

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020119\
 Data File : VX007347.D
 Acq On : 01 Feb 2019 19:59
 Operator : JC/SP
 Sample : K1296-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW202S-20190129MSD

Quant Time: Feb 02 03:21:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	464267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	688329	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	648593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	336627	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	243536	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
35) Dibromofluoromethane	5.50	113	219948	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	8.71	98	826688	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.13	95	295636	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	295858	51.852	ug/l	98
3) Chloromethane	1.33	50	264994	50.675	ug/l	99
4) Vinyl Chloride	1.41	62	274964	53.598	ug/l	99
5) Bromomethane	1.64	94	271716	53.601	ug/l	98
6) Chloroethane	1.71	64	169763	51.154	ug/l	98
7) Trichlorofluoromethane	1.93	101	412899	51.450	ug/l	99
8) Diethyl Ether	2.19	74	150206	49.728	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	232941	48.797	ug/l	98
10) Methyl Iodide	2.51	142	359335	51.170	ug/l	99
11) Tert butyl alcohol	3.08	59	267572	262.373	ug/l	100
12) 1,1-Dichloroethene	2.37	96	221705	50.015	ug/l	99
13) Acrolein	2.30	56	160702	336.043	ug/l	99
14) Allyl chloride	2.73	41	374375	51.833	ug/l	99
15) Acrylonitrile	3.15	53	653959	259.218	ug/l	99
16) Acetone	2.45	43	561258	248.641	ug/l	100
17) Carbon Disulfide	2.57	76	589515	50.821	ug/l	100
18) Methyl Acetate	2.78	43	294617	50.092	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	724626	50.458	ug/l	98
20) Methylene Chloride	2.85	84	244096	52.964	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	231732	49.074	ug/l	98
22) Diisopropyl ether	3.87	45	664457	50.013	ug/l	97
23) Vinyl Acetate	3.82	43	2599285	235.767	ug/l	100
24) 1,1-Dichloroethane	3.70	63	371650	48.711	ug/l	100
25) 2-Butanone	4.70	43	819098	254.979	ug/l	98
26) 2,2-Dichloropropane	4.58	77	255040	43.894	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	248541	48.189	ug/l	98
28) Bromochloromethane	5.02	49	177672	50.639	ug/l	97
29) Tetrahydrofuran	5.15	42	538501	266.533	ug/l	100
30) Chloroform	5.21	83	396958	49.860	ug/l	99
31) Cyclohexane	5.57	56	333918	48.729	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	342292	50.934	ug/l	99
36) 1,1-Dichloropropene	5.80	75	291280	47.163	ug/l	100
37) Ethyl Acetate	4.85	43	288808	46.260	ug/l	98
38) Carbon Tetrachloride	5.79	117	303188	50.602	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	359122	48.061	ug/l	97
40) Benzene	6.15	78	884380	48.612	ug/l	100
41) Methacrylonitrile	5.06	41	172777	51.637	ug/l	99
42) 1,2-Dichloroethane	6.20	62	301015	47.822	ug/l	99
43) Isopropyl Acetate	6.46	43	472045	48.986	ug/l	99
44) Trichloroethene	7.21	130	259326	47.329	ug/l	99
45) 1,2-Dichloropropane	7.52	63	221533	48.601	ug/l	98
46) Dibromomethane	7.66	93	160019	48.302	ug/l	99
47) Bromodichloromethane	7.90	83	287410	51.189	ug/l	99
48) Methyl methacrylate	7.77	41	254069	52.711	ug/l	99
49) 1,4-Dioxane	7.75	88	116121	1058.923	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1648217	259.821	ug/l	100
52) Toluene	8.79	92	578410	49.278	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	312661	51.843	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	334527	50.440	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	241999	49.461	ug/l	98
56) Ethyl methacrylate	9.18	69	350778	51.764	ug/l	98
57) 1,3-Dichloropropane	9.37	76	382692	49.184	ug/l	99
59) 2-Hexanone	9.49	43	1242094	251.618	ug/l	99
60) Dibromochloromethane	9.58	129	254361	54.969	ug/l	98
61) 1,2-Dibromoethane	9.67	107	260890	50.351	ug/l	100
64) Tetrachloroethene	9.33	164	267063	43.687	ug/l	98
65) Chlorobenzene	10.14	112	666154	47.066	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	241408	50.873	ug/l	100
67) Ethyl Benzene	10.25	91	1103484	48.414	ug/l	97
68) m/p-Xylenes	10.36	106	871775	96.219	ug/l	99
69) o-Xylene	10.70	106	426211	48.887	ug/l	99
70) Styrene	10.71	104	690691	48.850	ug/l	100
71) Bromoform	10.86	173	193284	46.727	ug/l	99
73) Isopropylbenzene	11.02	105	1123976	49.134	ug/l	99
74) N-amyl acetate	10.90	43	409475	46.279	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	346138	49.650	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	399684	61.041	ug/l	77
77) Bromobenzene	11.26	156	310769	48.216	ug/l	99
78) n-propylbenzene	11.36	91	1265176	50.436	ug/l	100
79) 2-Chlorotoluene	11.42	91	739121	48.560	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	931619	49.779	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	97779	46.482	ug/l	96
82) 4-Chlorotoluene	11.51	91	858187	48.727	ug/l	99
83) tert-Butylbenzene	11.77	119	940126	50.738	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	946747	49.828	ug/l	100
85) sec-Butylbenzene	11.94	105	1120834	49.979	ug/l	100
86) p-Isopropyltoluene	12.07	119	1014090	50.094	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	541822	46.841	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	542075	46.191	ug/l	100
89) n-Butylbenzene	12.39	91	849059	48.756	ug/l	100
90) Hexachloroethane	12.60	117	163230	53.876	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	539532	46.869	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	73325	50.583	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	370003	47.661	ug/l	99

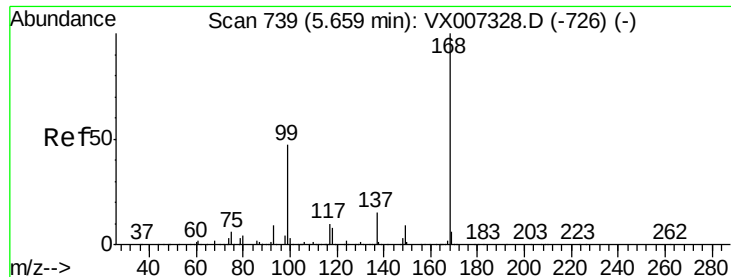
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	172219	45.686	ug/l	99
95) Naphthalene	13.83	128	1145434	50.455	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	367550	47.035	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

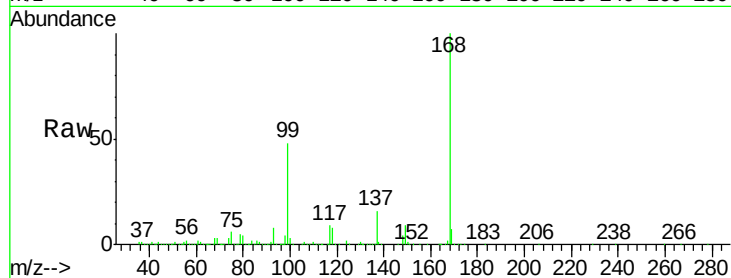
BP-TT-MW202S-20190129MSD

Tot Ion:168 Resp: 464267

Ion Ratio Lower Upper

168 100

99 48.3 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

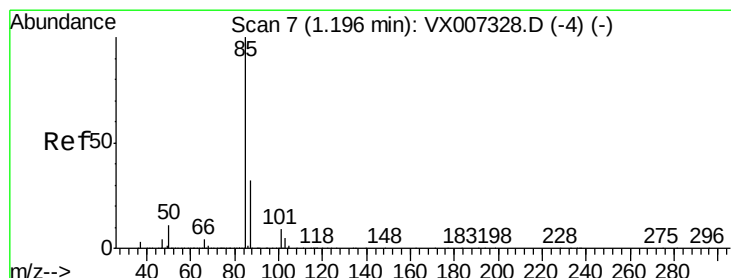
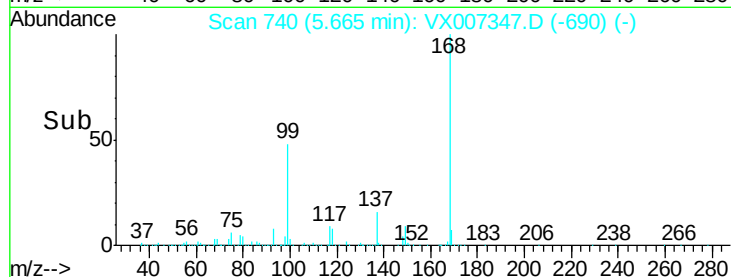
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.852 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007347.D

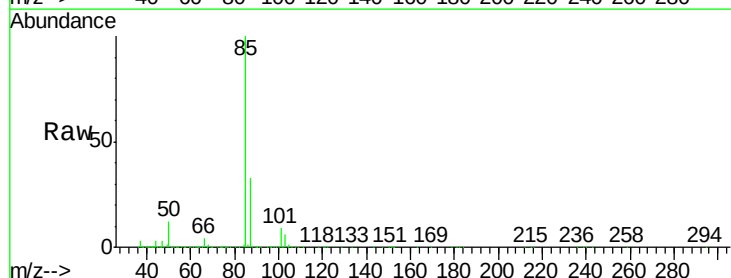
Acq: 01 Feb 2019 19:59

Tgt Ion: 85 Resp: 295858

Ion Ratio Lower Upper

85 100

87 32.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

300000

250000

200000

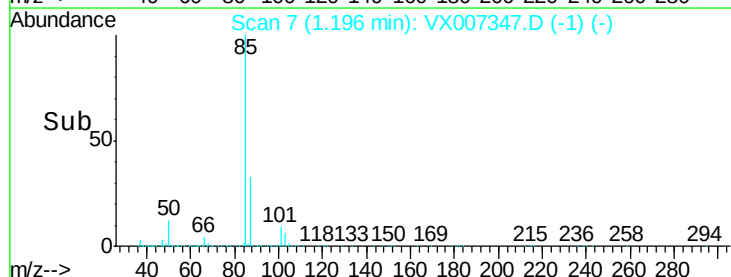
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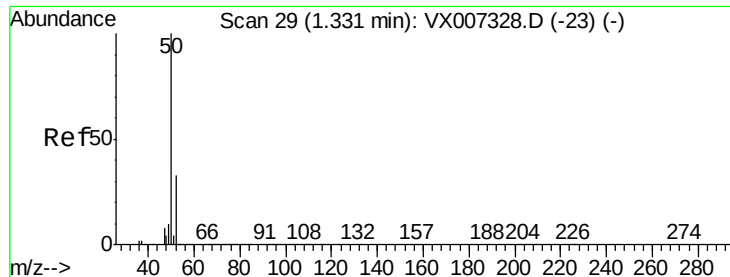
100000

50000

0

Time-->





#3

Chloromethane

Concen: 50.675 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

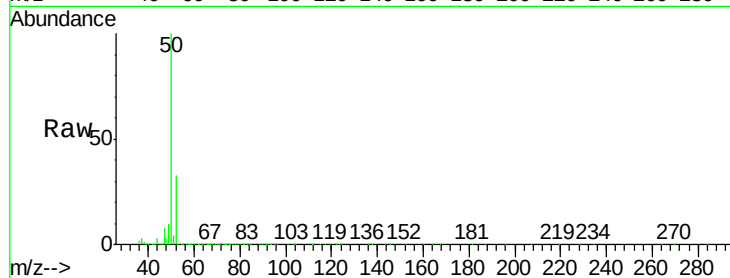
BP-TT-MW202S-20190129MSD

Tot Ion: 50 Resp: 264994

Ion Ratio Lower Upper

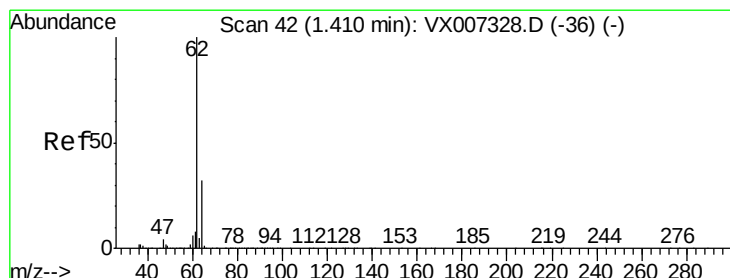
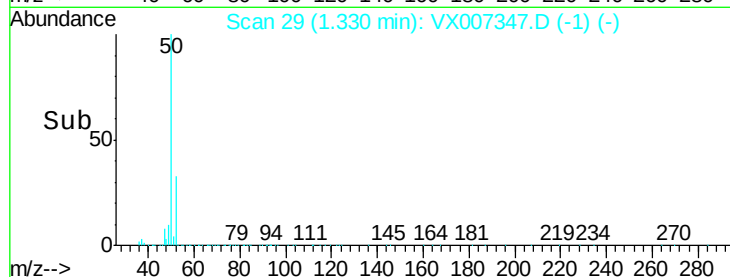
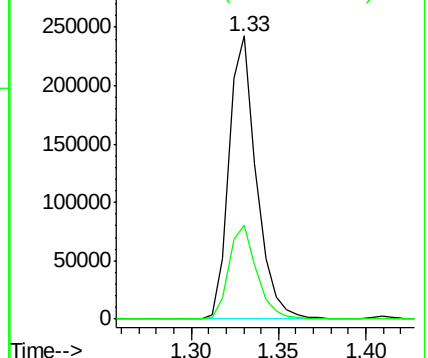
50 100

52 33.1 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 53.598 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007347.D

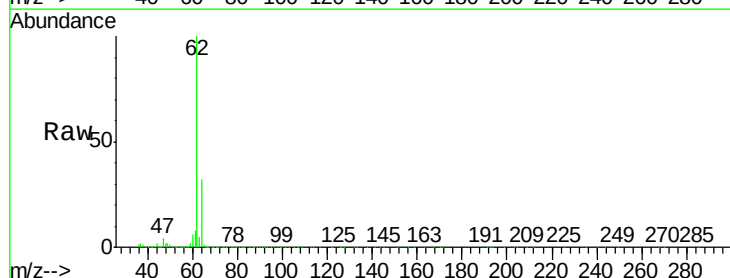
Acq: 01 Feb 2019 19:59

Tgt Ion: 62 Resp: 274964

Ion Ratio Lower Upper

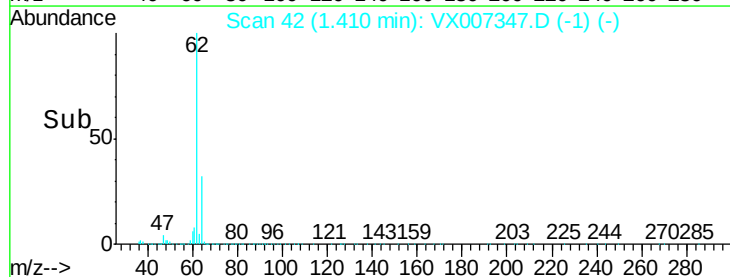
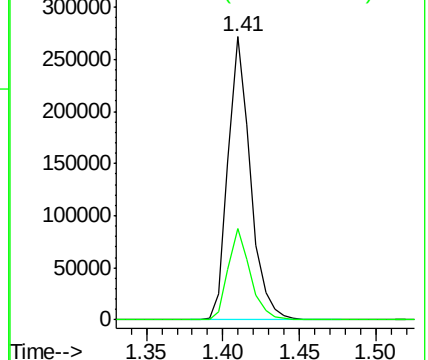
62 100

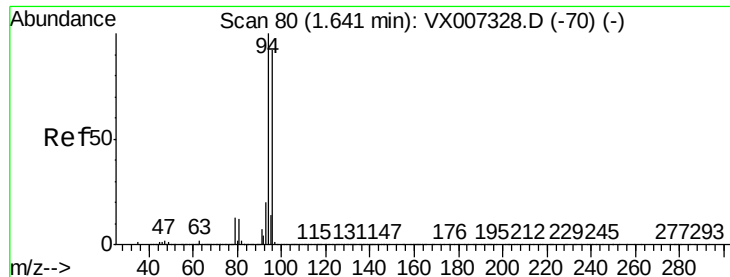
64 32.1 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 53.601 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

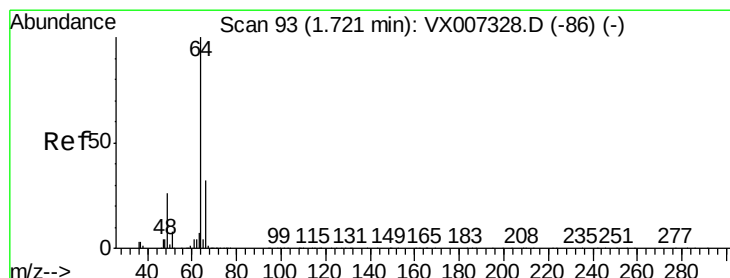
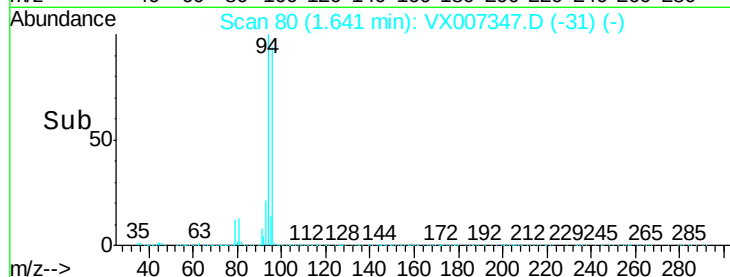
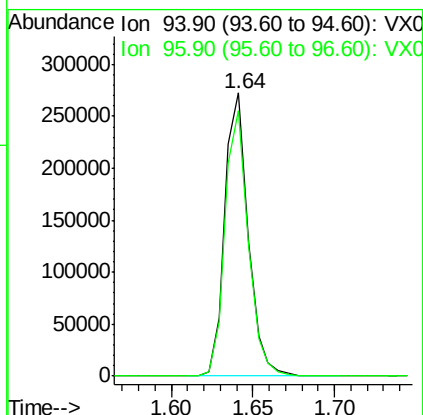
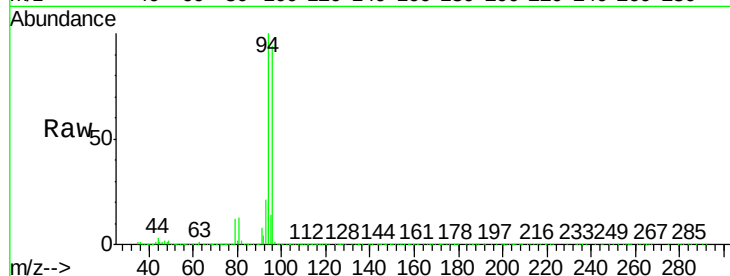
BP-TT-MW202S-20190129MSD

Tot Ion: 94 Resp: 271716

Ion Ratio Lower Upper

94 100

96 94.0 73.9 110.9



#6

Chloroethane

Concen: 51.154 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007347.D

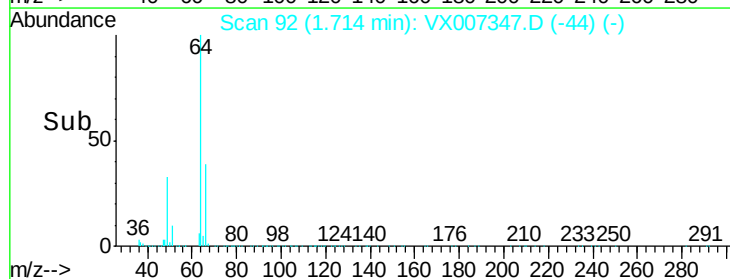
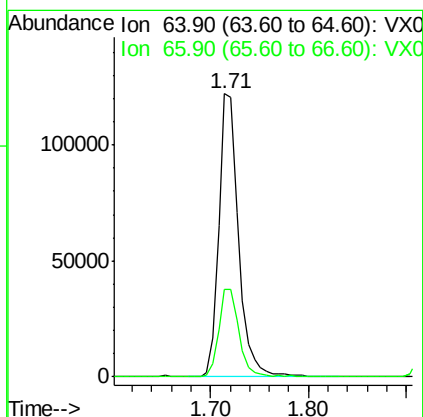
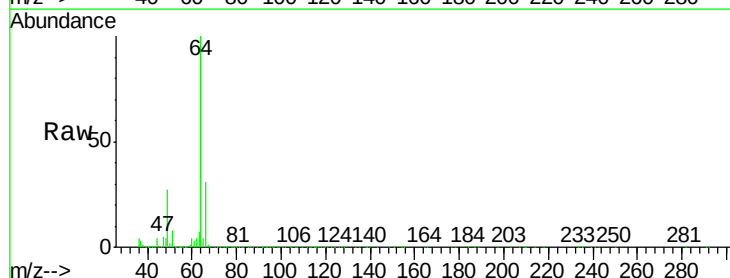
Acq: 01 Feb 2019 19:59

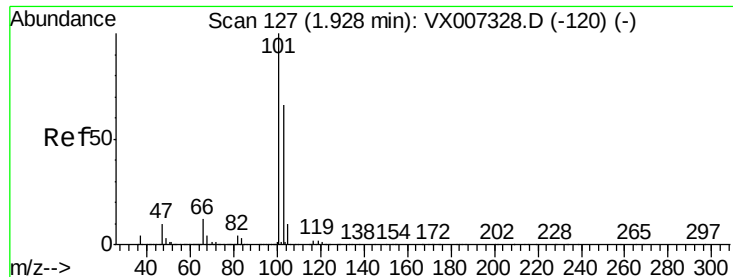
Tgt Ion: 64 Resp: 169763

Ion Ratio Lower Upper

64 100

66 30.8 25.5 38.3



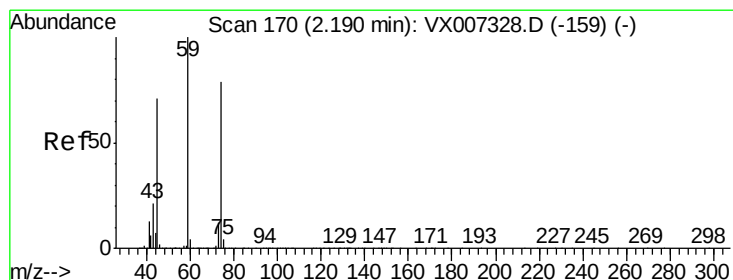
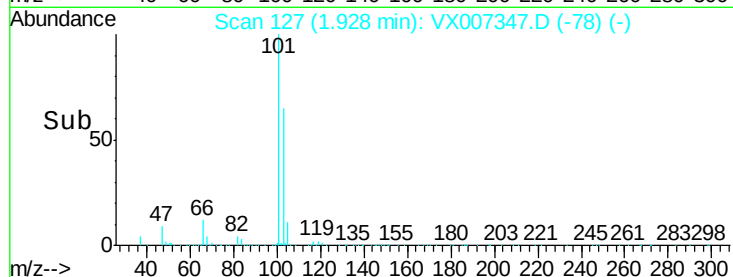
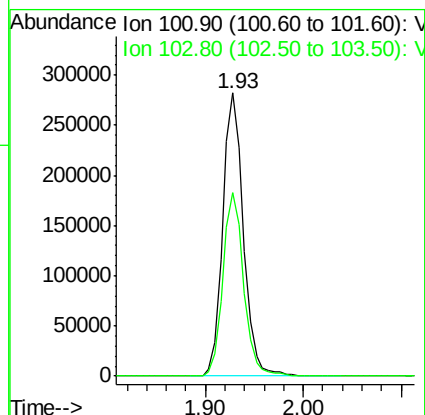
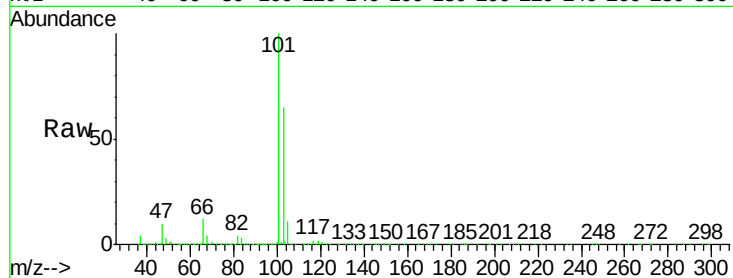


#7

Trichlorofluoromethane
Concen: 51.450 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MSD

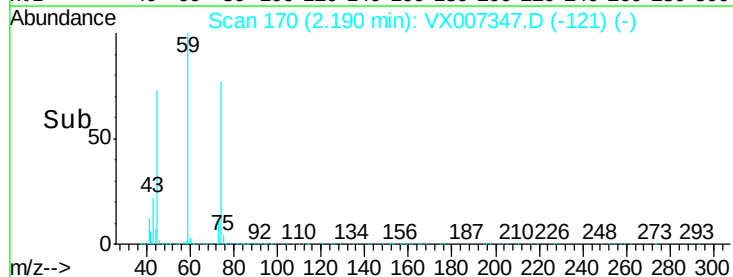
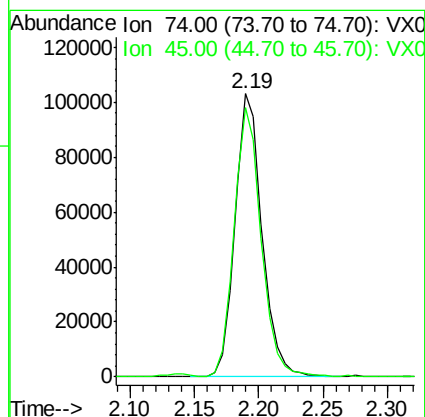
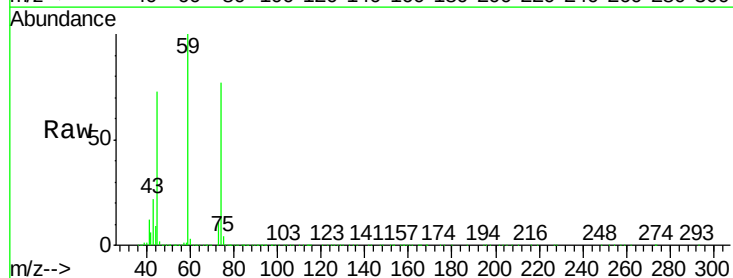
Tot Ion:101 Resp: 412899
Ion Ratio Lower Upper
101 100
103 65.0 52.6 79.0

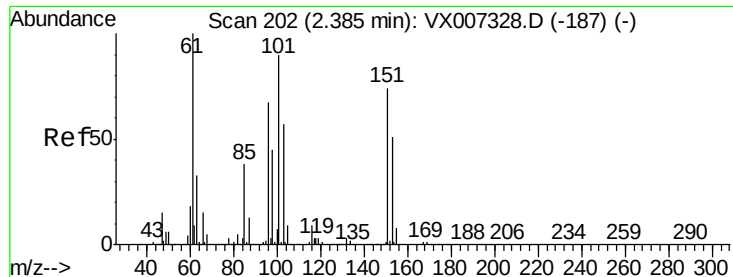


#8

Diethyl Ether
Concen: 49.728 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

Tgt Ion: 74 Resp: 150206
Ion Ratio Lower Upper
74 100
45 94.8 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.797 ug/l

RT: 2.38 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

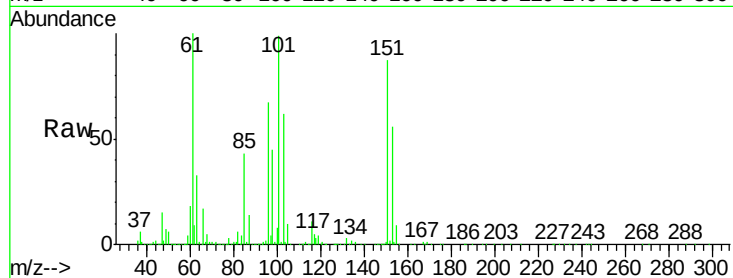
Tot Ion:101 Resp: 232941

Ion Ratio Lower Upper

101 100

85 43.7 34.1 51.1

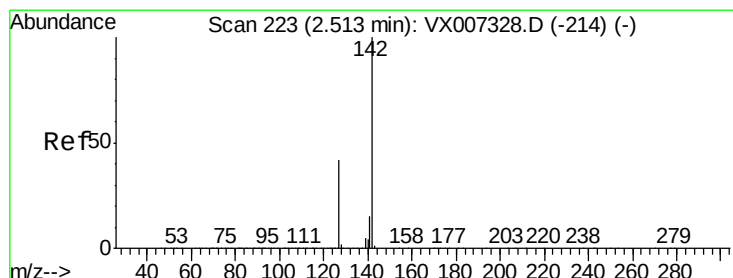
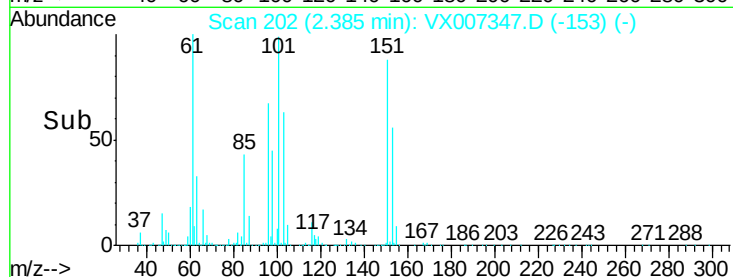
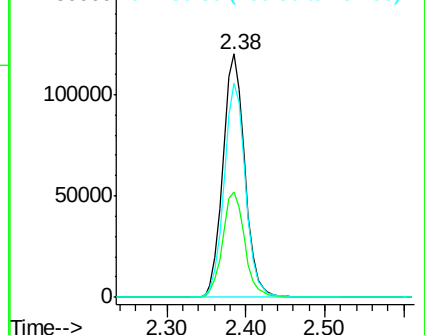
151 85.9 69.9 104.9



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: 51.170 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

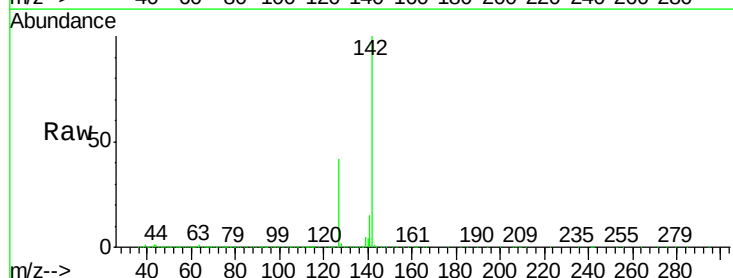
Tgt Ion:142 Resp: 359335

Ion Ratio Lower Upper

142 100

127 42.7 33.7 50.5

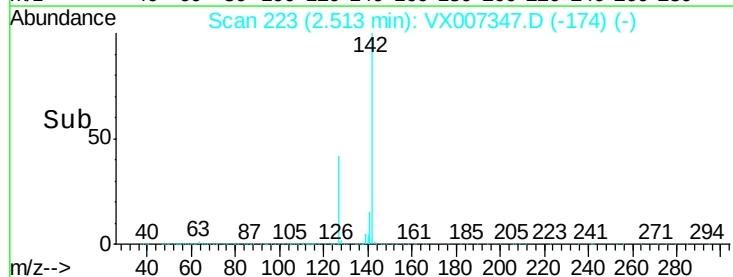
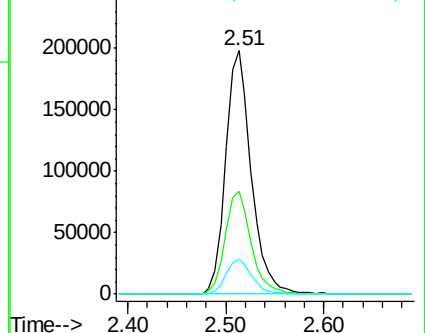
141 14.5 11.3 16.9

