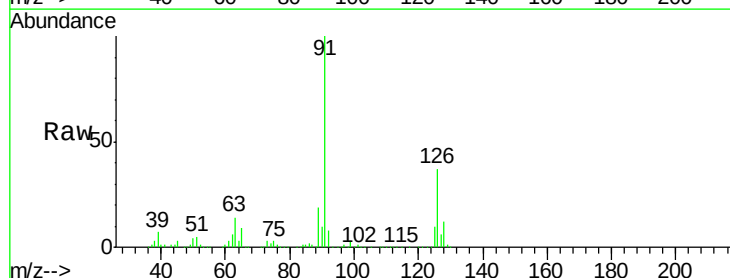
Acq: 06 May 2018 21:31

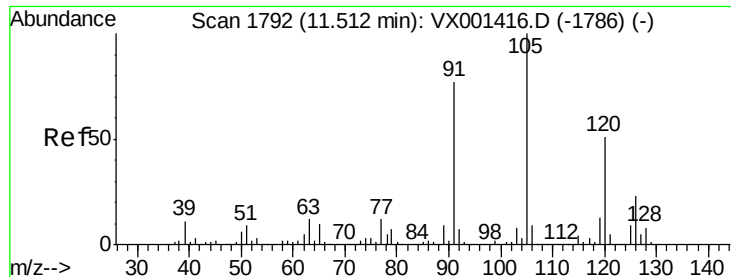
Tgt Ion: 91 Resp: 493338

Ion Ratio Lower Upper

91 100

126 37.0 18.1 54.4

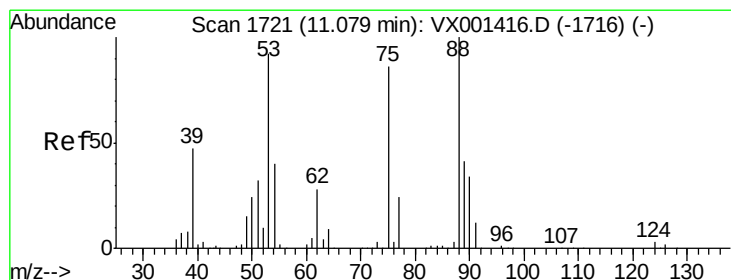
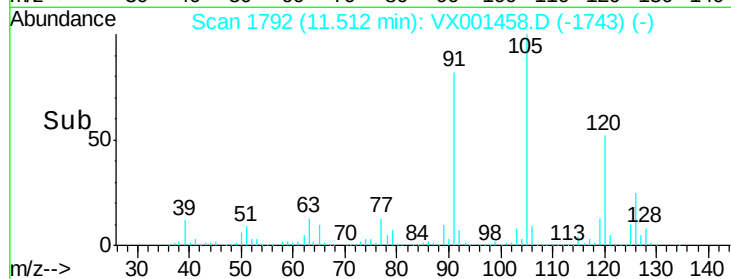
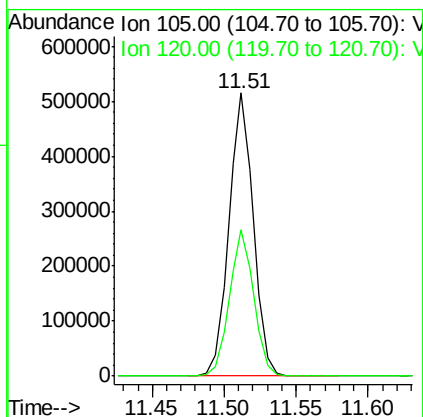
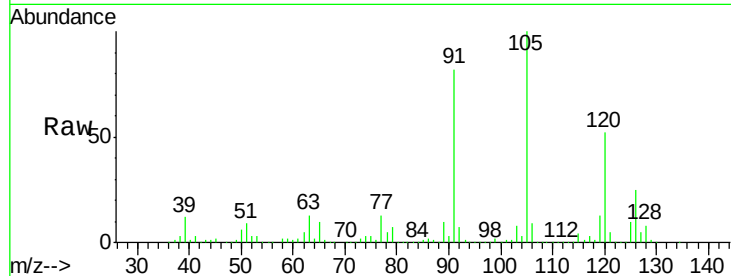




#80
 1,3,5-Trimethylbenzene
 Concen: 51.90 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001458.D
 Acq: 06 May 2018 21:31

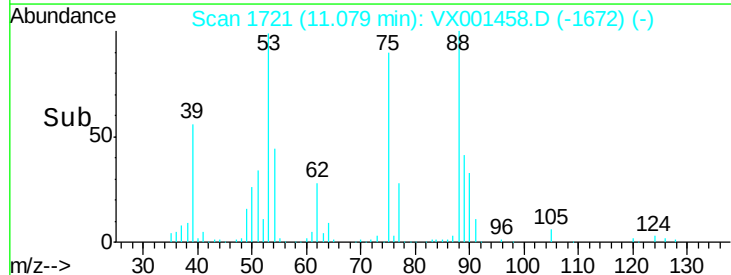
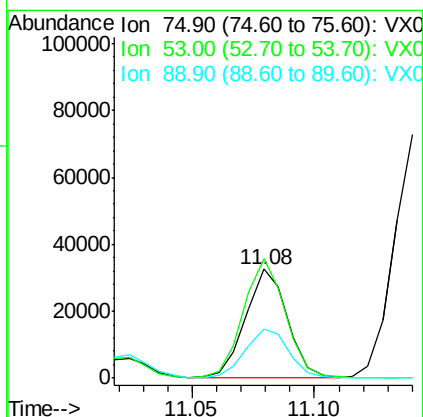
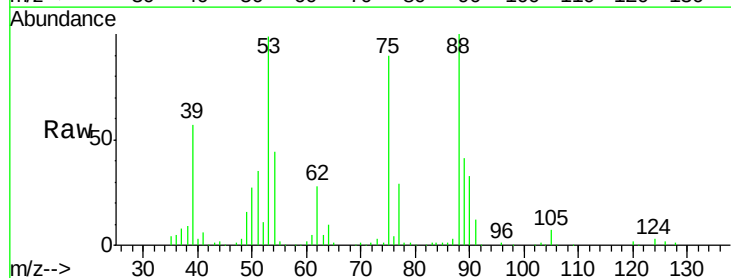
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303I2-20180428MSD

