

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032319\
 Data File : VX008372.D
 Acq On : 23 Mar 2019 23:59
 Operator : JC/SP
 Sample : K1937-14MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20190314MSD

Quant Time: Mar 25 08:05:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	194182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	338716	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	304934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145598	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	146073	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
35) Dibromofluoromethane	5.49	113	108087	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	8.71	98	431849	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.13	95	159103	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	109600	49.858	ug/l	99
3) Chloromethane	1.32	50	159322	48.892	ug/l	99
4) Vinyl Chloride	1.40	62	159216	50.060	ug/l	100
5) Bromomethane	1.64	94	97692	48.777	ug/l	100
6) Chloroethane	1.71	64	93249	50.060	ug/l	99
7) Trichlorofluoromethane	1.92	101	178325	49.303	ug/l	98
8) Diethyl Ether	2.18	74	85925	49.615	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	104969	48.991	ug/l	89
10) Methyl Iodide	2.51	142	138823	51.070	ug/l	98
11) Tert butyl alcohol	3.06	59	172452	261.417	ug/l	99
12) 1,1-Dichloroethene	2.37	96	109257	49.400	ug/l	89
13) Acrolein	2.29	56	130900	232.210	ug/l	99
14) Allyl chloride	2.73	41	240167	49.086	ug/l	95
15) Acrylonitrile	3.14	53	429532	254.261	ug/l	99
16) Acetone	2.45	43	363734	245.706	ug/l	97
17) Carbon Disulfide	2.57	76	334909	47.356	ug/l	100
18) Methyl Acetate	2.77	43	168364	45.437	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	400861	50.323	ug/l	97
20) Methylene Chloride	2.85	84	130235	48.869	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	115535	48.243	ug/l	90
22) Diisopropyl ether	3.85	45	482804	50.680	ug/l #	88
23) Vinyl Acetate	3.81	43	2005068	238.384	ug/l	96
24) 1,1-Dichloroethane	3.70	63	241386	49.698	ug/l	98
25) 2-Butanone	4.67	43	618981	253.933	ug/l	97
26) 2,2-Dichloropropane	4.58	77	130771	41.789	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	134398	48.998	ug/l	91
28) Bromochloromethane	5.01	49	122067	50.343	ug/l #	78
29) Tetrahydrofuran	5.13	42	406208	250.975	ug/l	96
30) Chloroform	5.21	83	219397	50.101	ug/l	98
31) Cyclohexane	5.58	56	231923	49.795	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	176244	50.870	ug/l	96
36) 1,1-Dichloropropene	5.80	75	170612	49.293	ug/l	96
37) Ethyl Acetate	4.83	43	219751	46.912	ug/l	98
38) Carbon Tetrachloride	5.78	117	145973	49.200	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	206943	48.779	ug/l	91
40) Benzene	6.14	78	523381	49.653	ug/l	99
41) Methacrylonitrile	5.04	41	133518	52.293	ug/l	96
42) 1,2-Dichloroethane	6.19	62	187651	49.056	ug/l	96
43) Isopropyl Acetate	6.45	43	357524	49.014	ug/l	97
44) Trichloroethene	7.21	130	116920	47.765	ug/l	85
45) 1,2-Dichloropropane	7.51	63	148705	49.833	ug/l	99
46) Dibromomethane	7.66	93	85690	48.388	ug/l #	85
47) Bromodichloromethane	7.90	83	169417	50.155	ug/l	97
48) Methyl methacrylate	7.77	41	189359	51.446	ug/l	94
49) 1,4-Dioxane	7.74	88	75660	1018.828	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	1244517	260.038	ug/l	97
52) Toluene	8.79	92	311884	50.460	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	185374	51.043	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	205106	49.812	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	128563	50.076	ug/l	97
56) Ethyl methacrylate	9.18	69	237525	52.259	ug/l	91
57) 1,3-Dichloropropane	9.37	76	226846	49.598	ug/l	99
59) 2-Hexanone	9.49	43	985192	268.157	ug/l	96
60) Dibromochloromethane	9.58	129	122984	51.608	ug/l	98
61) 1,2-Dibromoethane	9.67	107	131361	50.415	ug/l	100
64) Tetrachloroethene	9.34	164	95037	47.659	ug/l	95
65) Chlorobenzene	10.13	112	317044	49.576	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	110990	50.046	ug/l	98
67) Ethyl Benzene	10.25	91	600963	50.186	ug/l	97
68) m/p-Xylenes	10.36	106	435050	101.115	ug/l	92
69) o-Xylene	10.69	106	212256	50.451	ug/l	93
70) Styrene	10.71	104	373448	51.184	ug/l	96
71) Bromoform	10.85	173	89557	52.421	ug/l #	100
73) Isopropylbenzene	11.02	105	561756	48.890	ug/l	98
74) N-amyl acetate	10.90	43	327613	48.699	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	224526	49.057	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	248857	65.299	ug/l	91
77) Bromobenzene	11.26	156	133362	49.052	ug/l	81
78) n-propylbenzene	11.36	91	664075	49.311	ug/l	95
79) 2-Chlorotoluene	11.42	91	399448	48.693	ug/l	93
80) 1,3,5-Trimethylbenzene	11.51	105	480774	49.186	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	65323	48.846	ug/l	91
82) 4-Chlorotoluene	11.51	91	461052	48.776	ug/l	94
83) tert-Butylbenzene	11.77	119	457644	49.167	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	485711	49.794	ug/l	97
85) sec-Butylbenzene	11.94	105	545411	48.891	ug/l	96
86) p-Isopropyltoluene	12.06	119	493887	50.229	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	239642	49.077	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	240683	48.442	ug/l	97
89) n-Butylbenzene	12.38	91	465753	49.617	ug/l	97
90) Hexachloroethane	12.60	117	80443	49.528	ug/l	80
91) 1,2-Dichlorobenzene	12.39	146	244669	49.474	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	50842	52.120	ug/l	76
93) 1,2,4-Trichlorobenzene	13.65	180	164369	49.288	ug/l	98

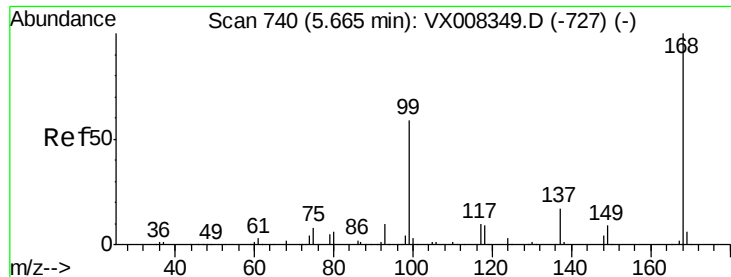
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	76064	48.263	ug/l	99
95) Naphthalene	13.83	128	584021	49.869	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	165917	49.304	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

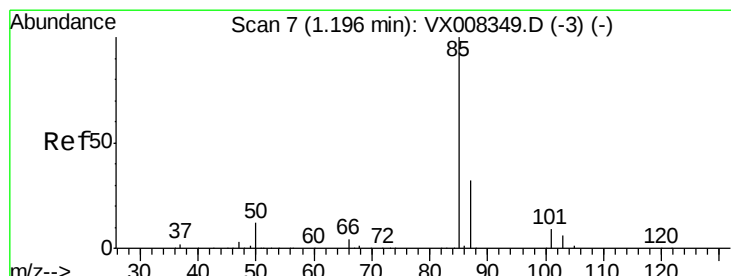
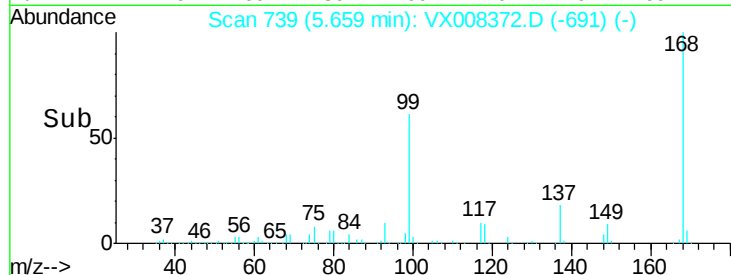
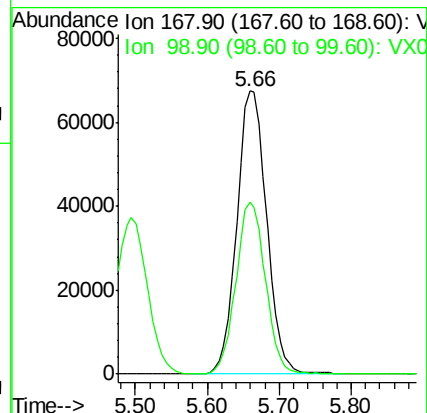
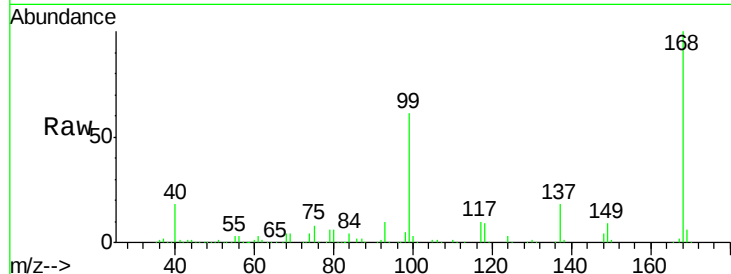
BP-TT-SW4002-20190314MSD

Tot Ion:168 Resp: 194182

Ion Ratio Lower Upper

168 100

99 60.6 37.6 56.4#



#2

Dichlorodifluoromethane

Concen: 49.858 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008372.D

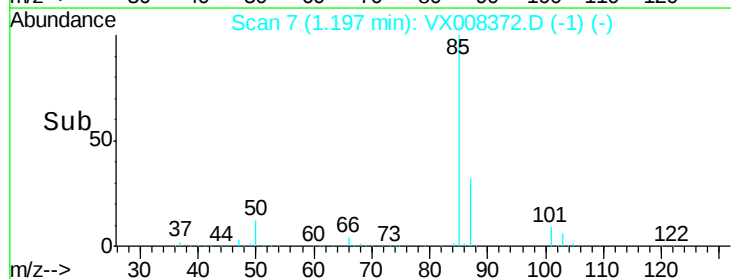
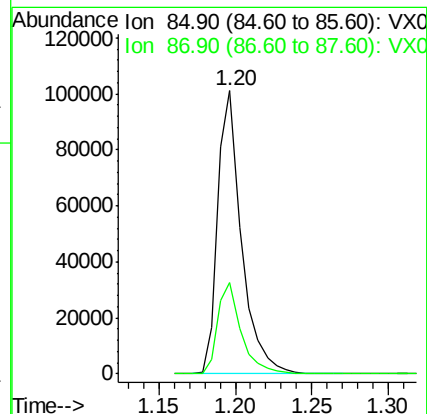
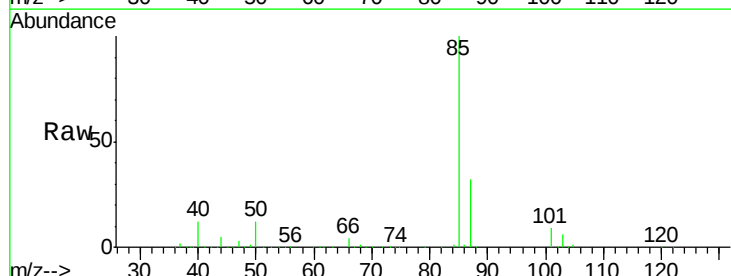
Acq: 23 Mar 2019 23:59

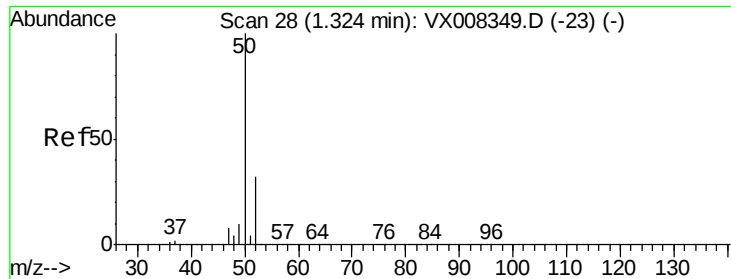
Tgt Ion: 85 Resp: 109600

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.1





#3

Chloromethane

Concen: 48.892 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

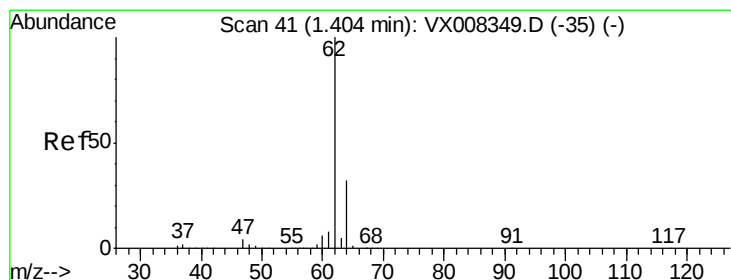
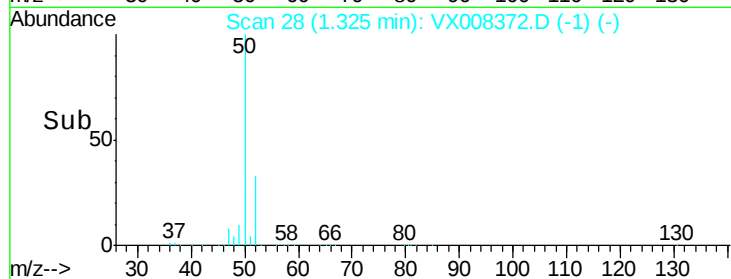
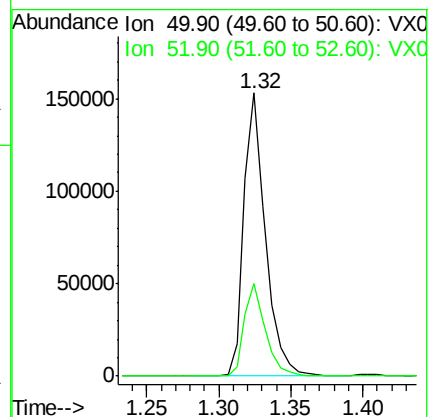
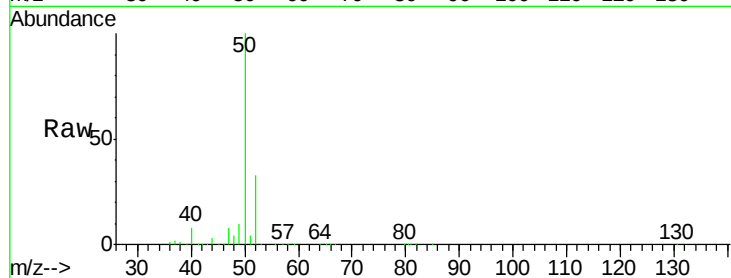
BP-TT-SW4002-20190314MSD

Tot Ion: 50 Resp: 159322

Ion Ratio Lower Upper

50 100

52 32.6 26.5 39.7



#4

Vinyl Chloride

Concen: 50.060 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008372.D

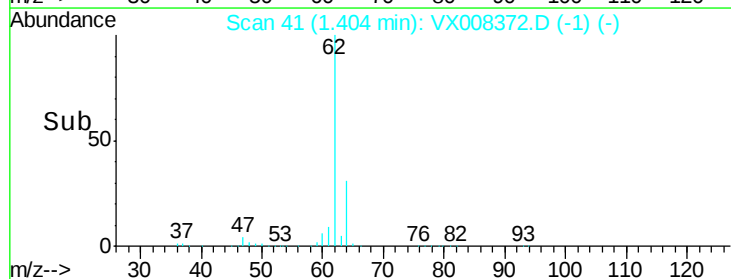
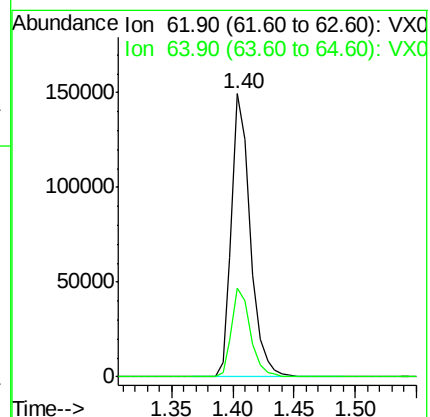
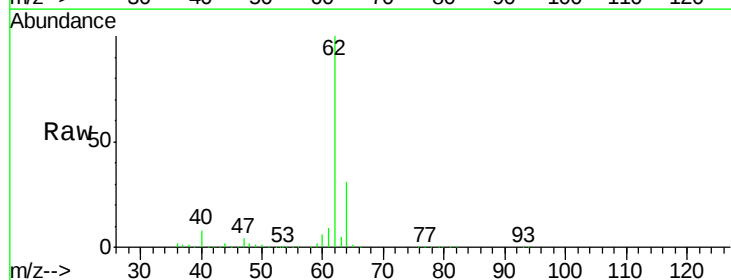
Acq: 23 Mar 2019 23:59

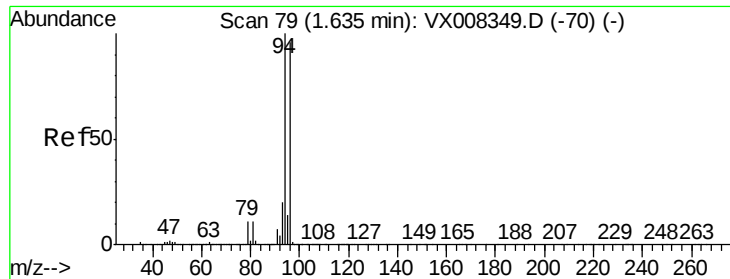
Tgt Ion: 62 Resp: 159216

Ion Ratio Lower Upper

62 100

64 31.4 25.3 37.9





#5

Bromomethane

Concen: 48.777 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

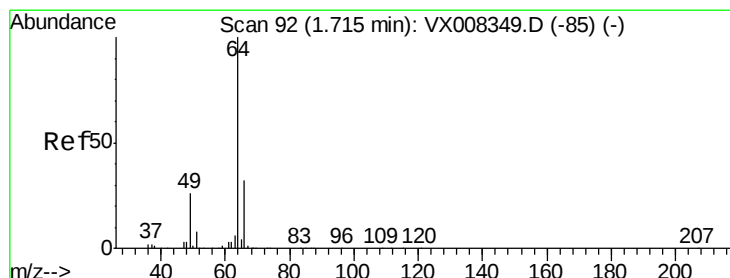
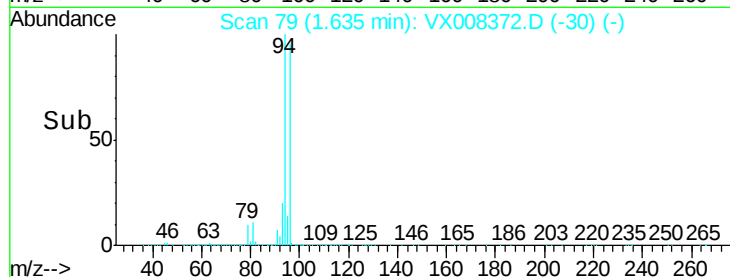
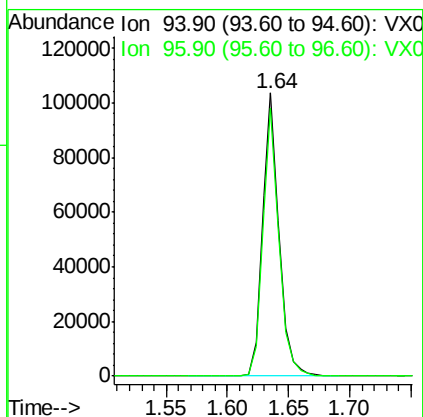
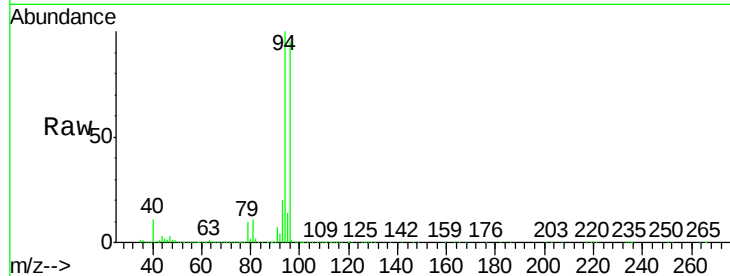
BP-TT-SW4002-20190314MSD

Tot Ion: 94 Resp: 97692

Ion Ratio Lower Upper

94 100

96 94.6 75.5 113.3



#6

Chloroethane

Concen: 50.060 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008372.D

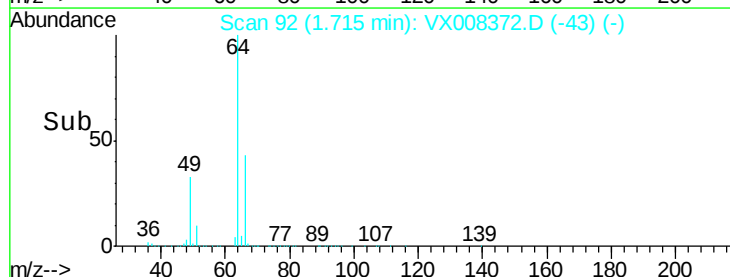
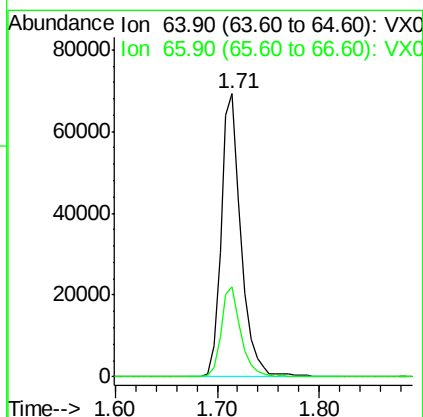
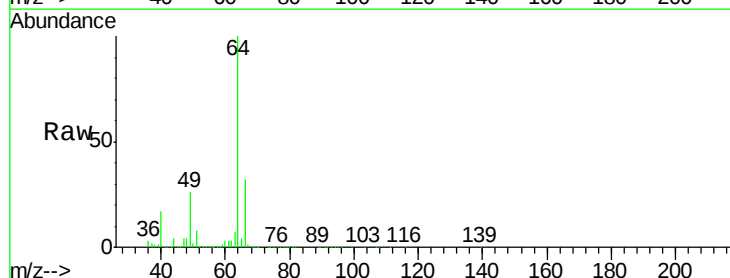
Acq: 23 Mar 2019 23:59

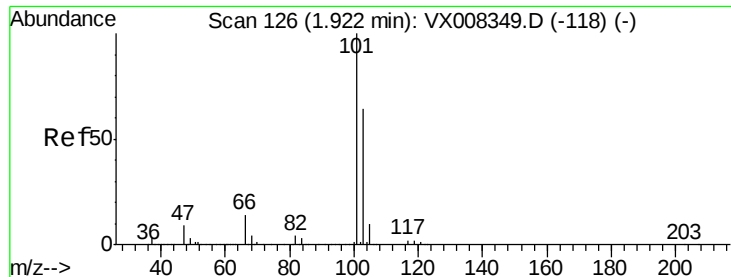
Tgt Ion: 64 Resp: 93249

Ion Ratio Lower Upper

64 100

66 32.0 25.2 37.8



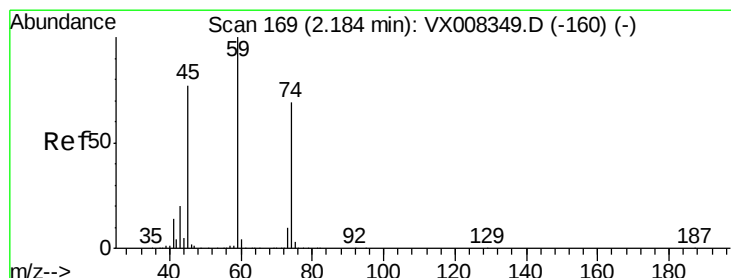
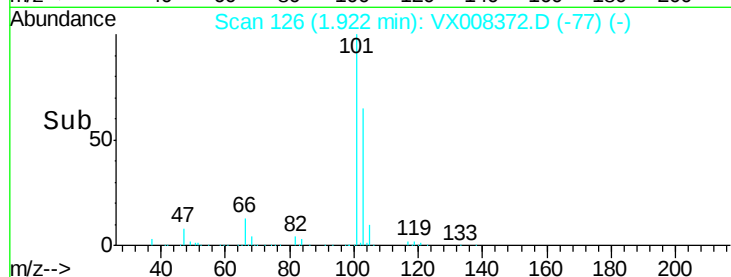
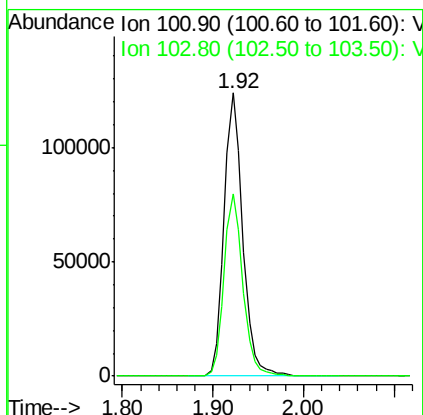
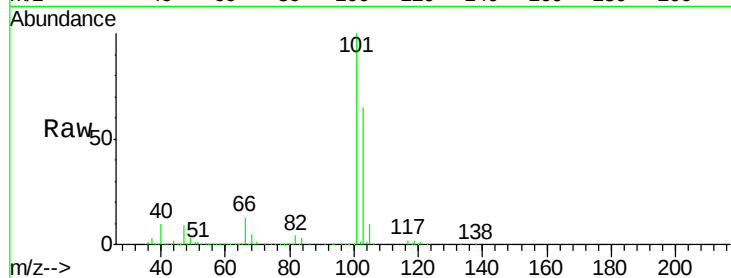


#7

Trichlorofluoromethane
Concen: 49.303 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX008372.D
Acq: 23 Mar 2019 23:59

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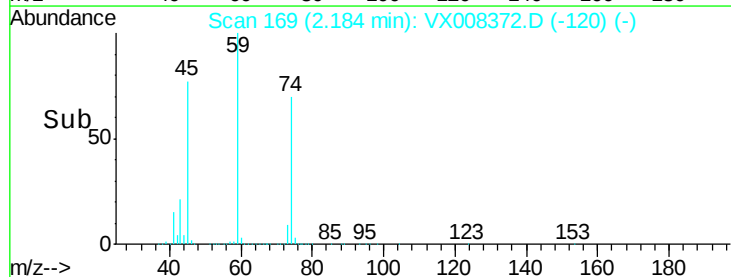
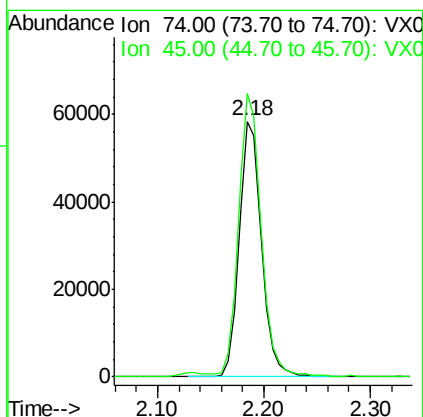
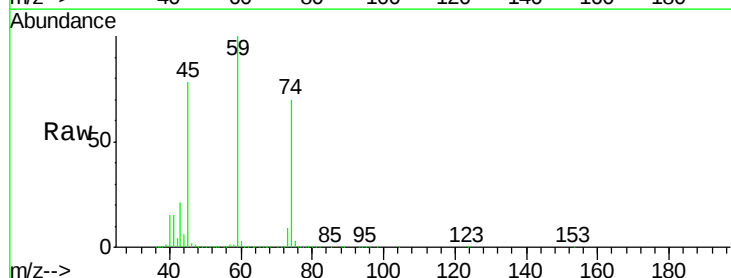
Tot Ion:101 Resp: 178325
Ion Ratio Lower Upper
101 100
103 64.6 50.4 75.6

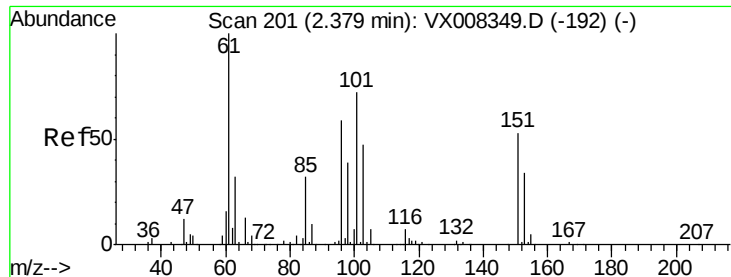


#8

Diethyl Ether
Concen: 49.615 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX008372.D
Acq: 23 Mar 2019 23:59

Tgt Ion: 74 Resp: 85925
Ion Ratio Lower Upper
74 100
45 112.1 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.991 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20190314MSD

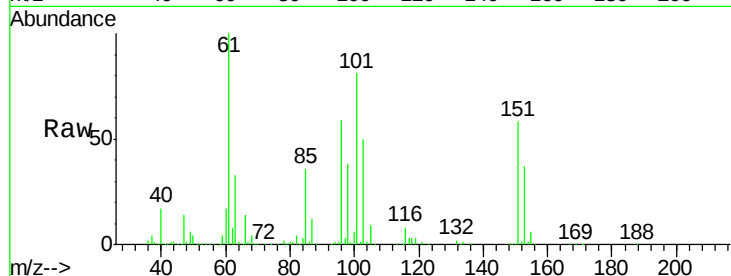
Tot Ion:101 Resp: 104969

Ion Ratio Lower Upper

101 100

85 44.6 33.8 50.6

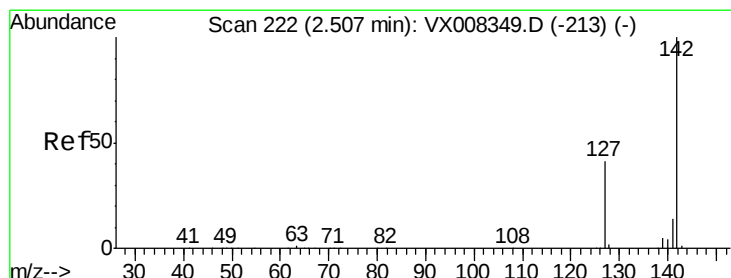
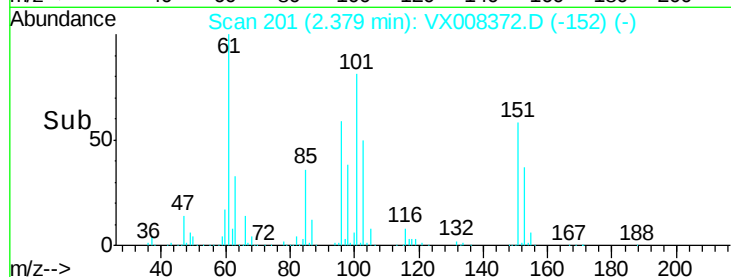
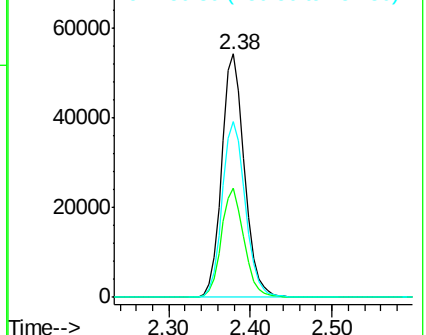
151 73.5 69.1 103.7



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: 51.070 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

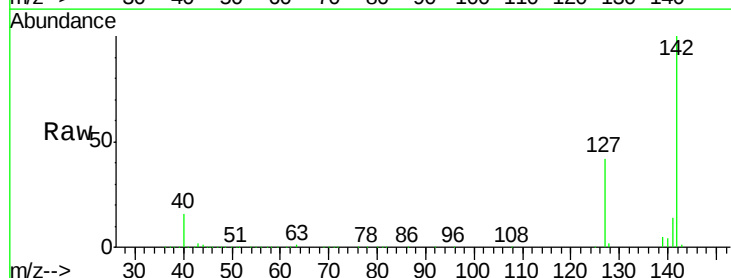
Tgt Ion:142 Resp: 138823

Ion Ratio Lower Upper

142 100

127 42.0 32.1 48.1

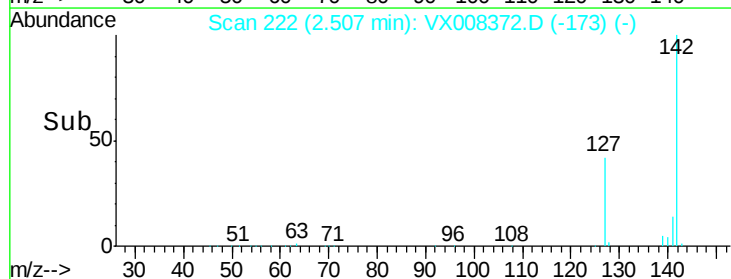
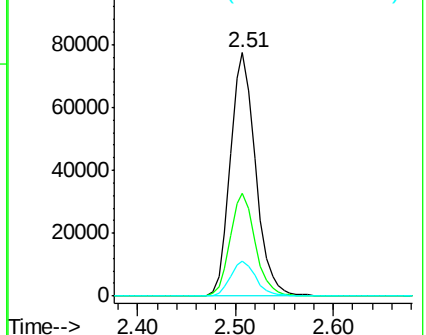
141 14.3 11.4 17.2

