

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006457.D
 Acq On : 12 Dec 2018 20:39
 Operator : JC/MD
 Sample : J6358-11MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211MS

Quant Time: Dec 13 06:14:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	552161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	864939	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	796864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	404825	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	300425	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	
35) Dibromofluoromethane	5.50	113	283205	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
50) Toluene-d8	8.71	98	1033100	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.14	95	389242	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	277118	51.257	ug/l	100
3) Chloromethane	1.33	50	284019	51.121	ug/l	97
4) Vinyl Chloride	1.41	62	315404	52.748	ug/l	97
5) Bromomethane	1.64	94	284808	68.728	ug/l	97
6) Chloroethane	1.71	64	197028	53.741	ug/l	97
7) Trichlorofluoromethane	1.93	101	498748	54.338	ug/l	100
8) Diethyl Ether	2.19	74	192205	55.330	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	285880	54.775	ug/l	98
10) Methyl Iodide	2.51	142	466417	59.299	ug/l	98
11) Tert butyl alcohol	3.08	59	382578	248.185	ug/l	100
12) 1,1-Dichloroethene	2.37	96	273497	54.740	ug/l	95
13) Acrolein	2.29	56	195301	231.803	ug/l	99
14) Allyl chloride	2.73	41	468469	47.465	ug/l	98
16) Acetone	2.45	43	679461	256.860	ug/l	100
17) Carbon Disulfide	2.57	76	755954	49.101	ug/l	100
18) Methyl Acetate	2.78	43	424142	47.946	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	948964	53.242	ug/l	98
20) Methylene Chloride	2.85	84	308344	54.770	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	295428	55.486	ug/l	93
22) Diisopropyl ether	3.87	45	844218	54.762	ug/l	99
23) Vinyl Acetate	3.82	43	3287846	250.054	ug/l	99
24) 1,1-Dichloroethane	3.70	63	485943	55.149	ug/l	99
25) 2-Butanone	4.70	43	1017502	269.580	ug/l	96
26) 2,2-Dichloropropane	4.58	77	355832	43.757	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	338755	57.039	ug/l	97
28) Bromochloromethane	5.02	49	199526	51.842	ug/l	99
29) Tetrahydrofuran	5.15	42	697174	265.772	ug/l	97
30) Chloroform	5.21	83	523728	56.560	ug/l	99
31) Cyclohexane	5.57	56	444315	54.563	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	473107	53.699	ug/l	100
36) 1,1-Dichloropropene	5.80	75	386641	53.083	ug/l	100
37) Ethyl Acetate	4.85	43	379600	46.538	ug/l	98
38) Carbon Tetrachloride	5.78	117	421378	49.177	ug/l	100
39) Methylcyclohexane	7.46	83	496954	52.563	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.14	78	1187083	54.415	ug/l	100
41) Methacrylonitrile	5.06	41	219499	48.905	ug/l	98
42) 1,2-Dichloroethane	6.20	62	391692	54.861	ug/l	100
43) Isopropyl Acetate	6.46	43	640423	47.091	ug/l	99
44) Trichloroethene	7.21	130	346015	52.357	ug/l	94
45) 1,2-Dichloropropane	7.52	63	289620	52.236	ug/l	97
46) Dibromomethane	7.66	93	214374	53.536	ug/l	96
47) Bromodichloromethane	7.90	83	384030	49.524	ug/l	99
48) Methyl methacrylate	7.77	41	331350	50.083	ug/l	98
49) 1,4-Dioxane	7.75	88	167096	1024.732	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1997302	252.281	ug/l	98
52) Toluene	8.79	92	788058	54.909	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	419159	46.220	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	457119	48.542	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	319946	54.873	ug/l	99
56) Ethyl methacrylate	9.18	69	471975	51.779	ug/l	98
57) 1,3-Dichloropropane	9.37	76	503250	54.582	ug/l	100
59) 2-Hexanone	9.49	43	1495229	247.203	ug/l	98
60) Dibromochloromethane	9.59	129	345022	47.988	ug/l	100
61) 1,2-Dibromoethane	9.67	107	347486	53.299	ug/l	99
64) Tetrachloroethene	9.34	164	310454	51.733	ug/l	99
65) Chlorobenzene	10.14	112	916459	54.178	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	329283	50.101	ug/l	99
67) Ethyl Benzene	10.25	91	1507047	53.567	ug/l	100
68) m/p-Xylenes	10.36	106	1204098	106.844	ug/l	99
69) o-Xylene	10.70	106	590191	53.018	ug/l	99
70) Styrene	10.71	104	949917	52.761	ug/l	99
71) Bromoform	10.86	173	266371	42.934	ug/l #	99
73) Isopropylbenzene	11.02	105	1560285	55.811	ug/l	100
74) N-amyl acetate	10.90	43	542517	45.064	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	469112	52.450	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	535503	68.533	ug/l	86
77) Bromobenzene	11.26	156	420674	54.221	ug/l	100
78) n-propylbenzene	11.36	91	1708440	54.975	ug/l	100
79) 2-Chlorotoluene	11.42	91	1001949	54.245	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1280963	55.070	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	136224	40.912	ug/l	88
82) 4-Chlorotoluene	11.51	91	1153574	53.717	ug/l	100
83) tert-Butylbenzene	11.77	119	1341382	54.048	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1314408	54.724	ug/l	100
85) sec-Butylbenzene	11.94	105	1560019	55.253	ug/l	100
86) p-Isopropyltoluene	12.07	119	1387690	54.582	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	748222	54.199	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	740129	52.821	ug/l	100
89) n-Butylbenzene	12.39	91	1158352	53.398	ug/l	99
90) Hexachloroethane	12.60	117	240471	46.408	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	733101	53.507	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	103052	44.948	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	513995	51.421	ug/l	99
94) Hexachlorobutadiene	13.78	225	226732	51.290	ug/l	99

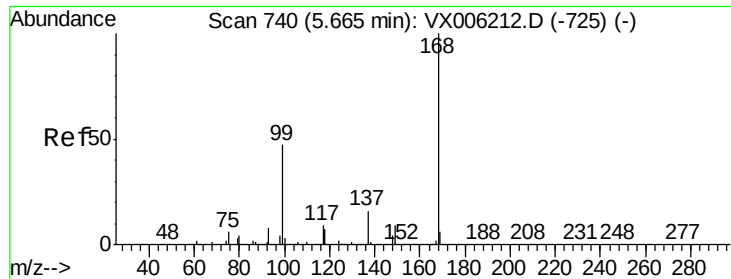
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	1664562	53.534	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	514186	51.935	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

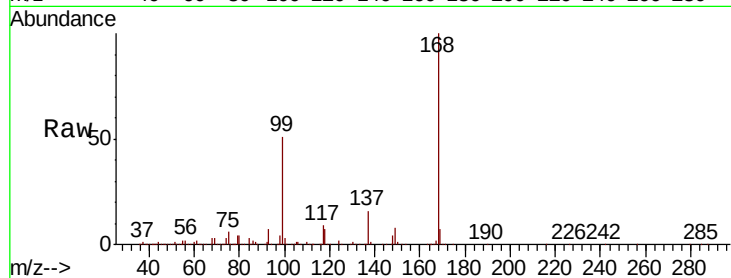
BP-TT-SW4002-20181211MS

Tot Ion:168 Resp: 552161

Ion Ratio Lower Upper

168 100

99 50.8 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): VX006457.D (-691) (-)

Ion 98.90 (98.60 to 99.60): VX006457.D (-691) (-)

5.67

200000

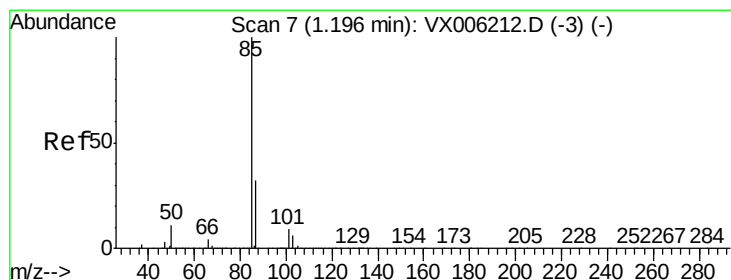
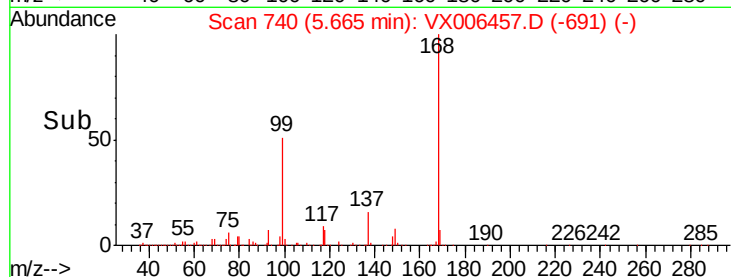
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.257 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006457.D

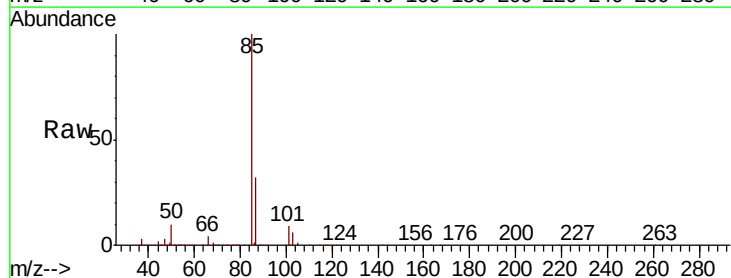
Acq: 12 Dec 2018 20:39

Tgt Ion: 85 Resp: 277118

Ion Ratio Lower Upper

85 100

87 32.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX006457.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VX006457.D (-1) (-)