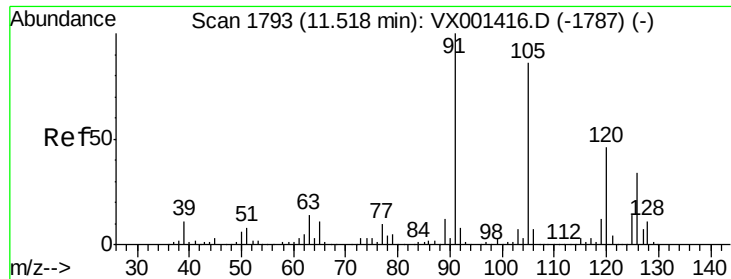
Tgt Ion: 105 Resp: 613283
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.7 77.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 31.26 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX001458.D
 Acq: 06 May 2018 21:31

Tgt Ion: 75 Resp: 38474
 Ion Ratio Lower Upper
 75 100
 53 111.7 84.5 126.7
 89 47.5 39.5 59.3

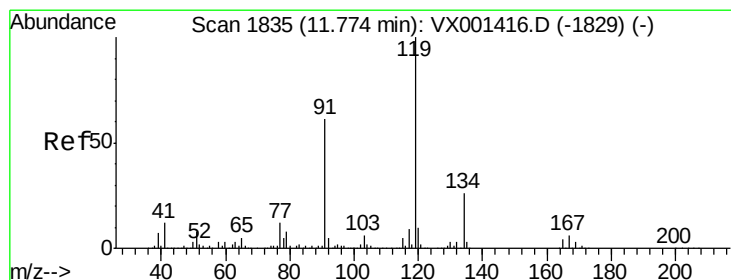
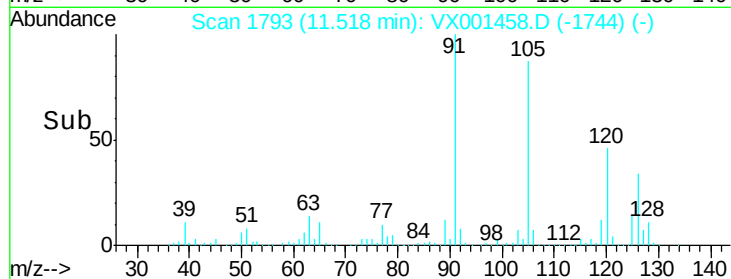
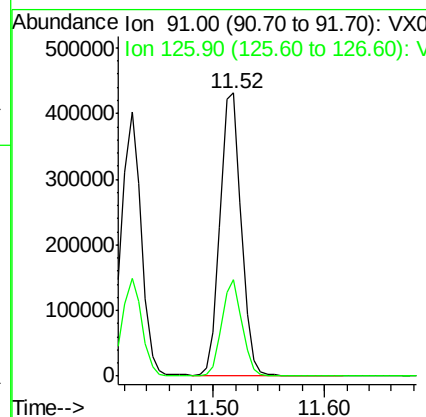
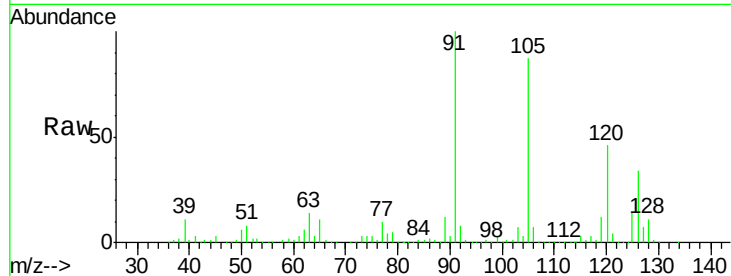




#82
4-Chlorotoluene
Concen: 51.90 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001458.D
Acq: 06 May 2018 21:31

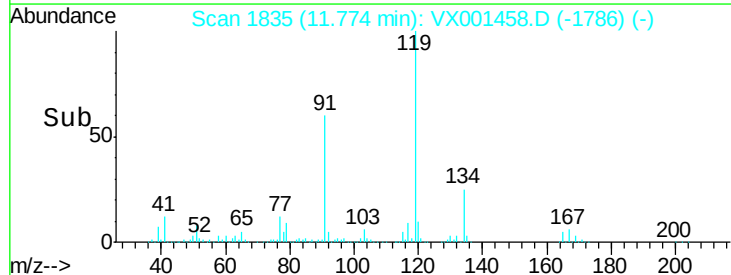
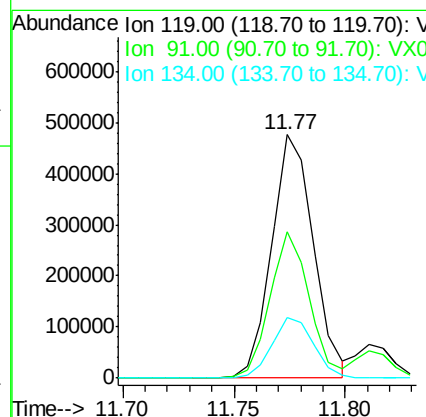
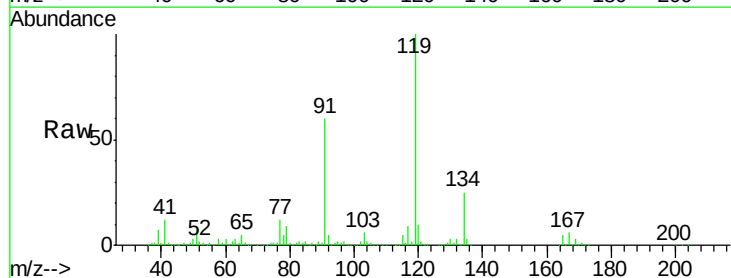
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303I2-20180428MSD