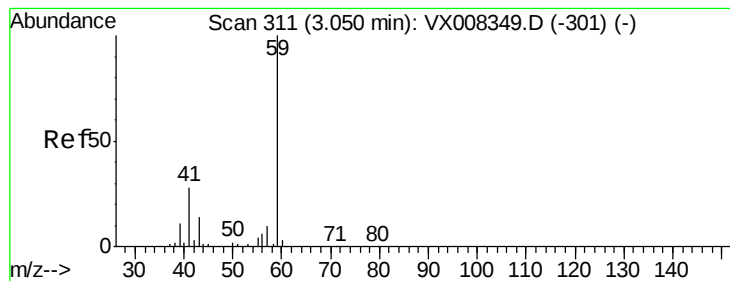


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



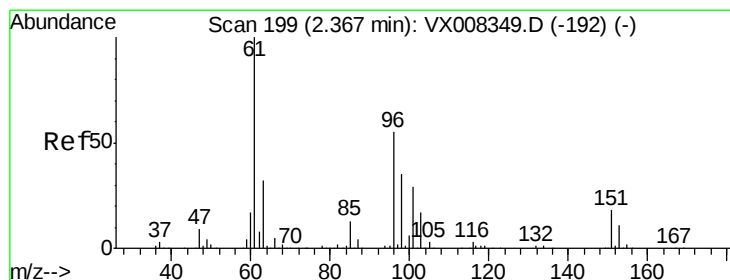
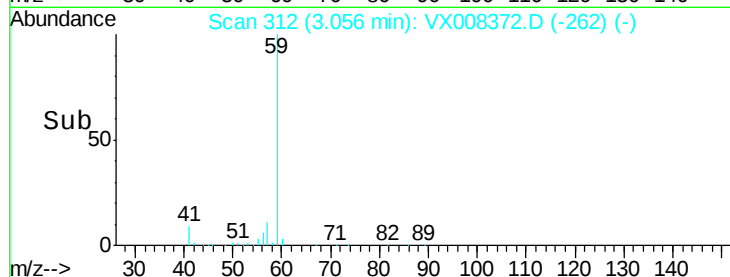
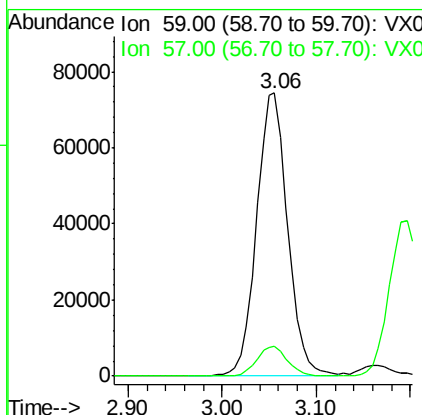
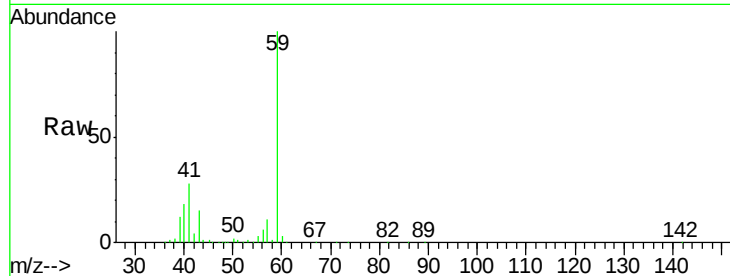


#11

Tert butyl alcohol
 Concen: 261.417 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: VX008372.D
 Acq: 23 Mar 2019 23:59

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20190314MSD

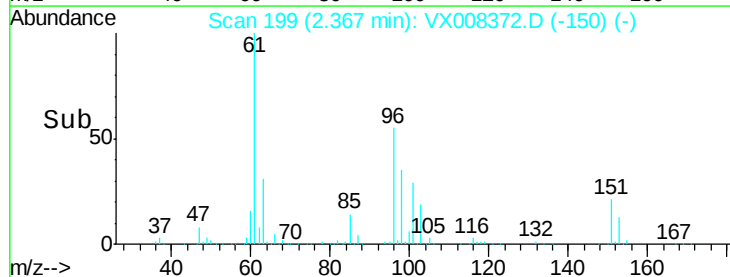
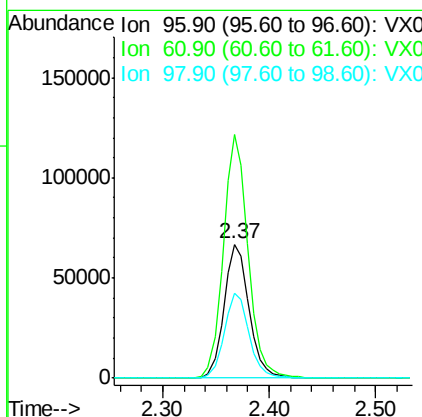
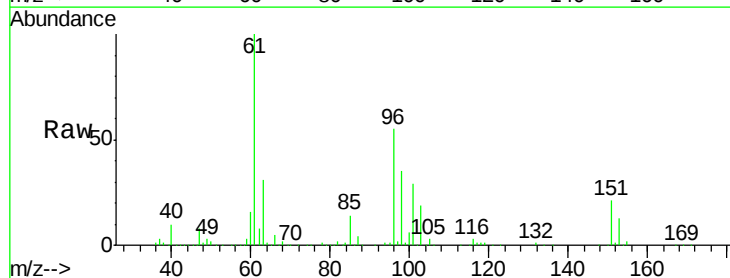
Tot Ion: 59 Resp: 172452
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

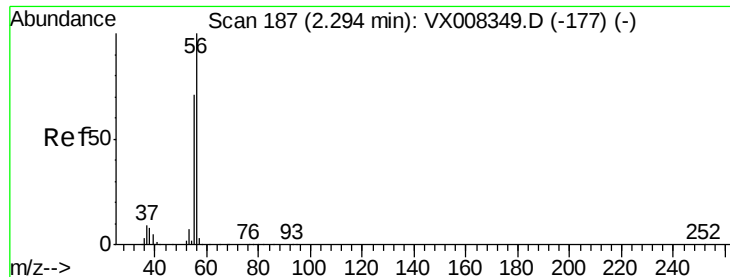


#12

1,1-Dichloroethene
 Concen: 49.400 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX008372.D
 Acq: 23 Mar 2019 23:59

Tgt Ion: 96 Resp: 109257
 Ion Ratio Lower Upper
 96 100
 61 181.8 129.8 194.6
 98 63.6 51.0 76.6





#13

Acrolein

Concen: 232.210 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

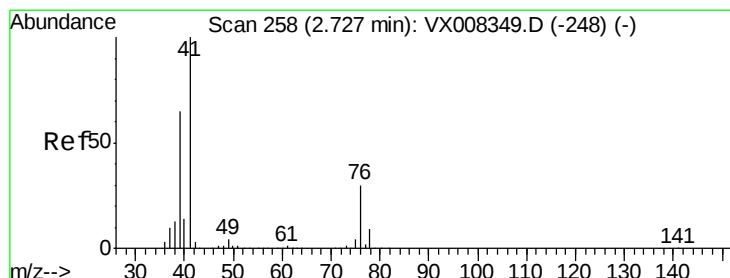
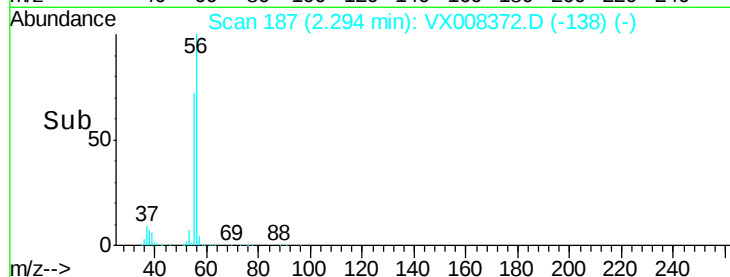
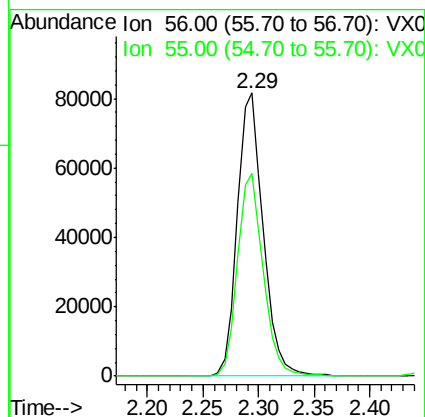
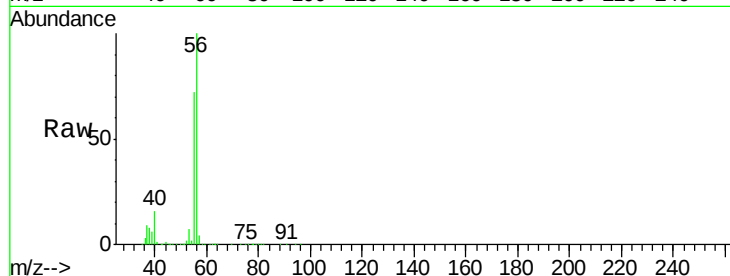
BP-TT-SW4002-20190314MSD

Tot Ion: 56 Resp: 130900

Ion Ratio Lower Upper

56 100

55 71.0 57.8 86.6



#14

Allyl chloride

Concen: 49.086 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

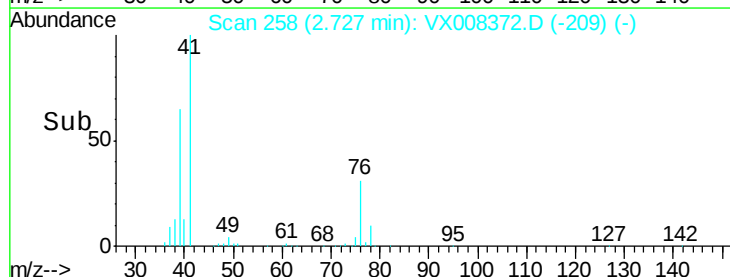
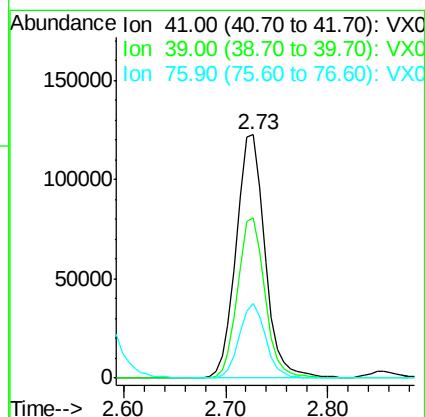
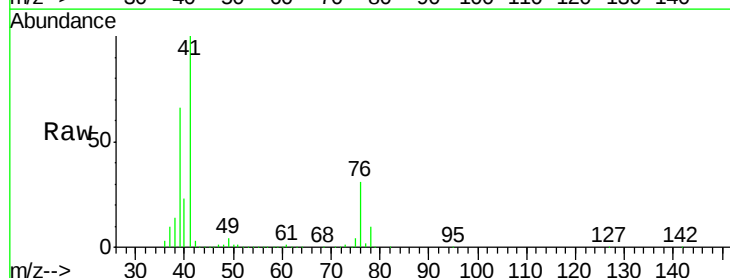
Tgt Ion: 41 Resp: 240167

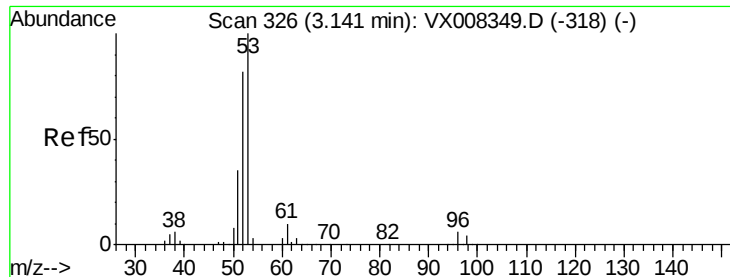
Ion Ratio Lower Upper

41 100

39 62.3 46.1 69.1

76 27.9 24.0 36.0





#15

Acrylonitrile

Concen: 254.261 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20190314MSD

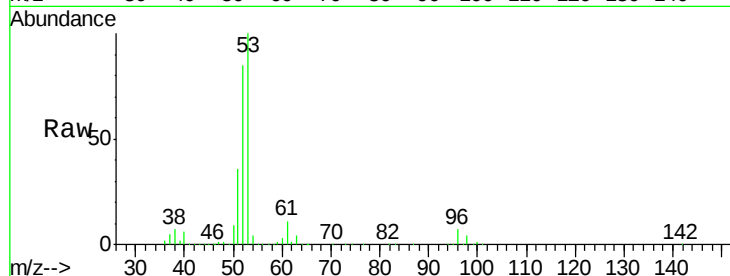
Tot Ion: 53 Resp: 429532

Ion Ratio Lower Upper

53 100

52 83.2 66.0 99.0

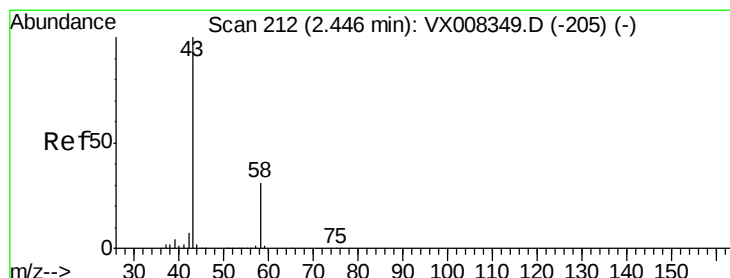
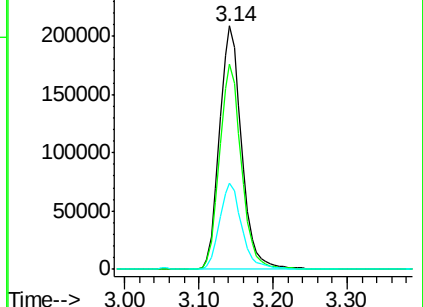
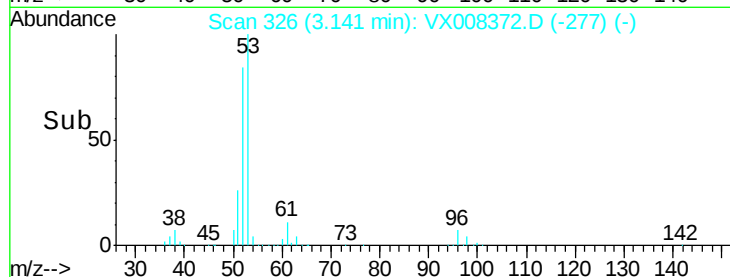
51 35.7 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VX008372.D (-277) (-)

Ion 52.00 (51.70 to 52.70): VX008372.D (-277) (-)

Ion 51.00 (50.70 to 51.70): VX008372.D (-277) (-)



#16

Acetone

Concen: 245.706 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008372.D

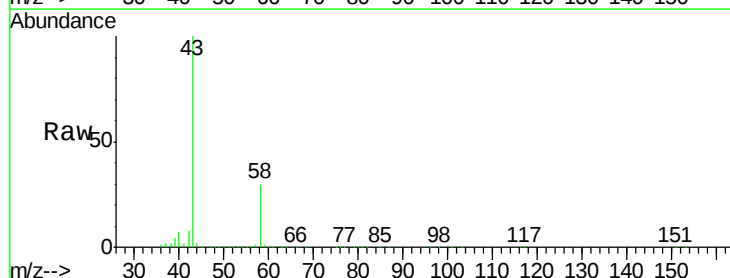
Acq: 23 Mar 2019 23:59

Tgt Ion: 43 Resp: 363734

Ion Ratio Lower Upper

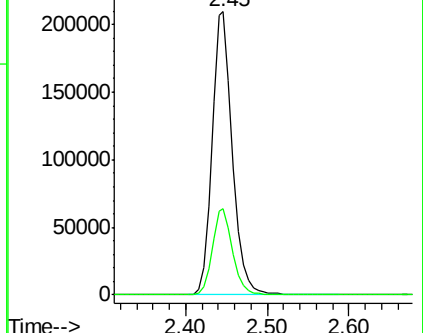
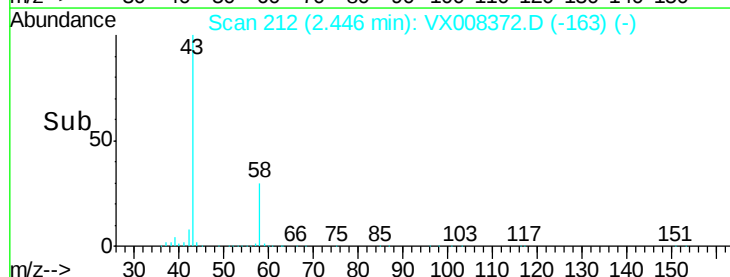
43 100

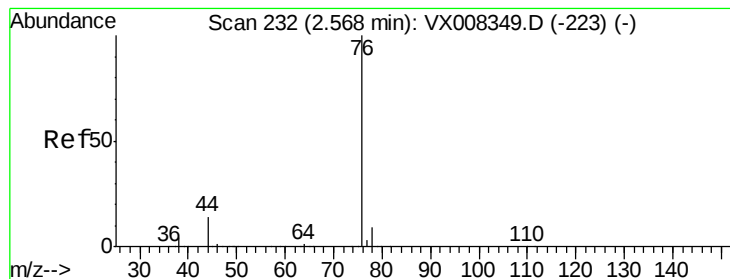
58 30.4 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX008372.D (-163) (-)

Ion 58.00 (57.70 to 58.70): VX008372.D (-163) (-)





#17

Carbon Disulfide

Concen: 47.356 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

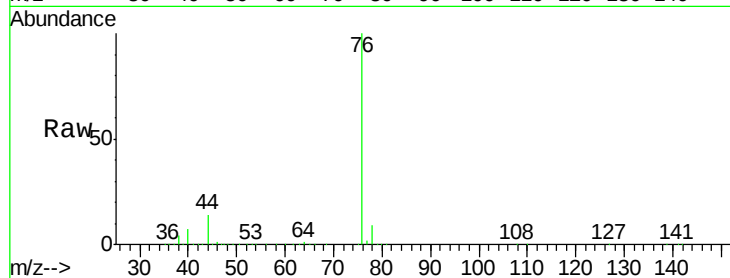
BP-TT-SW4002-20190314MSD

Tot Ion: 76 Resp: 334909

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

200000

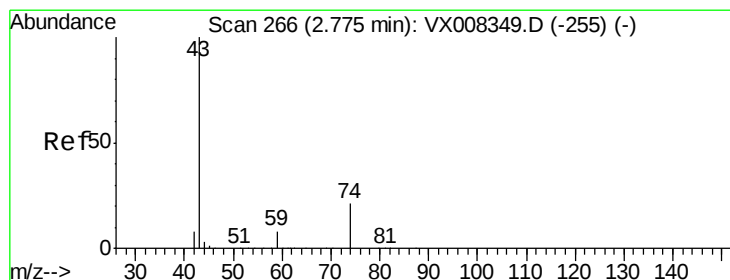
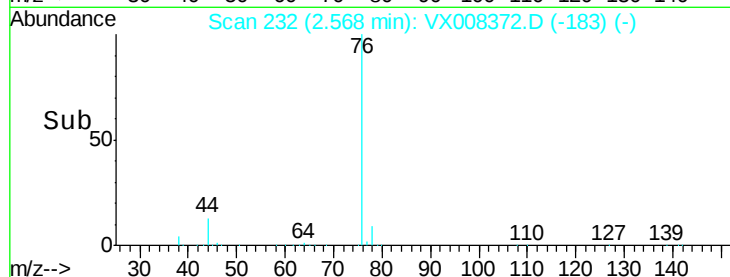
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 45.437 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX008372.D

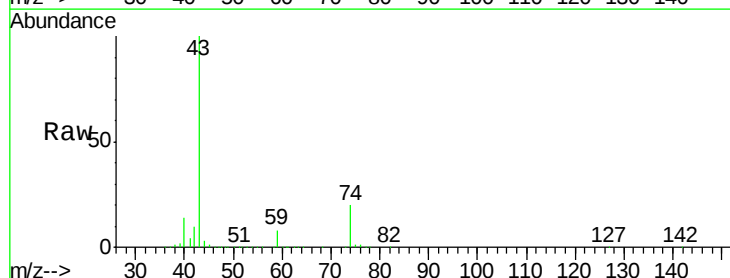
Acq: 23 Mar 2019 23:59

Tgt Ion: 43 Resp: 168364

Ion Ratio Lower Upper

43 100

74 20.8 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

100000

80000

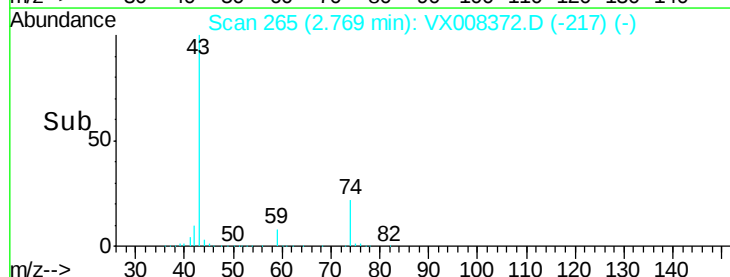
60000

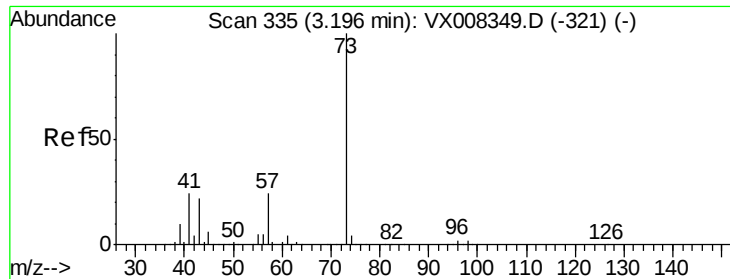
40000

20000

0

Time-->

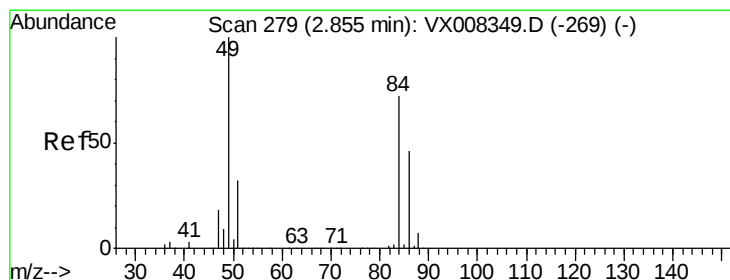
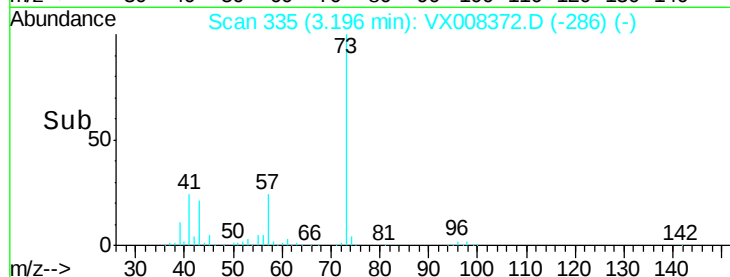
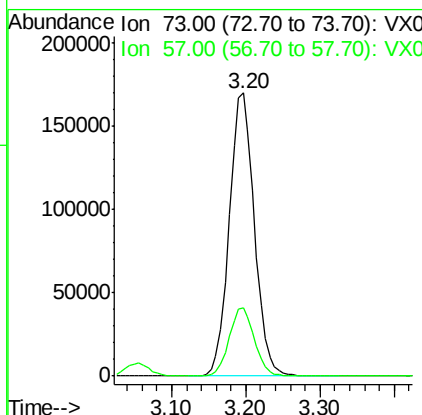
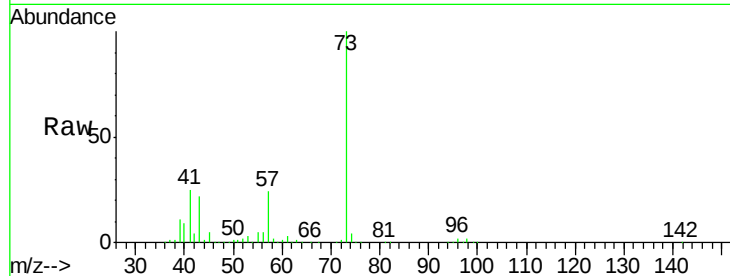




#19
Methyl tert-butyl Ether
Concen: 50.323 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008372.D
Acq: 23 Mar 2019 23:59

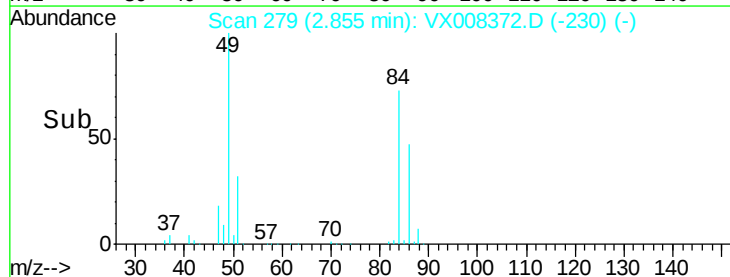
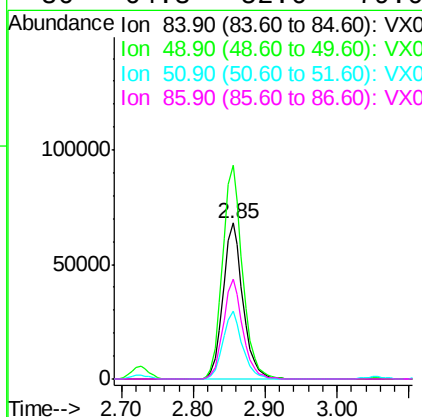
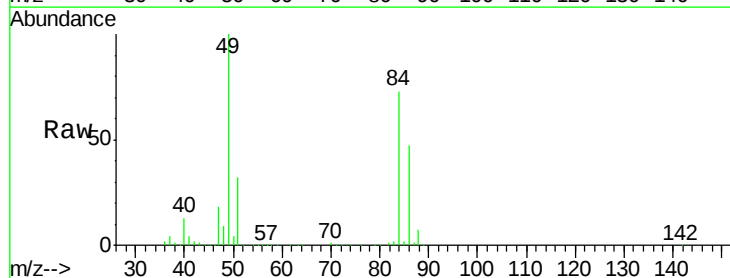
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20190314MSD

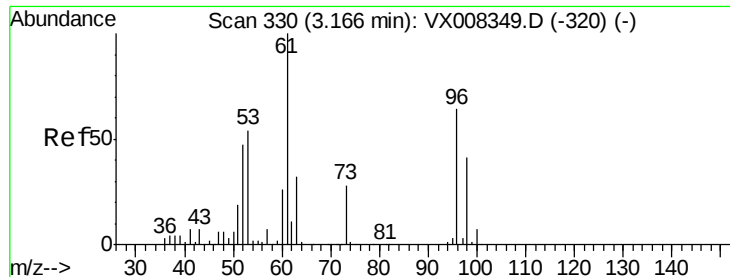
Tot Ion: 73 Resp: 400861
Ion Ratio Lower Upper
73 100
57 24.0 18.2 27.4



#20
Methylene Chloride
Concen: 48.869 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008372.D
Acq: 23 Mar 2019 23:59

Tgt Ion: 84 Resp: 130235
Ion Ratio Lower Upper
84 100
49 137.0 99.3 148.9
51 43.2 31.3 46.9
86 64.3 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 48.243 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20190314MSD

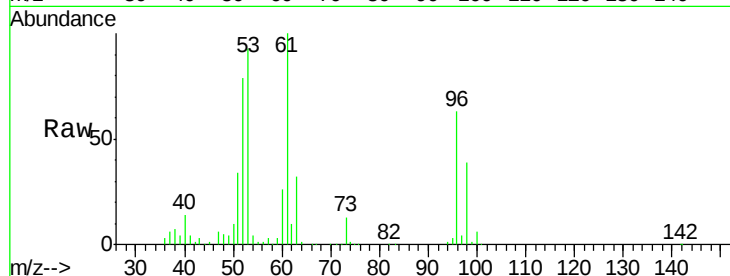
Tot Ion: 96 Resp: 11535

Ion Ratio Lower Upper

96 100

61 159.4 114.4 171.6

98 61.7 51.1 76.7

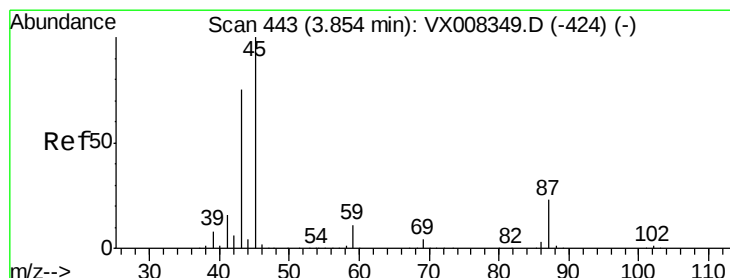
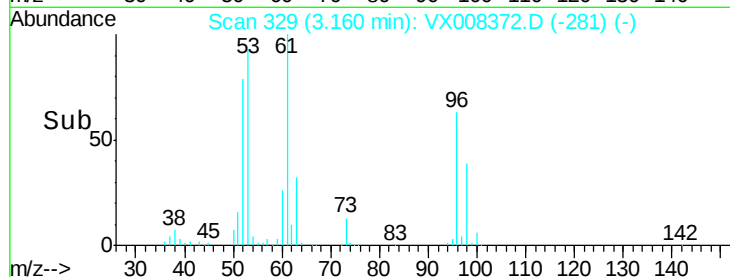
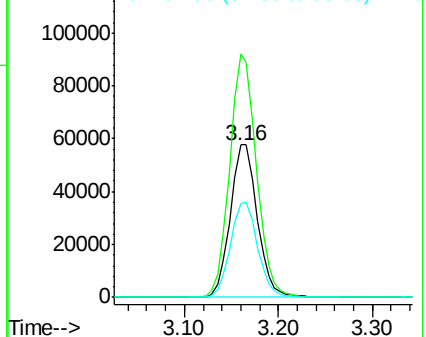


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.680 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Tgt Ion: 45 Resp: 482804

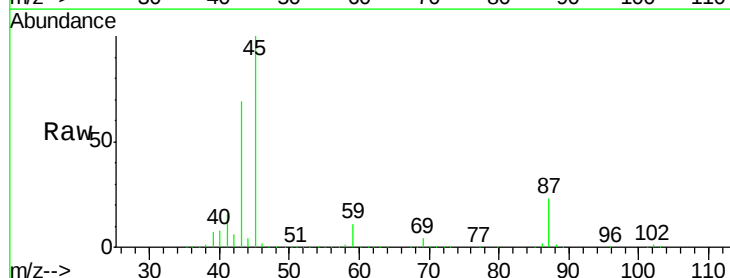
Ion Ratio Lower Upper

45 100

43 69.2 45.3 67.9#

87 23.0 21.4 32.0

59 11.1 9.5 14.3



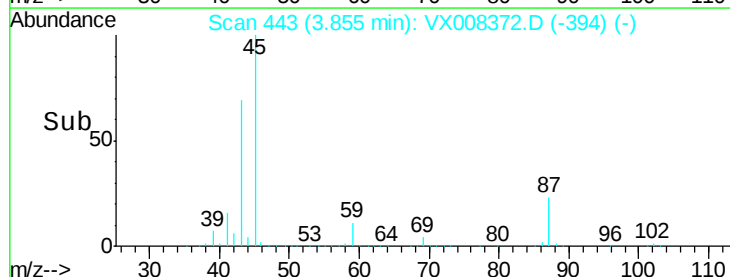
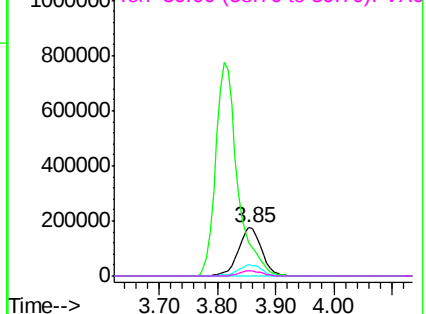
Abundance