1.20

300000

250000

200000

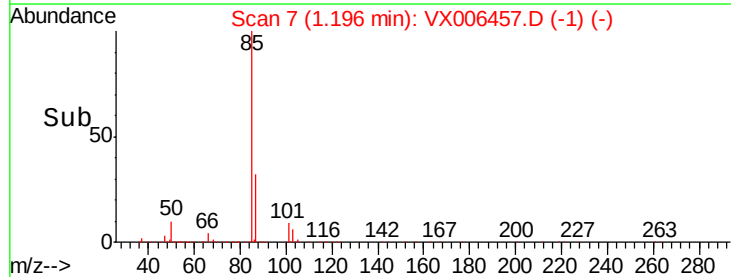
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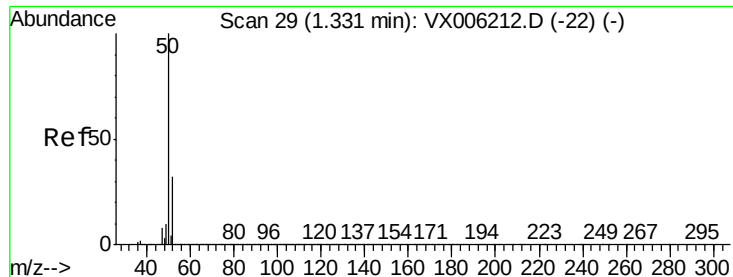
100000

50000

0

Time-->





#3

Chloromethane

Concen: 51.121 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

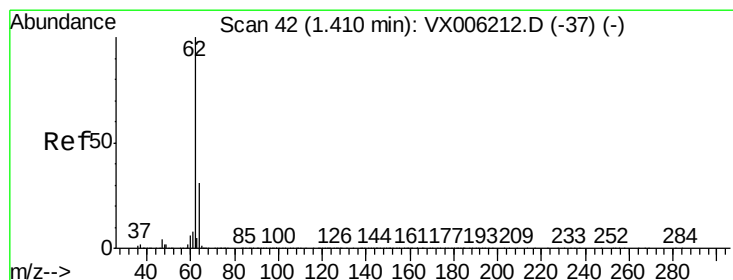
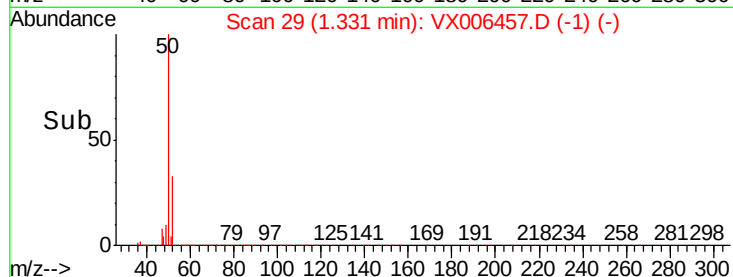
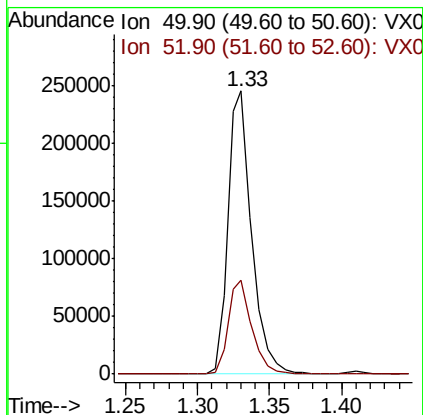
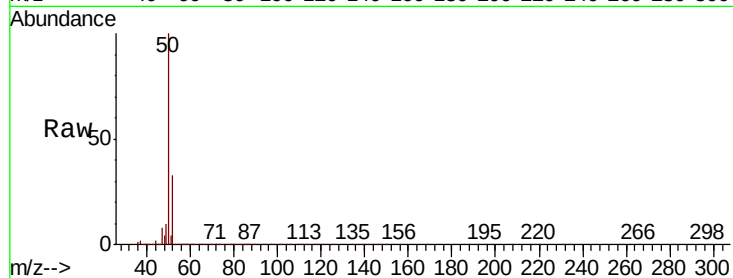
BP-TT-SW4002-20181211MS

Tot Ion: 50 Resp: 284019

Ion Ratio Lower Upper

50 100

52 32.9 25.2 37.8



#4

Vinyl Chloride

Concen: 52.748 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006457.D

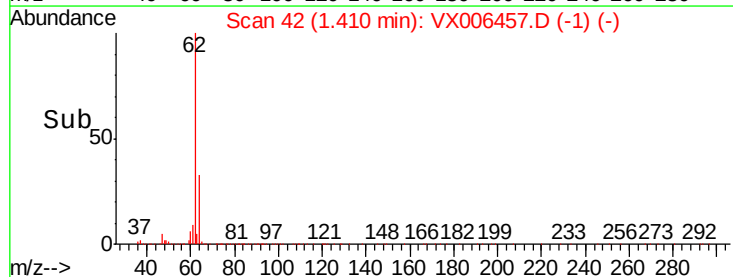
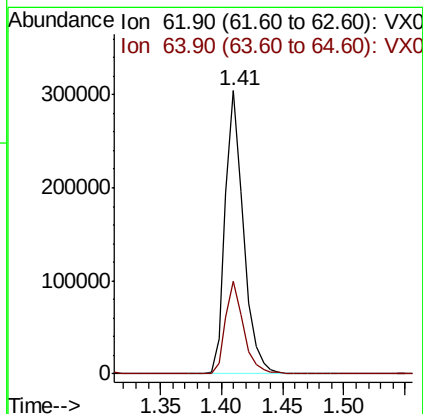
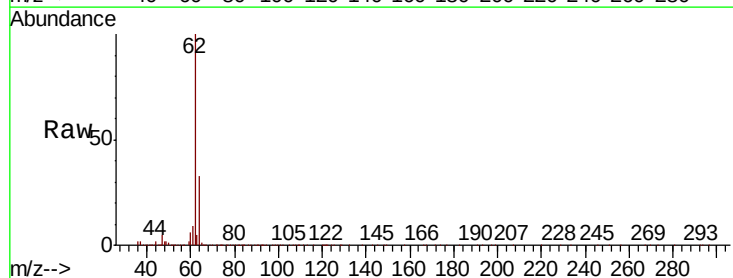
Acq: 12 Dec 2018 20:39

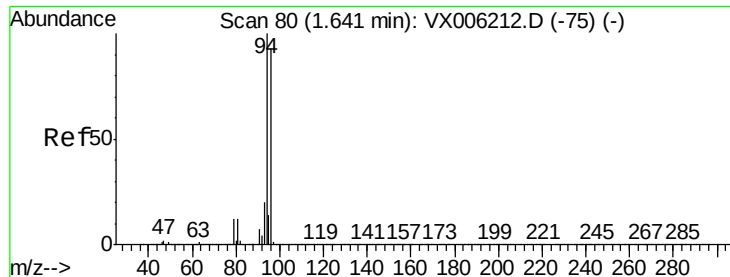
Tgt Ion: 62 Resp: 315404

Ion Ratio Lower Upper

62 100

64 32.7 24.9 37.3





#5

Bromomethane

Concen: 68.728 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

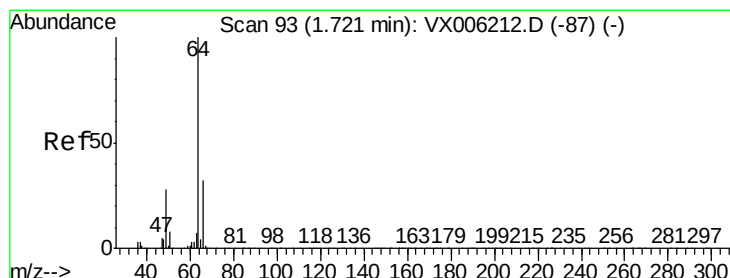
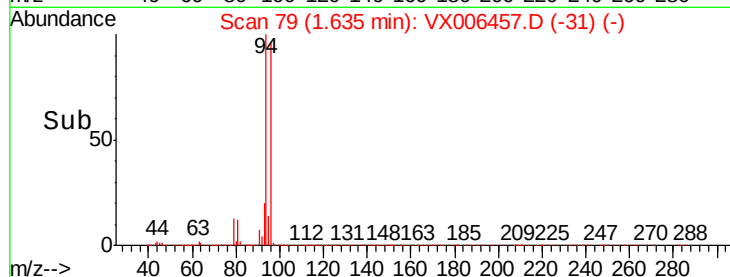
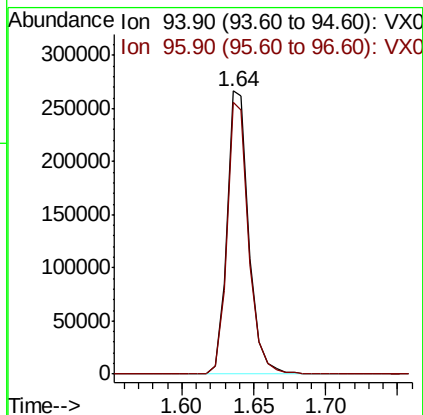
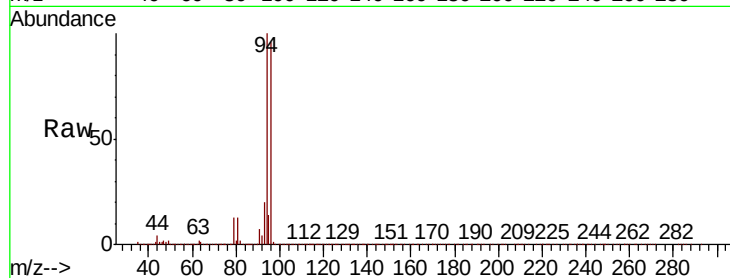
BP-TT-SW4002-20181211MS