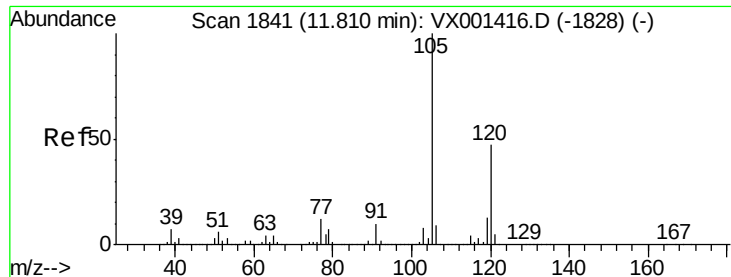
Tgt Ion: 91 Resp: 569360
Ion Ratio Lower Upper
91 100
126 32.4 16.2 48.5



#83
tert-Butylbenzene
Concen: 52.56 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX001458.D
Acq: 06 May 2018 21:31

Tgt Ion: 119 Resp: 617906
Ion Ratio Lower Upper
119 100
91 56.7 27.8 83.3
134 25.2 12.4 37.0

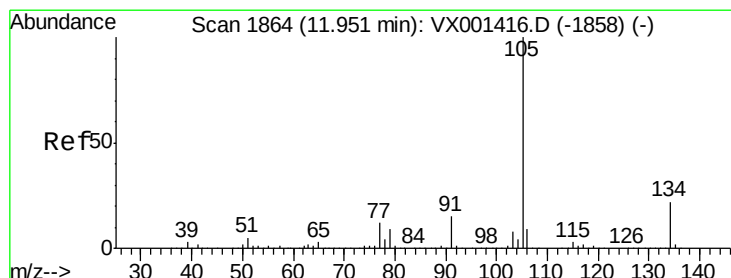
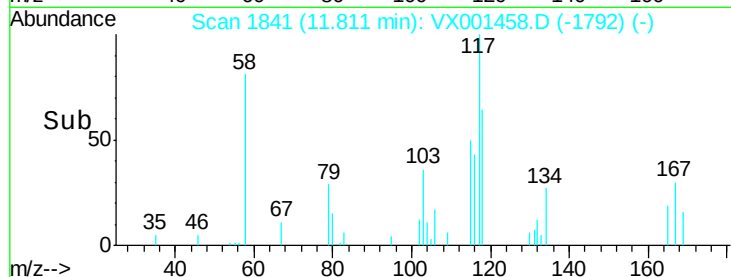
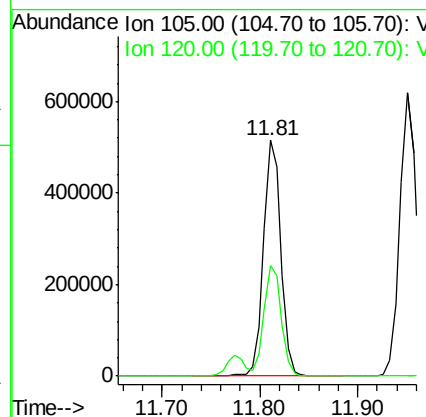
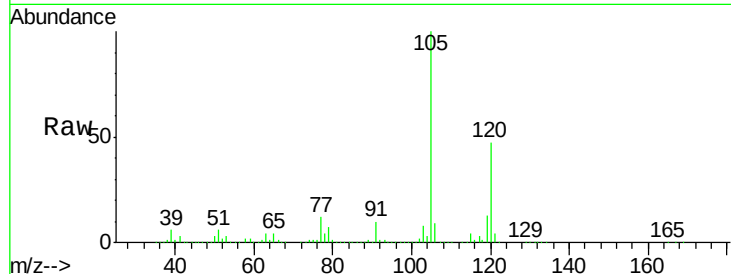




#84
 1,2,4-Trimethylbenzene
 Concen: 52.21 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001458.D
 Acq: 06 May 2018 21:31

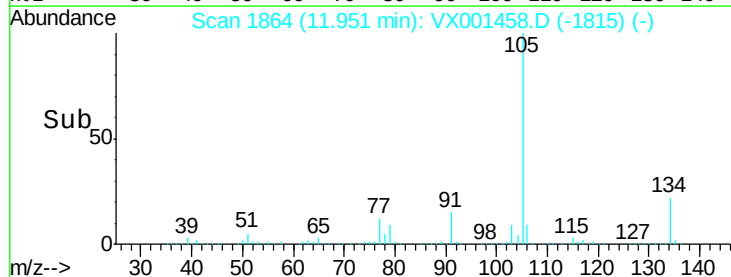
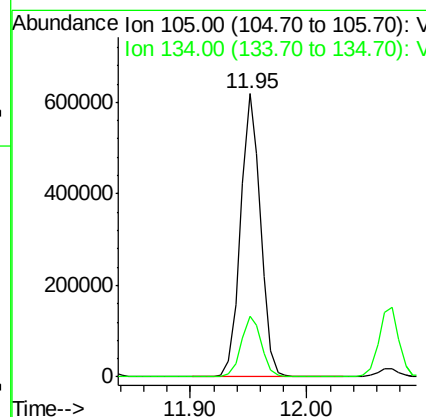
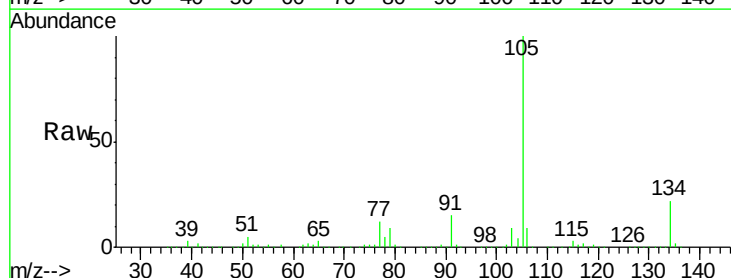
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303I2-20180428MSD