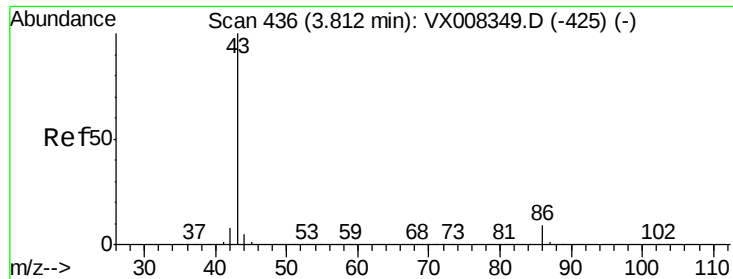
Ion 45.00 (44.70 to 45.70): VX0

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: 238.384 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

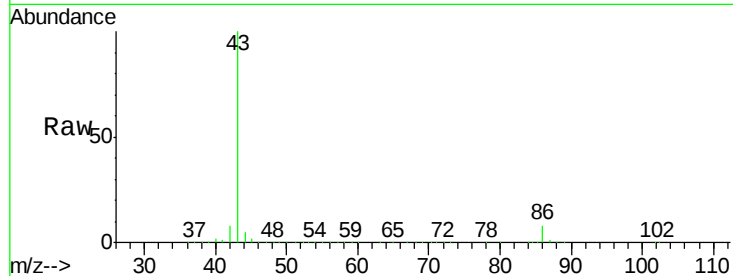
BP-TT-SW4002-20190314MSD

Tot Ion: 43 Resp: 2005068

Ion Ratio Lower Upper

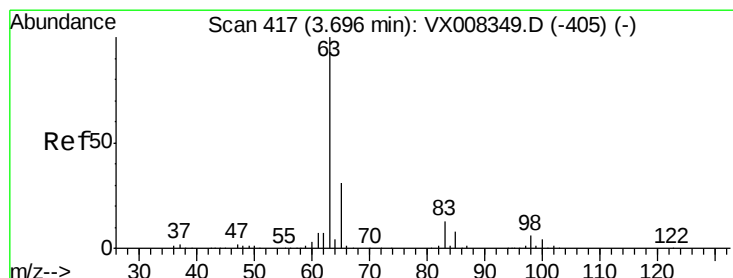
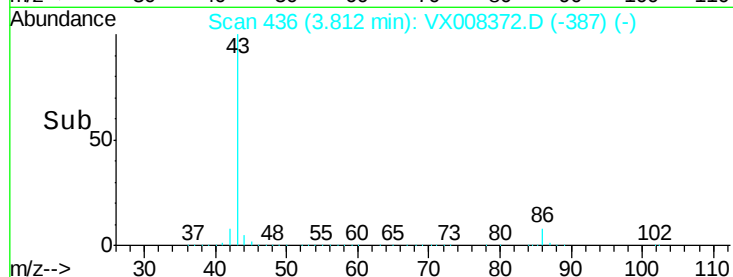
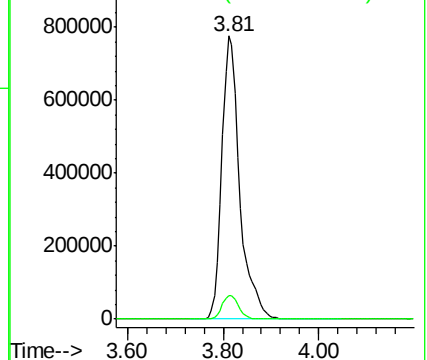
43 100

86 8.5 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.698 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

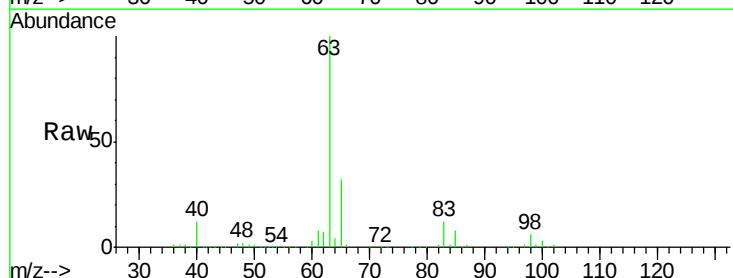
Tgt Ion: 63 Resp: 241386

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

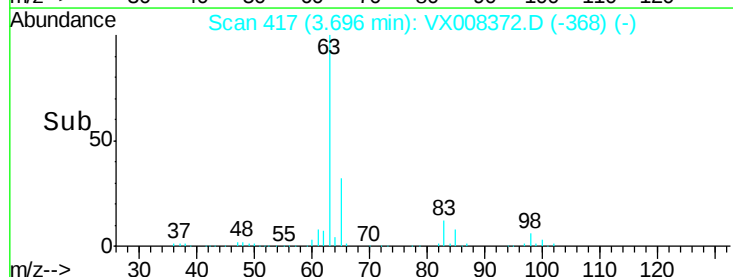
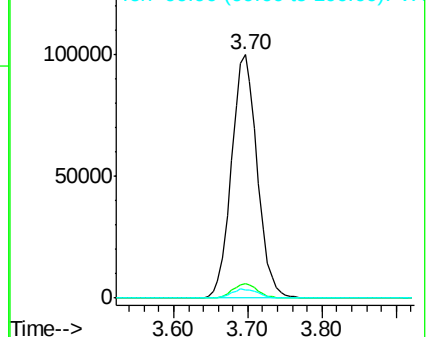
100 3.4 2.3 6.8

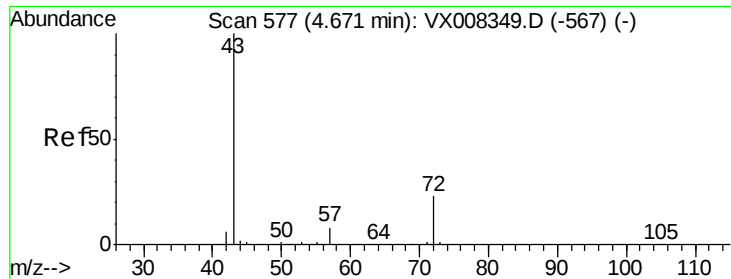


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 253.933 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

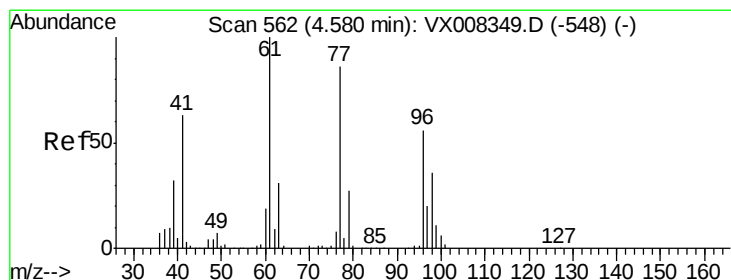
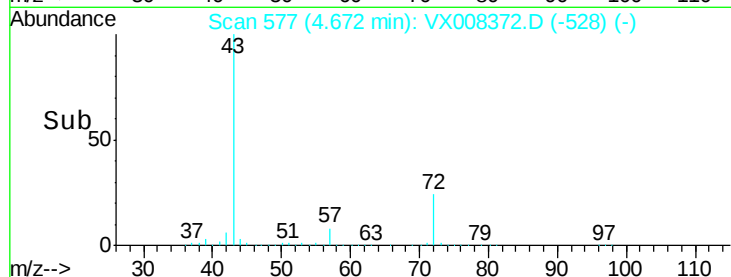
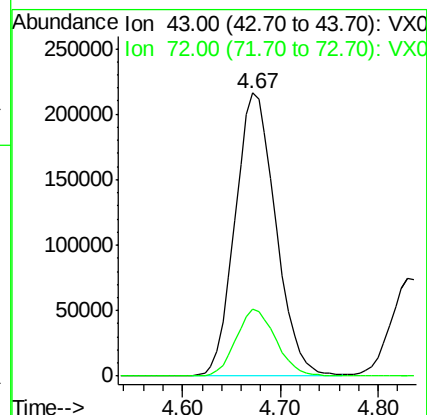
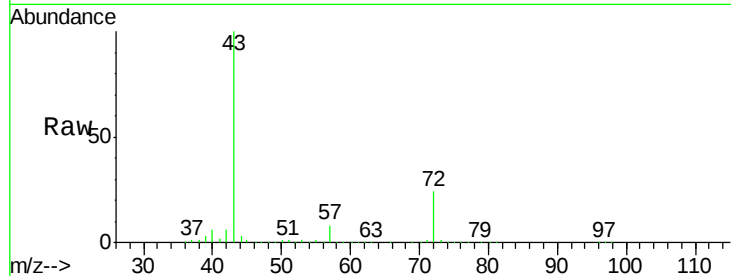
BP-TT-SW4002-20190314MSD

Tot Ion: 43 Resp: 618981

Ion Ratio Lower Upper

43 100

72 23.6 19.9 29.9



#26

2,2-Dichloropropane

Concen: 41.789 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX008372.D

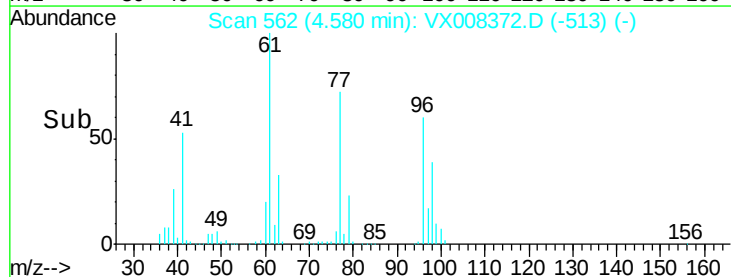
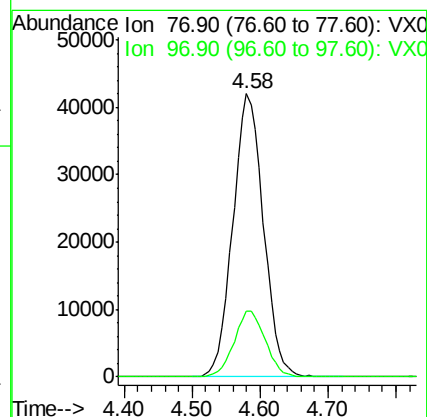
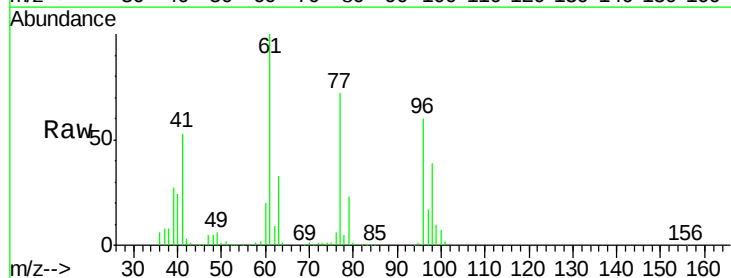
Acq: 23 Mar 2019 23:59

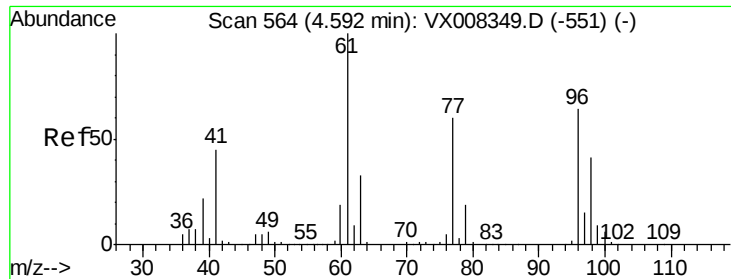
Tgt Ion: 77 Resp: 130771

Ion Ratio Lower Upper

77 100

97 23.8 12.2 36.6



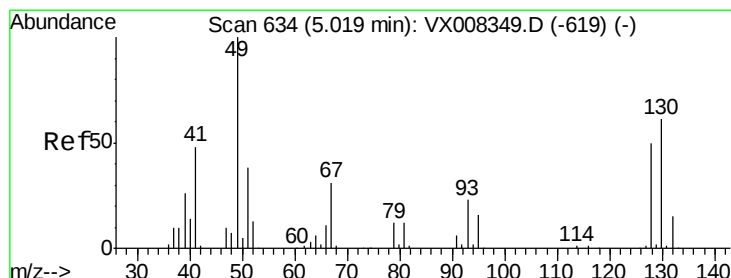
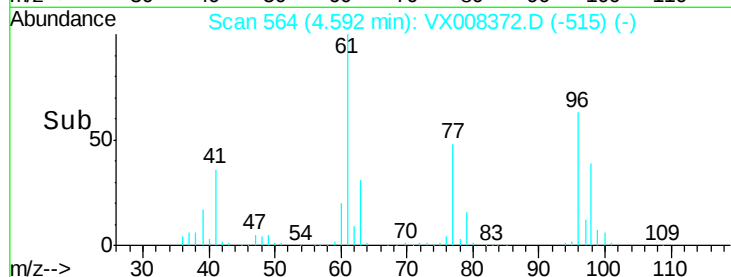
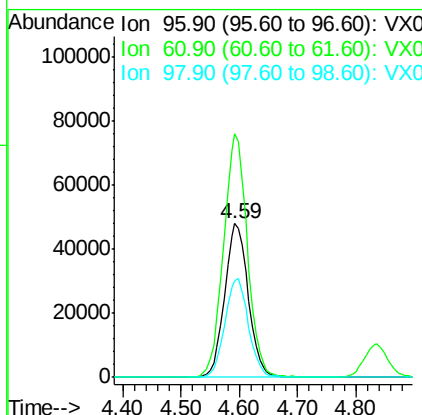
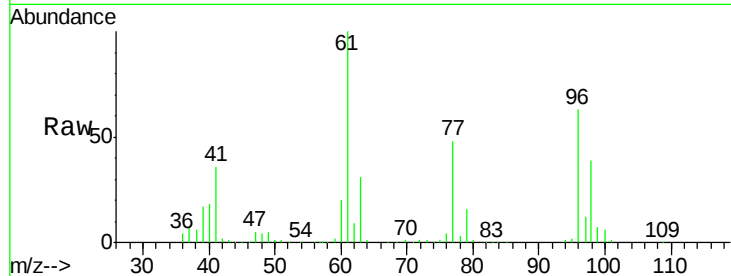


#27

cis-1,2-Dichloroethene
Concen: 48.998 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX008372.D
Acq: 23 Mar 2019 23:59

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20190314MSD

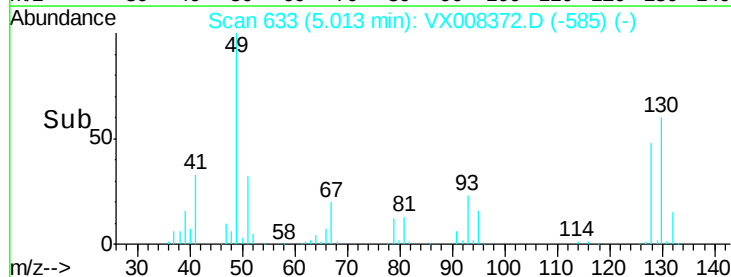
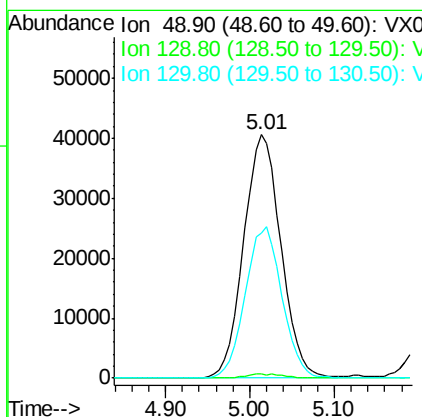
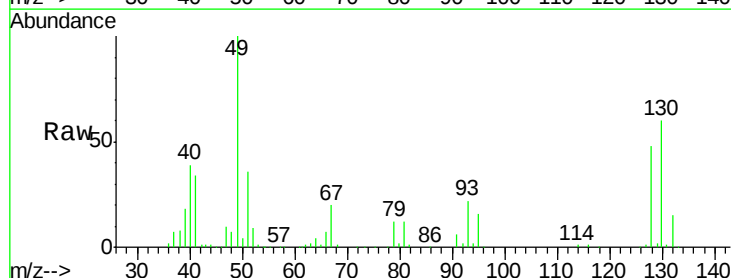
Tot Ion	96	Resp	134398
Ion	Ratio	Lower	Upper
96	100		
61	159.8	0.0	288.0
98	64.6	0.0	129.0

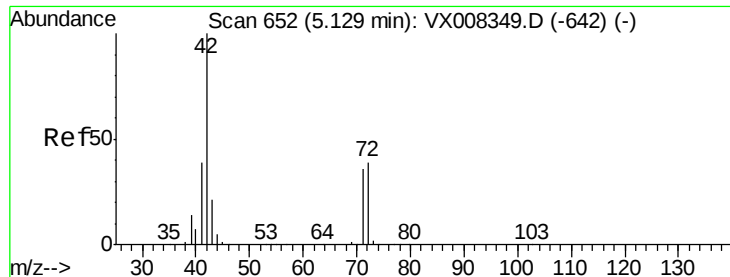


#28

Bromochloromethane
Concen: 50.343 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008372.D
Acq: 23 Mar 2019 23:59

Tgt Ion	49	Resp	122067
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	61.4	65.0	97.4#





#29

Tetrahydrofuran

Concen: 250.975 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20190314MSD

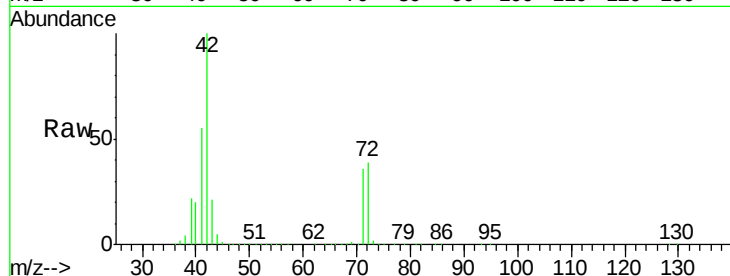
Tot Ion: 42 Resp: 406208

Ion Ratio Lower Upper

42 100

72 39.5 33.8 50.6

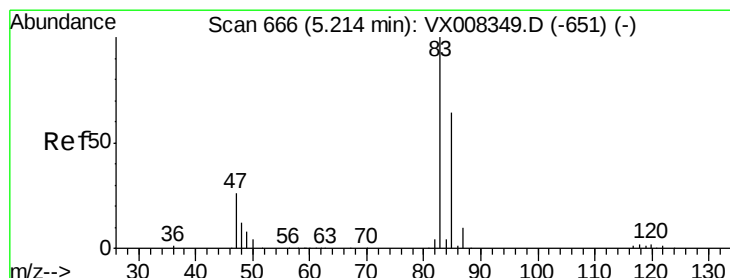
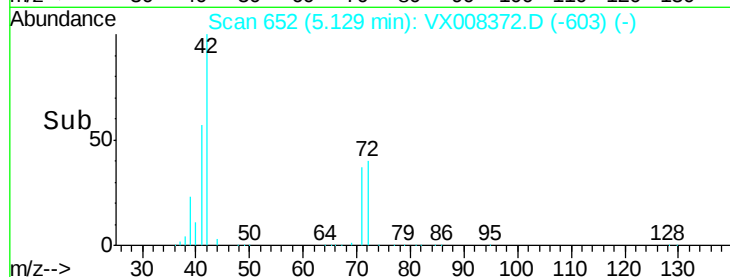
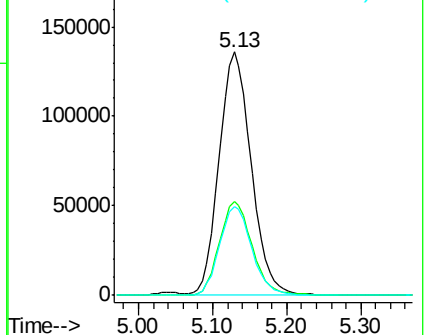
71 37.0 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.101 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX008372.D

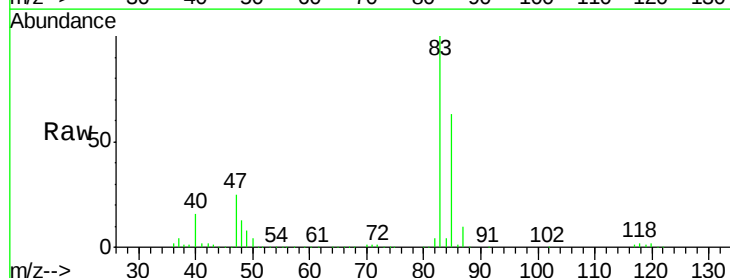
Acq: 23 Mar 2019 23:59

Tgt Ion: 83 Resp: 219397

Ion Ratio Lower Upper

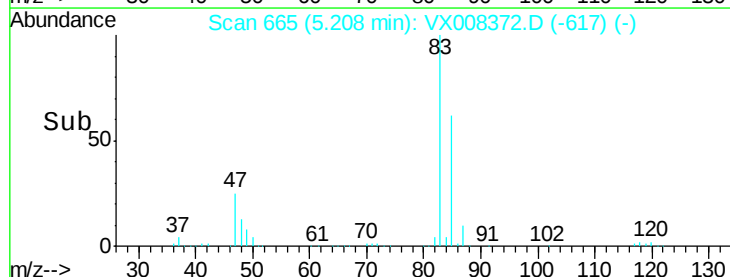
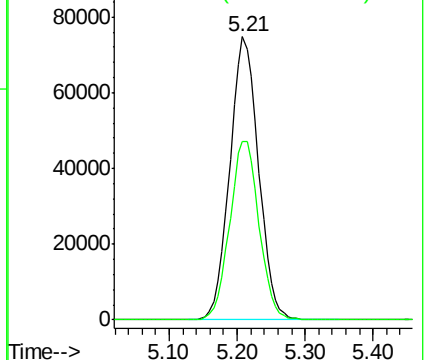
83 100

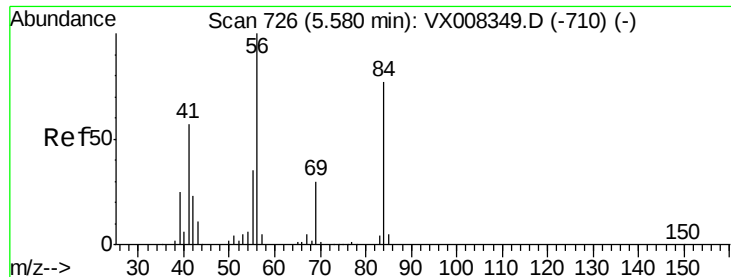
85 62.9 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

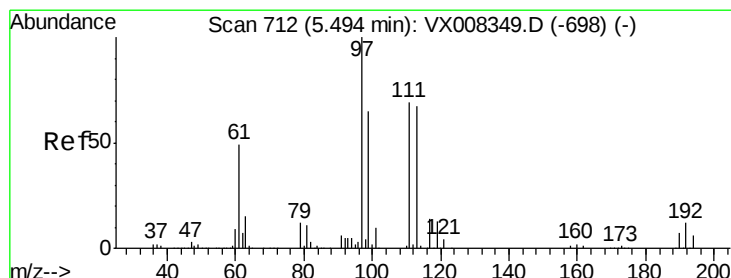
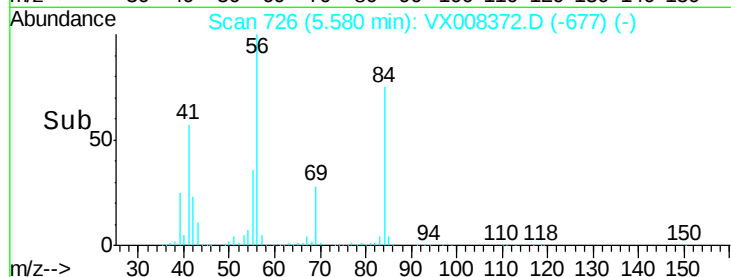
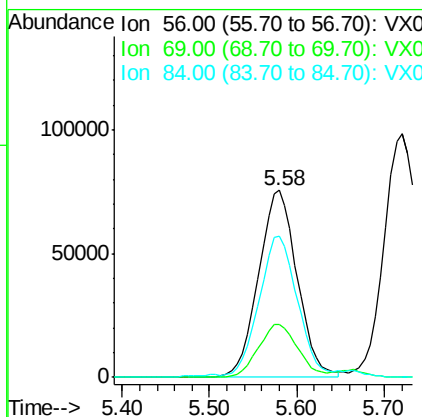
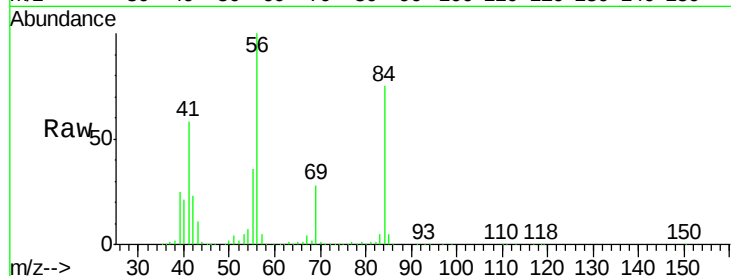




#31
Cyclohexane
Concen: 49.795 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008372.D
Acq: 23 Mar 2019 23:59

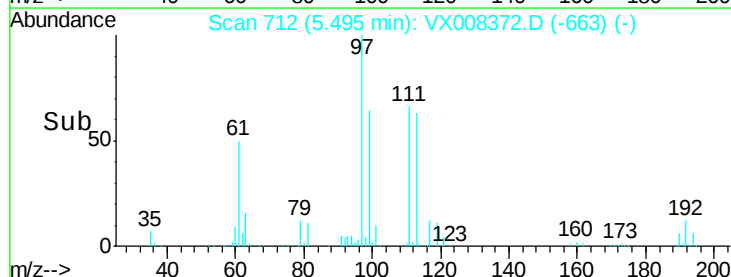
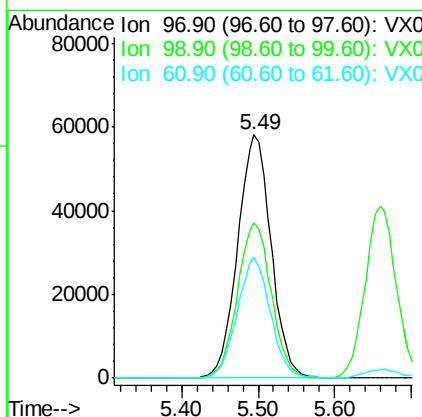
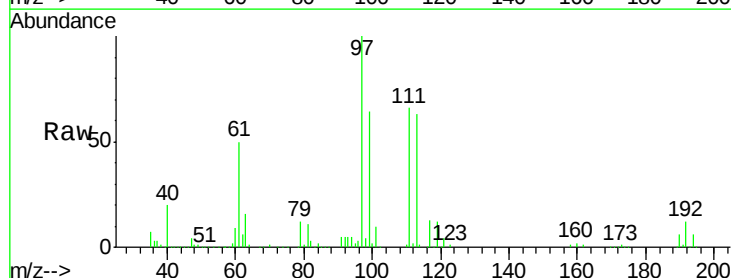
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20190314MSD

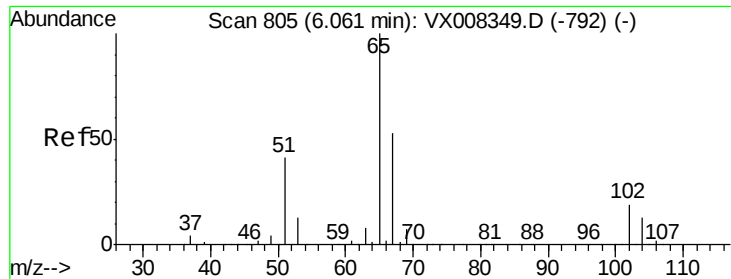
Tot Ion: 56 Resp: 231923
Ion Ratio Lower Upper
56 100
69 28.1 24.0 36.0
84 74.5 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 50.870 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008372.D
Acq: 23 Mar 2019 23:59

Tgt Ion: 97 Resp: 176244
Ion Ratio Lower Upper
97 100
99 64.6 52.2 78.2
61 49.3 34.9 52.3

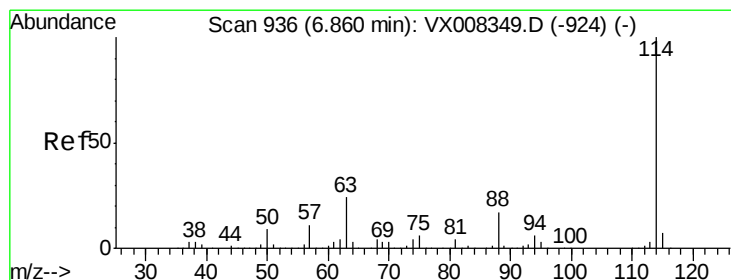
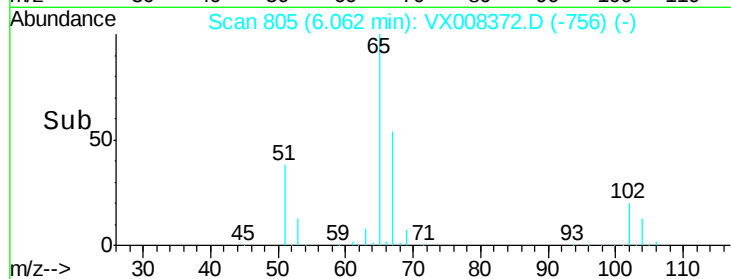
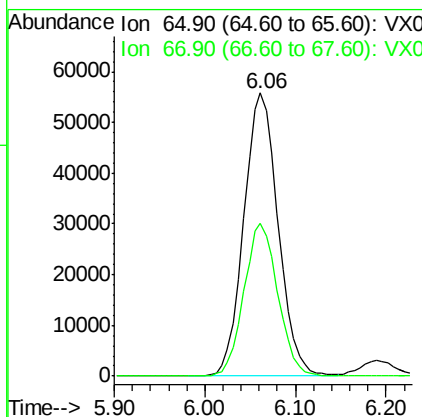
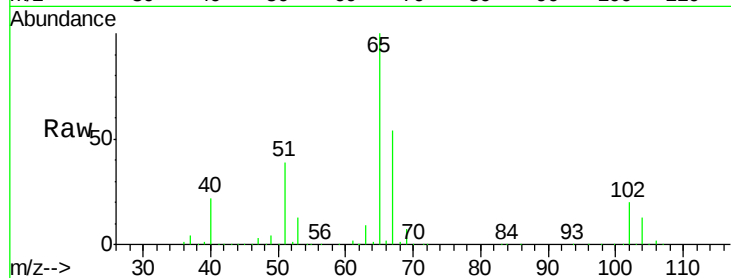




#33
 1,2-Dichloroethane-d4
 Concen: 49.321 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008372.D
 Acq: 23 Mar 2019 23:59

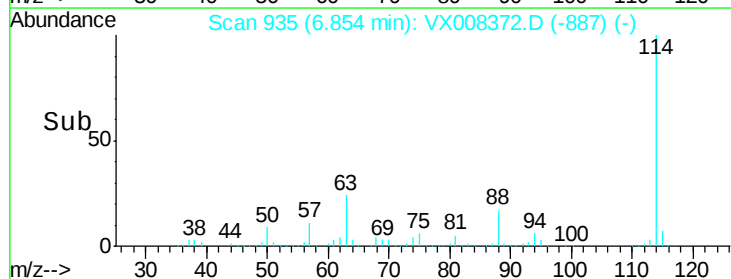
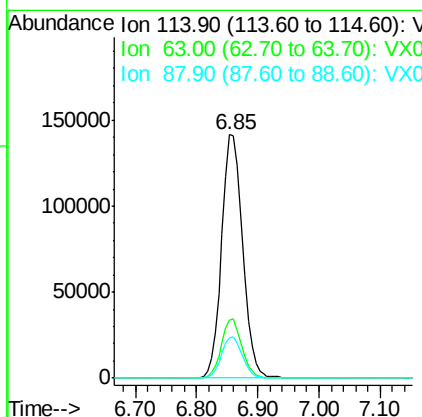
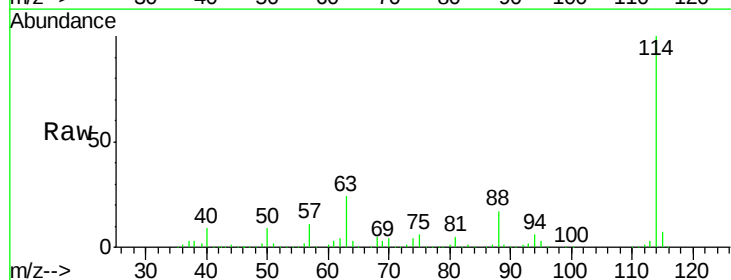
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20190314MSD

