

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020119\
 Data File : VX007346.D
 Acq On : 01 Feb 2019 19:33
 Operator : JC/SP
 Sample : K1296-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Feb 02 03:21:00 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	448134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	673045	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	637164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	332600	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	236614	49.74	ug/l	0.00
Spiked Amount			Recovery	=	99.48%	
35) Dibromofluoromethane	5.50	113	217875	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
50) Toluene-d8	8.71	98	811102	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.13	95	296948	50.06	ug/l	0.00
Spiked Amount			Recovery	=	100.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	277431	50.378	ug/l	97
3) Chloromethane	1.33	50	260574	51.624	ug/l	99
4) Vinyl Chloride	1.41	62	267105	53.940	ug/l	99
5) Bromomethane	1.64	94	258078	52.736	ug/l	98
6) Chloroethane	1.72	64	161413	50.389	ug/l	99
7) Trichlorofluoromethane	1.93	101	394526	50.930	ug/l	100
8) Diethyl Ether	2.19	74	146242	50.158	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	221312	48.030	ug/l	98
10) Methyl Iodide	2.51	142	350382	51.692	ug/l	100
11) Tert butyl alcohol	3.07	59	264775	268.977	ug/l	100
12) 1,1-Dichloroethene	2.37	96	212141	49.580	ug/l	99
13) Acrolein	2.30	56	156566	339.180	ug/l	98
14) Allyl chloride	2.73	41	358042	51.356	ug/l	99
15) Acrylonitrile	3.15	53	626616	257.322	ug/l	99
16) Acetone	2.45	43	539123	247.433	ug/l	99
17) Carbon Disulfide	2.57	76	559624	50.016	ug/l	100
18) Methyl Acetate	2.78	43	289642	51.008	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	701564	50.611	ug/l	99
20) Methylene Chloride	2.86	84	237756	53.449	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	222817	48.885	ug/l	99
22) Diisopropyl ether	3.87	45	647961	50.527	ug/l	97
23) Vinyl Acetate	3.82	43	2541370	238.813	ug/l	99
24) 1,1-Dichloroethane	3.70	63	362180	49.179	ug/l	99
25) 2-Butanone	4.70	43	810446	261.368	ug/l	98
26) 2,2-Dichloropropane	4.59	77	246189	43.896	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	240954	48.400	ug/l	98
28) Bromochloromethane	5.02	49	165044	48.733	ug/l	98
29) Tetrahydrofuran	5.15	42	528836	271.173	ug/l	99
30) Chloroform	5.21	83	388060	50.497	ug/l	100
31) Cyclohexane	5.57	56	325041	49.142	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	330771	50.992	ug/l	99
36) 1,1-Dichloropropene	5.80	75	279173	46.230	ug/l	100
37) Ethyl Acetate	4.85	43	284147	46.547	ug/l	99
38) Carbon Tetrachloride	5.78	117	294776	50.315	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	339411	46.454	ug/l	99
40) Benzene	6.14	78	858845	48.281	ug/l	100
41) Methacrylonitrile	5.06	41	168626	51.541	ug/l	99
42) 1,2-Dichloroethane	6.20	62	297002	48.256	ug/l	100
43) Isopropyl Acetate	6.46	43	460089	48.829	ug/l	100
44) Trichloroethene	7.21	130	254897	47.577	ug/l	97
45) 1,2-Dichloropropane	7.51	63	218418	49.006	ug/l	98
46) Dibromomethane	7.66	93	156383	48.276	ug/l	99
47) Bromodichloromethane	7.90	83	276538	50.372	ug/l	96
48) Methyl methacrylate	7.77	41	252590	53.594	ug/l	100
49) 1,4-Dioxane	7.75	88	112202	1046.502	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1632285	263.153	ug/l	100
52) Toluene	8.79	92	559220	48.725	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	303124	51.403	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	327141	50.446	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	232914	48.685	ug/l	98
56) Ethyl methacrylate	9.18	69	341403	51.524	ug/l	100
57) 1,3-Dichloropropane	9.37	76	374614	49.239	ug/l	100
59) 2-Hexanone	9.49	43	1236398	256.152	ug/l	99
60) Dibromochloromethane	9.58	129	245802	54.325	ug/l	97
61) 1,2-Dibromoethane	9.67	107	254738	50.280	ug/l	99
64) Tetrachloroethene	9.34	164	257427	42.866	ug/l	100
65) Chlorobenzene	10.14	112	652854	46.954	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	233026	49.988	ug/l	99
67) Ethyl Benzene	10.25	91	1077414	48.118	ug/l	98
68) m/p-Xylenes	10.36	106	856781	96.260	ug/l	99
69) o-Xylene	10.70	106	419592	48.991	ug/l	99
70) Styrene	10.71	104	685139	49.326	ug/l	99
71) Bromoform	10.86	173	190372	46.839	ug/l #	98
73) Isopropylbenzene	11.02	105	1111231	49.165	ug/l	99
74) N-amyl acetate	10.90	43	412021	47.130	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	344428	50.003	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	393633	60.845	ug/l	78
77) Bromobenzene	11.26	156	305888	48.033	ug/l	100
78) n-propylbenzene	11.36	91	1260559	50.861	ug/l	100
79) 2-Chlorotoluene	11.42	91	729861	48.532	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	921146	49.816	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	96606	46.480	ug/l	96
82) 4-Chlorotoluene	11.51	91	851348	48.924	ug/l	100
83) tert-Butylbenzene	11.77	119	902741	49.310	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	940046	50.075	ug/l	99
85) sec-Butylbenzene	11.94	105	1111387	50.158	ug/l	99
86) p-Isopropyltoluene	12.06	119	999178	49.955	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	536045	46.903	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	534210	46.072	ug/l	99
89) n-Butylbenzene	12.39	91	835856	48.579	ug/l	100
90) Hexachloroethane	12.60	117	158049	52.797	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	526769	46.314	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	72865	50.874	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	360038	46.939	ug/l	99

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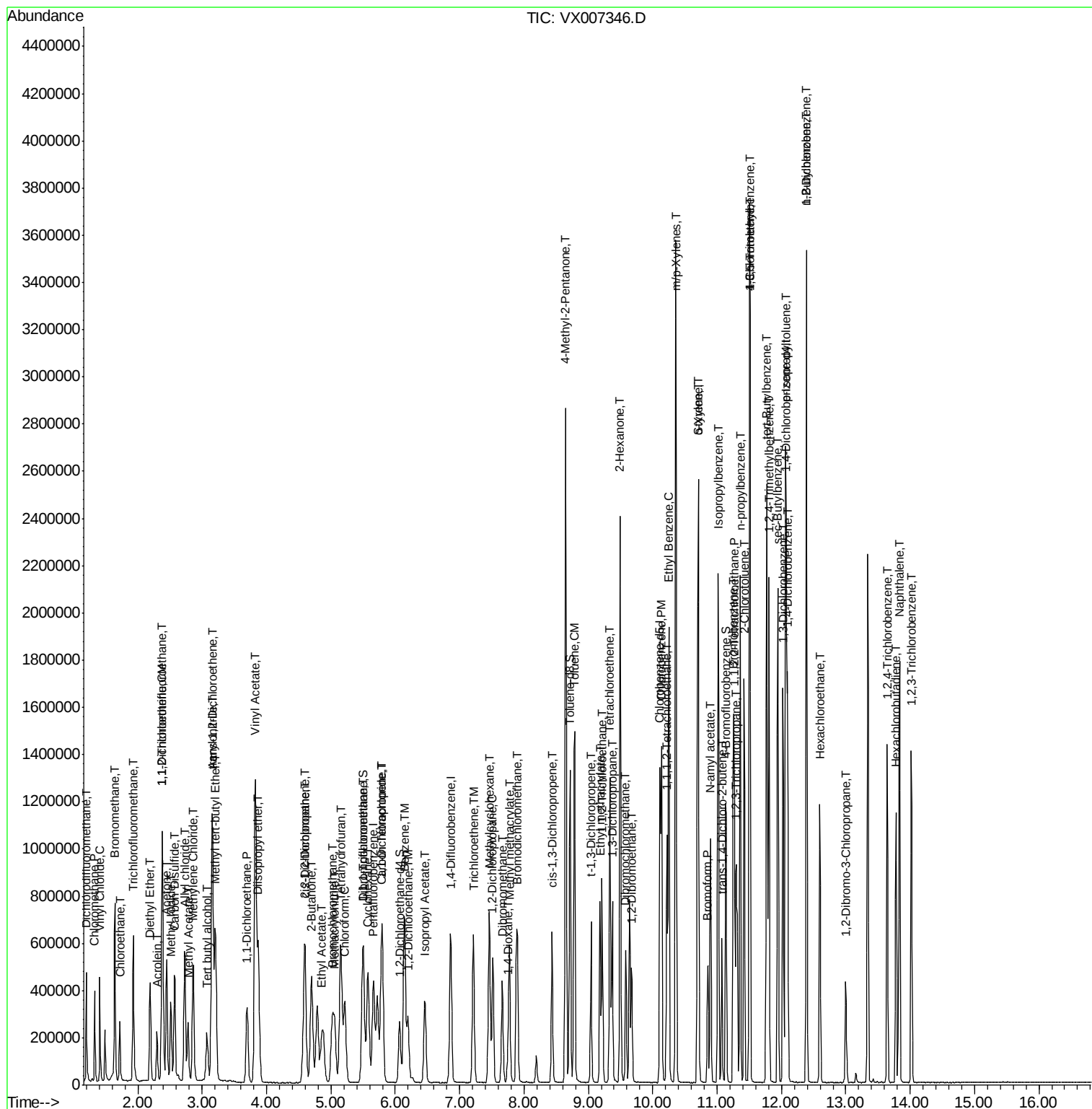
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	169421	45.488	ug/l	98
95) Naphthalene	13.83	128	1124712	50.142	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	361437	46.812	ug/l	100

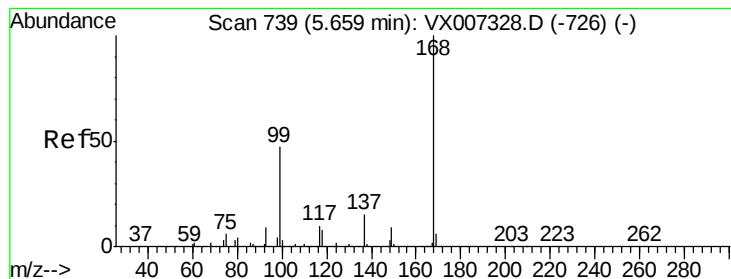
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

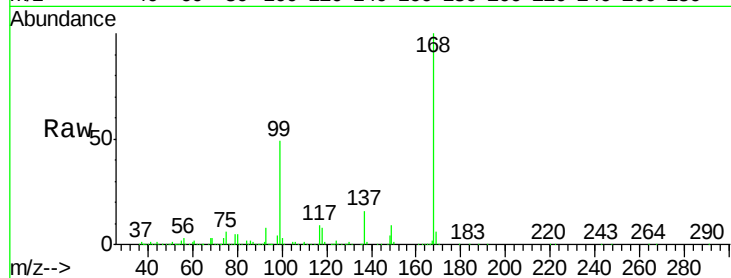
BP-TT-MW202S-20190129MS

Tot Ion:168 Resp: 448134

Ion Ratio Lower Upper

168 100

99 49.2 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

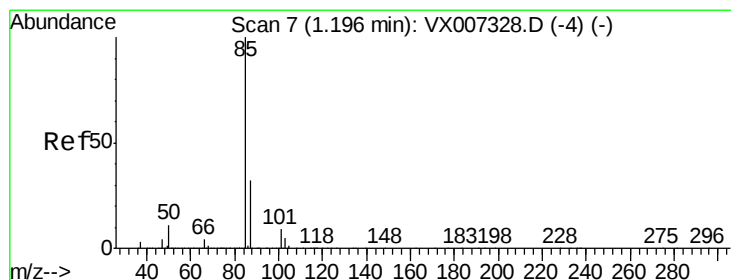
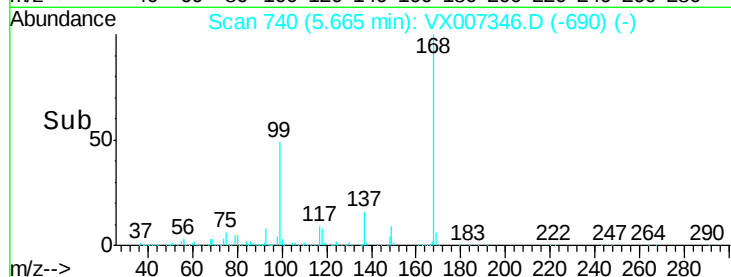
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.378 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007346.D

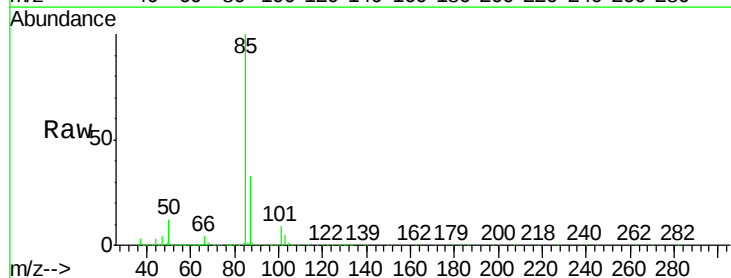
Acq: 01 Feb 2019 19:33

Tgt Ion: 85 Resp: 277431

Ion Ratio Lower Upper

85 100

87 33.1 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

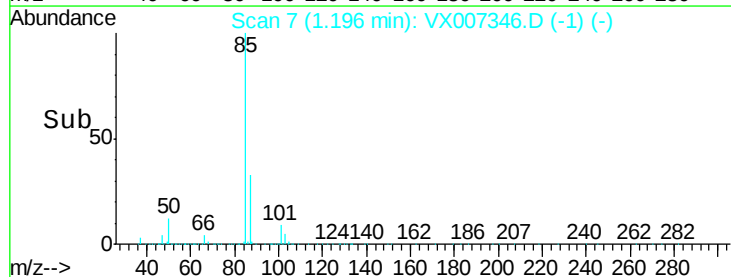
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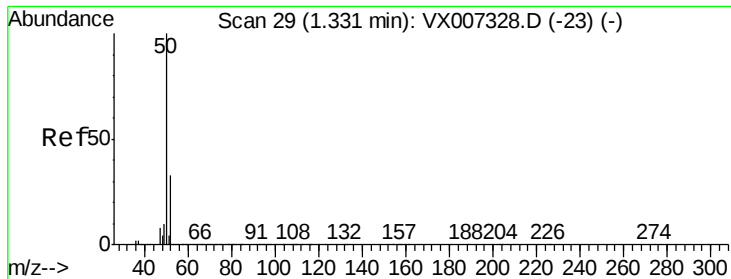
100000

50000

0

Time-->





#3

Chloromethane

Concen: 51.624 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

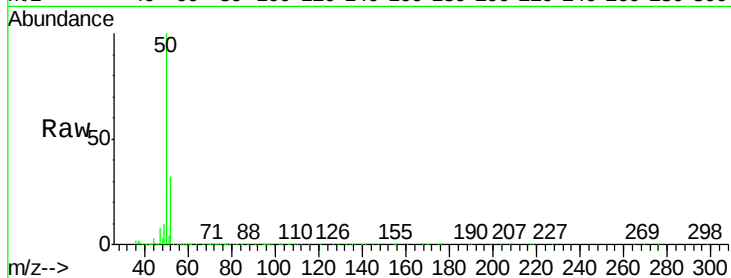
BP-TT-MW202S-20190129MS

Tot Ion: 50 Resp: 260574

Ion Ratio Lower Upper

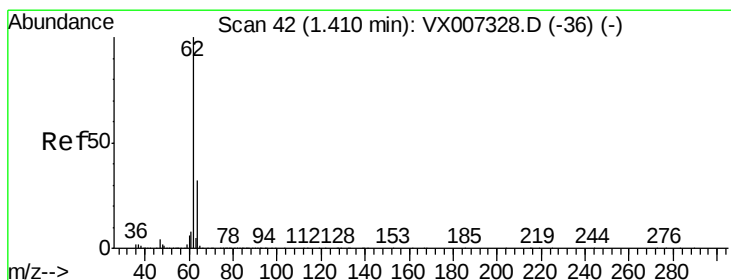
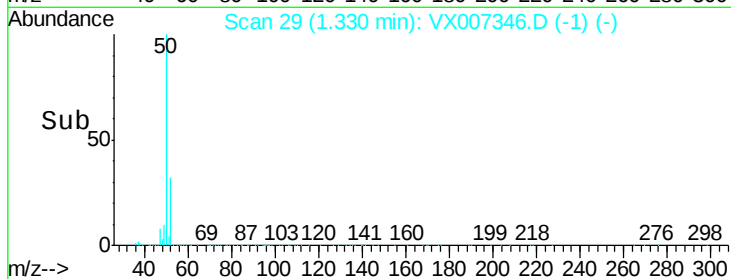
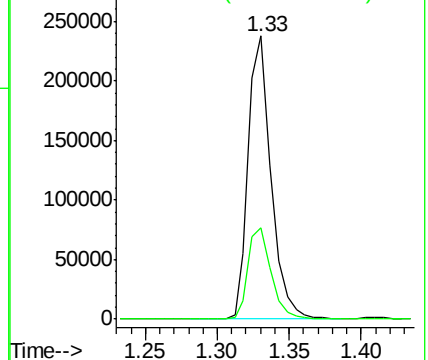
50 100

52 32.1 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: 53.940 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007346.D

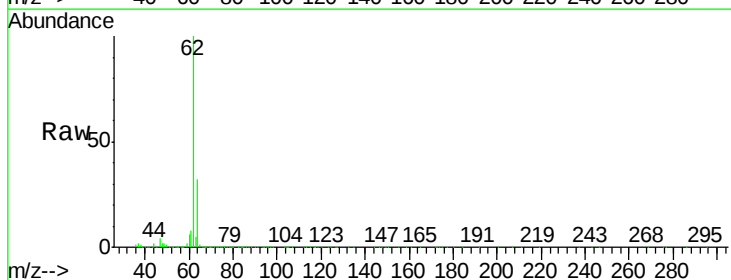
Acq: 01 Feb 2019 19:33

Tgt Ion: 62 Resp: 267105

Ion Ratio Lower Upper

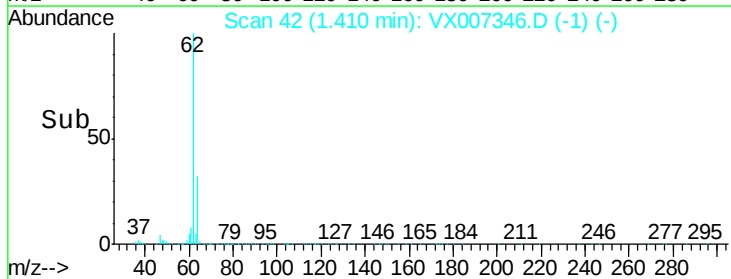
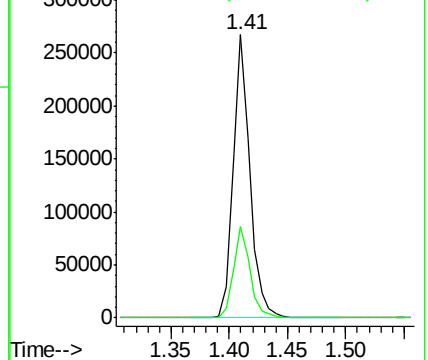
62 100

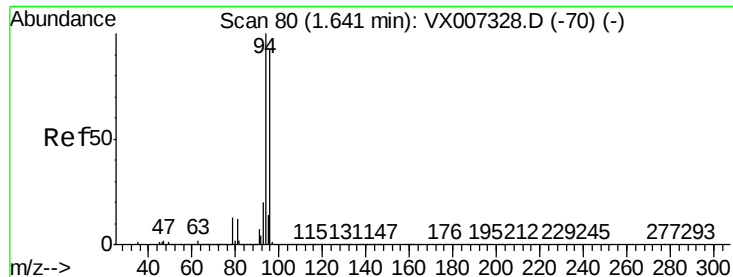
64 32.4 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 52.736 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

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ClientSampleId :

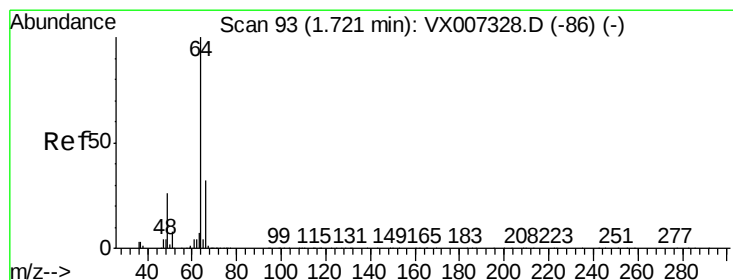
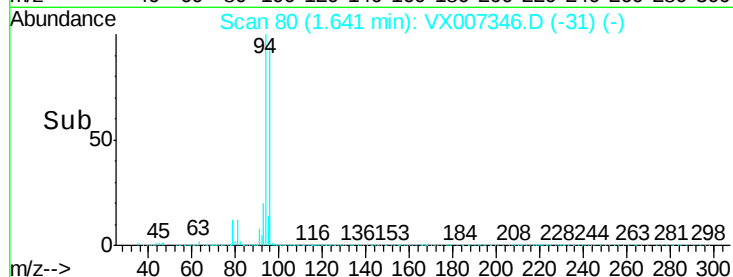
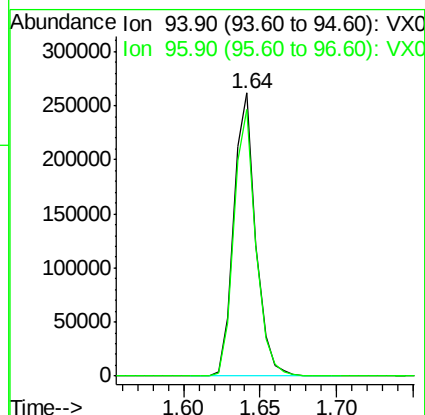
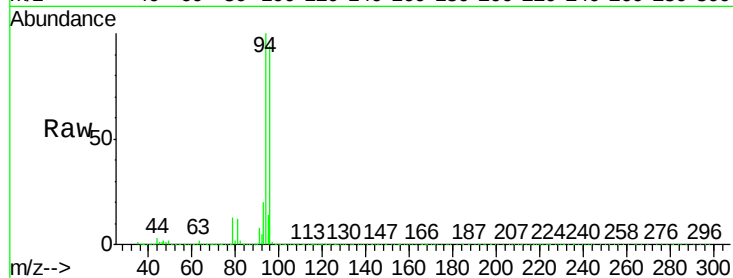
BP-TT-MW202S-20190129MS

Tot Ion: 94 Resp: 258078

Ion Ratio Lower Upper

94 100

96 94.2 73.9 110.9



#6

Chloroethane

Concen: 50.389 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007346.D

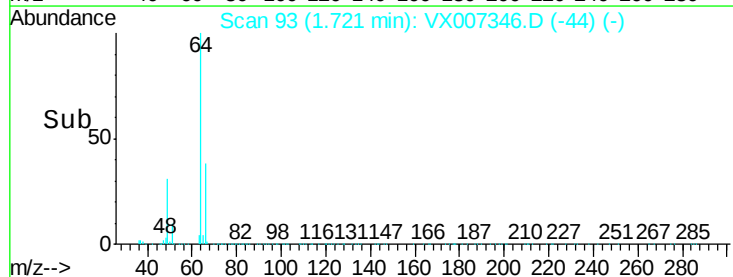
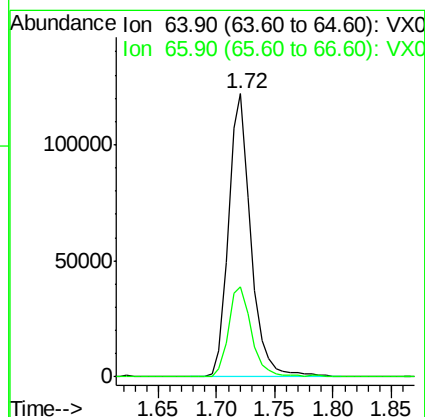
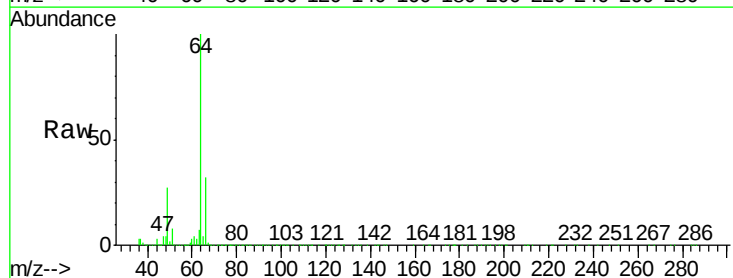
Acq: 01 Feb 2019 19:33

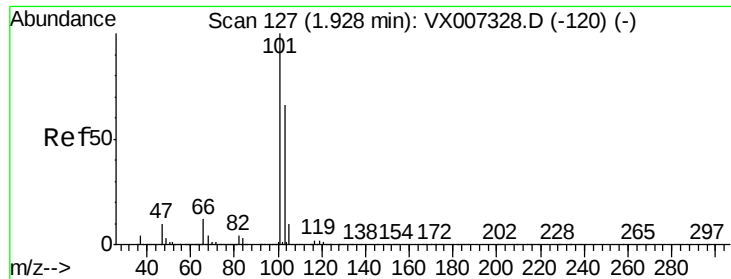
Tgt Ion: 64 Resp: 161413

Ion Ratio Lower Upper

64 100

66 31.6 25.5 38.3



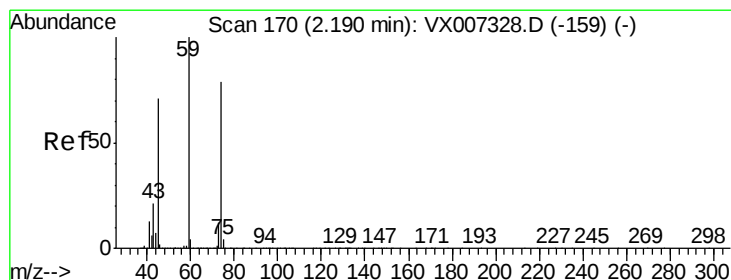
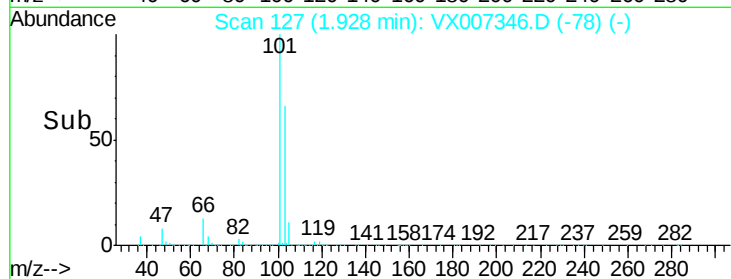
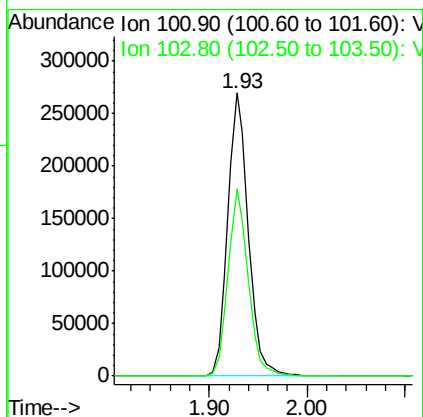
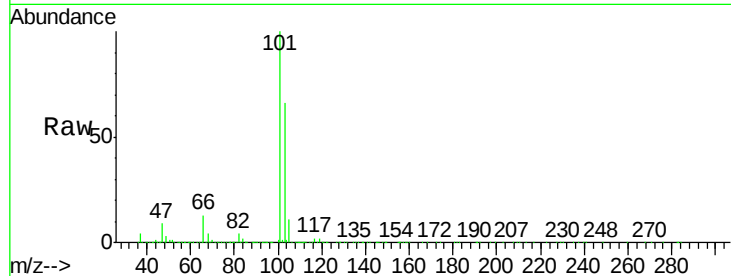


#7

Trichlorofluoromethane
Concen: 50.930 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Instrument :
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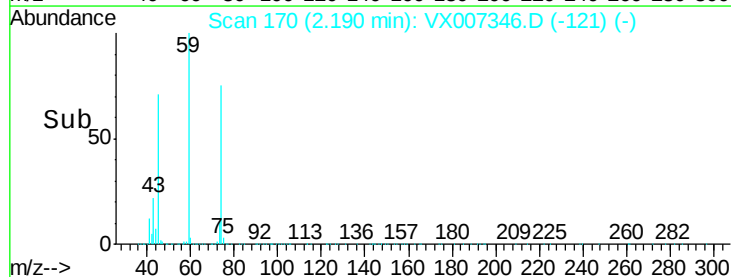
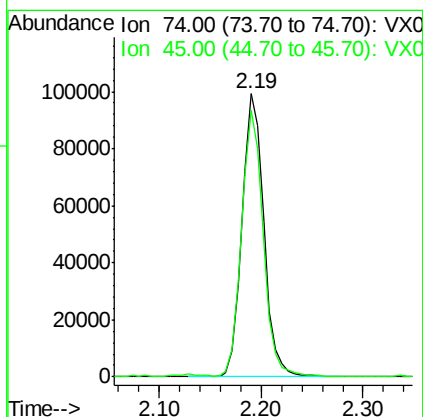
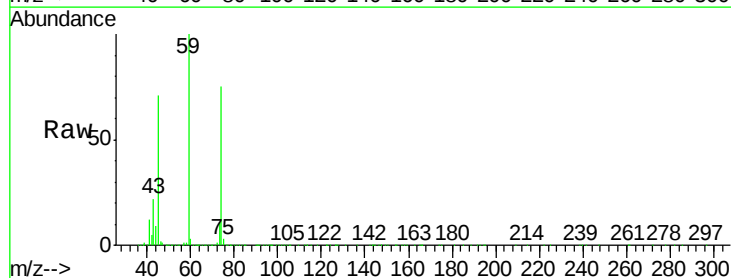
Tot Ion:101 Resp: 394526
Ion Ratio Lower Upper
101 100
103 65.9 52.6 79.0

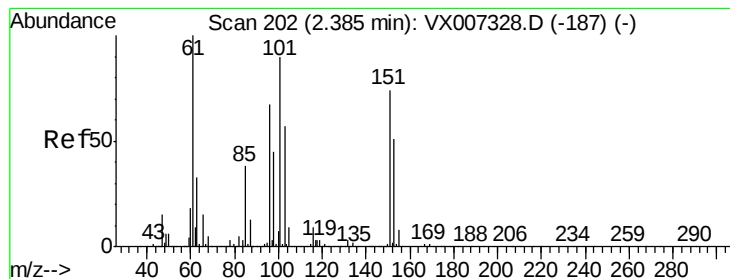


#8

Diethyl Ether
Concen: 50.158 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion: 74 Resp: 146242
Ion Ratio Lower Upper
74 100
45 92.8 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.030 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

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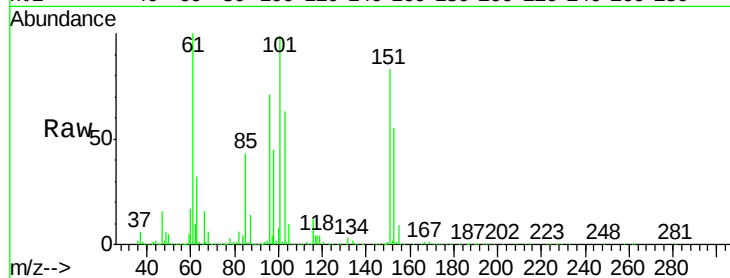
Tot Ion:101 Resp: 221312