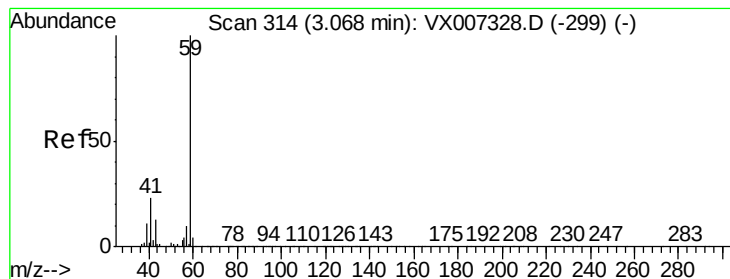


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



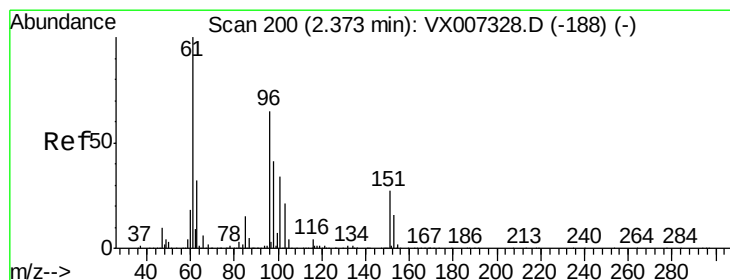
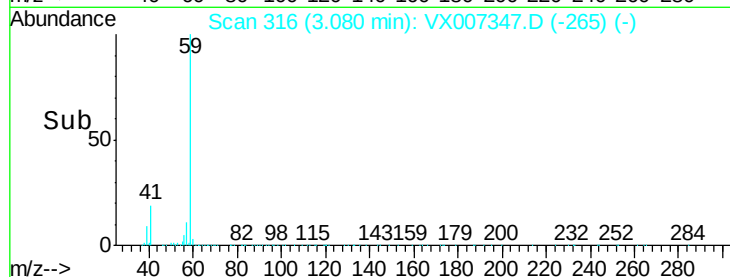
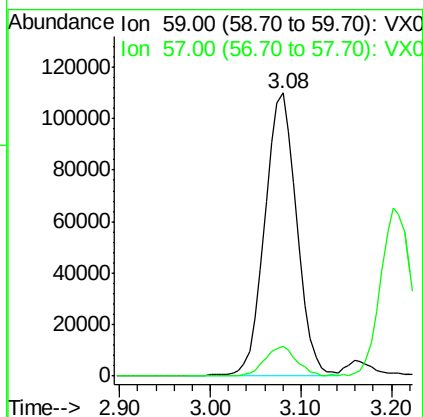
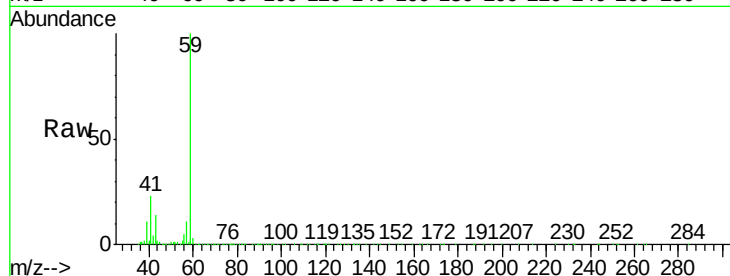


#11

Tert butyl alcohol
 Concen: 262.373 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW202S-20190129MSD

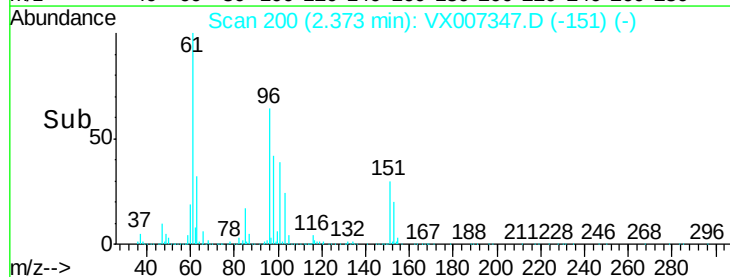
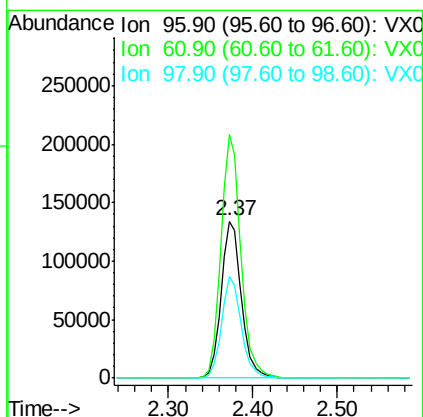
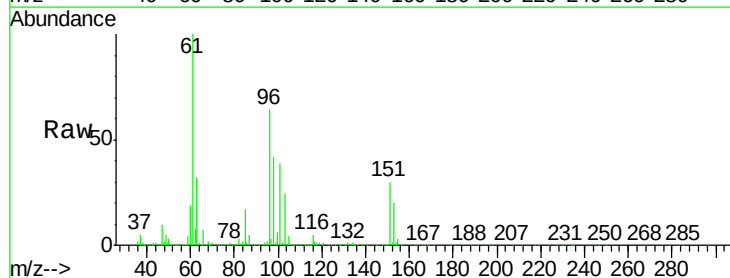
Tot Ion: 59 Resp: 267572
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.1 12.1

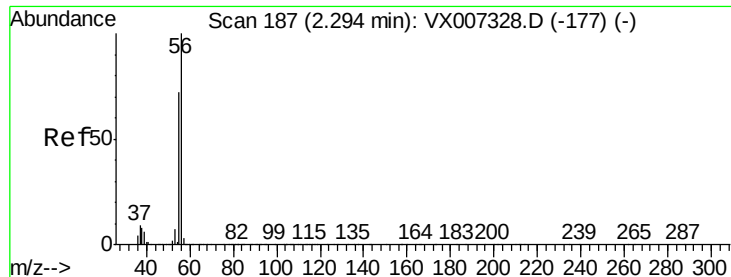


#12

1,1-Dichloroethene
 Concen: 50.015 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

Tgt Ion: 96 Resp: 221705
 Ion Ratio Lower Upper
 96 100
 61 155.2 123.0 184.4
 98 64.8 50.9 76.3





#13

Acrolein

Concen: 336.043 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

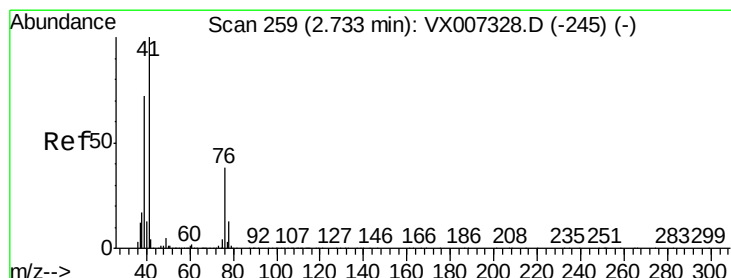
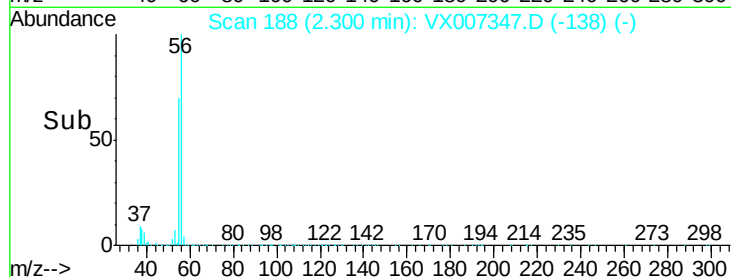
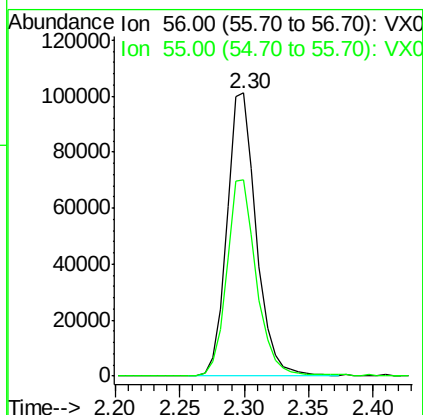
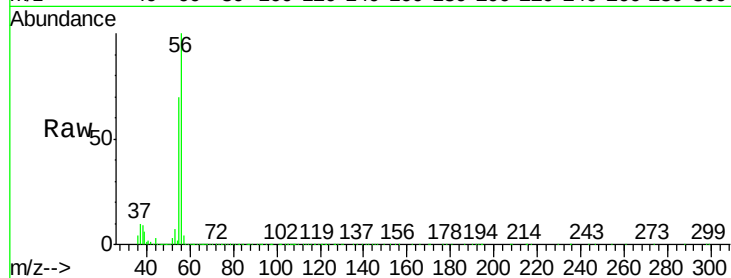
BP-TT-MW202S-20190129MSD

Tot Ion: 56 Resp: 160702

Ion Ratio Lower Upper

56 100

55 70.1 56.9 85.3



#14

Allyl chloride

Concen: 51.833 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

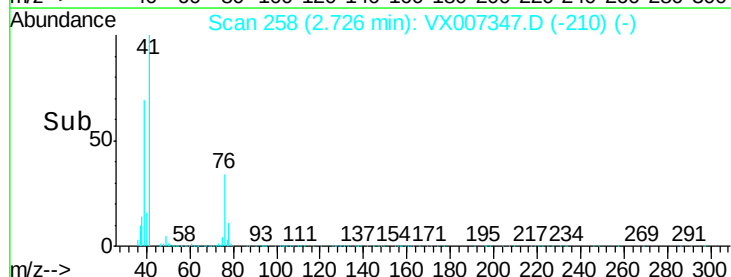
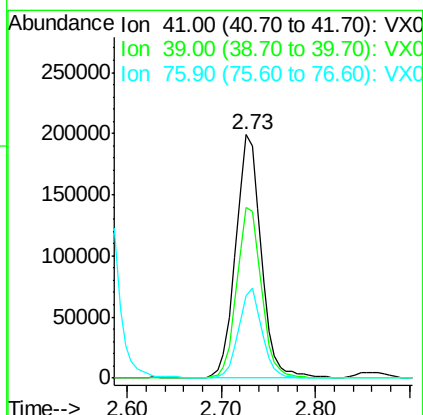
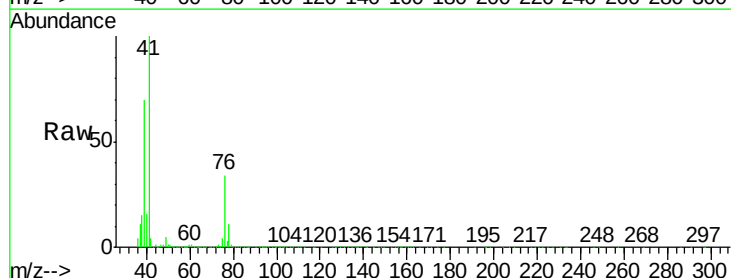
Tgt Ion: 41 Resp: 374375

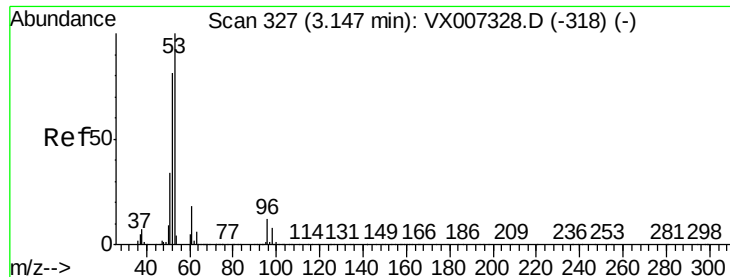
Ion Ratio Lower Upper

41 100

39 67.8 54.1 81.1

76 33.6 27.8 41.8





#15

Acrylonitrile

Concen: 259.218 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

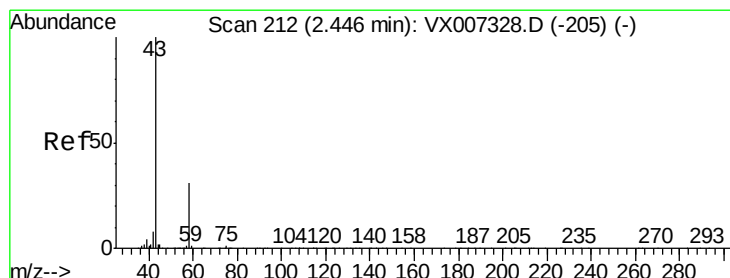
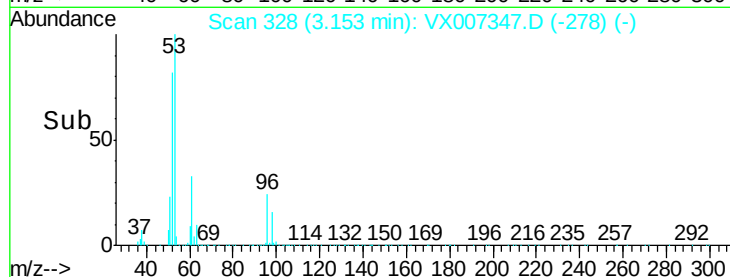
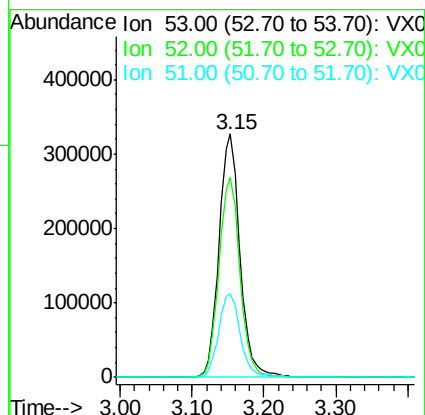
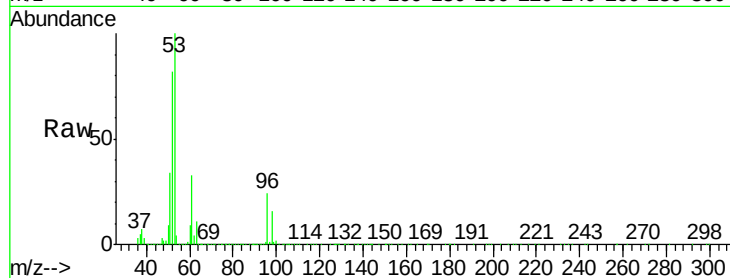
Tot Ion: 53 Resp: 653959

Ion Ratio Lower Upper

53 100

52 82.7 66.4 99.6

51 36.0 28.4 42.6



#16

Acetone

Concen: 248.641 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007347.D

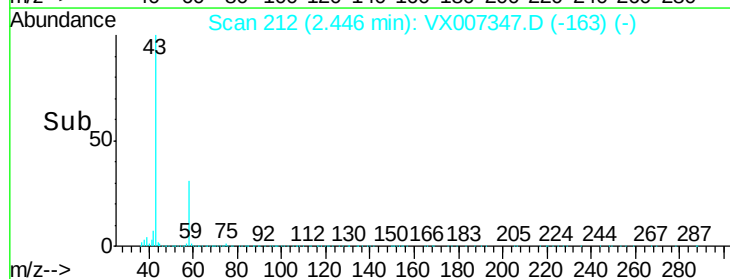
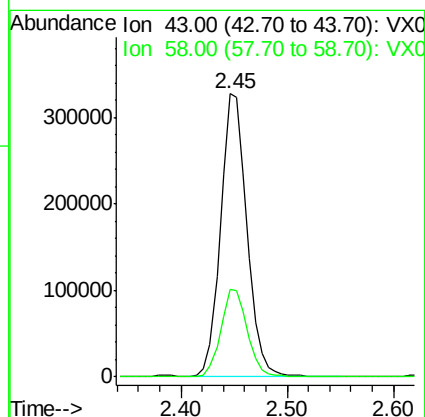
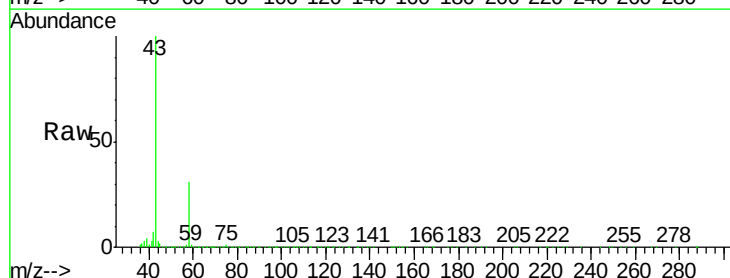
Acq: 01 Feb 2019 19:59

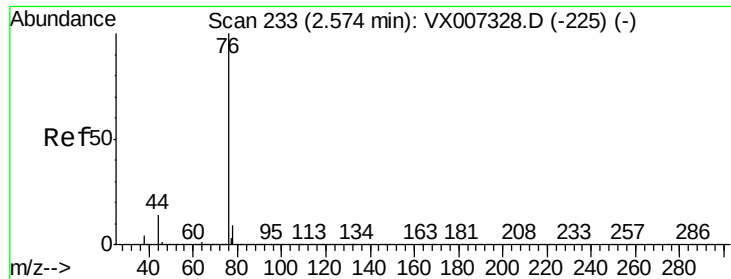
Tgt Ion: 43 Resp: 561258

Ion Ratio Lower Upper

43 100

58 31.0 24.9 37.3





#17

Carbon Disulfide

Concen: 50.821 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

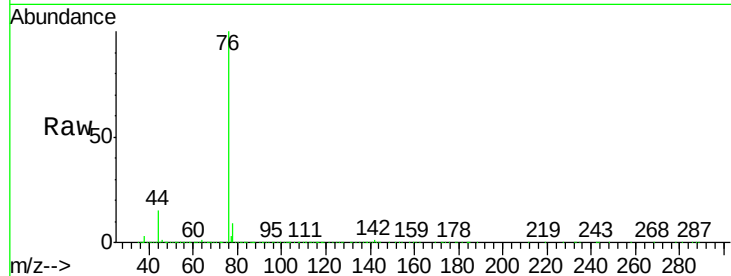
BP-TT-MW202S-20190129MSD

Tot Ion: 76 Resp: 589515

Ion Ratio Lower Upper

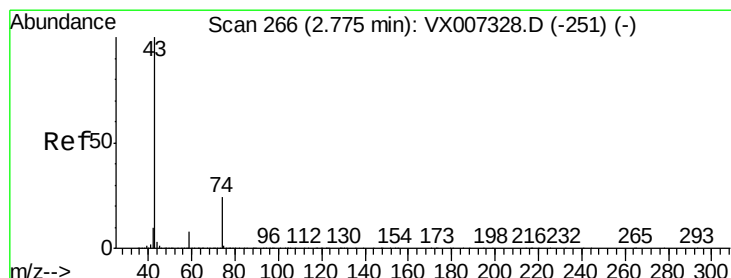
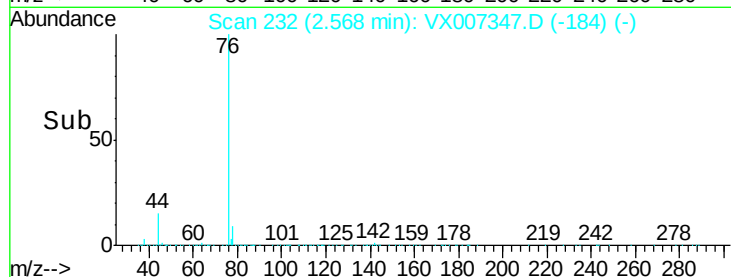
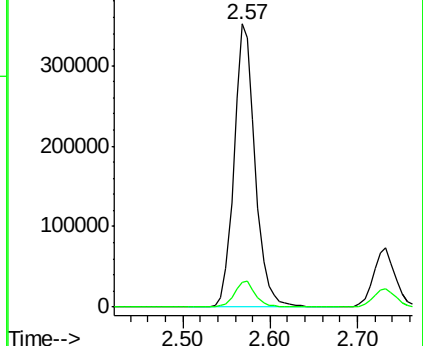
76 100

78 8.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.092 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007347.D

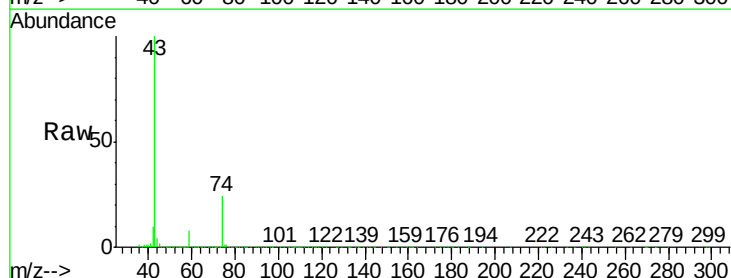
Acq: 01 Feb 2019 19:59

Tgt Ion: 43 Resp: 294617

Ion Ratio Lower Upper

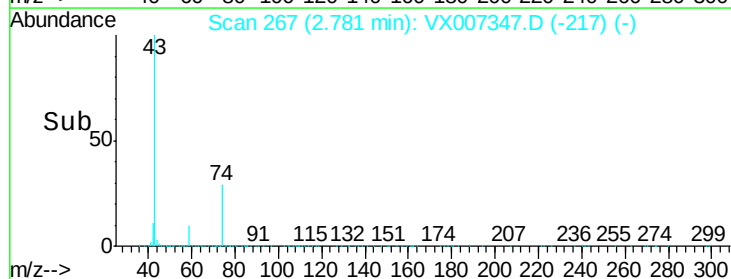
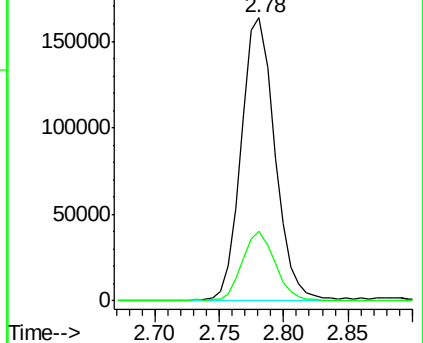
43 100

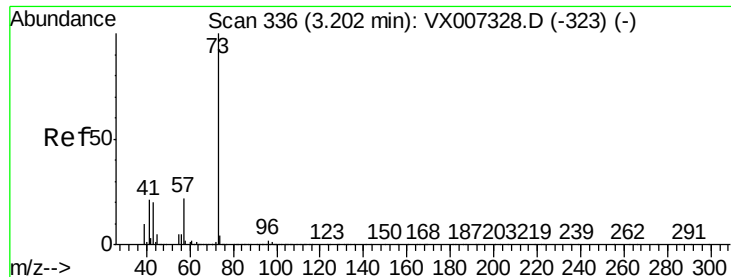
74 24.6 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

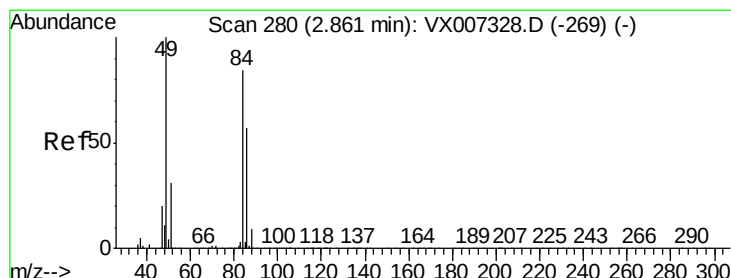
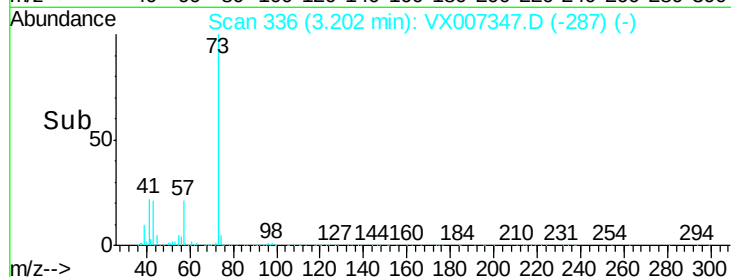
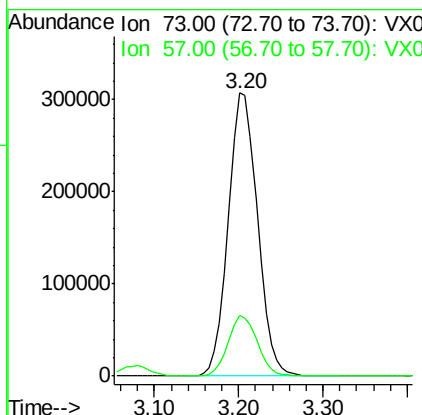
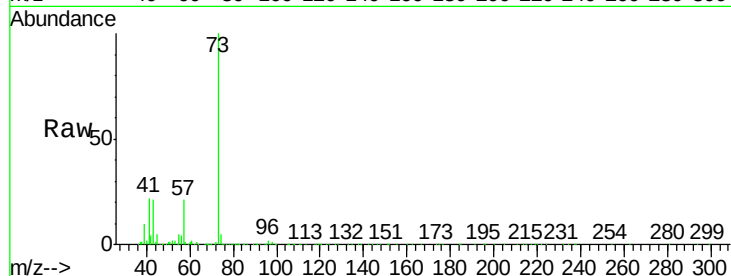




#19
Methyl tert-butyl Ether
Concen: 50.458 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

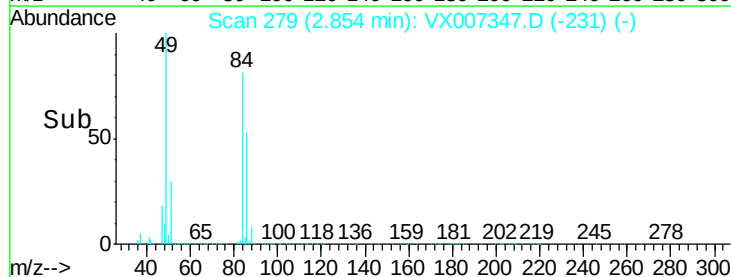
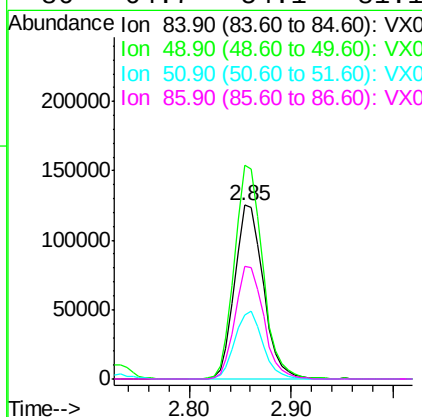
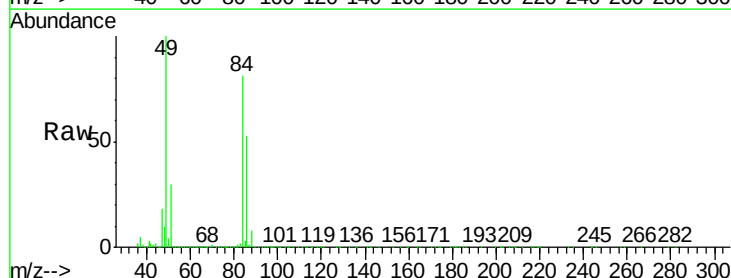
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MSD

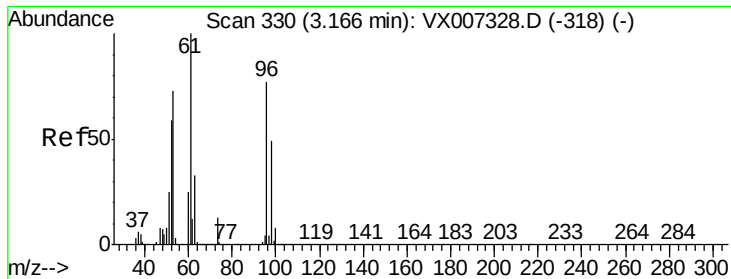
Tot Ion: 73 Resp: 724626
Ion Ratio Lower Upper
73 100
57 21.2 17.8 26.8



#20
Methylene Chloride
Concen: 52.964 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

Tgt Ion: 84 Resp: 244096
Ion Ratio Lower Upper
84 100
49 122.9 94.8 142.2
51 36.9 29.8 44.8
86 64.7 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 49.074 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

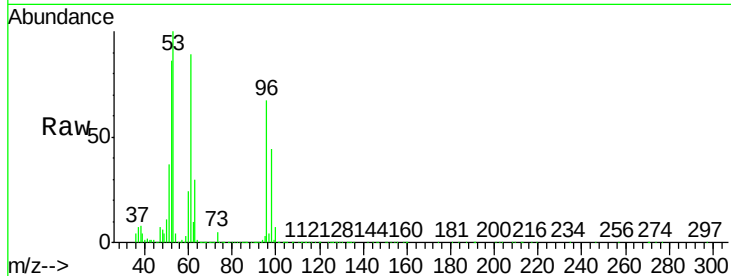
Tot Ion: 96 Resp: 231732

Ion Ratio Lower Upper

96 100

61 133.2 104.6 156.8

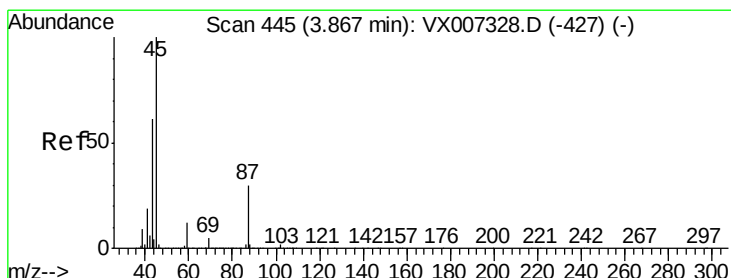
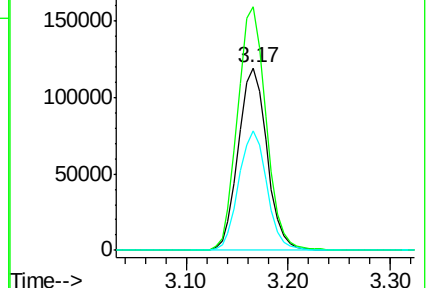
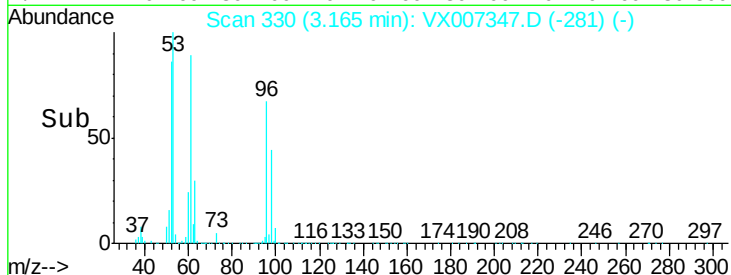
98 65.4 51.0 76.4



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: 50.013 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Tgt Ion: 45 Resp: 664457

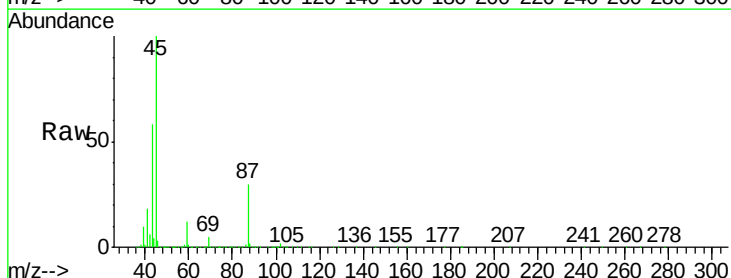
Ion Ratio Lower Upper

45 100

43 57.5 48.9 73.3

87 30.0 23.9 35.9

59 12.3 9.6 14.4

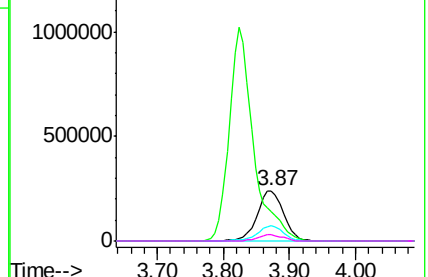
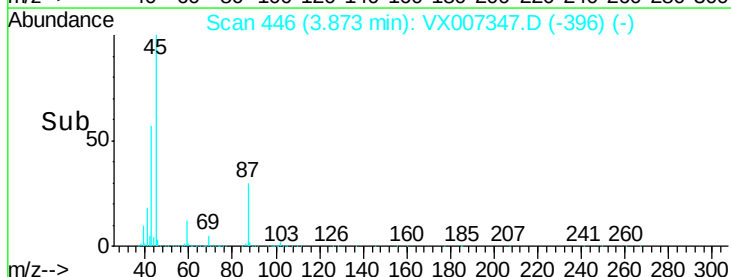