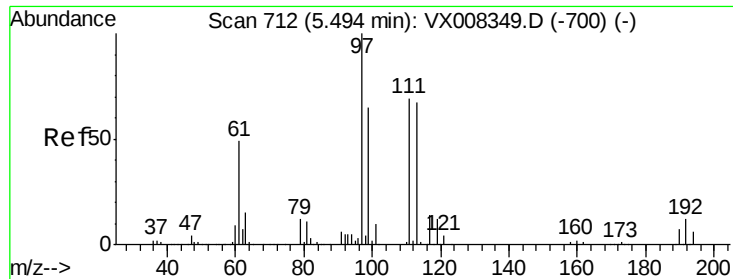
Tot Ion: 65 Resp: 146073
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008372.D
 Acq: 23 Mar 2019 23:59

Tgt Ion: 114 Resp: 338716
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 39.8
 88 16.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.253 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20190314MSD

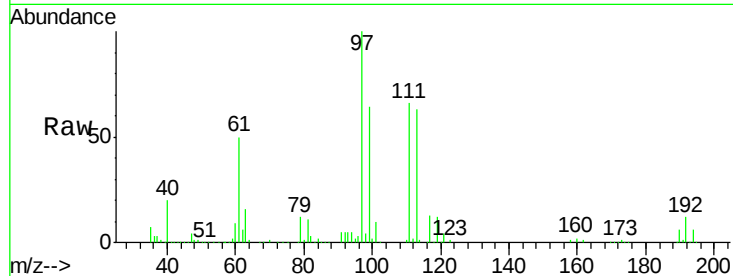
Tot Ion:113 Resp: 108087

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

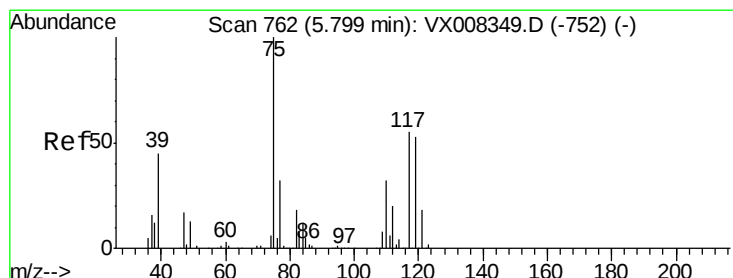
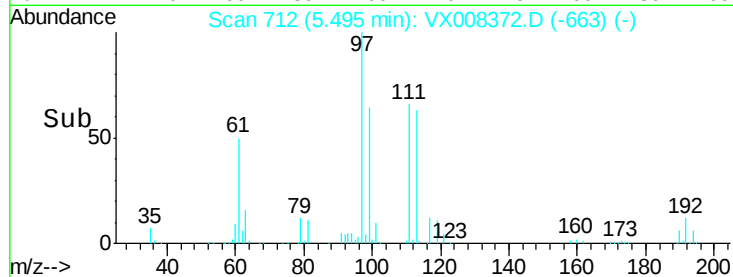
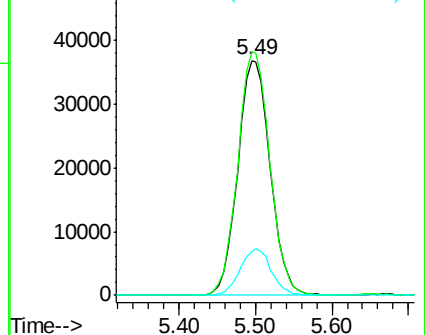
192 19.1 19.4 29.0#



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.293 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

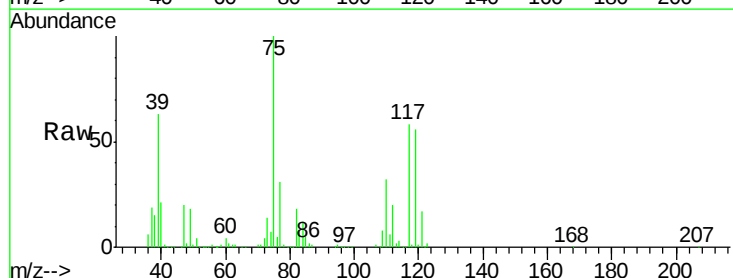
Tgt Ion: 75 Resp: 170612

Ion Ratio Lower Upper

75 100

110 32.6 18.4 55.0

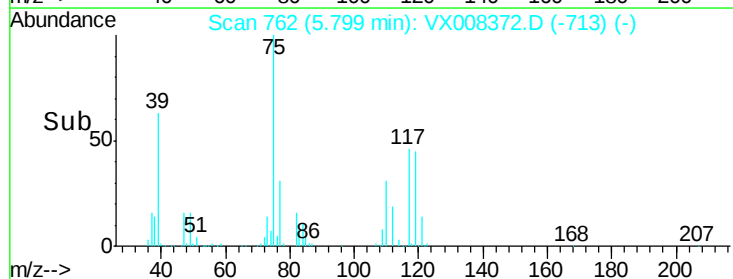
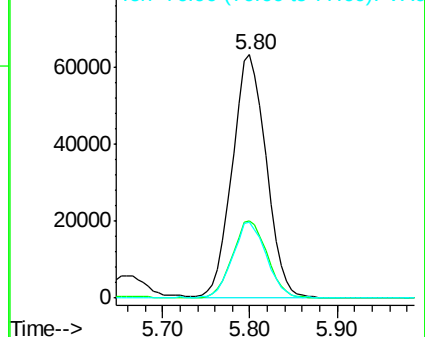
77 31.3 25.0 37.4

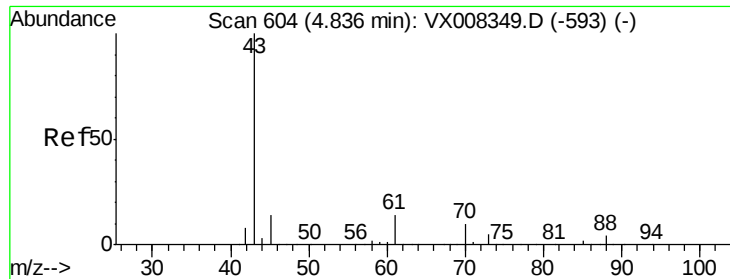


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

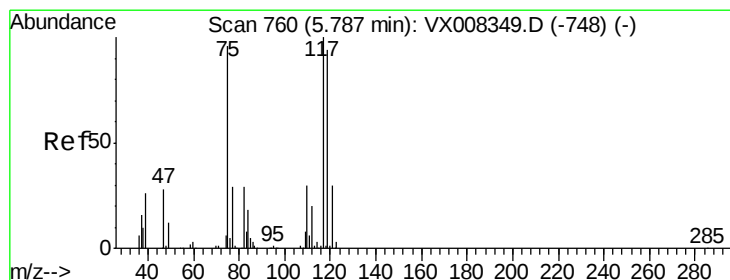
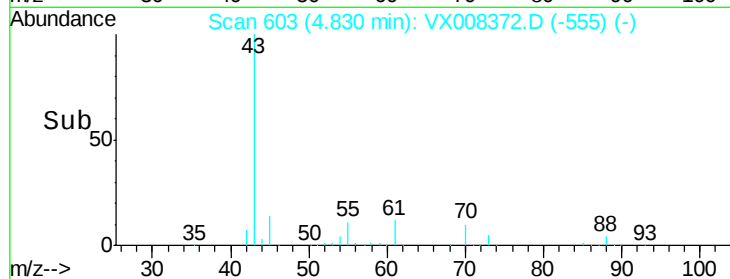
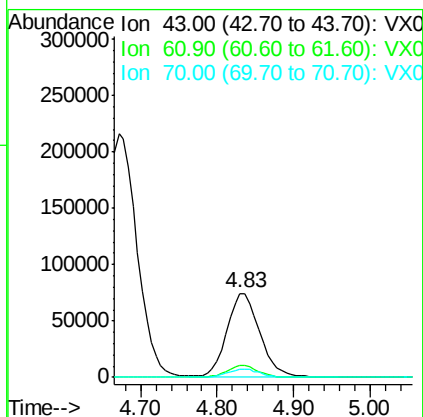
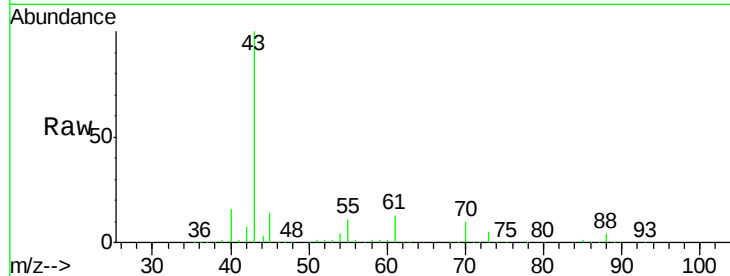




#37
Ethyl Acetate
Concen: 46.912 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008372.D
Acq: 23 Mar 2019 23:59

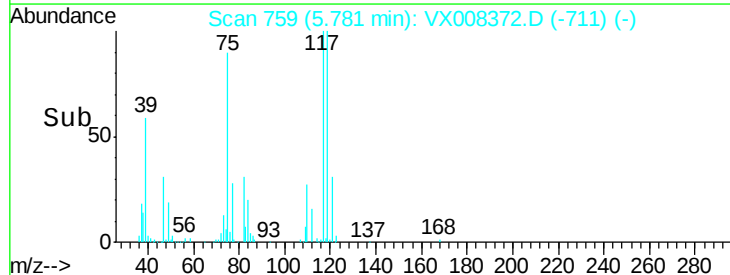
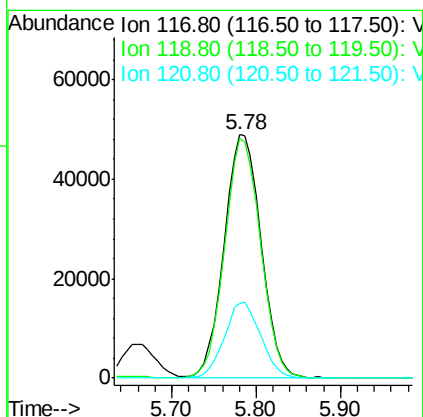
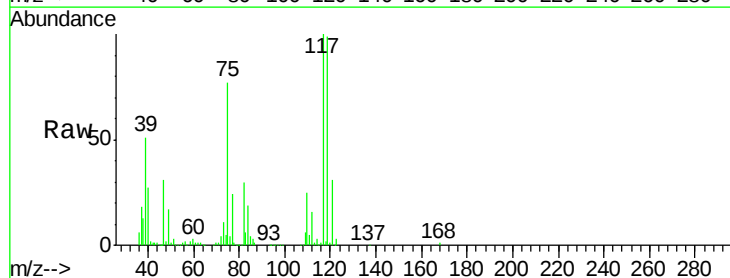
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20190314MSD

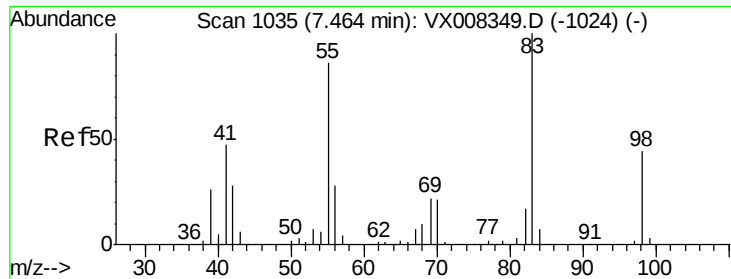
Tot Ion:	43	Resp:	219751
Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.3	16.9
70	9.7	8.5	12.7



#38
Carbon Tetrachloride
Concen: 49.200 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008372.D
Acq: 23 Mar 2019 23:59

Tgt Ion:	117	Resp:	145973
Ion	Ratio	Lower	Upper
117	100		
119	98.7	76.2	114.2
121	30.9	24.6	36.8

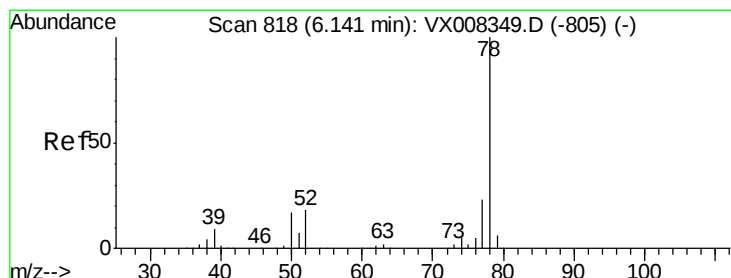
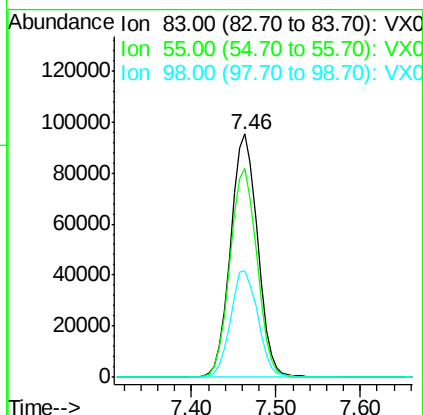
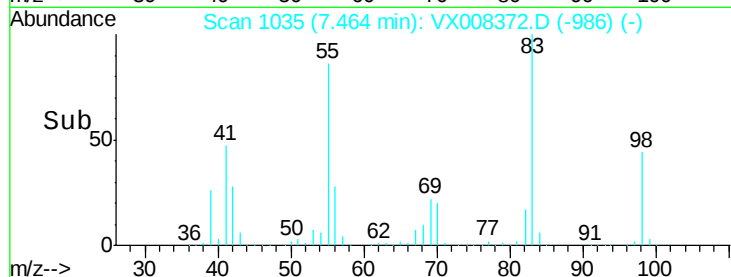
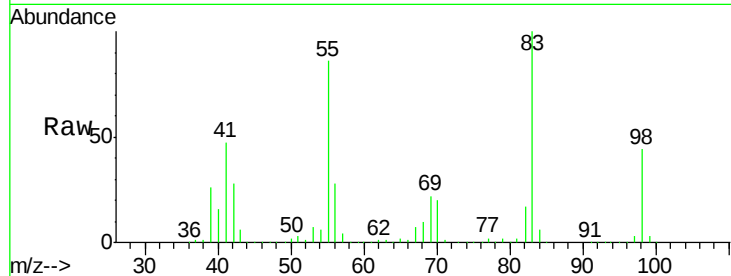




#39
Methvlcvclohexane
Concen: 48.779 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008372.D
Acq: 23 Mar 2019 23:59

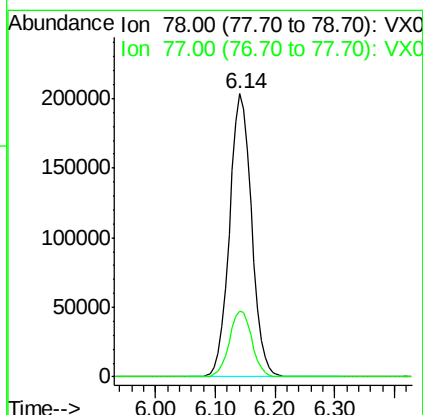
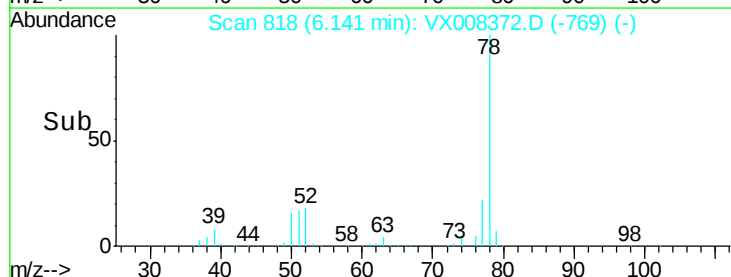
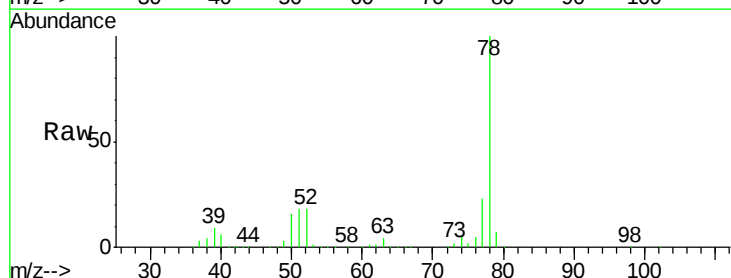
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20190314MSD

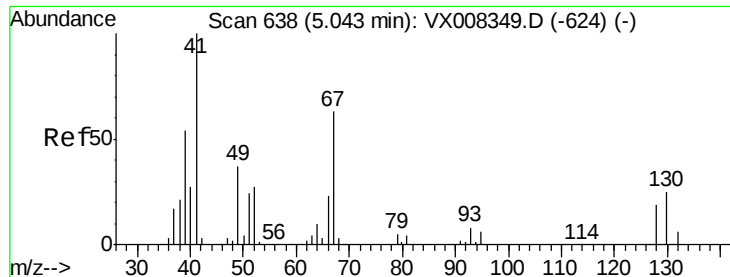
Tot Ion: 83 Resp: 206943
Ion Ratio Lower Upper
83 100
55 85.9 60.4 90.6
98 43.8 36.5 54.7



#40
Benzene
Concen: 49.653 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008372.D
Acq: 23 Mar 2019 23:59

Tgt Ion: 78 Resp: 523381
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4





#41

Methacrylonitrile

Concen: 52.293 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20190314MSD

Tot Ion: 41 Resp: 133518

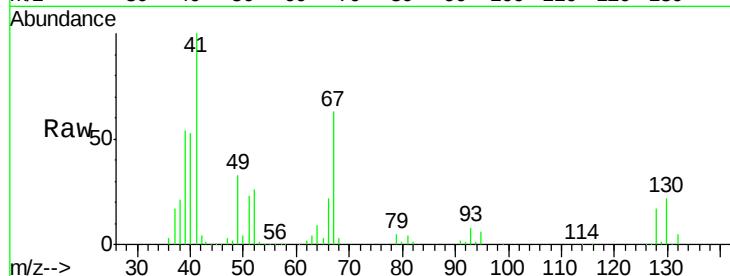
Ion Ratio Lower Upper

41 100

39 53.4 41.6 62.4

67 64.0 55.8 83.6

52 26.3 21.7 32.5

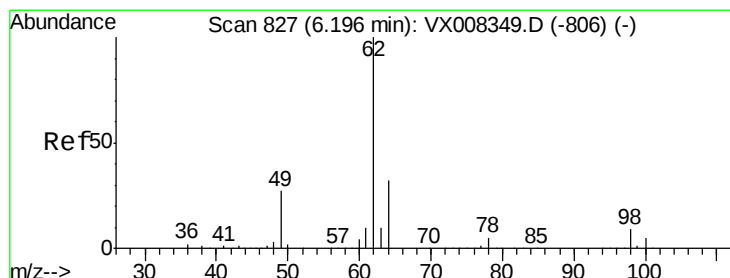
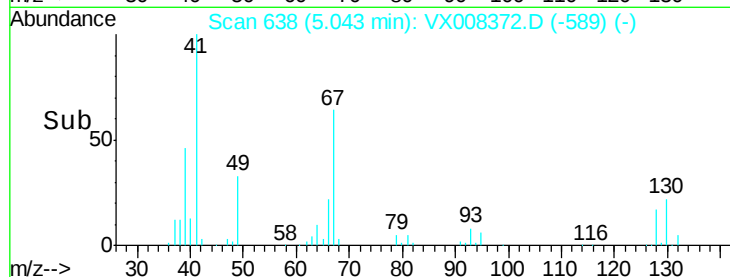
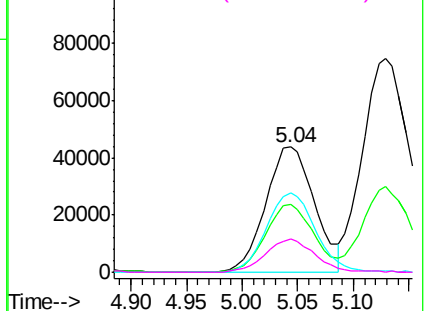


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 49.056 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX008372.D

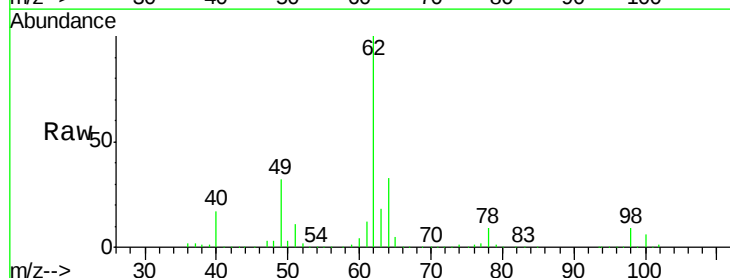
Acq: 23 Mar 2019 23:59

Tgt Ion: 62 Resp: 187651

Ion Ratio Lower Upper

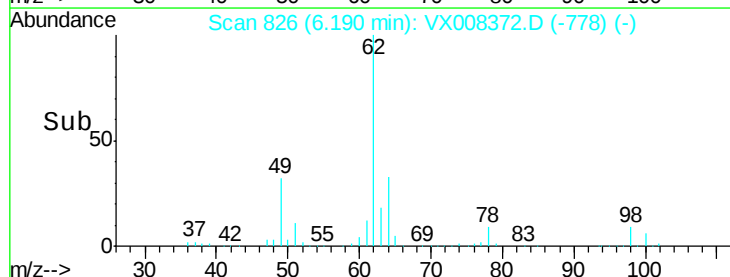
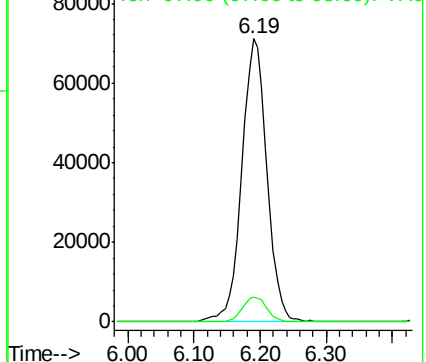
62 100

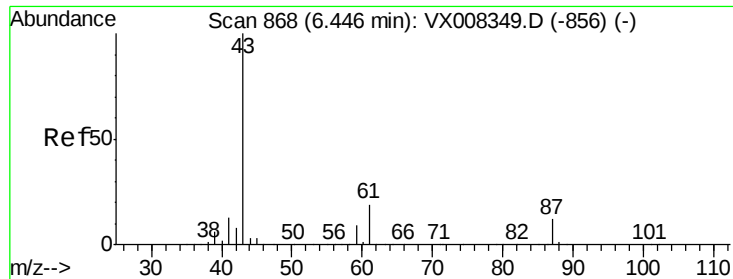
98 8.7 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



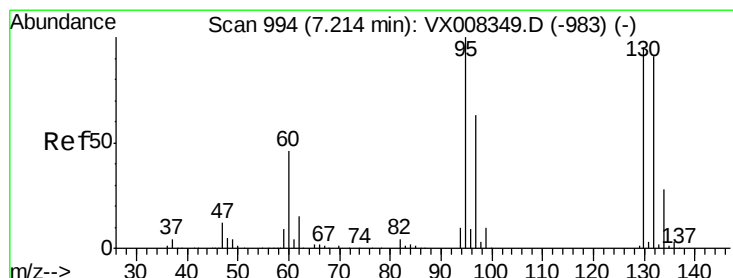
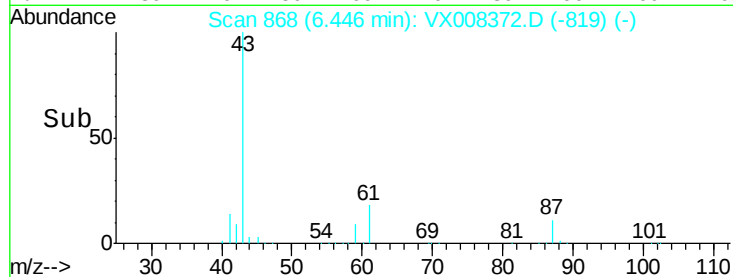
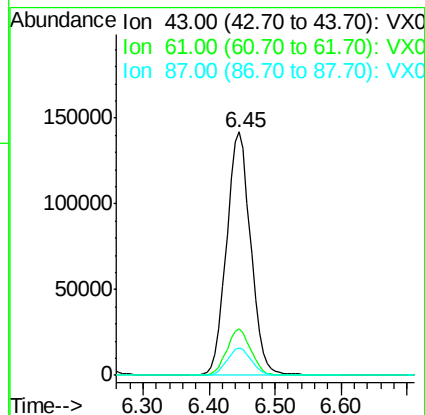
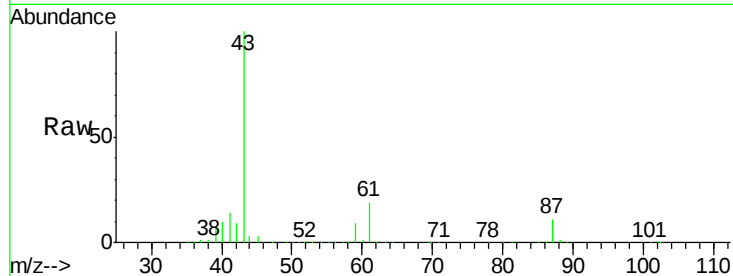


#43

Isopropyl Acetate
 Concen: 49.014 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX008372.D
 Acq: 23 Mar 2019 23:59

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20190314MSD

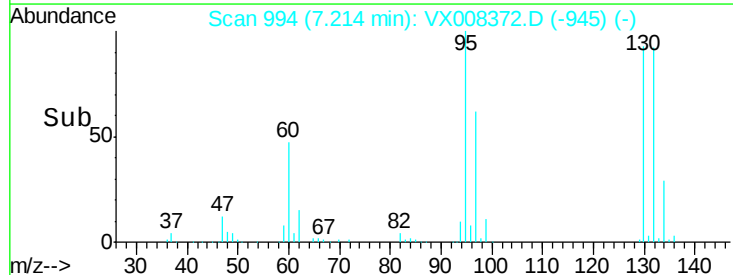
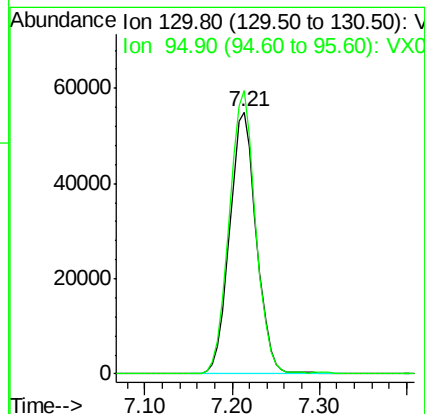
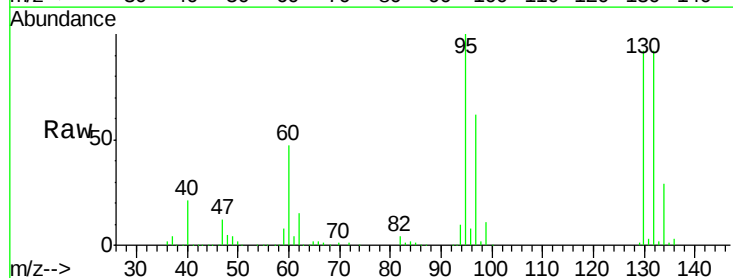
Tot Ion: 43 Resp: 357524
 Ion Ratio Lower Upper
 43 100
 61 19.2 16.3 24.5
 87 11.4 10.5 15.7

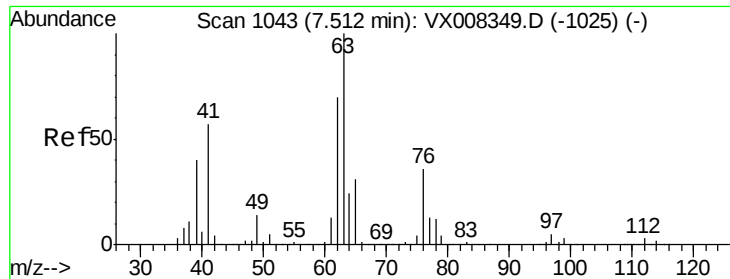


#44

Trichloroethene
 Concen: 47.765 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008372.D
 Acq: 23 Mar 2019 23:59

Tgt Ion: 130 Resp: 116920
 Ion Ratio Lower Upper
 130 100
 95 108.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 49.833 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

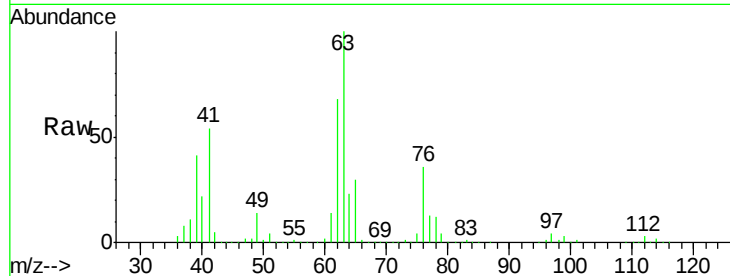
BP-TT-SW4002-20190314MSD

Tot Ion: 63 Resp: 148705

Ion Ratio Lower Upper

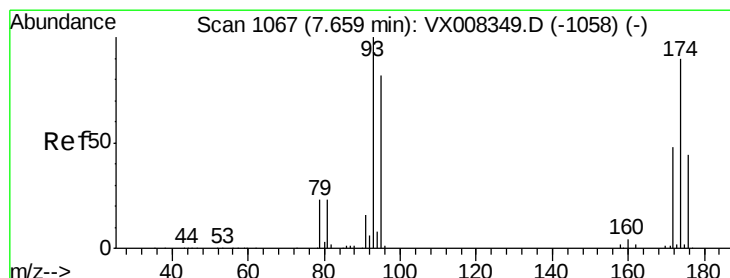
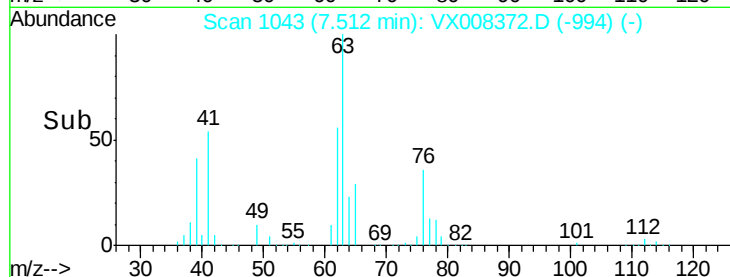
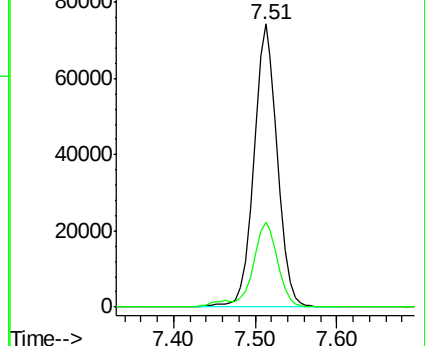
63 100

65 30.2 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.388 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

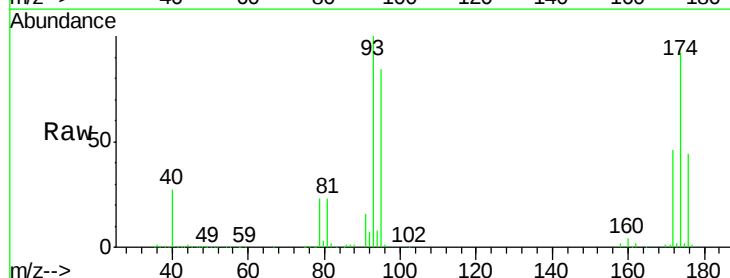
Tgt Ion: 93 Resp: 85690

Ion Ratio Lower Upper

93 100

95 83.2 66.8 100.2

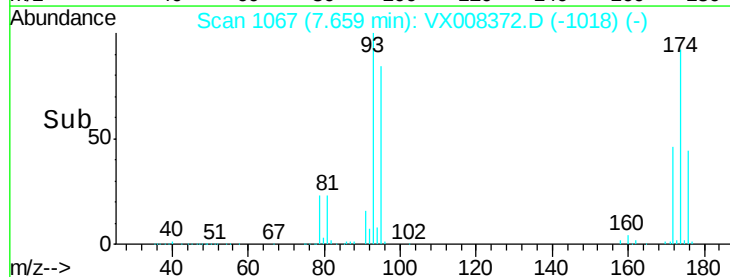
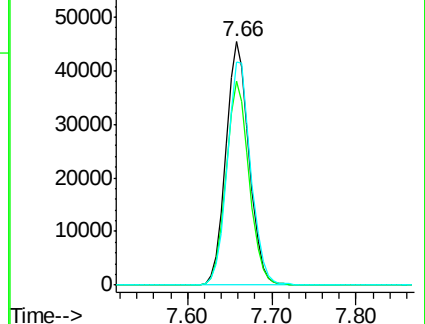
174 93.2 97.3 145.9#