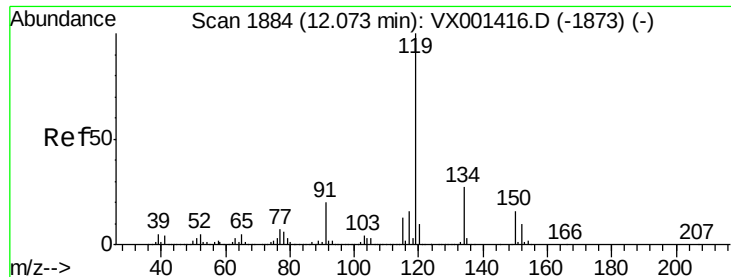
Tgt Ion:105 Resp: 634057
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.4 70.2



#85
 sec-Butylbenzene
 Concen: 52.29 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001458.D
 Acq: 06 May 2018 21:31

Tgt Ion:105 Resp: 737941
 Ion Ratio Lower Upper
 105 100
 134 21.9 10.9 32.9





#86

p-Isopropyltoluene

Concen: 51.81 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I2-20180428MSD

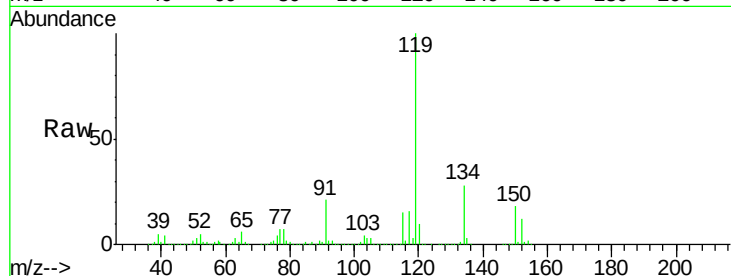
Tgt Ion:119 Resp: 670760

Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.8

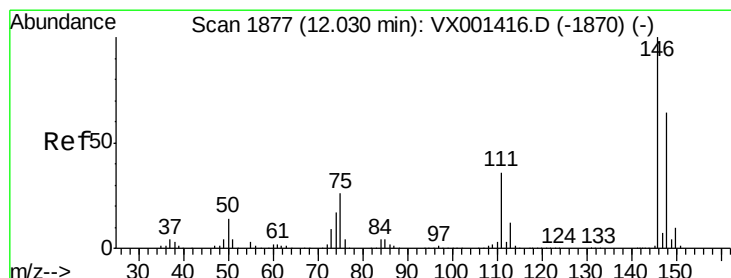
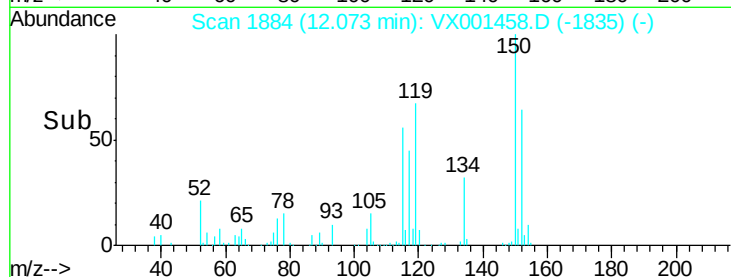
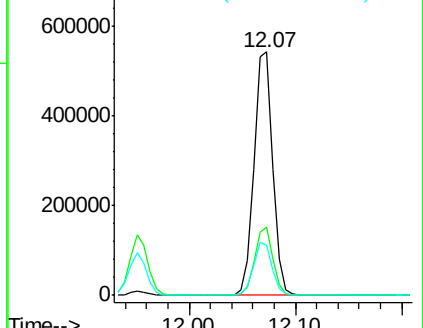
91 21.5 10.8 32.3



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: 51.47 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

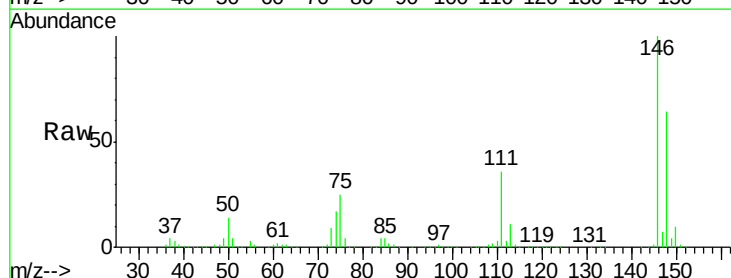
Tgt Ion:146 Resp: 379617

Ion Ratio Lower Upper

146 100

111 35.7 18.1 54.1

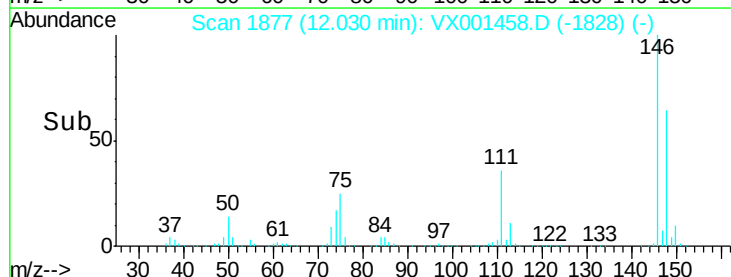
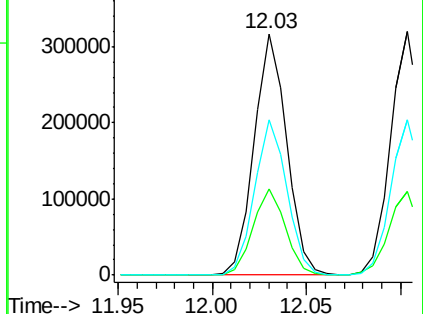
148 63.9 32.1 96.5