Tot Ion: 94 Resp: 284808

Ion Ratio Lower Upper

94 100

96 96.0 74.5 111.7



#6

Chloroethane

Concen: 53.741 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006457.D

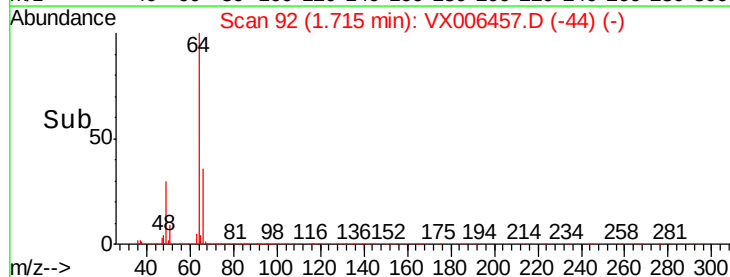
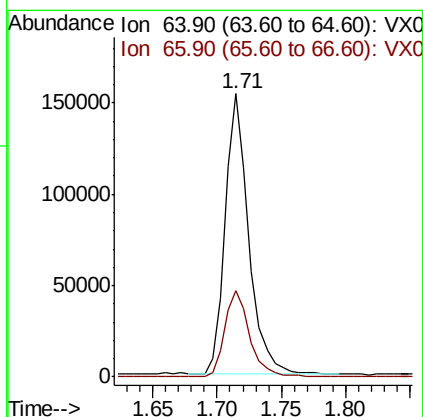
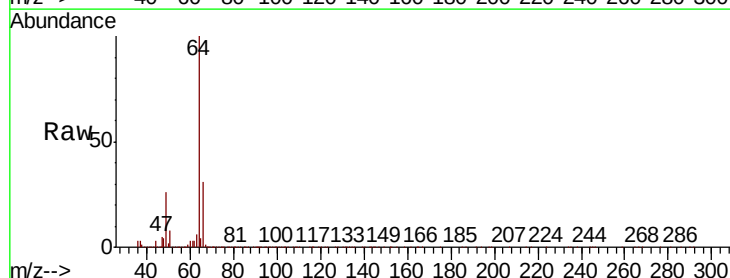
Acq: 12 Dec 2018 20:39

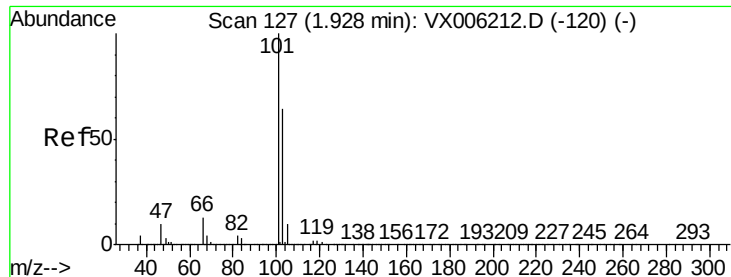
Tgt Ion: 64 Resp: 197028

Ion Ratio Lower Upper

64 100

66 30.7 25.9 38.9



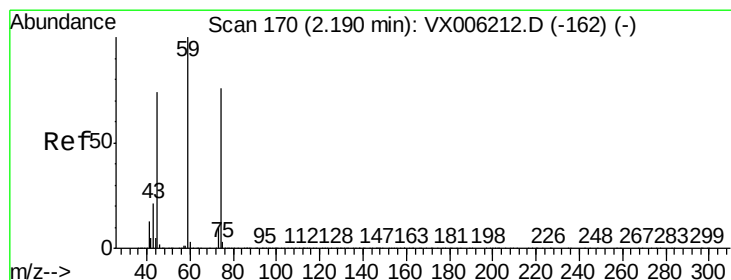
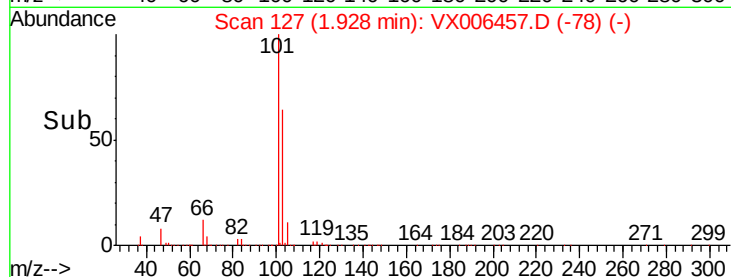
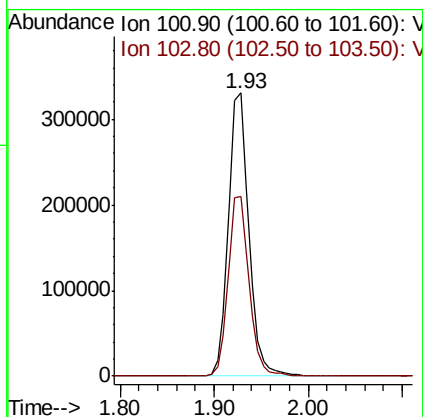
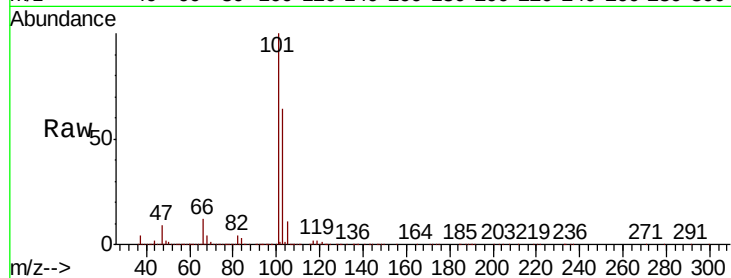


#7

Trichlorofluoromethane
Concen: 54.338 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006457.D
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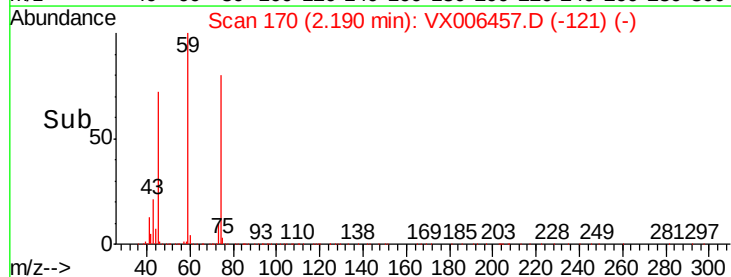
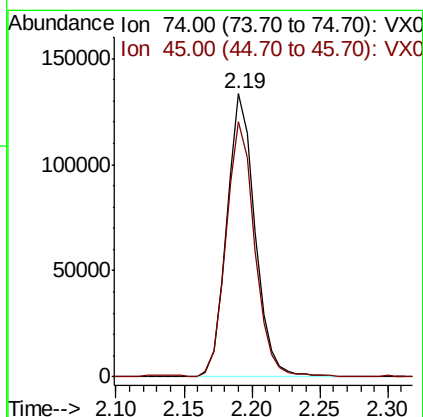
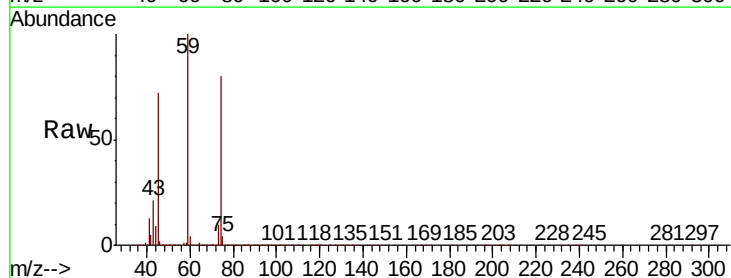
Tot Ion:101 Resp: 498748
Ion Ratio Lower Upper
101 100
103 63.6 51.0 76.4

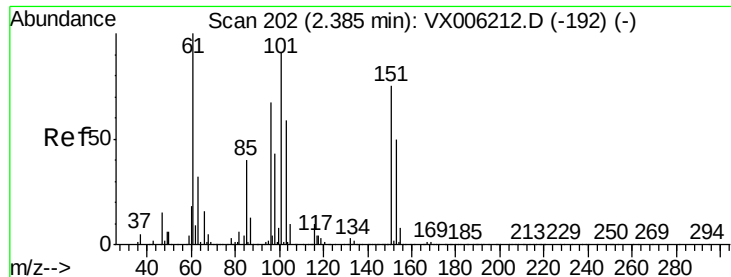


#8

Diethyl Ether
Concen: 55.330 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion: 74 Resp: 192205
Ion Ratio Lower Upper
74 100
45 90.7 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.775 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MS