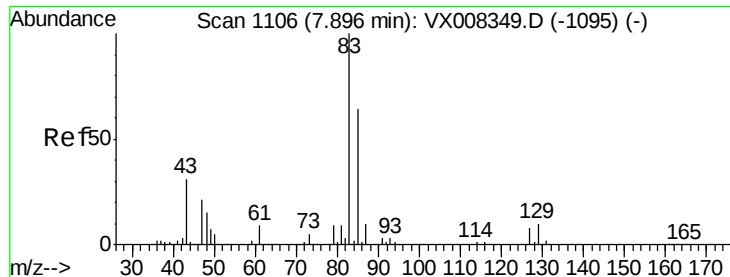


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.155 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20190314MSD

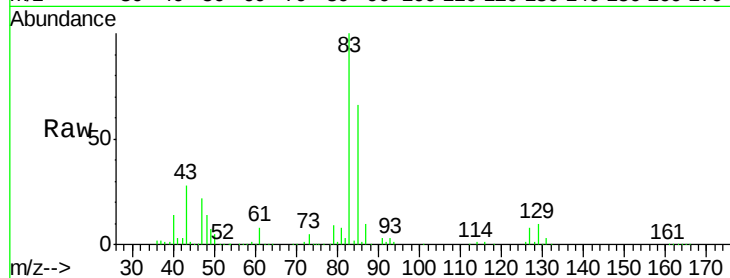
Tot Ion: 83 Resp: 169417

Ion Ratio Lower Upper

83 100

85 65.8 50.9 76.3

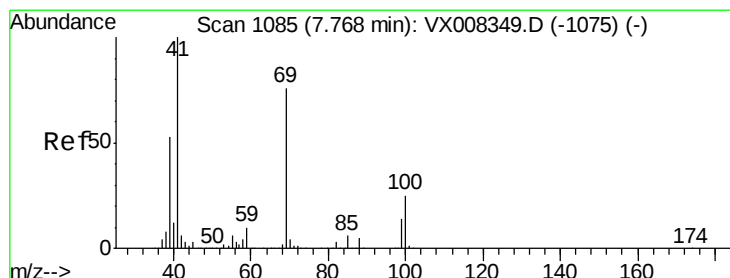
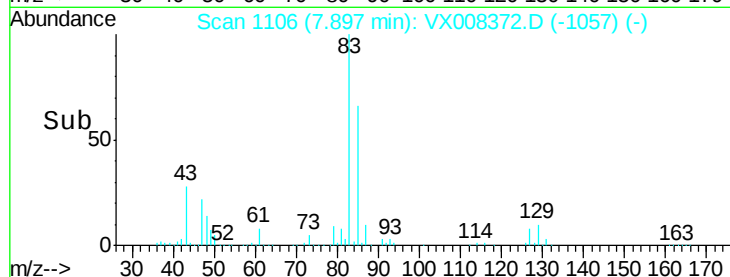
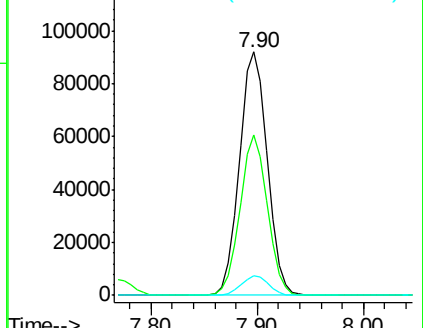
127 8.0 7.4 11.0



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: 51.446 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

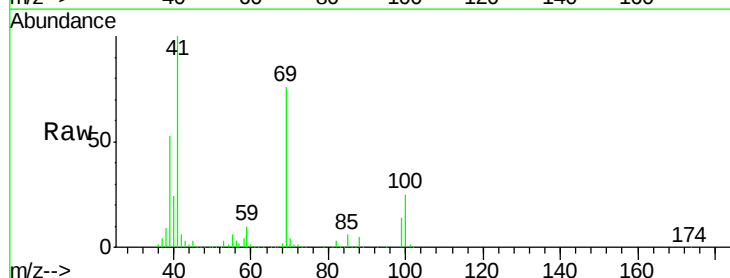
Tgt Ion: 41 Resp: 189359

Ion Ratio Lower Upper

41 100

69 75.5 65.2 97.8

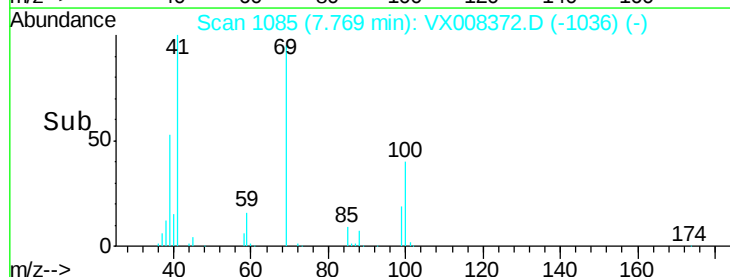
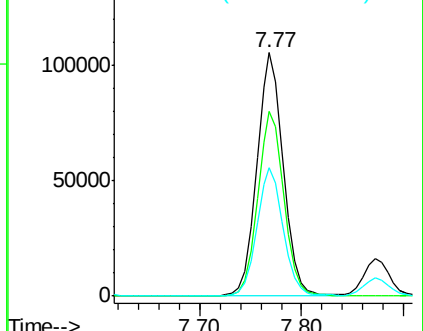
39 52.4 39.4 59.2

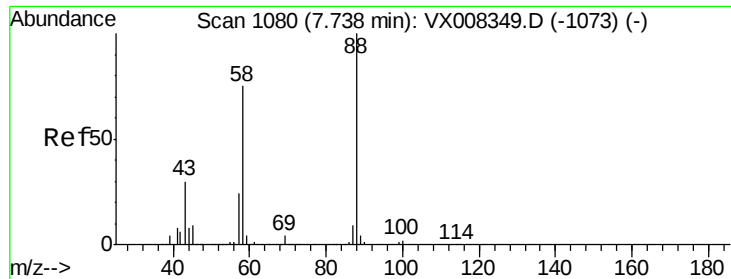


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

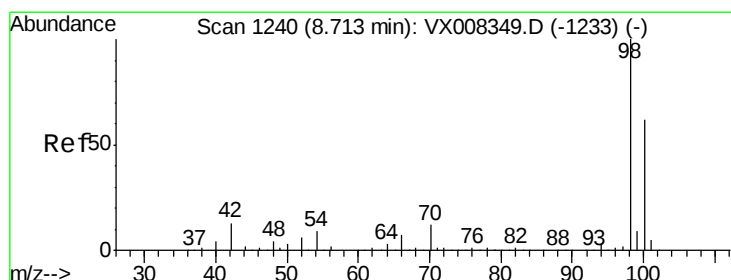
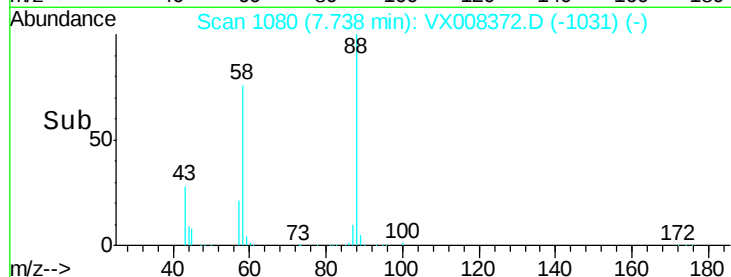
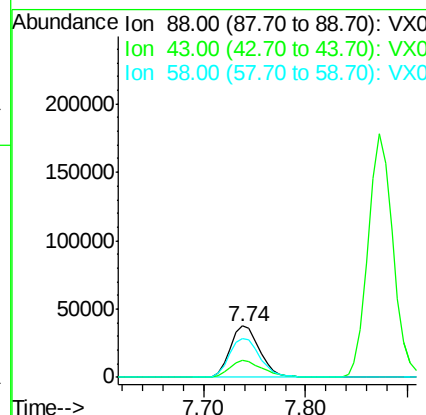
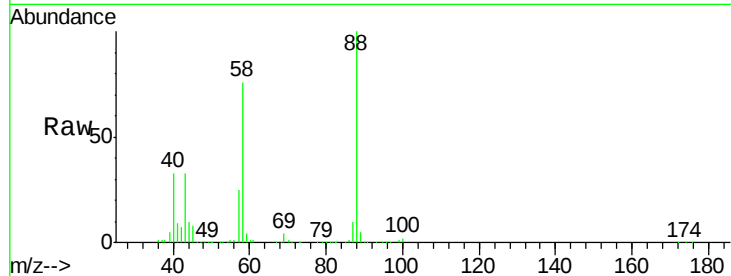




#49
1,4-Dioxane
Concen: 1018.828 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008372.D
Acq: 23 Mar 2019 23:59

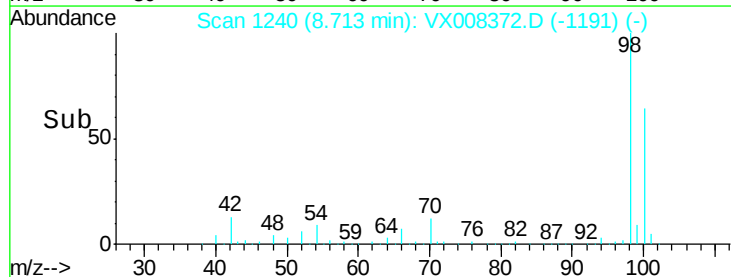
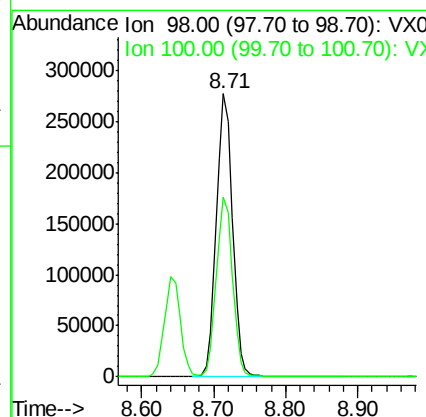
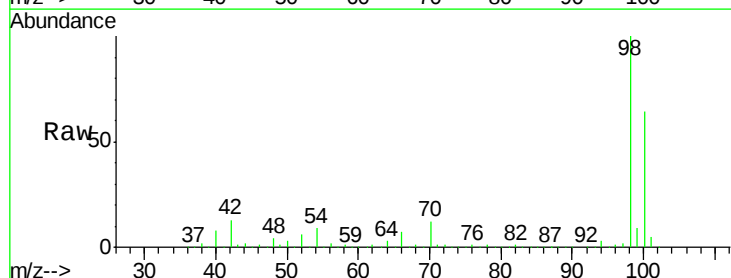
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20190314MSD

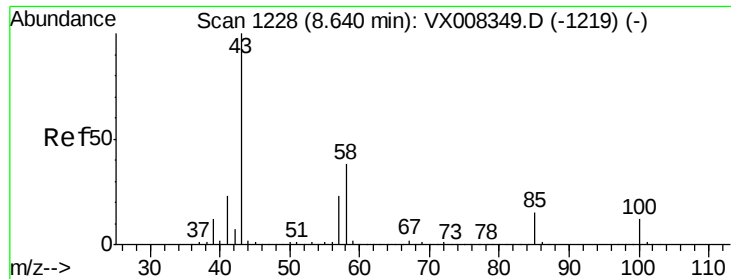
Tot Ion: 88 Resp: 75660
Ion Ratio Lower Upper
88 100
43 36.4 25.1 37.7
58 79.0 57.8 86.6



#50
Toluene-d8
Concen: 49.752 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008372.D
Acq: 23 Mar 2019 23:59

Tgt Ion: 98 Resp: 431849
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 260.038 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

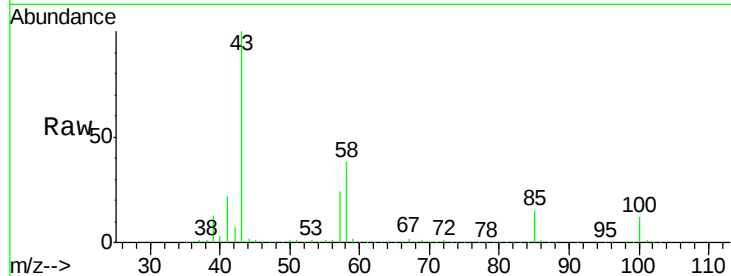
BP-TT-SW4002-20190314MSD

Tot Ion: 43 Resp: 1244517

Ion Ratio Lower Upper

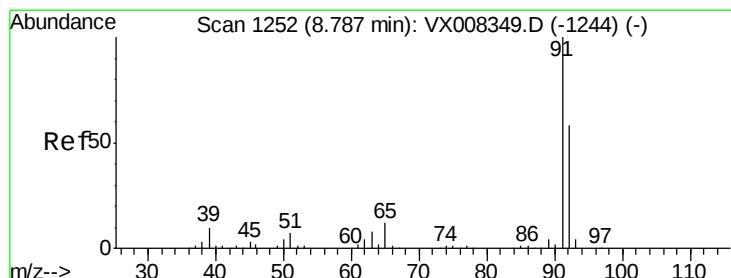
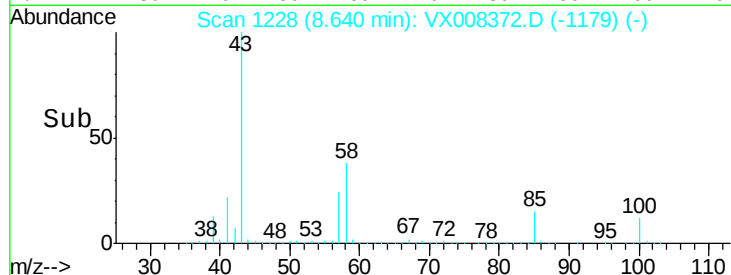
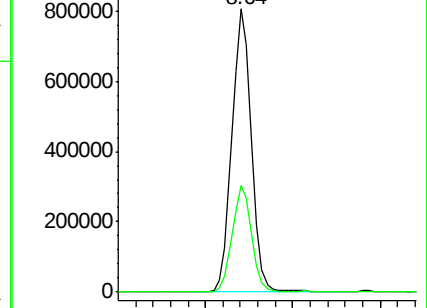
43 100

58 37.3 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.460 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX008372.D

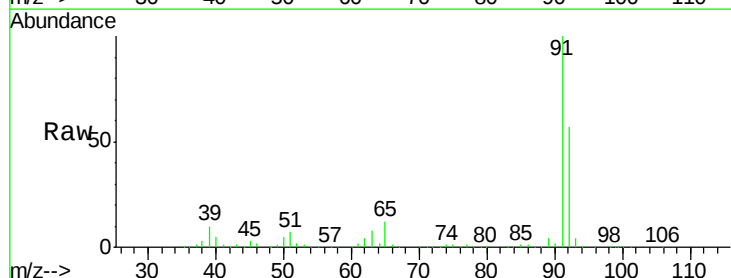
Acq: 23 Mar 2019 23:59

Tgt Ion: 92 Resp: 311884

Ion Ratio Lower Upper

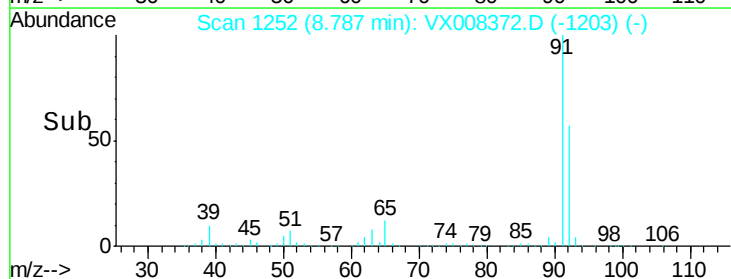
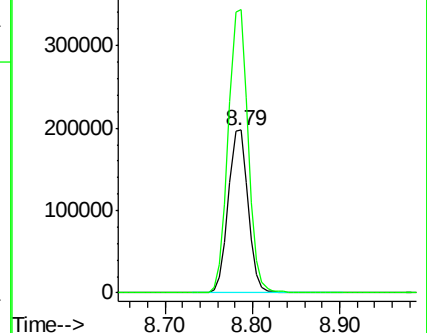
92 100

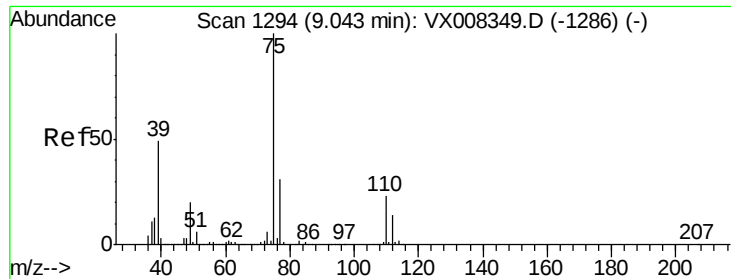
91 174.2 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

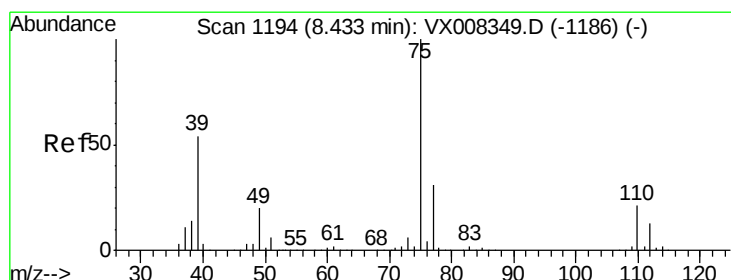
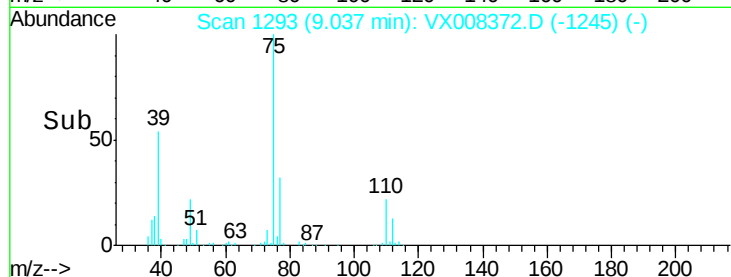
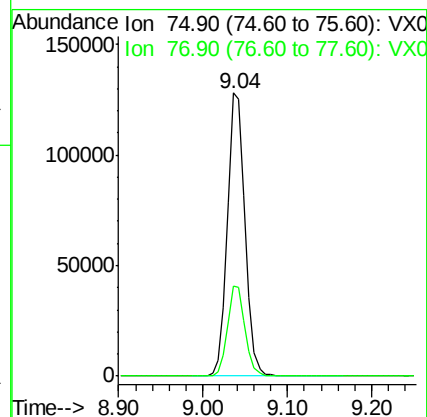
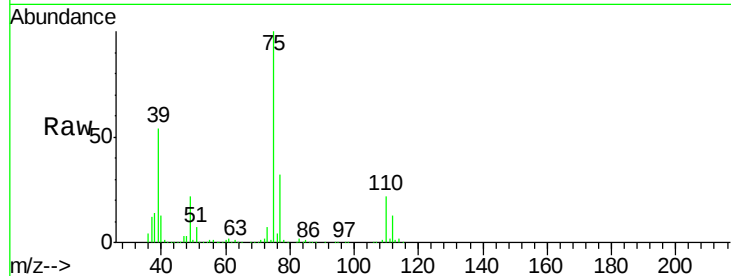




#53
t-1,3-Dichloropropene
Concen: 51.043 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX008372.D
Acq: 23 Mar 2019 23:59

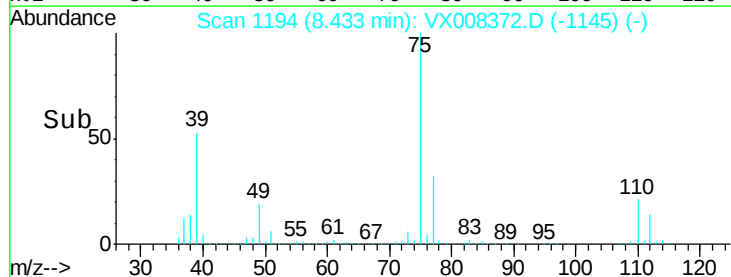
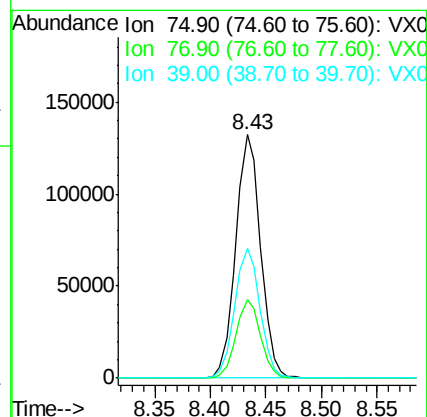
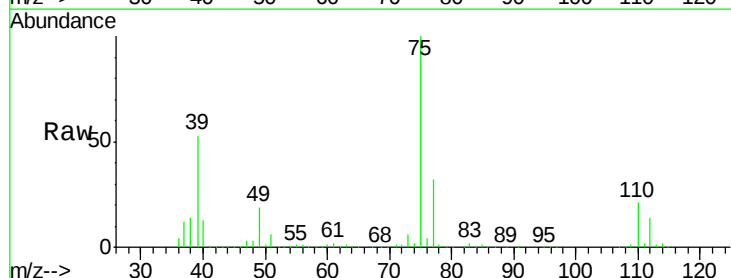
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20190314MSD

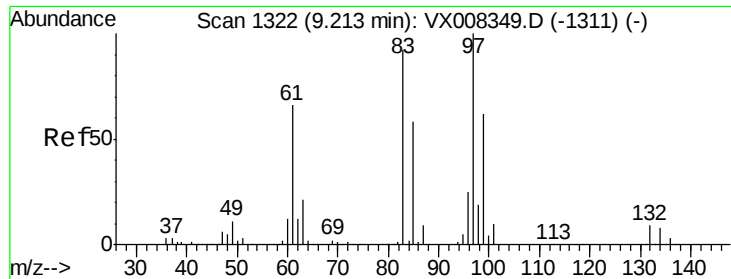
Tot Ion: 75 Resp: 185374
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 49.812 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX008372.D
Acq: 23 Mar 2019 23:59

Tgt Ion: 75 Resp: 205106
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.6
39 53.3 36.6 54.8

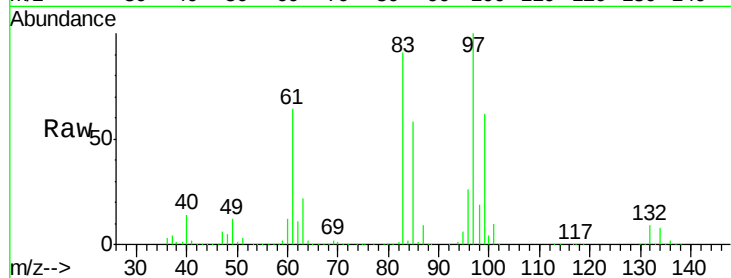




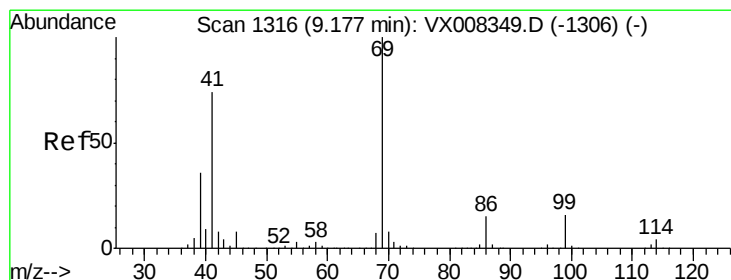
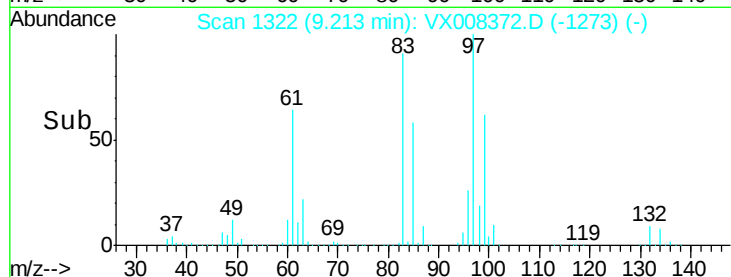
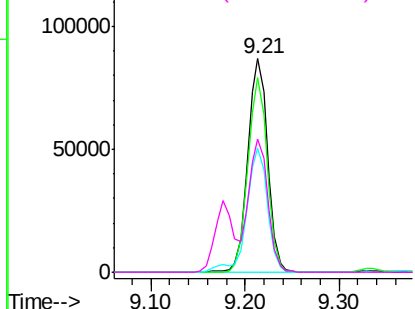
#55
 1,1,2-Trichloroethane
 Concen: 50.076 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008372.D
 Acq: 23 Mar 2019 23:59

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20190314MSD

Tot Ion:	97	Resp:	128563
Ion	Ratio	Lower	Upper
97	100		
83	91.2	69.1	103.7
85	58.3	44.3	66.5
99	62.3	49.8	74.8

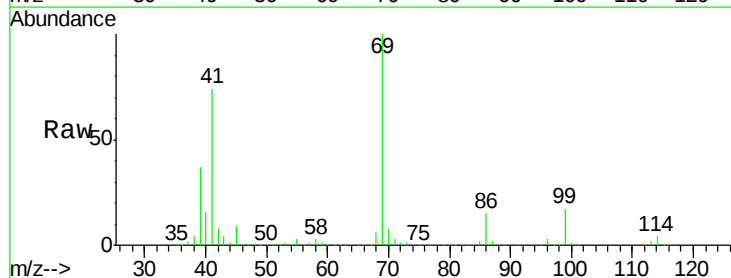


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

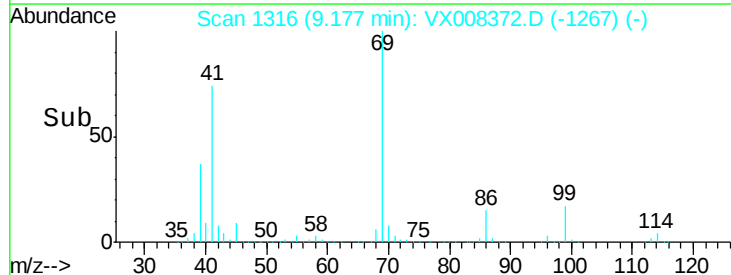
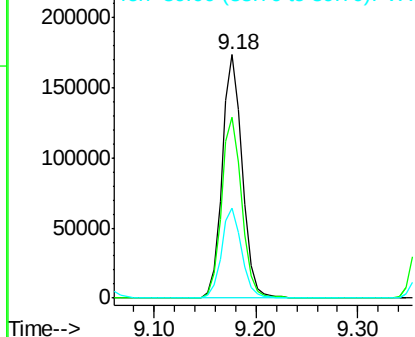


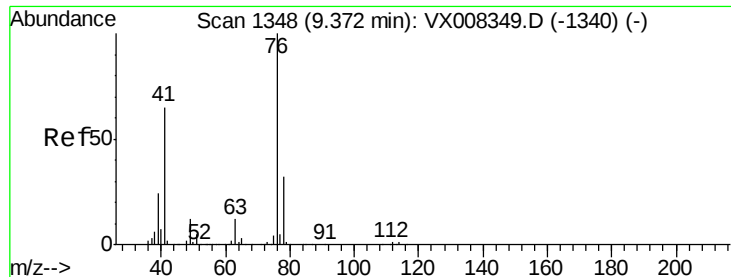
#56
 Ethyl methacrylate
 Concen: 52.259 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008372.D
 Acq: 23 Mar 2019 23:59

Tgt Ion:	69	Resp:	237525
Ion	Ratio	Lower	Upper
69	100		
41	74.8	54.2	81.4
39	37.0	25.0	37.4



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: 49.598 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

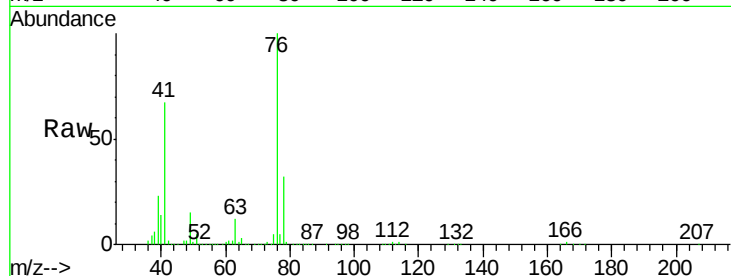
BP-TT-SW4002-20190314MSD

Tot Ion: 76 Resp: 226846

Ion Ratio Lower Upper

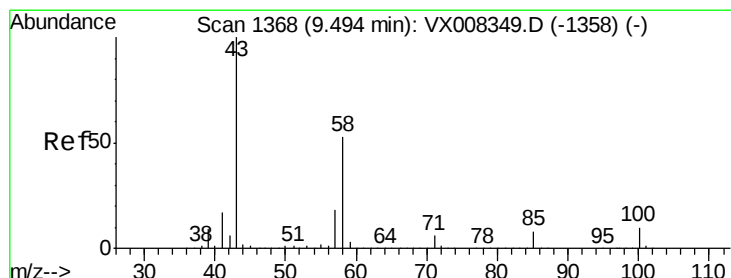
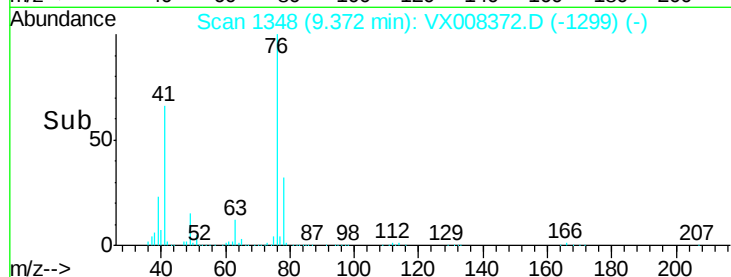
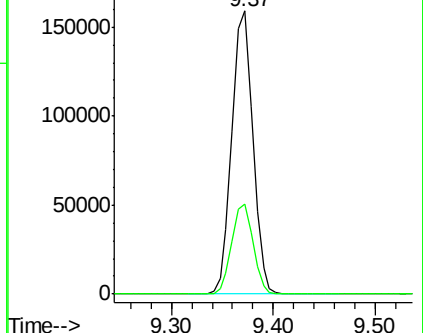
76 100

78 32.4 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 268.157 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX008372.D

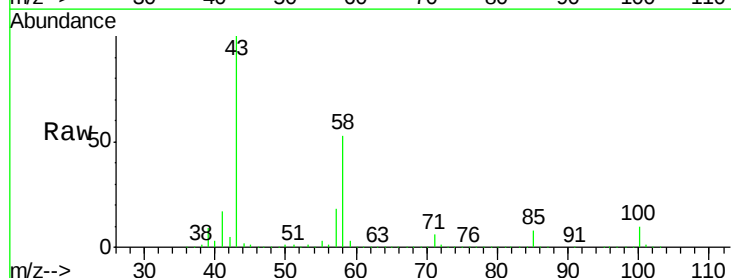
Acq: 23 Mar 2019 23:59

Tgt Ion: 43 Resp: 985192

Ion Ratio Lower Upper

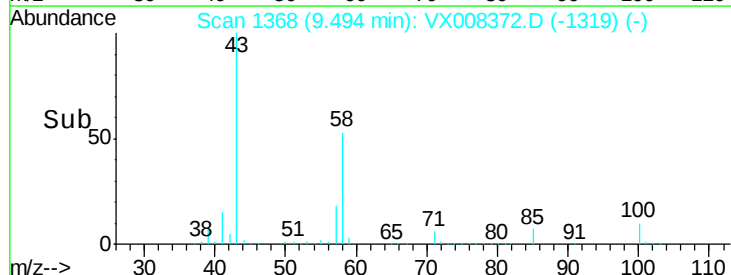
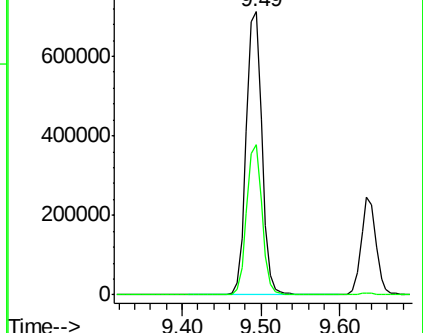
43 100