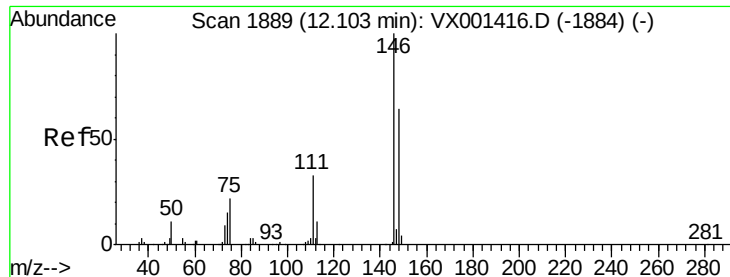


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 51.32 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I2-20180428MSD

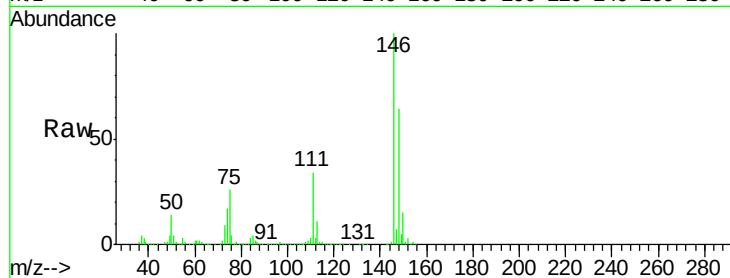
Tgt Ion:146 Resp: 386044

Ion Ratio Lower Upper

146 100

111 34.4 17.4 52.3

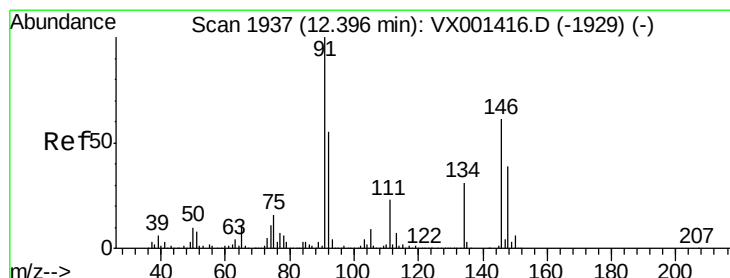
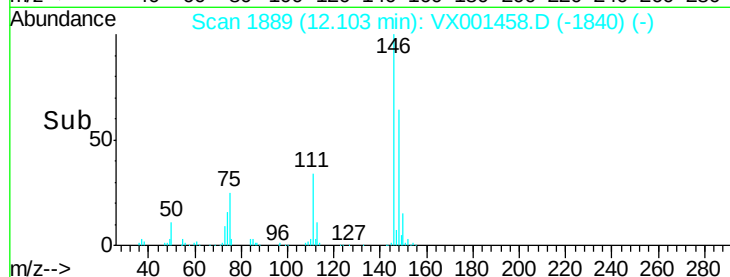
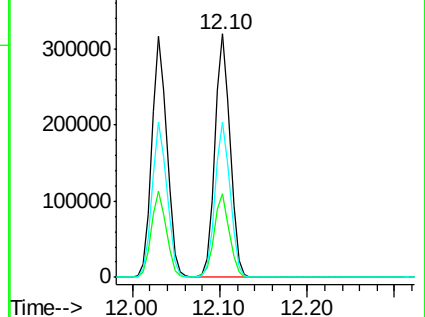
148 63.4 32.2 96.6



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



#89

n-Butylbenzene

Concen: 48.40 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

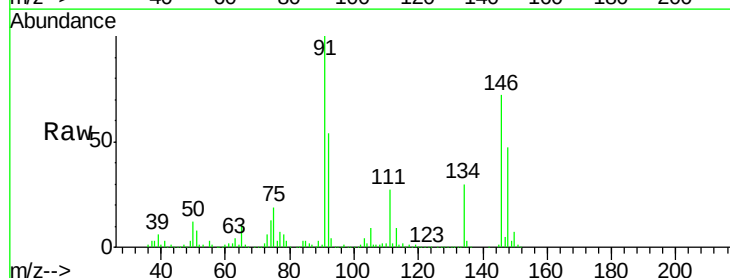
Tgt Ion: 91 Resp: 519172

Ion Ratio Lower Upper

91 100

92 54.6 27.2 81.5

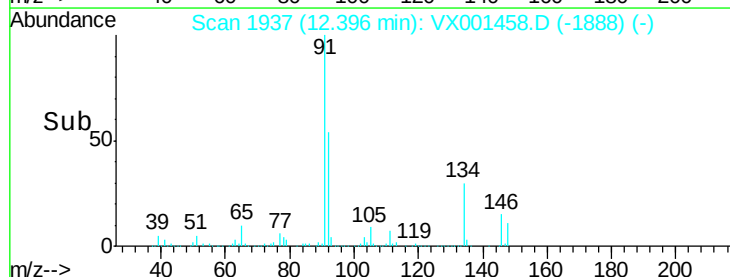
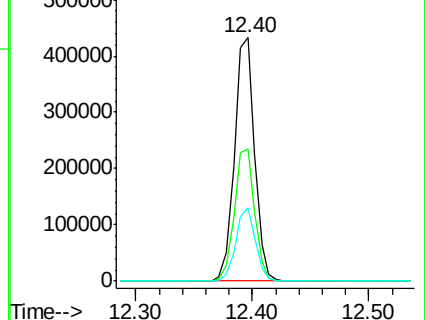
134 29.4 14.6 44.0

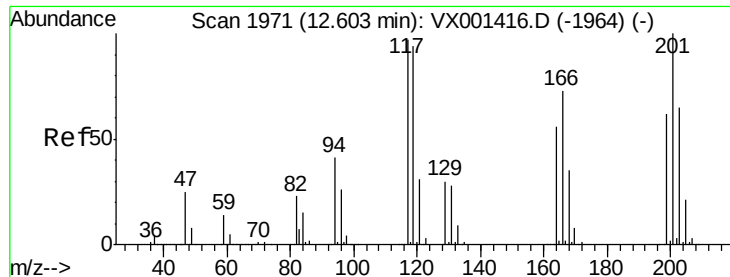


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 54.45 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