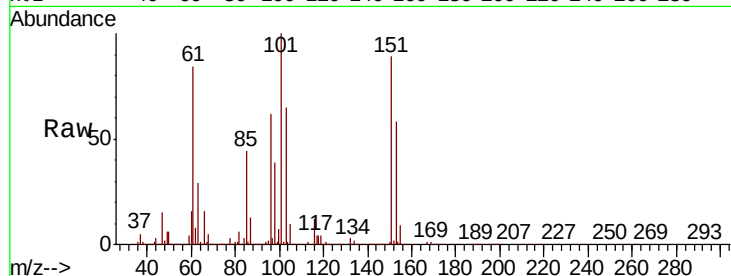
Tot Ion:101 Resp: 285880

Ion Ratio Lower Upper

101 100

85 43.1 35.5 53.3

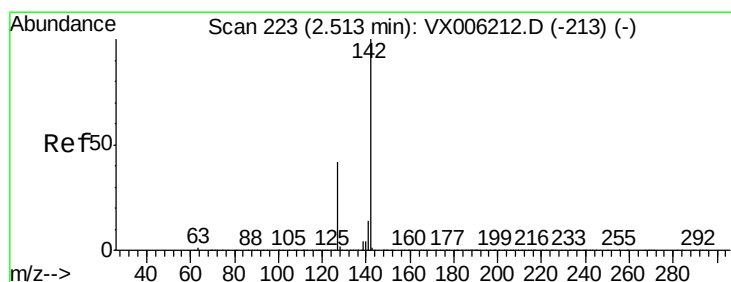
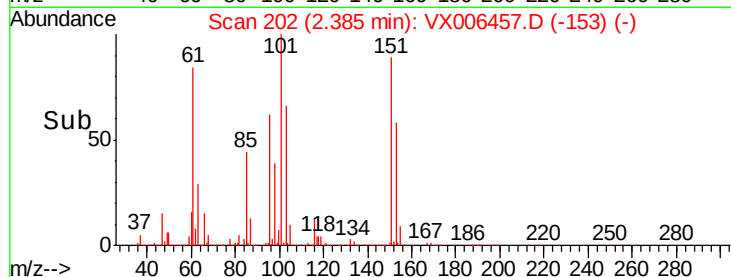
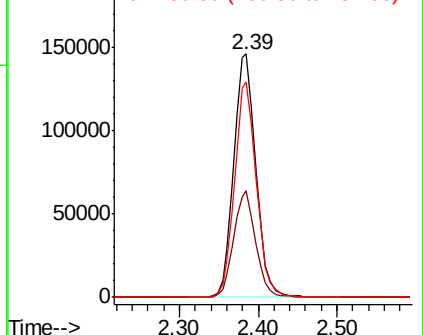
151 87.0 68.6 103.0



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: 59.299 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

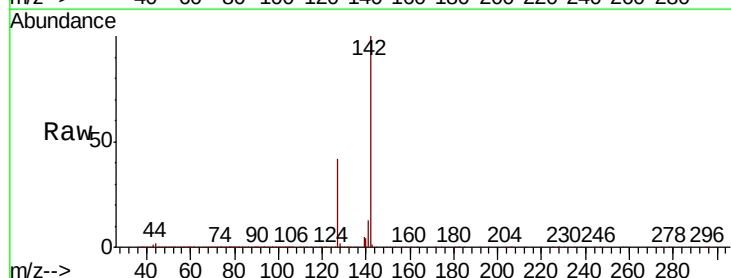
Tgt Ion:142 Resp: 466417

Ion Ratio Lower Upper

142 100

127 42.2 34.8 52.2

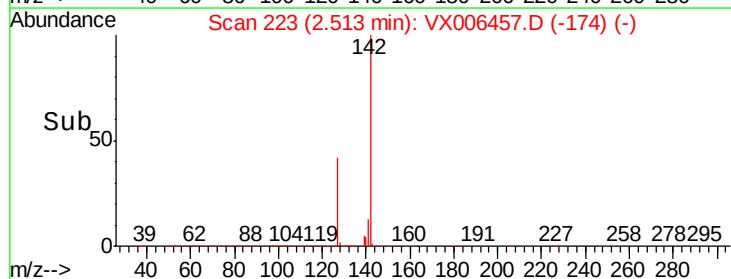
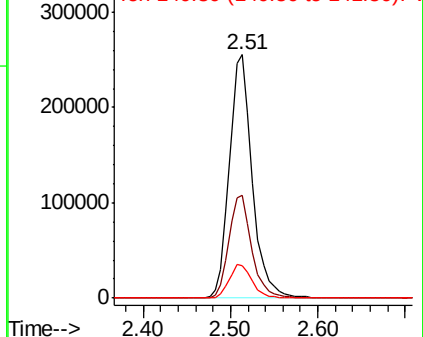
141 13.9 11.4 17.2

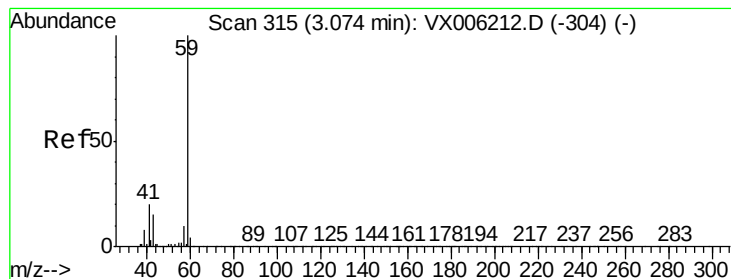


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



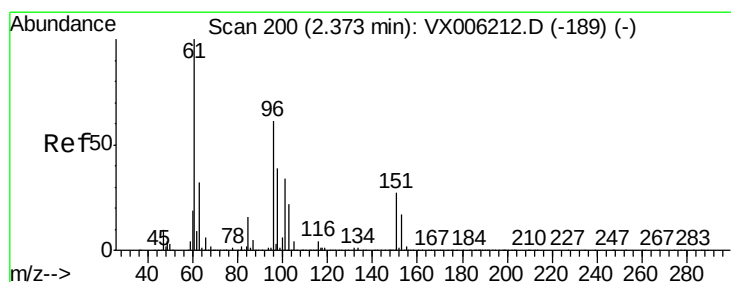
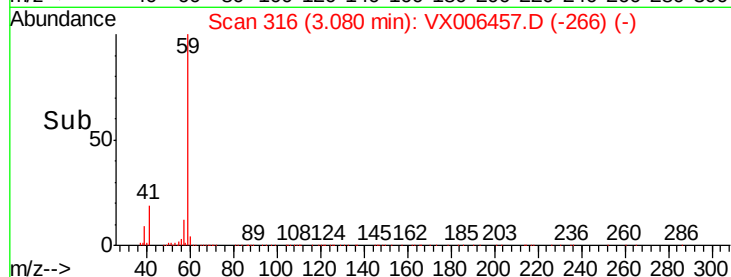
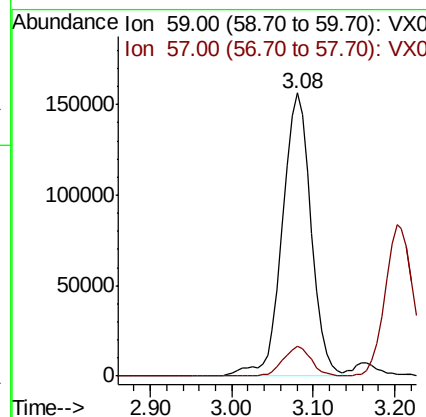
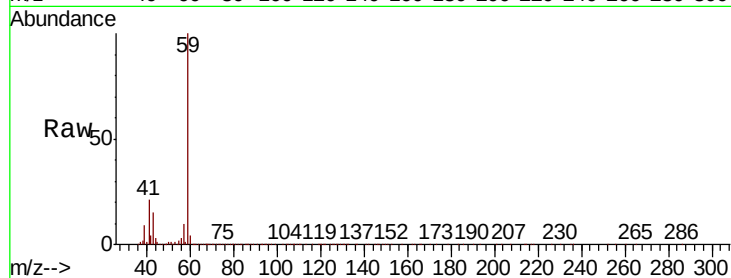


#11

Tert butyl alcohol
 Concen: 248.185 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX006457.D
 Acq: 12 Dec 2018 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211MS

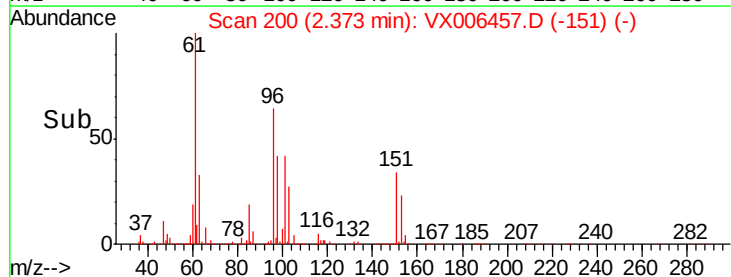
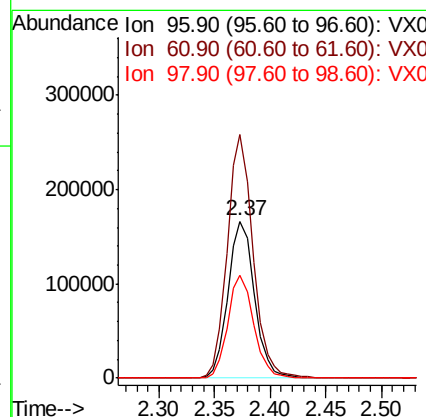
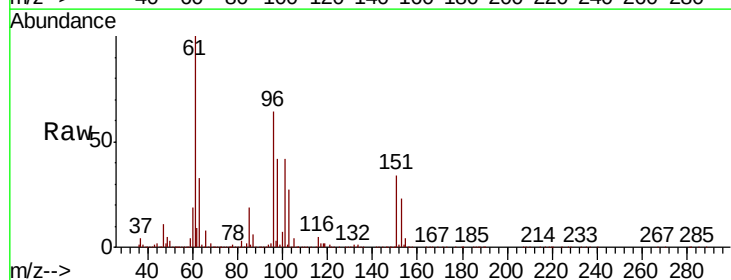
Tot Ion: 59 Resp: 382578
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.2