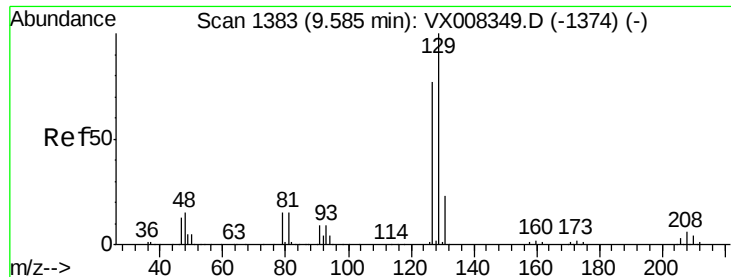
58 52.3 27.6 82.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 51.608 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.01 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

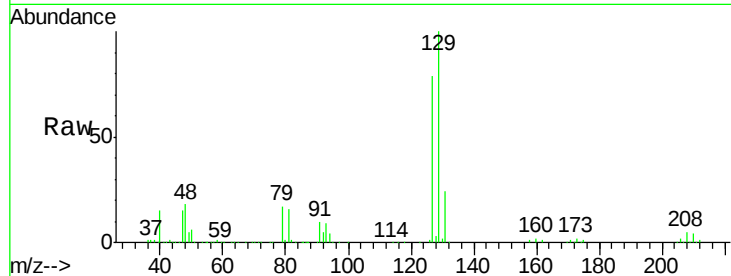
BP-TT-SW4002-20190314MSD

Tot Ion:129 Resp: 122984

Ion Ratio Lower Upper

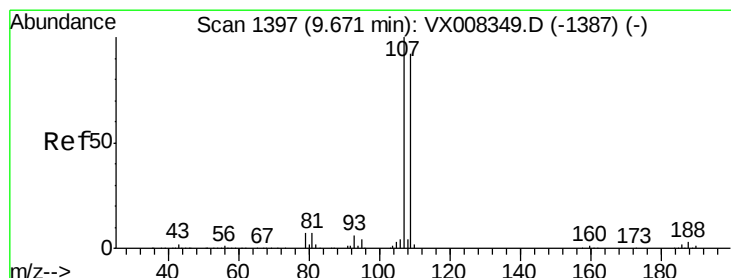
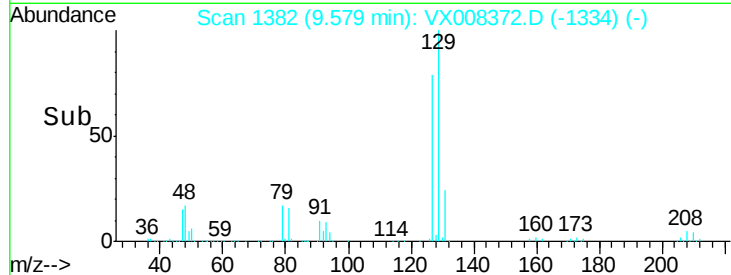
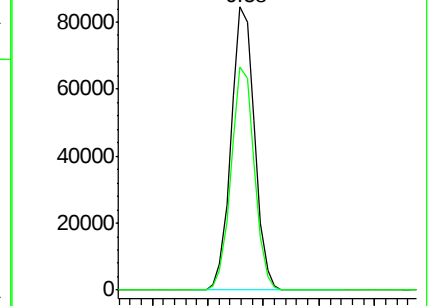
129 100

127 78.0 38.3 114.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 50.415 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008372.D

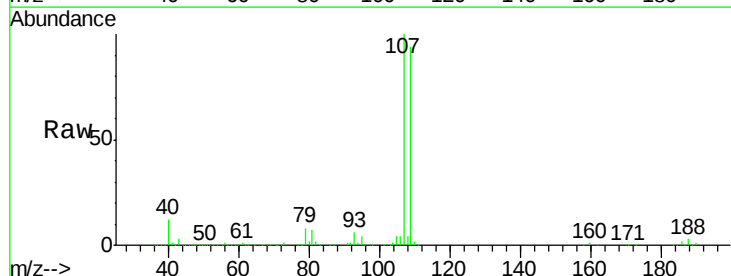
Acq: 23 Mar 2019 23:59

Tgt Ion:107 Resp: 131361

Ion Ratio Lower Upper

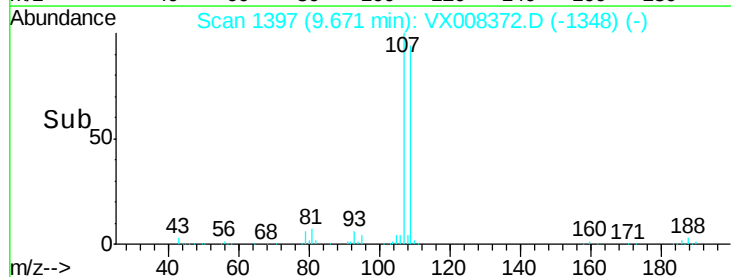
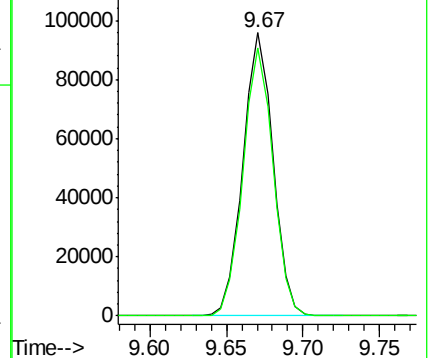
107 100

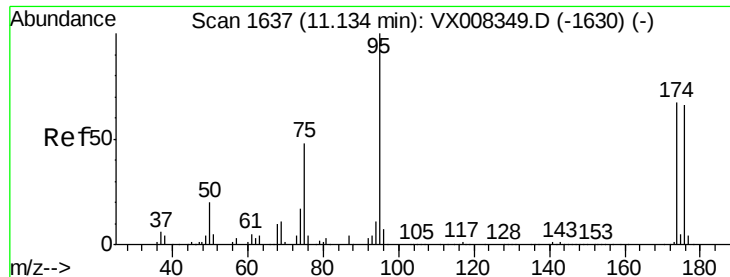
109 94.4 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 49.923 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20190314MSD

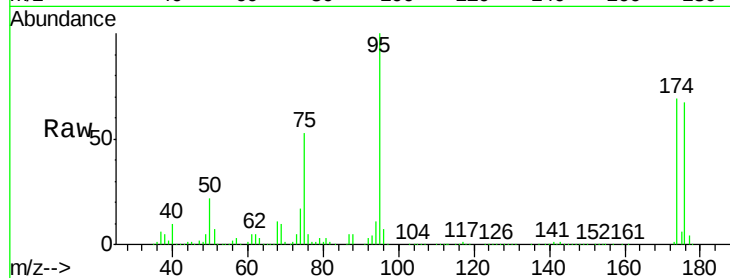
Tot Ion: 95 Resp: 159103

Ion Ratio Lower Upper

95 100

174 72.6 0.0 182.8

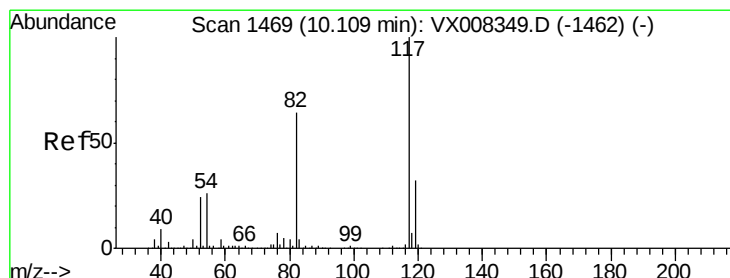
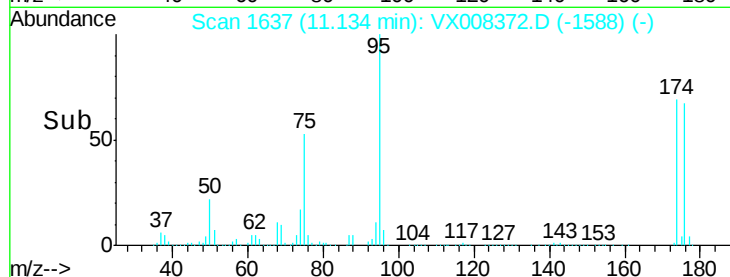
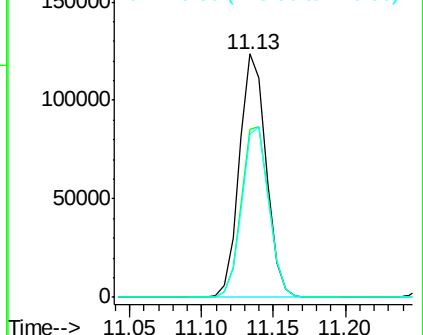
176 70.9 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX008372.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008372.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008372.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

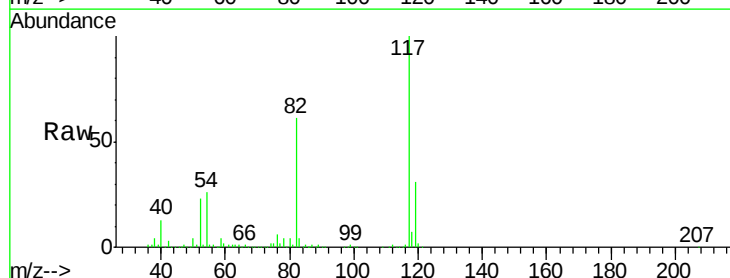
Tgt Ion: 117 Resp: 304934

Ion Ratio Lower Upper

117 100

82 61.3 44.3 66.5

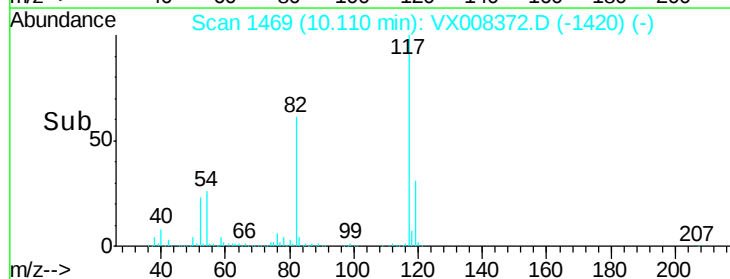
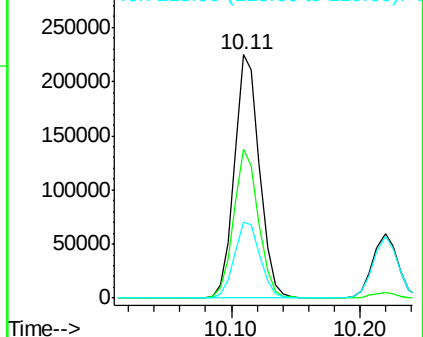
119 31.3 25.3 37.9

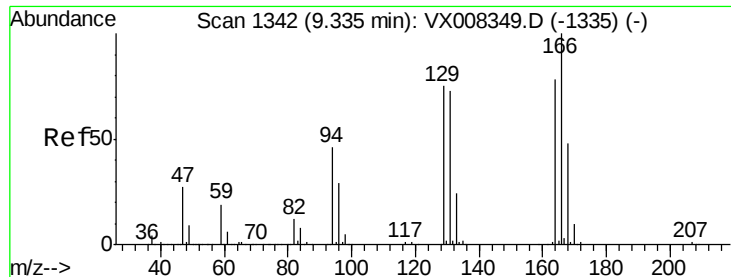


Abundance Ion 116.90 (116.60 to 117.60): VX008372.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008372.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008372.D (-1420) (-)





#64

Tetrachloroethene

Concen: 47.659 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20190314MSD

Tot Ion:164 Resp: 95037

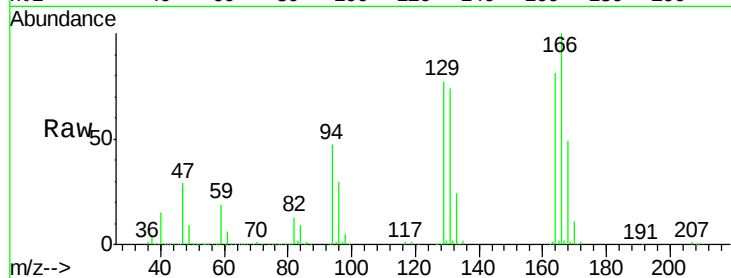
Ion Ratio Lower Upper

164 100

166 124.1 103.4 155.0

129 95.7 72.2 108.4

131 91.4 69.4 104.2

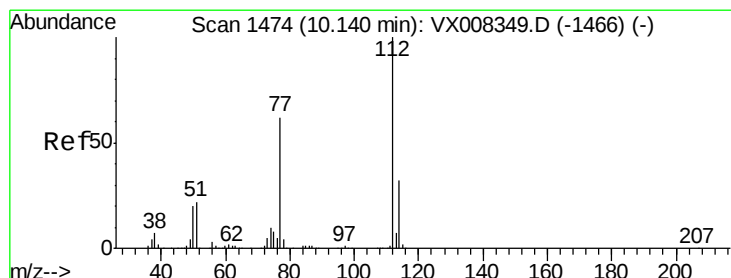
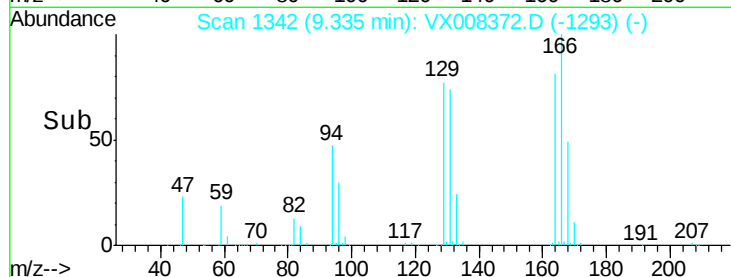
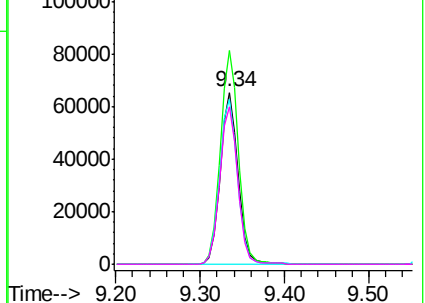


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 49.576 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX008372.D

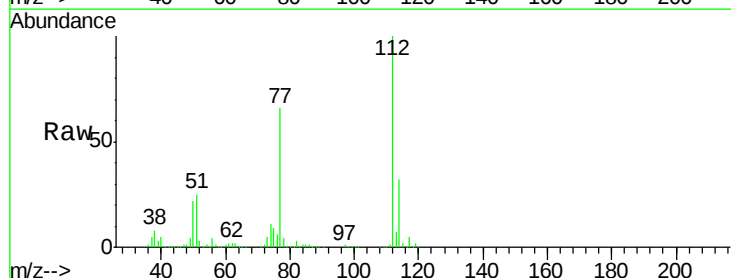
Acq: 23 Mar 2019 23:59

Tgt Ion:112 Resp: 317044

Ion Ratio Lower Upper

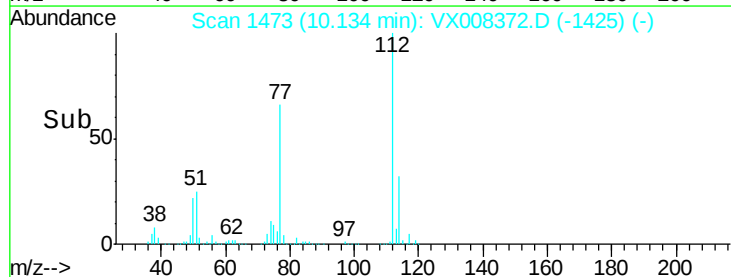
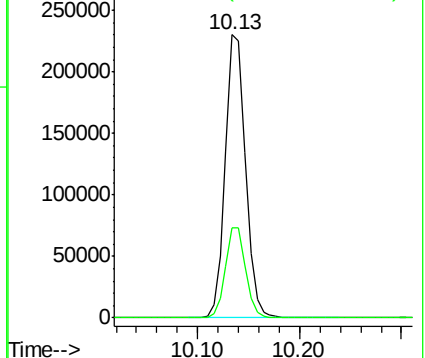
112 100

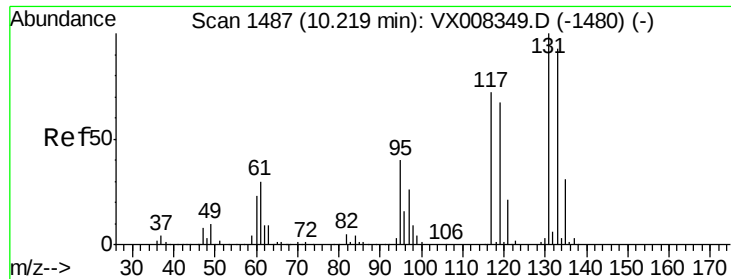
114 31.7 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

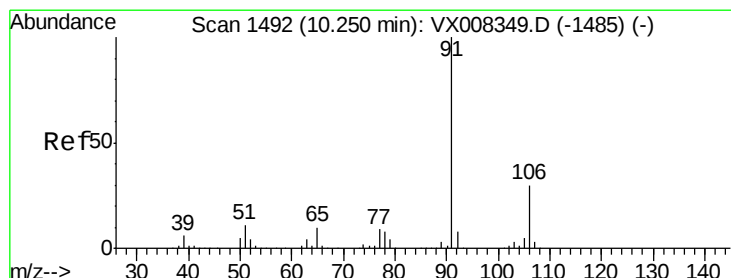
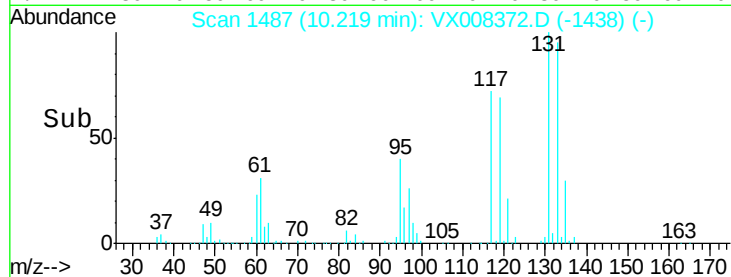
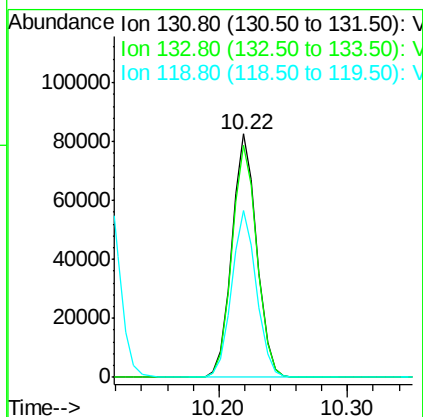
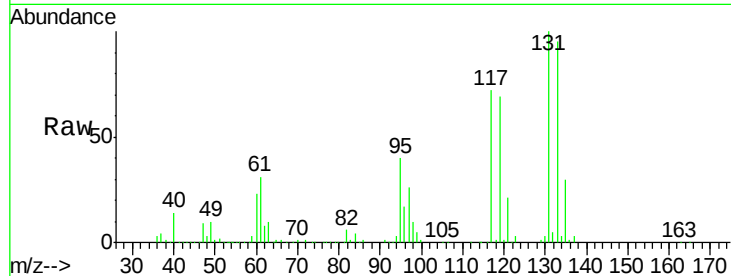




#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.046 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX008372.D
 Acq: 23 Mar 2019 23:59

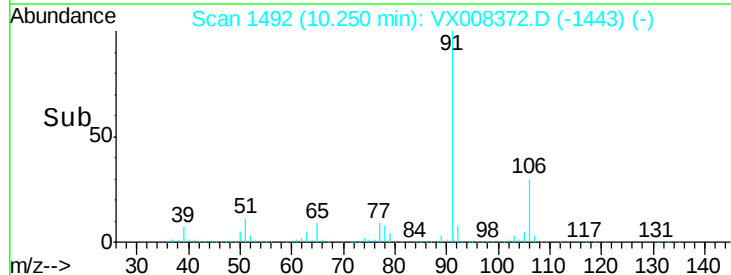
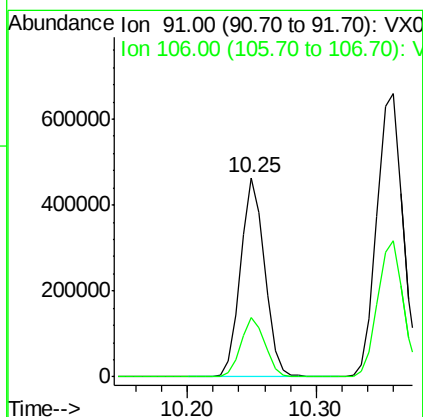
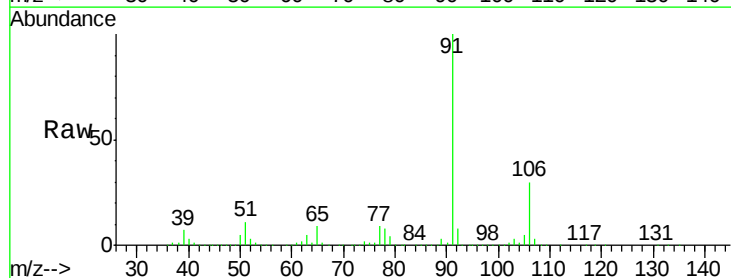
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20190314MSD

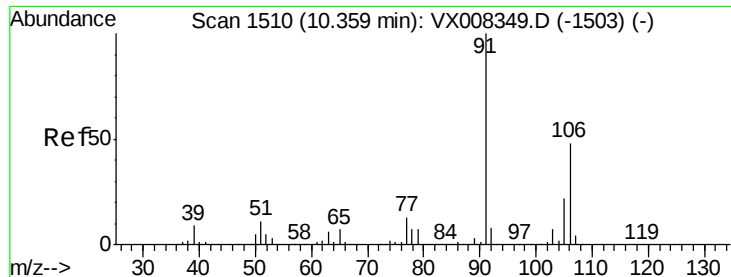
Tot Ion:131 Resp: 110990
 Ion Ratio Lower Upper
 131 100
 133 96.1 47.8 143.3
 119 68.5 32.5 97.5



#67
 Ethyl Benzene
 Concen: 50.186 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX008372.D
 Acq: 23 Mar 2019 23:59

Tgt Ion: 91 Resp: 600963
 Ion Ratio Lower Upper
 91 100
 106 29.7 25.2 37.8

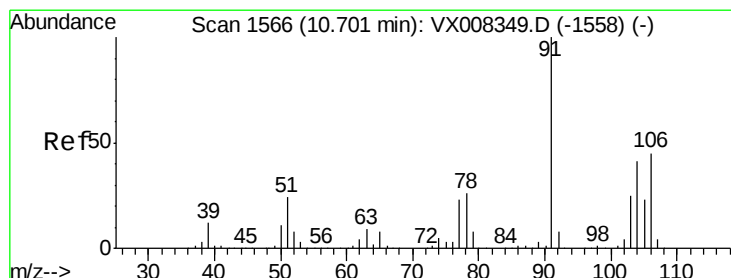
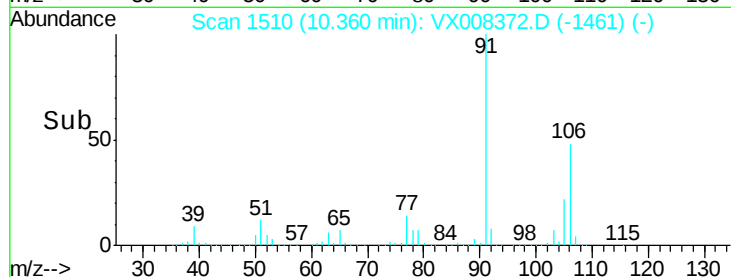
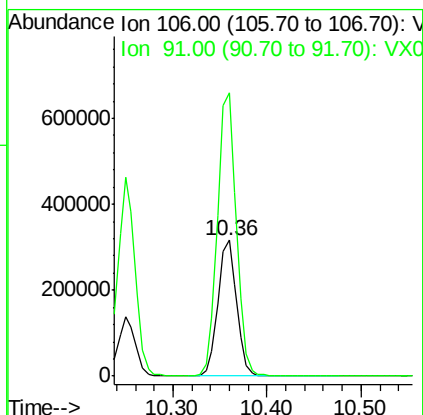
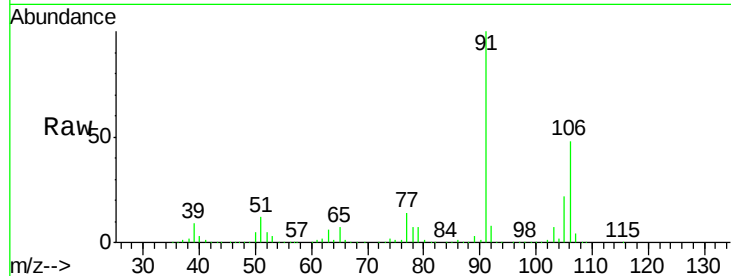




#68
m/p-Xvlenes
Concen: 101.115 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008372.D
Acq: 23 Mar 2019 23:59

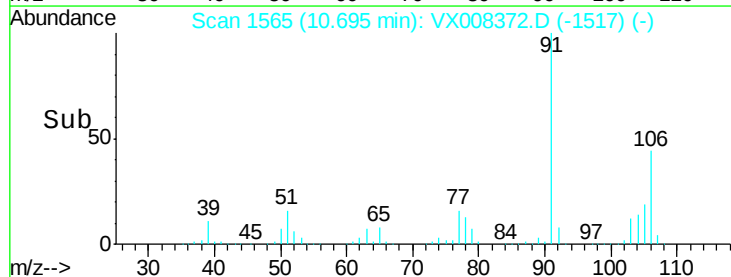
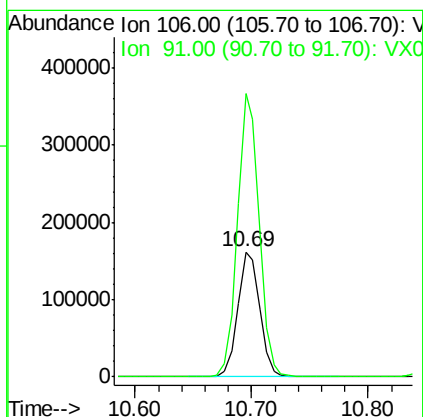
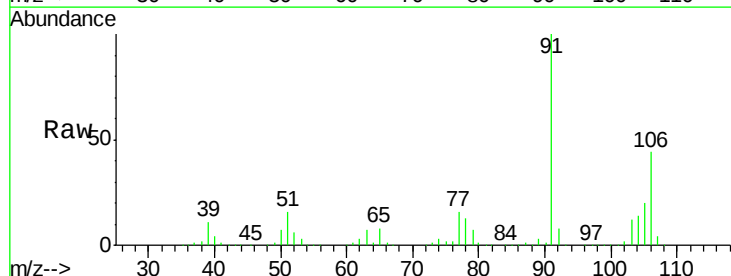
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20190314MSD

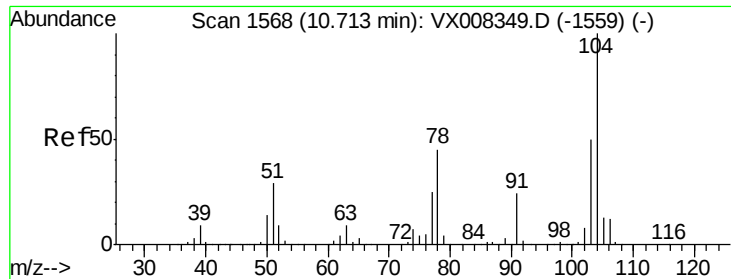
Tot Ion:106 Resp: 435050
Ion Ratio Lower Upper
106 100
91 211.4 159.8 239.6



#69
o-Xylene
Concen: 50.451 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008372.D
Acq: 23 Mar 2019 23:59

Tgt Ion:106 Resp: 212256
Ion Ratio Lower Upper
106 100
91 223.8 106.3 318.9





#70

Stvrene

Concen: 51.184 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20190314MSD

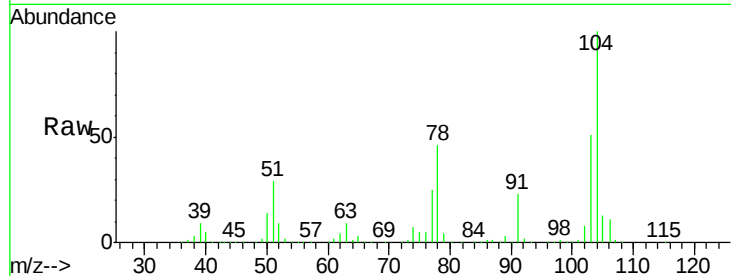
Tot Ion:104 Resp: 373448

Ion Ratio Lower Upper

104 100

78 53.1 38.5 57.7

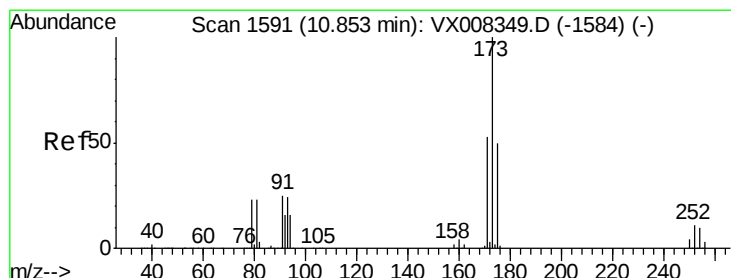
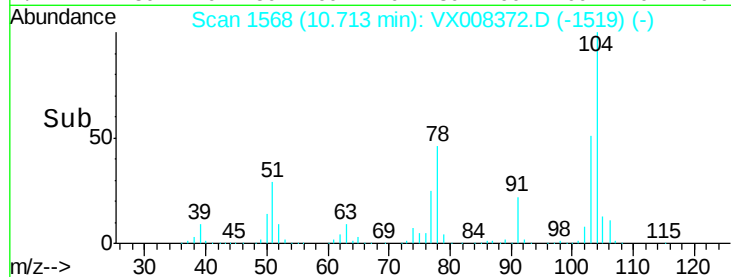
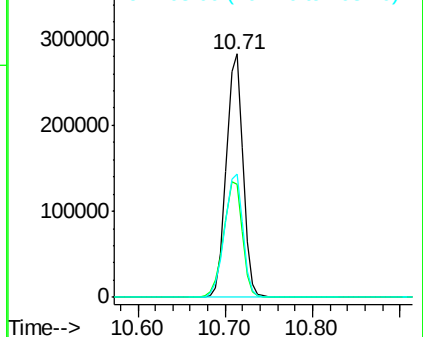
103 55.5 44.1 66.1



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: 52.421 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

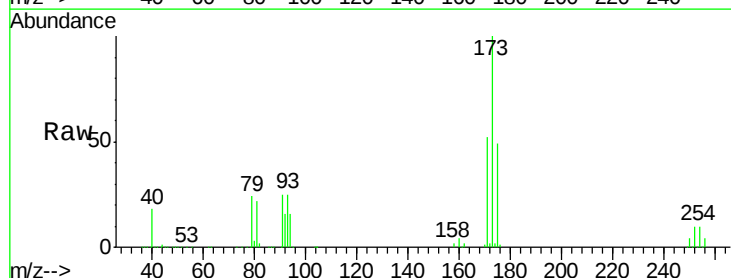
Tgt Ion:173 Resp: 89557

Ion Ratio Lower Upper

173 100

175 48.3 24.3 72.9

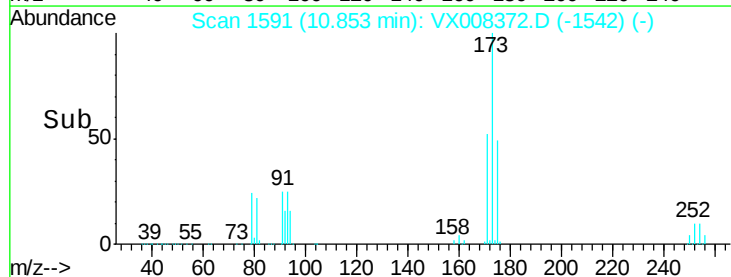
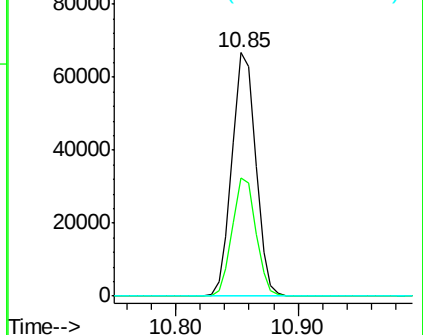
254 0.1 0.1 0.1#