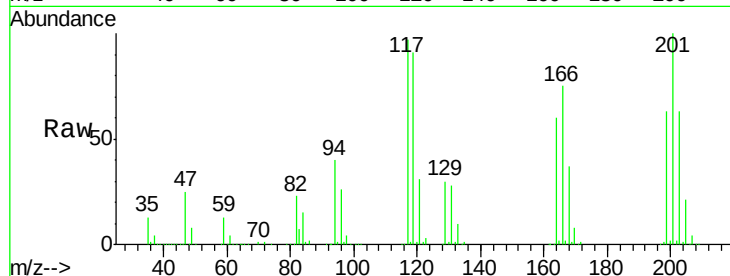
BPS1-TT-MW303I2-20180428MSD

Tgt Ion:117 Resp: 106137

Ion Ratio Lower Upper

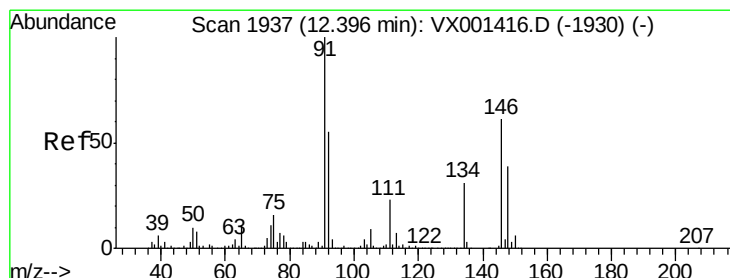
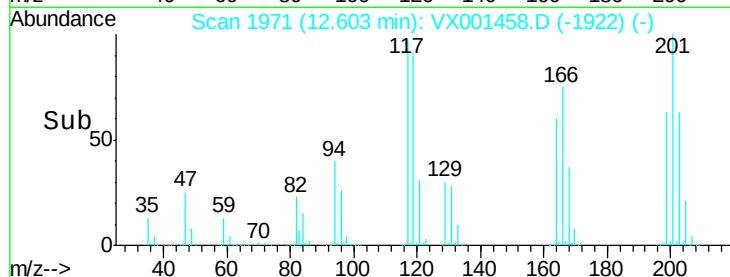
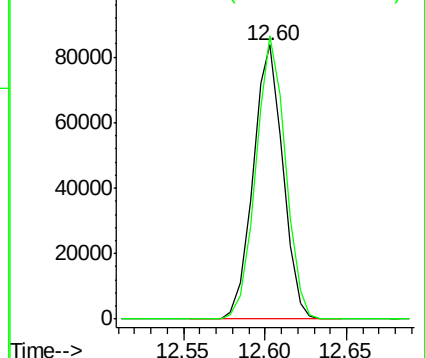
117 100

201 102.3 51.5 154.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 52.23 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

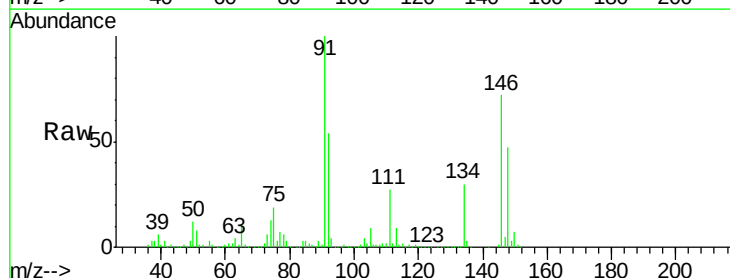
Tgt Ion:146 Resp: 391888

Ion Ratio Lower Upper

146 100

111 37.4 18.6 55.8

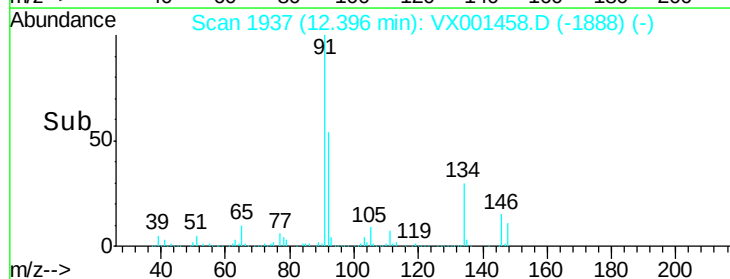
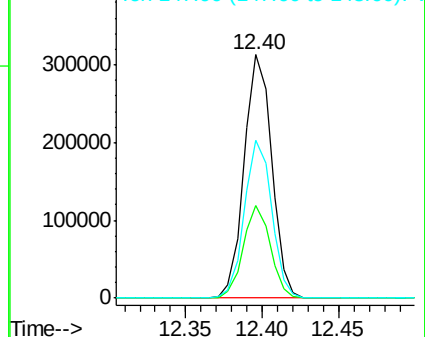
148 64.3 32.1 96.5