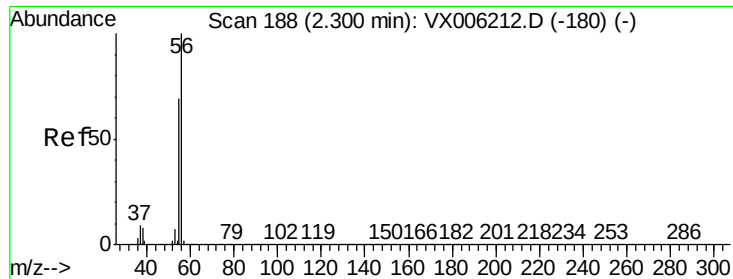


#12

1,1-Dichloroethene
 Concen: 54.740 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX006457.D
 Acq: 12 Dec 2018 20:39

Tgt Ion: 96 Resp: 273497
 Ion Ratio Lower Upper
 96 100
 61 155.3 131.7 197.5
 98 65.6 51.8 77.6





#13

Acrolein

Concen: 231.803 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

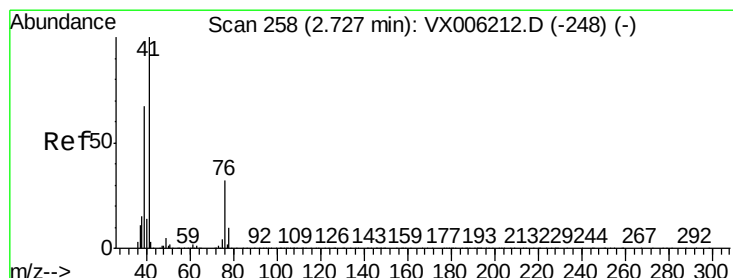
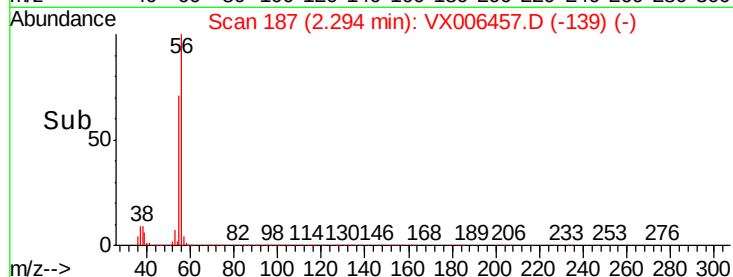
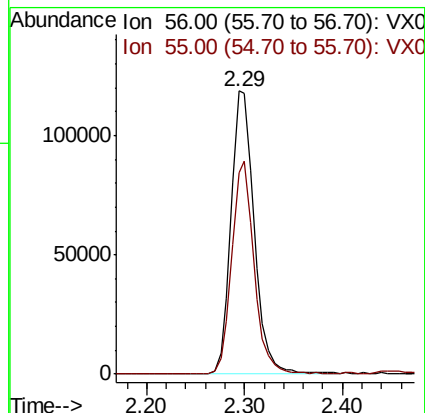
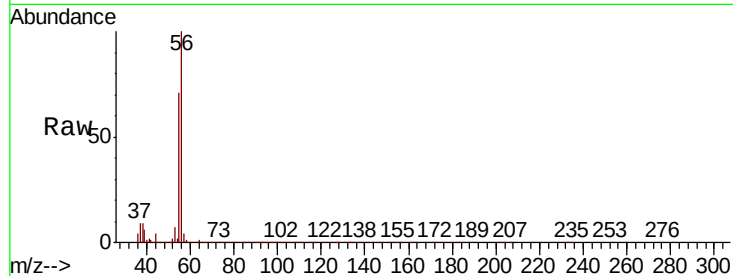
BP-TT-SW4002-20181211MS

Tot Ion: 56 Resp: 195301

Ion Ratio Lower Upper

56 100

55 71.7 57.8 86.6



#14

Allyl chloride

Concen: 47.465 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

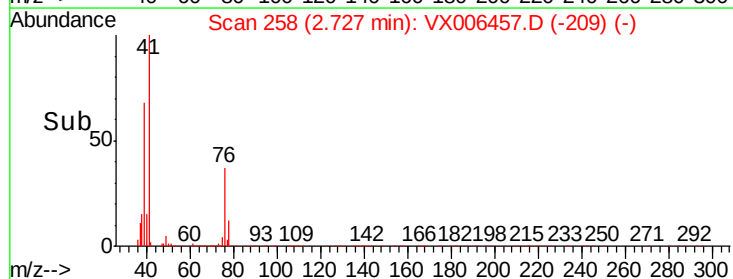
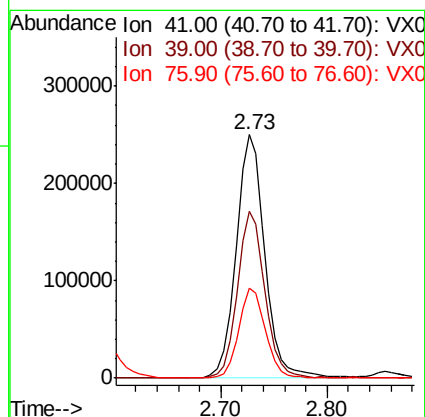
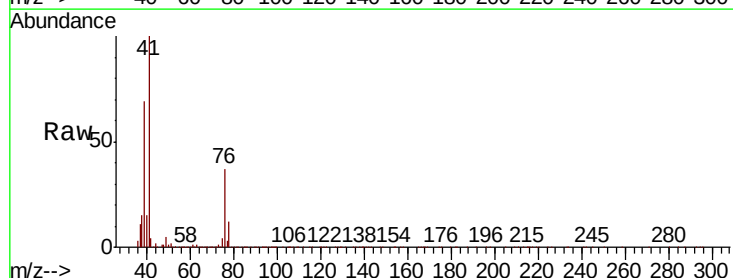
Tgt Ion: 41 Resp: 468469

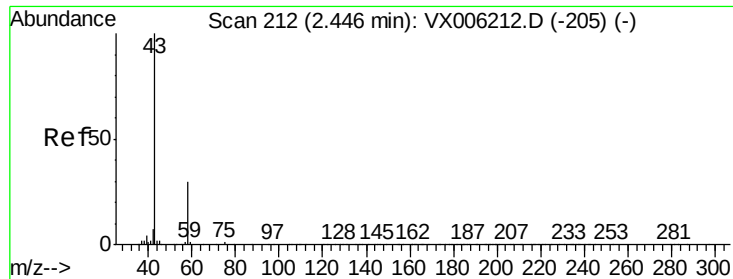
Ion Ratio Lower Upper

41 100

39 65.5 52.4 78.6

76 34.8 25.4 38.0

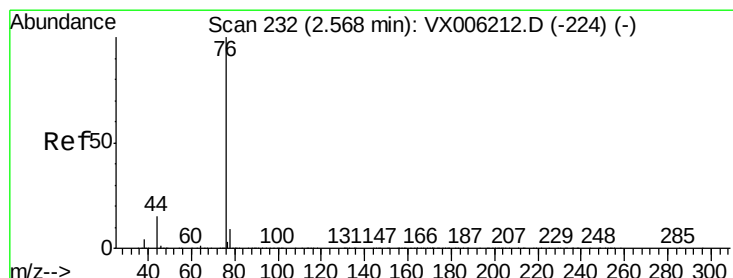
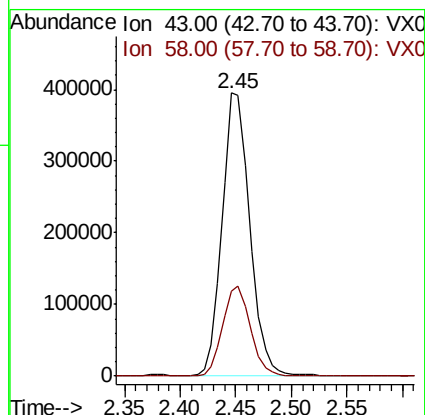
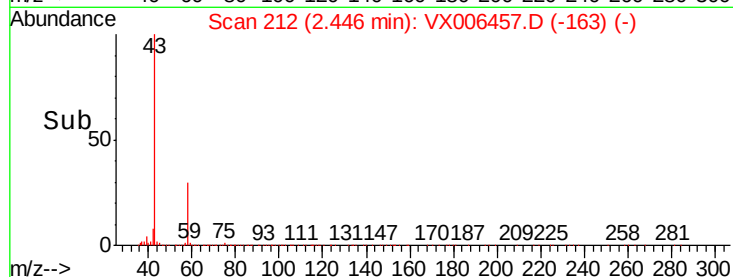
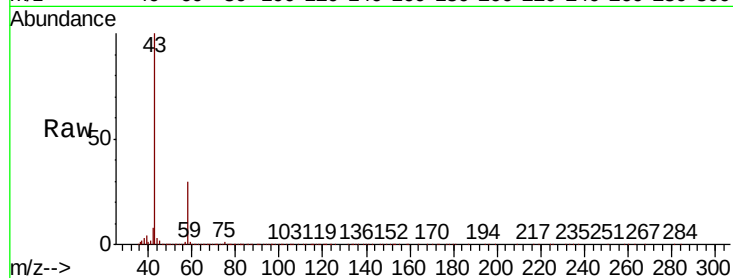




#16
Acetone
Concen: 256.860 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