Ion Ratio Lower Upper

101 100

85 44.0 34.1 51.1

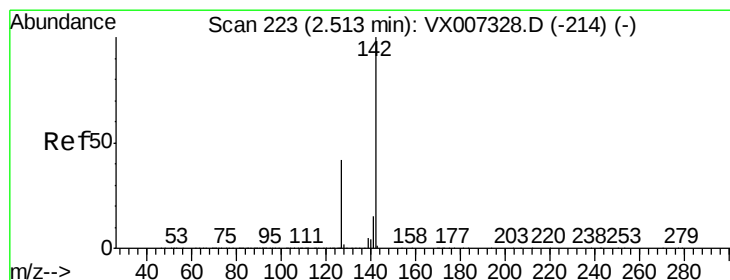
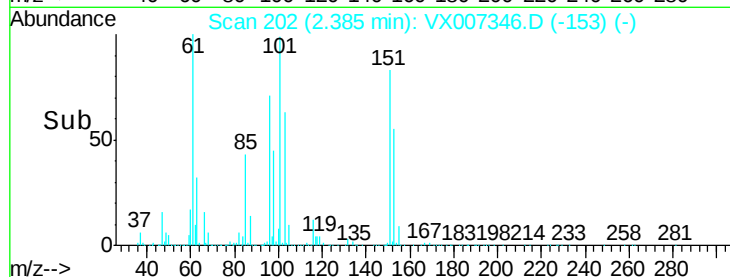
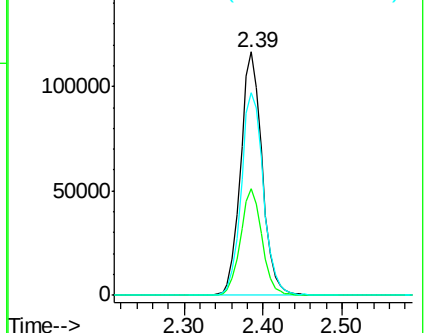
151 86.0 69.9 104.9



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: 51.692 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

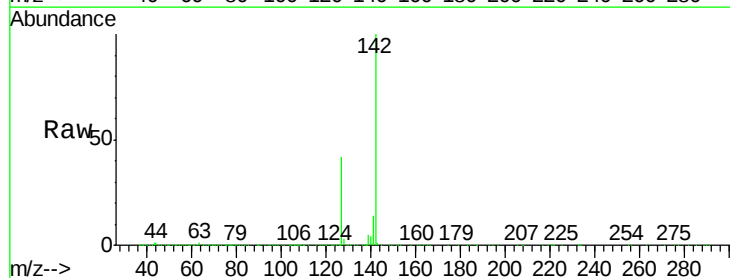
Tgt Ion:142 Resp: 350382

Ion Ratio Lower Upper

142 100

127 42.5 33.7 50.5

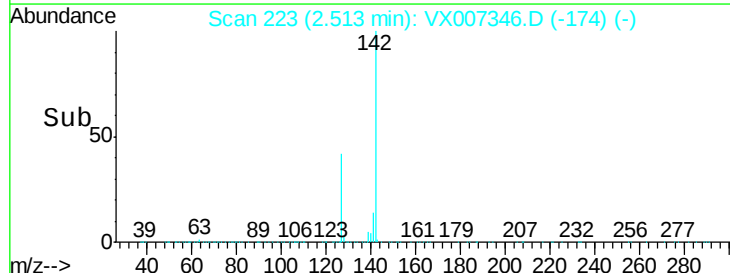
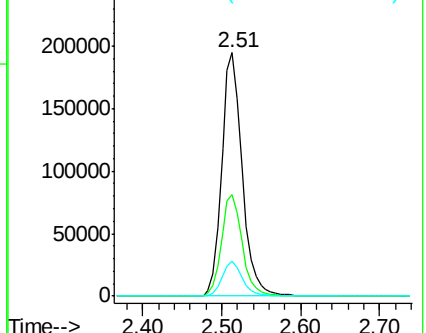
141 14.1 11.3 16.9

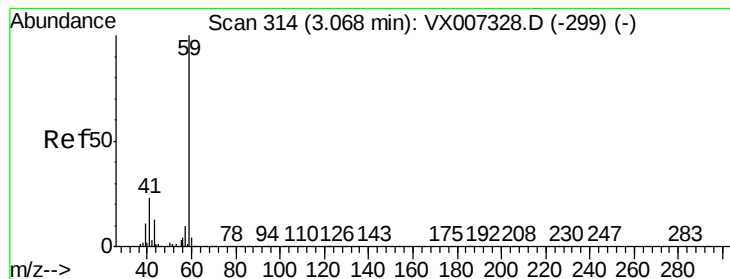


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



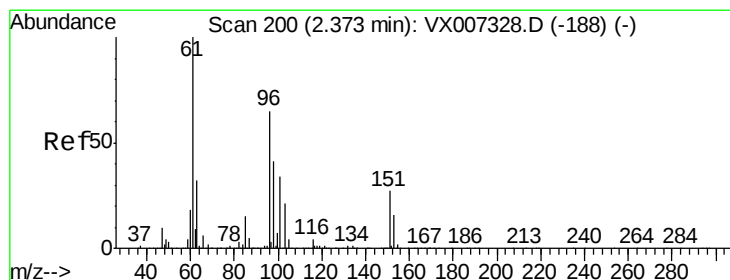
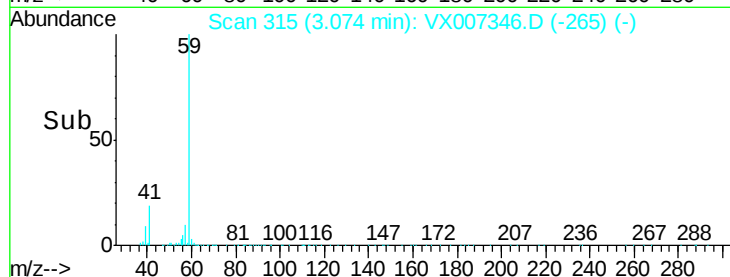
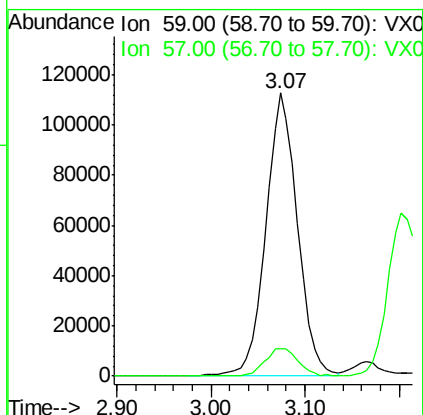
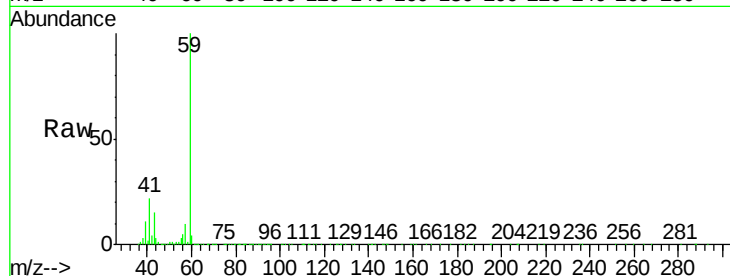


#11

Tert butyl alcohol
Concen: 268.977 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.01 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

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

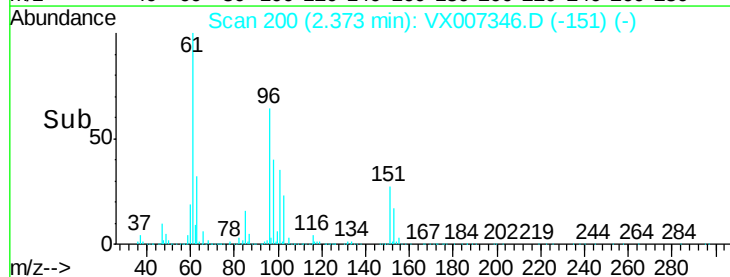
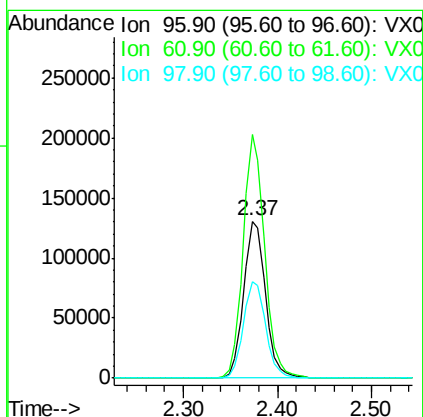
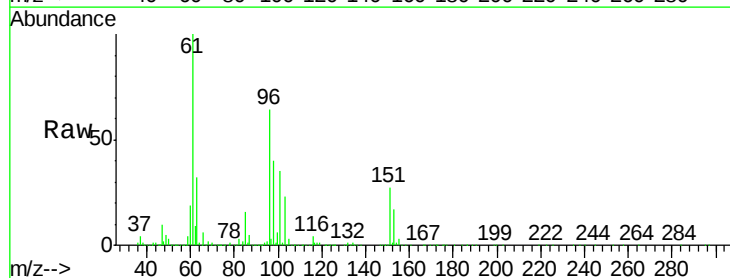
Tot Ion: 59 Resp: 264775
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1

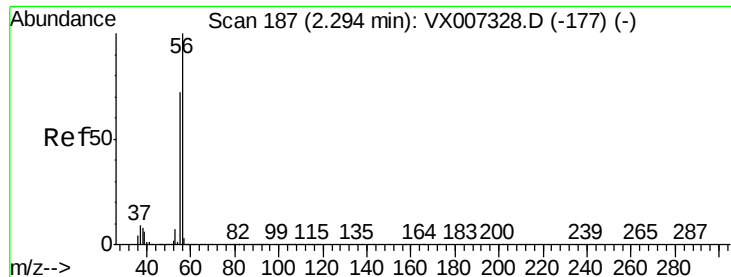


#12

1,1-Dichloroethene
Concen: 49.580 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion: 96 Resp: 212141
Ion Ratio Lower Upper
96 100
61 155.1 123.0 184.4
98 61.8 50.9 76.3





#13

Acrolein

Concen: 339.180 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

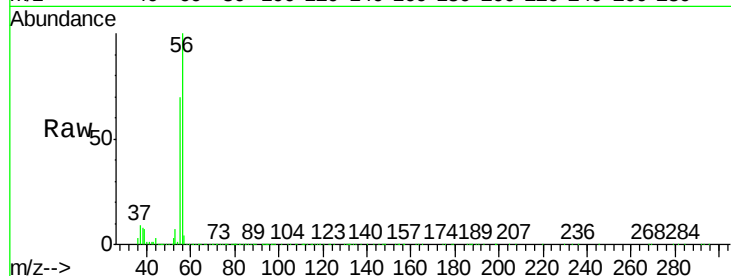
BP-TT-MW202S-20190129MS

Tot Ion: 56 Resp: 156566

Ion Ratio Lower Upper

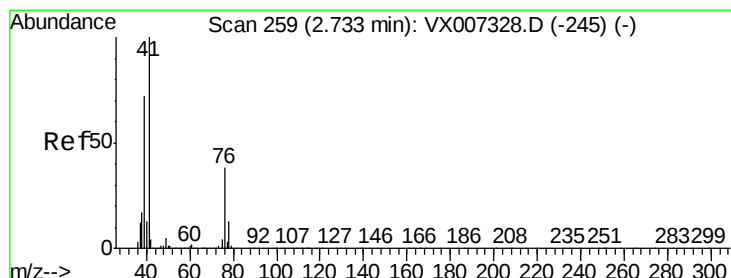
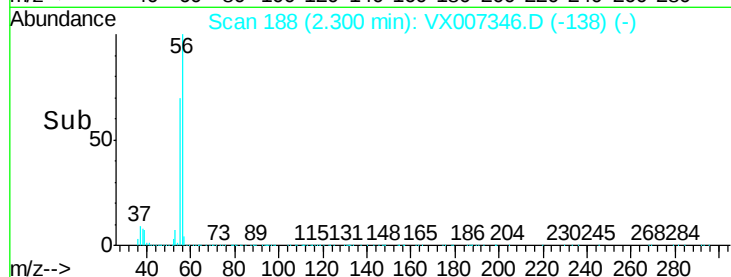
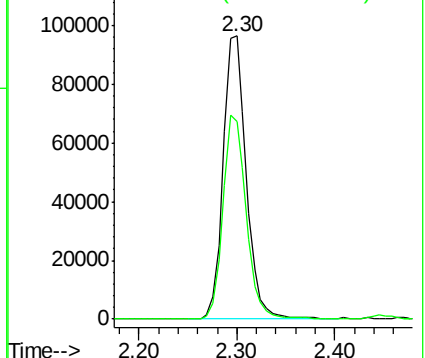
56 100

55 72.6 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 51.356 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

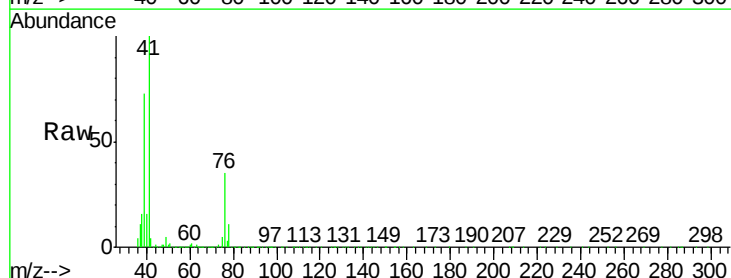
Tgt Ion: 41 Resp: 358042

Ion Ratio Lower Upper

41 100

39 67.6 54.1 81.1

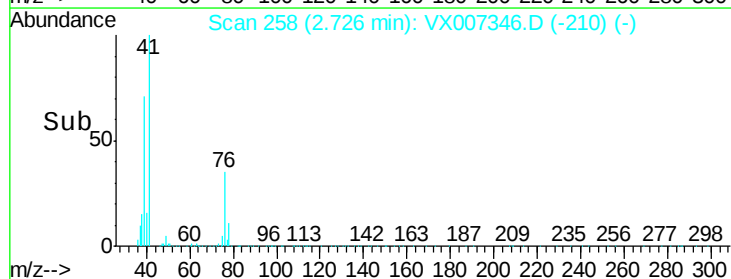
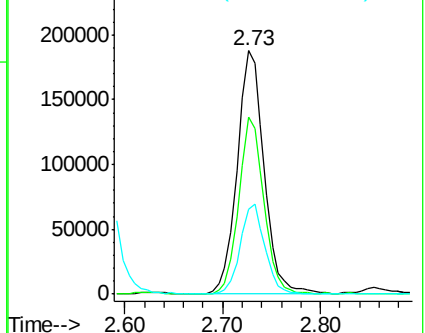
76 33.8 27.8 41.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 257.322 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MS

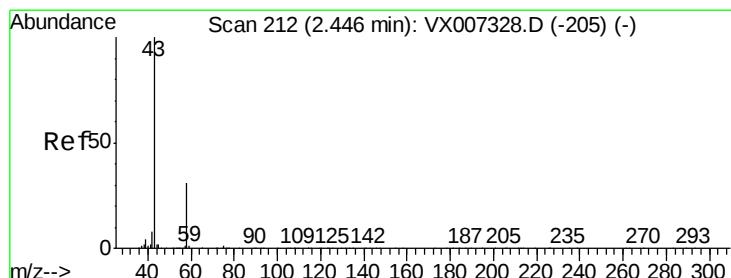
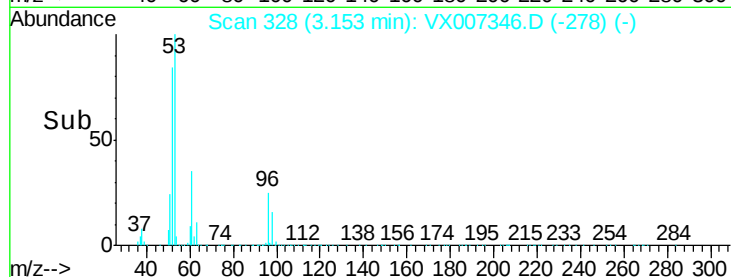
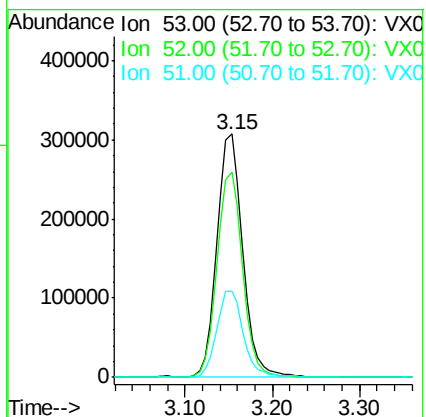
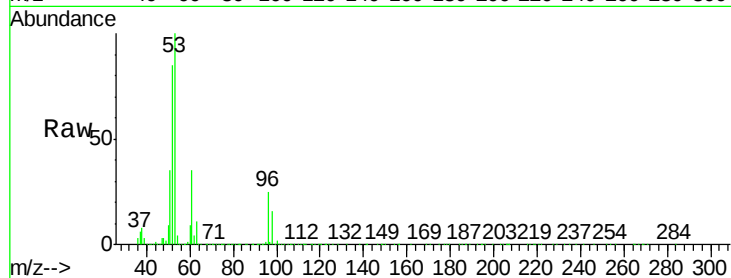
Tot Ion: 53 Resp: 626616

Ion Ratio Lower Upper

53 100

52 83.8 66.4 99.6

51 36.6 28.4 42.6



#16

Acetone

Concen: 247.433 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007346.D

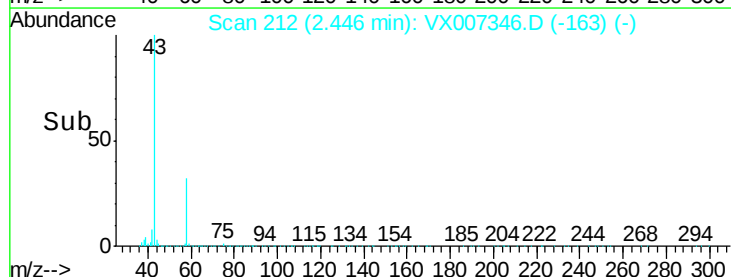
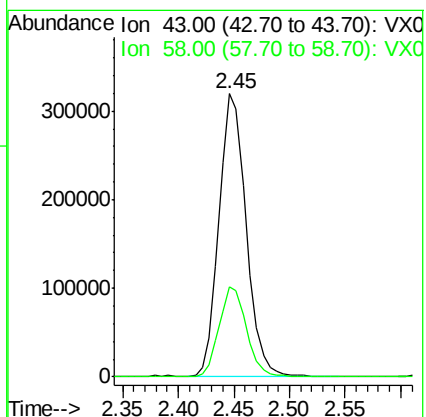
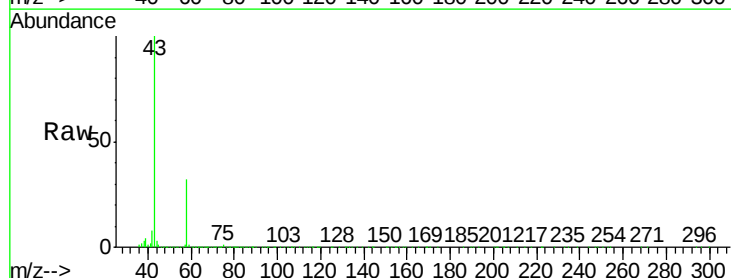
Acq: 01 Feb 2019 19:33

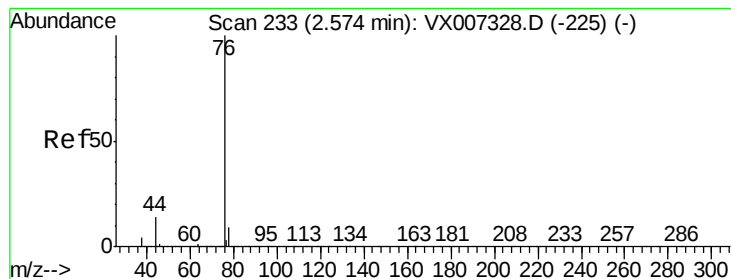
Tgt Ion: 43 Resp: 539123

Ion Ratio Lower Upper

43 100

58 31.8 24.9 37.3





#17

Carbon Disulfide

Concen: 50.016 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

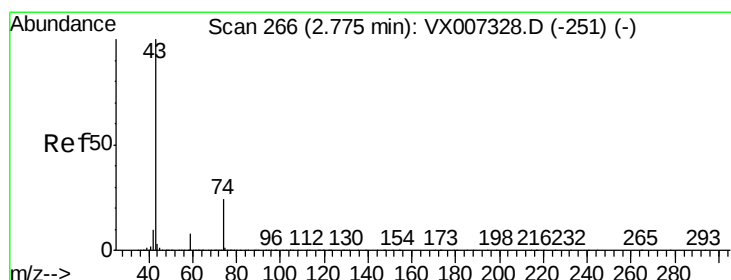
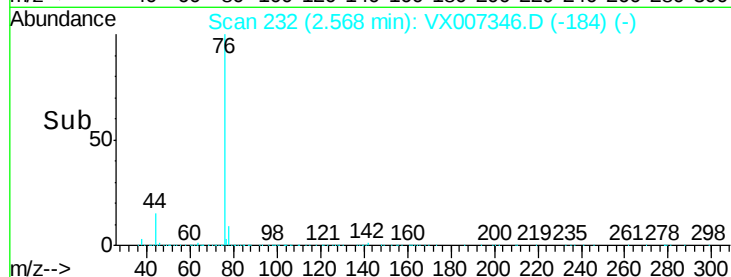
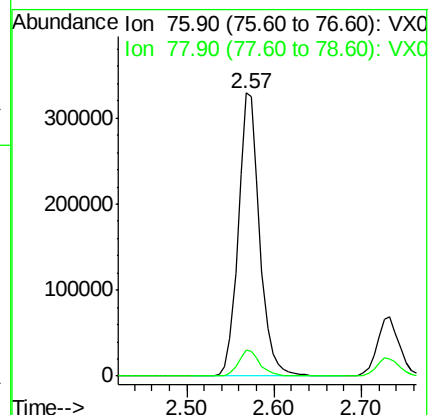
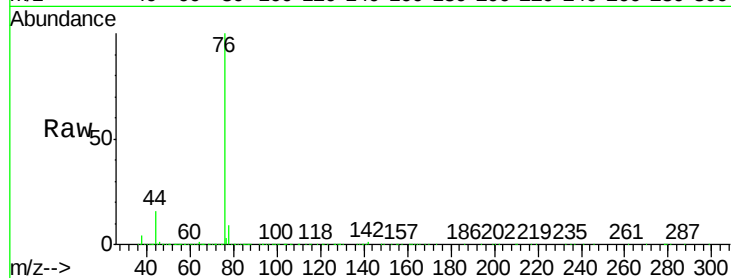
BP-TT-MW202S-20190129MS

Tot Ion: 76 Resp: 559624

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



#18

Methyl Acetate

Concen: 51.008 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007346.D

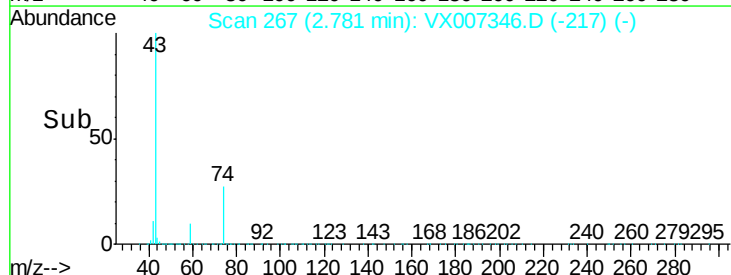
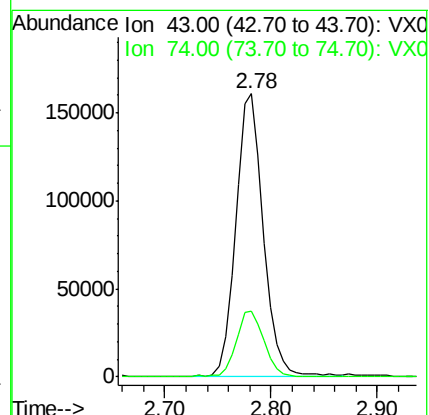
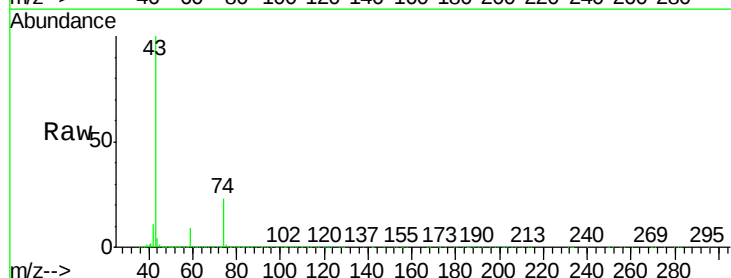
Acq: 01 Feb 2019 19:33

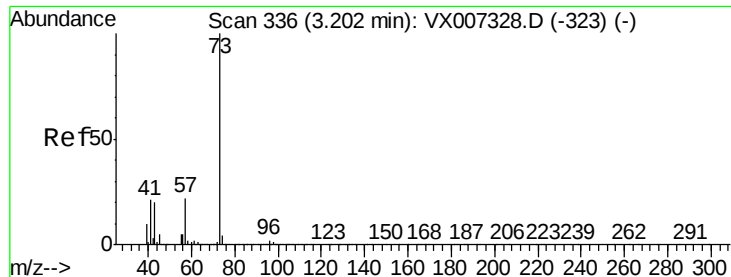
Tgt Ion: 43 Resp: 289642

Ion Ratio Lower Upper

43 100

74 23.7 19.4 29.2

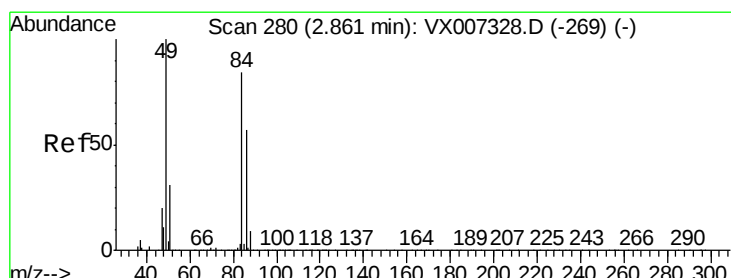
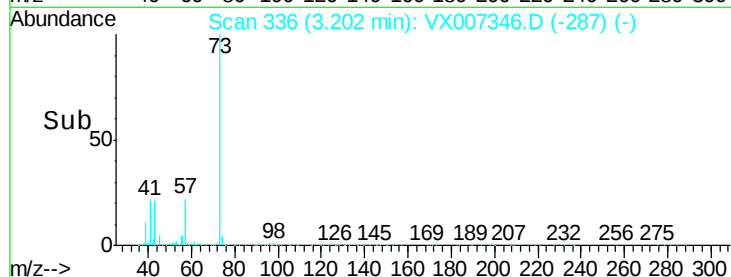
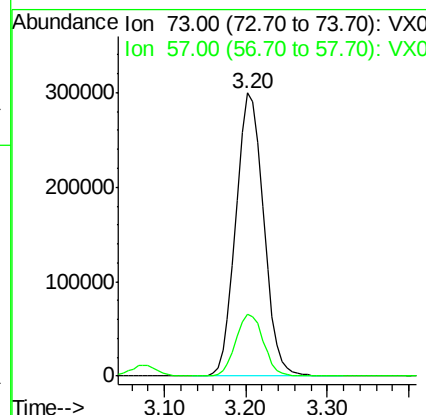
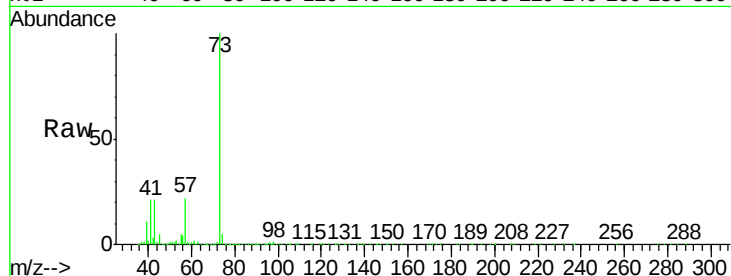




#19
Methvl tert-butvl Ether
Concen: 50.611 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

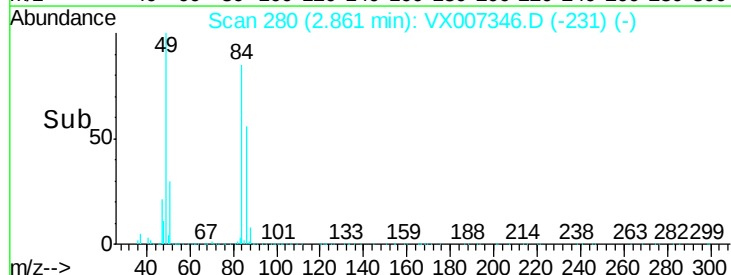
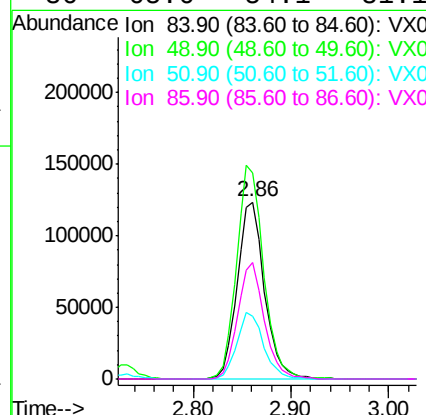
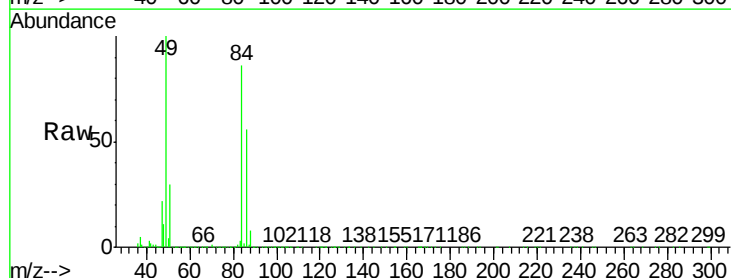
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MS

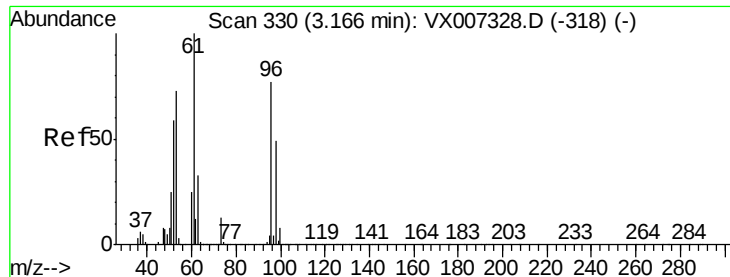
Tot Ion: 73 Resp: 701564
Ion Ratio Lower Upper
73 100
57 21.7 17.8 26.8



#20
Methylene Chloride
Concen: 53.449 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion: 84 Resp: 237756
Ion Ratio Lower Upper
84 100
49 116.6 94.8 142.2
51 35.4 29.8 44.8
86 65.6 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 48.885 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MS

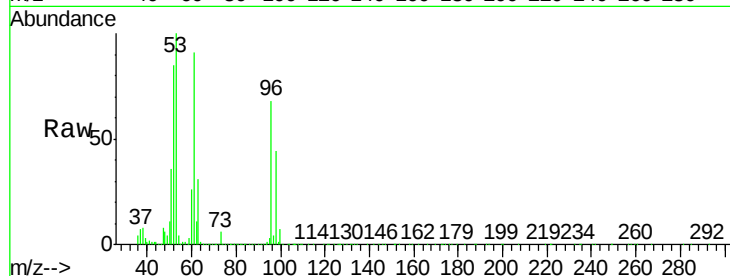
Tot Ion: 96 Resp: 222817

Ion Ratio Lower Upper

96 100

61 132.7 104.6 156.8

98 64.5 51.0 76.4

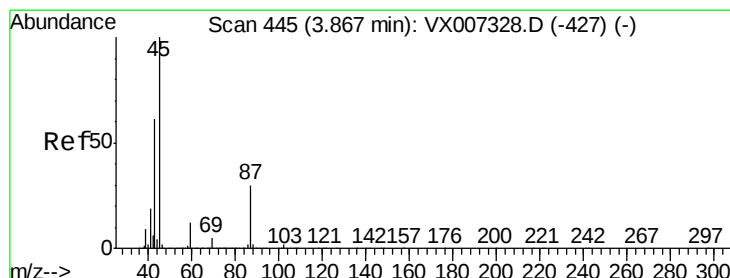
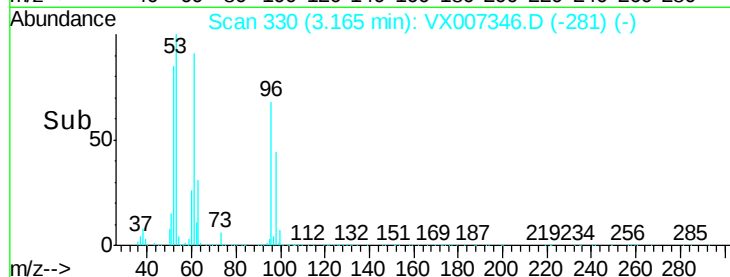
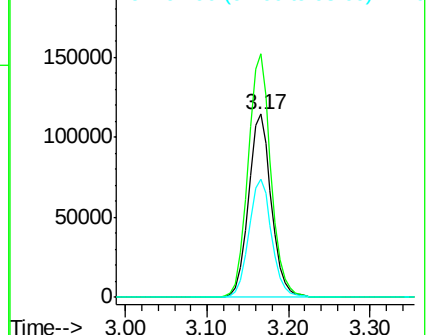