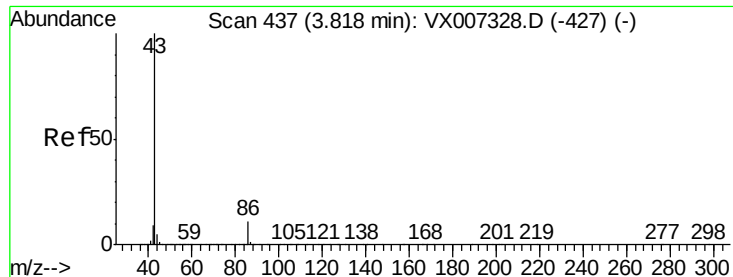
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 235.767 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

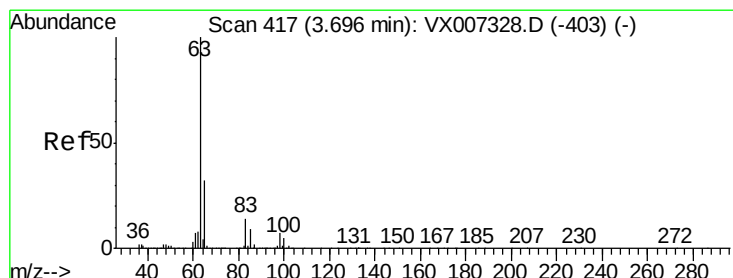
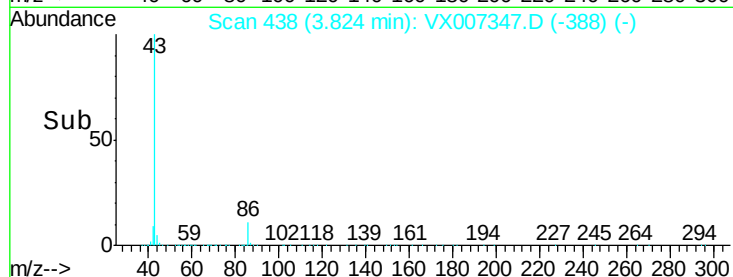
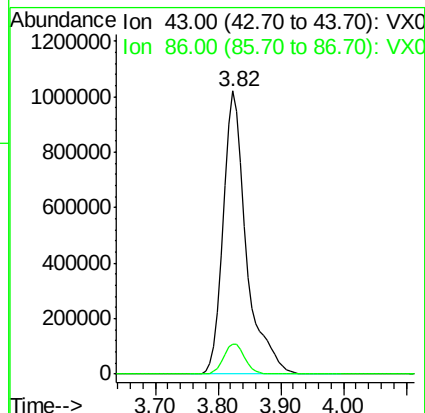
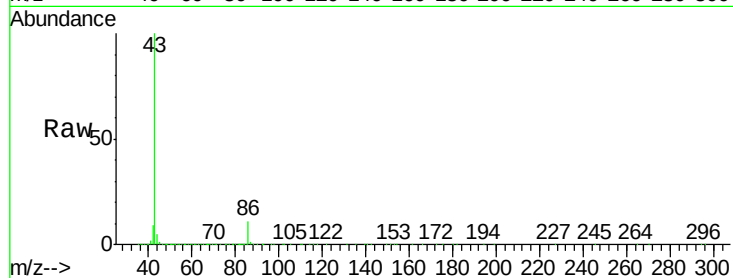
BP-TT-MW202S-20190129MSD

Tot Ion: 43 Resp: 2599285

Ion Ratio Lower Upper

43 100

86 10.8 8.7 13.1



#24

1,1-Dichloroethane

Concen: 48.711 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

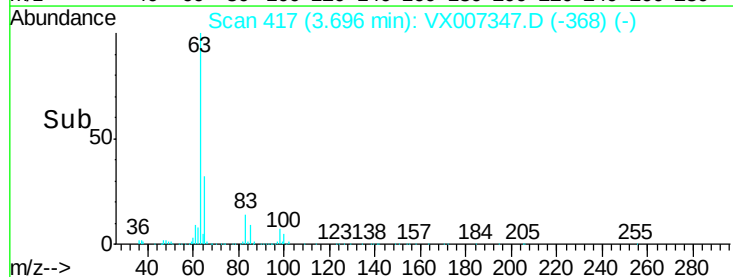
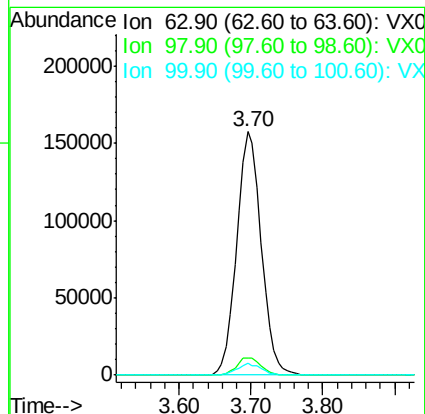
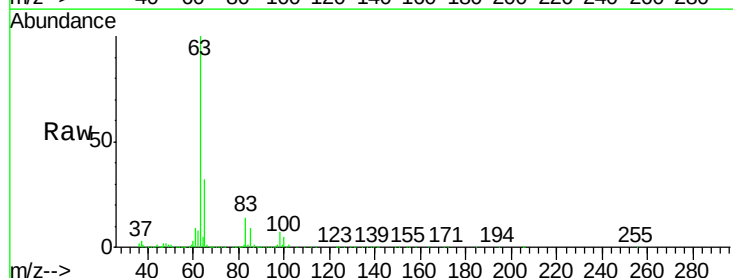
Tgt Ion: 63 Resp: 371650

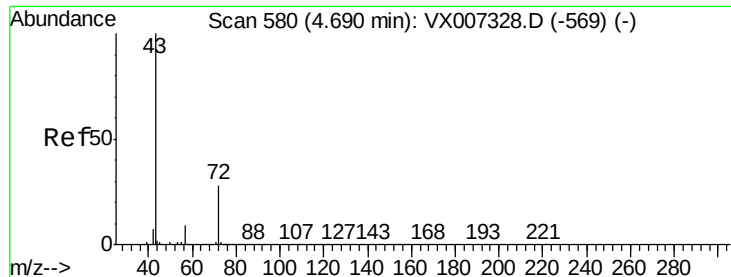
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.6 2.5 7.4





#25

2-Butanone

Concen: 254.979 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

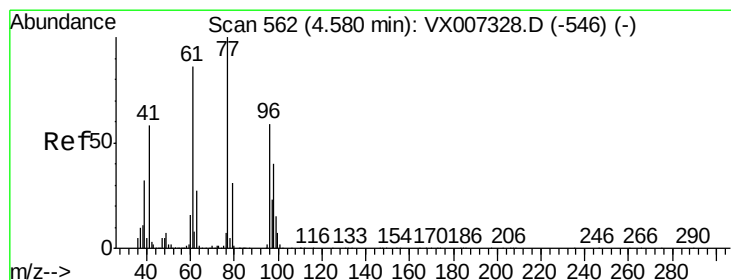
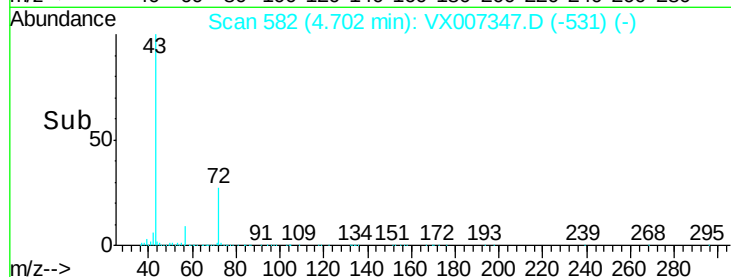
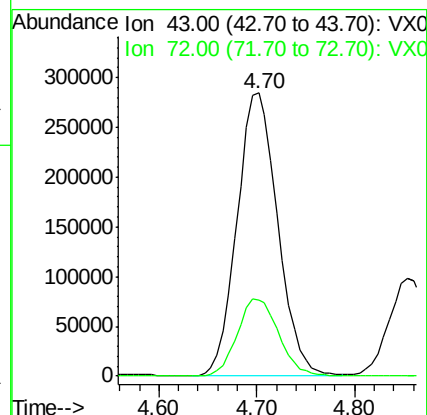
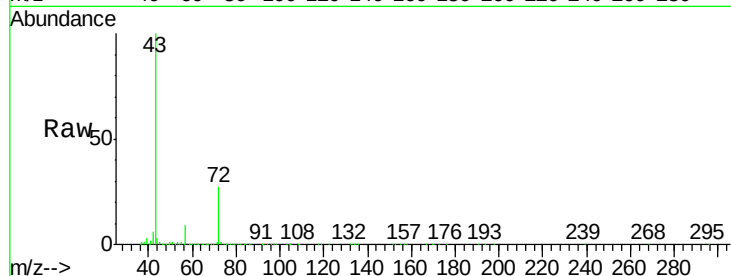
BP-TT-MW202S-20190129MSD

Tot Ion: 43 Resp: 819098

Ion Ratio Lower Upper

43 100

72 26.8 22.2 33.2



#26

2,2-Dichloropropane

Concen: 43.894 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX007347.D

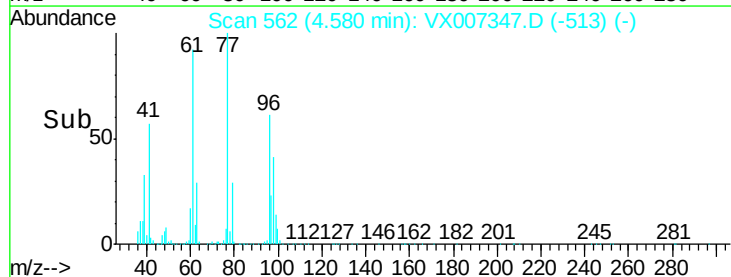
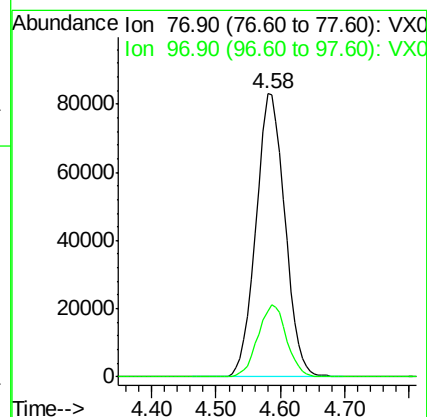
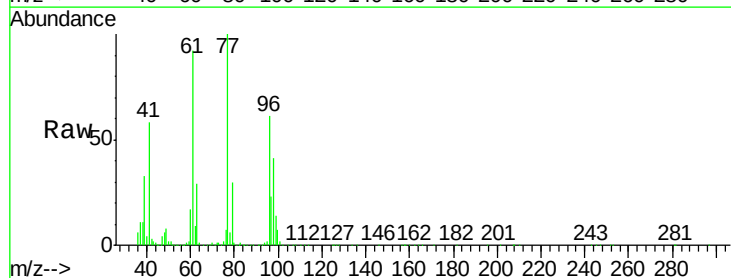
Acq: 01 Feb 2019 19:59

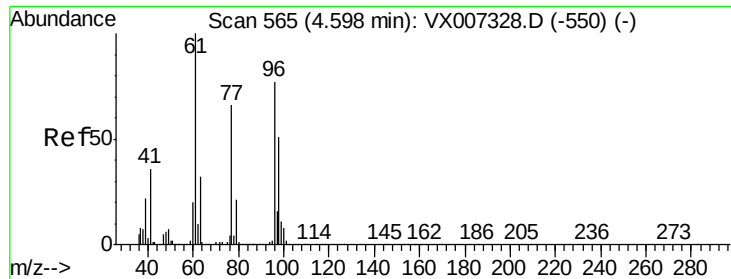
Tgt Ion: 77 Resp: 255040

Ion Ratio Lower Upper

77 100

97 25.5 12.1 36.3



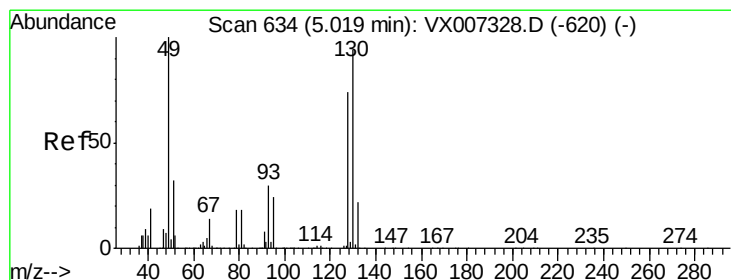
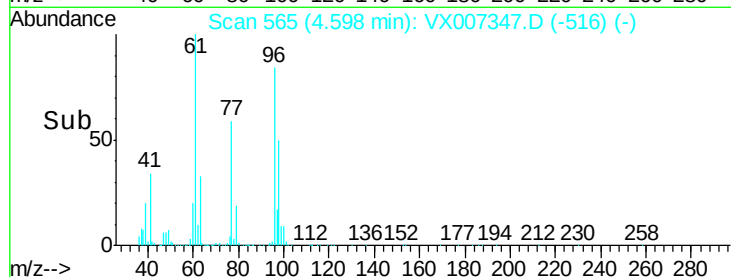
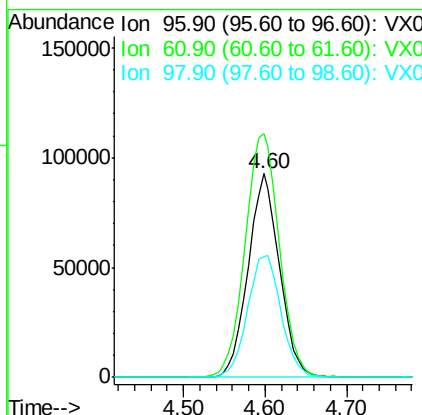
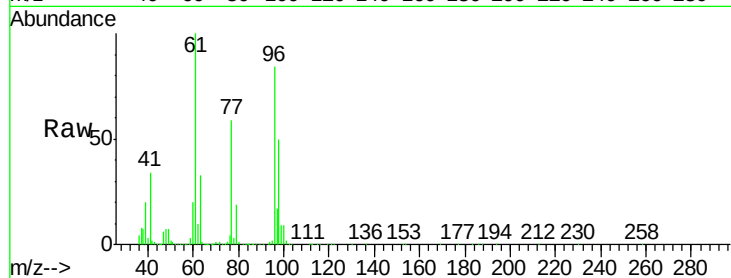


#27

cis-1,2-Dichloroethene
Concen: 48.189 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MSD

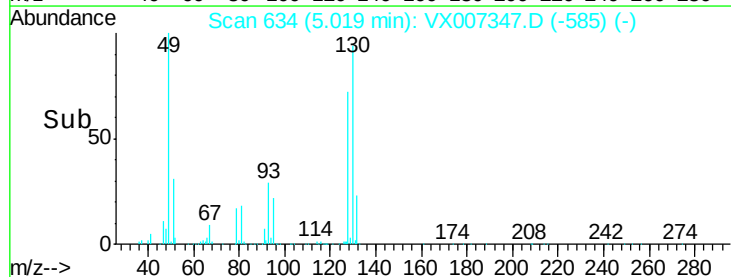
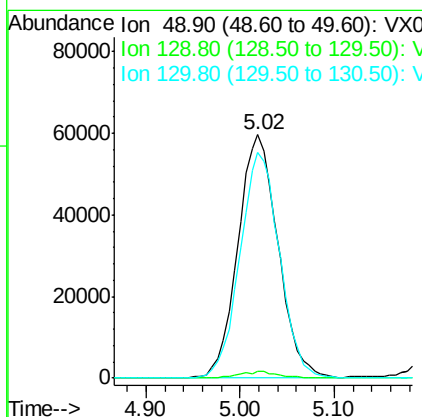
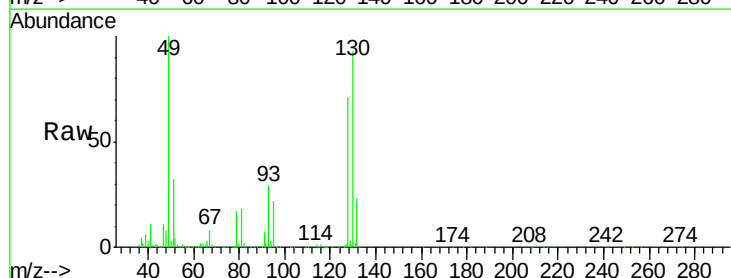
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.9	0.0	265.6
98	64.1	0.0	131.6

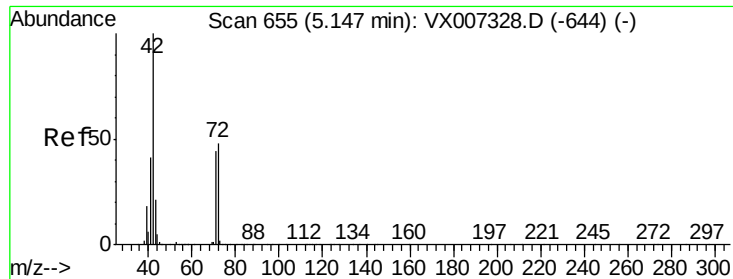


#28

Bromochloromethane
Concen: 50.639 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	91.6	75.6	113.4





#29

Tetrahydrofuran

Concen: 266.533 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

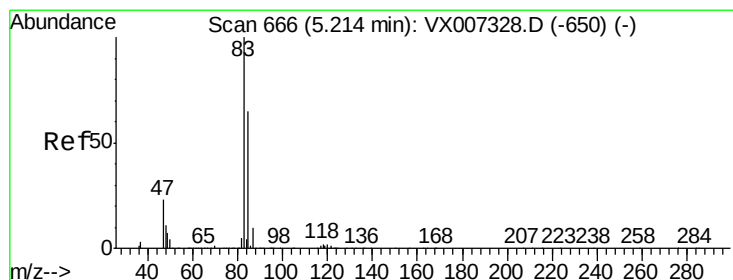
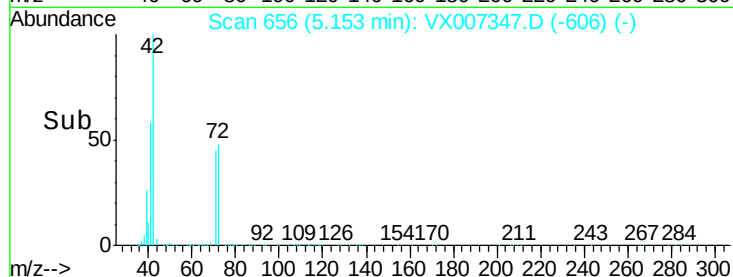
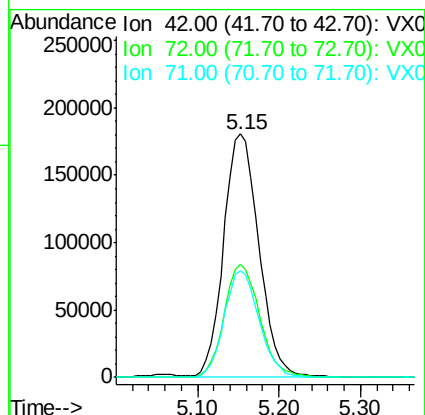
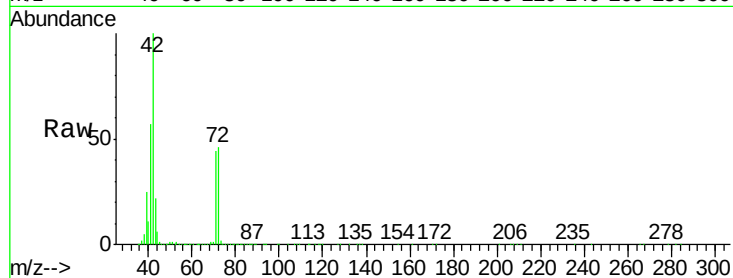
Tot Ion: 42 Resp: 538501

Ion Ratio Lower Upper

42 100

72 47.1 37.6 56.4

71 43.7 34.6 51.8



#30

Chloroform

Concen: 49.860 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007347.D

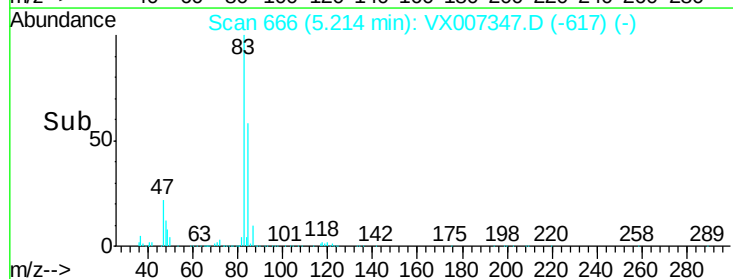
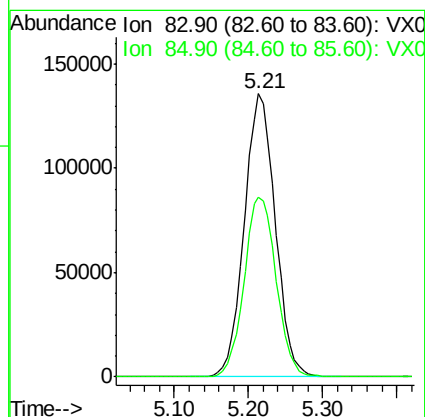
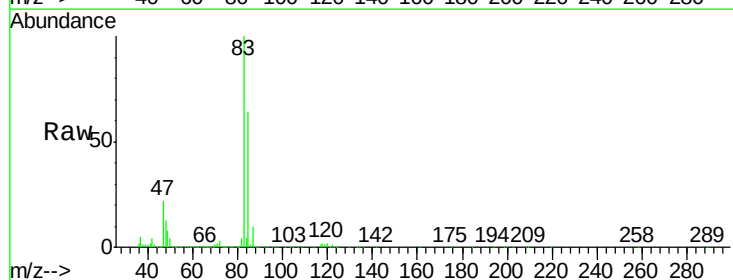
Acq: 01 Feb 2019 19:59

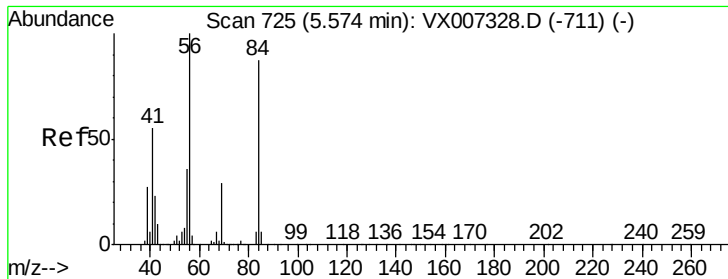
Tgt Ion: 83 Resp: 396958

Ion Ratio Lower Upper

83 100

85 63.5 51.6 77.4





#31

Cyclohexane

Concen: 48.729 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

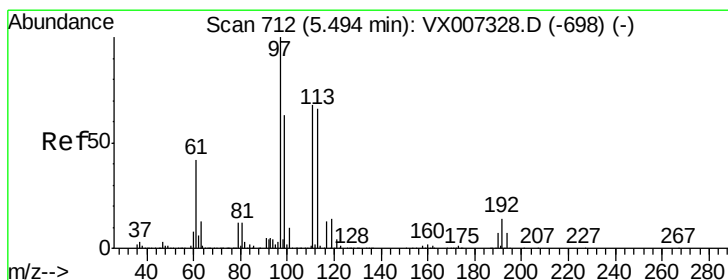
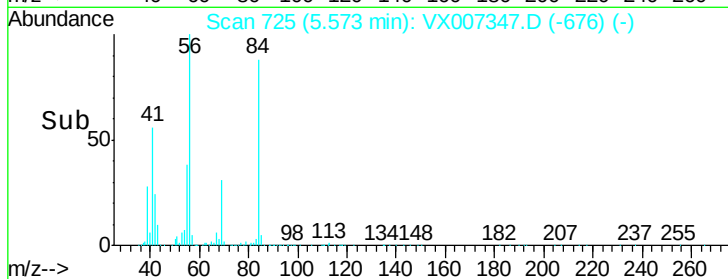
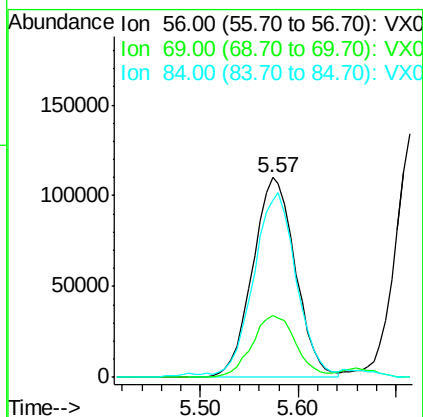
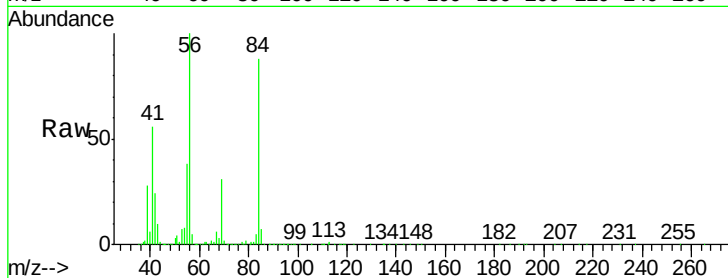
Tot Ion: 56 Resp: 333918

Ion Ratio Lower Upper

56 100

69 31.1 23.0 34.6

84 86.7 69.8 104.6



#32

1,1,1-Trichloroethane

Concen: 50.934 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

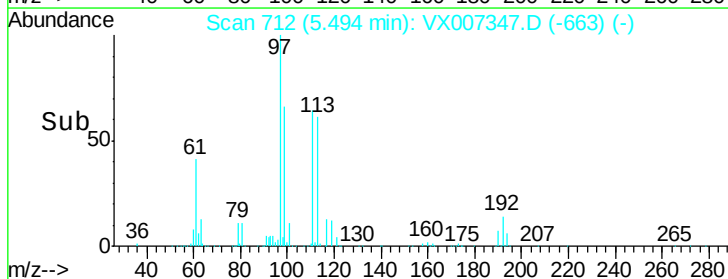
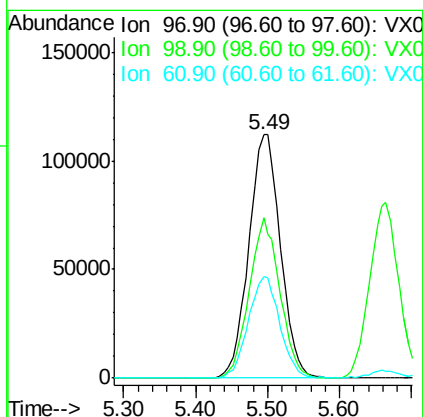
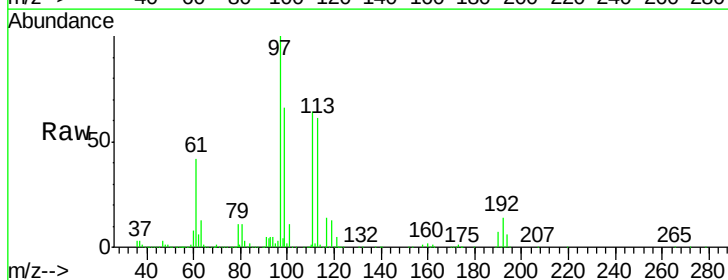
Tgt Ion: 97 Resp: 342292

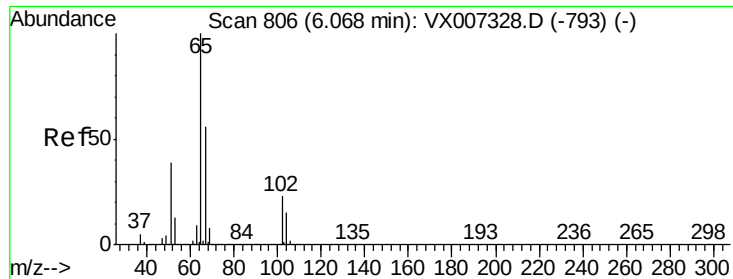
Ion Ratio Lower Upper

97 100

99 63.6 52.2 78.2

61 41.2 32.7 49.1

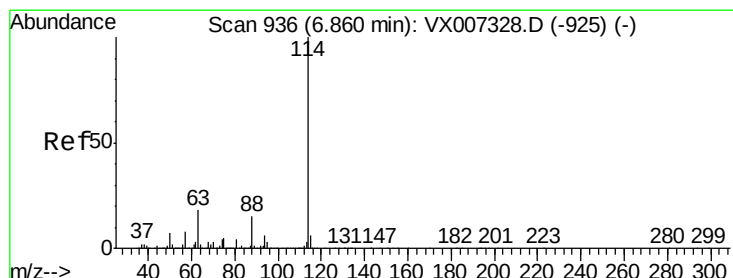
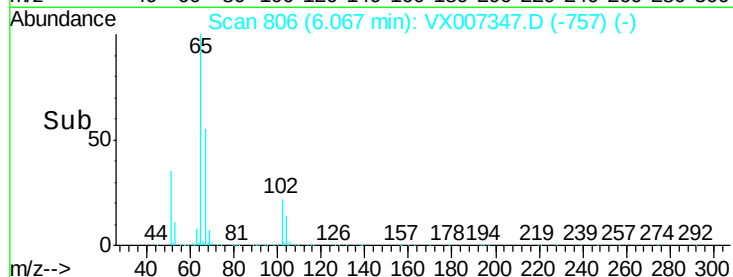
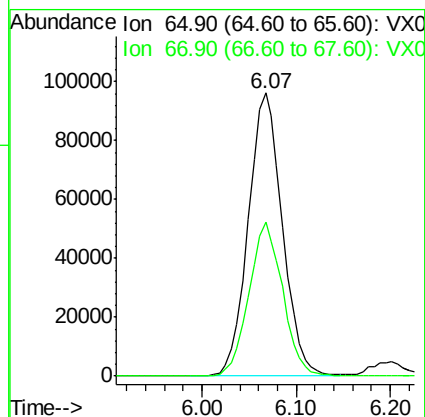
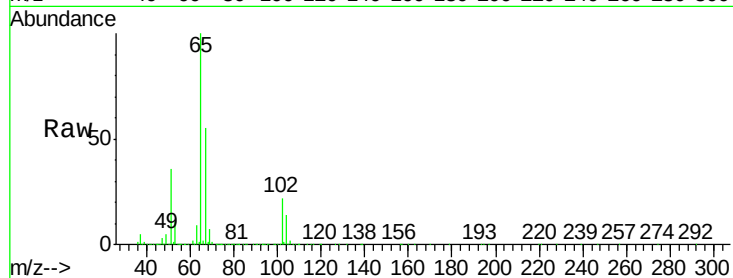




#33
 1,2-Dichloroethane-d4
 Concen: 49.421 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