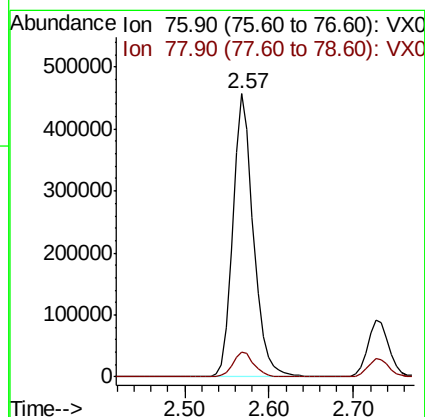
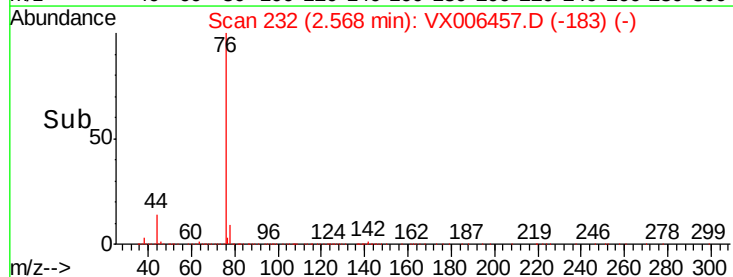
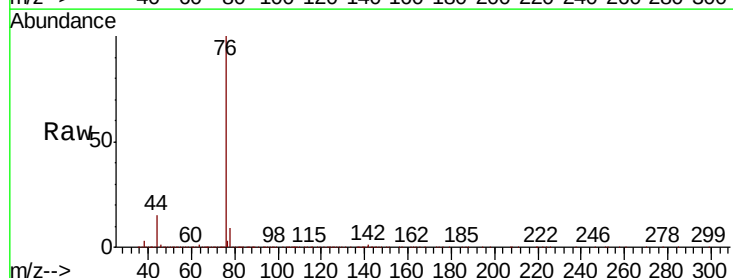
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

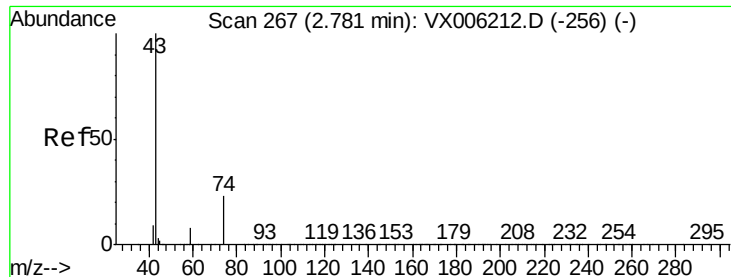
Tot Ion: 43 Resp: 679461
Ion Ratio Lower Upper
43 100
58 29.9 24.0 36.0



#17
Carbon Disulfide
Concen: 49.101 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion: 76 Resp: 755954
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

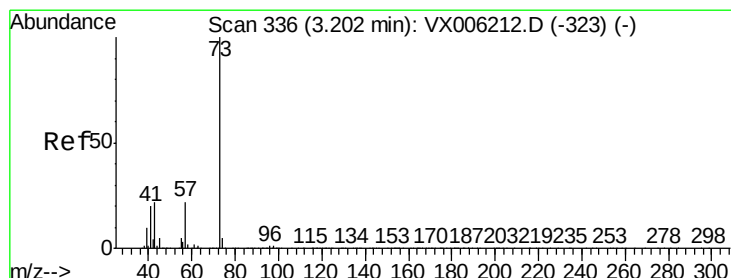
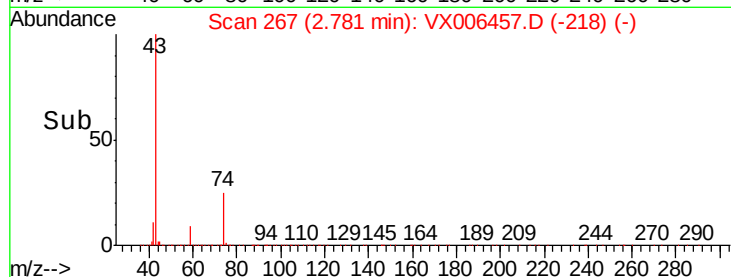
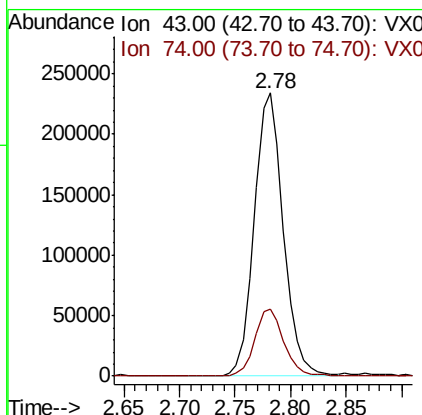
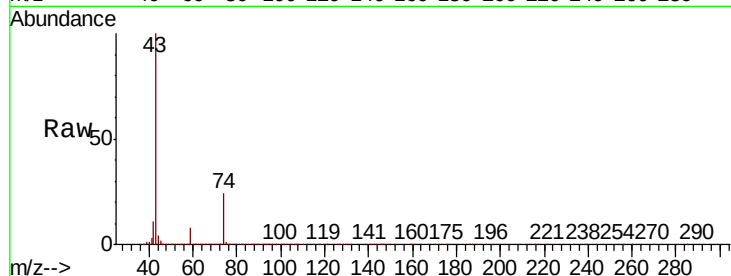




#18
Methyl Acetate
Concen: 47.946 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

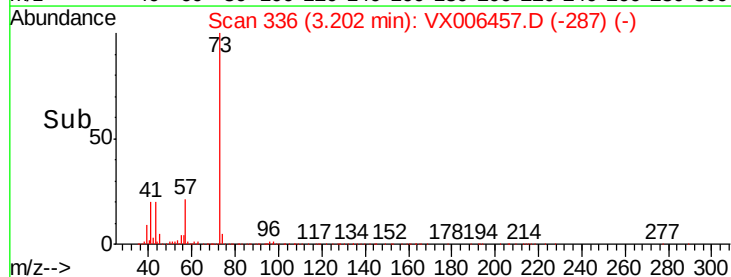
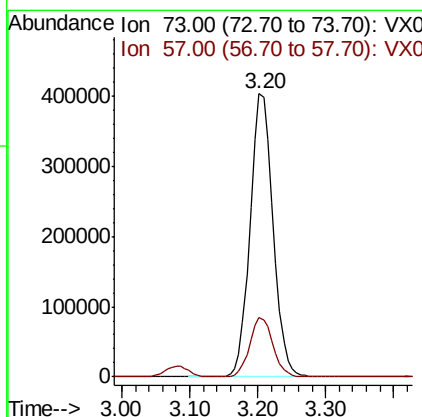
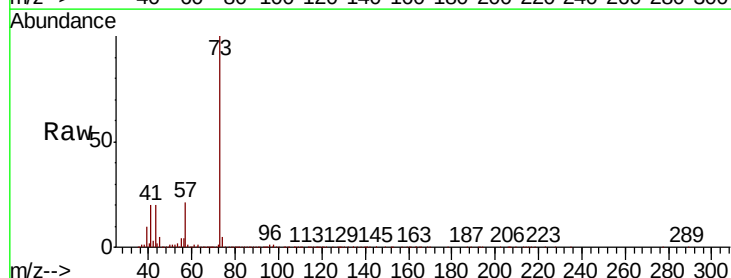
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

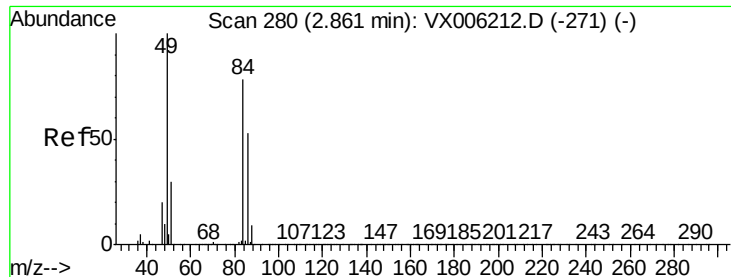
Tot Ion: 43 Resp: 424142
Ion Ratio Lower Upper
43 100
74 23.3 17.9 26.9



#19
Methyl tert-butyl Ether
Concen: 53.242 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion: 73 Resp: 948964
Ion Ratio Lower Upper
73 100
57 20.8 17.5 26.3

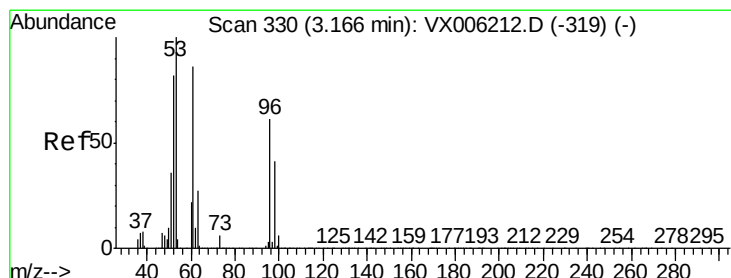
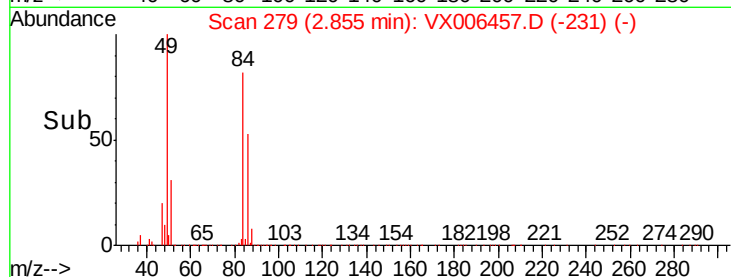
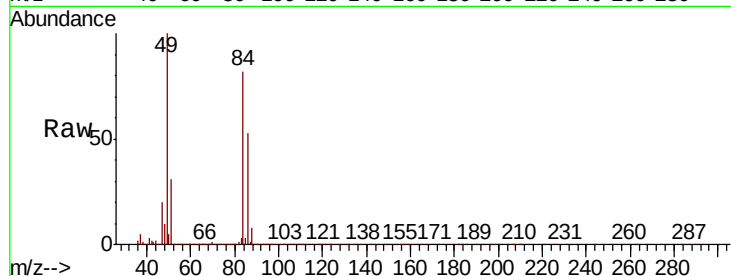
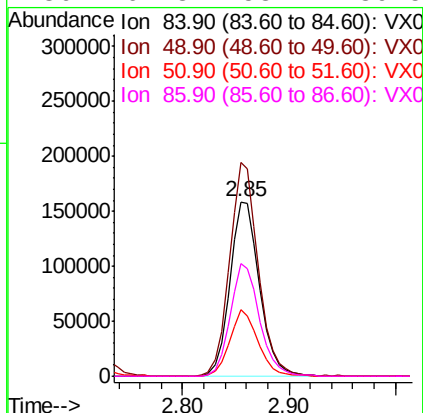