Abundance

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: 50.527 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Tgt Ion: 45 Resp: 647961

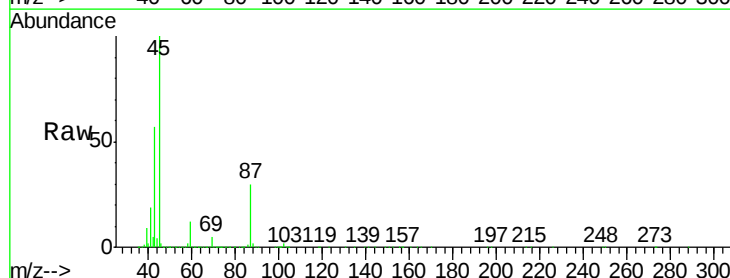
Ion Ratio Lower Upper

45 100

43 57.3 48.9 73.3

87 30.3 23.9 35.9

59 12.2 9.6 14.4



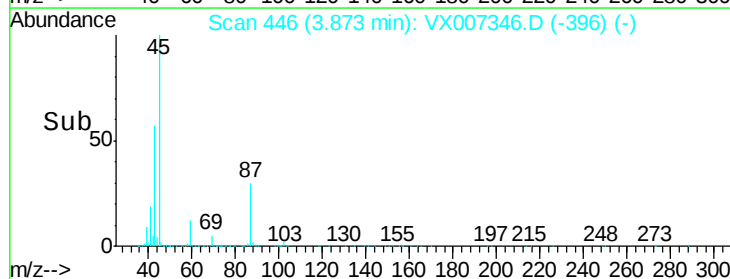
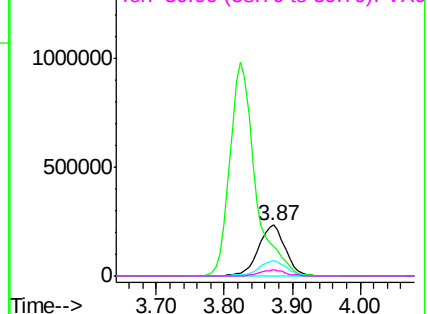
Abundance

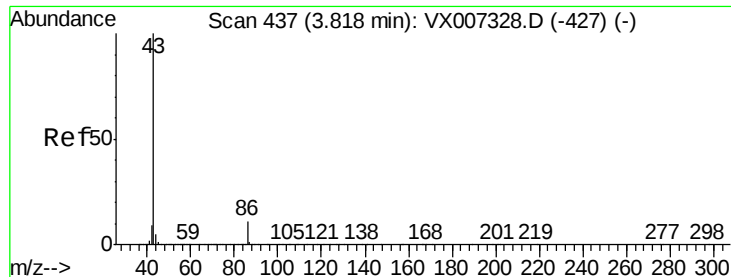
Ion 45.00 (44.70 to 45.70): VX0

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: 238.813 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

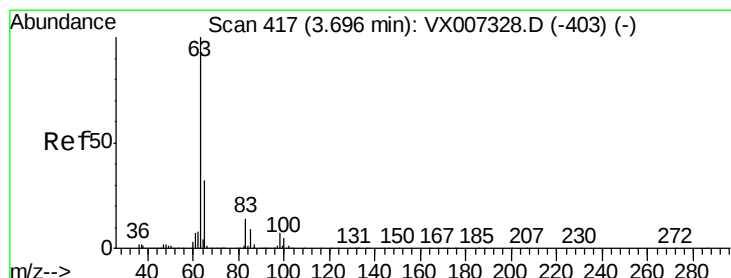
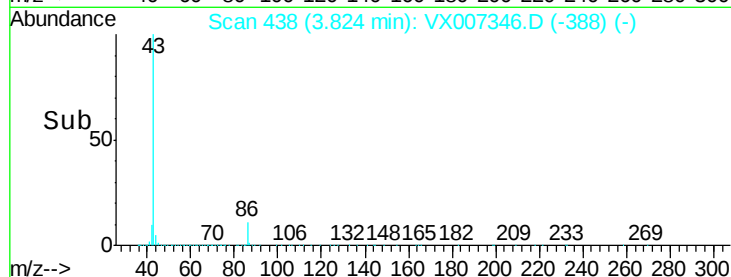
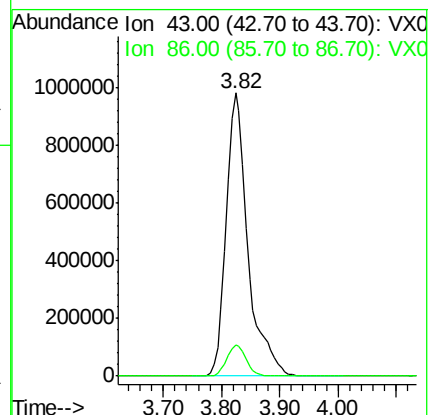
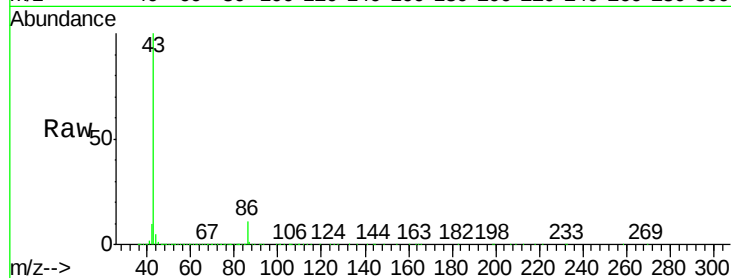
BP-TT-MW202S-20190129MS

Tot Ion: 43 Resp: 2541370

Ion Ratio Lower Upper

43 100

86 11.2 8.7 13.1



#24

1,1-Dichloroethane

Concen: 49.179 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

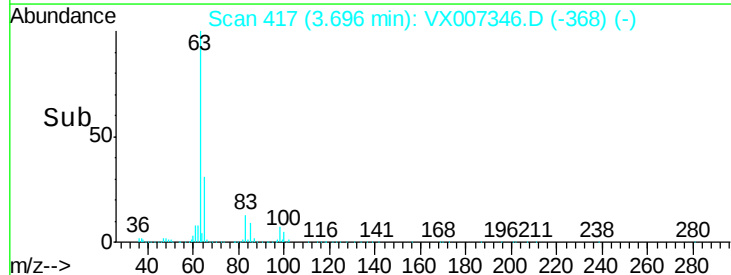
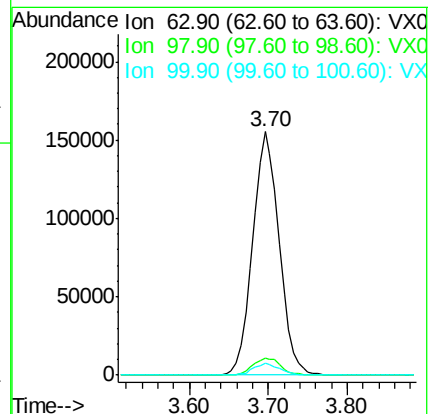
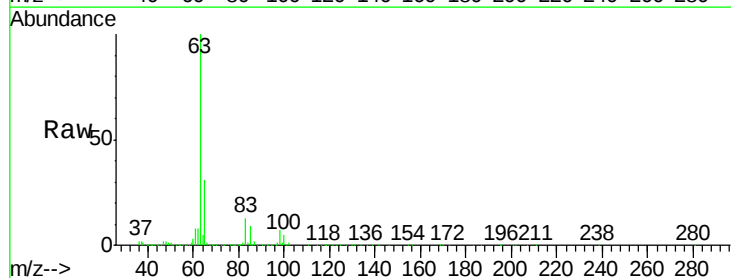
Tgt Ion: 63 Resp: 362180

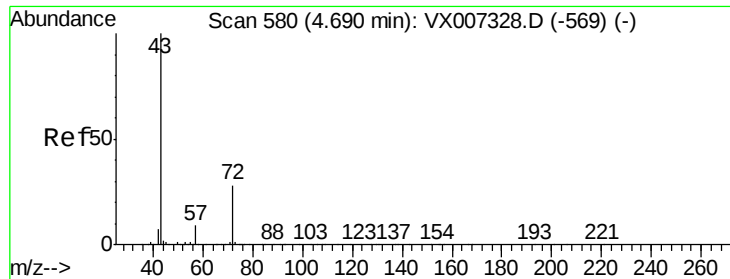
Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

100 4.7 2.5 7.4





#25

2-Butanone

Concen: 261.368 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

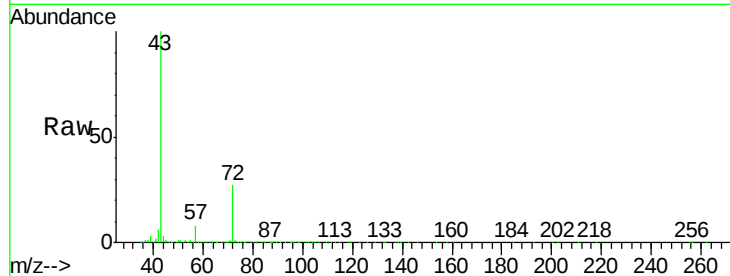
BP-TT-MW202S-20190129MS

Tot Ion: 43 Resp: 810446

Ion Ratio Lower Upper

43 100

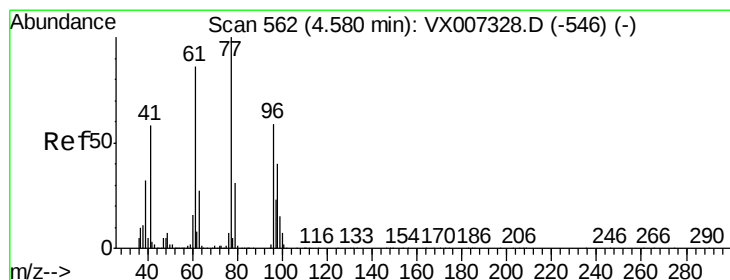
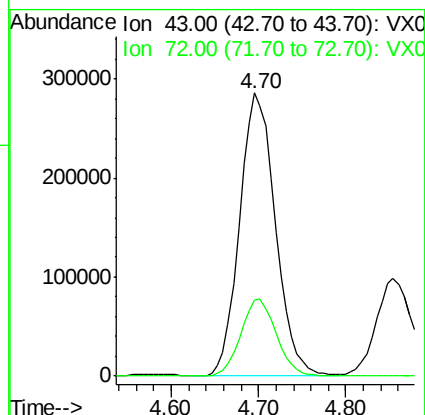
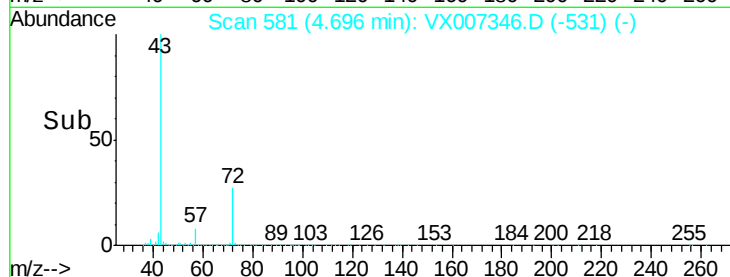
72 26.9 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Time-->



#26

2,2-Dichloropropane

Concen: 43.896 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007346.D

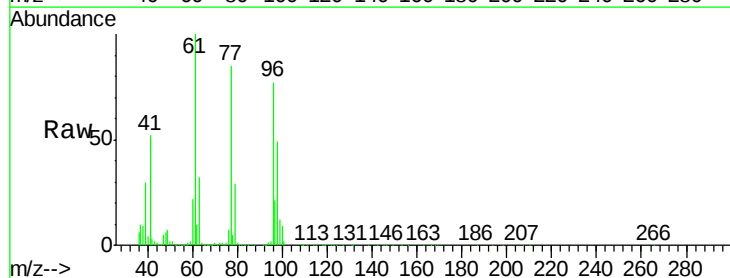
Acq: 01 Feb 2019 19:33

Tgt Ion: 77 Resp: 246189

Ion Ratio Lower Upper

77 100

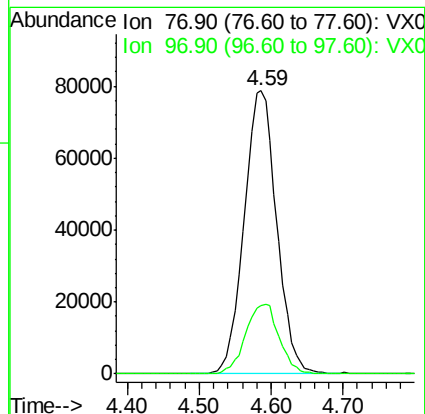
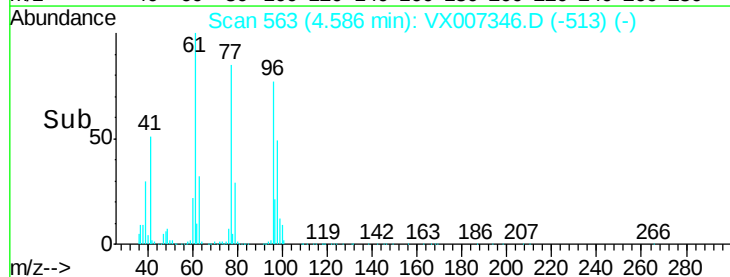
97 25.5 12.1 36.3

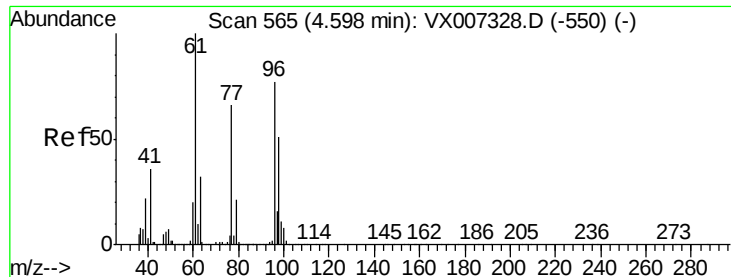


Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

Time-->



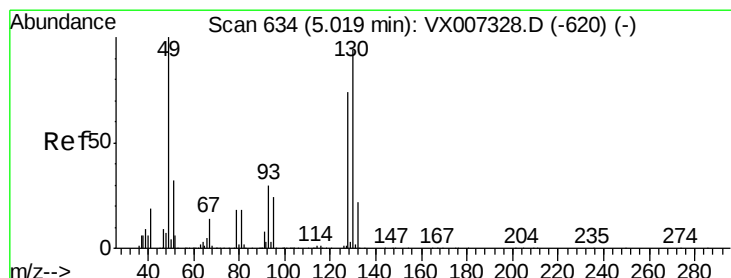
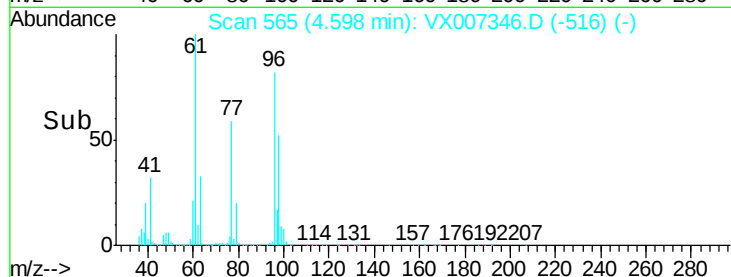
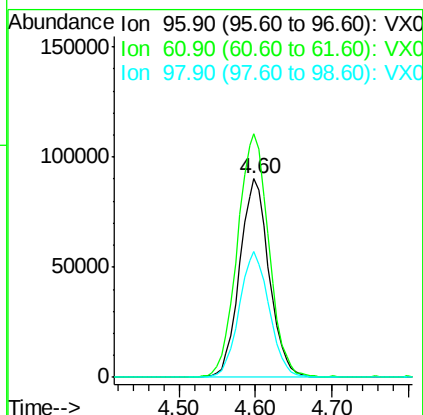
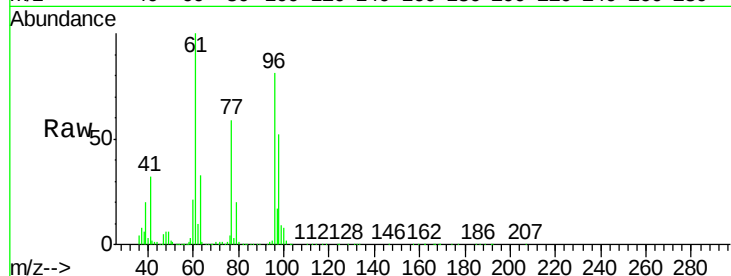


#27

cis-1,2-Dichloroethene
Concen: 48.400 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

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

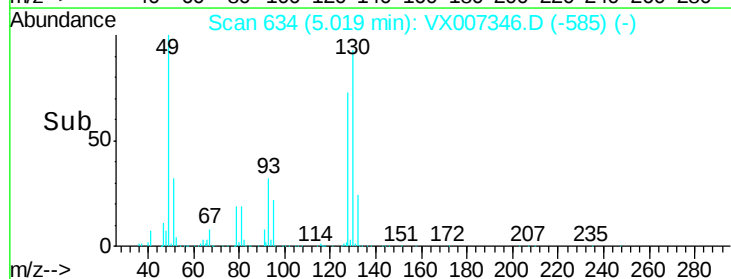
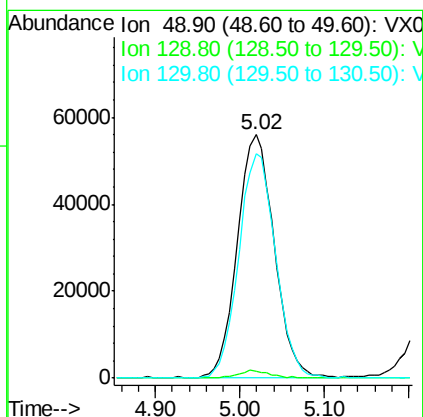
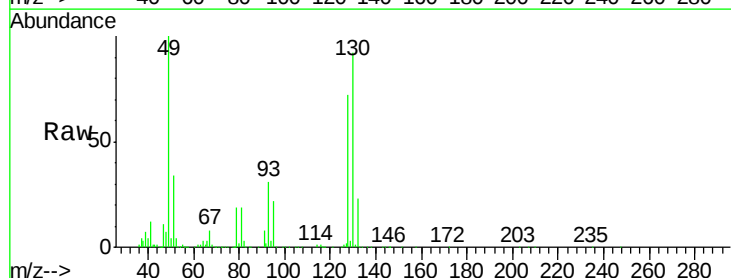
Tot Ion: 96 Resp: 240954
Ion Ratio Lower Upper
96 100
61 130.9 0.0 265.6
98 64.6 0.0 131.6



#28

Bromochloromethane
Concen: 48.733 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion: 49 Resp: 165044
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.6
130 92.5 75.6 113.4

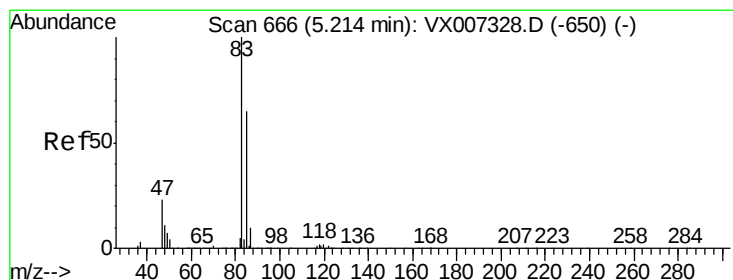
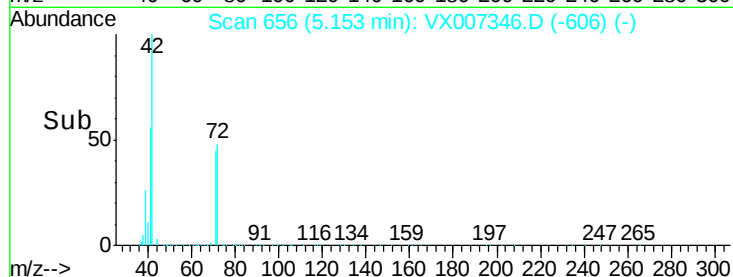
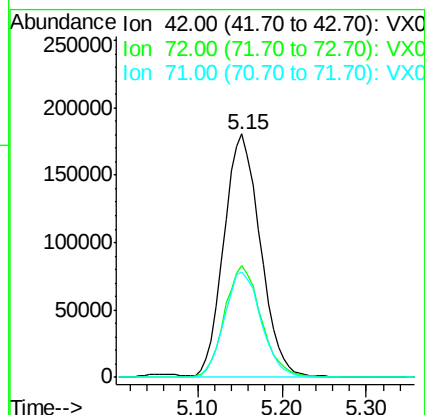
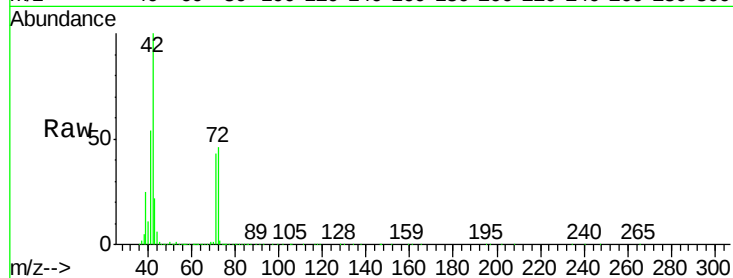




#29
Tetrahydrofuran
Concen: 271.173 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

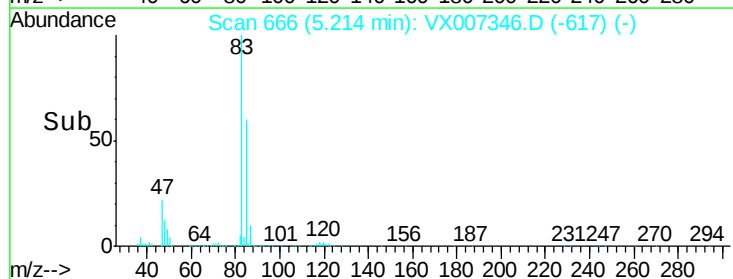
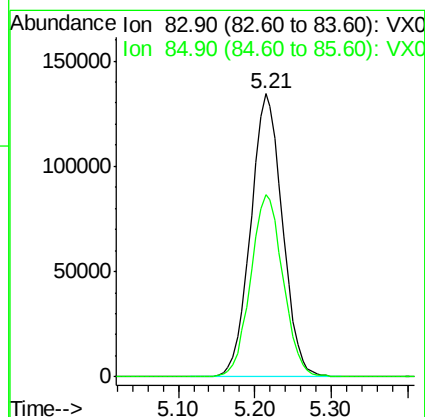
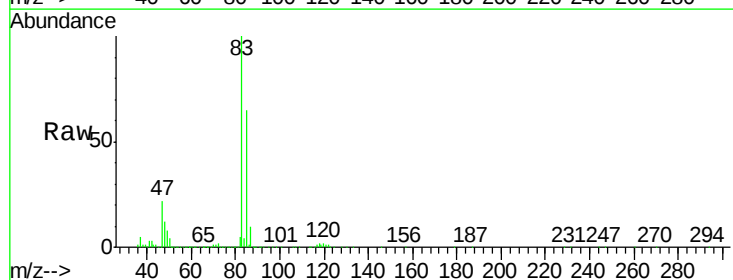
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MS

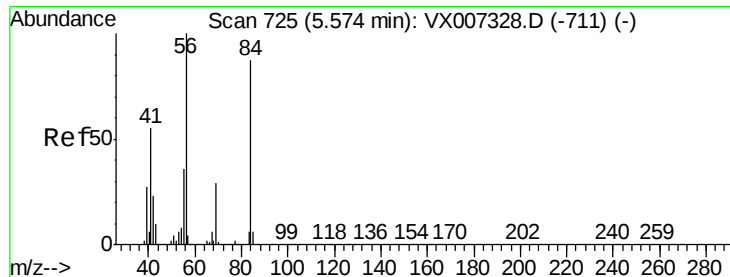
Tot Ion: 42 Resp: 528836
Ion Ratio Lower Upper
42 100
72 46.4 37.6 56.4
71 44.0 34.6 51.8



#30
Chloroform
Concen: 50.497 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion: 83 Resp: 388060
Ion Ratio Lower Upper
83 100
85 64.5 51.6 77.4





#31

Cyclohexane

Concen: 49.142 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MS

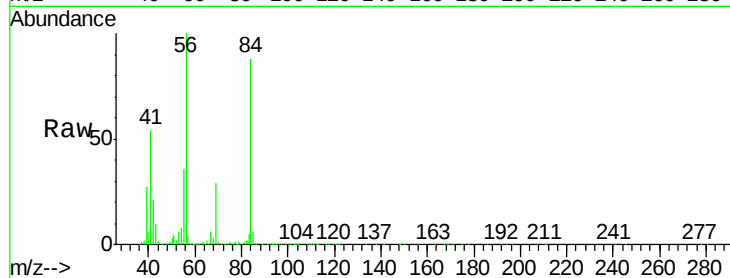
Tot Ion: 56 Resp: 325041

Ion Ratio Lower Upper

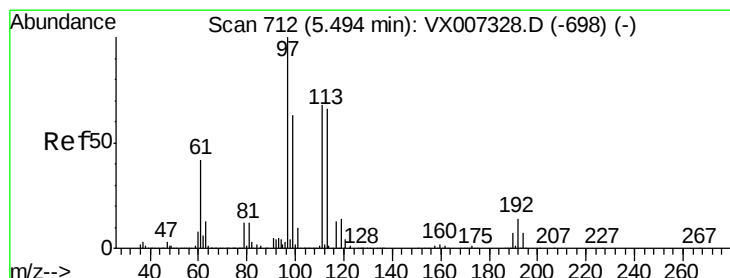
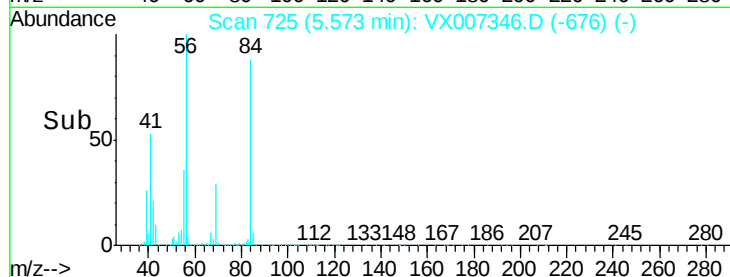
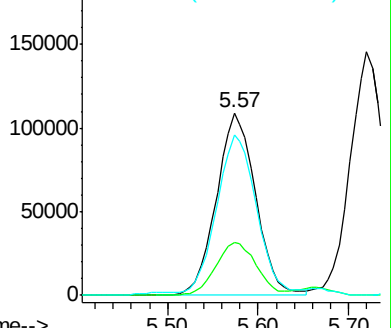
56 100

69 28.7 23.0 34.6

84 86.5 69.8 104.6



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



#32

1,1,1-Trichloroethane

Concen: 50.992 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

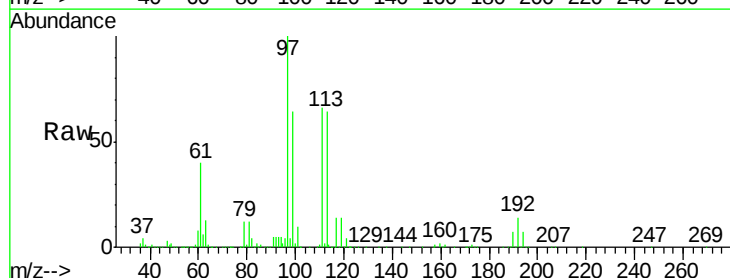
Tgt Ion: 97 Resp: 330771

Ion Ratio Lower Upper

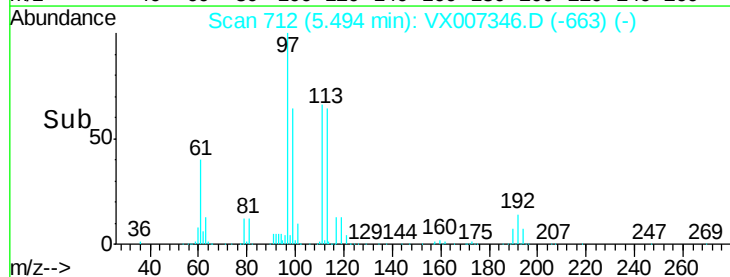
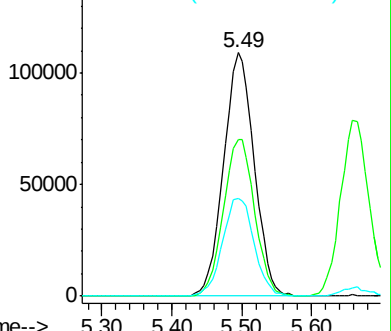
97 100

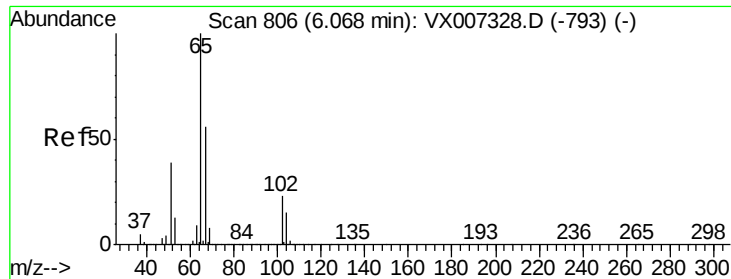
99 65.8 52.2 78.2

61 41.4 32.7 49.1



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





#33

1,2-Dichloroethane-d4

Concen: 49.745 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

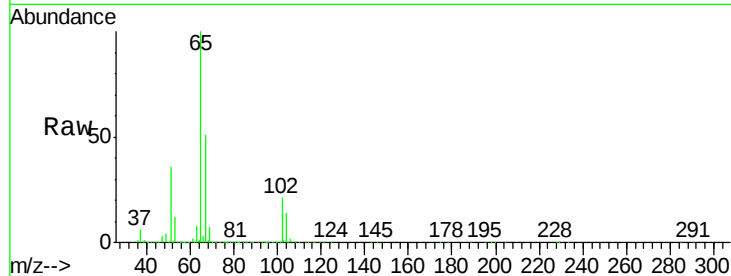
BP-TT-MW202S-20190129MS

Tot Ion: 65 Resp: 236614

Ion Ratio Lower Upper

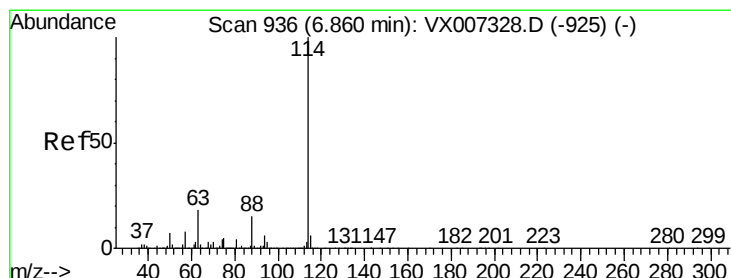
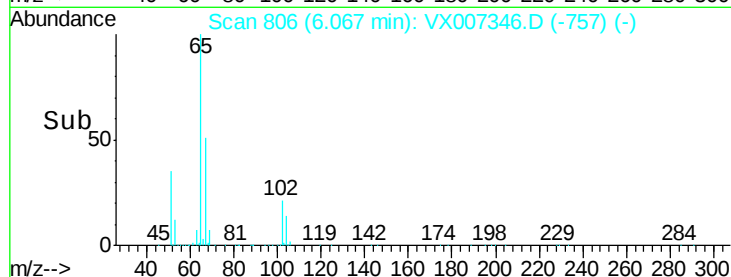
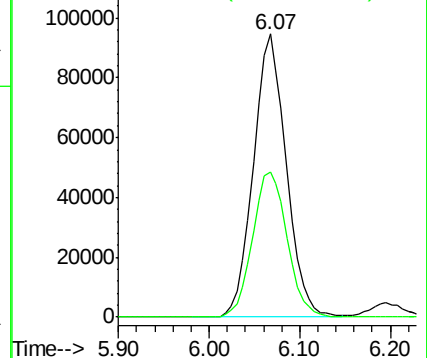
65 100