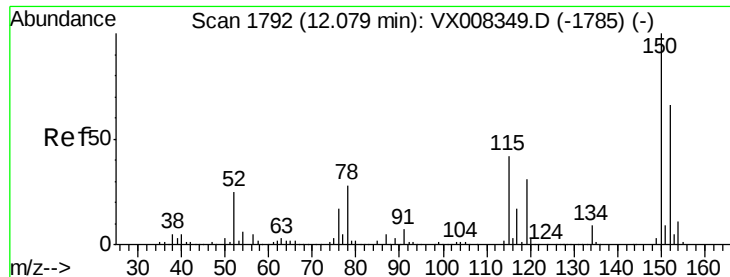


Abundance Ion 172.70 (172.40 to 173.40): V

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: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20190314MSD

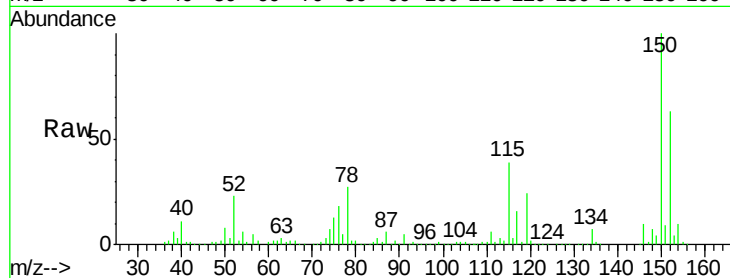
Tot Ion:152 Resp: 145598

Ion Ratio Lower Upper

152 100

115 86.9 38.6 115.7

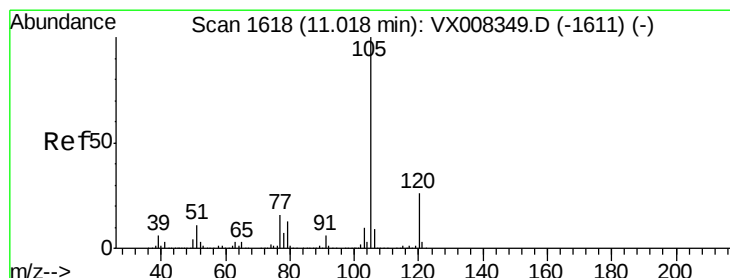
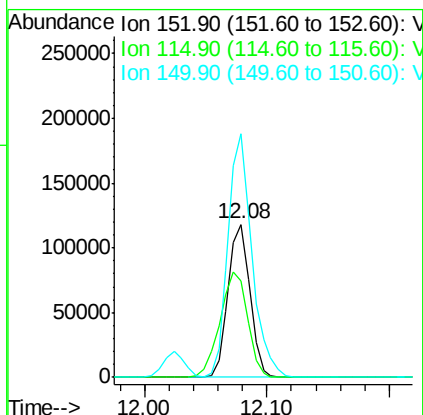
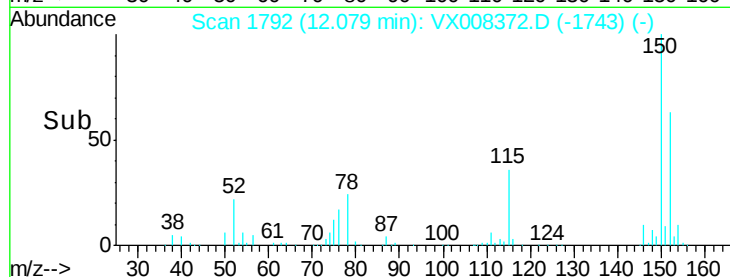
150 174.1 0.0 348.4



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: 48.890 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008372.D

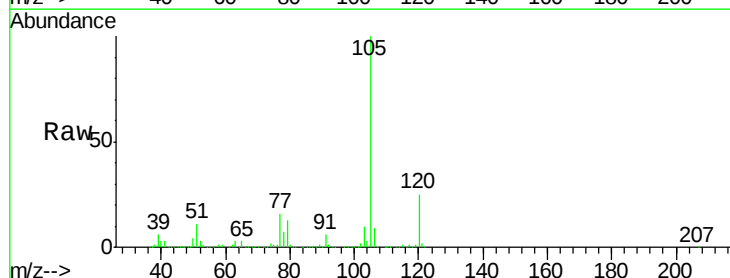
Acq: 23 Mar 2019 23:59

Tgt Ion:105 Resp: 561756

Ion Ratio Lower Upper

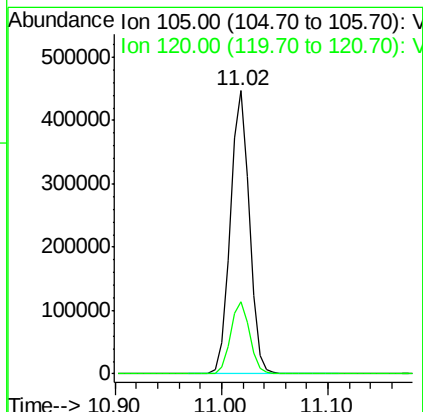
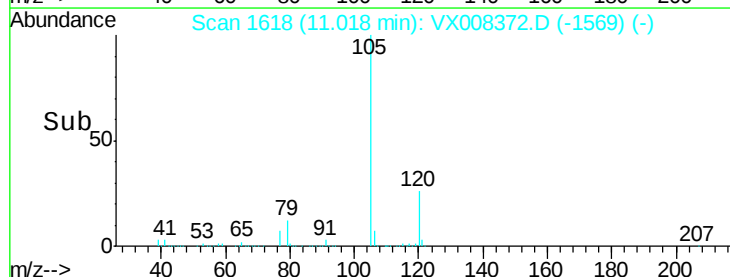
105 100

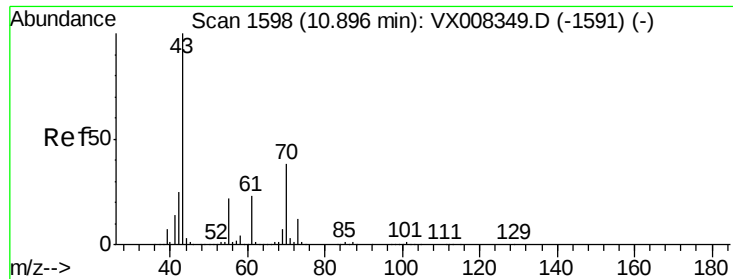
120 25.5 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 48.699 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20190314MSD

Tot Ion: 43 Resp: 327613

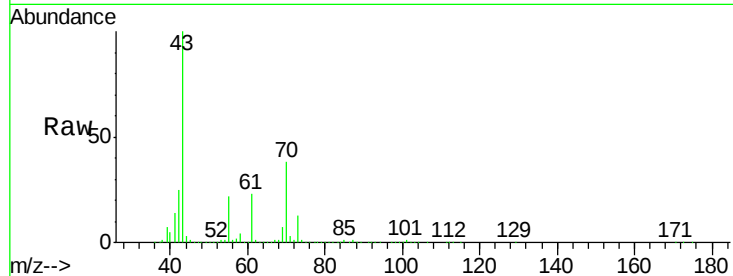
Ion Ratio Lower Upper

43 100

70 38.1 33.5 50.3

55 22.5 19.2 28.8

61 23.2 19.0 28.6

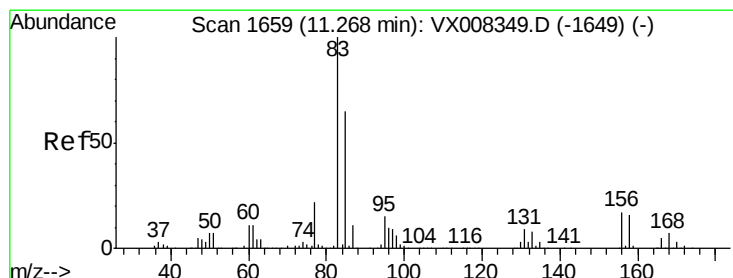
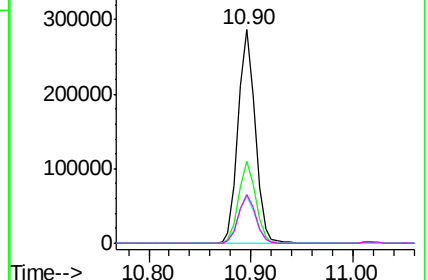
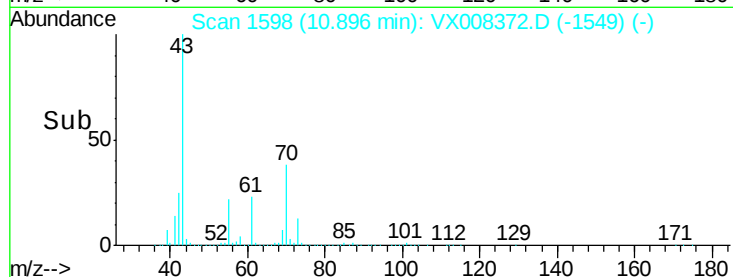


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 49.057 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

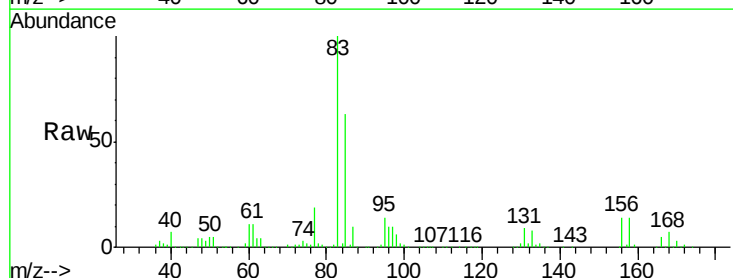
Tgt Ion: 83 Resp: 224526

Ion Ratio Lower Upper

83 100

131 8.8 5.4 16.2

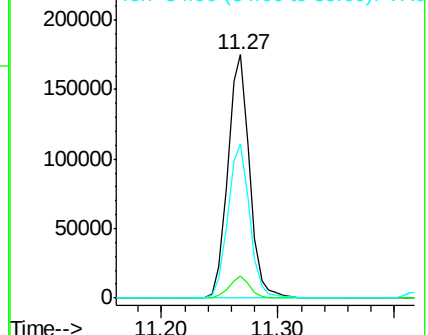
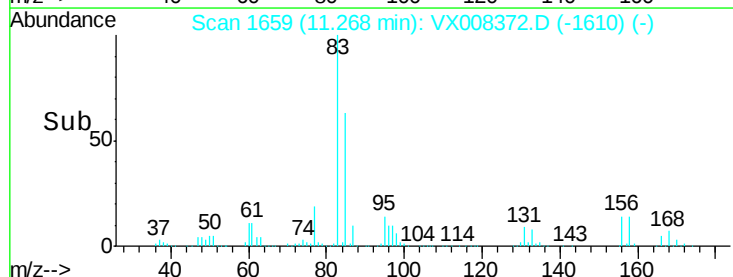
85 64.1 32.3 96.8

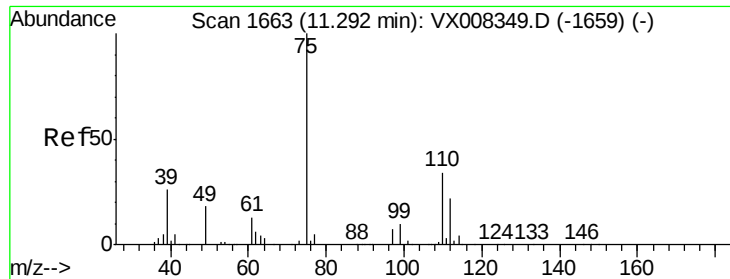


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 65.299 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

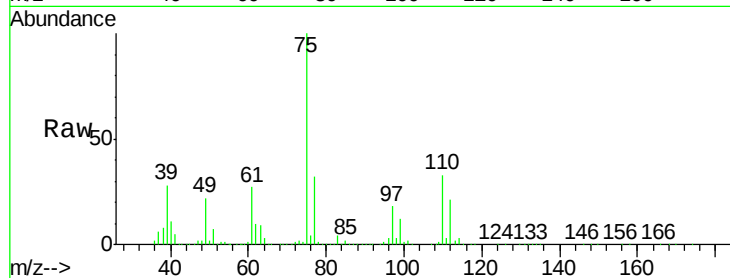
BP-TT-SW4002-20190314MSD

Tot Ion: 75 Resp: 248857

Ion Ratio Lower Upper

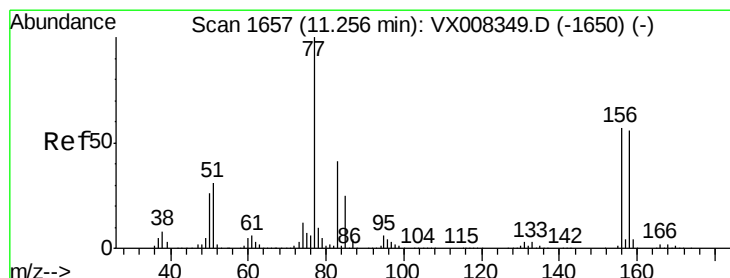
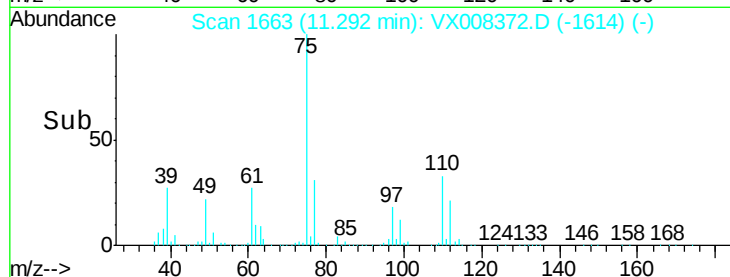
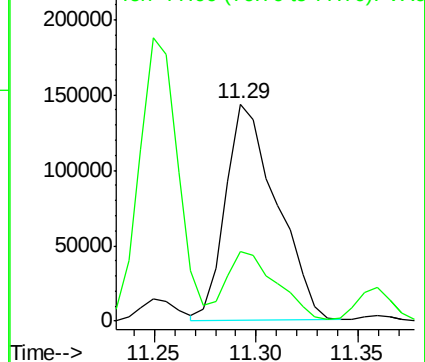
75 100

77 32.3 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 49.052 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

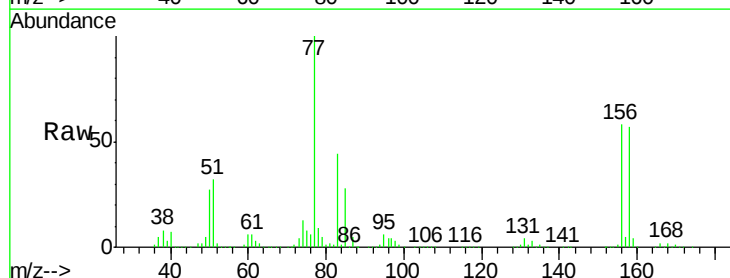
Tgt Ion: 156 Resp: 133362

Ion Ratio Lower Upper

156 100

77 183.8 72.0 215.9

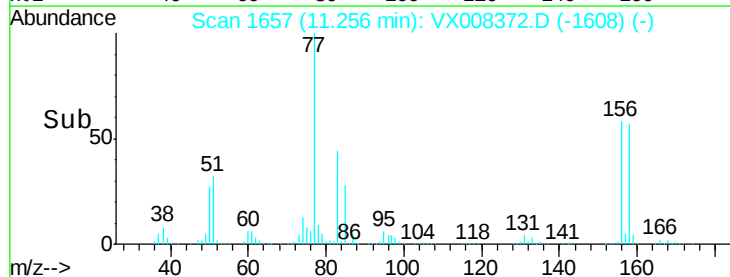
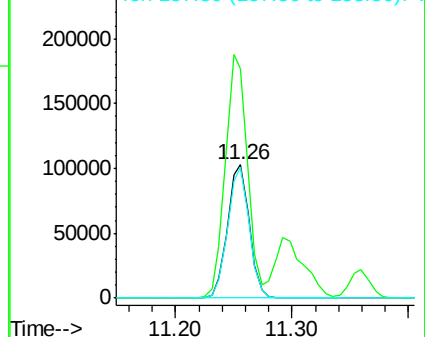
158 96.7 48.6 145.9

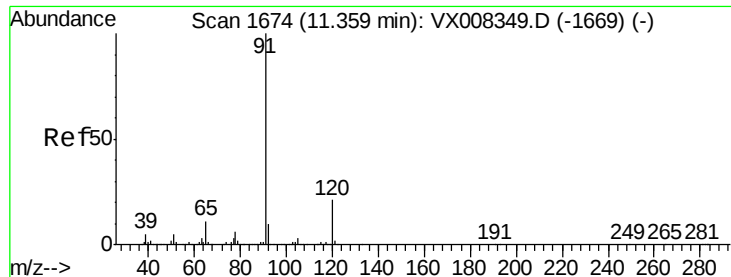


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 49.311 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

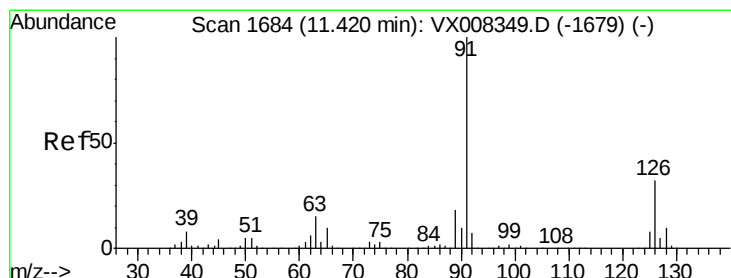
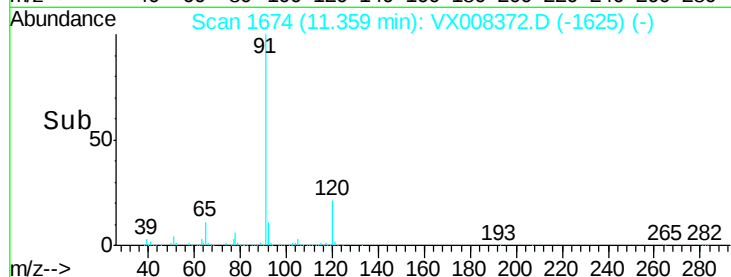
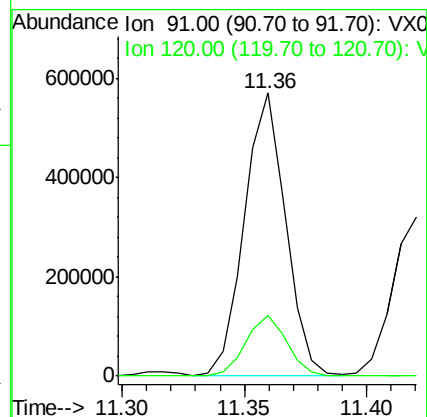
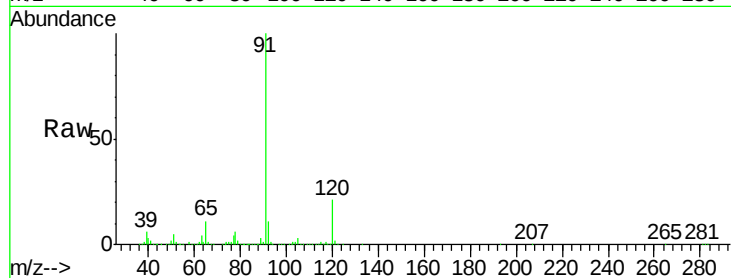
BP-TT-SW4002-20190314MSD

Tot Ion: 91 Resp: 664075

Ion Ratio Lower Upper

91 100

120 21.6 12.0 36.0



#79

2-Chlorotoluene

Concen: 48.693 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008372.D

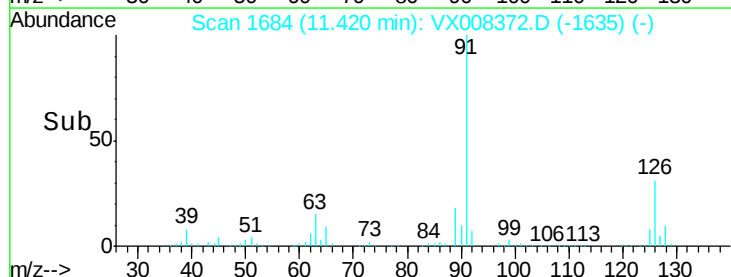
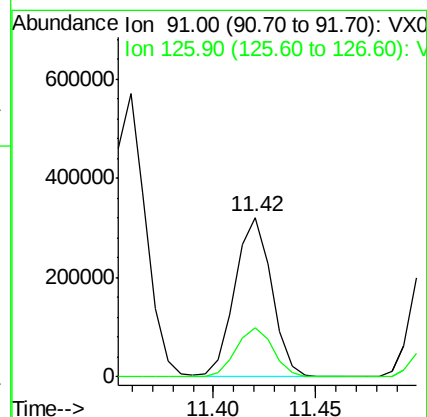
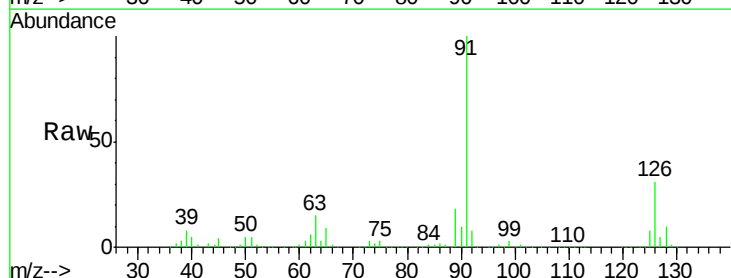
Acq: 23 Mar 2019 23:59

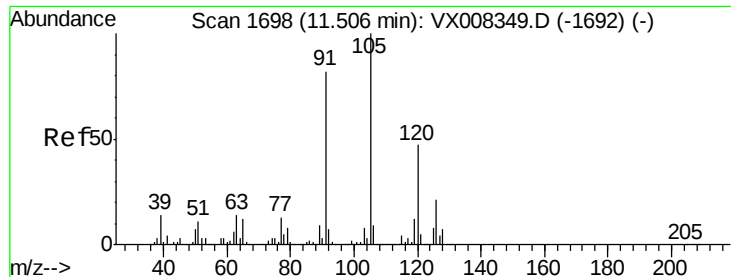
Tgt Ion: 91 Resp: 399448

Ion Ratio Lower Upper

91 100

126 31.1 17.5 52.6





#80

1,3,5-Trimethylbenzene

Concen: 49.186 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

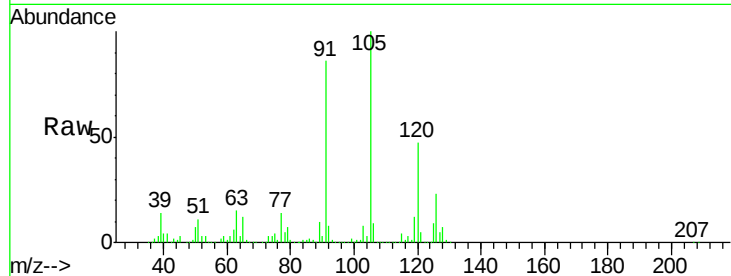
BP-TT-SW4002-20190314MSD

Tot Ion:105 Resp: 480774

Ion Ratio Lower Upper

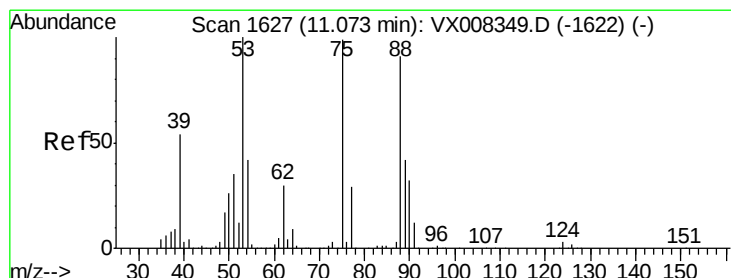
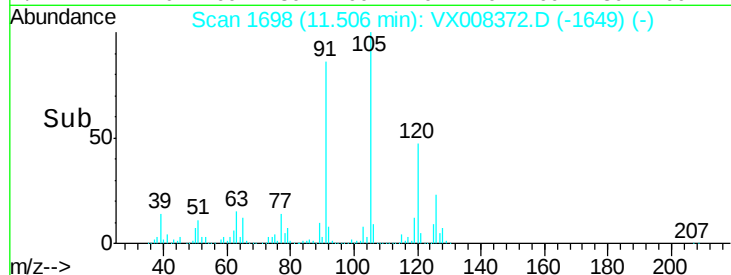
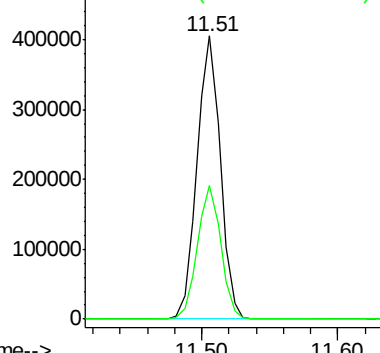
105 100

120 47.1 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 48.846 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

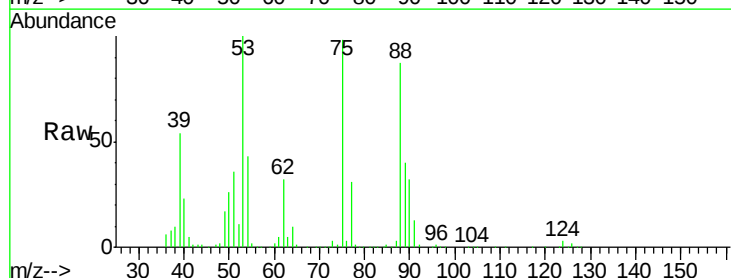
Tgt Ion: 75 Resp: 65323

Ion Ratio Lower Upper

75 100

53 106.5 76.1 114.1

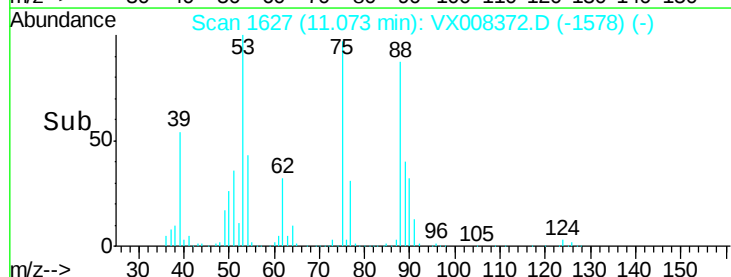
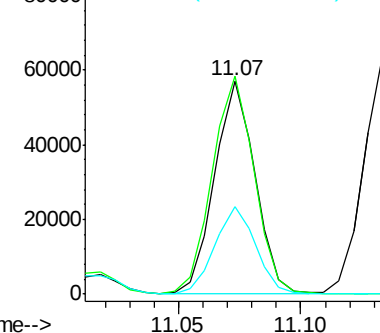
89 42.3 36.3 54.5

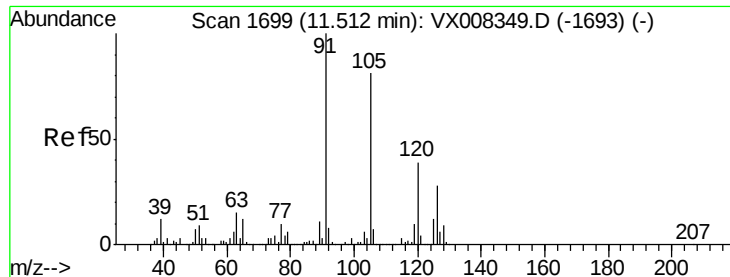


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 48.776 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

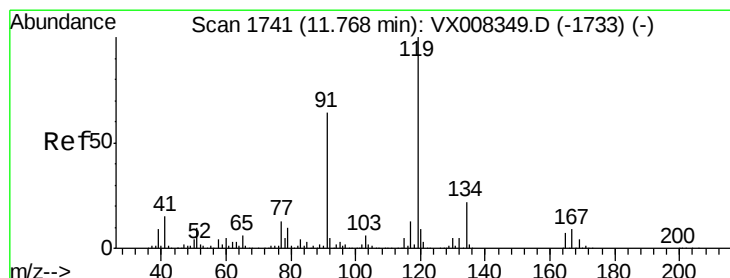
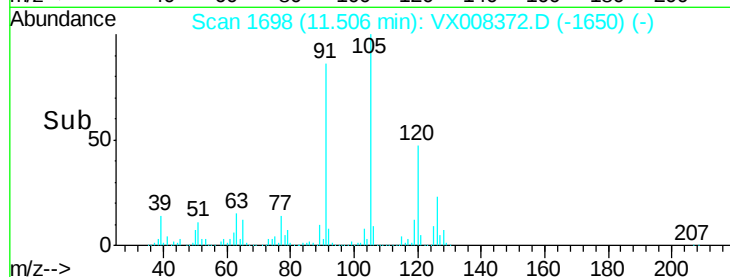
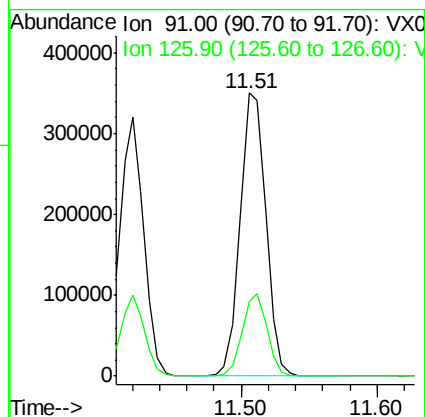
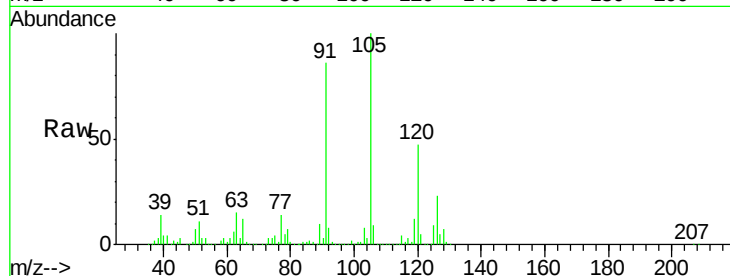
BP-TT-SW4002-20190314MSD

Tot Ion: 91 Resp: 461052

Ion Ratio Lower Upper

91 100

126 28.1 15.6 46.8



#83

tert-Butylbenzene

Concen: 49.167 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

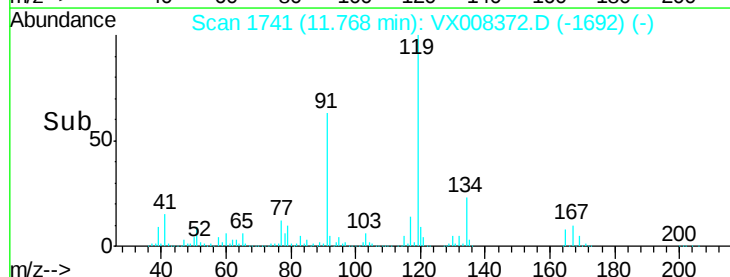
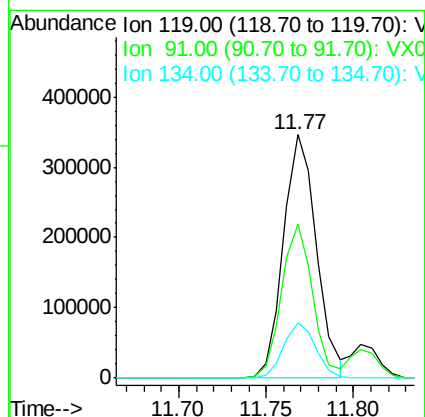
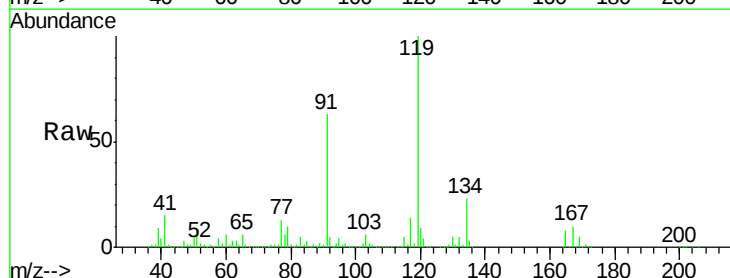
Tgt Ion: 119 Resp: 457644