#20
Methylene Chloride
Concen: 54.770 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

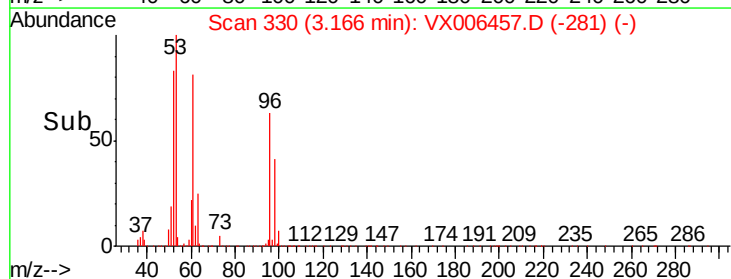
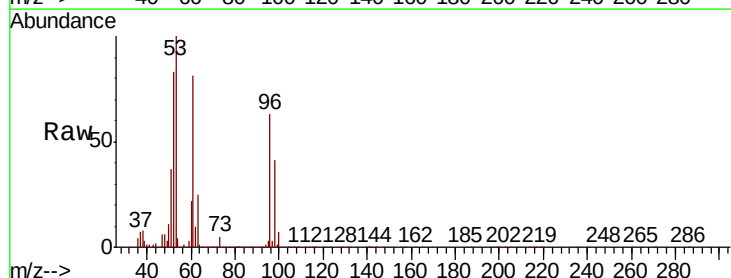
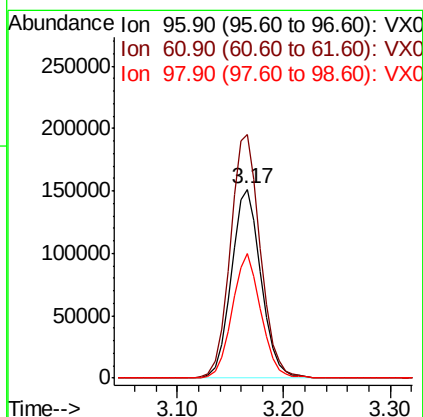
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

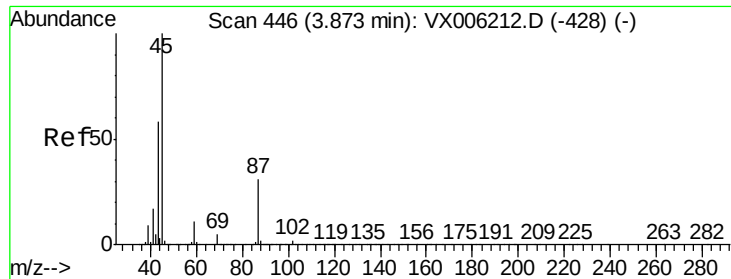
Tot Ion:	84	Resp:	308344
Ion	Ratio	Lower	Upper
84	100		
49	122.5	102.2	153.4
51	38.0	31.1	46.7
86	64.3	53.7	80.5



#21
trans-1,2-Dichloroethene
Concen: 55.486 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion:	96	Resp:	295428
Ion	Ratio	Lower	Upper
96	100		
61	128.7	113.3	169.9
98	66.0	53.2	79.8





#22

Diisopropyl ether

Concen: 54.762 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MS

Tot Ion: 45 Resp: 844218

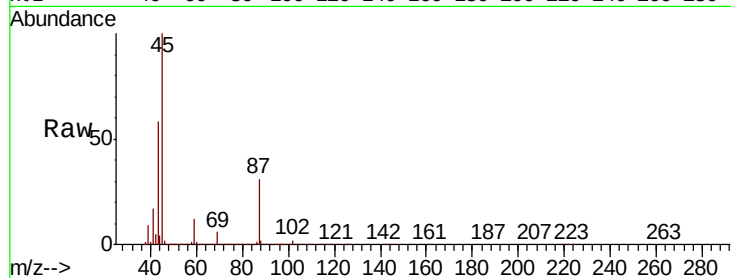
Ion	Ratio	Lower	Upper
45	100		
43	57.9	46.2	69.2
87	30.7	24.9	37.3
59	12.0	9.1	13.7

45 100

43 57.9 46.2 69.2

87 30.7 24.9 37.3

59 12.0 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

2000000

1500000

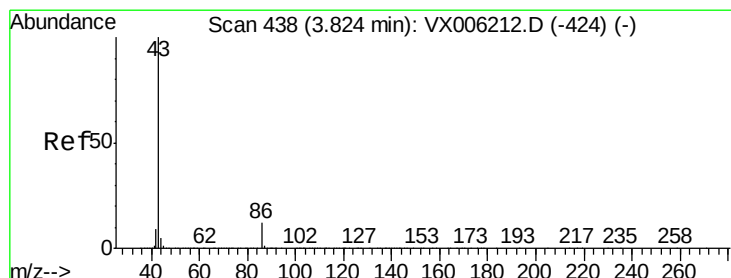
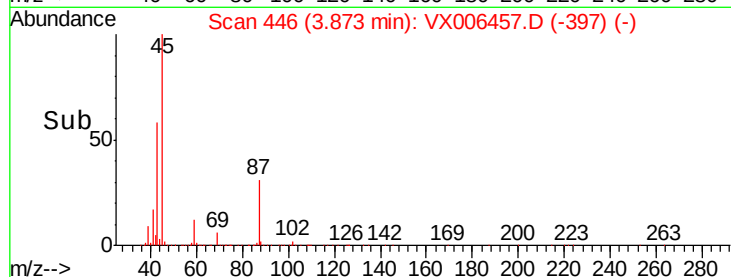
1000000