67 53.8 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

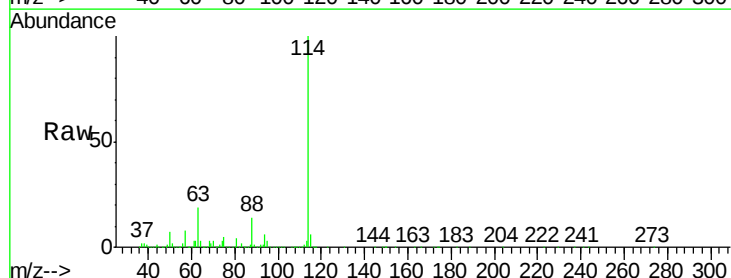
Tgt Ion: 114 Resp: 673045

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.6

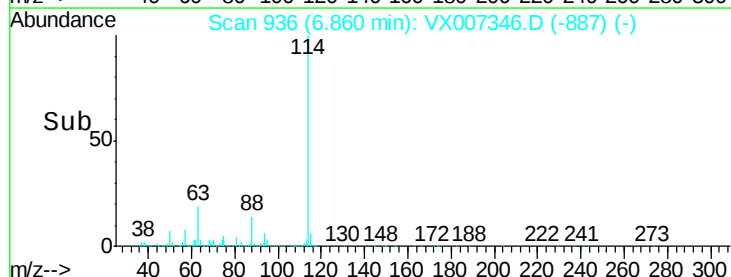
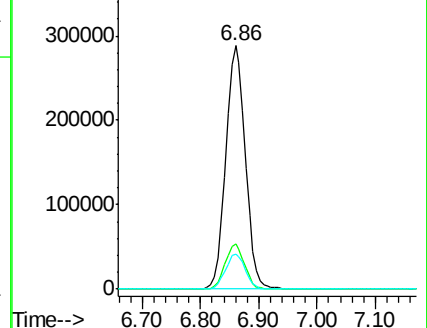
88 14.3 0.0 29.6

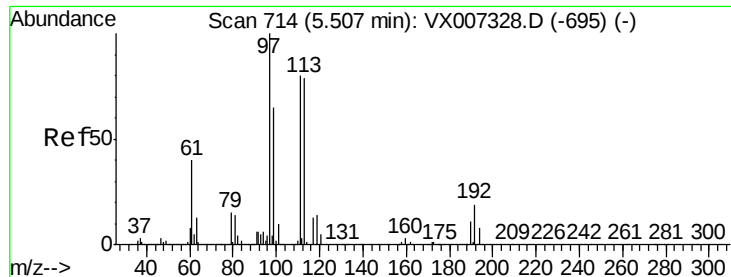


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

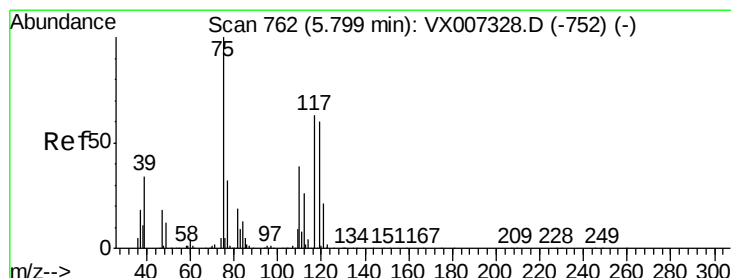
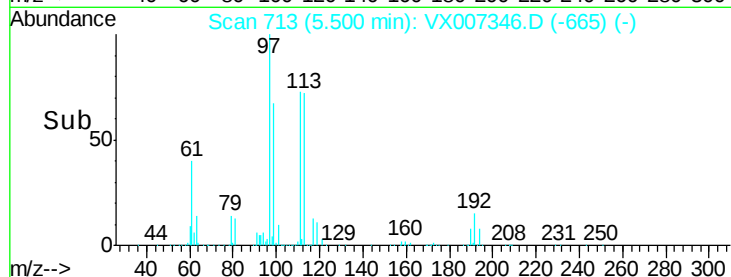
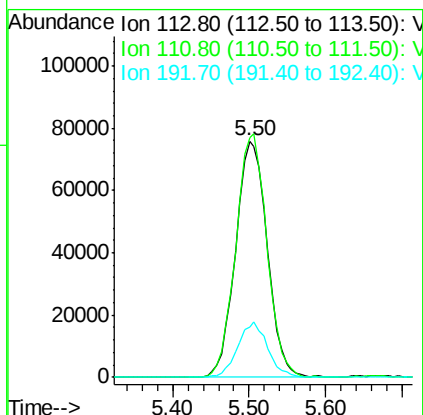
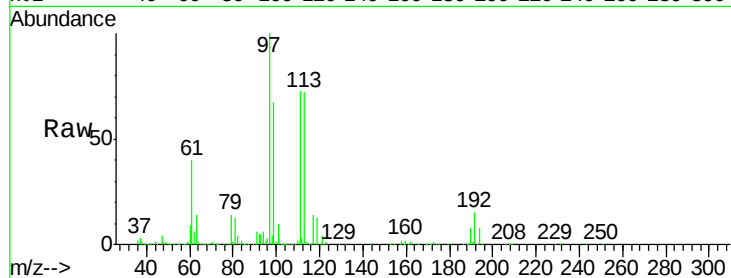




#35
Dibromofluoromethane
Concen: 49.752 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.01 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

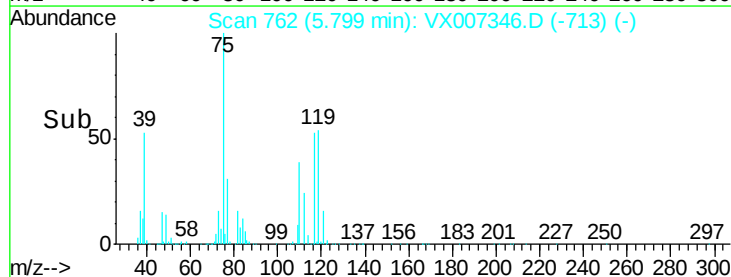
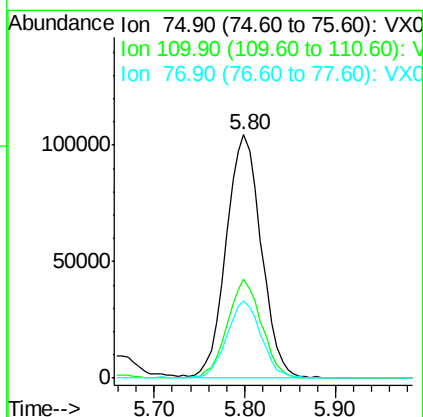
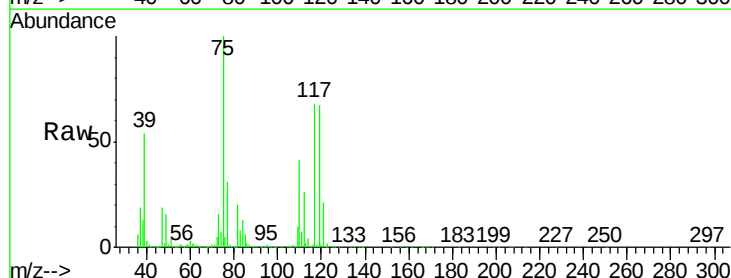
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MS

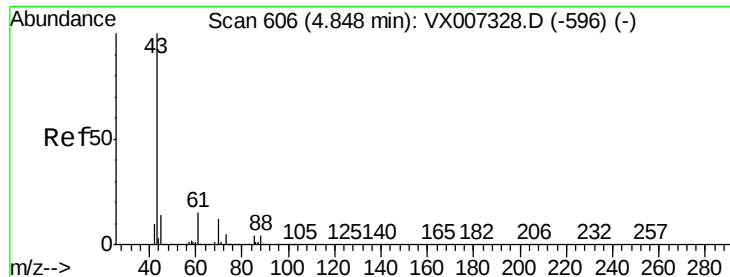
Tot Ion:113 Resp: 217875
Ion Ratio Lower Upper
113 100
111 101.4 81.8 122.8
192 22.1 18.5 27.7



#36
1,1-Dichloropropene
Concen: 46.230 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion: 75 Resp: 279173
Ion Ratio Lower Upper
75 100
110 39.7 20.0 59.9
77 31.1 24.7 37.1

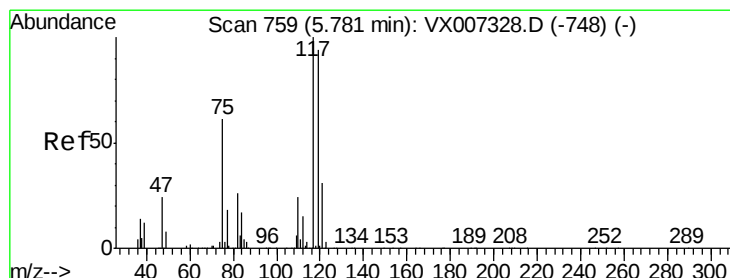
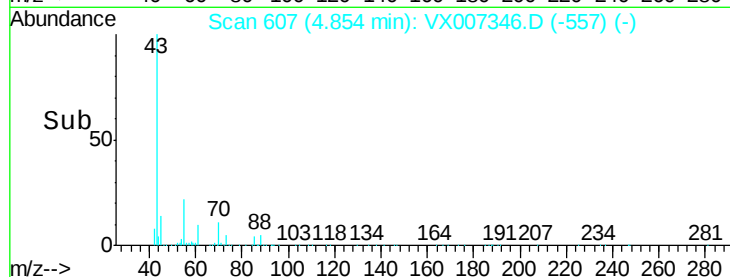
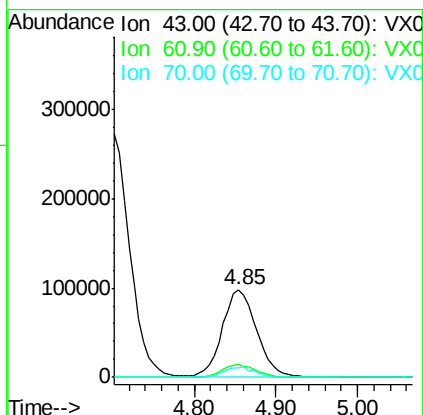
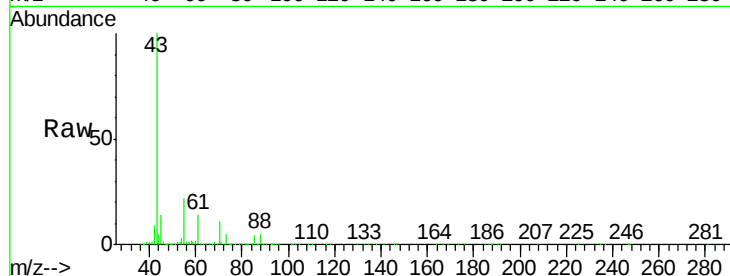




#37
Ethyl Acetate
Concen: 46.547 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

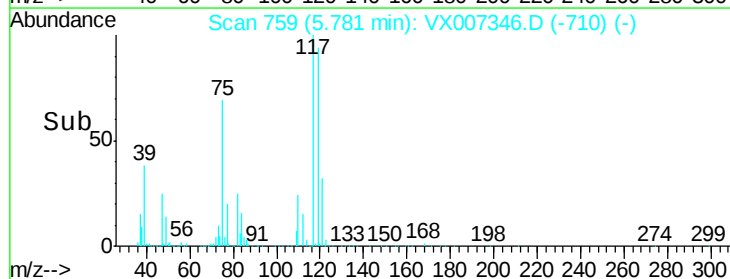
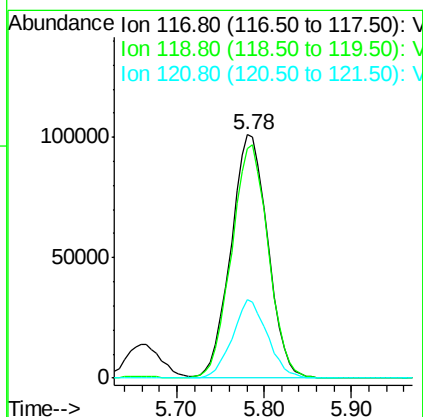
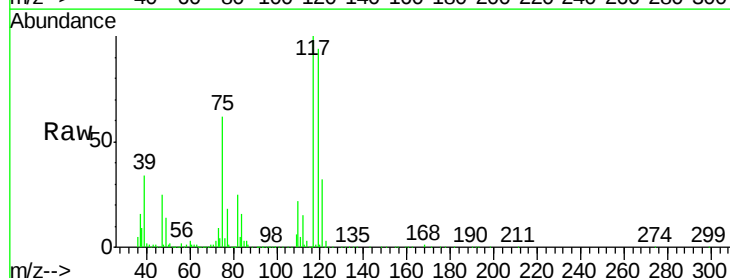
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.3	16.9
70	11.2	8.6	13.0



#38
Carbon Tetrachloride
Concen: 50.315 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.3	112.9
121	32.1	25.0	37.4

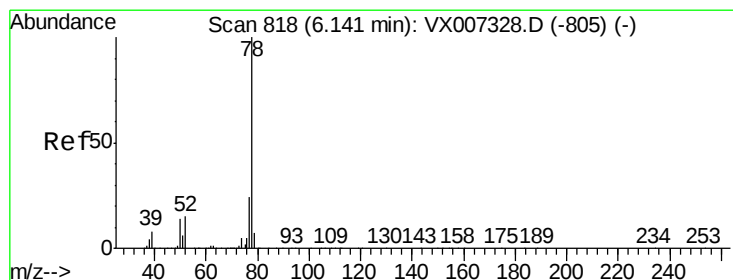
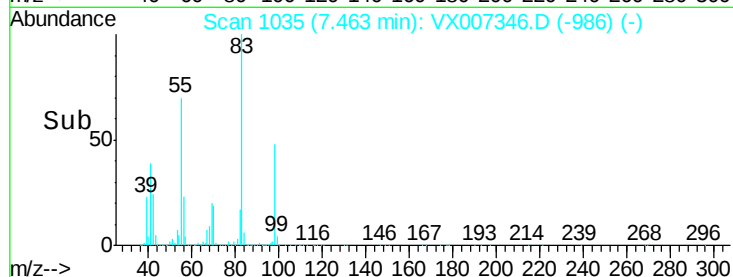
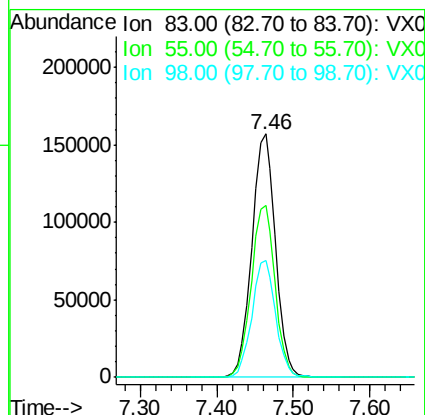
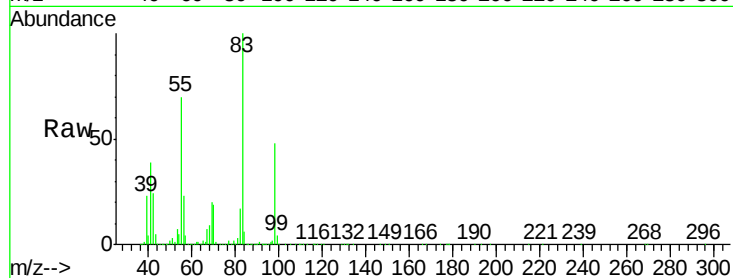




#39
Methvlcvclohexane
Concen: 46.454 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

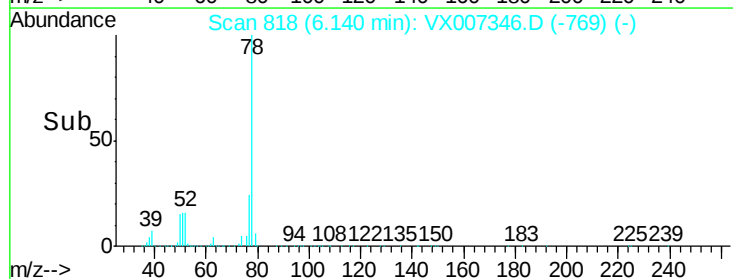
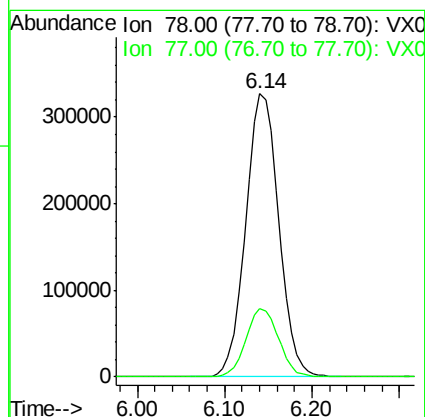
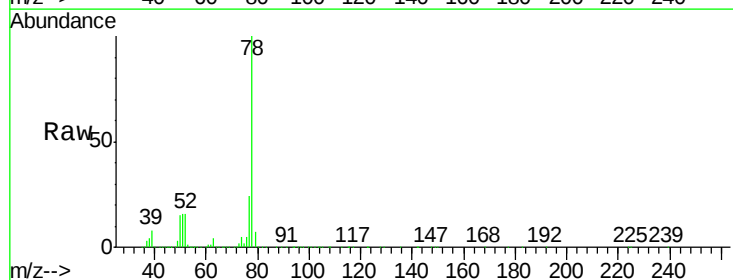
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MS

Tot Ion: 83 Resp: 339411
Ion Ratio Lower Upper
83 100
55 70.4 56.2 84.2
98 48.2 36.8 55.2



#40
Benzene
Concen: 48.281 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion: 78 Resp: 858845
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9





#41

Methacrylonitrile

Concen: 51.541 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MS

Tot Ion: 41 Resp: 168626

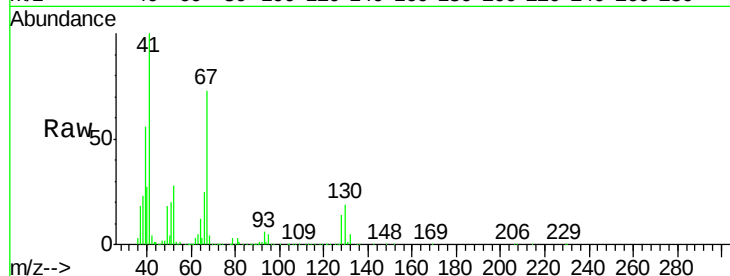
Ion Ratio Lower Upper

41 100

39 54.3 44.5 66.7

67 76.7 60.4 90.6

52 30.0 24.1 36.1

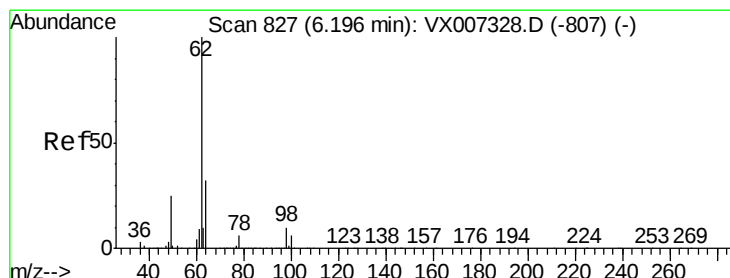
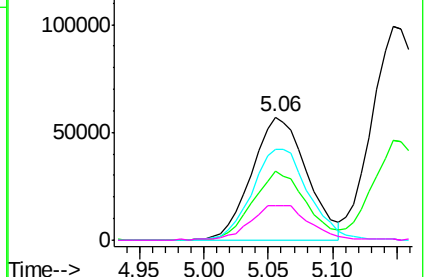
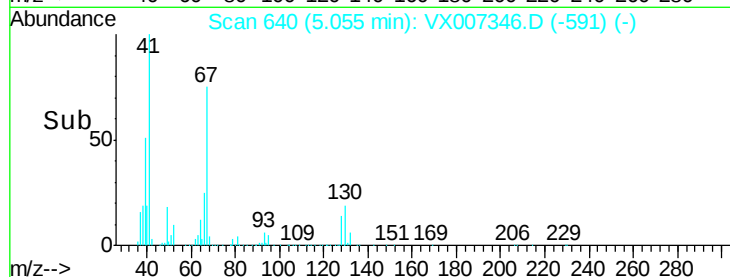


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.256 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007346.D

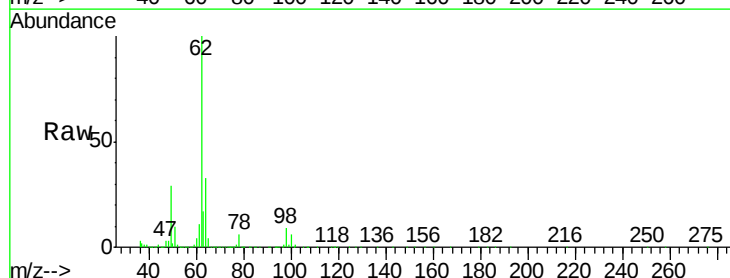
Acq: 01 Feb 2019 19:33

Tgt Ion: 62 Resp: 297002

Ion Ratio Lower Upper

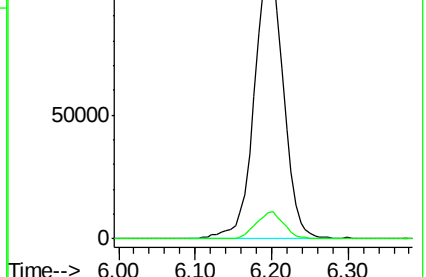
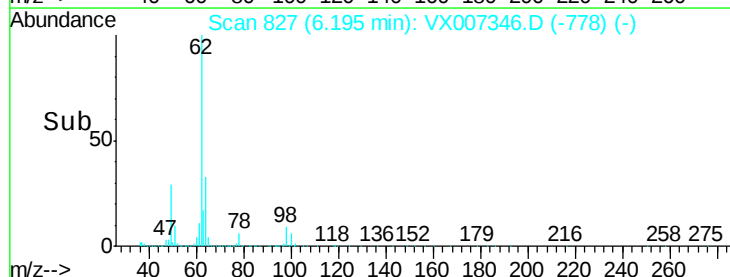
62 100

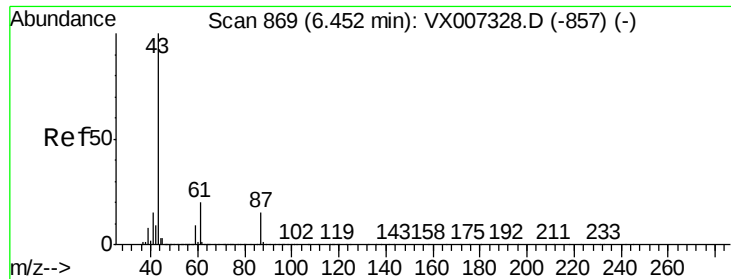
98 9.5 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



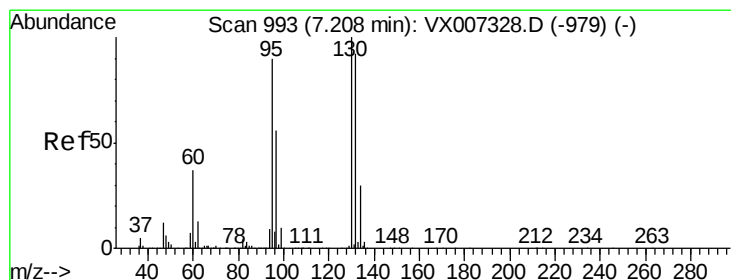
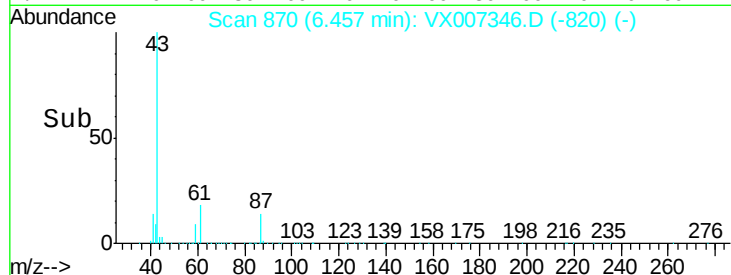
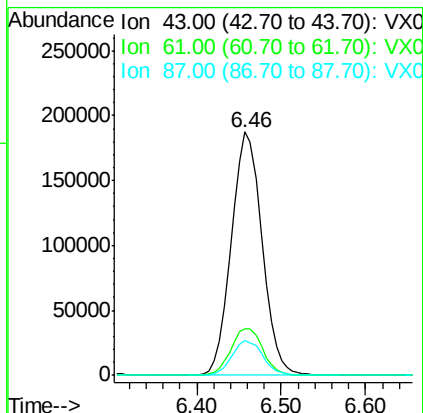
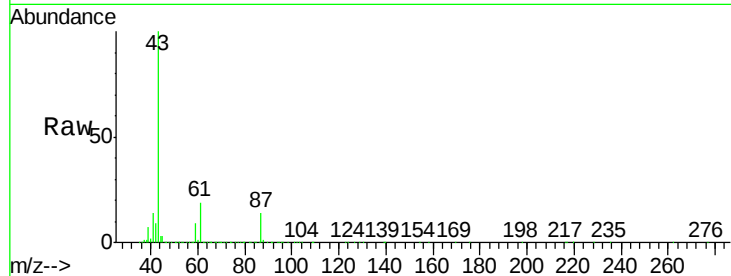


#43

Isopropyl Acetate
 Concen: 48.829 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007346.D
 Acq: 01 Feb 2019 19:33

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

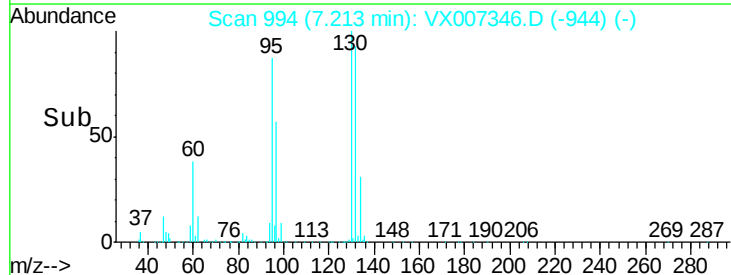
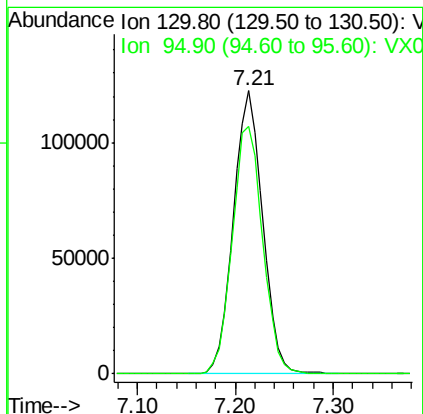
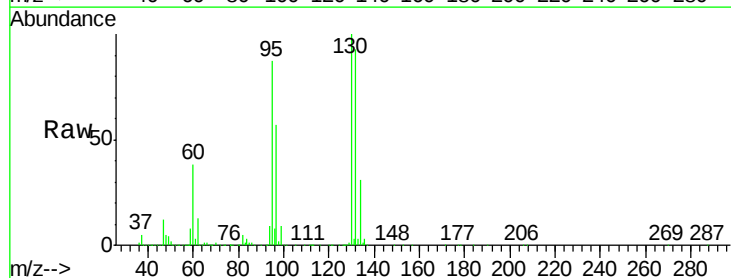
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.1	24.1
87	14.5	11.5	17.3

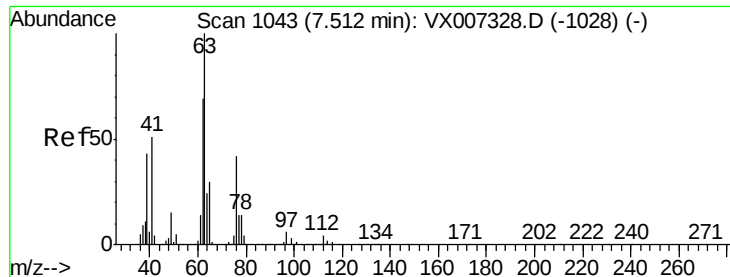


#44

Trichloroethene
 Concen: 47.577 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007346.D
 Acq: 01 Feb 2019 19:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.4	0.0	180.0





#45

1,2-Dichloropropane

Concen: 49.006 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

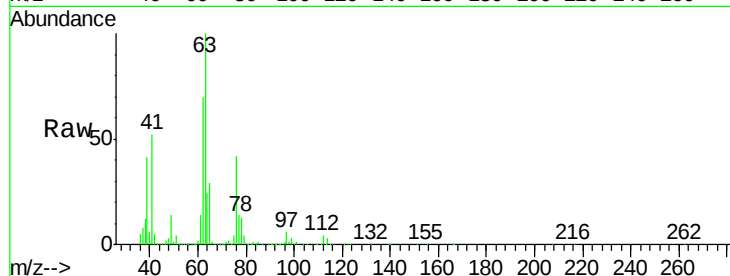
BP-TT-MW202S-20190129MS

Tot Ion: 63 Resp: 218418

Ion Ratio Lower Upper

63 100

65 29.0 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

120000

100000

80000

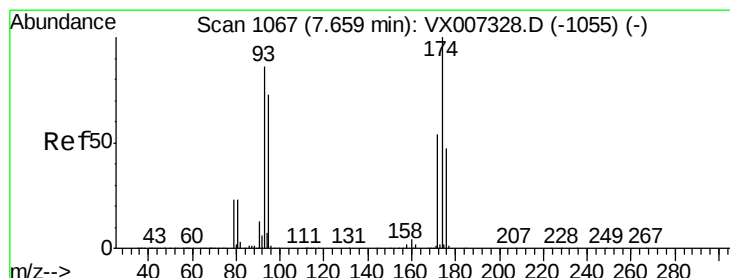
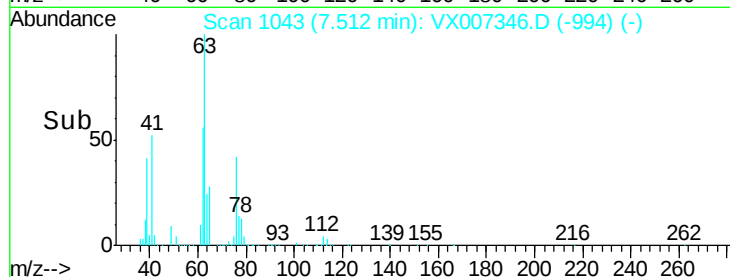
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 48.276 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