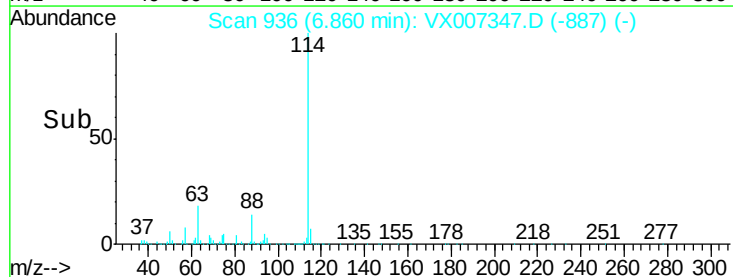
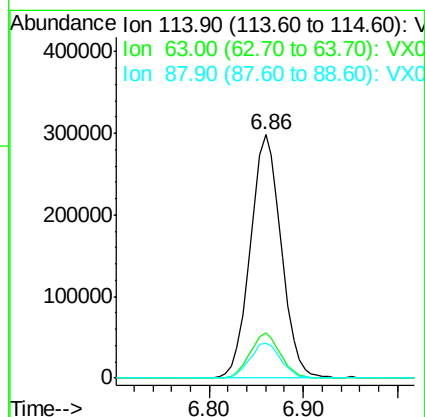
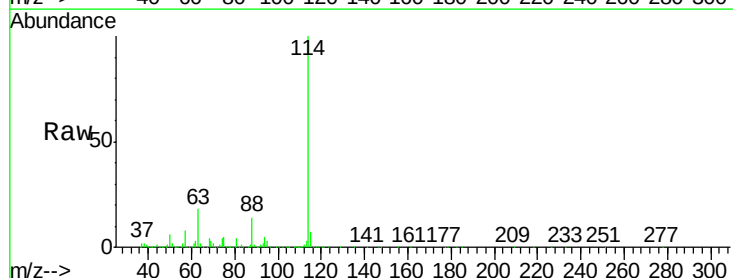
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW202S-20190129MSD

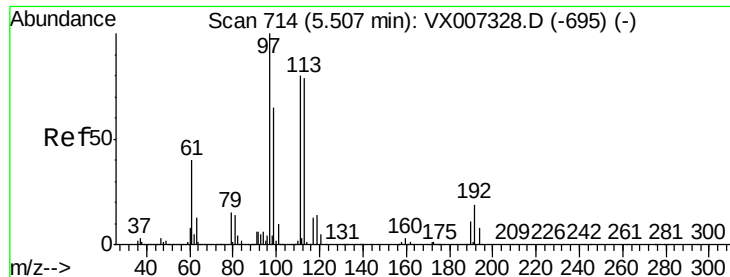
Tot Ion: 65 Resp: 243536
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

Tgt Ion: 114 Resp: 688329
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 35.6
 88 14.3 0.0 29.6

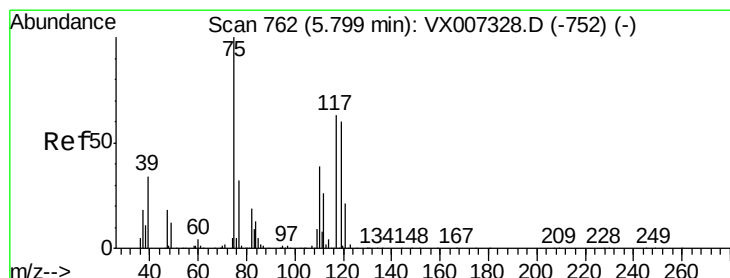
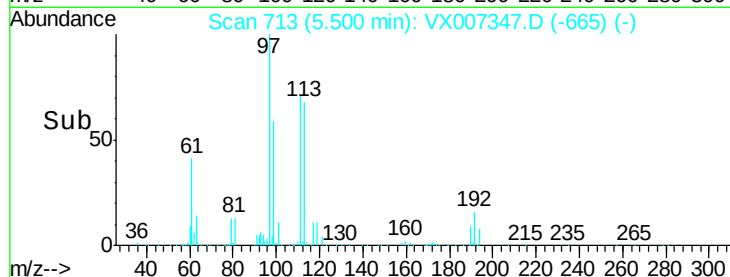
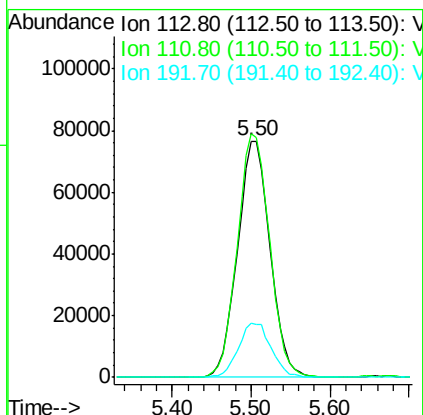
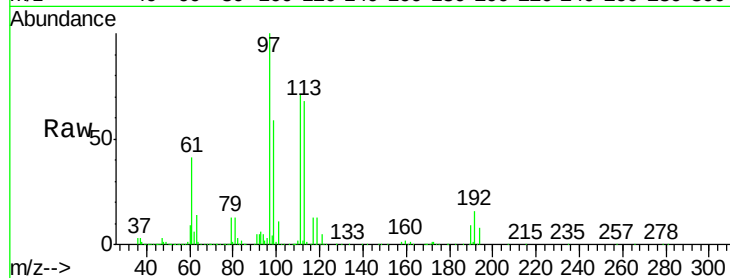




#35
 Dibromofluoromethane
 Concen: 49.110 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

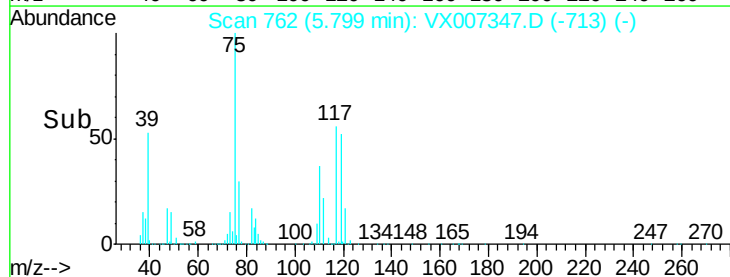
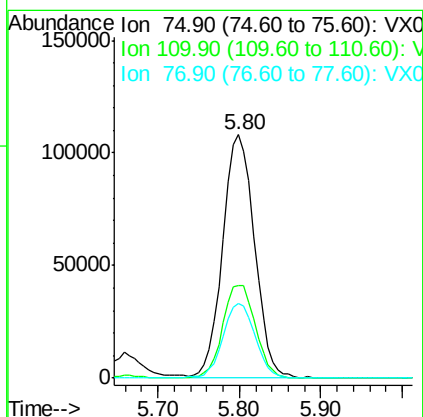
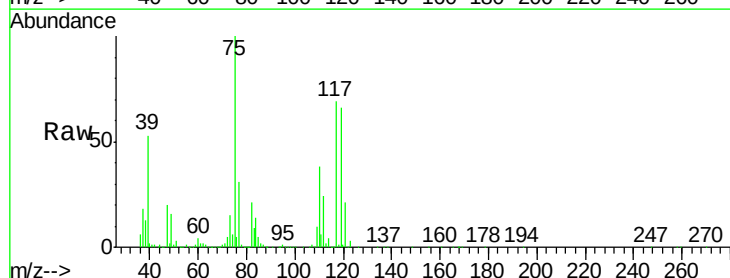
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW202S-20190129MSD

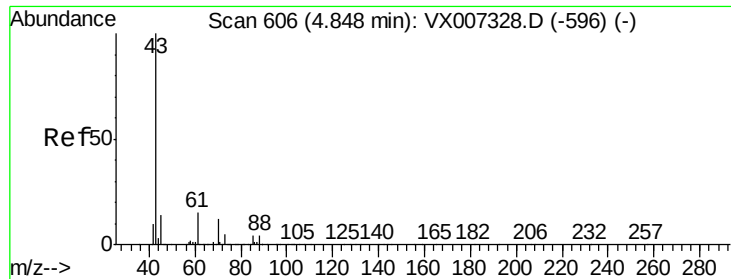
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.8
192	23.1	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 47.163 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.6	20.0	59.9
77	30.9	24.7	37.1

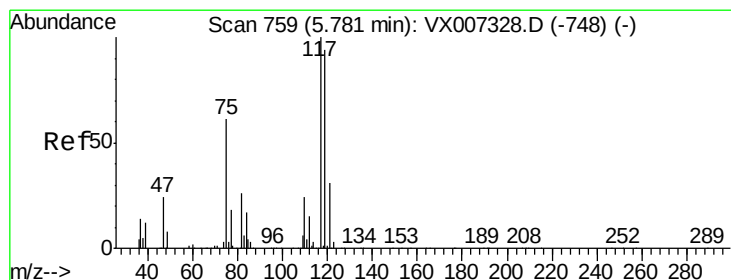
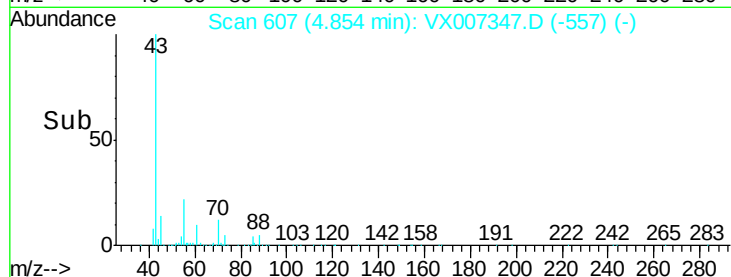
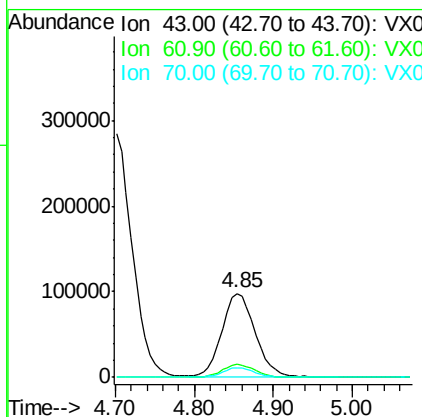
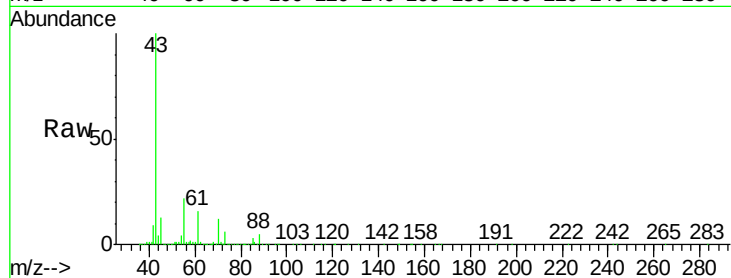




#37
Ethyl Acetate
Concen: 46.260 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

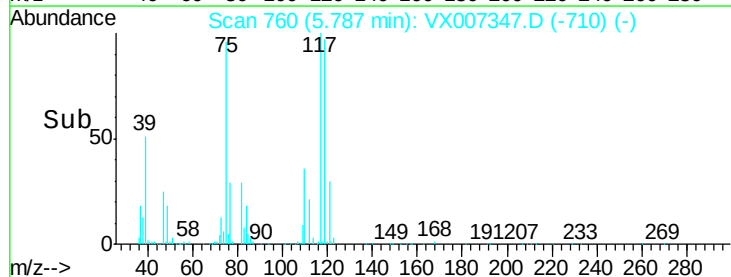
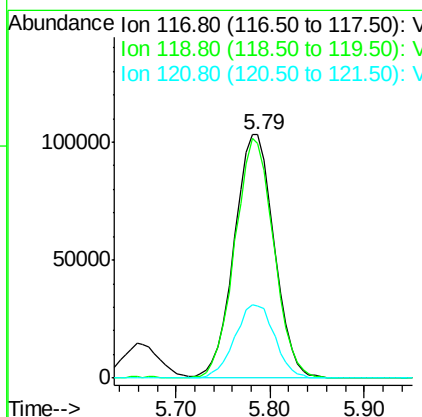
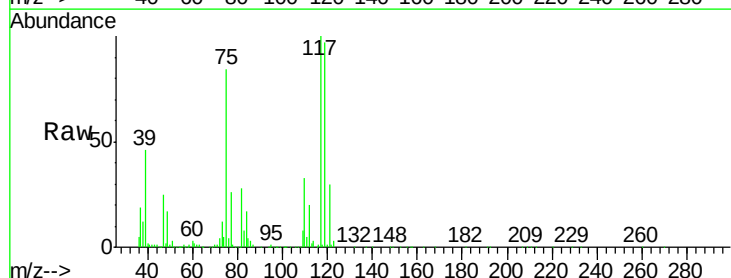
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MSD

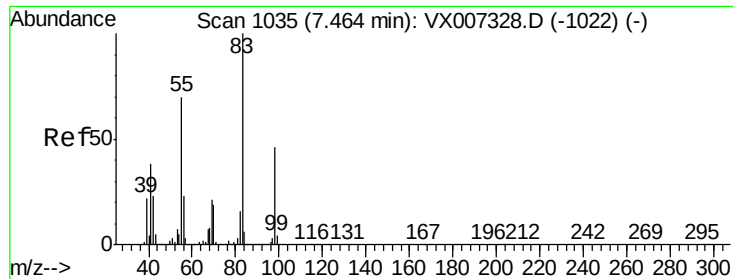
Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.3	16.9
70	11.2	8.6	13.0



#38
Carbon Tetrachloride
Concen: 50.602 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.3	112.9
121	29.8	25.0	37.4

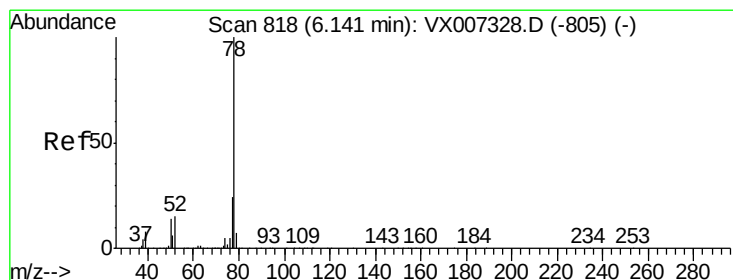
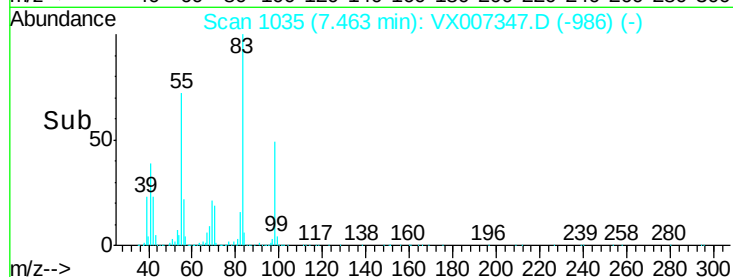
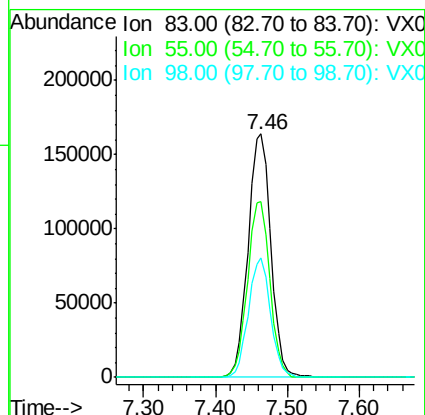
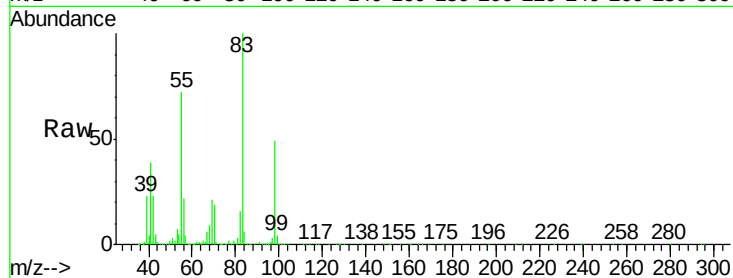




#39
Methylvlcyclohexane
Concen: 48.061 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

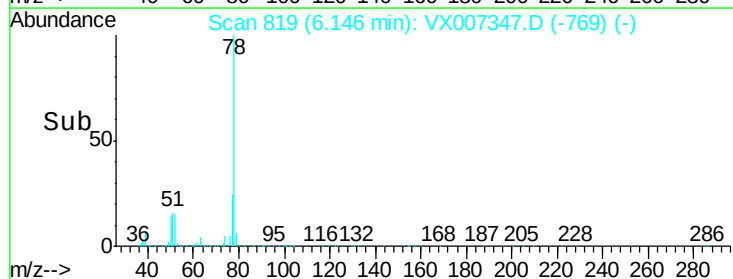
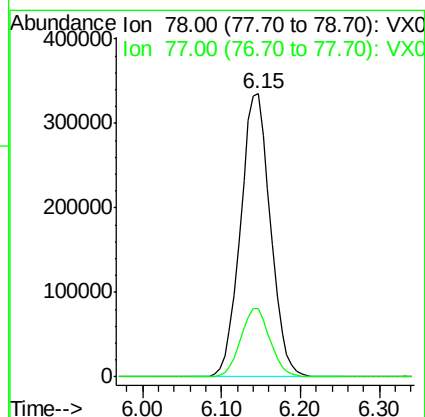
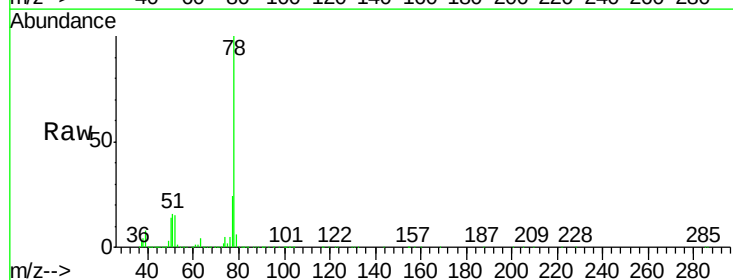
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MSD

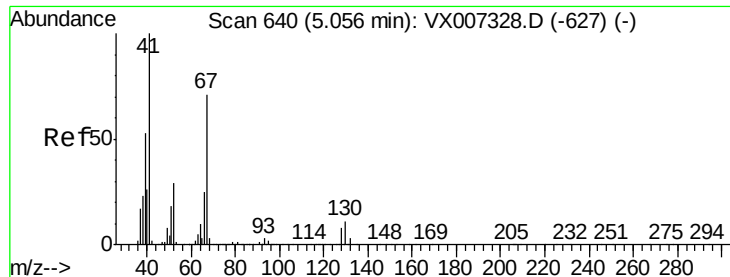
Tot Ion	83	Resp	359122
Ion Ratio	Lower	Upper	
83	100		
55	72.2	56.2	84.2
98	49.0	36.8	55.2



#40
Benzene
Concen: 48.612 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

Tgt Ion	78	Resp	884380
Ion Ratio	Lower	Upper	
78	100		
77	24.2	19.3	28.9





#41

Methacrylonitrile

Concen: 51.637 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

Tot Ion: 41 Resp: 172777

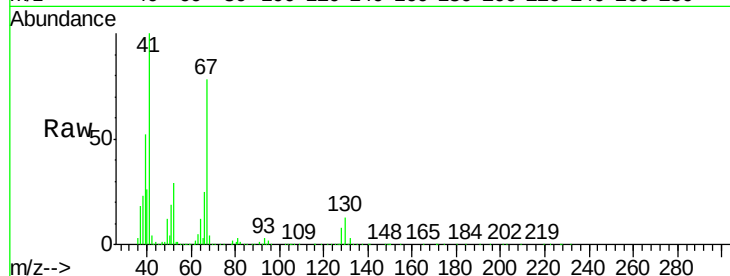
Ion Ratio Lower Upper

41 100

39 54.2 44.5 66.7

67 75.5 60.4 90.6

52 29.6 24.1 36.1

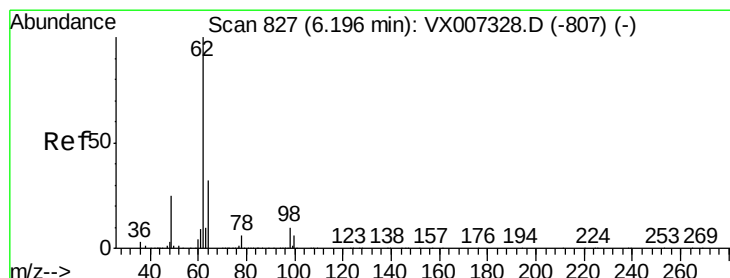
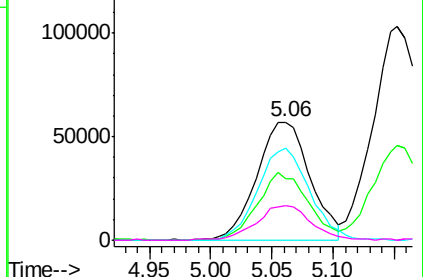
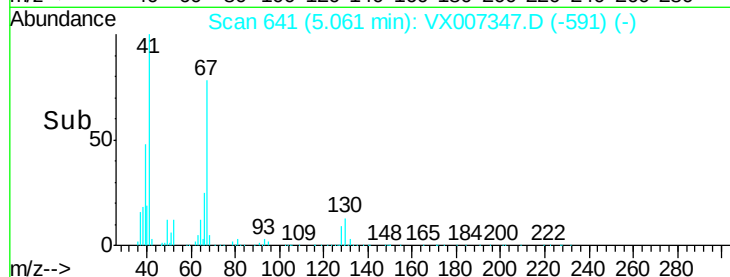


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 47.822 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007347.D

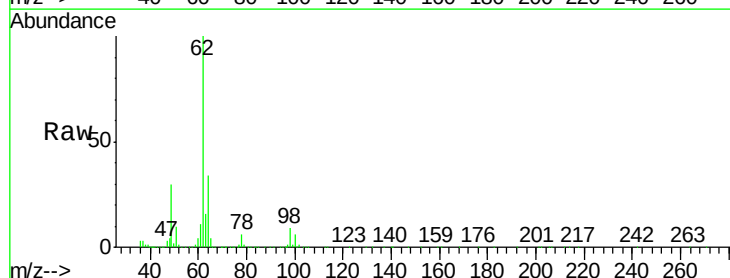
Acq: 01 Feb 2019 19:59

Tgt Ion: 62 Resp: 301015

Ion Ratio Lower Upper

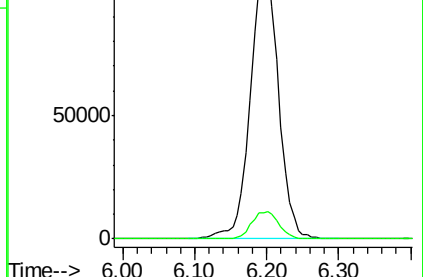
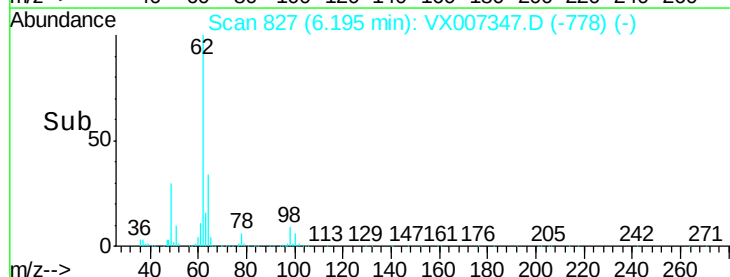
62 100

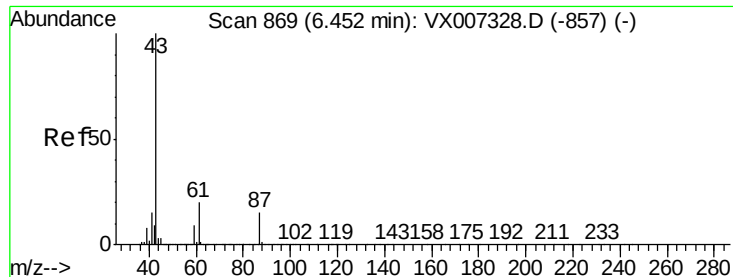
98 9.7 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.986 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

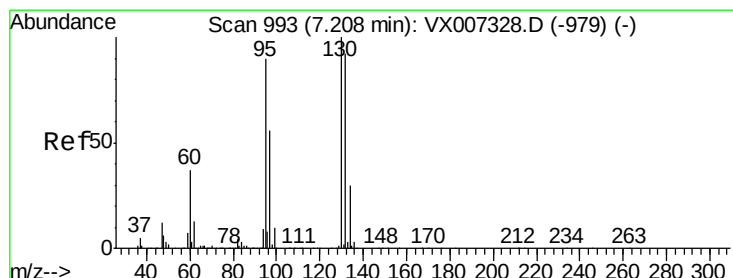
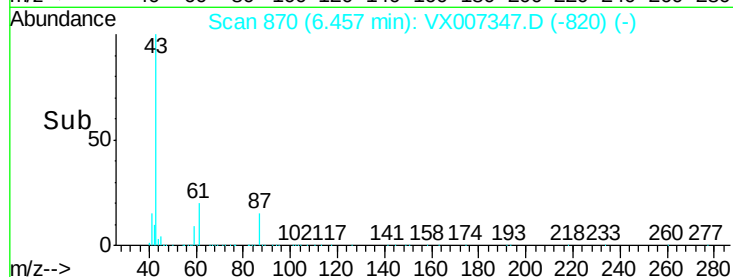
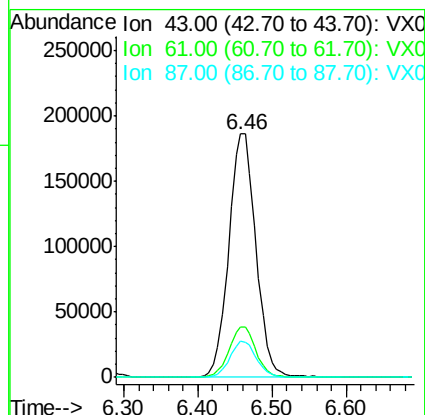
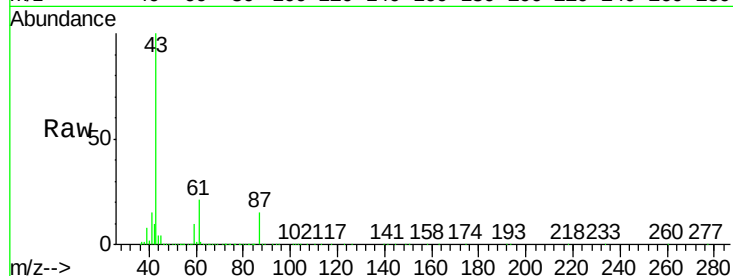
Tot Ion: 43 Resp: 472045

Ion Ratio Lower Upper

43 100

61 20.5 16.1 24.1

87 14.6 11.5 17.3



#44

Trichloroethene

Concen: 47.329 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX007347.D

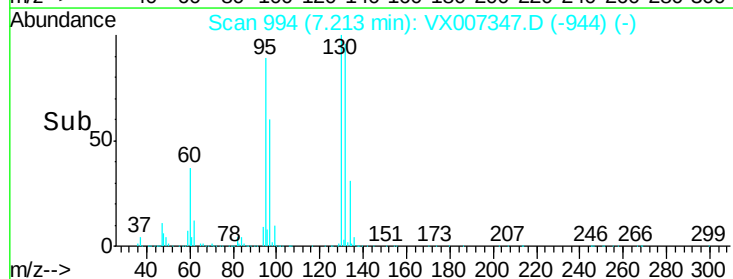
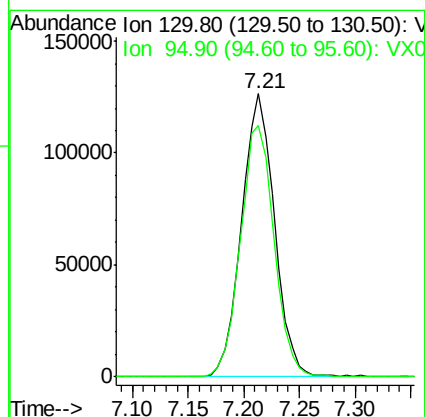
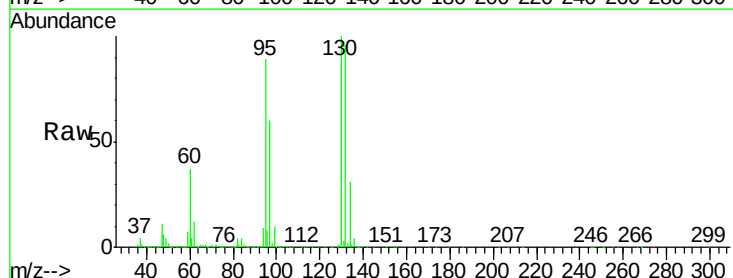
Acq: 01 Feb 2019 19:59

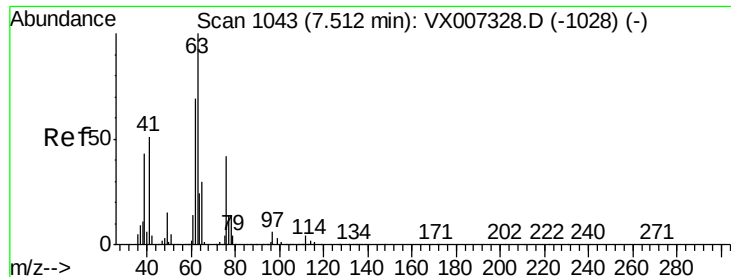
Tgt Ion: 130 Resp: 259326

Ion Ratio Lower Upper

130 100

95 88.9 0.0 180.0

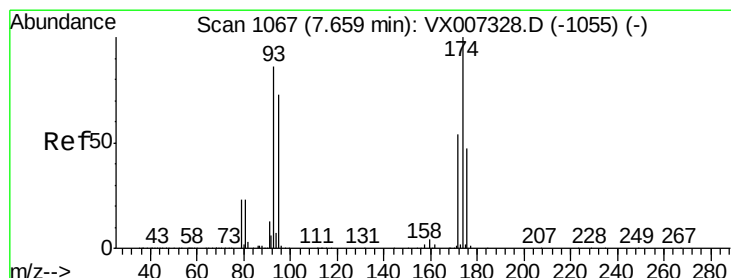
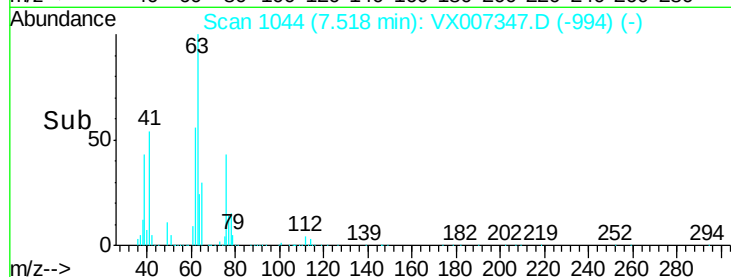
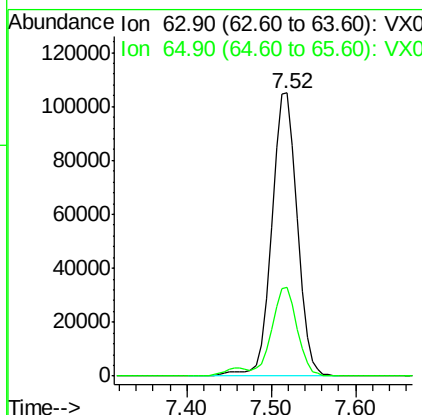
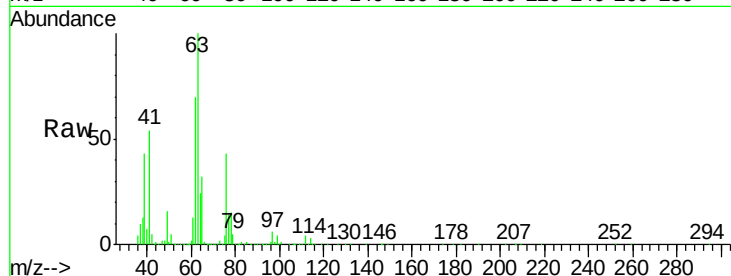




#45
 1,2-Dichloropropane
 Concen: 48.601 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