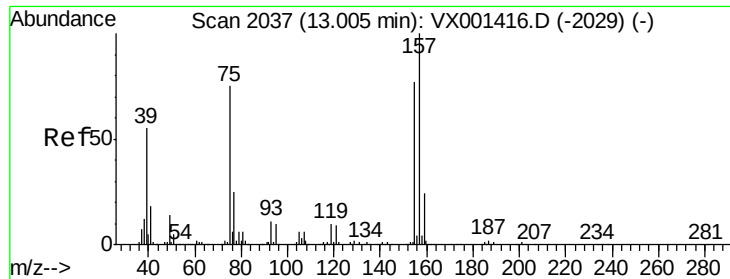


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

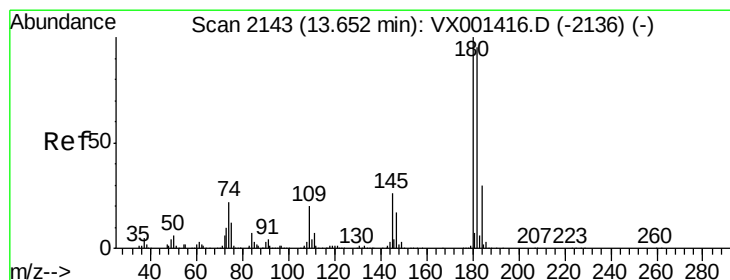
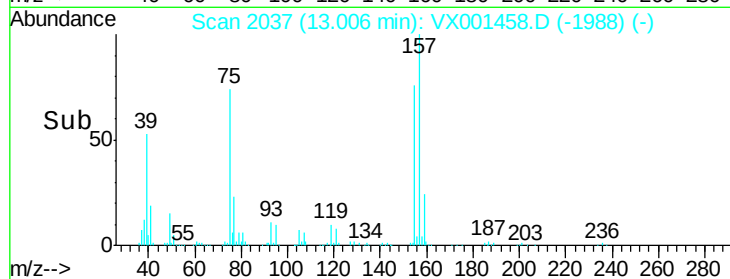
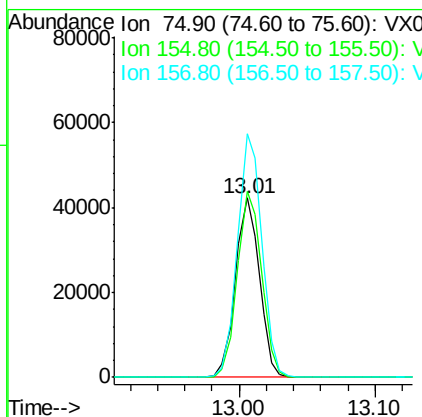
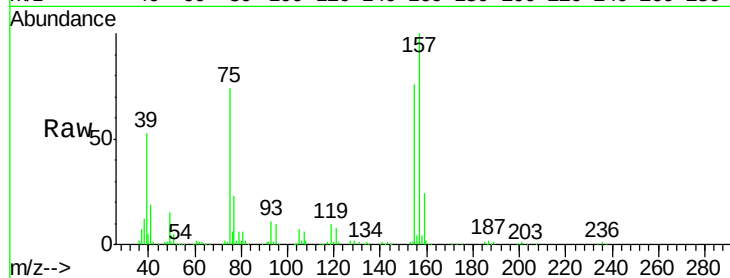




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.30 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001458.D
 Acq: 06 May 2018 21:31

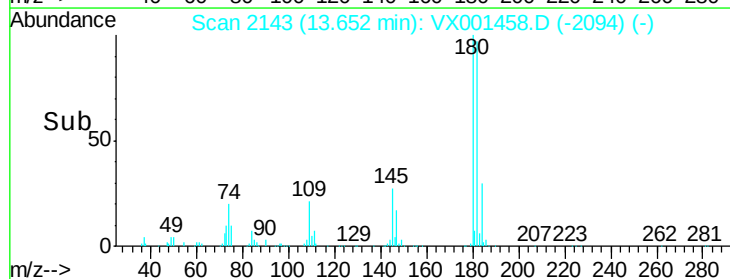
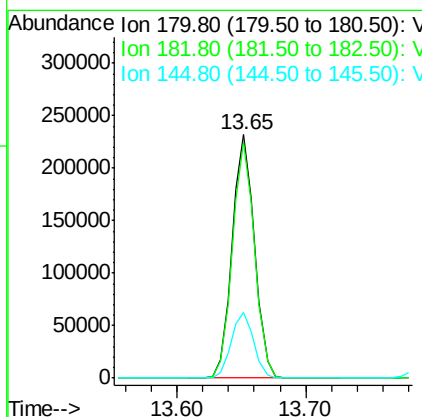
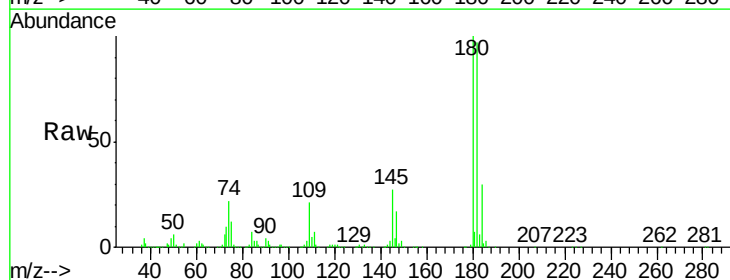
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303I2-20180428MSD

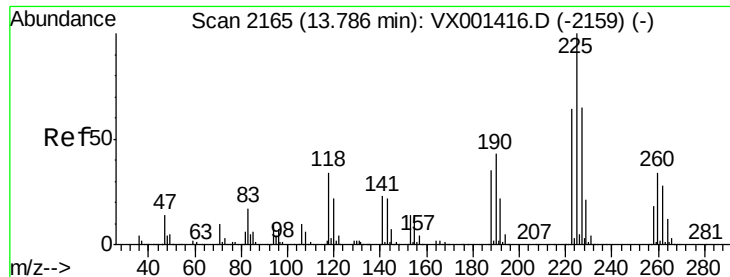
Tgt Ion: 75 Resp: 51847
 Ion Ratio Lower Upper
 75 100
 155 105.3 53.4 160.2
 157 137.8 68.3 204.8



#93
 1,2,4-Trichlorobenzene
 Concen: 51.09 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001458.D
 Acq: 06 May 2018 21:31

Tgt Ion: 180 Resp: 280528
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.8 143.4
 145 27.0 13.3 39.9





#94

Hexachlorobutadiene

Concen: 45.46 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I2-20180428MSD