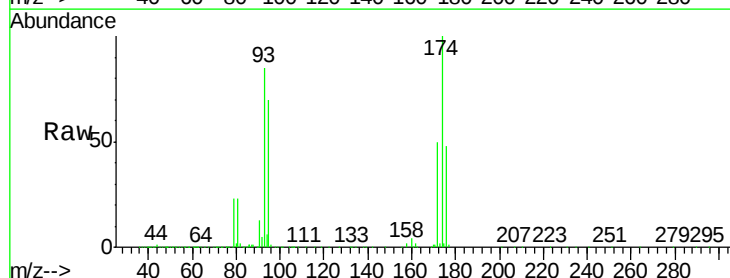
Tgt Ion: 93 Resp: 156383

Ion Ratio Lower Upper

93 100

95 83.6 67.6 101.4

174 116.4 94.2 141.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

120000

100000

80000

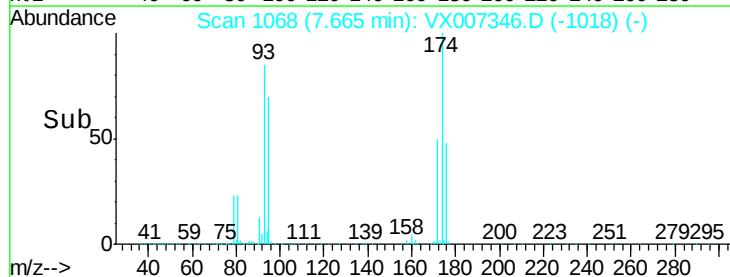
60000

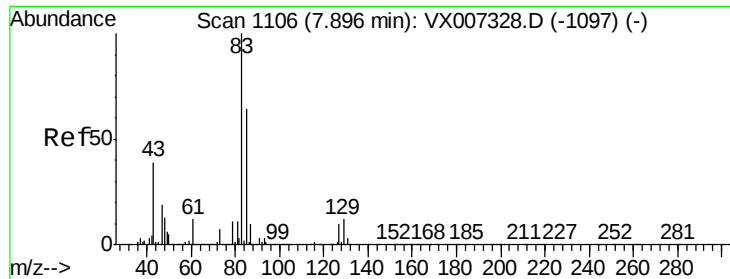
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 50.372 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MS

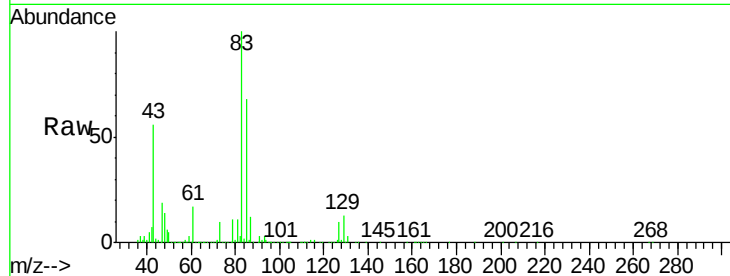
Tot Ion: 83 Resp: 276538

Ion Ratio Lower Upper

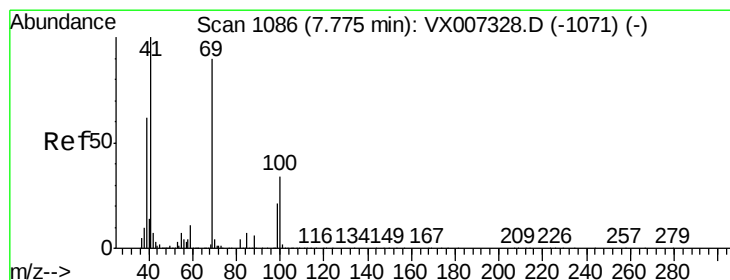
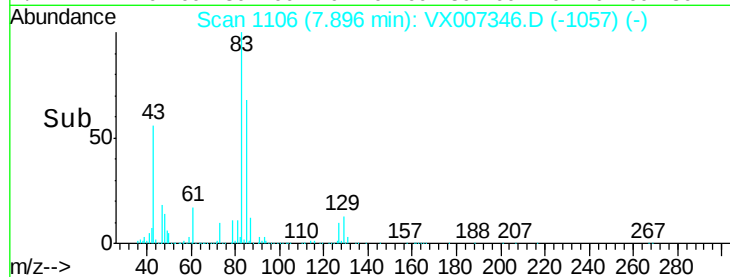
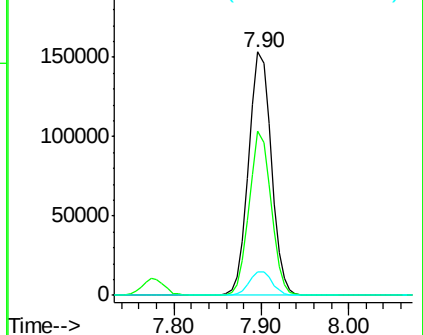
83 100

85 67.5 51.4 77.0

127 9.7 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: 53.594 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

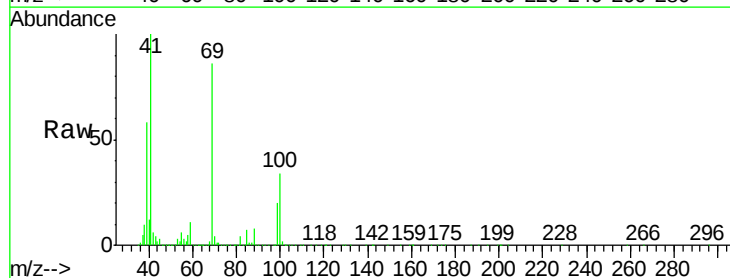
Tgt Ion: 41 Resp: 252590

Ion Ratio Lower Upper

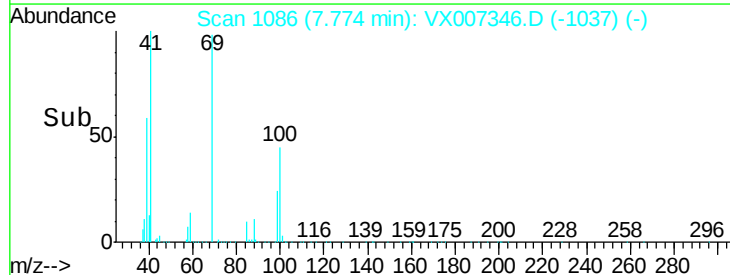
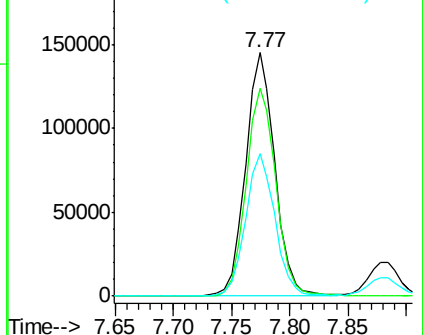
41 100

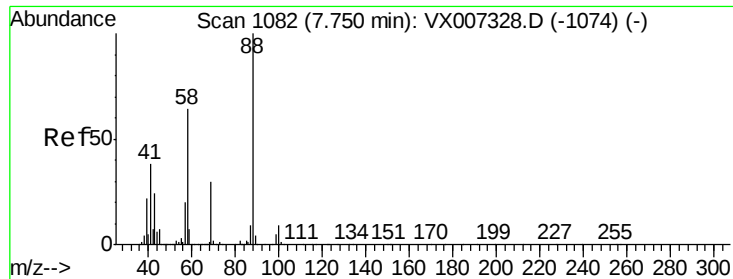
69 87.6 70.2 105.4

39 58.6 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

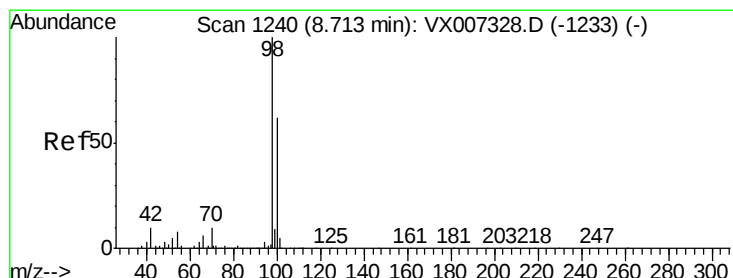
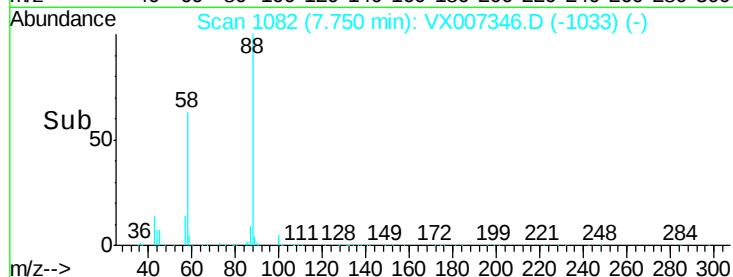
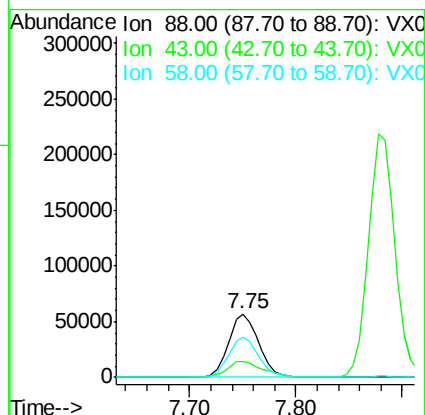
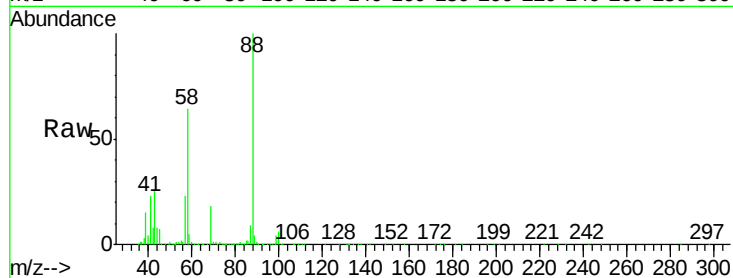




#49
1,4-Dioxane
Concen: 1046.502 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

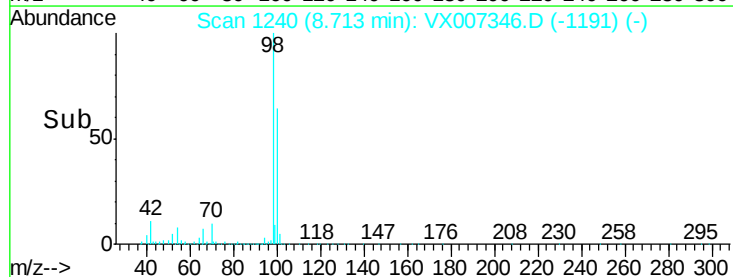
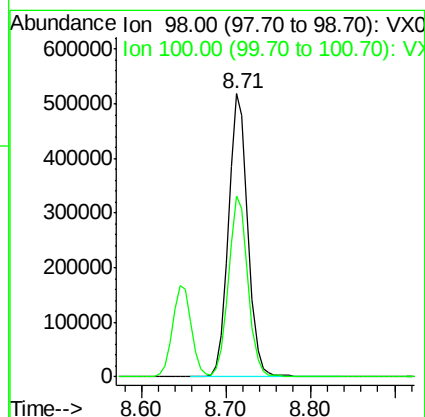
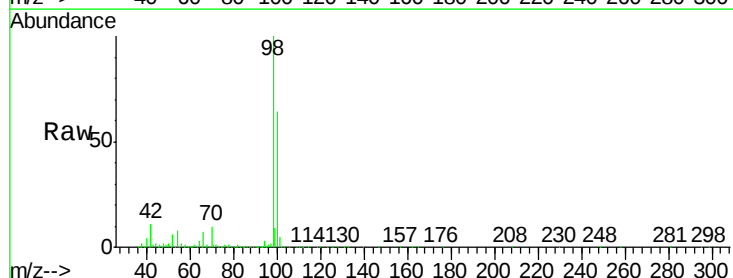
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MS

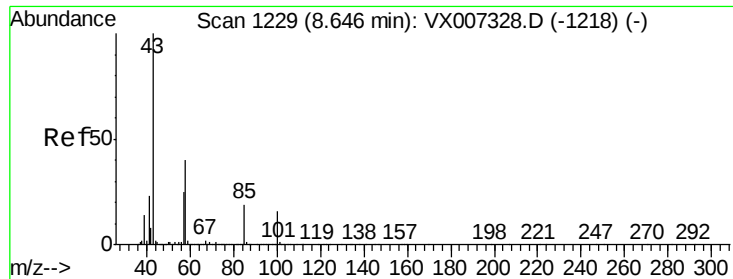
Tot Ion	88	Resp	112202
Ion	Ratio	Lower	Upper
88	100		
43	29.2	24.2	36.4
58	65.0	53.0	79.4



#50
Toluene-d8
Concen: 49.921 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion	98	Resp	811102
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 263.153 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

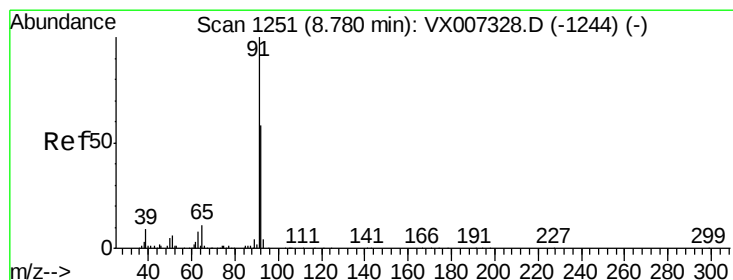
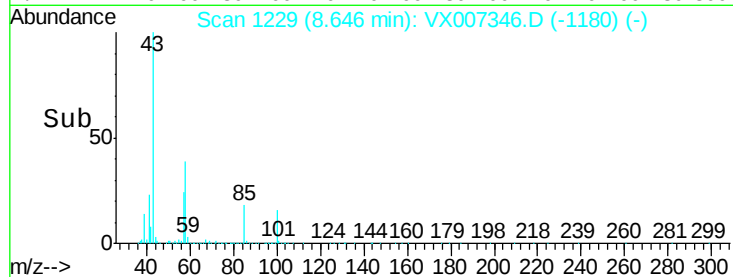
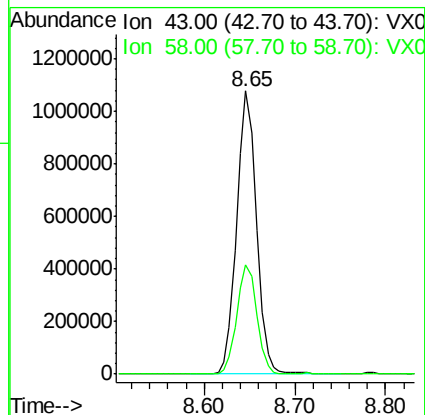
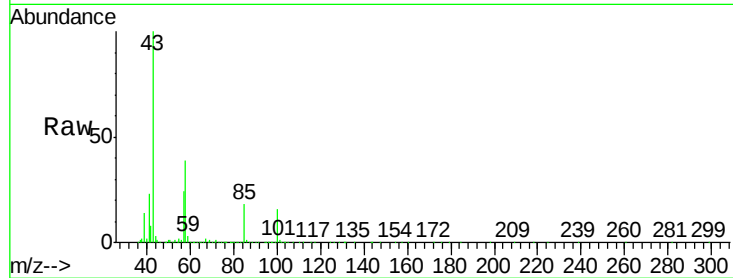
BP-TT-MW202S-20190129MS

Tot Ion: 43 Resp: 1632285

Ion Ratio Lower Upper

43 100

58 39.1 31.2 46.8



#52

Toluene

Concen: 48.725 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007346.D

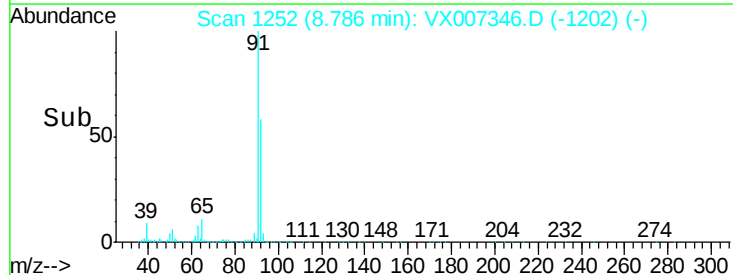
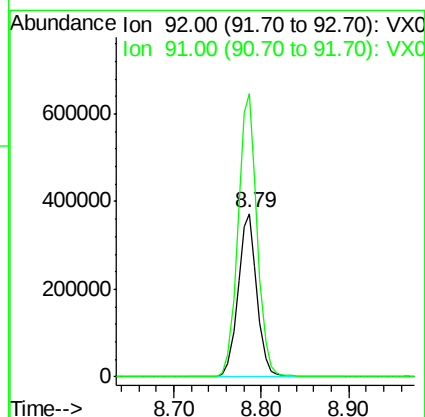
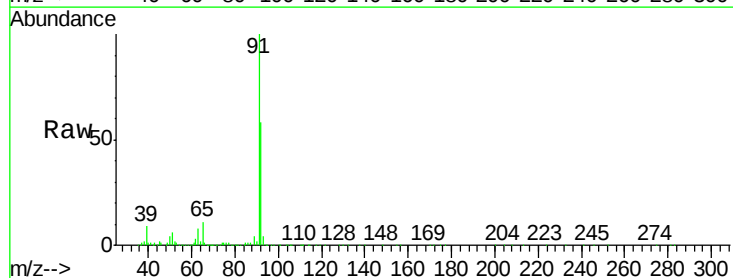
Acq: 01 Feb 2019 19:33

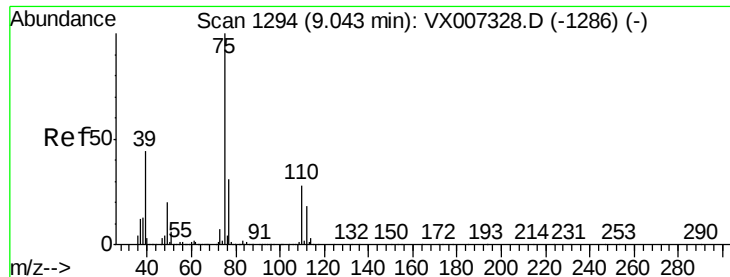
Tgt Ion: 92 Resp: 559220

Ion Ratio Lower Upper

92 100

91 176.4 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 51.403 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

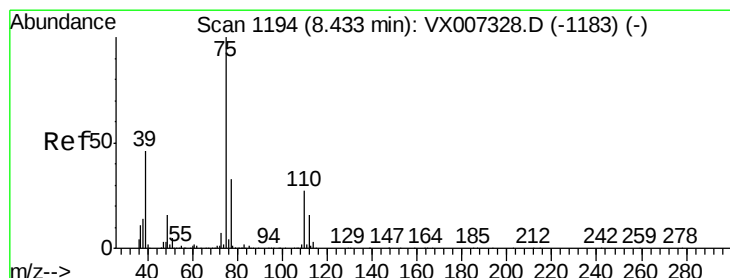
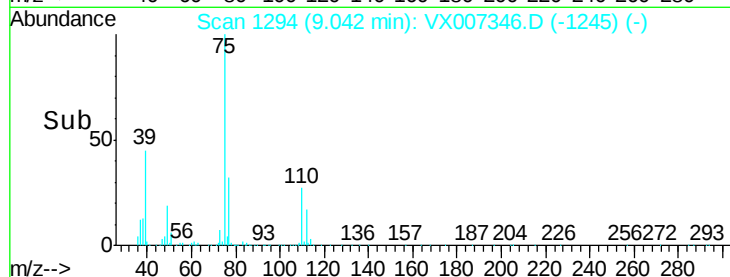
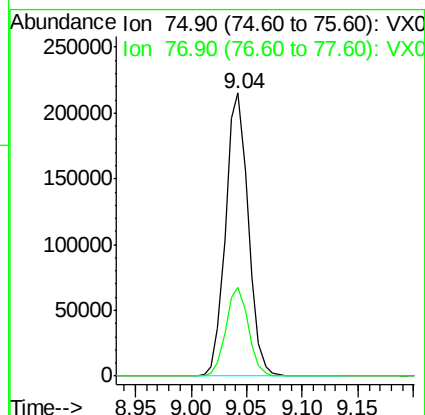
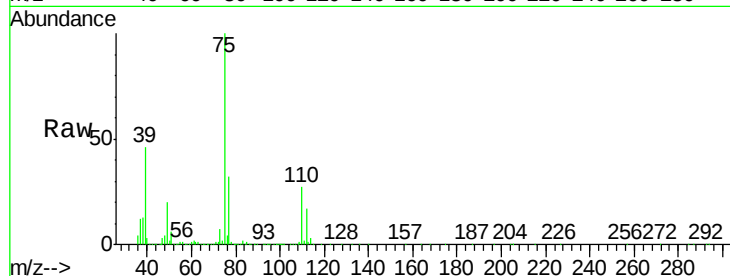
BP-TT-MW202S-20190129MS

Tot Ion: 75 Resp: 303124

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 50.446 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

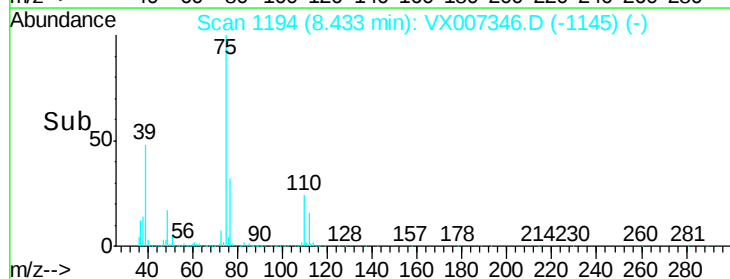
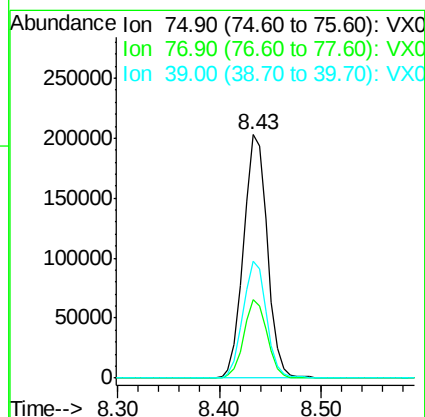
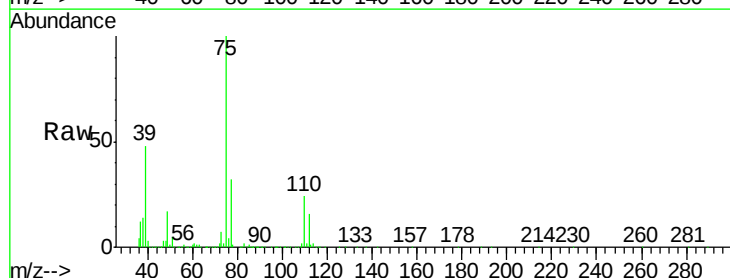
Tgt Ion: 75 Resp: 327141

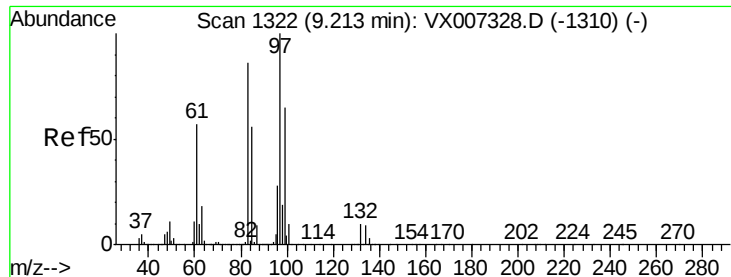
Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.4

39 47.8 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 48.685 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MS

Tot Ion: 97 Resp: 232914

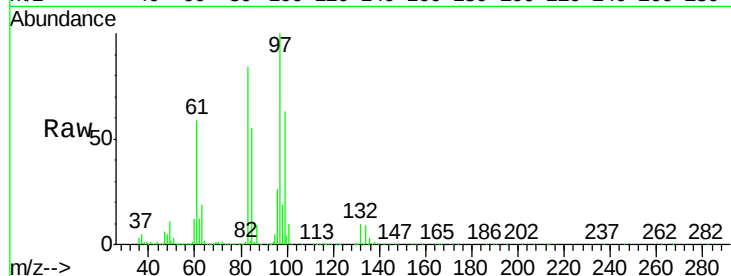
Ion Ratio Lower Upper

97 100

83 83.6 68.6 102.8

85 55.2 44.5 66.7

99 62.9 52.2 78.4

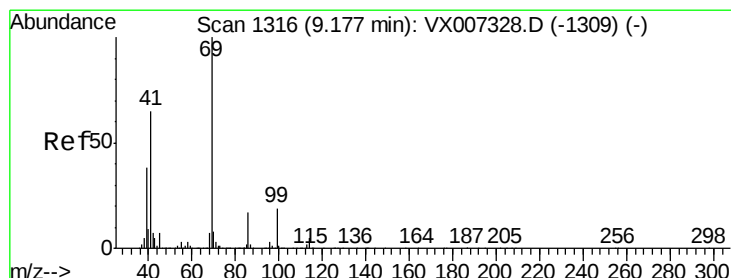
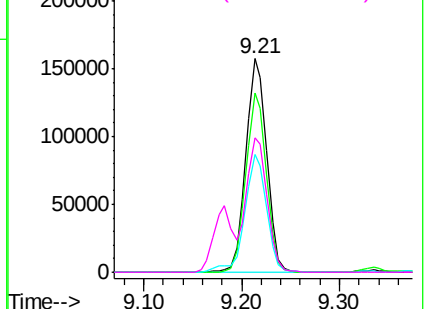
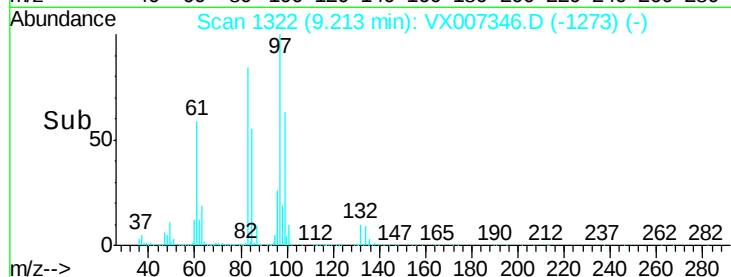


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 51.524 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

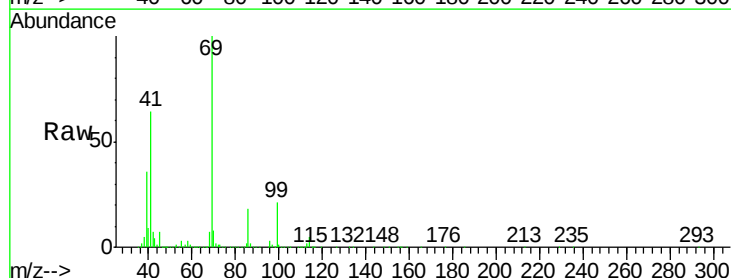
Tgt Ion: 69 Resp: 341403

Ion Ratio Lower Upper

69 100

41 65.2 52.1 78.1

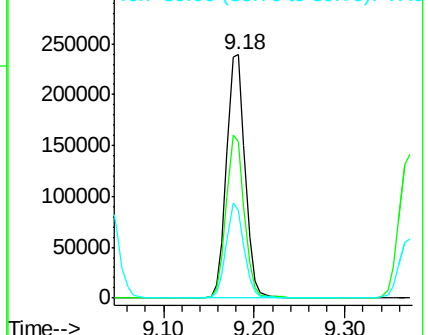
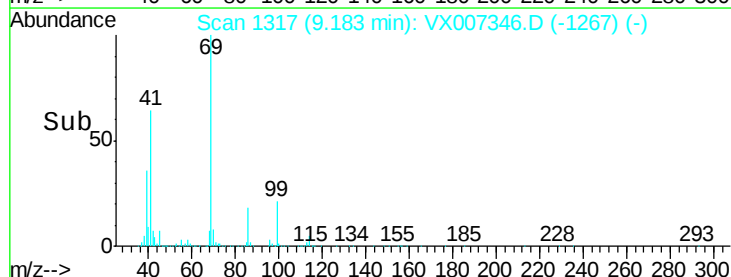
39 37.1 30.1 45.1



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: 49.239 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

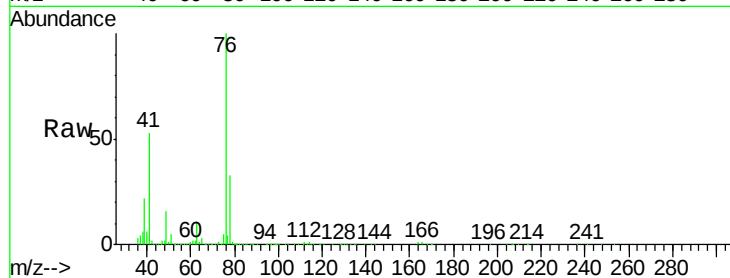
BP-TT-MW202S-20190129MS

Tot Ion: 76 Resp: 374614

Ion Ratio Lower Upper

76 100

78 32.1 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

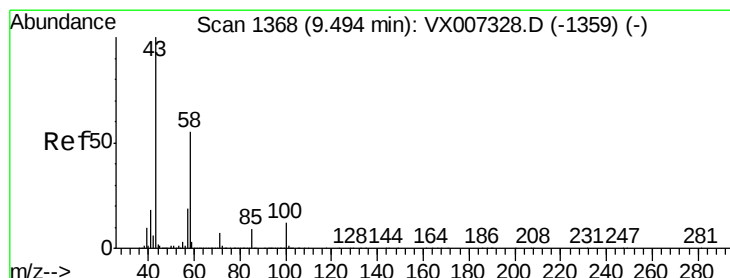
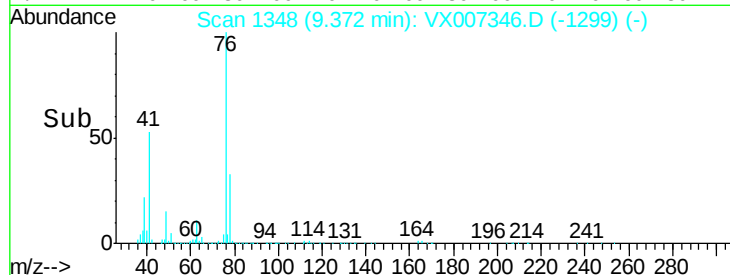
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 256.152 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX007346.D

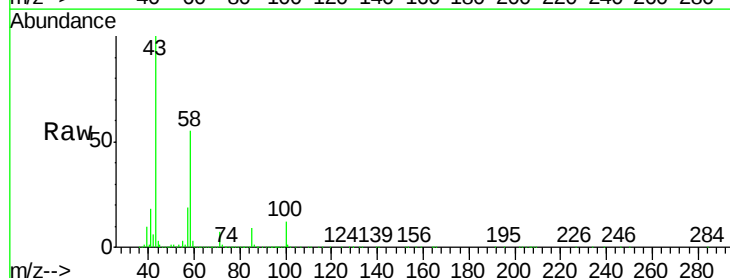
Acq: 01 Feb 2019 19:33

Tgt Ion: 43 Resp: 1236398

Ion Ratio Lower Upper

43 100

58 55.1 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

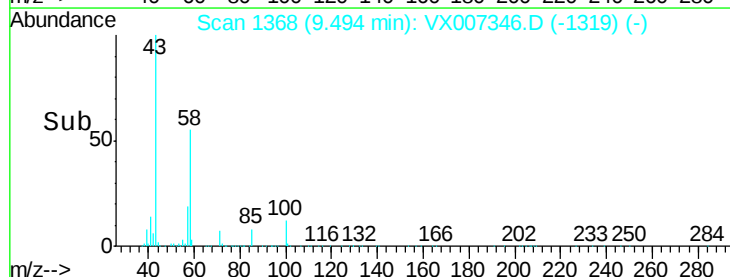
600000

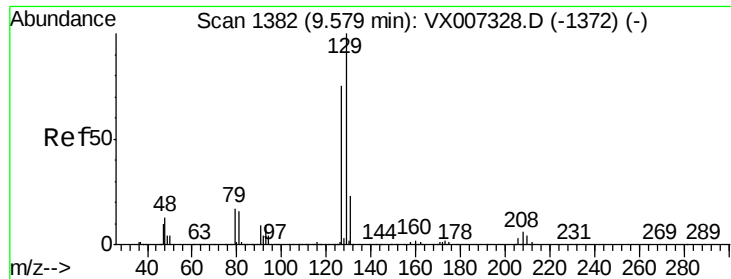
400000

200000

0

Time-->





#60

Dibromochloromethane

Concen: 54.325 ug/l

RT: 9.58 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

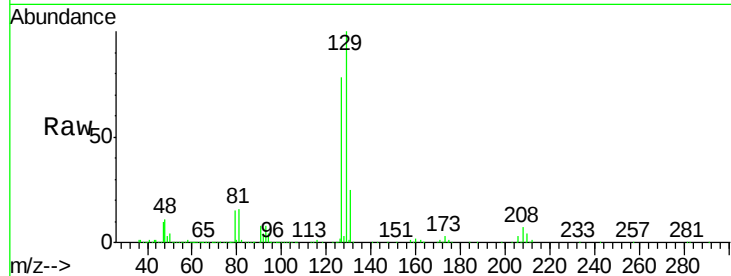
BP-TT-MW202S-20190129MS

Tot Ion:129 Resp: 245802

Ion Ratio Lower Upper

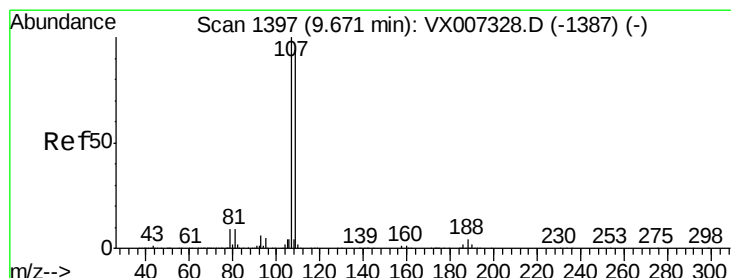
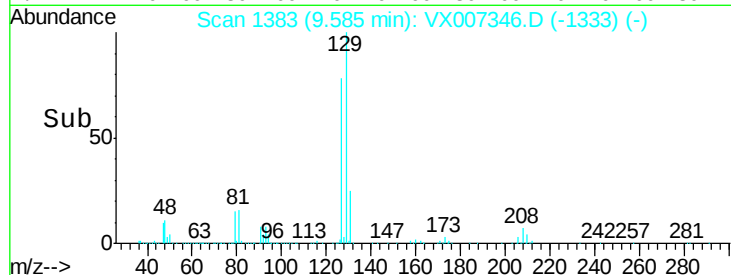
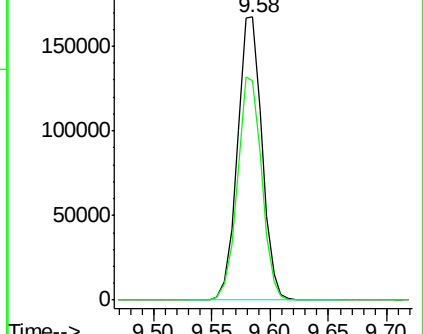
129 100