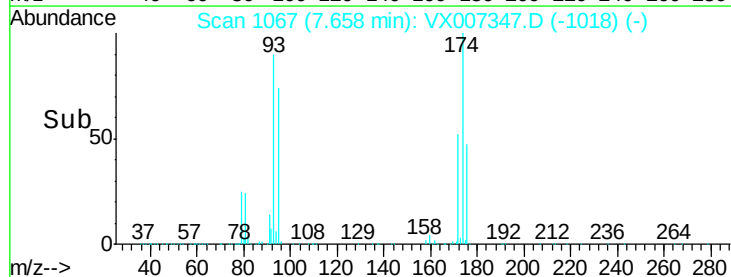
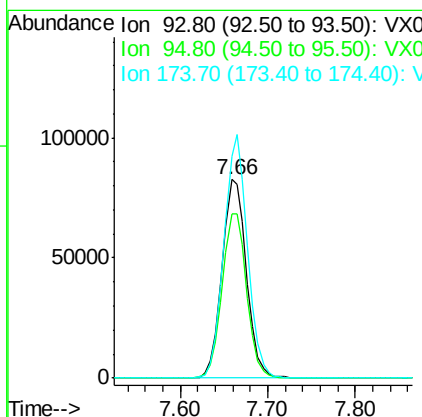
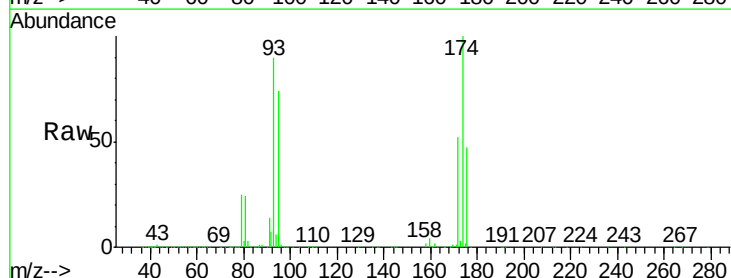
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW202S-20190129MSD

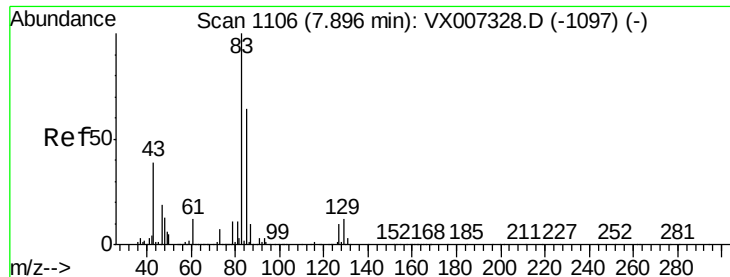
Tot Ion: 63 Resp: 221533
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.2 36.2



#46
 Dibromomethane
 Concen: 48.302 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

Tgt Ion: 93 Resp: 160019
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.6 101.4
 174 117.8 94.2 141.4





#47

Bromodichloromethane

Concen: 51.189 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

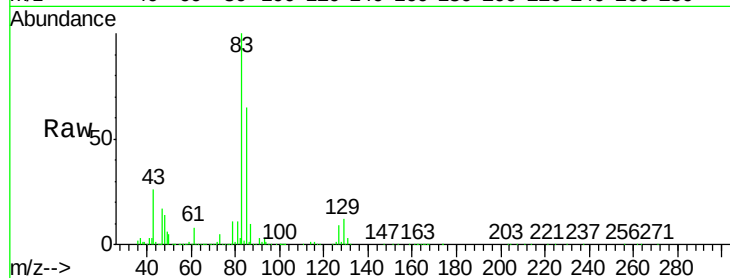
Tot Ion: 83 Resp: 287410

Ion Ratio Lower Upper

83 100

85 64.8 51.4 77.0

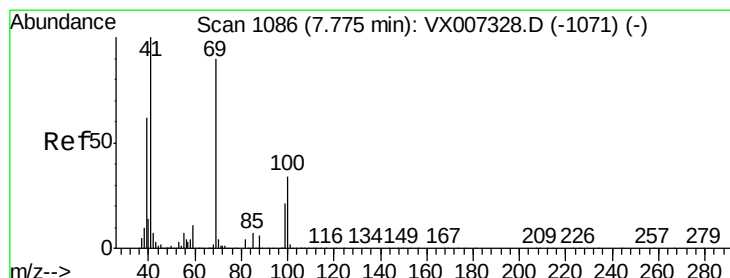
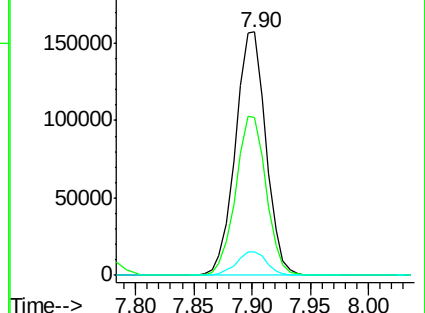
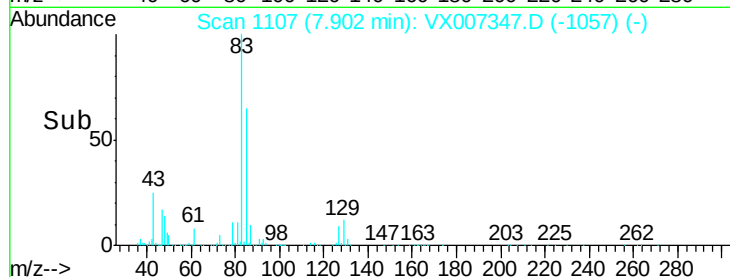
127 9.4 8.1 12.1



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: 52.711 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

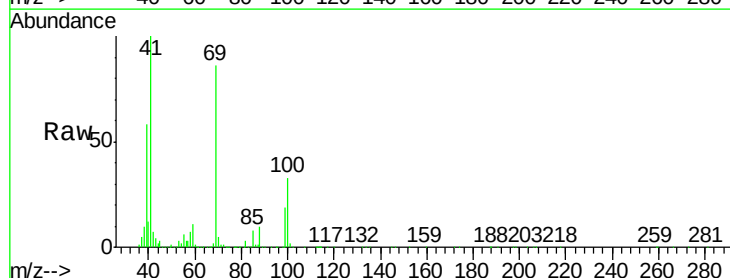
Tgt Ion: 41 Resp: 254069

Ion Ratio Lower Upper

41 100

69 88.3 70.2 105.4

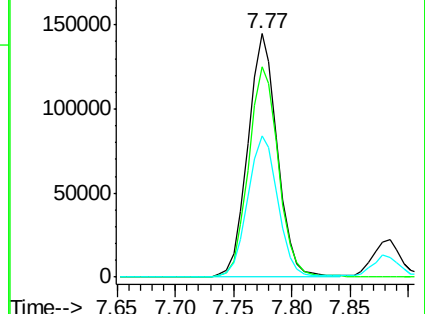
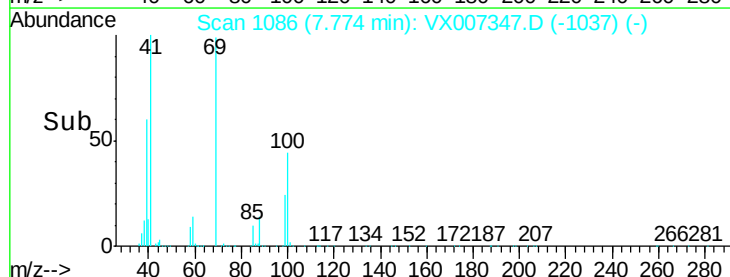
39 60.1 47.4 71.0

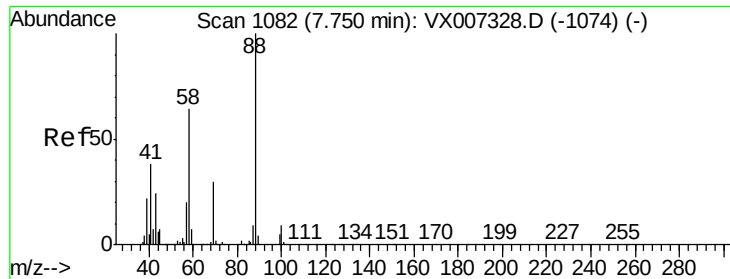


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1058.923 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

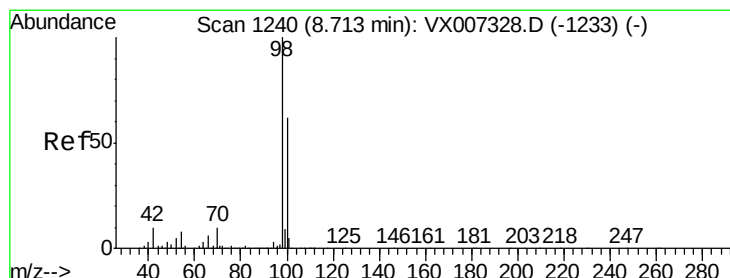
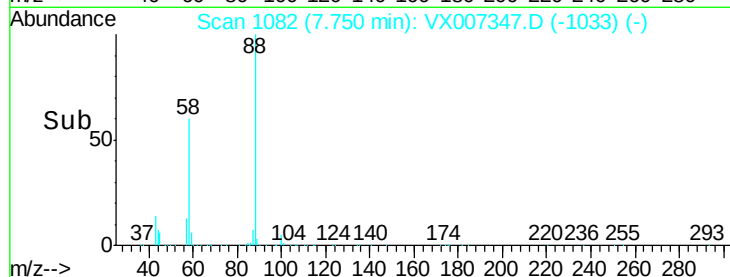
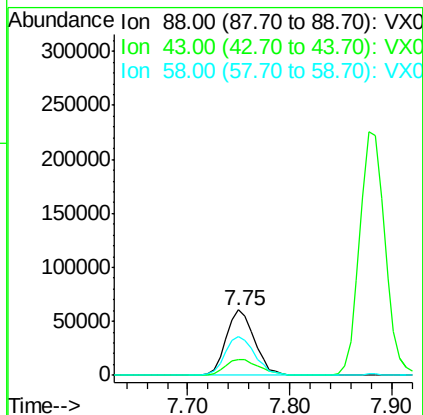
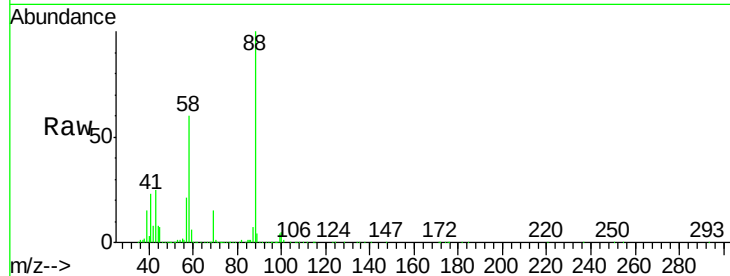
Tot Ion: 88 Resp: 116121

Ion Ratio Lower Upper

88 100

43 28.7 24.2 36.4

58 62.0 53.0 79.4



#50

Toluene-d8

Concen: 49.750 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007347.D

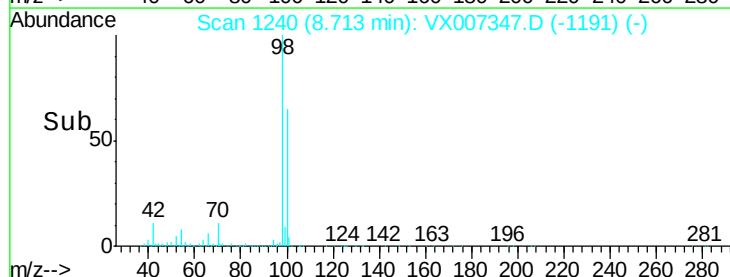
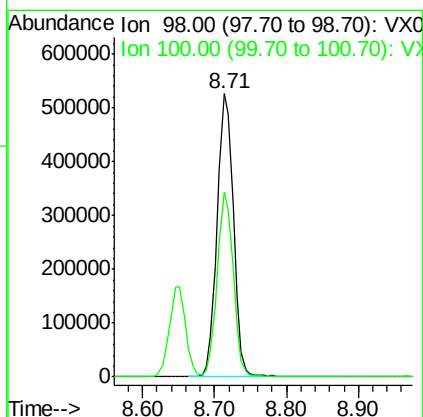
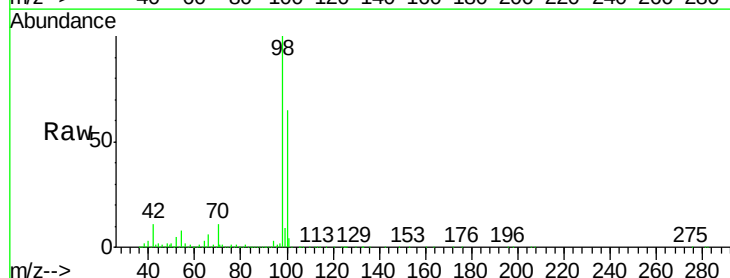
Acq: 01 Feb 2019 19:59

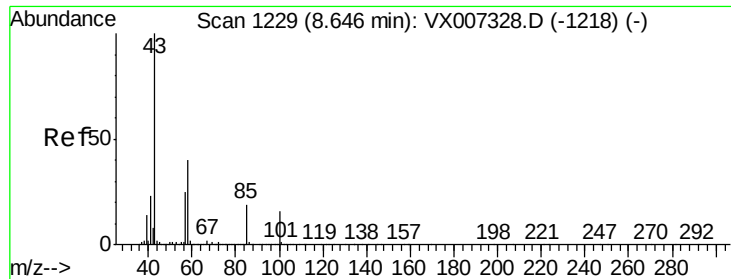
Tgt Ion: 98 Resp: 826688

Ion Ratio Lower Upper

98 100

100 63.6 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 259.821 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

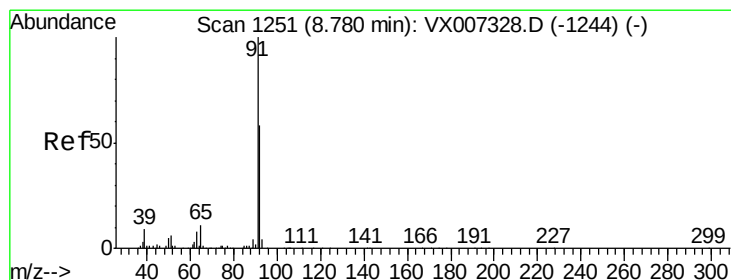
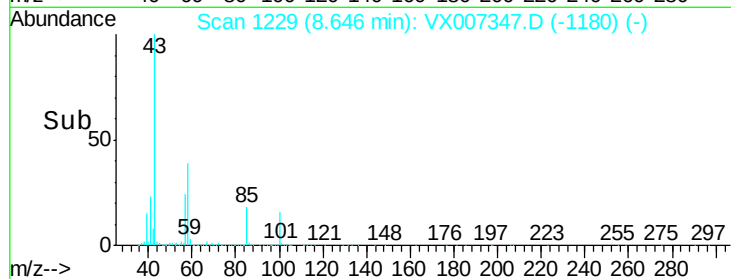
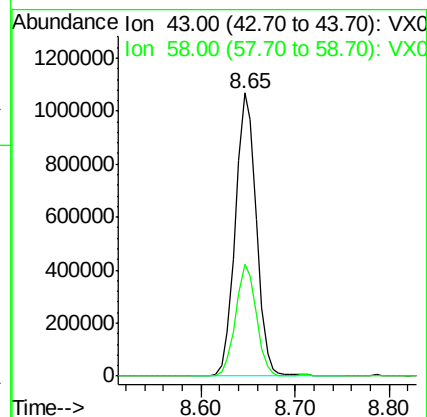
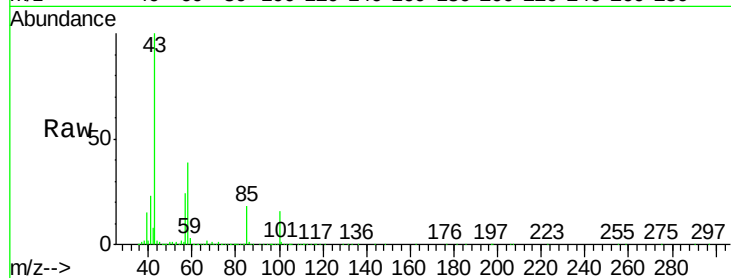
BP-TT-MW202S-20190129MSD

Tot Ion: 43 Resp: 1648217

Ion Ratio Lower Upper

43 100

58 38.8 31.2 46.8



#52

Toluene

Concen: 49.278 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007347.D

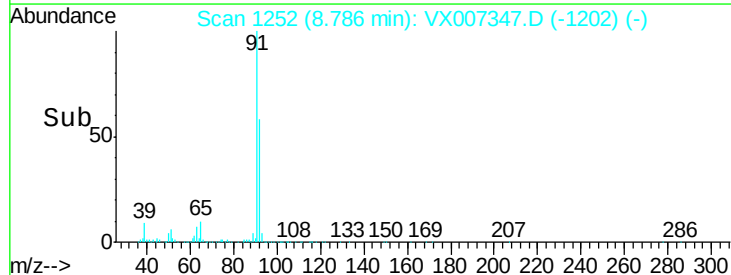
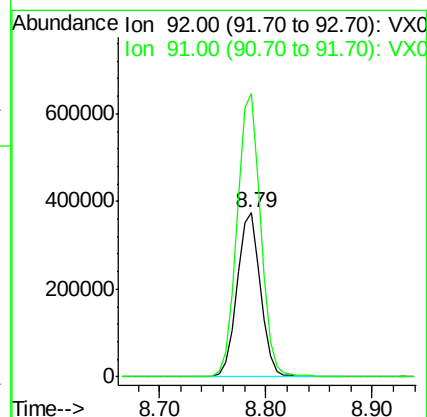
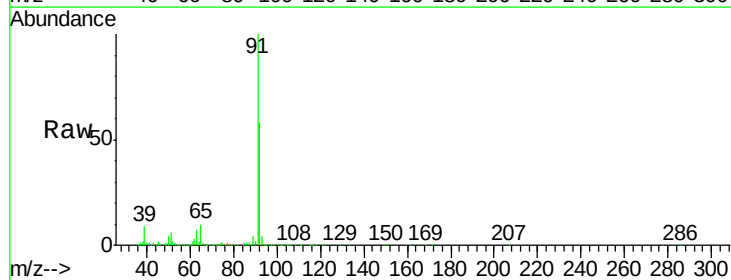
Acq: 01 Feb 2019 19:59

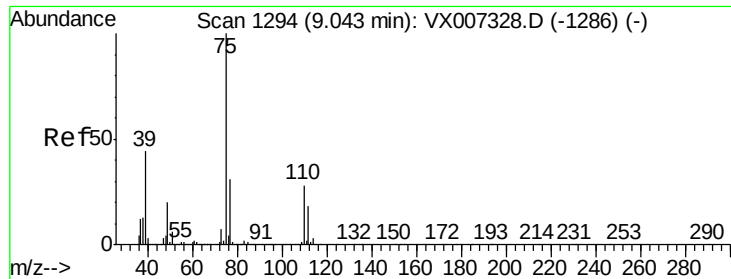
Tgt Ion: 92 Resp: 578410

Ion Ratio Lower Upper

92 100

91 173.9 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 51.843 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

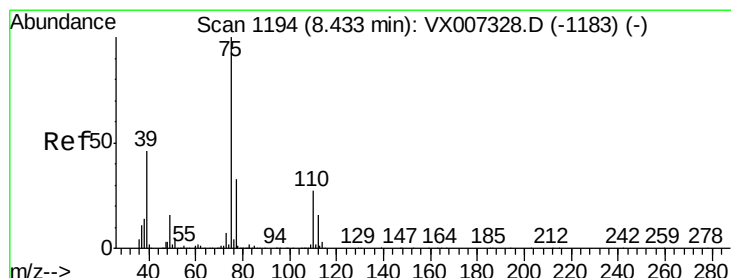
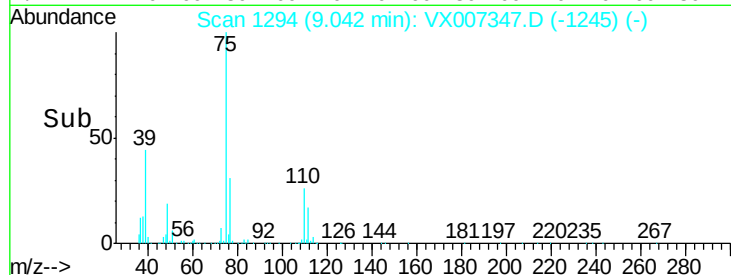
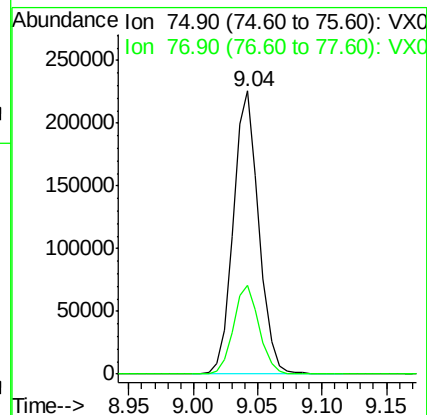
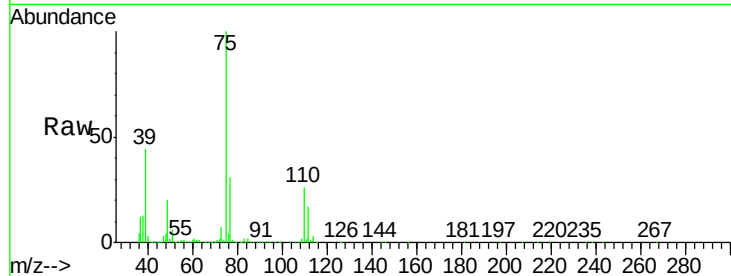
BP-TT-MW202S-20190129MSD

Tot Ion: 75 Resp: 312661

Ion Ratio Lower Upper

75 100

77 31.1 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 50.440 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

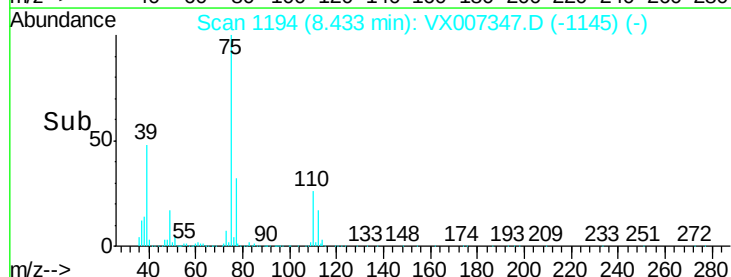
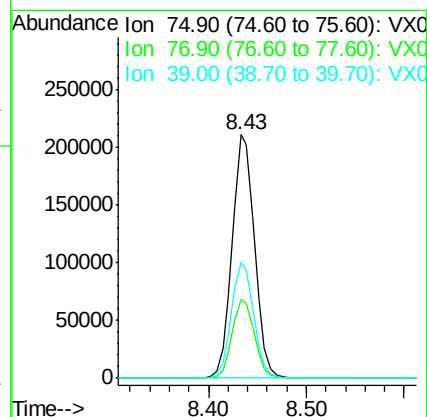
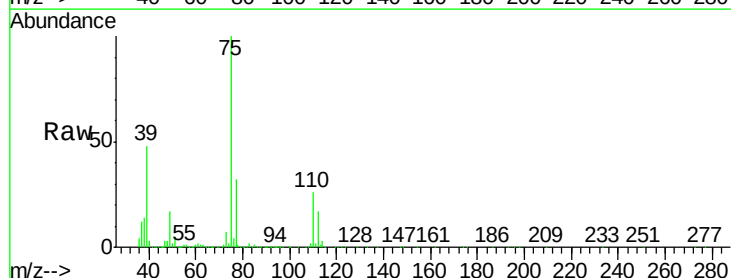
Tgt Ion: 75 Resp: 334527

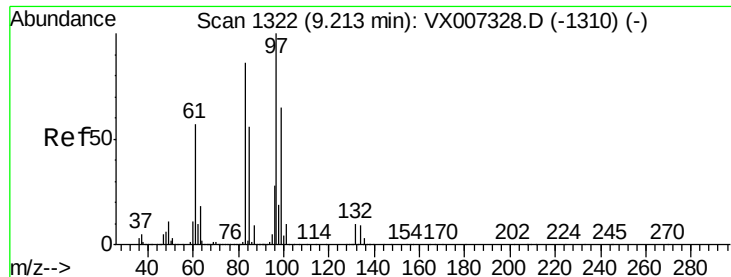
Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.4

39 47.6 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 49.461 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

Tot Ion: 97 Resp: 241999

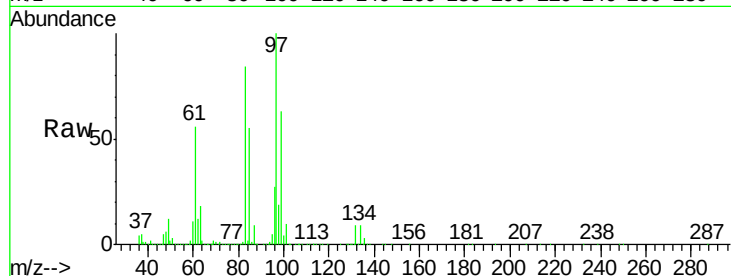
Ion Ratio Lower Upper

97 100

83 84.1 68.6 102.8

85 54.6 44.5 66.7

99 63.2 52.2 78.4

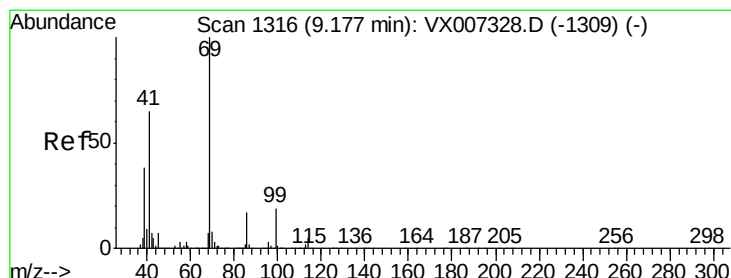
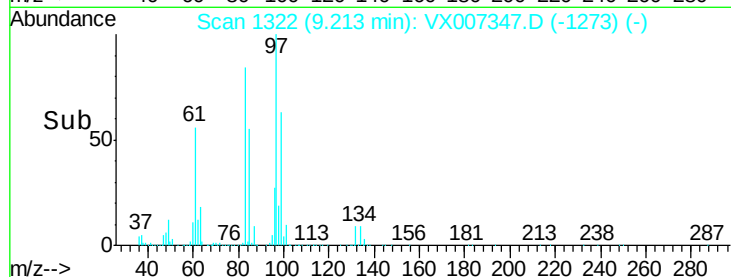
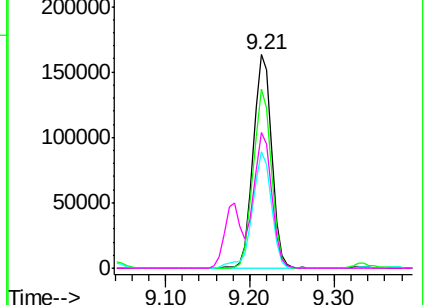


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 51.764 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

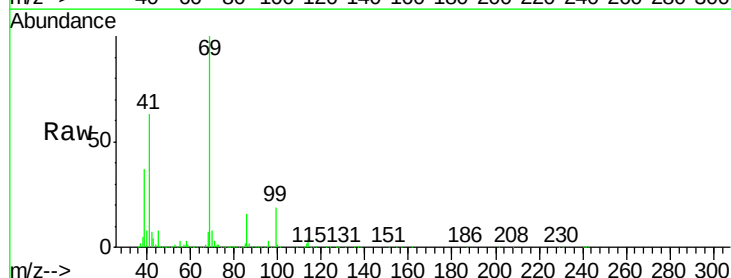
Tgt Ion: 69 Resp: 350778

Ion Ratio Lower Upper

69 100

41 63.3 52.1 78.1

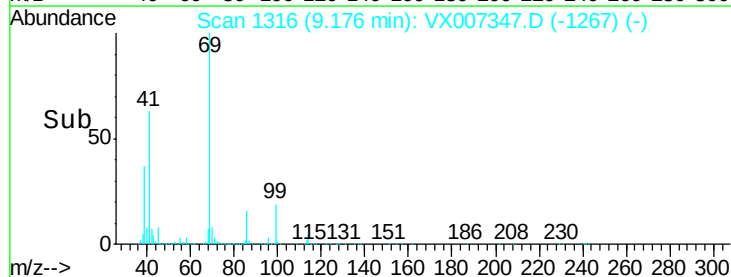
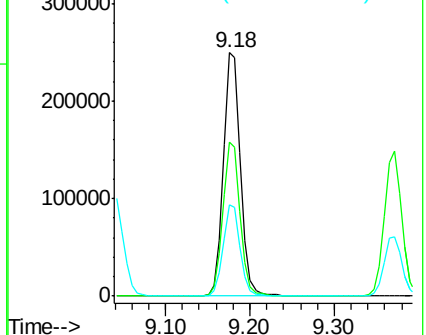
39 37.3 30.1 45.1

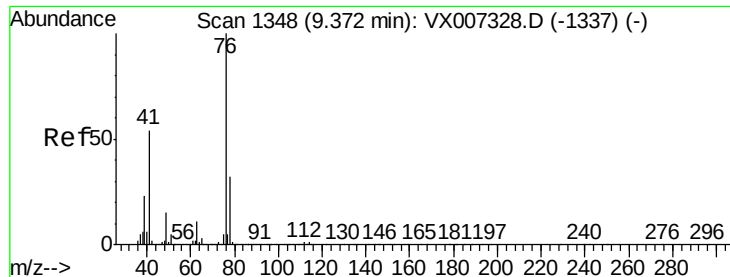


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.184 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

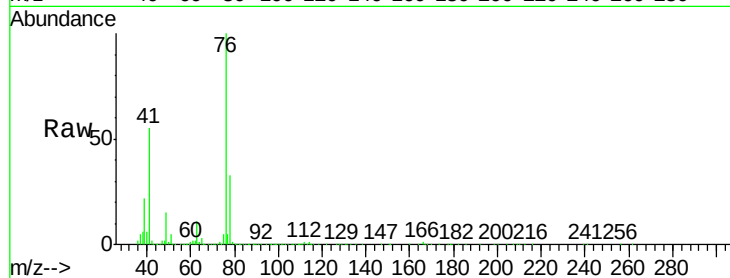
BP-TT-MW202S-20190129MSD

Tot Ion: 76 Resp: 382692

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

250000

200000

150000

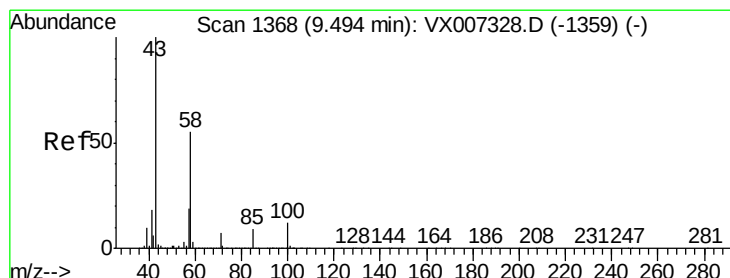
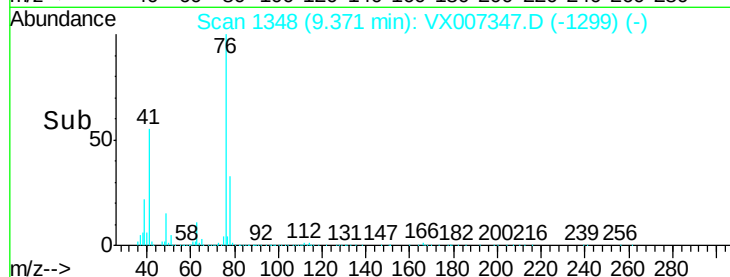
100000