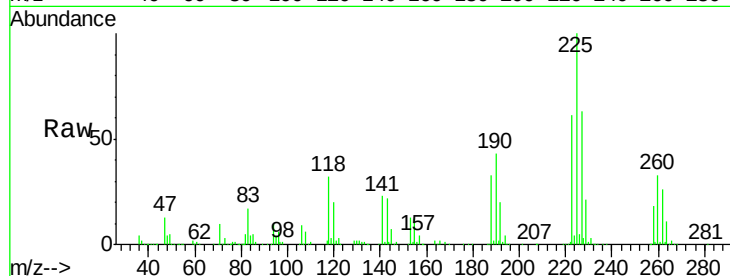
Tgt Ion:225 Resp: 136592

Ion Ratio Lower Upper

225 100

223 62.5 31.3 93.9

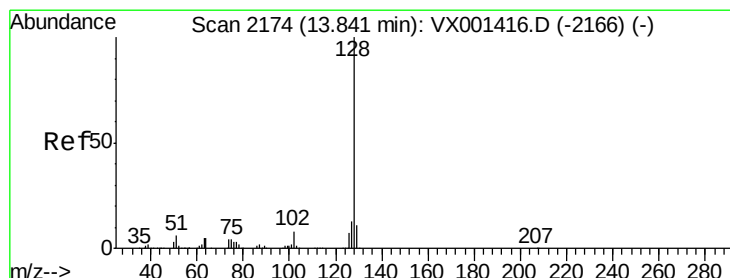
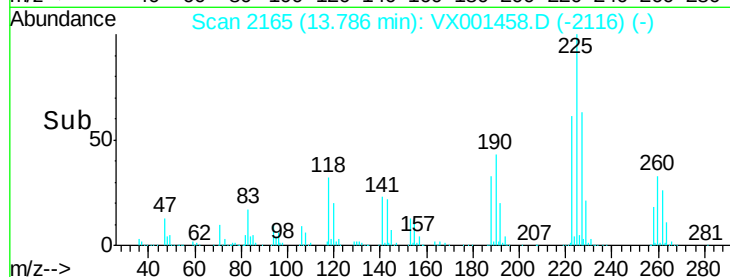
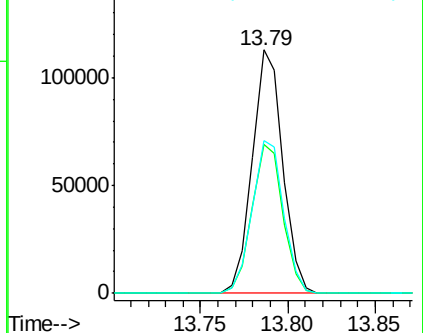
227 64.4 32.4 97.2



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: 56.25 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001458.D

Acq: 06 May 2018 21:31

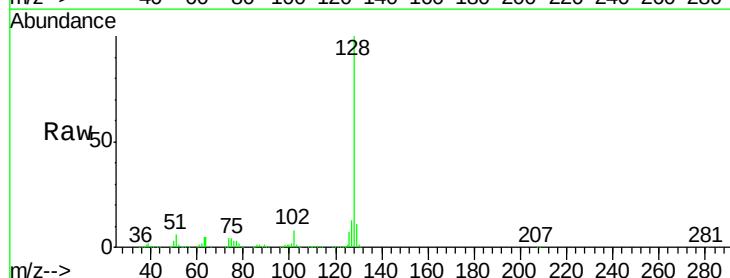
Tgt Ion:128 Resp: 854234

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

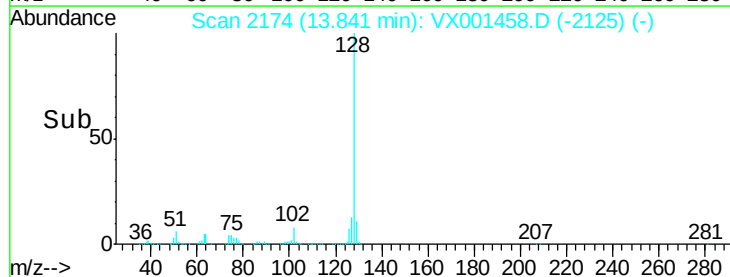
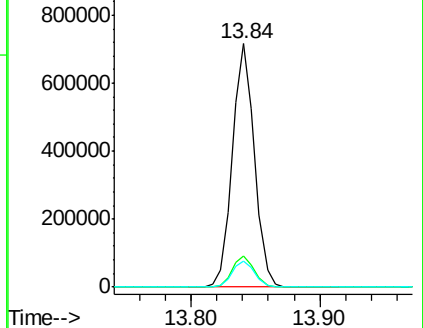
129 10.9 8.7 13.1

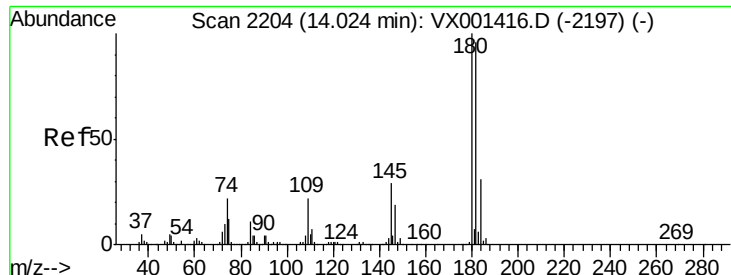


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

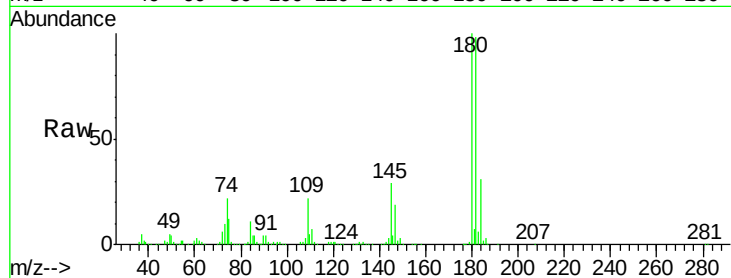




#96
 1,2,3-Trichlorobenzene
 Concen: 52.81 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX001458.D
 Acq: 06 May 2018 21:31

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303I2-20180428MSD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.0	144.2
145	28.4	14.1	42.4



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