127 77.8 37.8 113.4



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 50.280 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007346.D

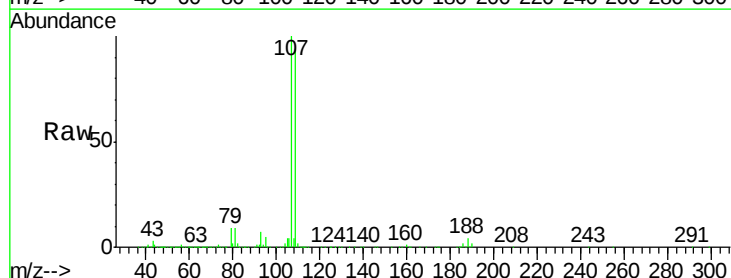
Acq: 01 Feb 2019 19:33

Tgt Ion:107 Resp: 254738

Ion Ratio Lower Upper

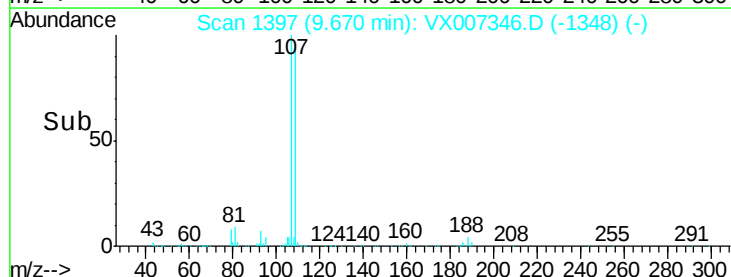
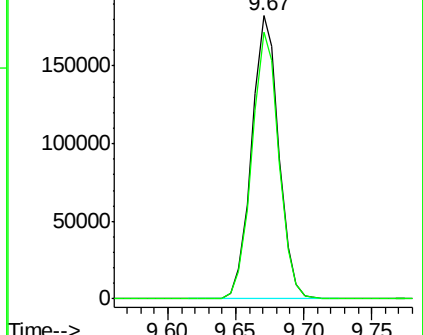
107 100

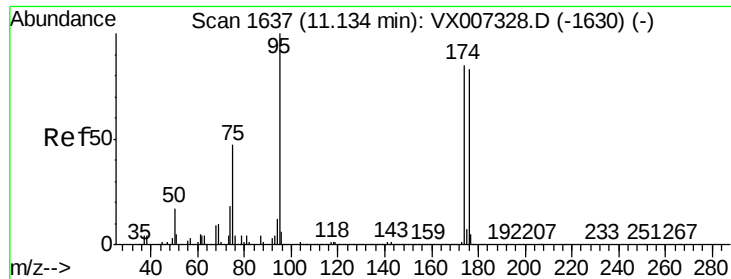
109 94.8 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 50.058 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MS

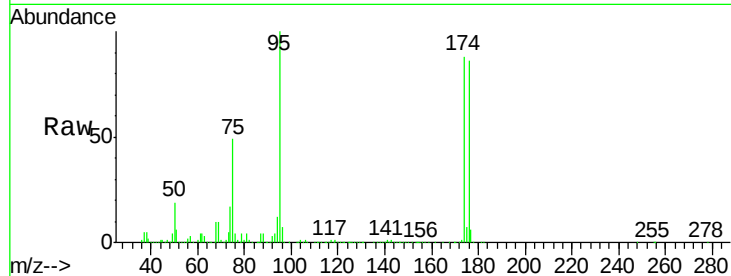
Tot Ion: 95 Resp: 296948

Ion Ratio Lower Upper

95 100

174 94.1 0.0 189.2

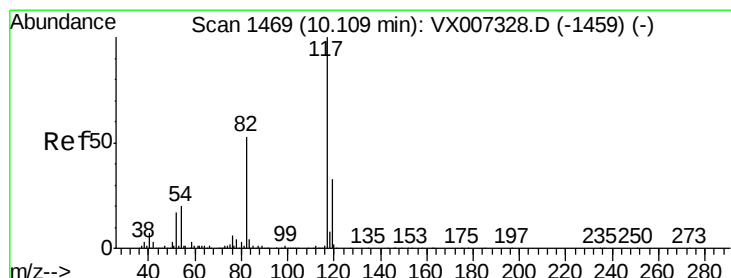
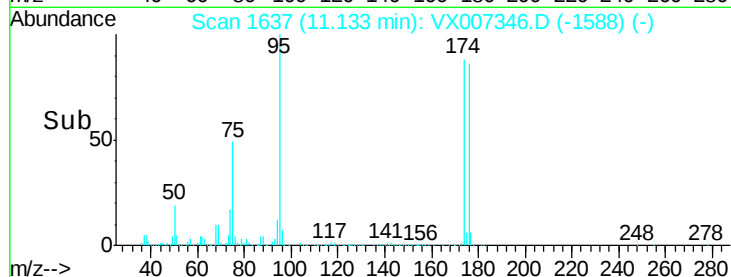
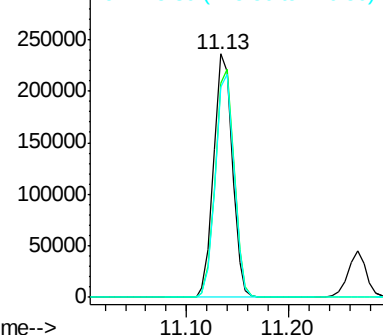
176 91.7 0.0 186.2



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: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

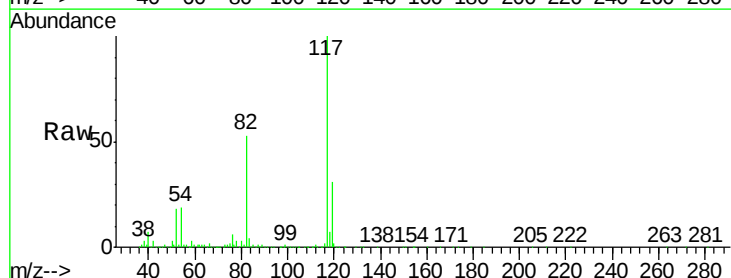
Tgt Ion: 117 Resp: 637164

Ion Ratio Lower Upper

117 100

82 52.8 42.1 63.1

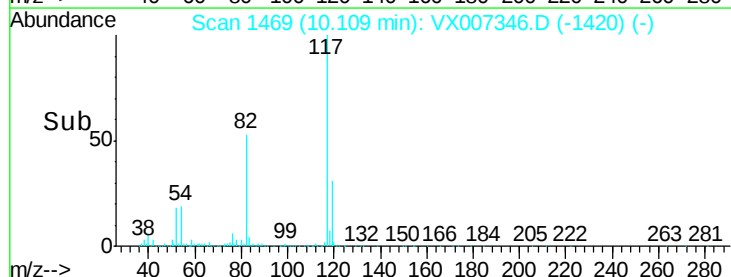
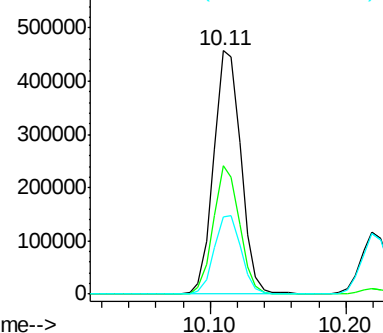
119 31.5 26.5 39.7

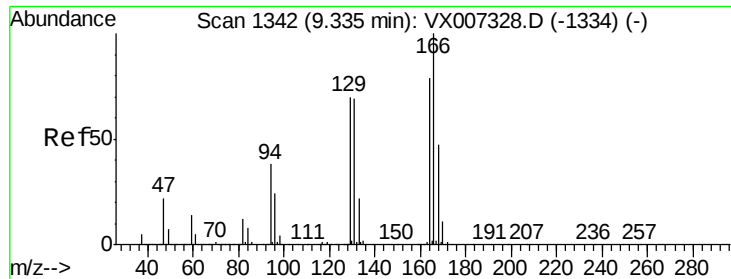


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

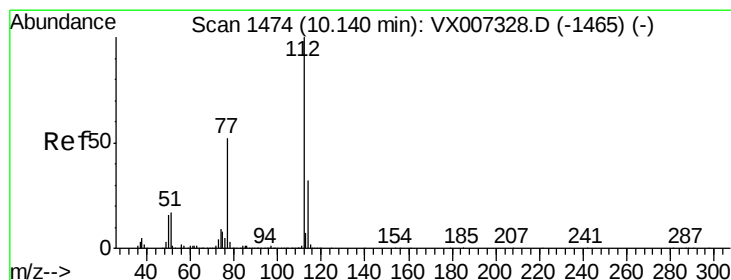
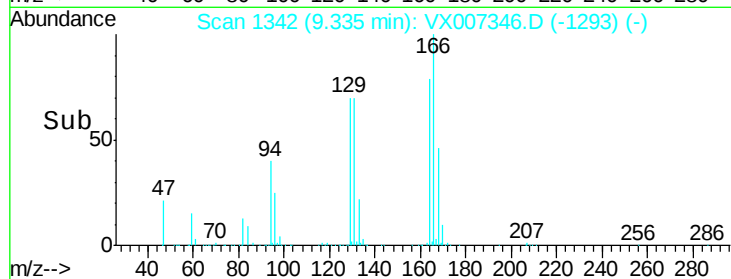
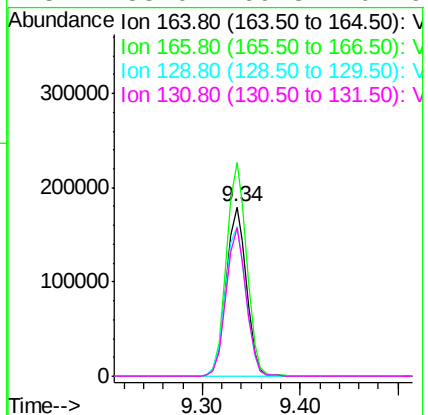
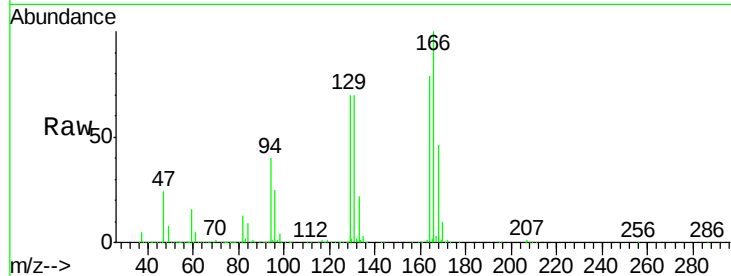




#64
Tetrachloroethene
Concen: 42.866 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

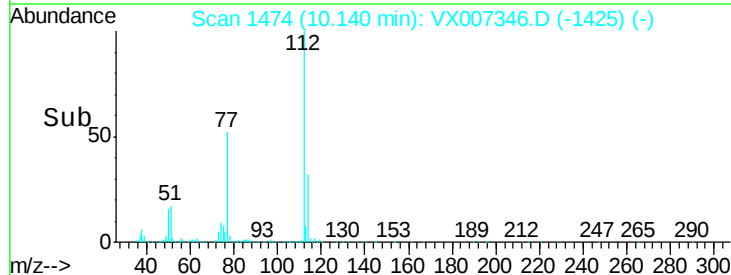
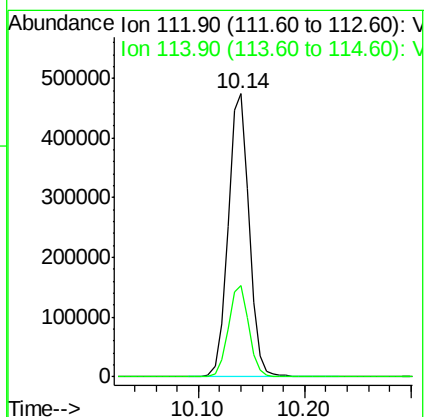
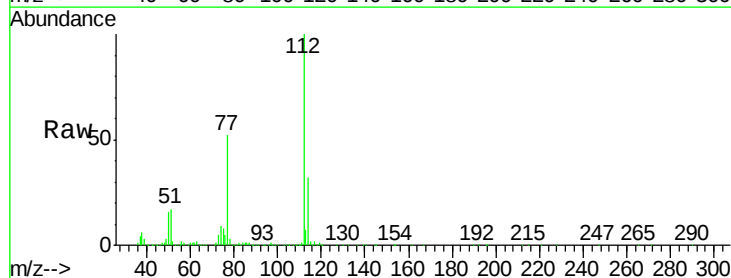
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MS

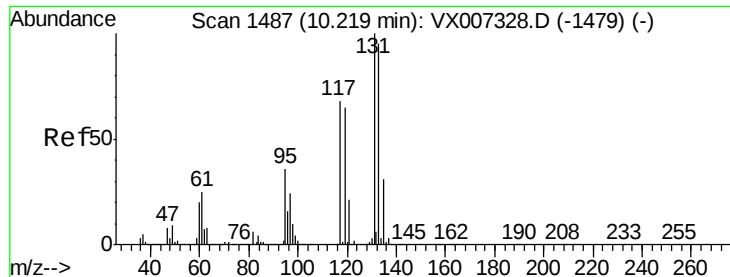
Tot Ion	Ratio	Lower	Upper
164	100		
166	126.2	101.0	151.4
129	88.8	70.5	105.7
131	88.0	69.8	104.6



#65
Chlorobenzene
Concen: 46.954 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.8	38.6





#66

1,1,1,2-Tetrachloroethane

Concen: 49.988 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MS

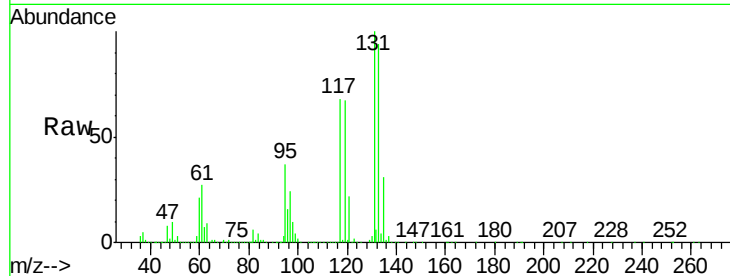
Tot Ion:131 Resp: 233026

Ion Ratio Lower Upper

131 100

133 96.3 48.0 144.2

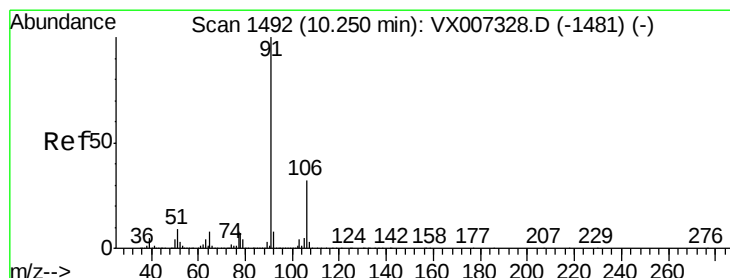
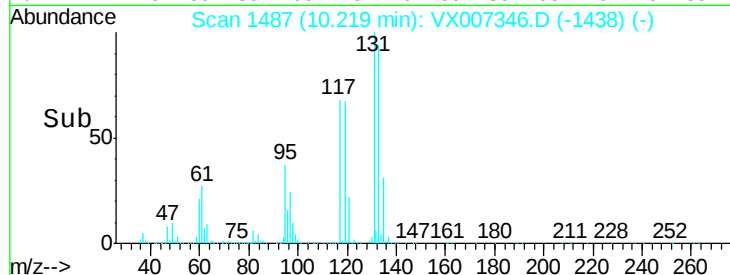
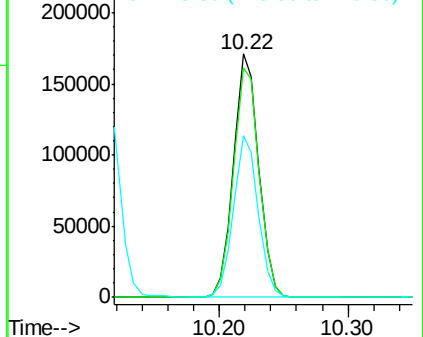
119 65.0 32.0 96.0



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: 48.118 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007346.D

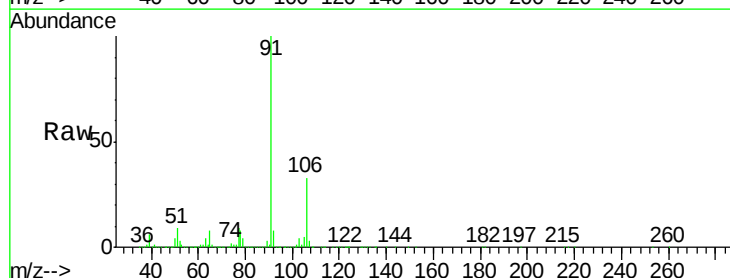
Acq: 01 Feb 2019 19:33

Tgt Ion: 91 Resp: 1077414

Ion Ratio Lower Upper

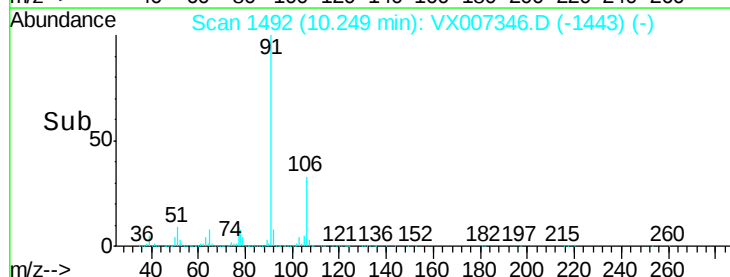
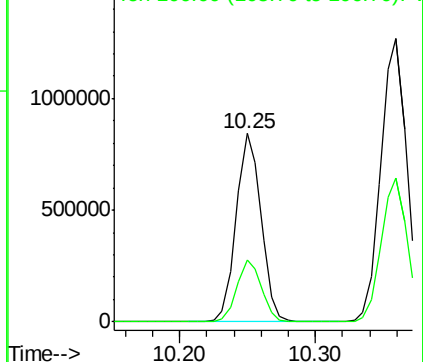
91 100

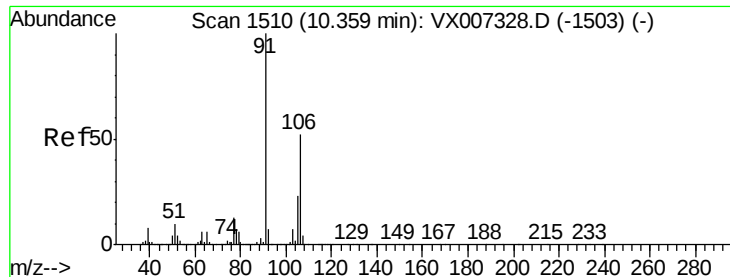
106 32.8 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 96.260 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

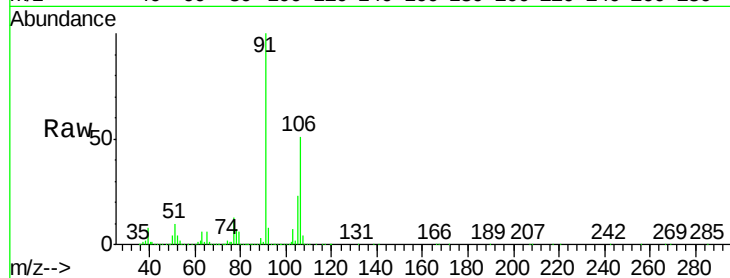
BP-TT-MW202S-20190129MS

Tot Ion:106 Resp: 856781

Ion Ratio Lower Upper

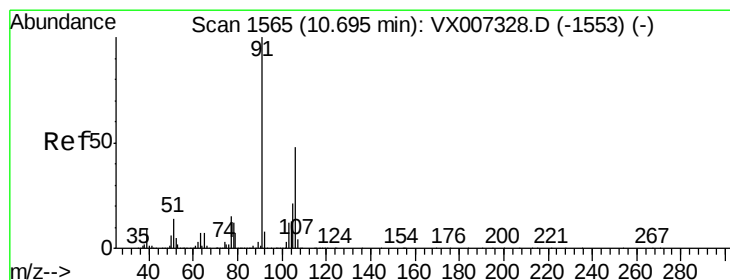
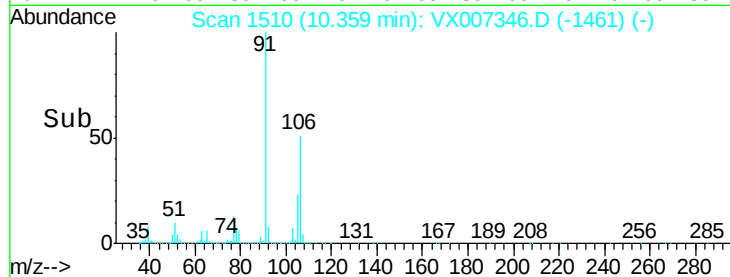
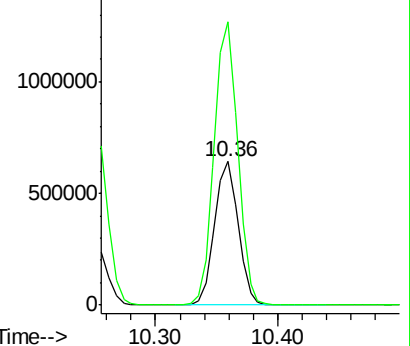
106 100

91 197.2 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 48.991 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VX007346.D

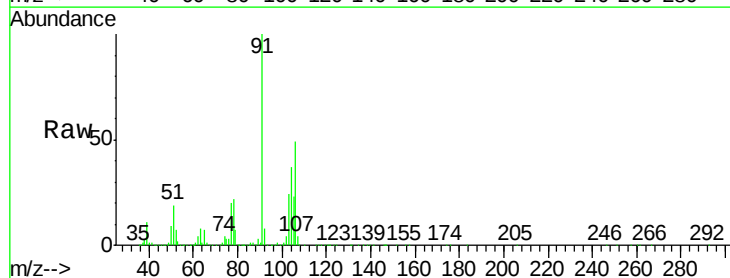
Acq: 01 Feb 2019 19:33

Tgt Ion:106 Resp: 419592

Ion Ratio Lower Upper

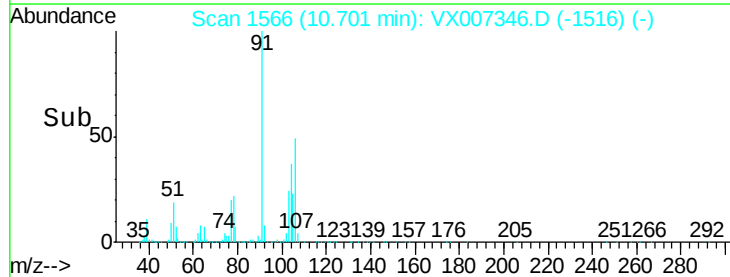
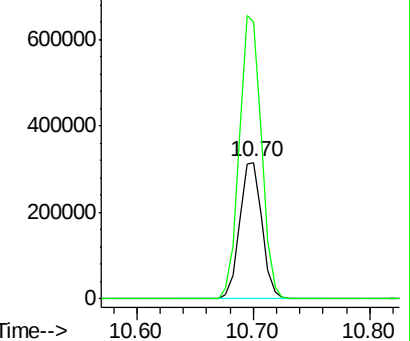
106 100

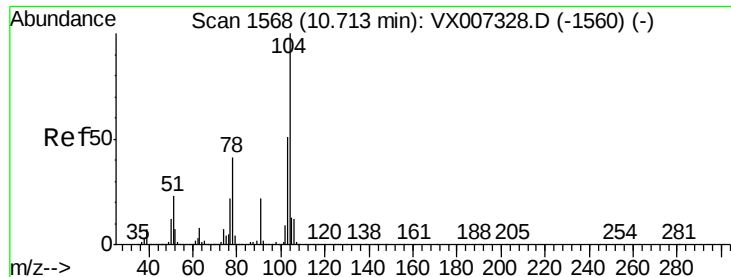
91 206.7 102.9 308.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 49.326 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MS

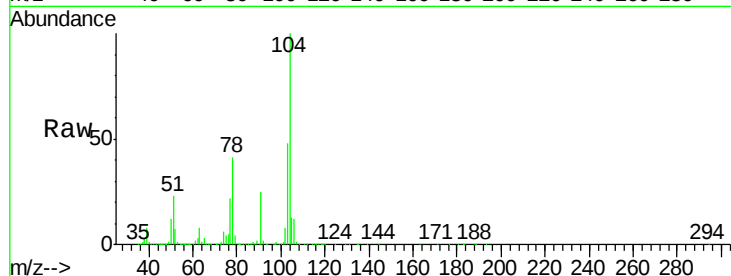
Tot Ion:104 Resp: 685139

Ion Ratio Lower Upper

104 100

78 47.4 38.3 57.5

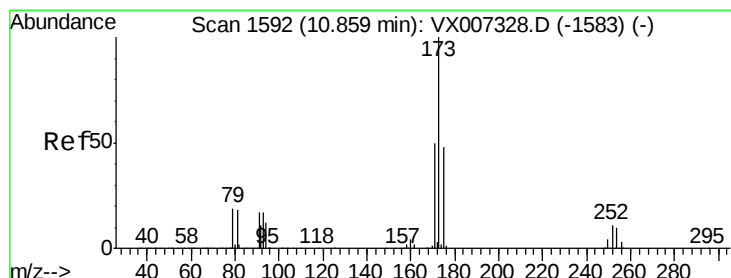
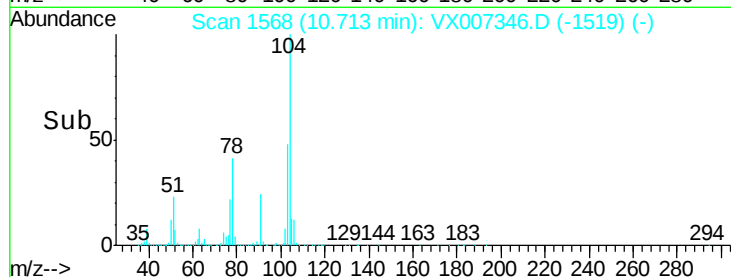
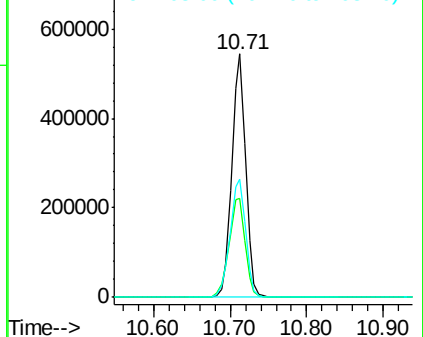
103 54.6 44.6 67.0



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: 46.839 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

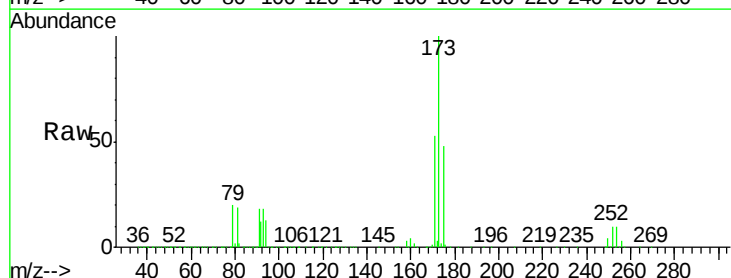
Tgt Ion:173 Resp: 190372

Ion Ratio Lower Upper

173 100

175 47.2 24.2 72.6

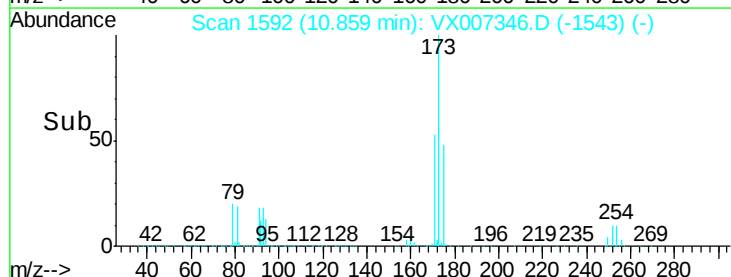
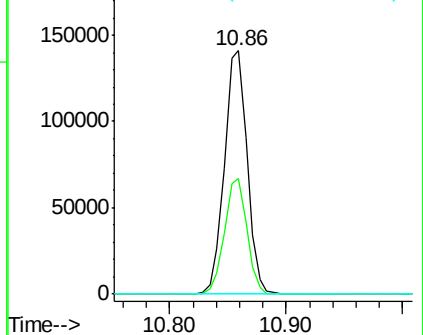
254 0.3 0.2 0.2#

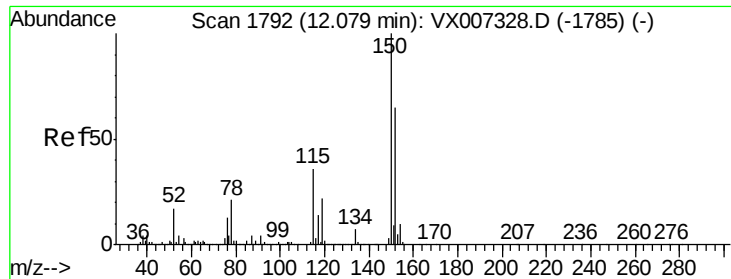


Abundance Ion 172.70 (172.40 to 173.40): V

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: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MS