50000

0

9.30 9.40

Time-->



#59

2-Hexanone

Concen: 251.618 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX007347.D

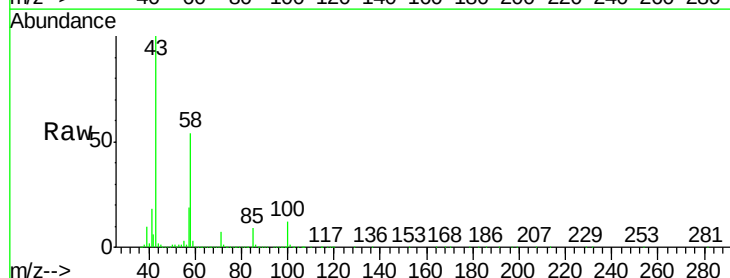
Acq: 01 Feb 2019 19:59

Tgt Ion: 43 Resp: 1242094

Ion Ratio Lower Upper

43 100

58 54.8 27.1 81.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

1000000

800000

600000

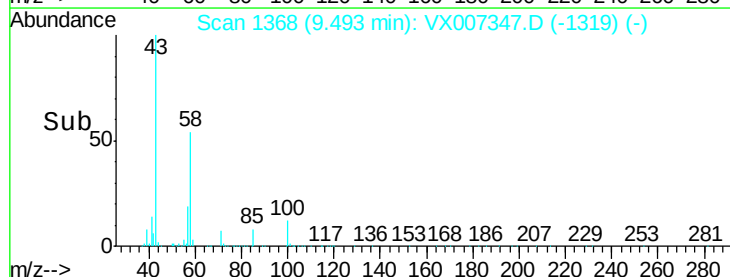
400000

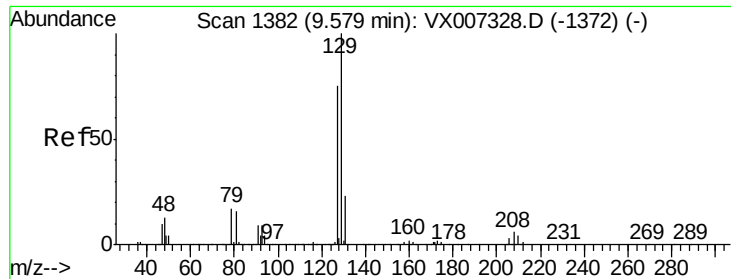
200000

0

9.40 9.50 9.60

Time-->





#60

Dibromochloromethane

Concen: 54.969 ug/l

RT: 9.58 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

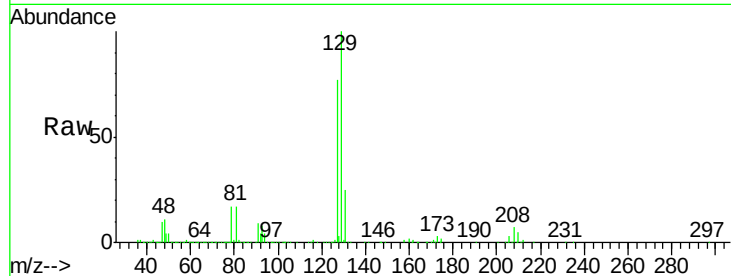
BP-TT-MW202S-20190129MSD

Tot Ion:129 Resp: 254361

Ion Ratio Lower Upper

129 100

127 77.0 37.8 113.4



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

200000

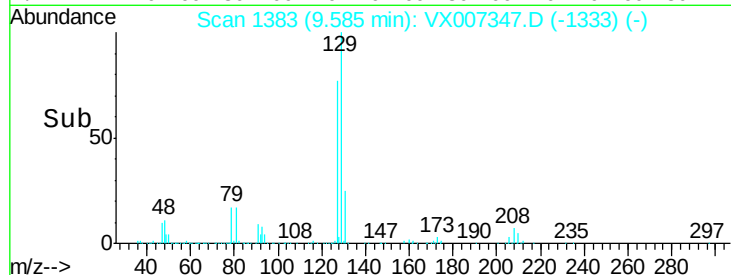
150000

100000

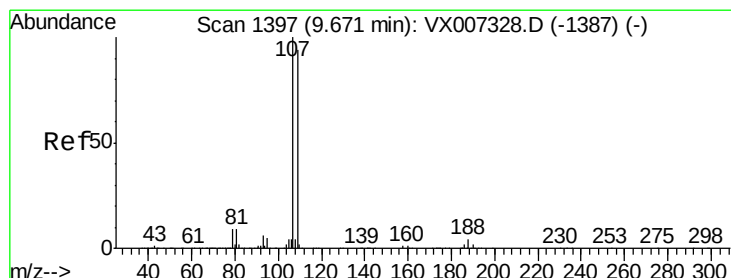
50000

0

9.50 9.55 9.60 9.65



Time-->



#61

1,2-Dibromoethane

Concen: 50.351 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007347.D

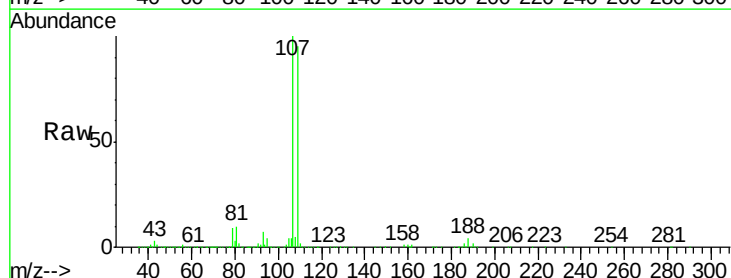
Acq: 01 Feb 2019 19:59

Tgt Ion:107 Resp: 260890

Ion Ratio Lower Upper

107 100

109 94.0 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

200000

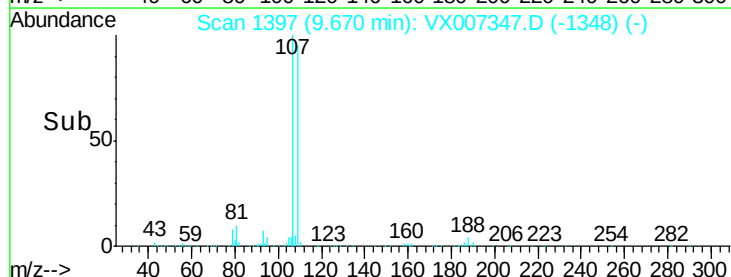
150000

100000

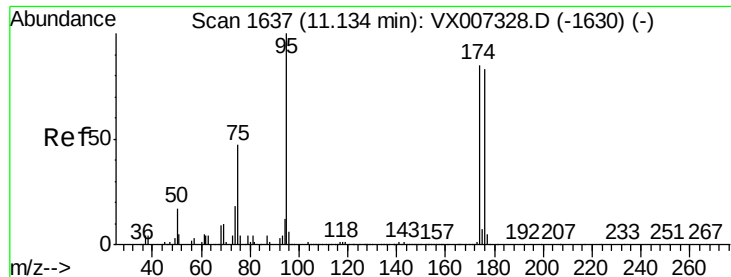
50000

0

9.60 9.65 9.70 9.75



Time-->



#62

4-Bromofluorobenzene

Concen: 48.730 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

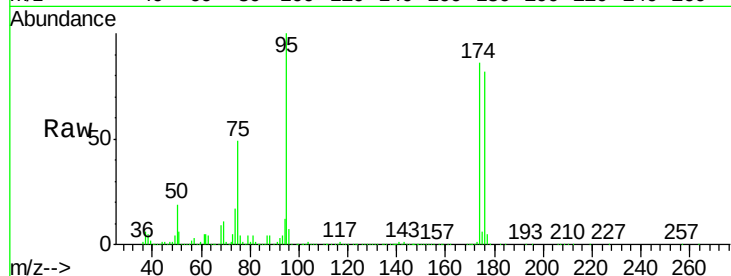
Tot Ion: 95 Resp: 295636

Ion Ratio Lower Upper

95 100

174 94.9 0.0 189.2

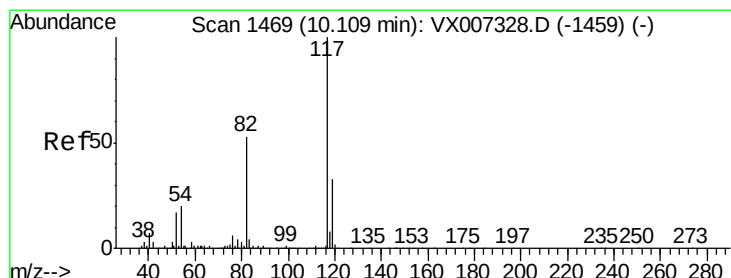
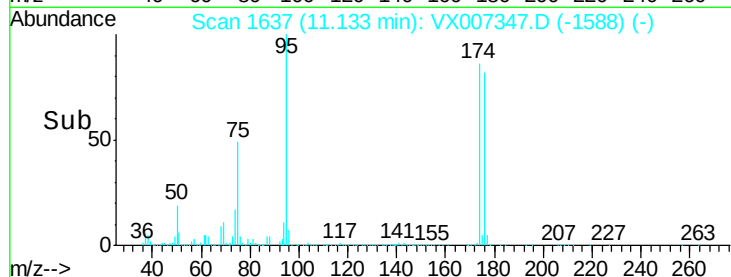
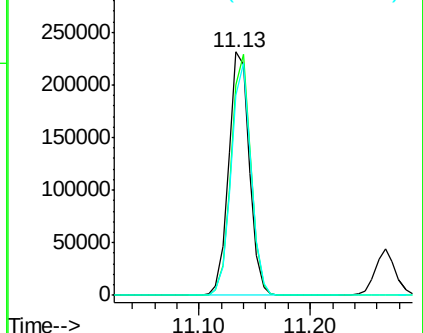
176 92.2 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

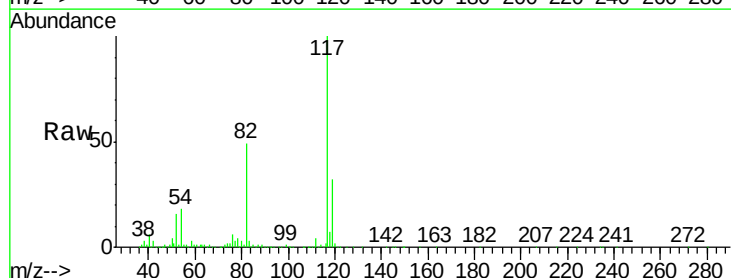
Tgt Ion: 117 Resp: 648593

Ion Ratio Lower Upper

117 100

82 48.9 42.1 63.1

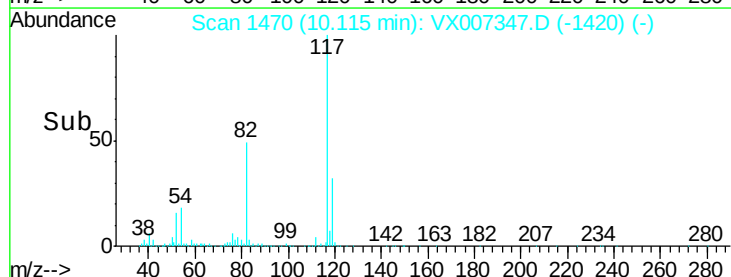
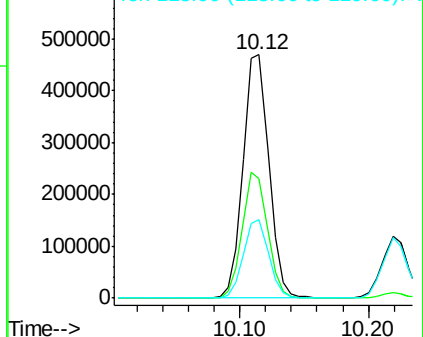
119 32.4 26.5 39.7

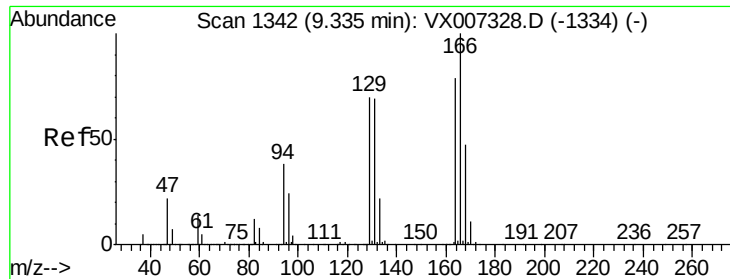


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 43.687 ug/l

RT: 9.33 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

Tot Ion:164 Resp: 267063

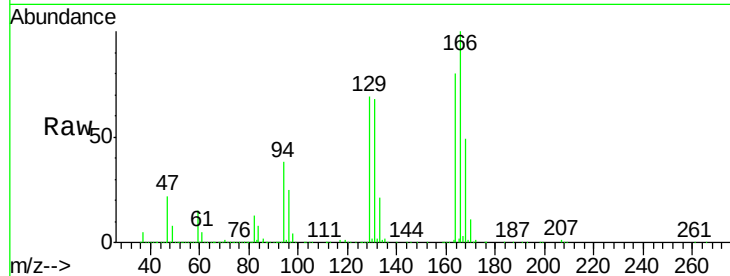
Ion Ratio Lower Upper

164 100

166 124.4 101.0 151.4

129 86.0 70.5 105.7

131 85.1 69.8 104.6

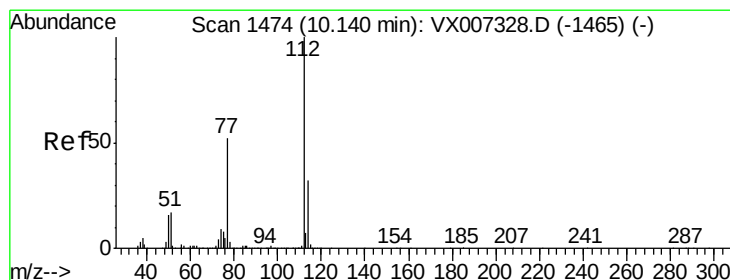
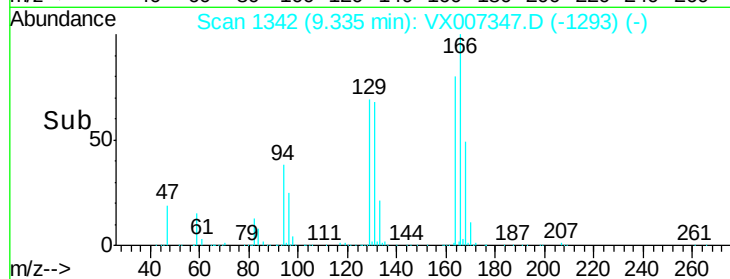
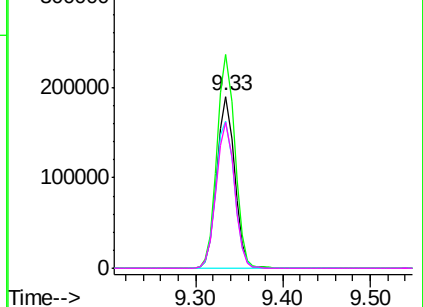


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 47.066 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007347.D

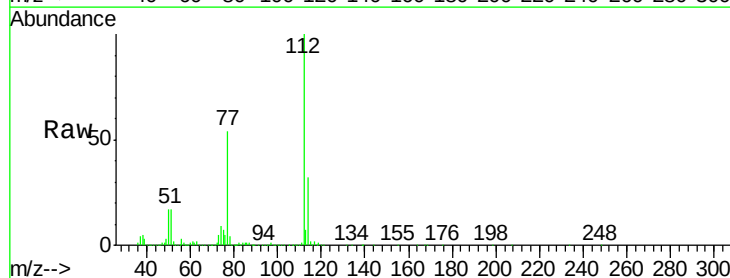
Acq: 01 Feb 2019 19:59

Tgt Ion:112 Resp: 666154

Ion Ratio Lower Upper

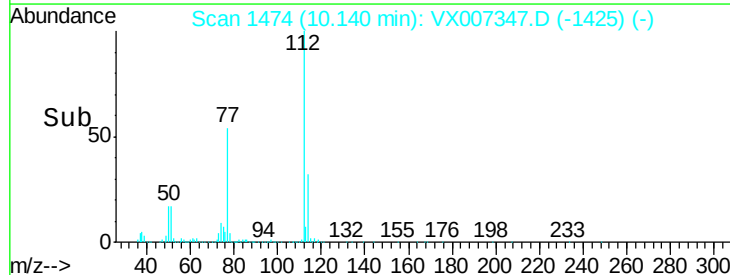
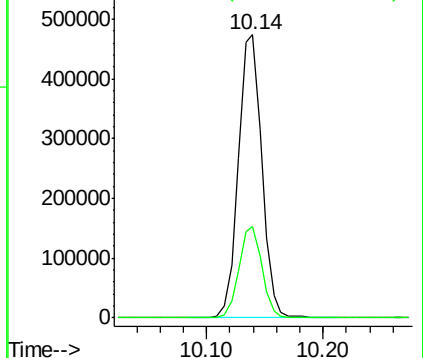
112 100

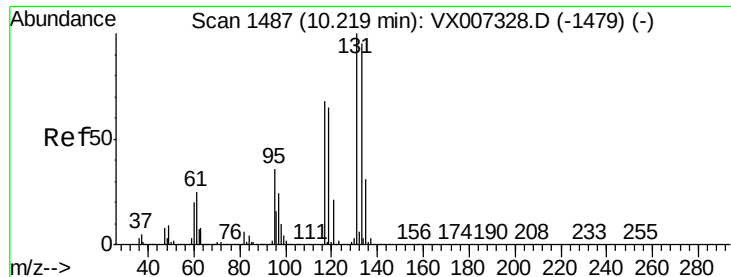
114 32.2 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 50.873 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

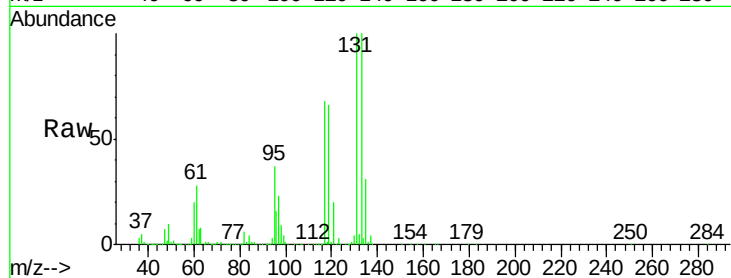
Tot Ion:131 Resp: 241408

Ion Ratio Lower Upper

131 100

133 95.7 48.0 144.2

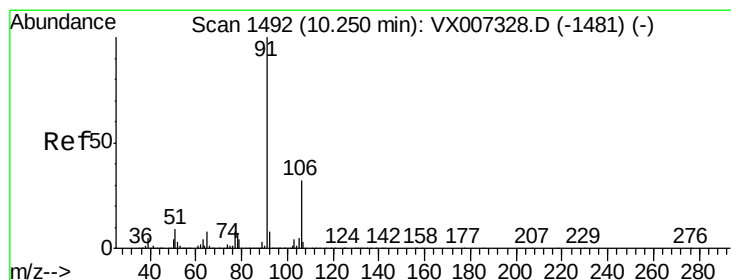
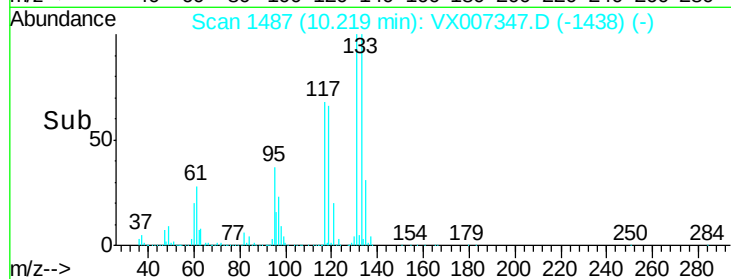
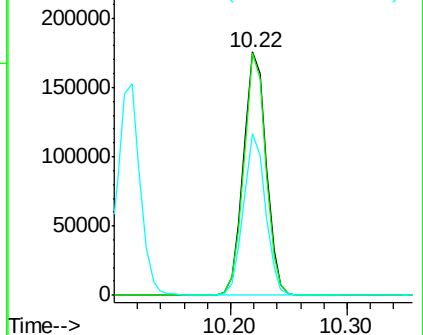
119 64.1 32.0 96.0



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: 48.414 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007347.D

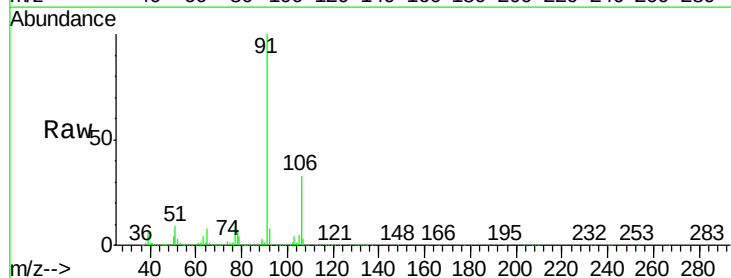
Acq: 01 Feb 2019 19:59

Tgt Ion: 91 Resp: 1103484

Ion Ratio Lower Upper

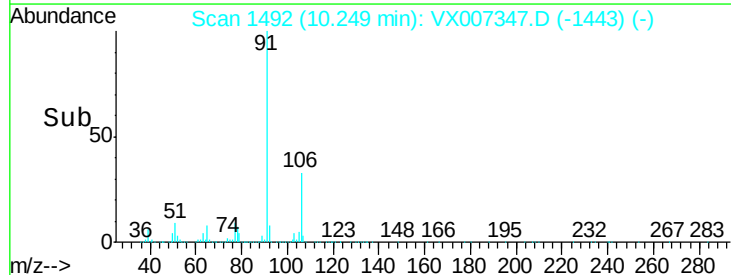
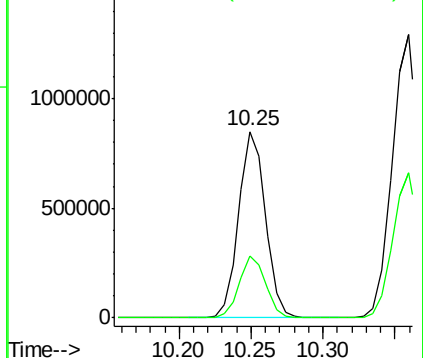
91 100

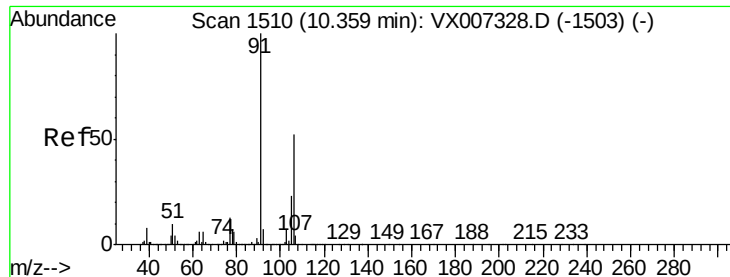
106 33.3 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

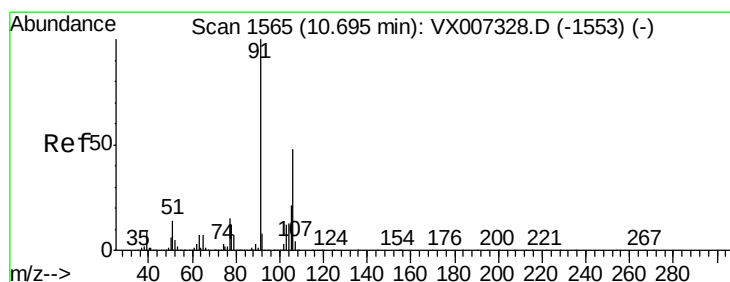
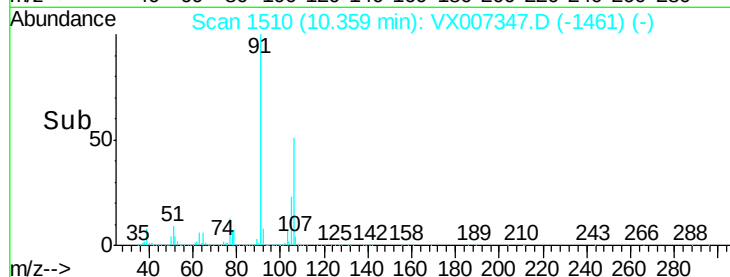
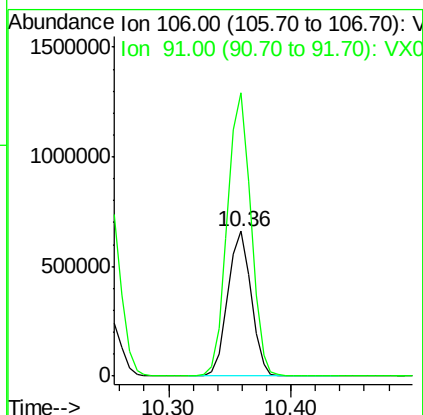
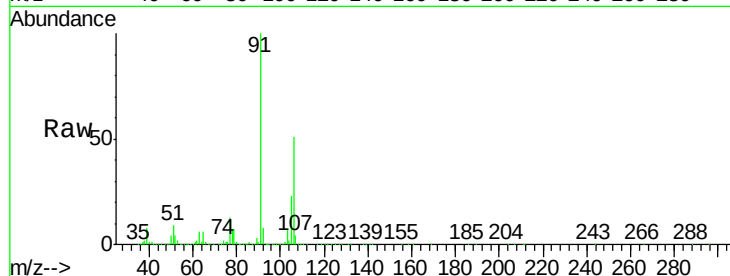




#68
m/p-Xylenes
Concen: 96.219 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

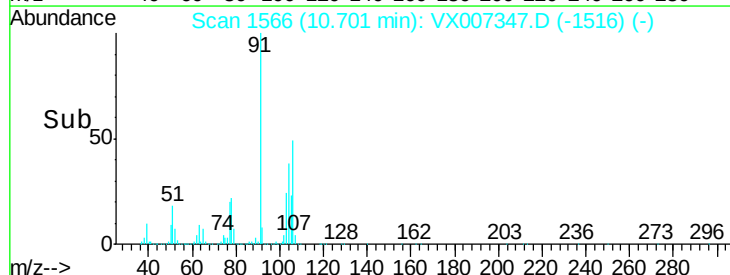
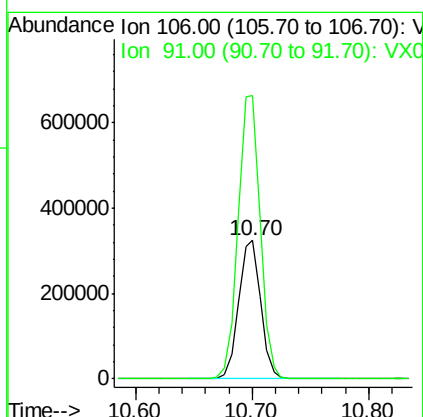
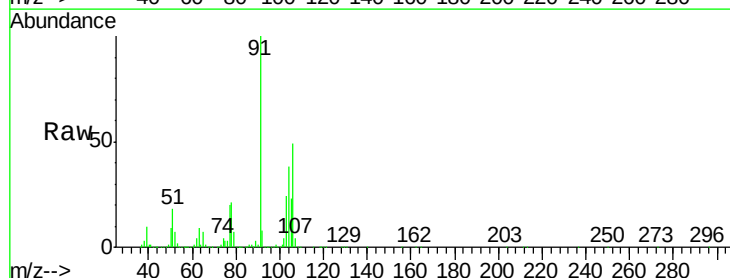
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MSD

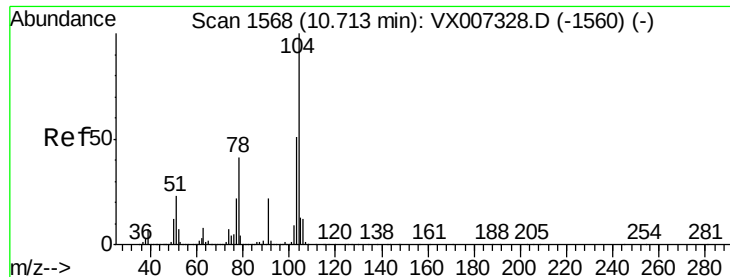
Tot Ion:106 Resp: 871775
Ion Ratio Lower Upper
106 100
91 197.4 156.6 234.8



#69
o-Xylene
Concen: 48.887 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

Tgt Ion:106 Resp: 426211
Ion Ratio Lower Upper
106 100
91 207.1 102.9 308.7





#70

Stvrene

Concen: 48.850 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

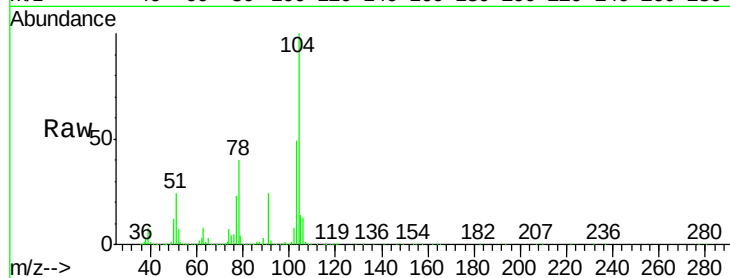
Tot Ion:104 Resp: 690691

Ion Ratio Lower Upper

104 100

78 47.5 38.3 57.5

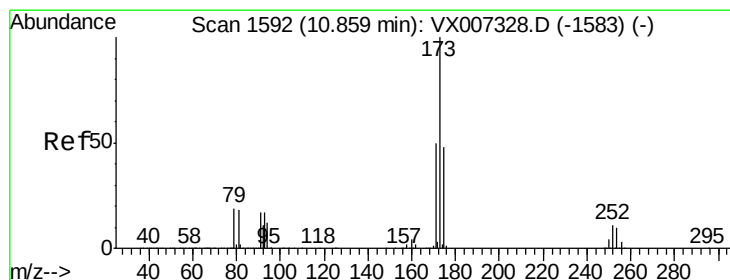
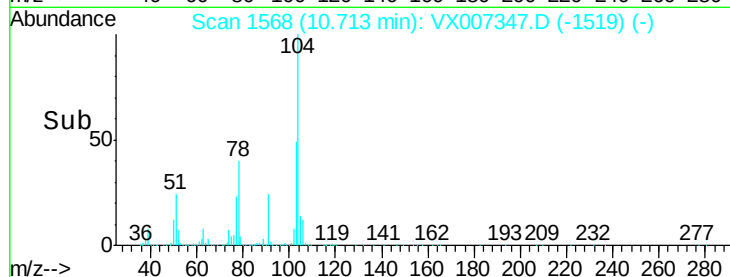
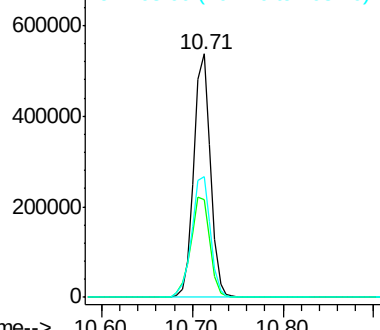
103 55.7 44.6 67.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 46.727 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

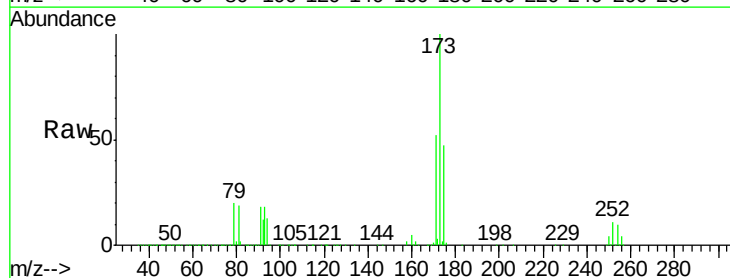
Tgt Ion:173 Resp: 193284

Ion Ratio Lower Upper

173 100

175 47.7 24.2 72.6

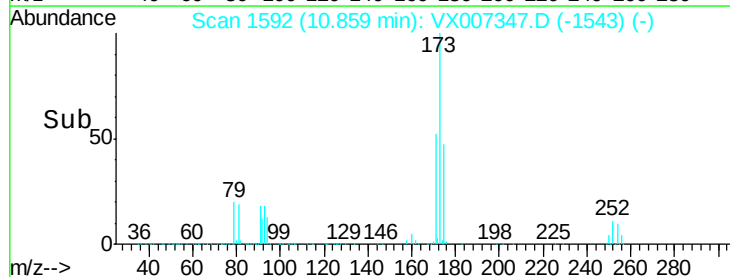
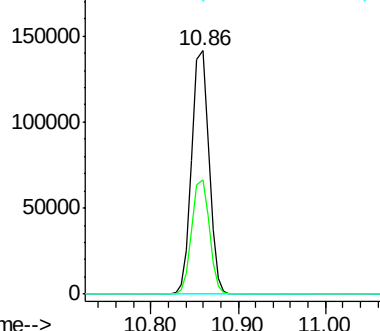
254 0.2 0.2 0.2