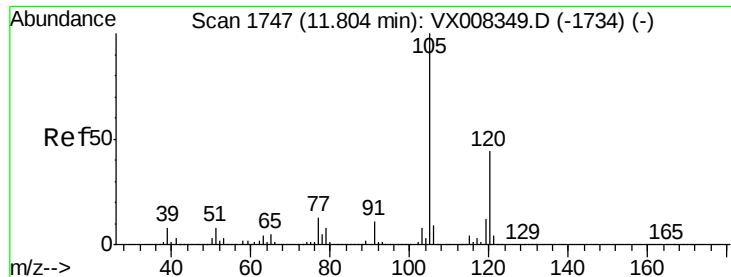
Ion Ratio Lower Upper

119 100

91 59.6 27.1 81.3

134 22.1 11.4 34.1

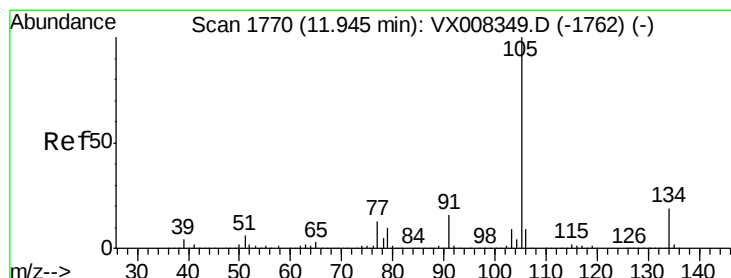
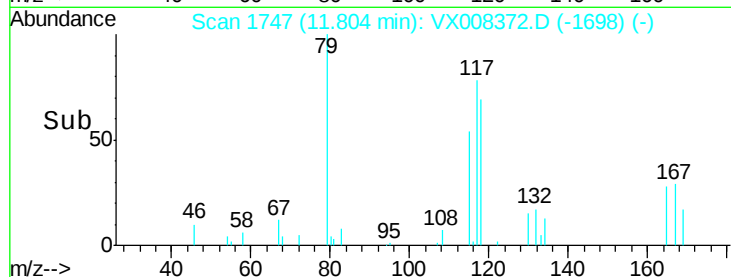
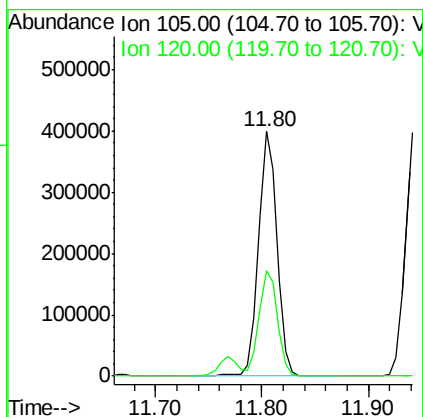
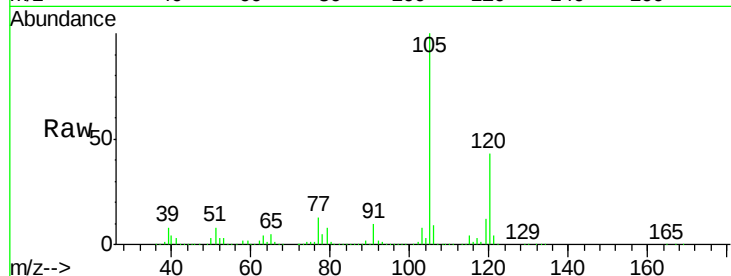




#84
 1,2,4-Trimethylbenzene
 Concen: 49.794 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008372.D
 Acq: 23 Mar 2019 23:59

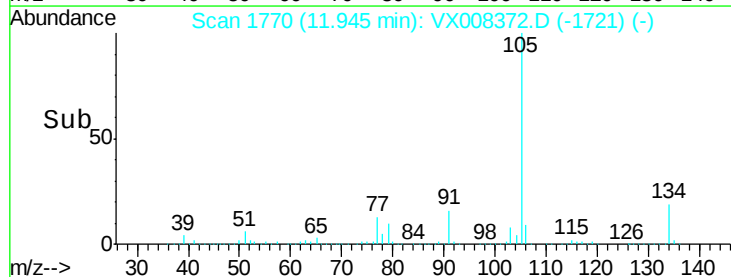
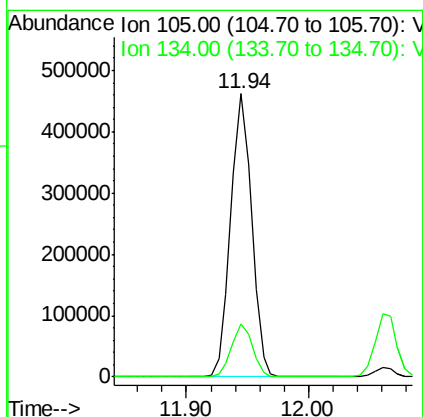
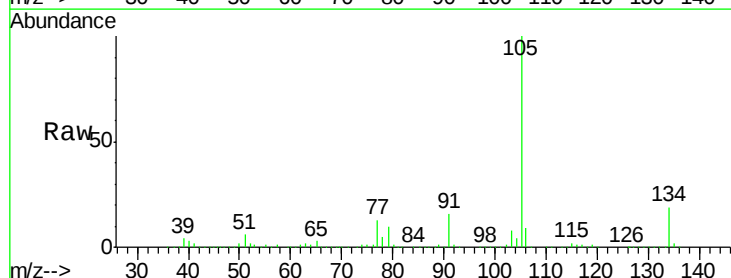
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20190314MSD

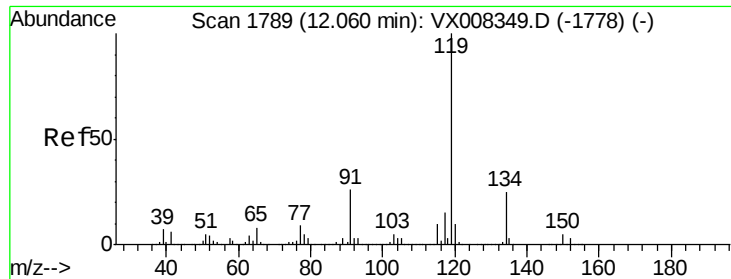
Tot Ion:105 Resp: 485711
 Ion Ratio Lower Upper
 105 100
 120 43.0 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 48.891 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX008372.D
 Acq: 23 Mar 2019 23:59

Tgt Ion:105 Resp: 545411
 Ion Ratio Lower Upper
 105 100
 134 18.8 10.4 31.2

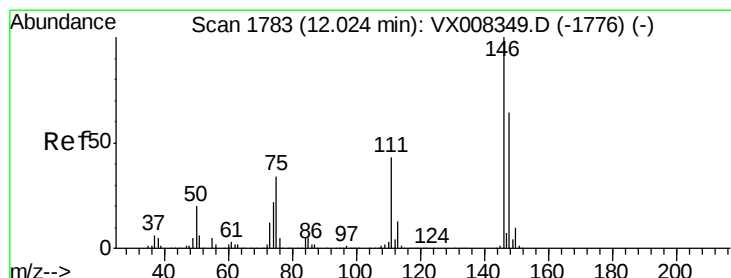
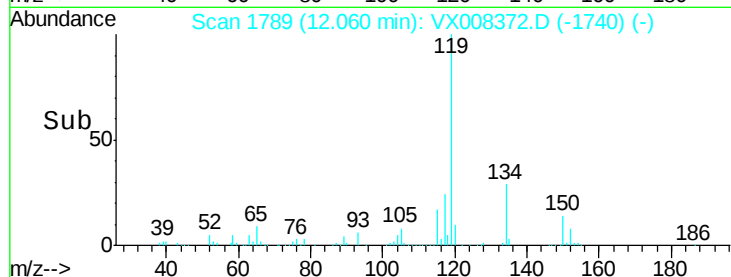
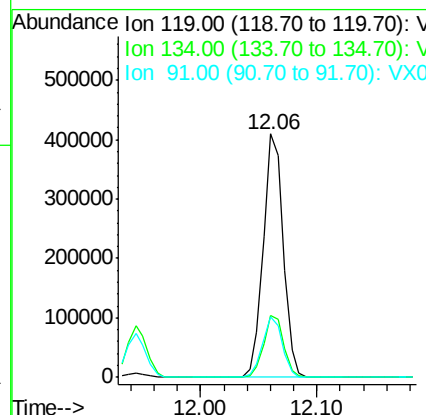
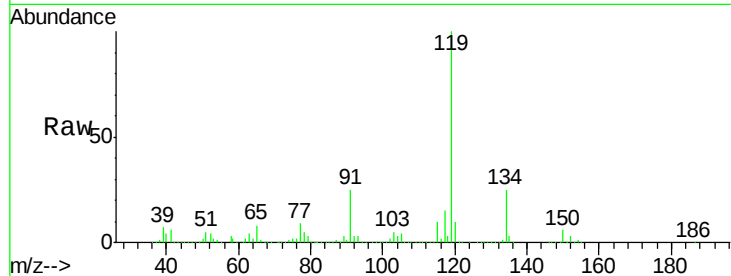




#86
 p-Isopropyltoluene
 Concen: 50.229 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX008372.D
 Acq: 23 Mar 2019 23:59

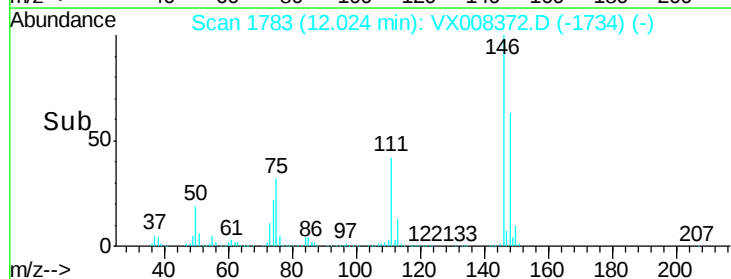
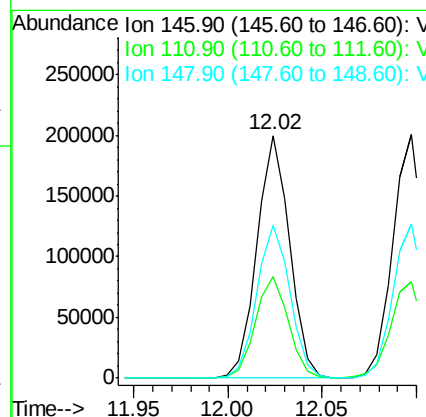
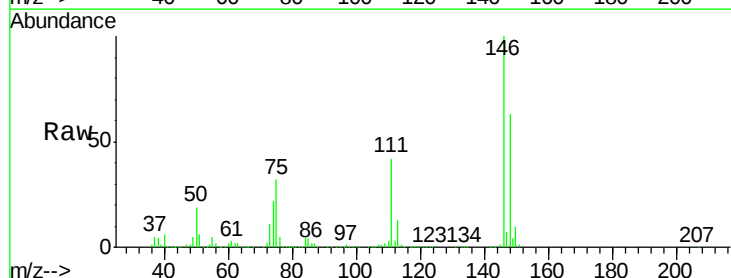
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20190314MSD

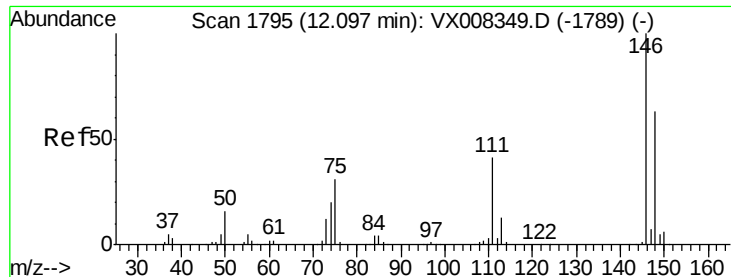
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.4	13.3	39.9
91	24.4	10.9	32.7



#87
 1,3-Dichlorobenzene
 Concen: 49.077 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008372.D
 Acq: 23 Mar 2019 23:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	18.9	56.7
148	63.8	31.7	95.1





#88

1,4-Dichlorobenzene

Concen: 48.442 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20190314MSD

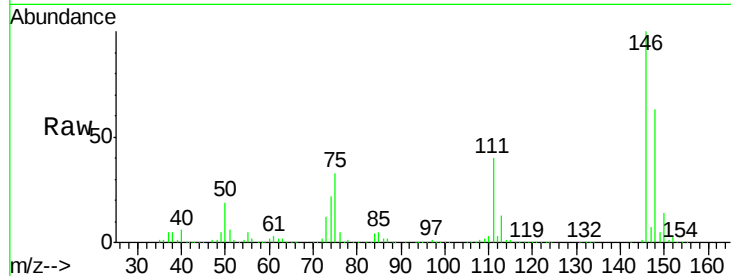
Tot Ion:146 Resp: 240683

Ion Ratio Lower Upper

146 100

111 40.9 18.4 55.0

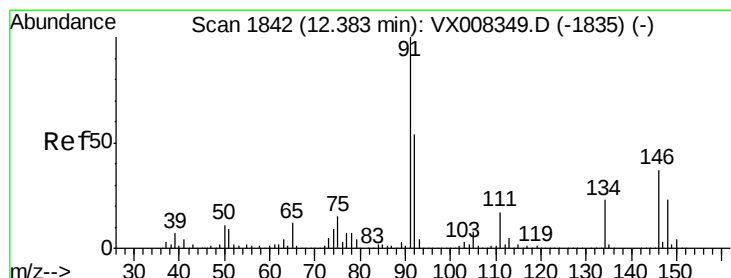
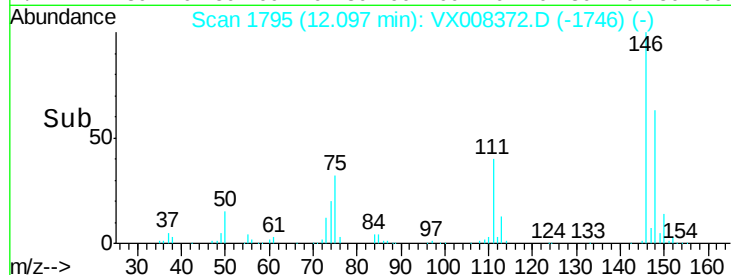
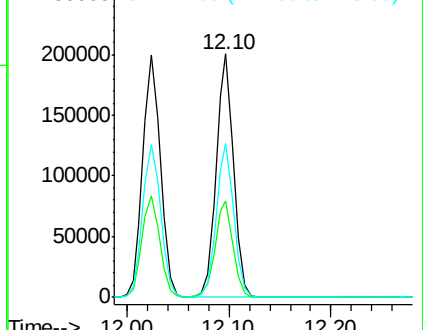
148 63.9 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 49.617 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

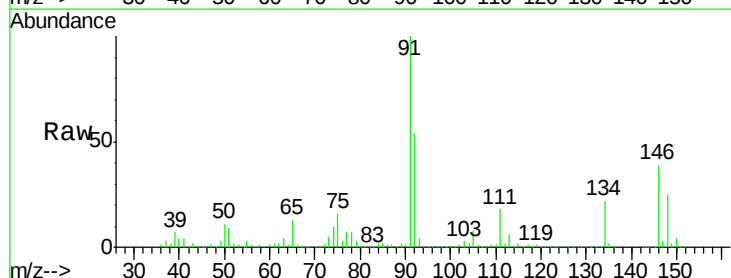
Tgt Ion: 91 Resp: 465753

Ion Ratio Lower Upper

91 100

92 52.9 27.0 80.8

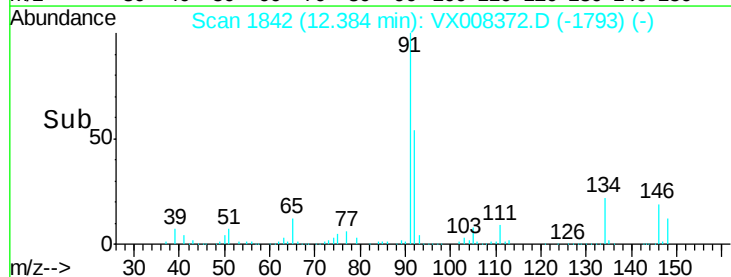
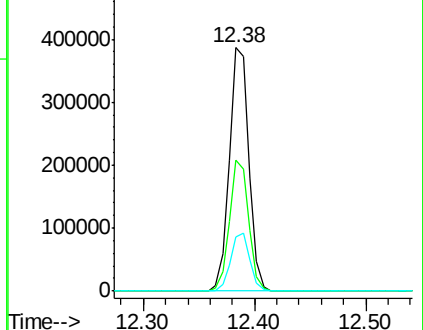
134 23.4 13.7 41.0

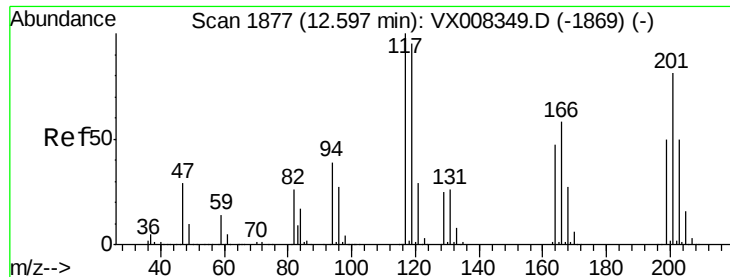


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

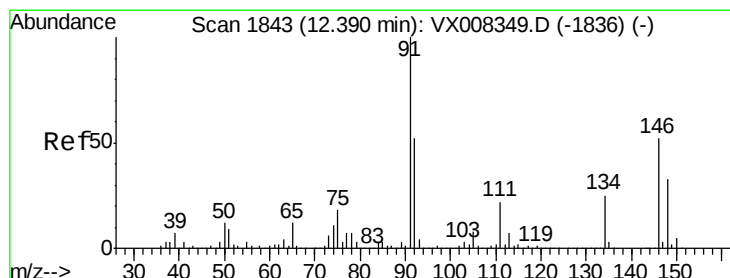
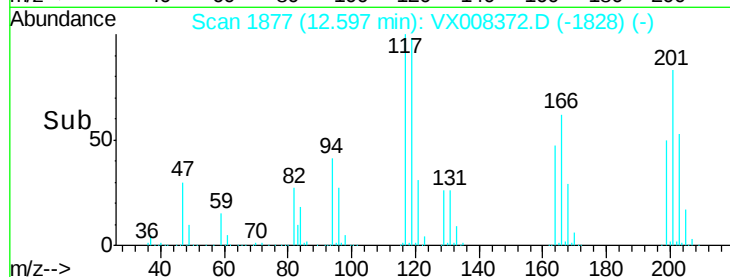
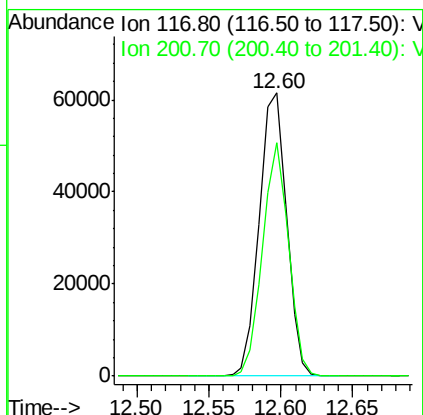
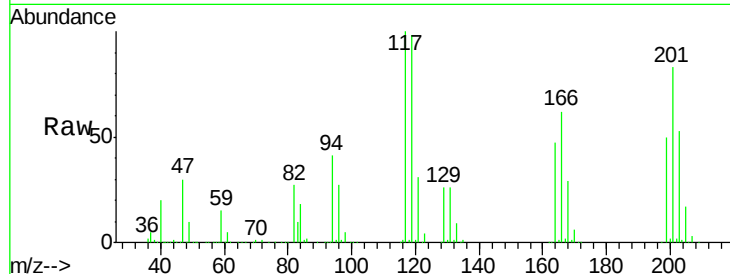




#90
Hexachloroethane
Concen: 49.528 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008372.D
Acq: 23 Mar 2019 23:59

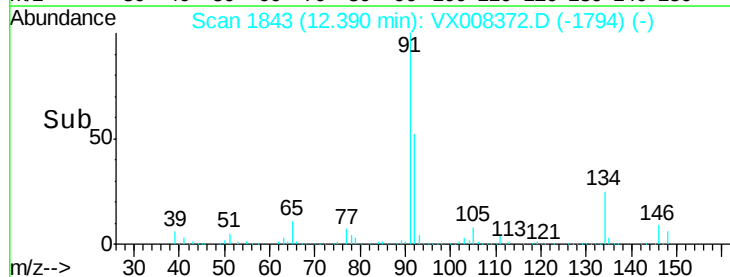
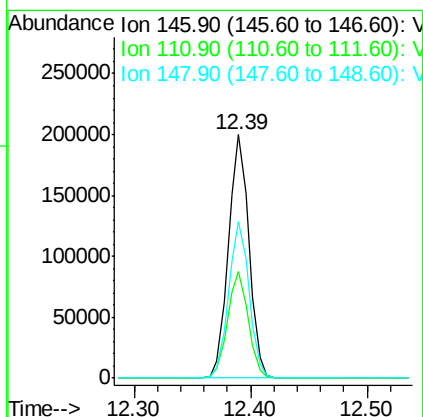
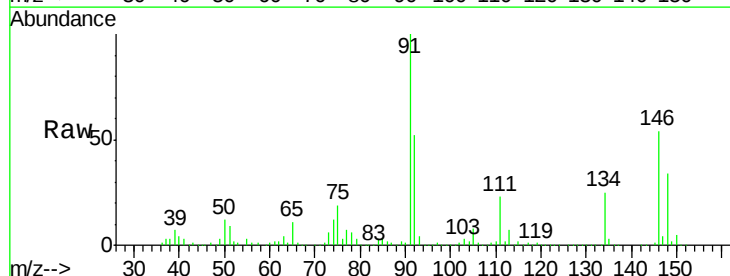
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20190314MSD

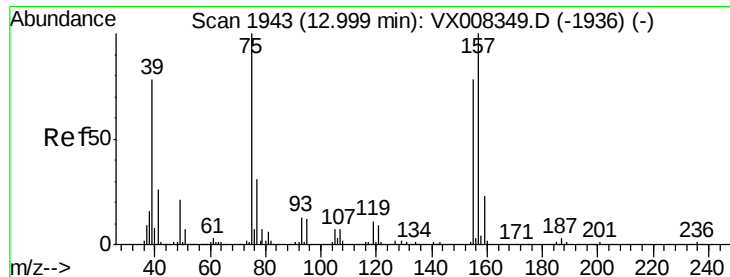
Tot Ion:117 Resp: 80443
Ion Ratio Lower Upper
117 100
201 78.2 48.9 146.7



#91
1,2-Dichlorobenzene
Concen: 49.474 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX008372.D
Acq: 23 Mar 2019 23:59

Tgt Ion:146 Resp: 244669
Ion Ratio Lower Upper
146 100
111 43.7 19.6 58.8
148 64.0 31.9 95.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 52.120 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20190314MSD

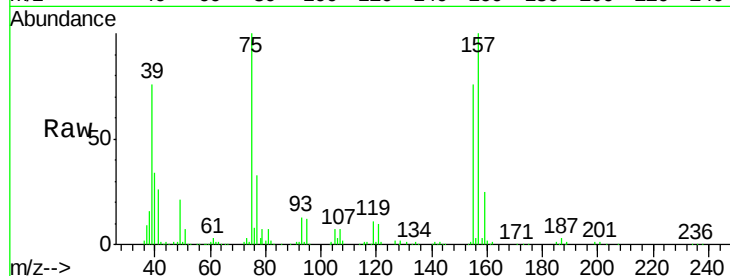
Tot Ion: 75 Resp: 50842

Ion Ratio Lower Upper

75 100

155 76.9 49.7 149.1

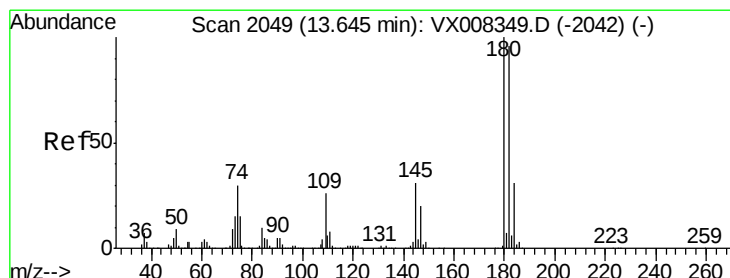
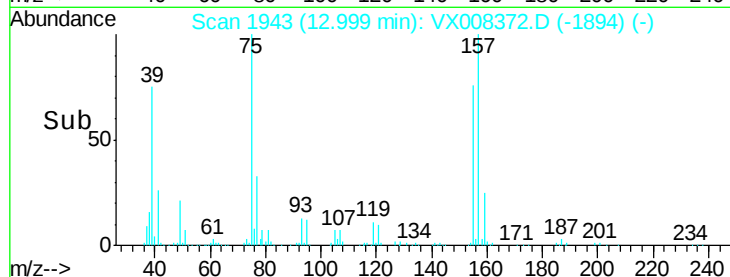
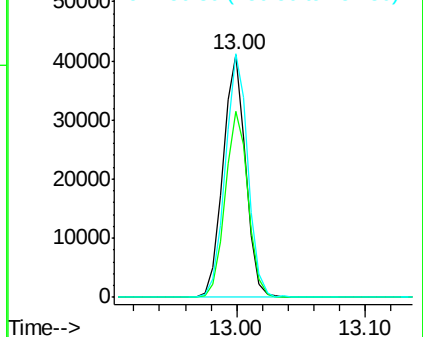
157 99.7 63.8 191.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 49.288 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

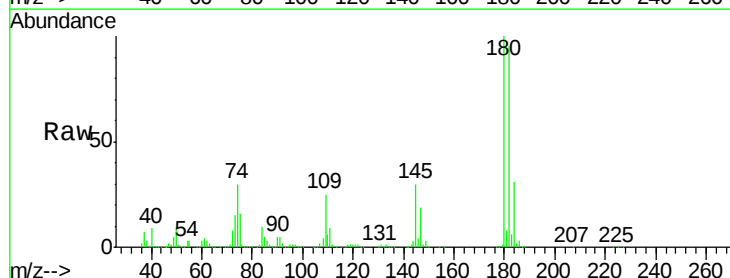
Tgt Ion:180 Resp: 164369

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.7

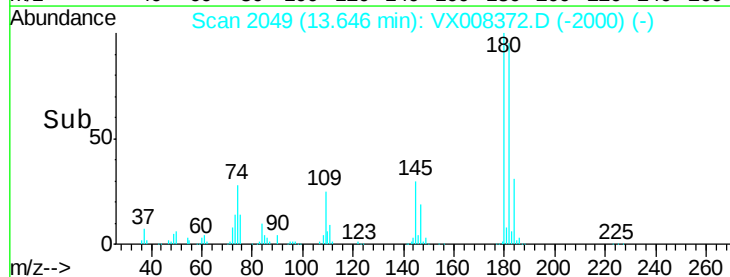
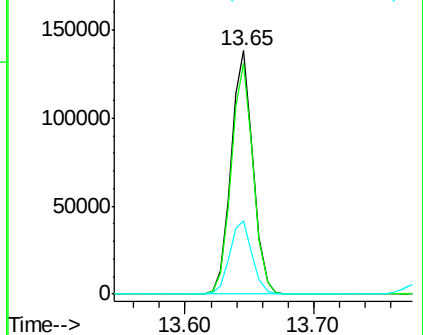
145 30.9 14.1 42.4

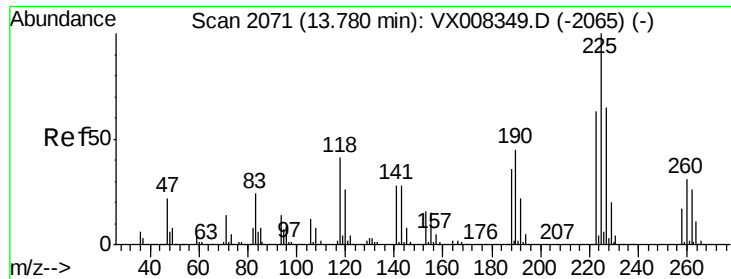


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 48.263 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20190314MSD

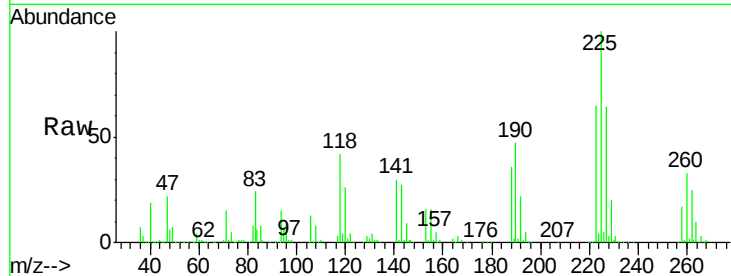
Tot Ion:225 Resp: 76064

Ion Ratio Lower Upper

225 100

223 62.9 31.1 93.2

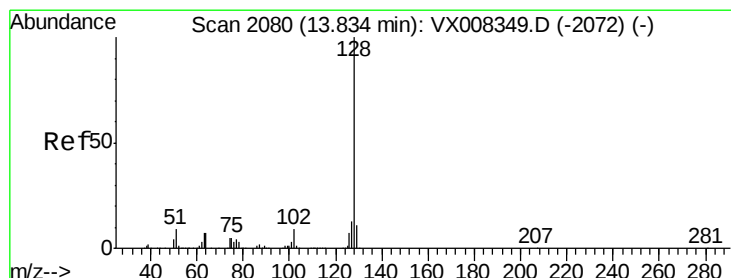
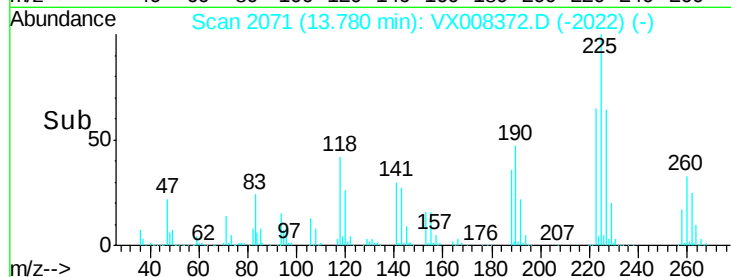
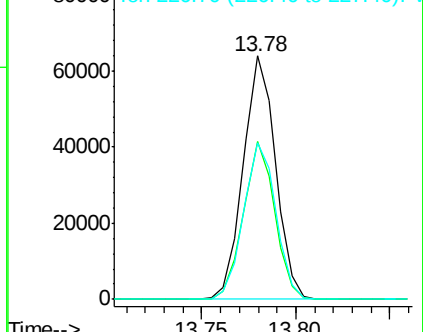
227 64.3 32.0 96.0



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: 49.869 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008372.D

Acq: 23 Mar 2019 23:59

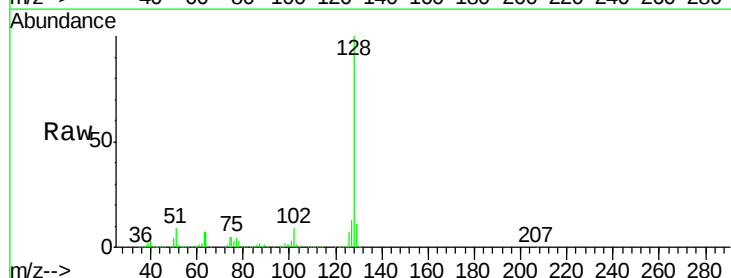
Tgt Ion:128 Resp: 584021

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

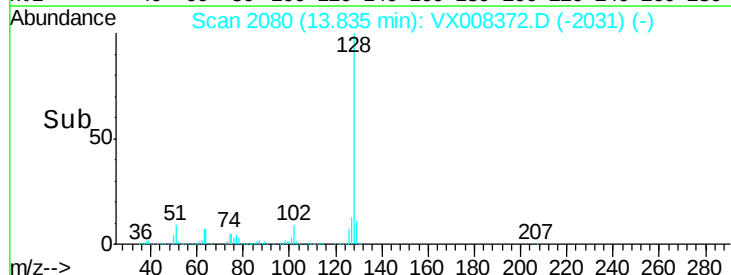
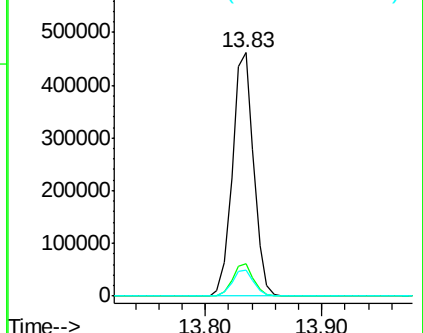
129 10.8 8.7 13.1

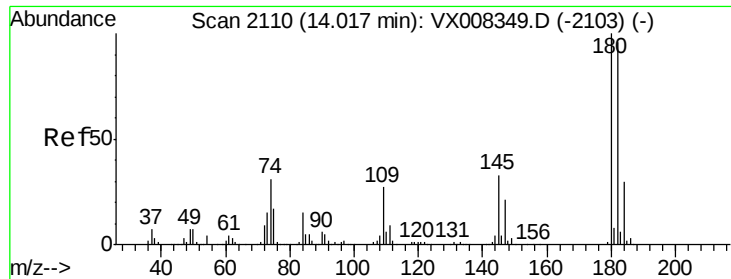


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 49.304 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX008372.D
 Acq: 23 Mar 2019 23:59

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20190314MSD

Tot Ion:	180	Resp:	165917
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.5	142.5
145	32.3	14.8	44.3