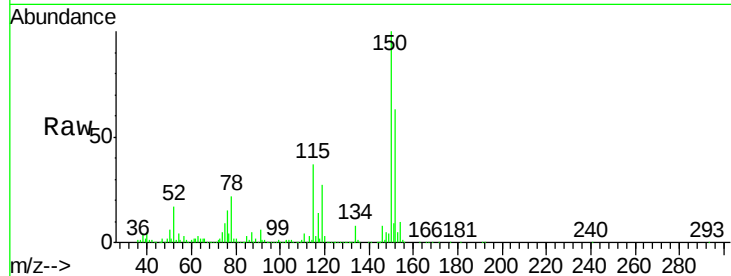
Tot Ion:152 Resp: 332600

Ion Ratio Lower Upper

152 100

115 77.4 38.0 114.0

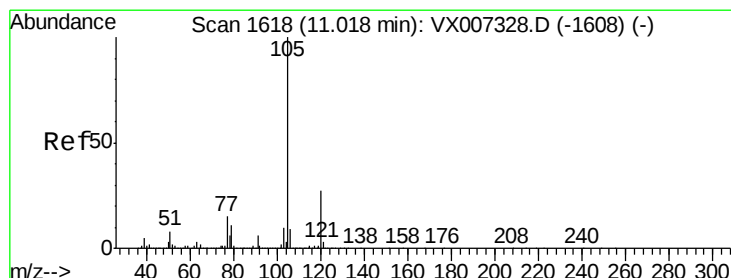
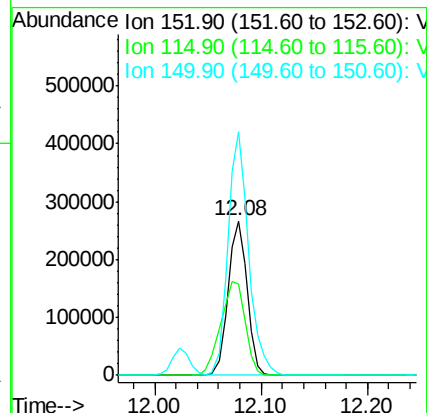
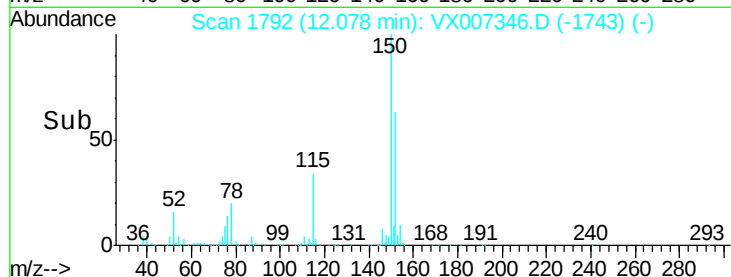
150 171.1 0.0 346.4



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: 49.165 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007346.D

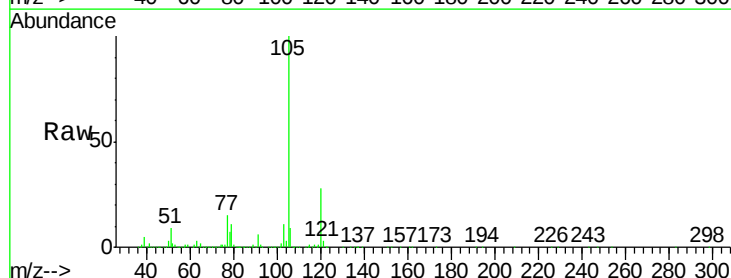
Acq: 01 Feb 2019 19:33

Tgt Ion:105 Resp: 1111231

Ion Ratio Lower Upper

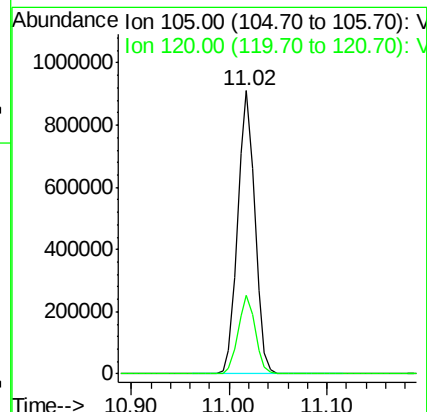
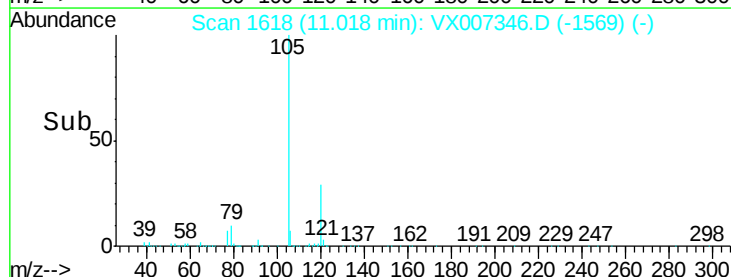
105 100

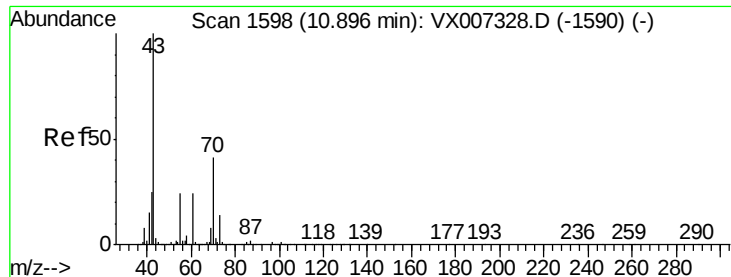
120 27.5 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 47.130 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MS

Tot Ion: 43 Resp: 412021

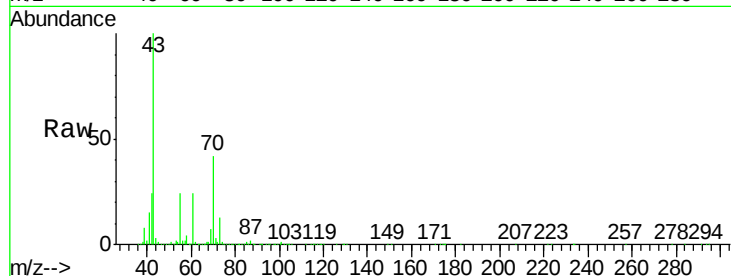
Ion Ratio Lower Upper

43 100

70 42.8 33.8 50.6

55 24.6 19.5 29.3

61 24.2 19.4 29.2

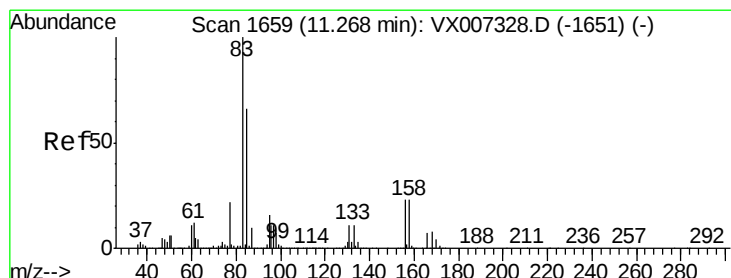
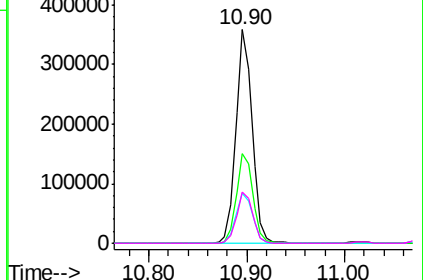
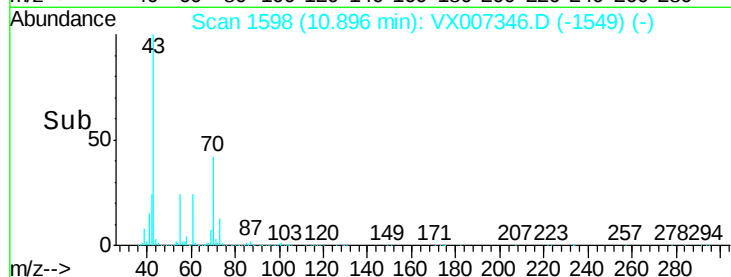


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.003 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

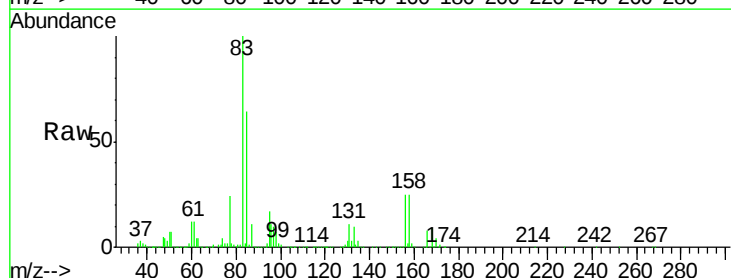
Tgt Ion: 83 Resp: 344428

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.0

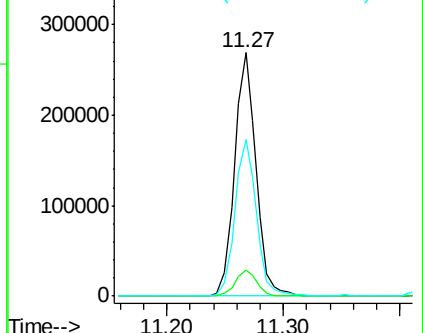
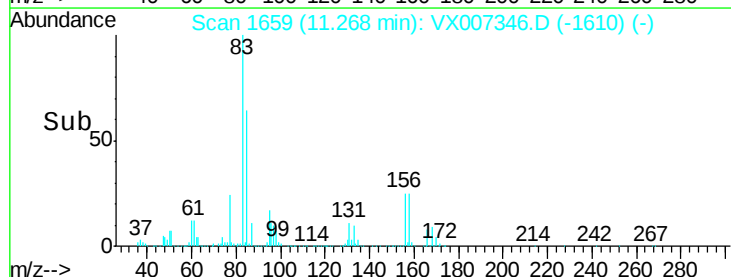
85 64.8 32.8 98.3

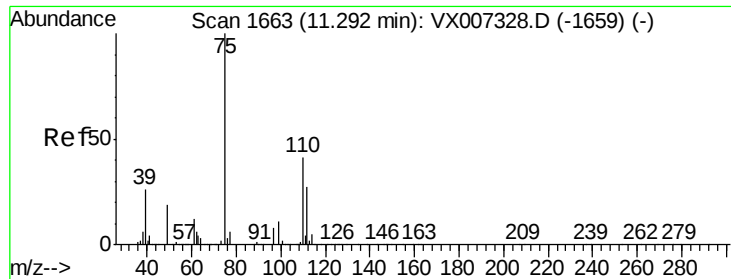


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 60.845 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

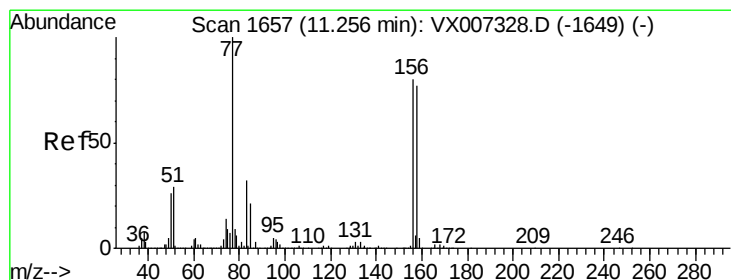
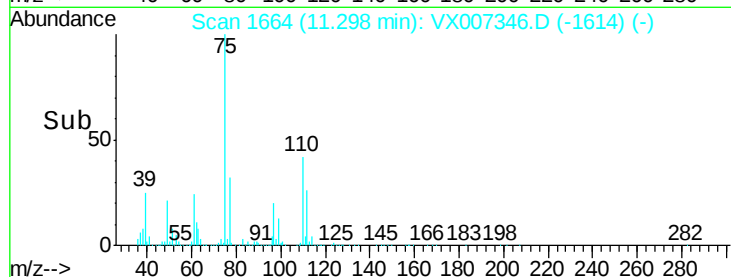
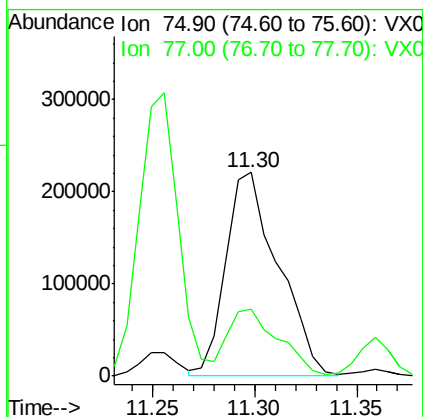
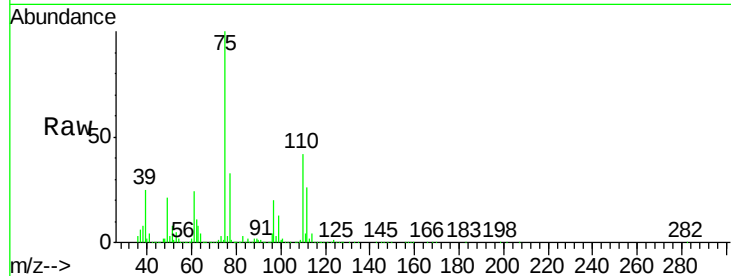
BP-TT-MW202S-20190129MS

Tot Ion: 75 Resp: 393633

Ion Ratio Lower Upper

75 100

77 31.6 23.0 69.0



#77

Bromobenzene

Concen: 48.033 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

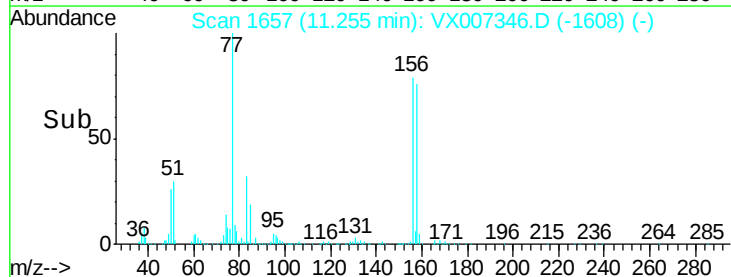
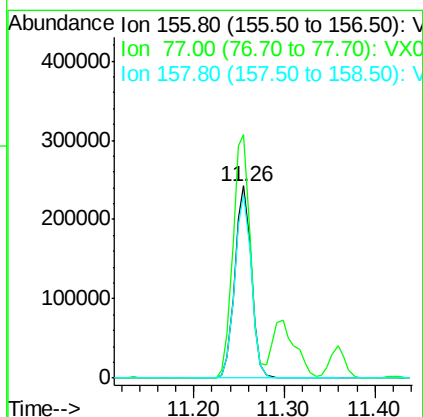
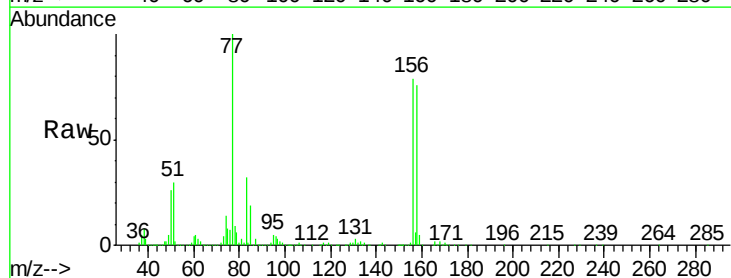
Tgt Ion: 156 Resp: 305888

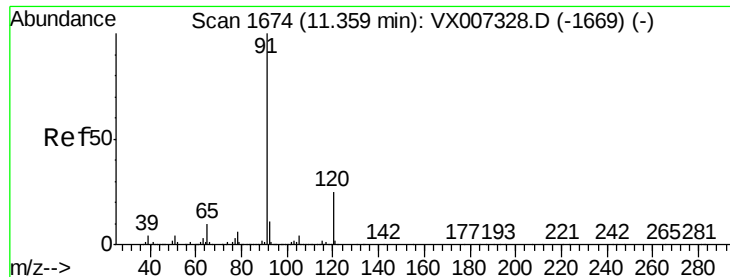
Ion Ratio Lower Upper

156 100

77 133.4 66.8 200.6

158 96.5 47.9 143.8





#78

n-propylbenzene

Concen: 50.861 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

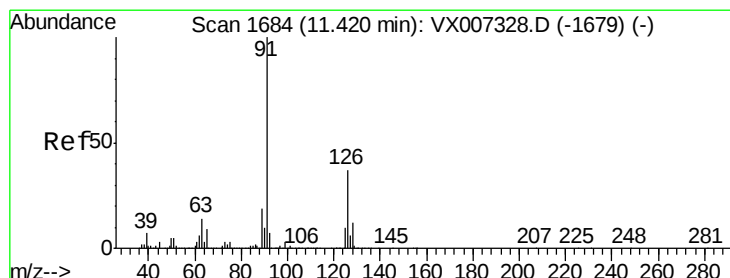
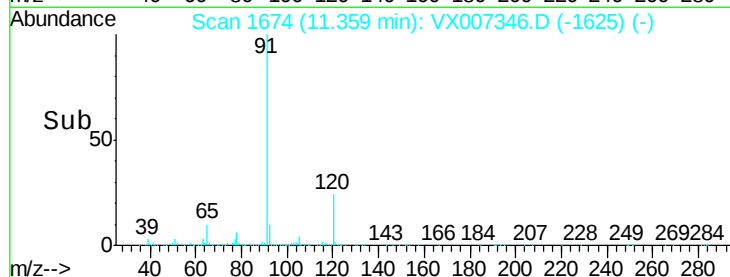
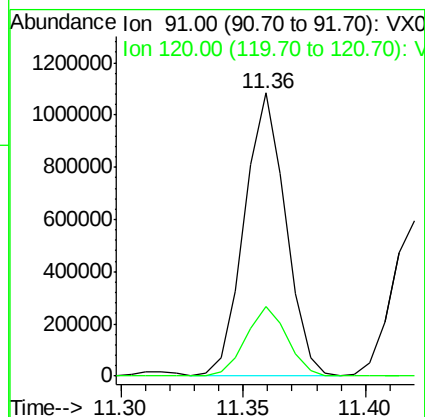
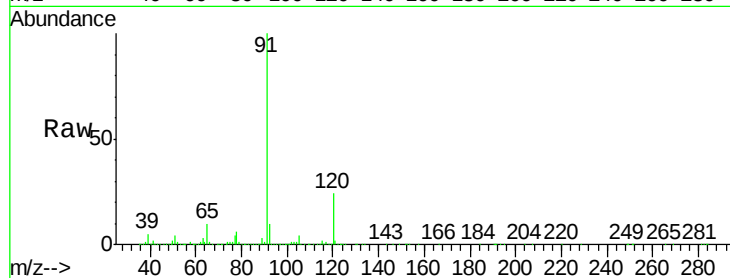
BP-TT-MW202S-20190129MS

Tot Ion: 91 Resp: 1260559

Ion Ratio Lower Upper

91 100

120 24.6 12.4 37.2



#79

2-Chlorotoluene

Concen: 48.532 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007346.D

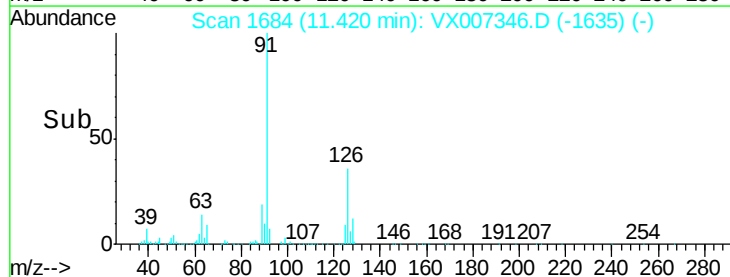
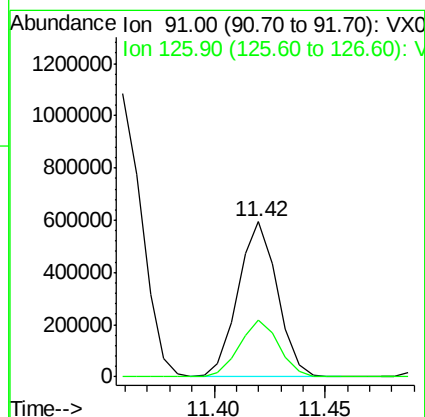
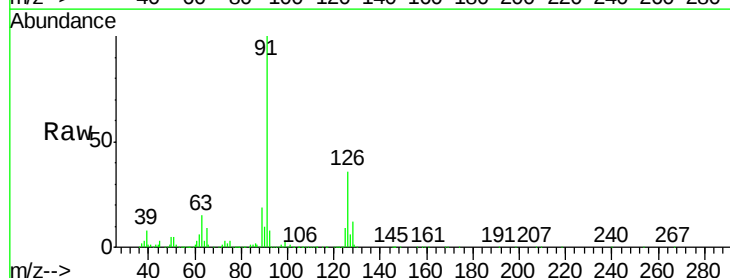
Acq: 01 Feb 2019 19:33

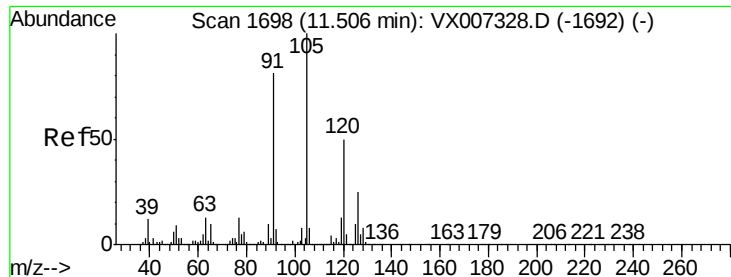
Tgt Ion: 91 Resp: 729861

Ion Ratio Lower Upper

91 100

126 36.9 18.7 56.1





#80

1,3,5-Trimethylbenzene

Concen: 49.816 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

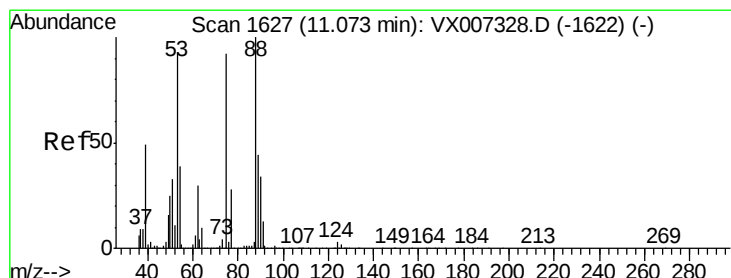
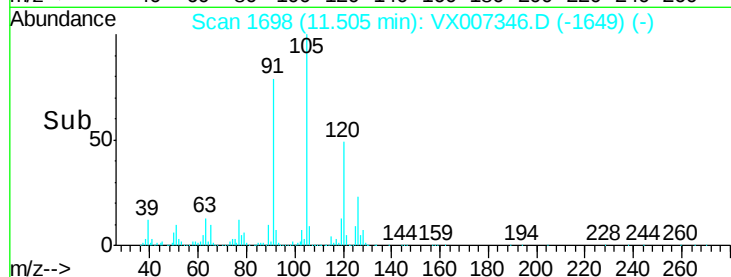
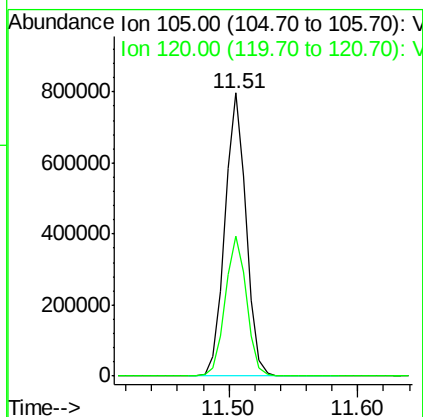
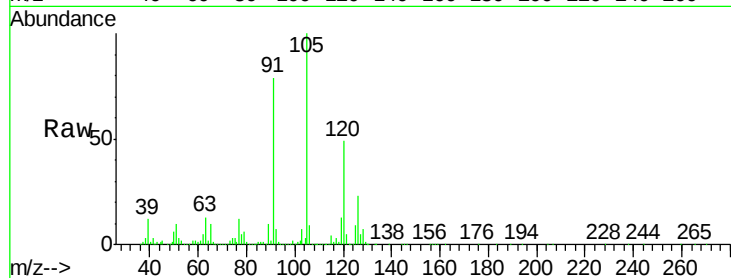
BP-TT-MW202S-20190129MS

Tot Ion:105 Resp: 921146

Ion Ratio Lower Upper

105 100

120 49.8 25.3 75.8



#81

trans-1,4-Dichloro-2-butene

Concen: 46.480 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

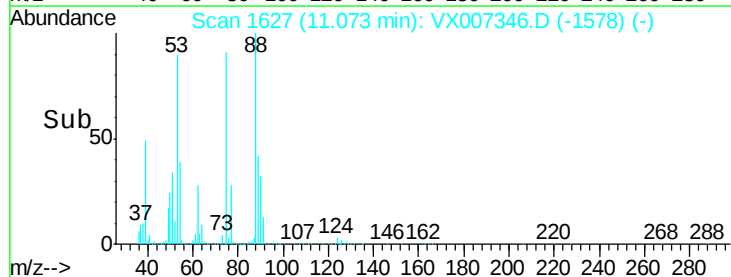
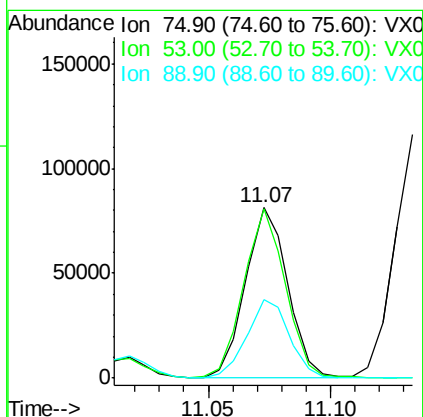
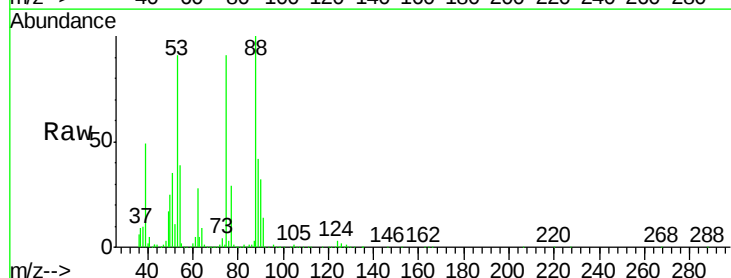
Tgt Ion: 75 Resp: 96606

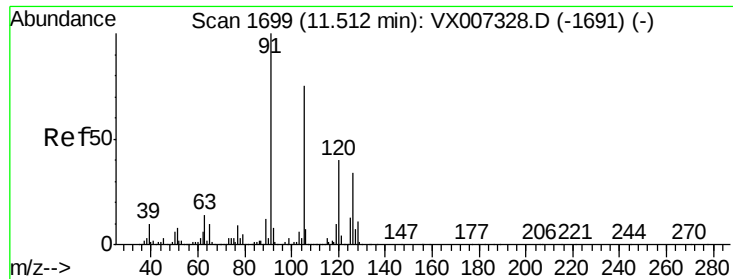
Ion Ratio Lower Upper

75 100

53 98.3 81.0 121.6

89 46.8 41.4 62.0

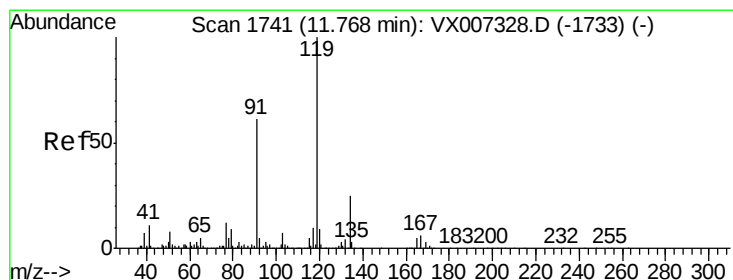
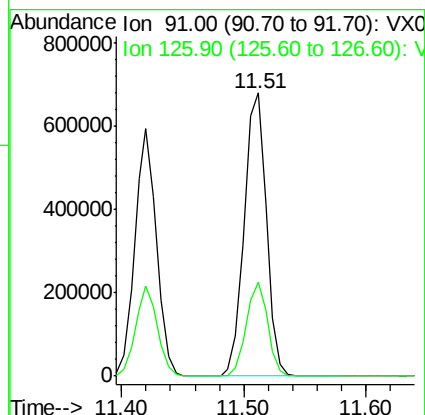
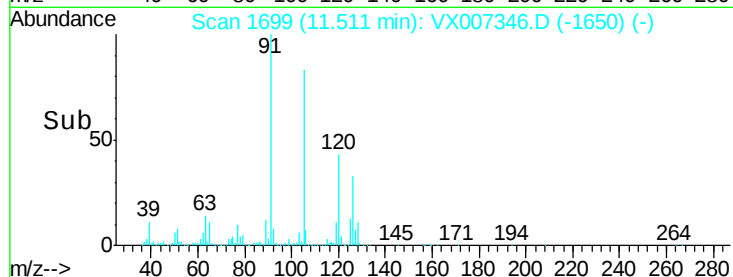
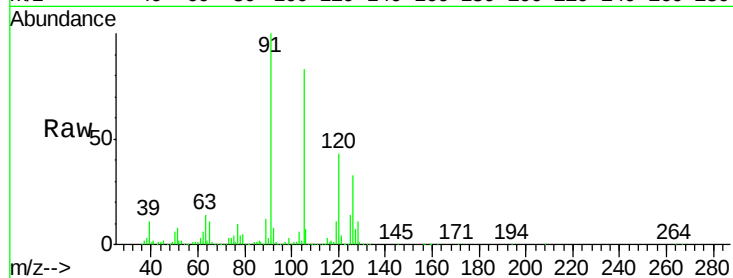




#82
4-Chlorotoluene
Concen: 48.924 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

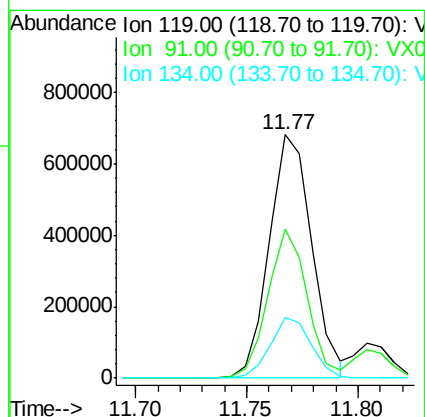
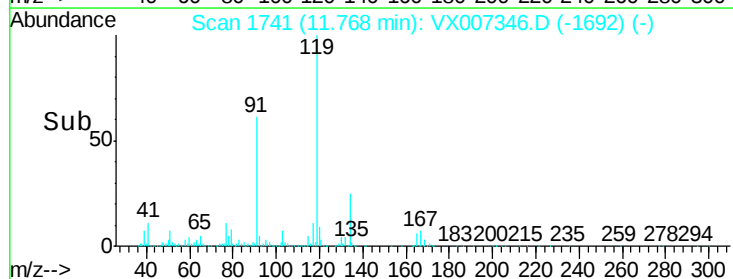
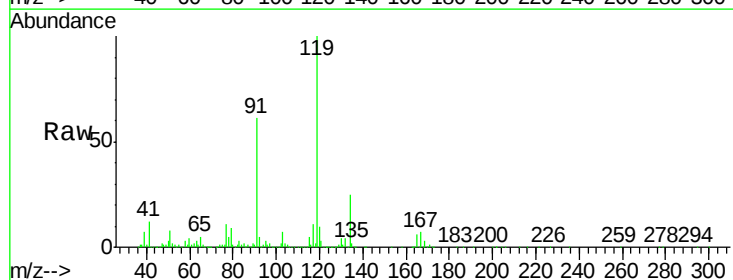
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MS

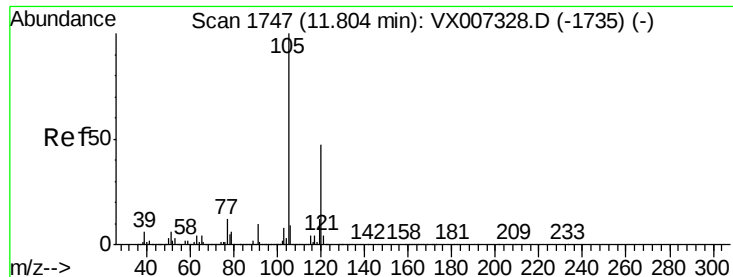
Tot Ion: 91 Resp: 851348
Ion Ratio Lower Upper
91 100
126 32.2 16.2 48.5



#83
tert-Butylbenzene
Concen: 49.310 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion: 119 Resp: 902741
Ion Ratio Lower Upper
119 100
91 56.3 28.5 85.6
134 24.2 12.0 36.0