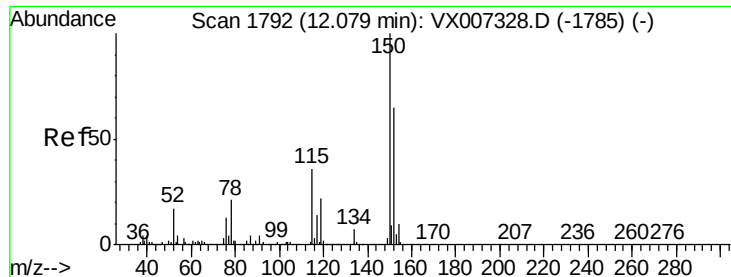


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

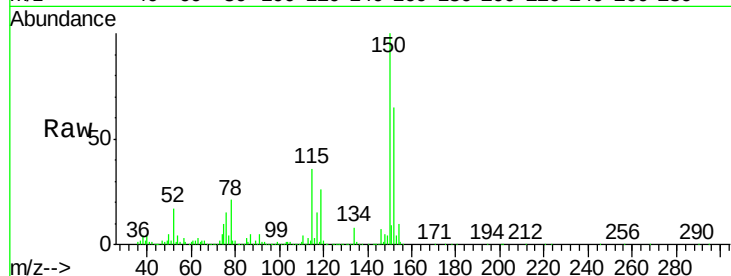




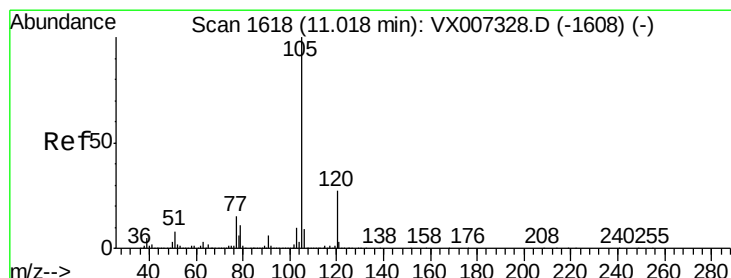
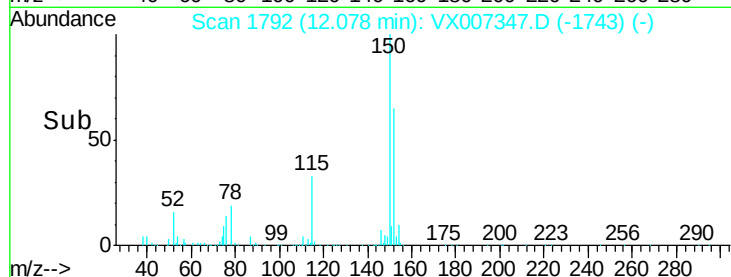
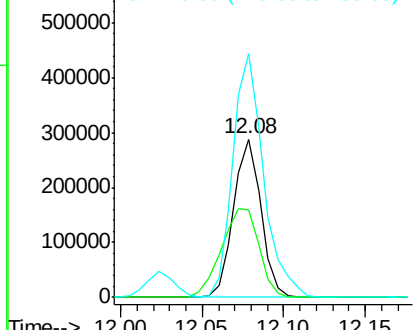
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW202S-20190129MSD

Tot Ion	Ratio	Lower	Upper
152	100		
115	76.9	38.0	114.0
150	172.5	0.0	346.4

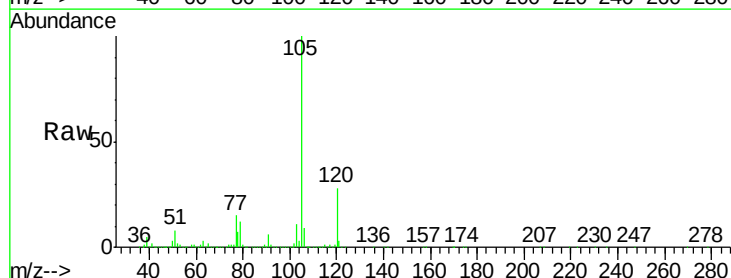


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

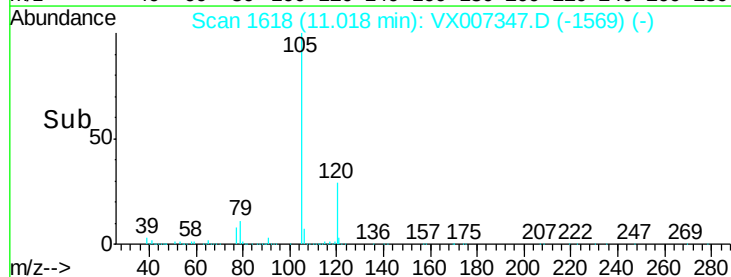
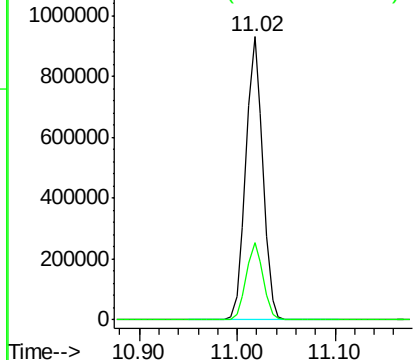


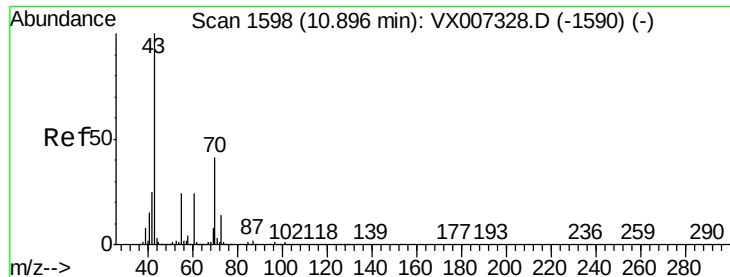
#73
 Isopropylbenzene
 Concen: 49.134 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.6	40.7



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 46.279 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

Tot Ion: 43 Resp: 409475

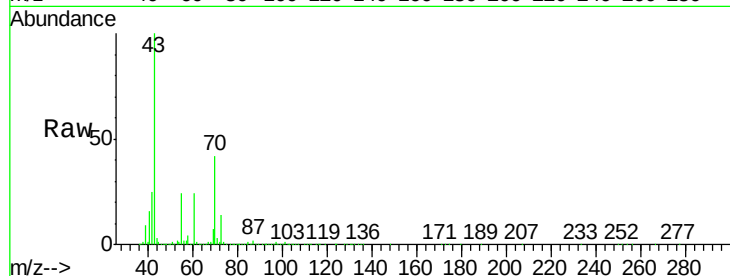
Ion Ratio Lower Upper

43 100

70 43.8 33.8 50.6

55 24.7 19.5 29.3

61 24.4 19.4 29.2

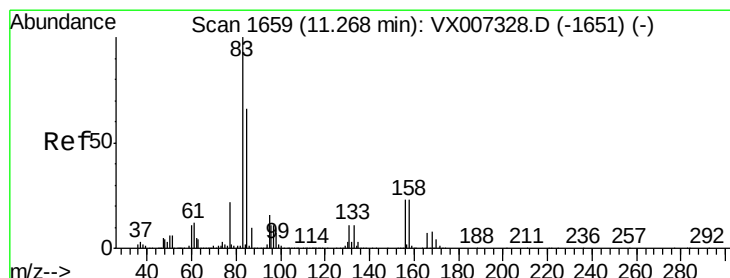
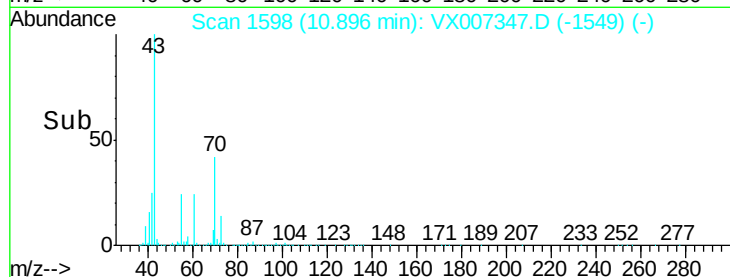
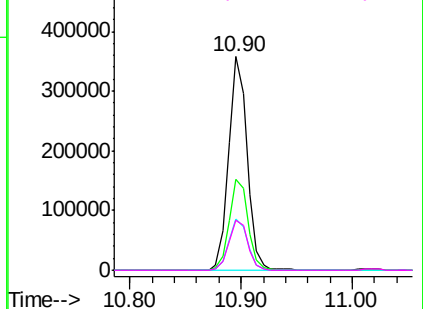


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.650 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

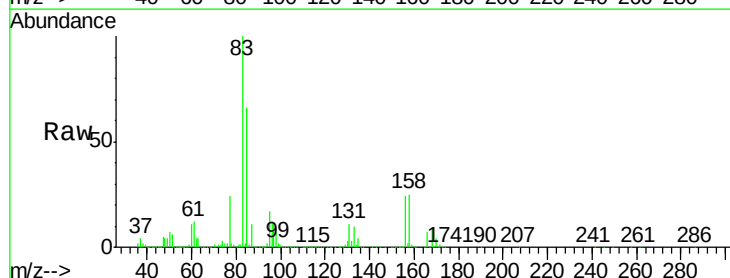
Tgt Ion: 83 Resp: 346138

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.0

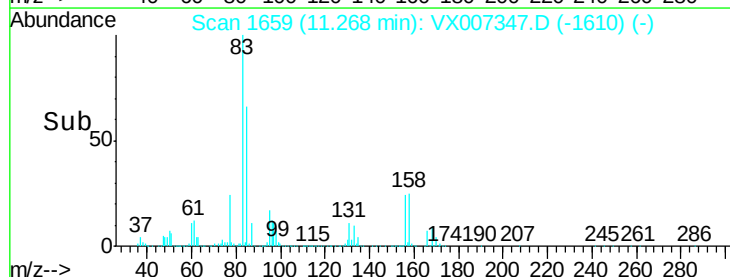
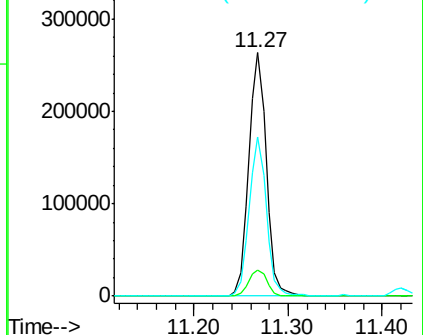
85 64.5 32.8 98.3

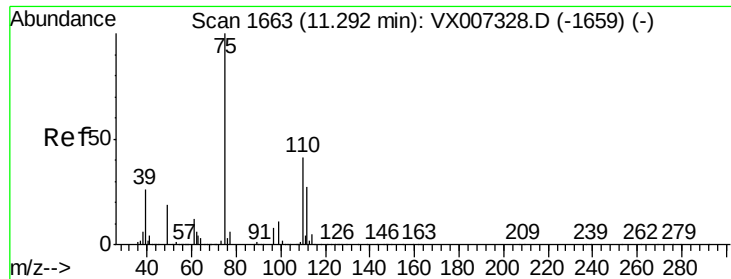


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 61.041 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

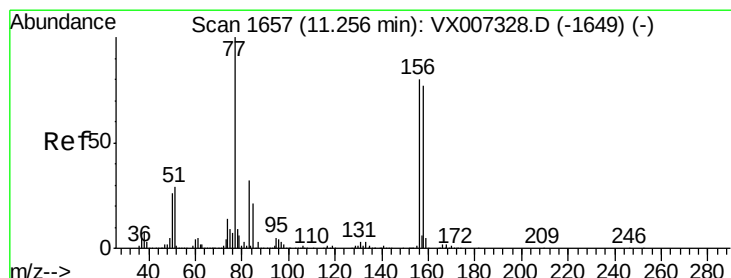
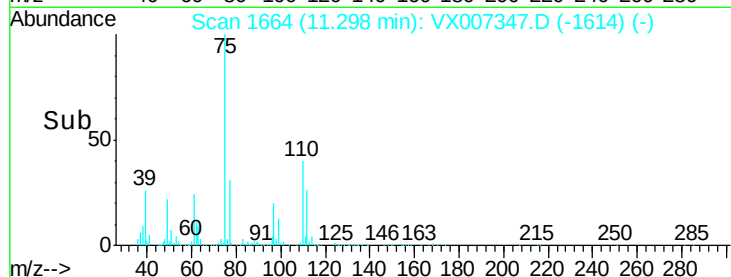
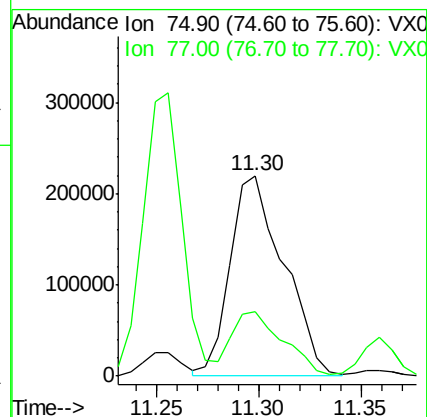
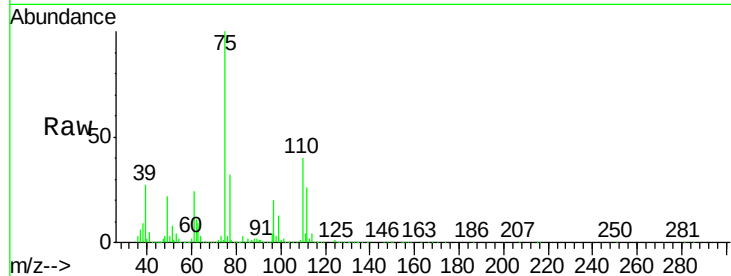
BP-TT-MW202S-20190129MSD

Tot Ion: 75 Resp: 399684

Ion Ratio Lower Upper

75 100

77 30.6 23.0 69.0



#77

Bromobenzene

Concen: 48.216 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

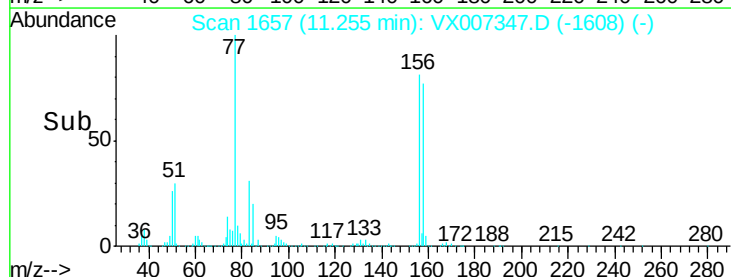
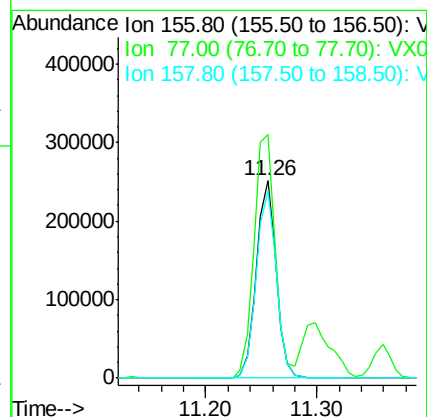
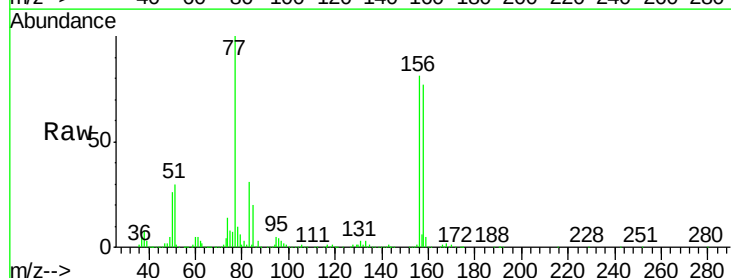
Tgt Ion: 156 Resp: 310769

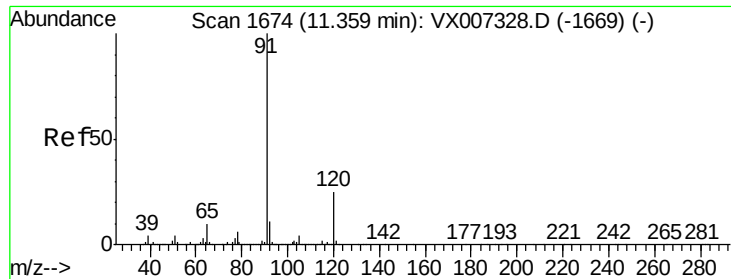
Ion Ratio Lower Upper

156 100

77 132.5 66.8 200.6

158 96.6 47.9 143.8





#78

n-propylbenzene

Concen: 50.436 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

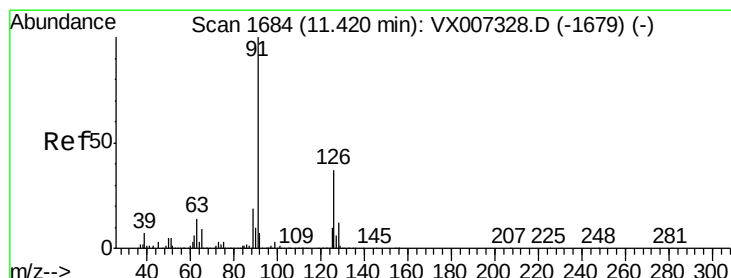
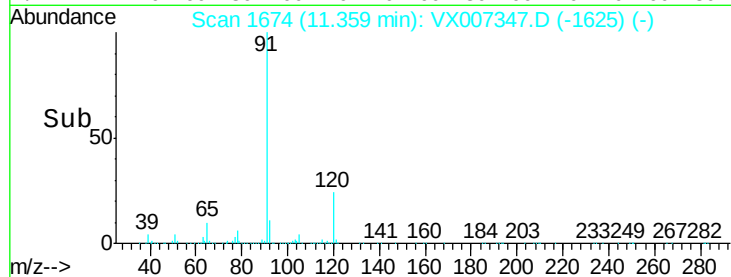
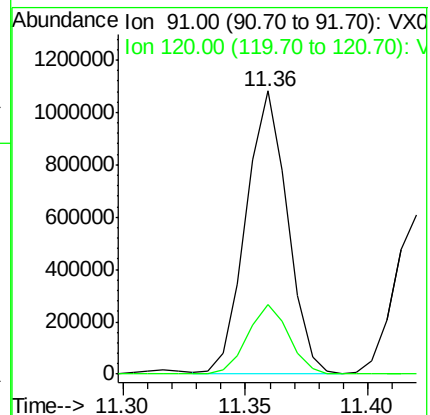
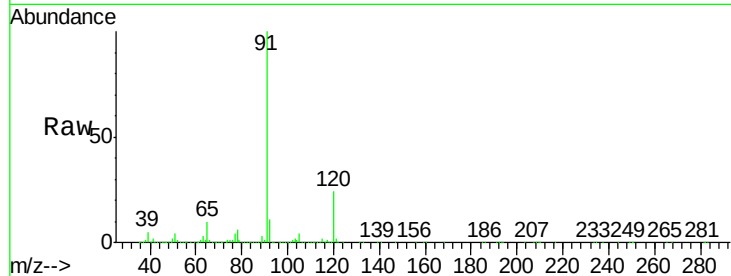
BP-TT-MW202S-20190129MSD

Tot Ion: 91 Resp: 1265176

Ion Ratio Lower Upper

91 100

120 24.7 12.4 37.2



#79

2-Chlorotoluene

Concen: 48.560 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007347.D

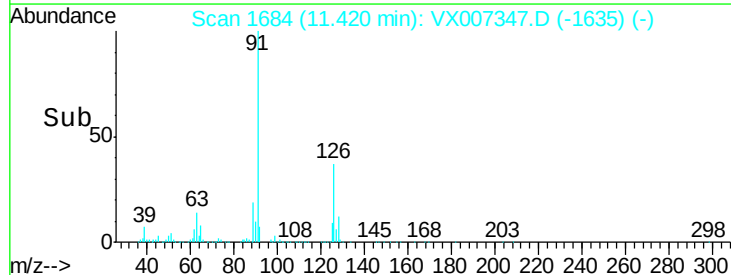
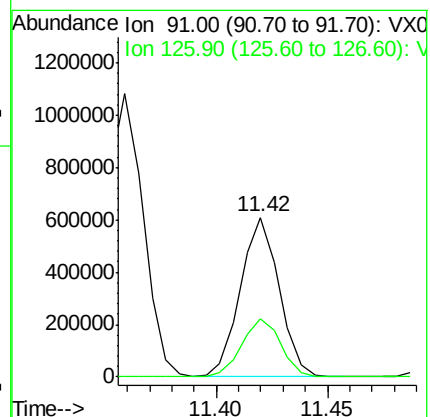
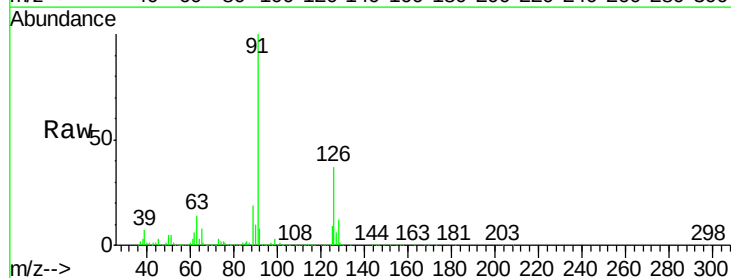
Acq: 01 Feb 2019 19:59

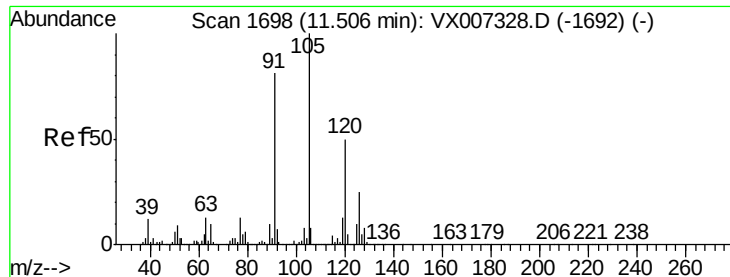
Tgt Ion: 91 Resp: 739121

Ion Ratio Lower Upper

91 100

126 37.1 18.7 56.1





#80

1,3,5-Trimethylbenzene

Concen: 49.779 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

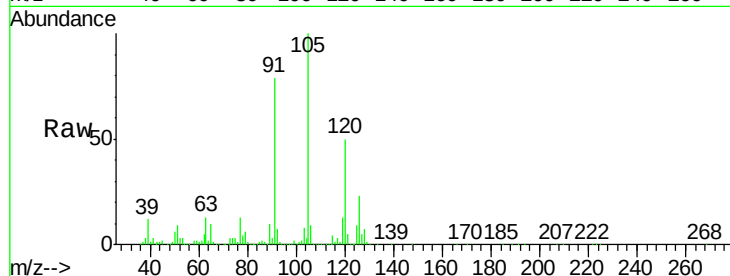
BP-TT-MW202S-20190129MSD

Tot Ion:105 Resp: 931619

Ion Ratio Lower Upper

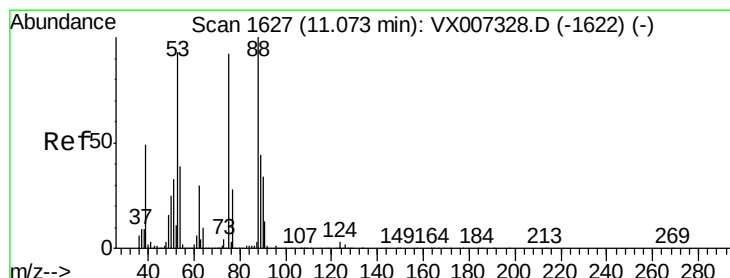
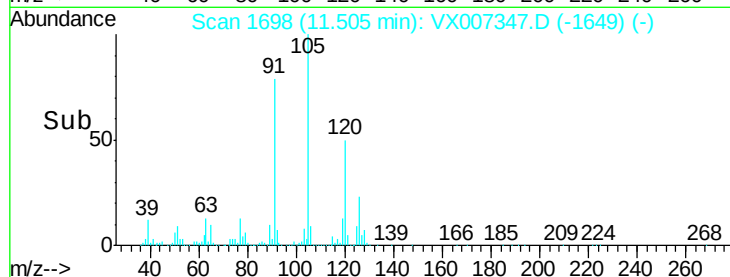
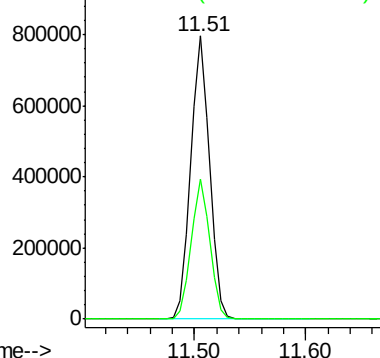
105 100

120 49.2 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 46.482 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

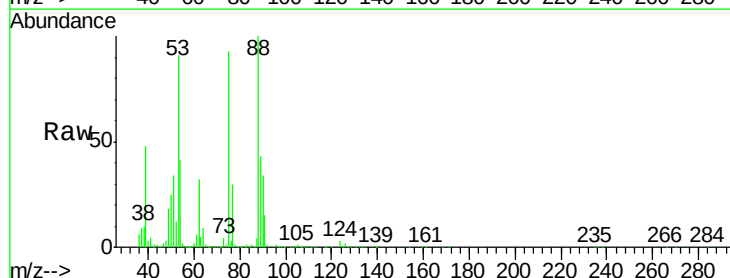
Tgt Ion: 75 Resp: 97779

Ion Ratio Lower Upper

75 100

53 99.7 81.0 121.6

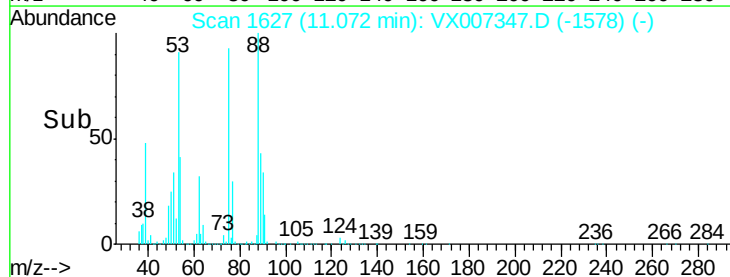
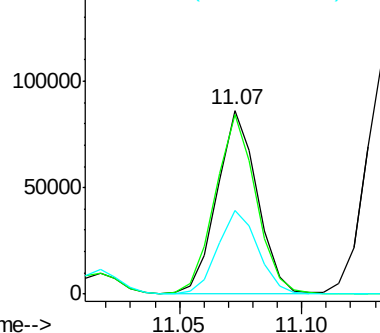
89 46.6 41.4 62.0

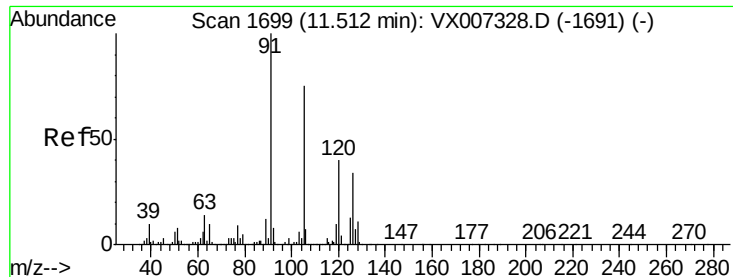


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 48.727 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

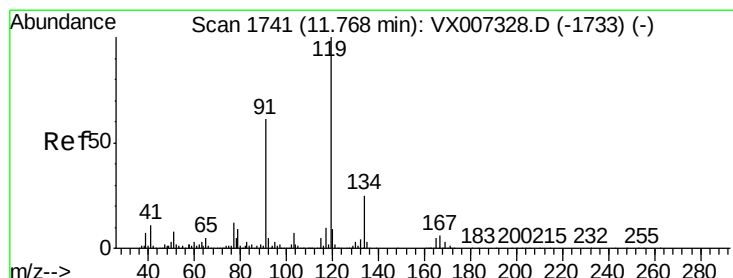
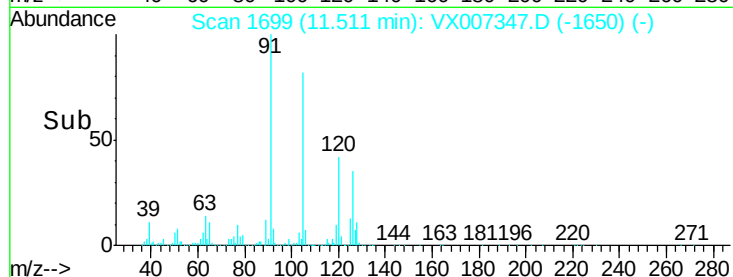
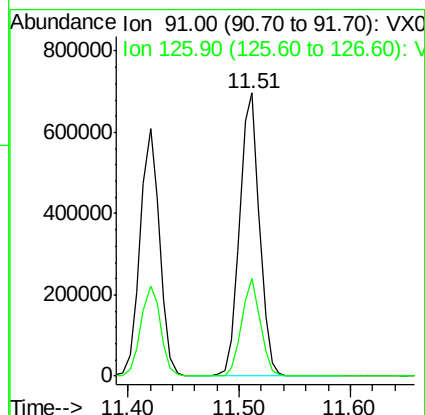
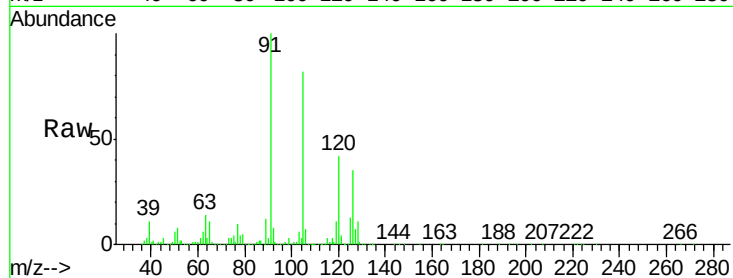
BP-TT-MW202S-20190129MSD

Tot Ion: 91 Resp: 858187

Ion Ratio Lower Upper

91 100

126 32.8 16.2 48.5



#83

tert-Butylbenzene

Concen: 50.738 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

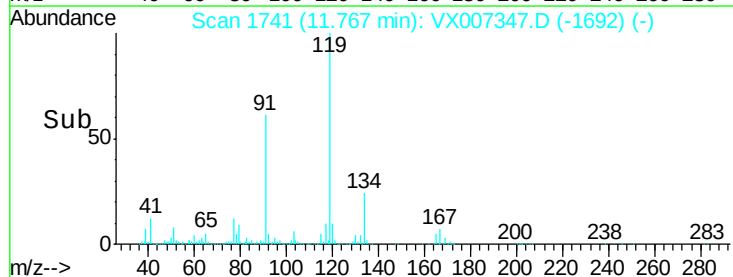
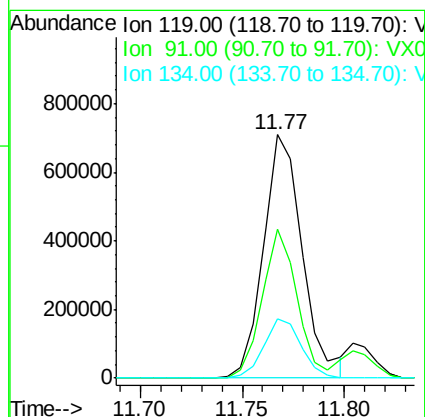
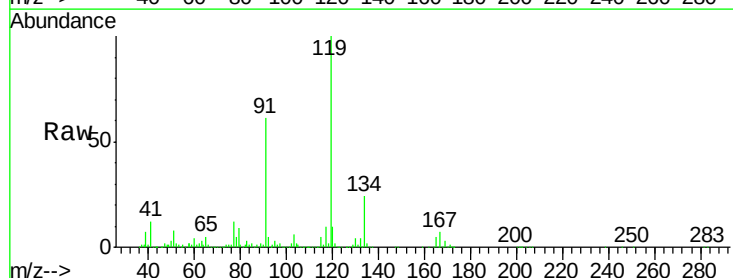
Tgt Ion: 119 Resp: 940126

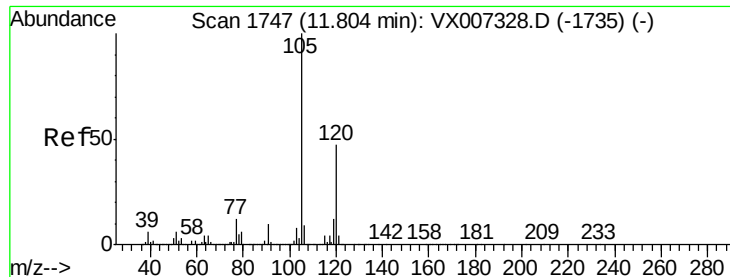
Ion Ratio Lower Upper

119 100

91 55.2 28.5 85.6

134 23.3 12.0 36.0

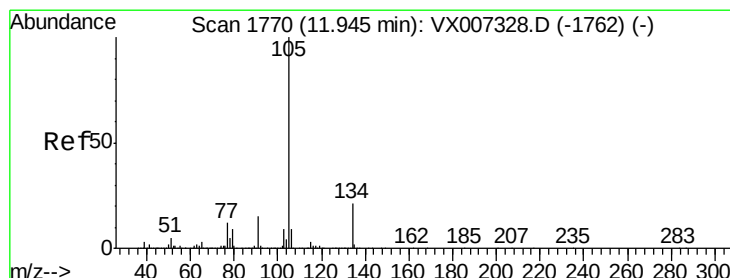
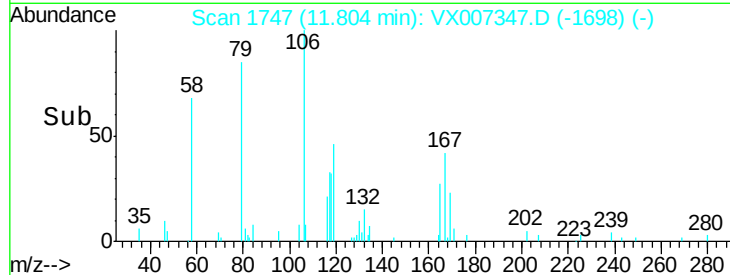
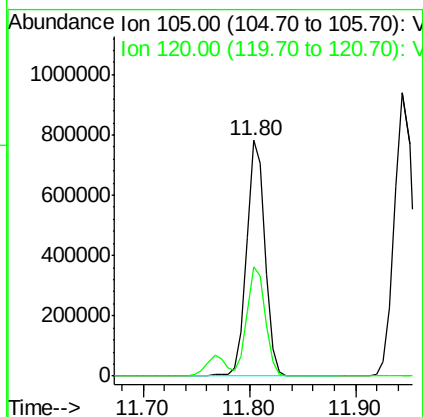
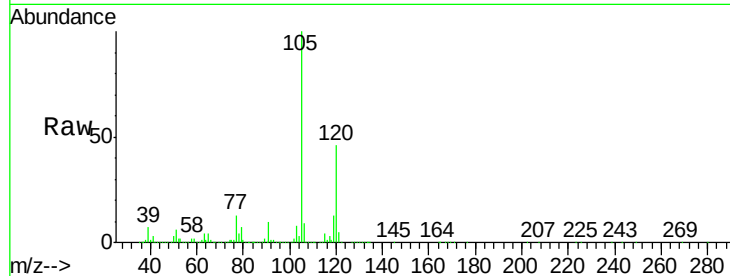




#84
 1,2,4-Trimethylbenzene
 Concen: 49.828 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

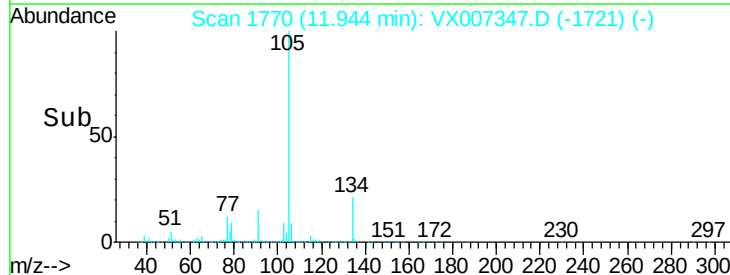
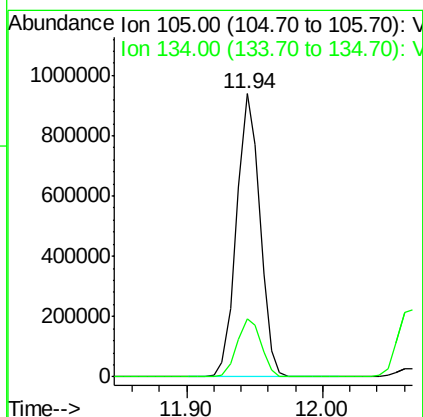
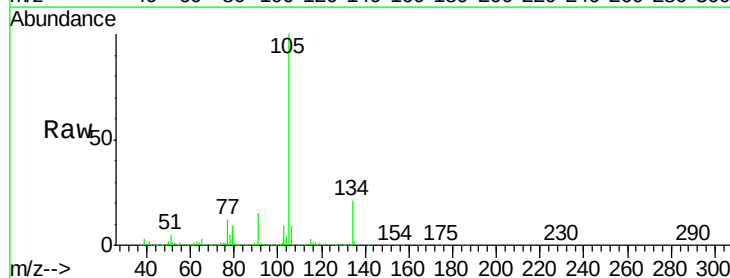
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW202S-20190129MSD

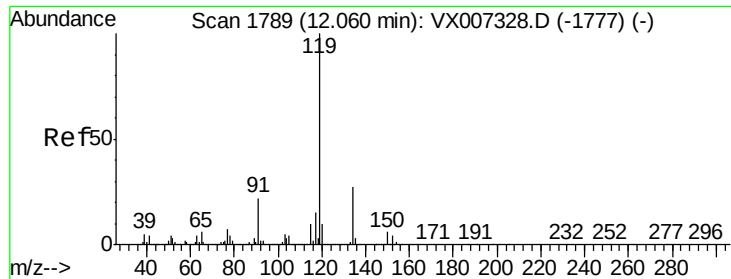
Tot Ion:105 Resp: 946747
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.3



#85
 sec-Butylbenzene
 Concen: 49.979 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

Tgt Ion:105 Resp: 1120834
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.6 31.8

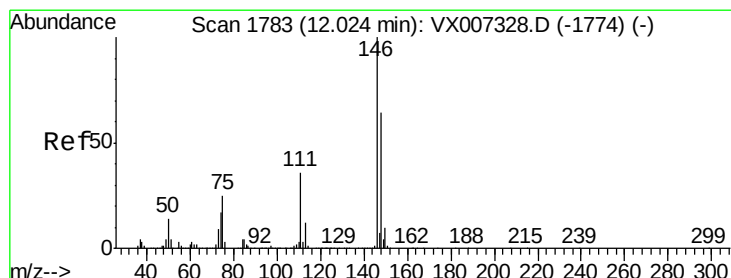
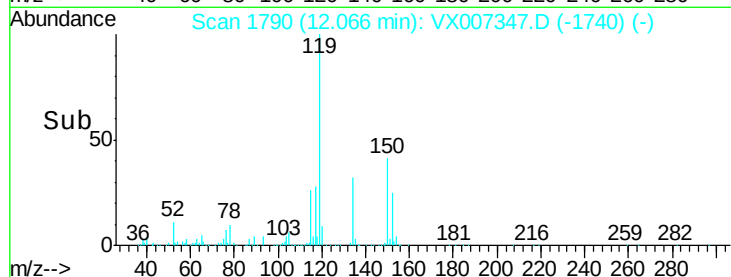
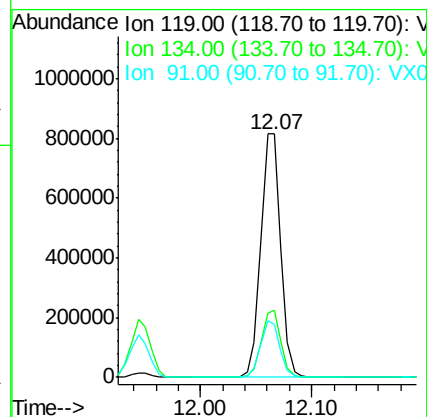
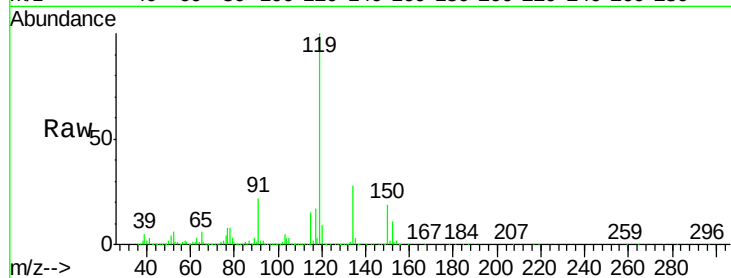




#86
 p-Isopropyltoluene
 Concen: 50.094 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

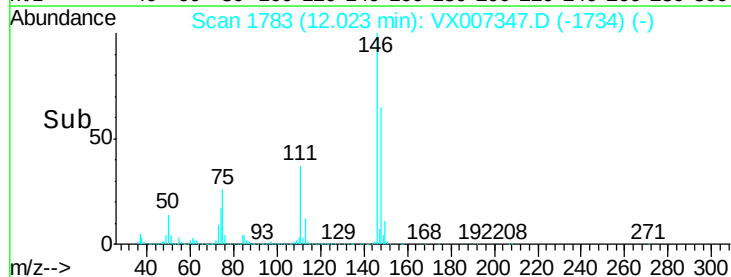
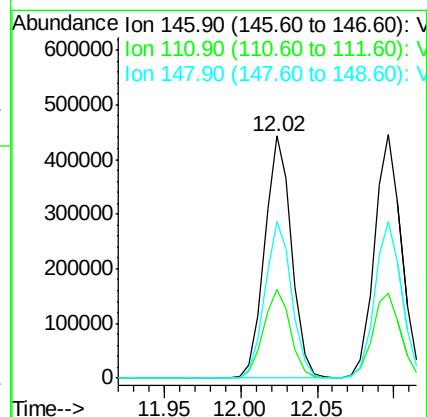
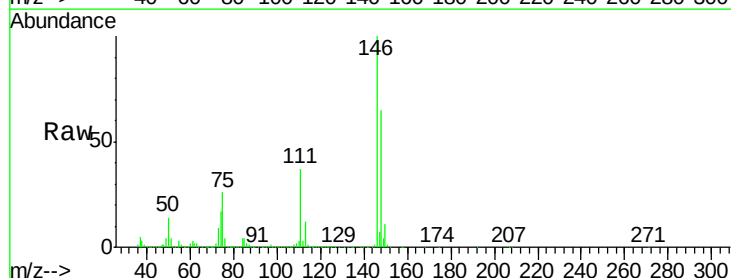
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW202S-20190129MSD

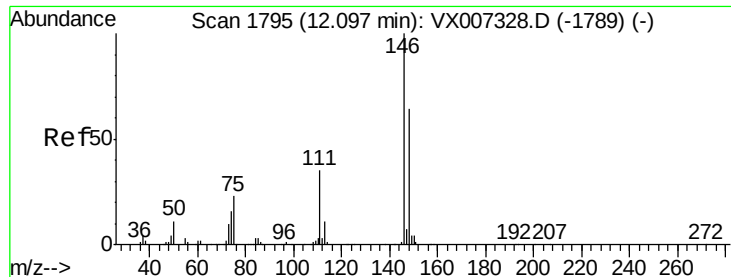
Tot Ion:119 Resp: 1014090
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.7 41.1
 91 22.5 11.2 33.5



#87
 1,3-Dichlorobenzene
 Concen: 46.841 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

Tgt Ion:146 Resp: 541822
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.1 54.1
 148 64.4 32.0 96.2

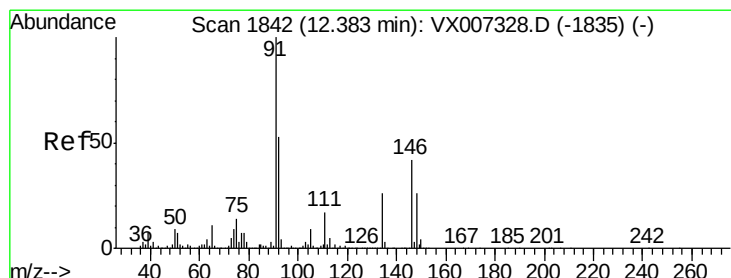
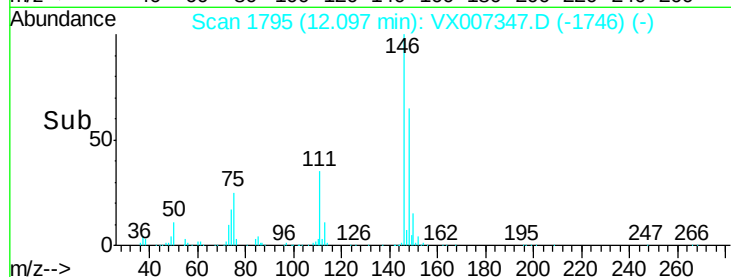
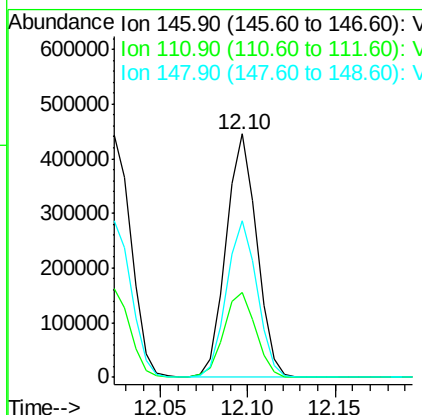
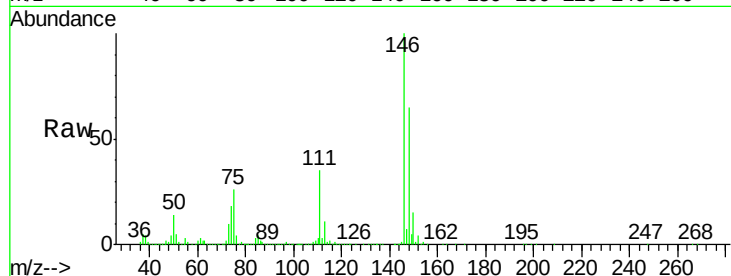




#88
 1,4-Dichlorobenzene
 Concen: 46.191 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

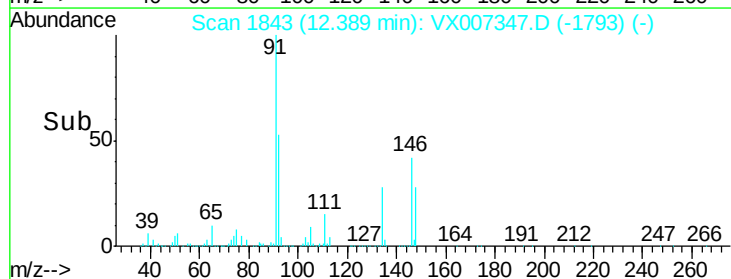
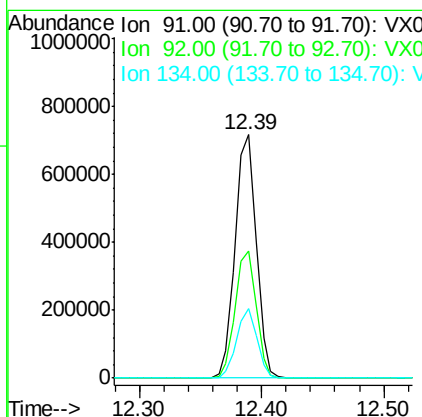
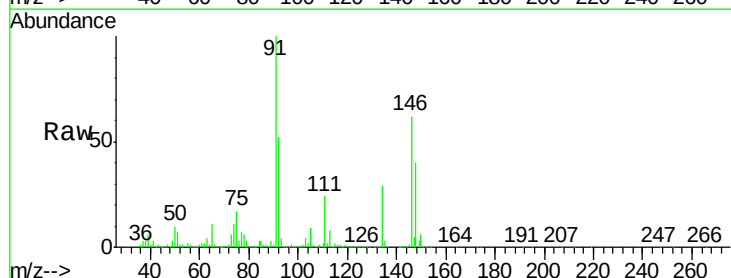
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW202S-20190129MSD

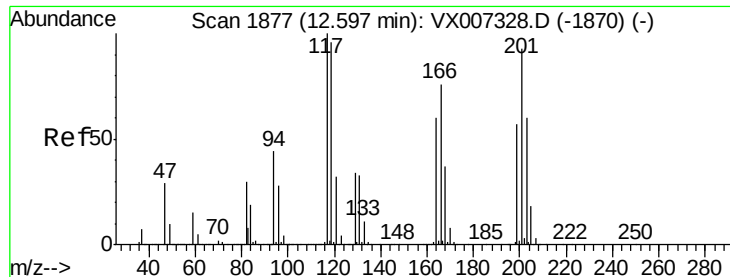
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.1	54.1
148	64.7	32.3	96.9



#89
 n-Butylbenzene
 Concen: 48.756 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.3	78.9
134	27.8	13.9	41.6





#90

Hexachloroethane

Concen: 53.876 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

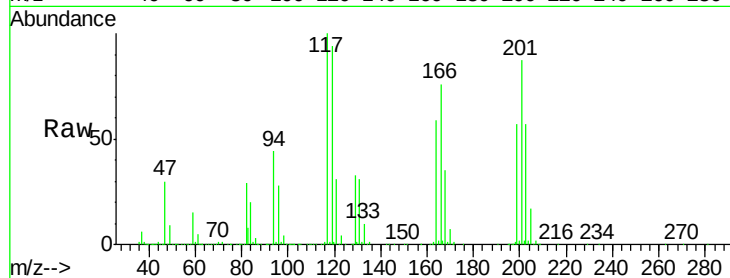
BP-TT-MW202S-20190129MSD

Tot Ion:117 Resp: 163230

Ion Ratio Lower Upper

117 100

201 87.9 44.9 134.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.60

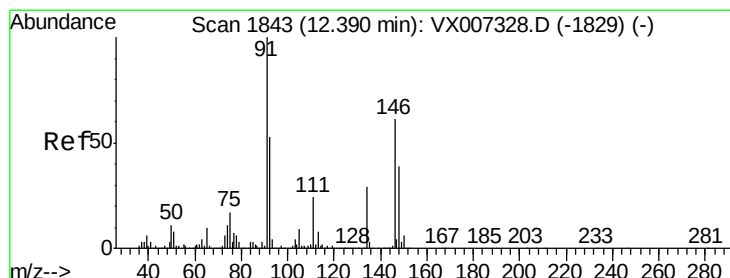
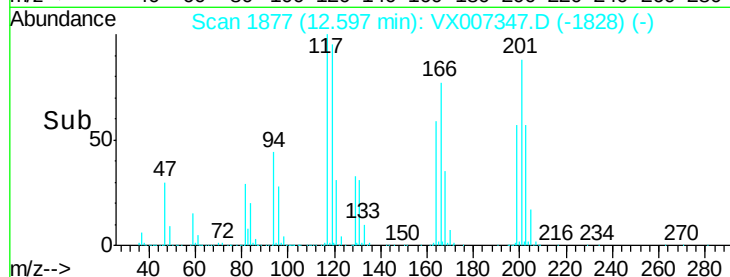
150000

100000

50000

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 46.869 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

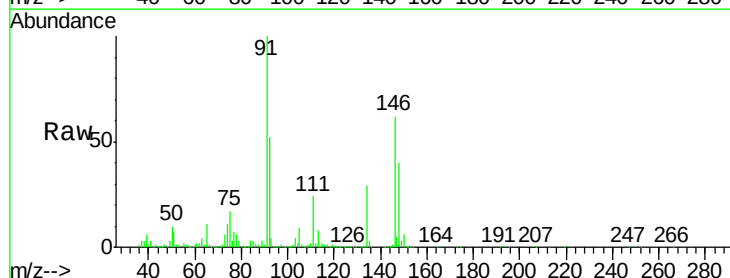
Tgt Ion:146 Resp: 539532

Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.3

148 64.7 32.1 96.3



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

600000

500000

400000

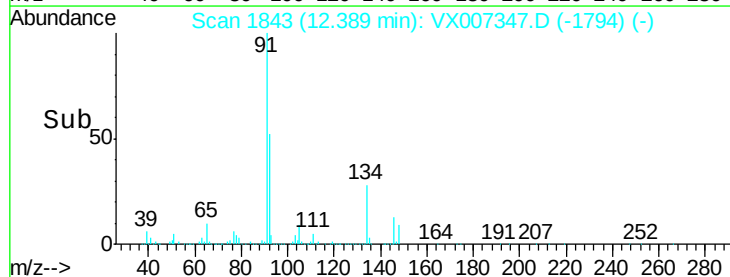
300000

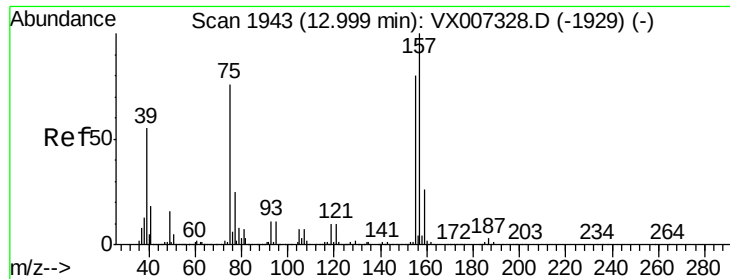
200000

100000

0

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.583 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

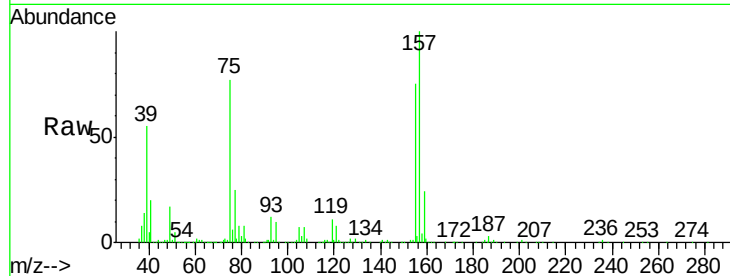
MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

Tot Ion: 75 Resp: 73325

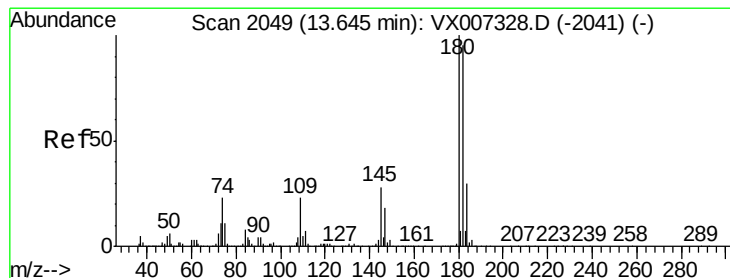
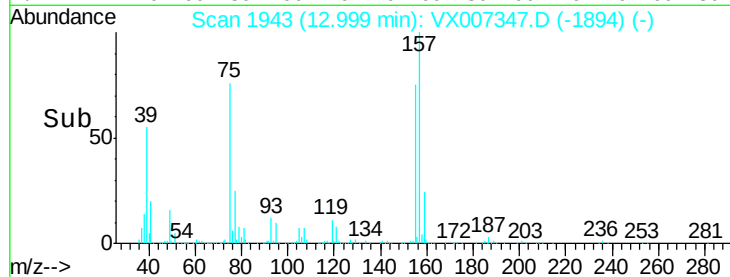
Ion	Ratio	Lower	Upper
75	100		
155	102.2	49.6	149.0
157	133.1	65.1	195.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 47.661 ug/l

RT: 13.65 min Scan# 2049

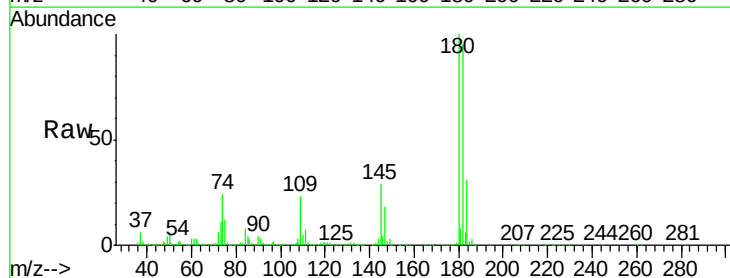
Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Tgt Ion:180 Resp: 370003

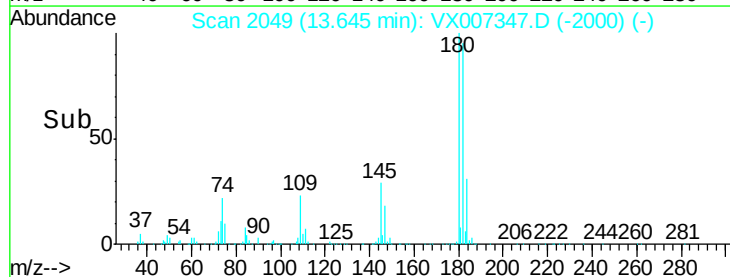
Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.8	143.3
145	28.5	14.1	42.2

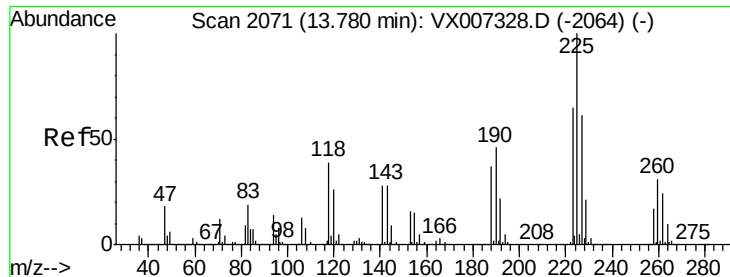


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 45.686 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

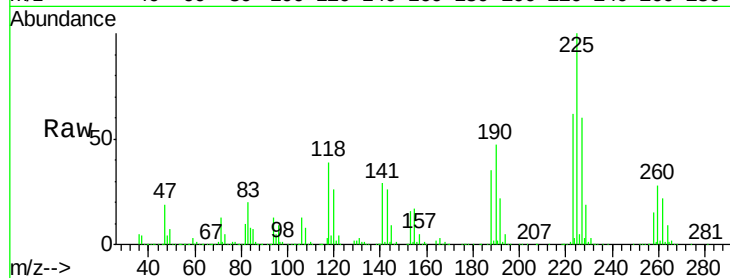
Tot Ion:225 Resp: 172219

Ion Ratio Lower Upper

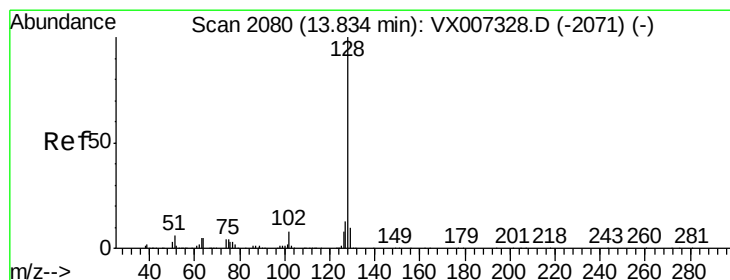
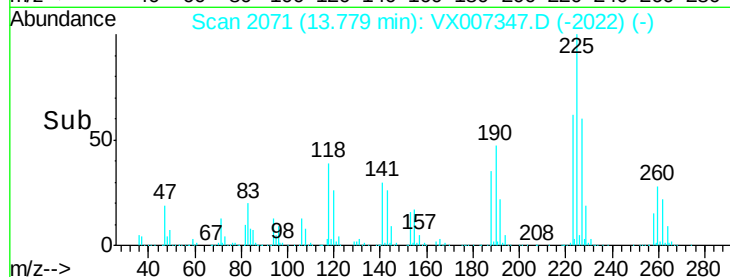
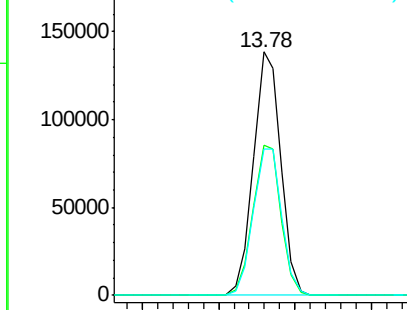
225 100

223 62.9 31.6 94.8

227 62.5 32.1 96.3



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: 50.455 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

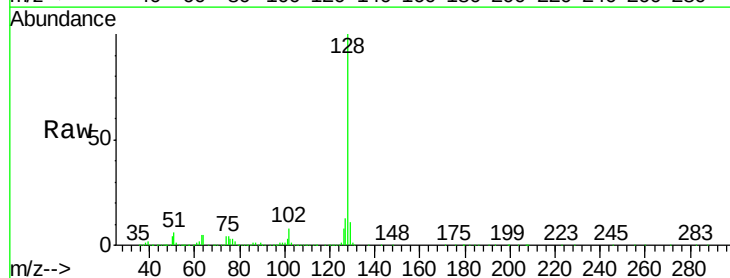
Tgt Ion:128 Resp: 1145434

Ion Ratio Lower Upper

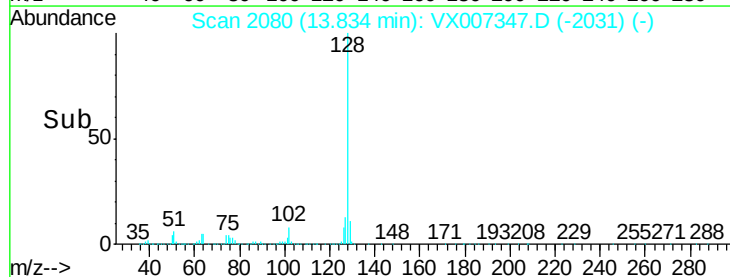
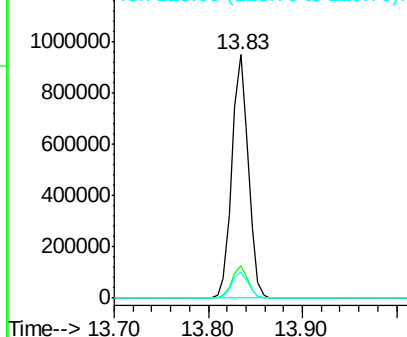
128 100

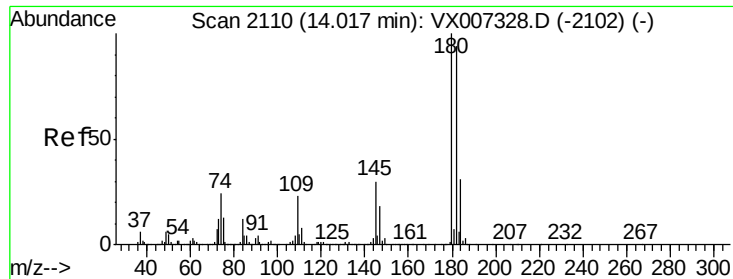
127 12.8 10.5 15.7

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

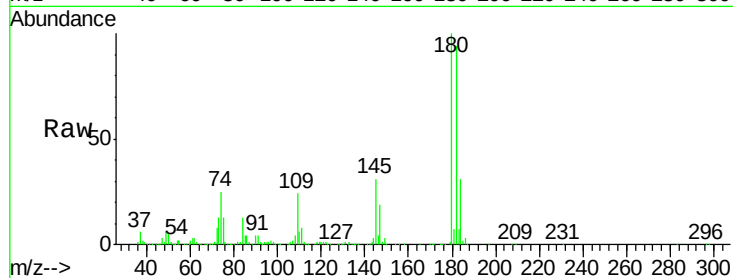




#96
 1,2,3-Trichlorobenzene
 Concen: 47.035 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW202S-20190129MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.5	142.6
145	30.7	14.9	44.5



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