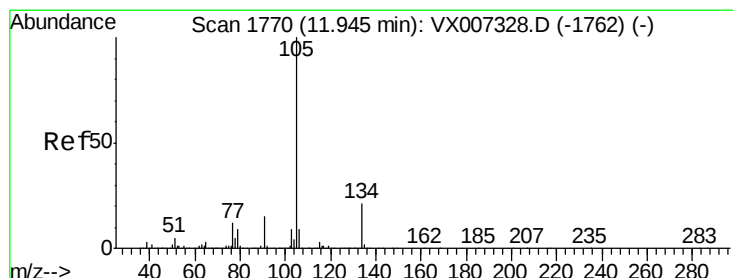
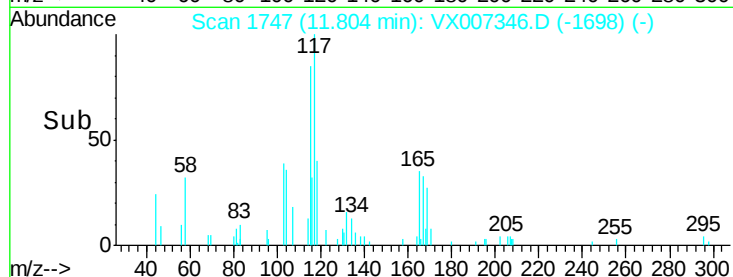
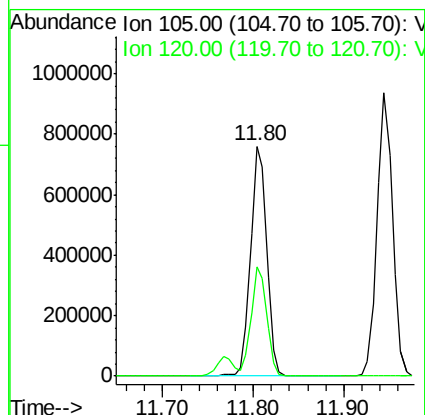
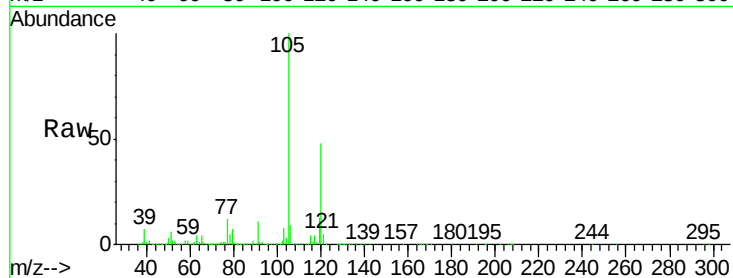




#84
 1,2,4-Trimethylbenzene
 Concen: 50.075 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007346.D
 Acq: 01 Feb 2019 19:33

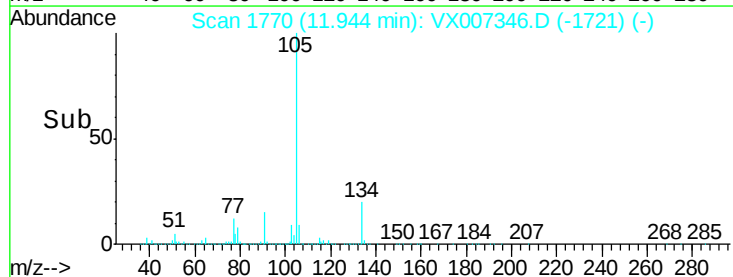
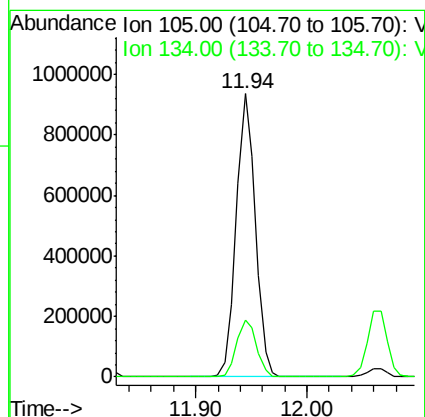
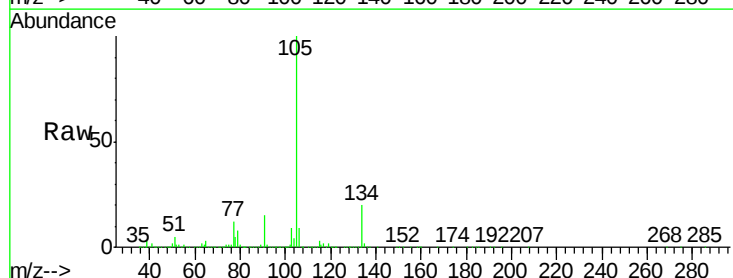
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW202S-20190129MS

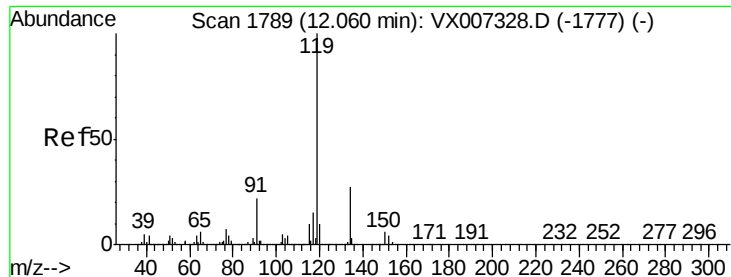
Tot Ion:105 Resp: 940046
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.1 69.3



#85
 sec-Butylbenzene
 Concen: 50.158 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007346.D
 Acq: 01 Feb 2019 19:33

Tgt Ion:105 Resp: 1111387
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.6 31.8

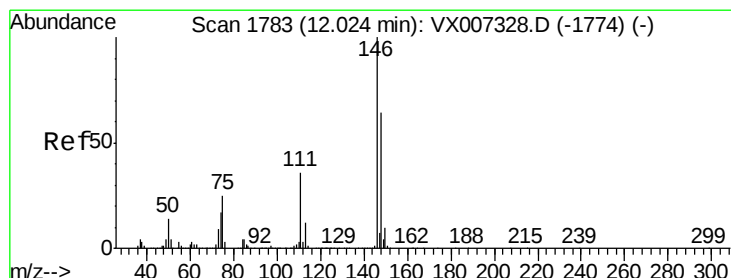
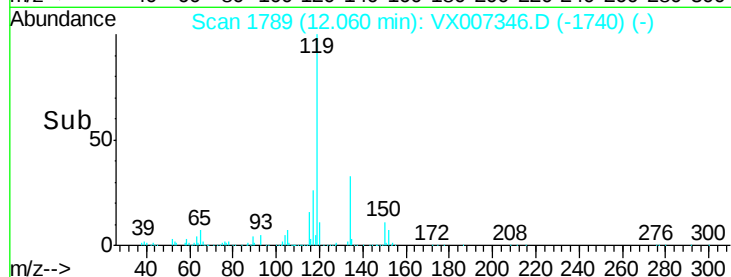
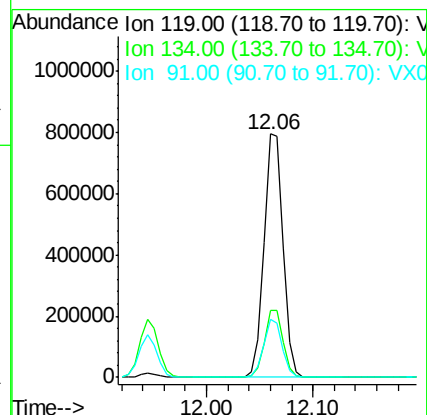
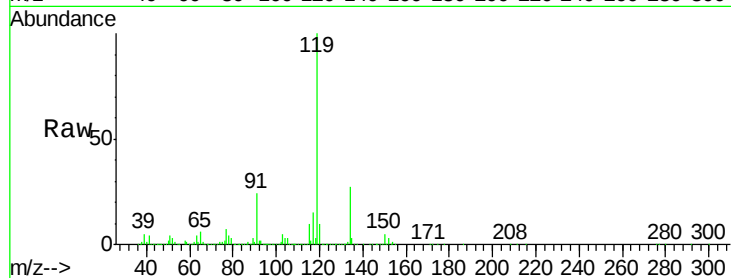




#86
 p-Isopropyltoluene
 Concen: 49.955 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX007346.D
 Acq: 01 Feb 2019 19:33

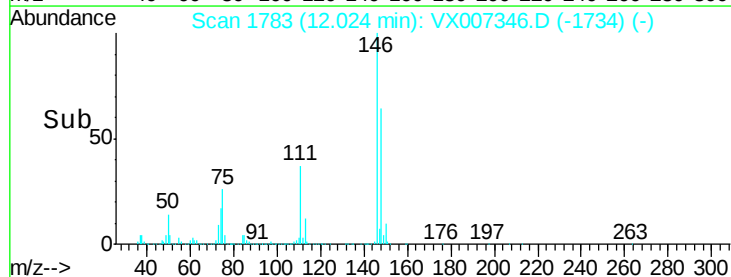
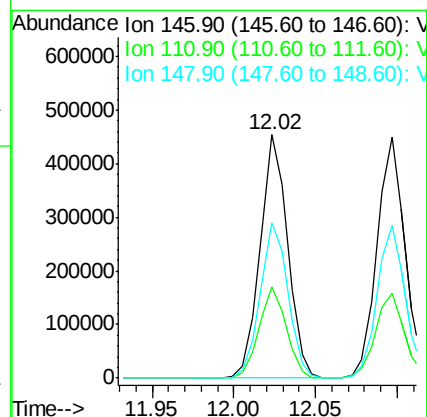
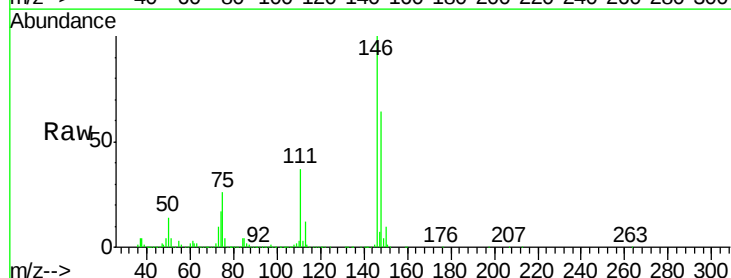
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW202S-20190129MS

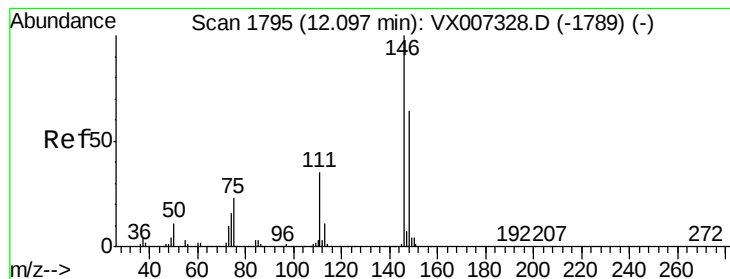
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.7	41.1
91	22.8	11.2	33.5



#87
 1,3-Dichlorobenzene
 Concen: 46.903 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007346.D
 Acq: 01 Feb 2019 19:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.1	54.1
148	64.4	32.0	96.2





#88

1,4-Dichlorobenzene

Concen: 46.072 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MS

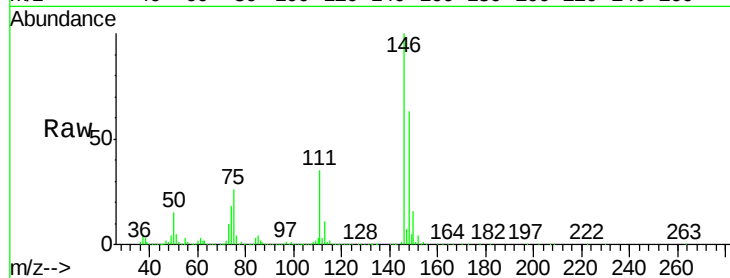
Tot Ion:146 Resp: 534210

Ion Ratio Lower Upper

146 100

111 36.3 18.1 54.1

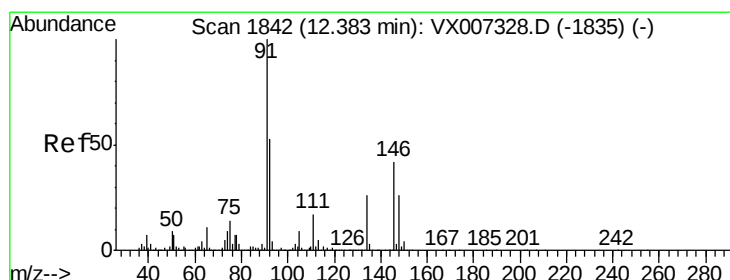
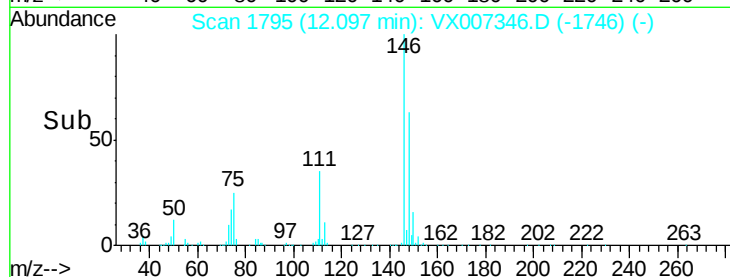
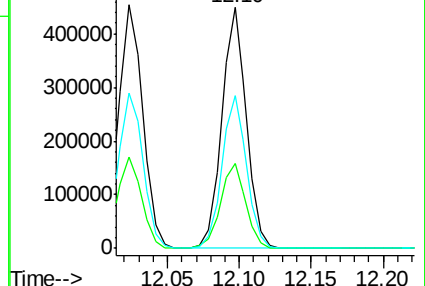
148 63.8 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 48.579 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.01 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

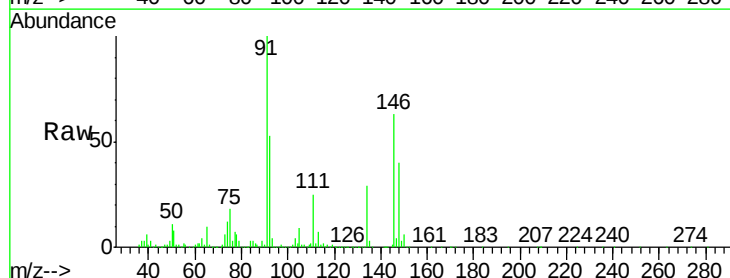
Tgt Ion: 91 Resp: 835856

Ion Ratio Lower Upper

91 100

92 52.7 26.3 78.9

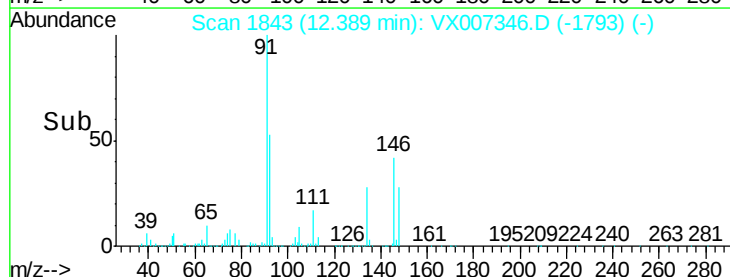
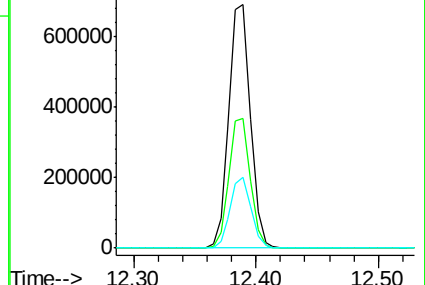
134 28.3 13.9 41.6

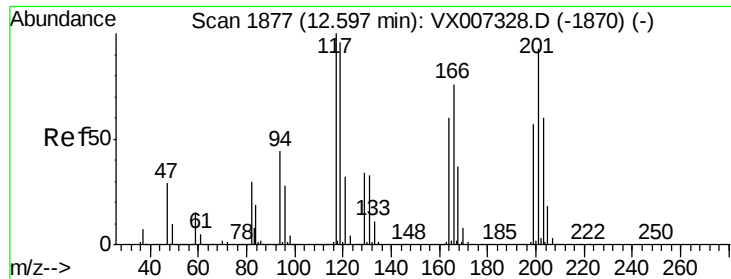


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 52.797 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

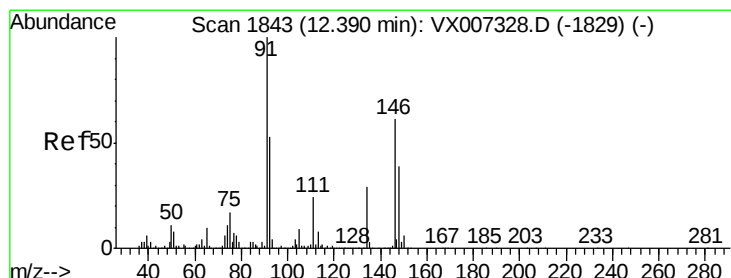
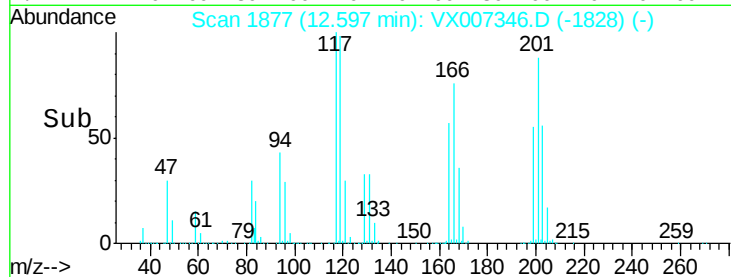
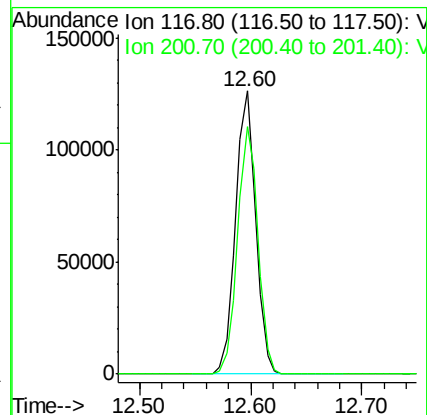
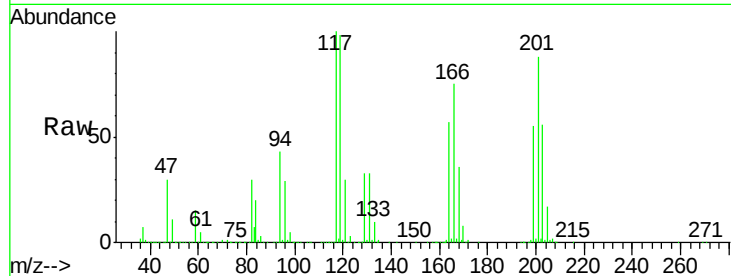
BP-TT-MW202S-20190129MS

Tot Ion:117 Resp: 158049

Ion Ratio Lower Upper

117 100

201 88.5 44.9 134.7



#91

1,2-Dichlorobenzene

Concen: 46.314 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

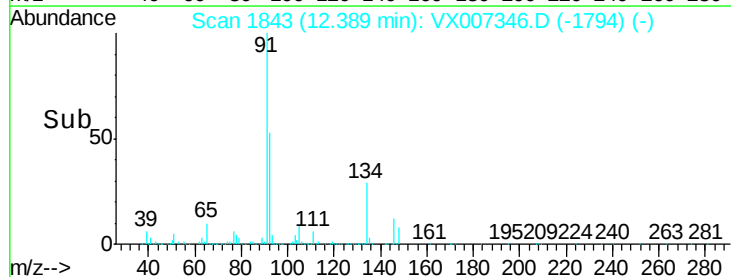
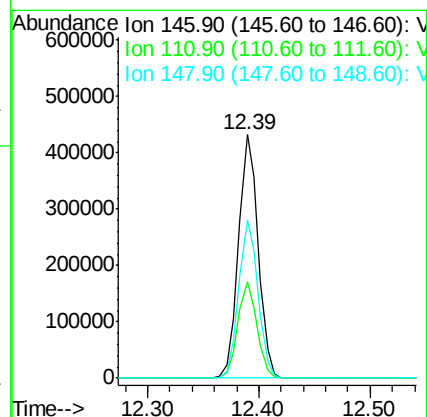
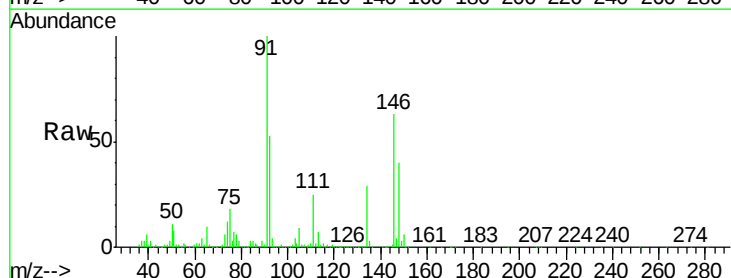
Tgt Ion:146 Resp: 526769

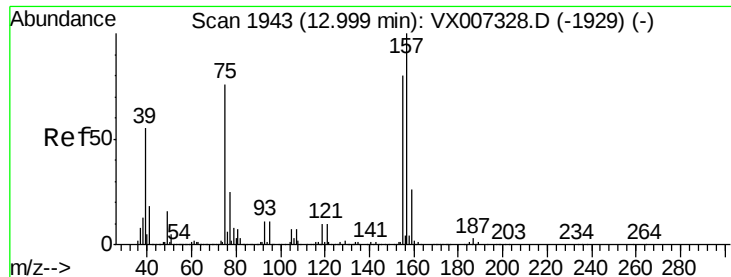
Ion Ratio Lower Upper

146 100

111 38.8 19.1 57.3

148 64.0 32.1 96.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.874 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MS

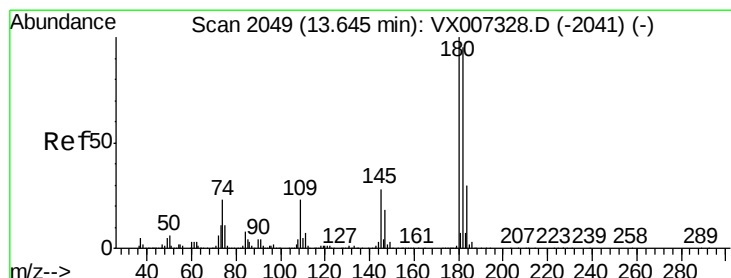
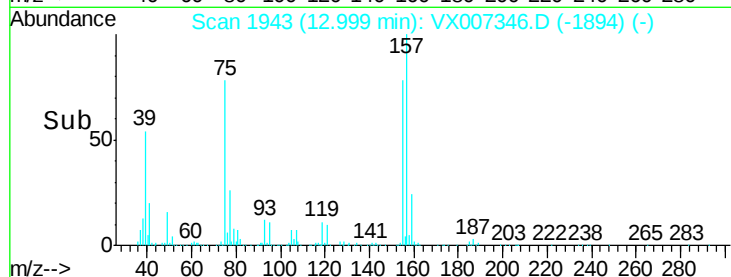
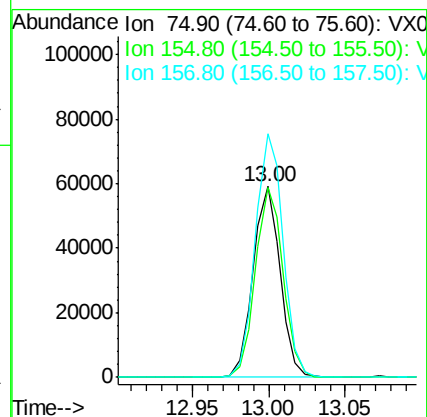
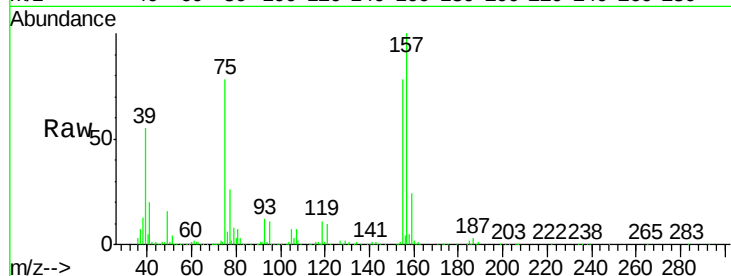
Tot Ion: 75 Resp: 72865

Ion Ratio Lower Upper

75 100

155 101.6 49.6 149.0

157 130.7 65.1 195.3



#93

1,2,4-Trichlorobenzene

Concen: 46.939 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

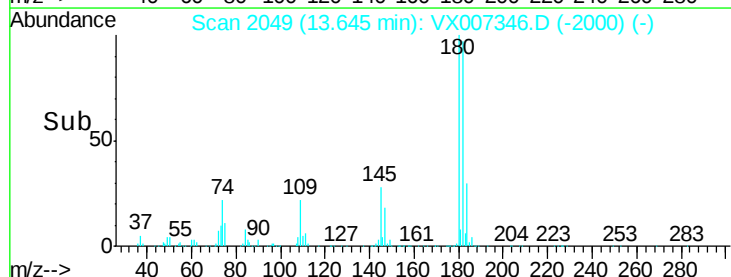
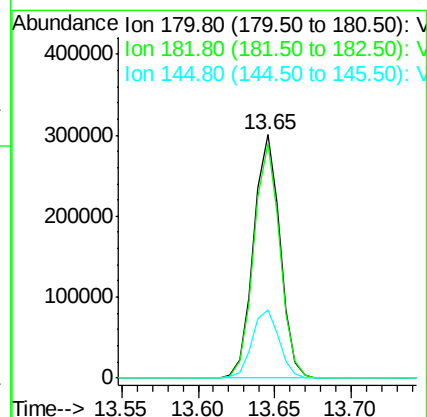
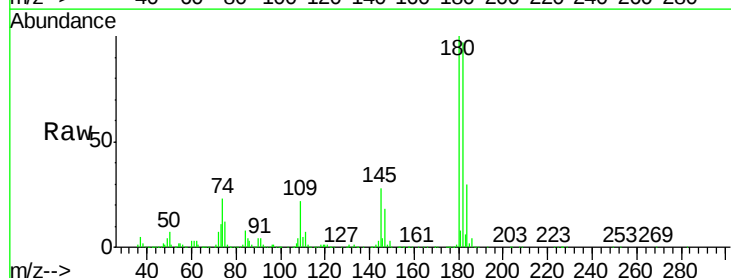
Tgt Ion:180 Resp: 360038

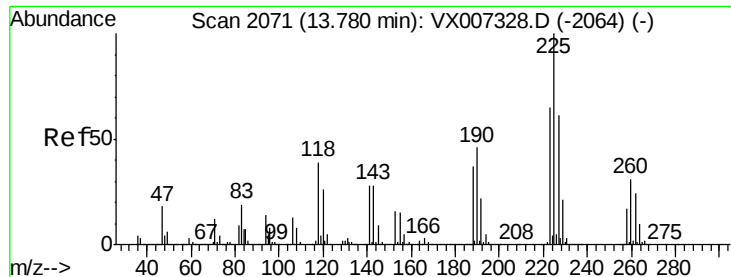
Ion Ratio Lower Upper

180 100

182 95.1 47.8 143.3

145 28.7 14.1 42.2





#94

Hexachlorobutadiene

Concen: 45.488 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MS

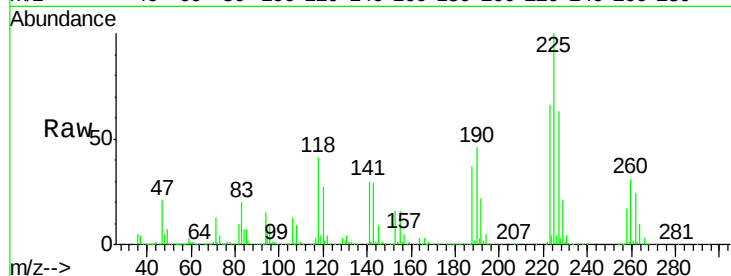
Tot Ion:225 Resp: 169421

Ion Ratio Lower Upper

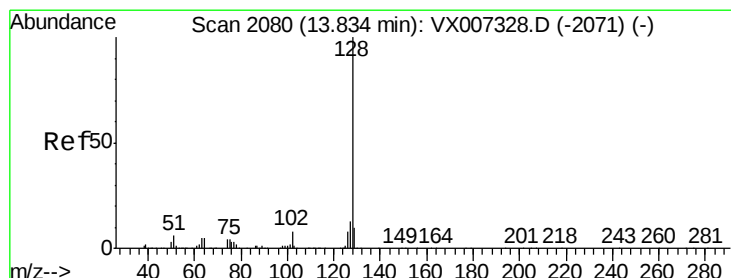
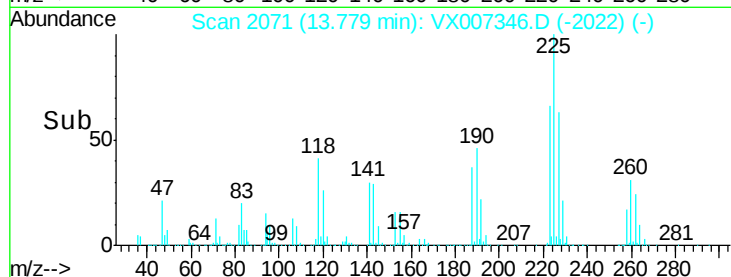
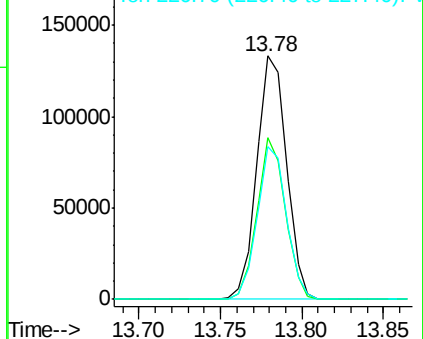
225 100

223 63.2 31.6 94.8

227 61.7 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: 50.142 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

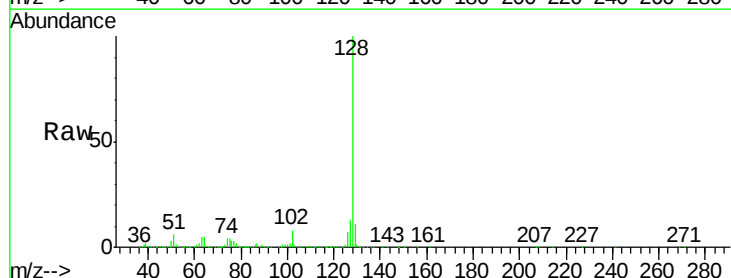
Tgt Ion:128 Resp: 1124712

Ion Ratio Lower Upper

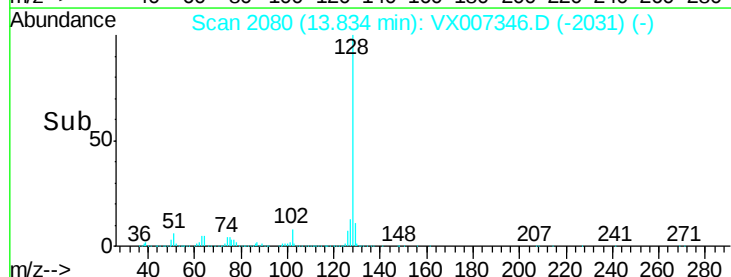
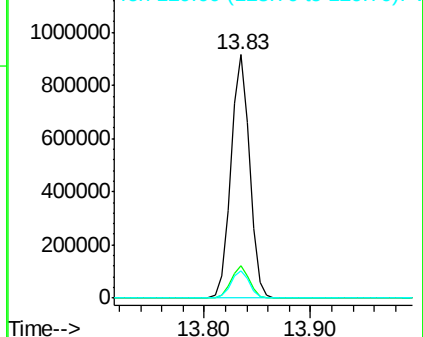
128 100

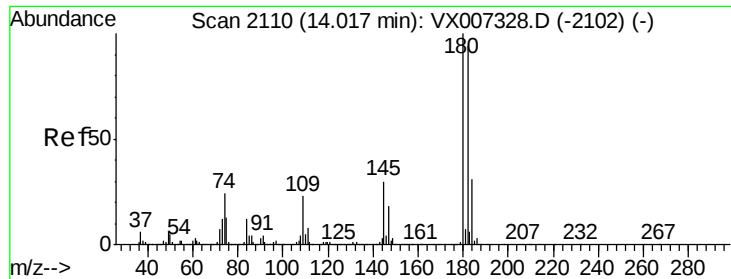
127 12.9 10.5 15.7

129 11.0 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: 46.812 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX007346.D
 Acq: 01 Feb 2019 19:33

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

Tot Ion:	180	Resp:	361437
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.5	142.6
145	29.9	14.9	44.5