500000

0

3.70 3.80 3.90 4.00

Time-->



#23

Vinyl Acetate

Concen: 250.054 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006457.D

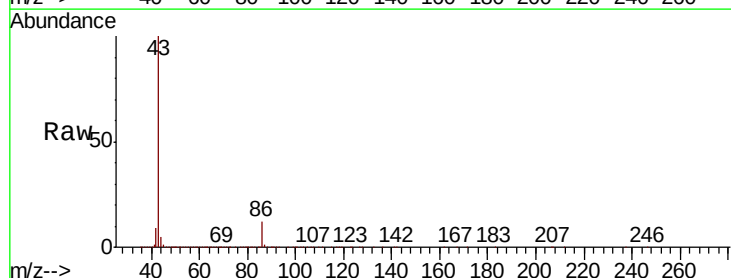
Acq: 12 Dec 2018 20:39

Tgt Ion: 43 Resp: 3287846

Ion	Ratio	Lower	Upper
43	100		
86	12.2	9.4	14.0

43 100

86 12.2 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1500000

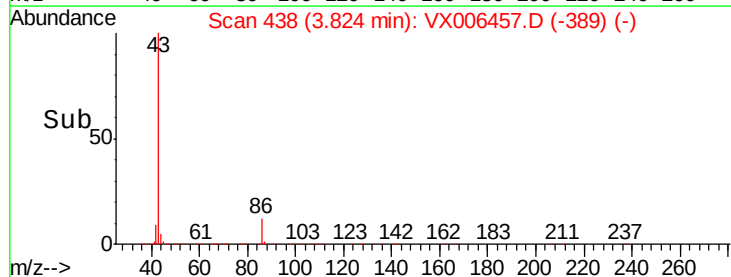
1000000

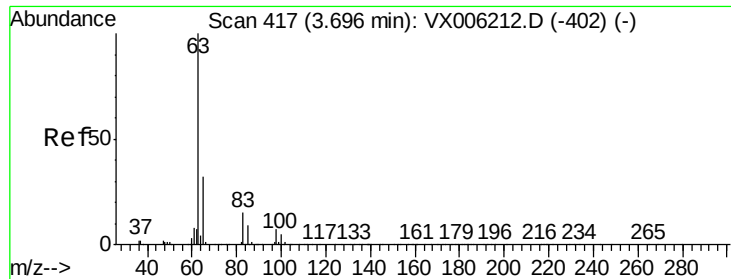
500000

0

3.70 3.80 3.90 4.00

Time-->





#24

1,1-Dichloroethane

Concen: 55.149 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MS

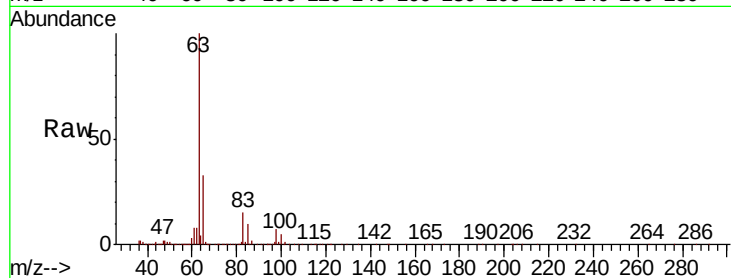
Tot Ion: 63 Resp: 485943

Ion Ratio Lower Upper

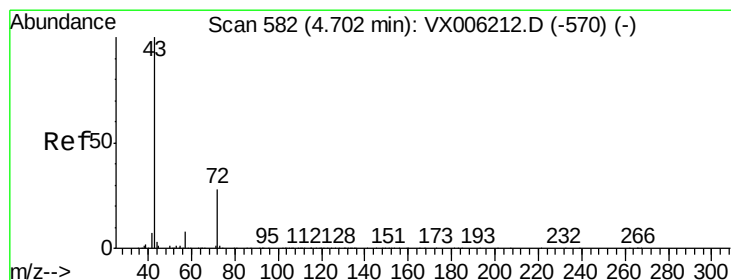
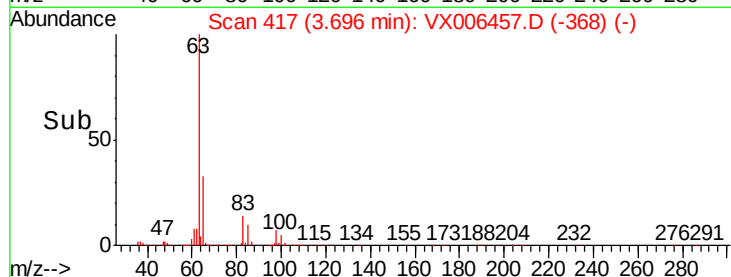
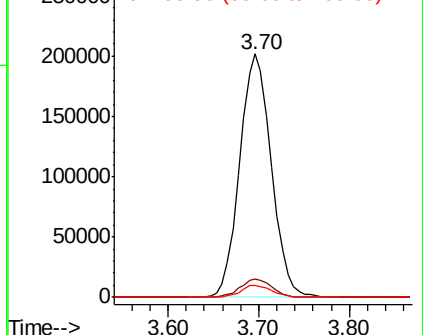
63 100

98 7.3 3.8 11.4

100 4.8 2.5 7.4



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: 269.580 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006457.D

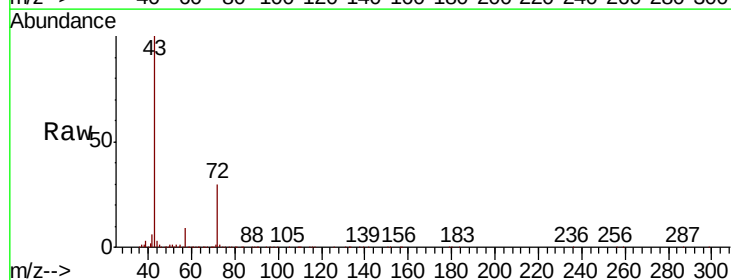
Acq: 12 Dec 2018 20:39

Tgt Ion: 43 Resp: 1017502

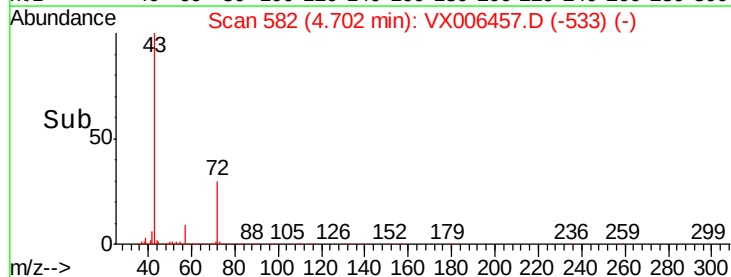
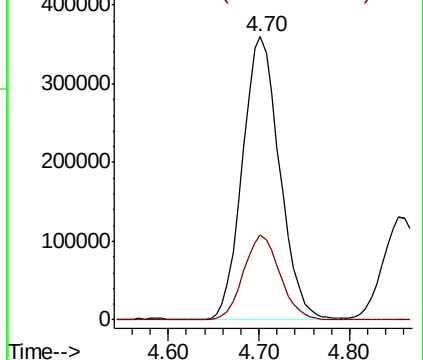
Ion Ratio Lower Upper

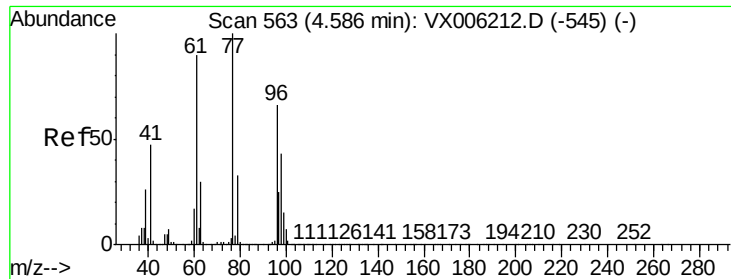
43 100

72 30.1 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0

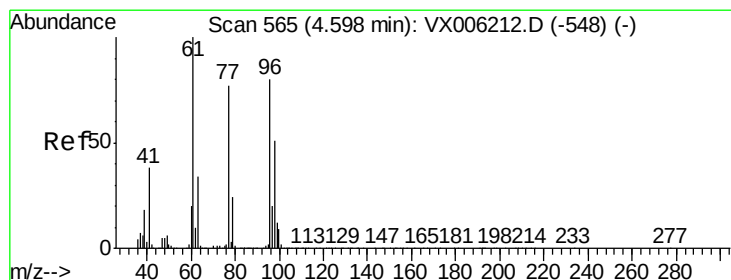
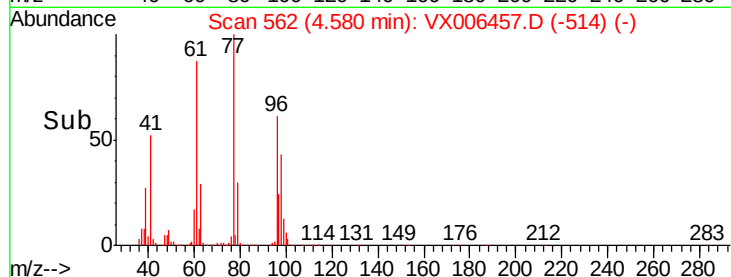
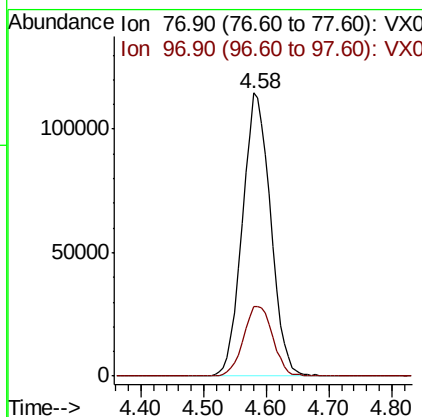
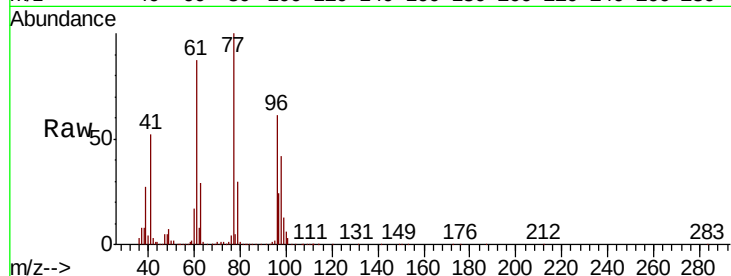




#26
2,2-Dichloropropane
Concen: 43.757 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.01 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

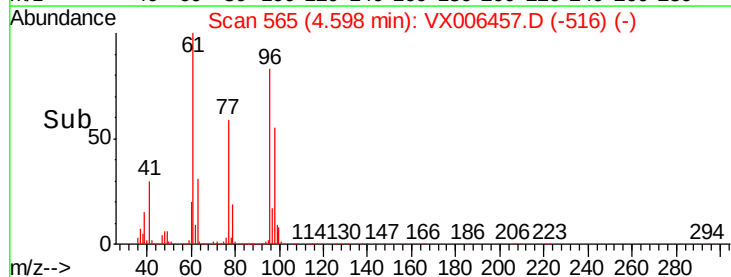
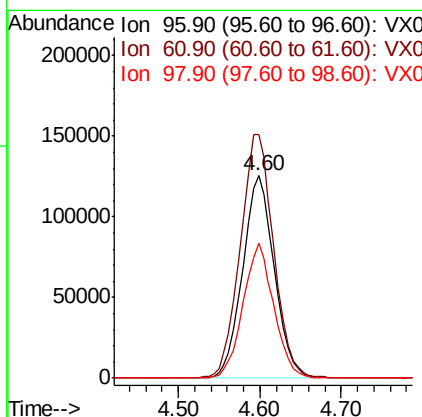
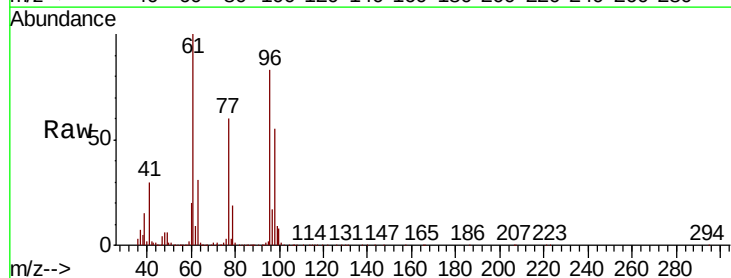
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

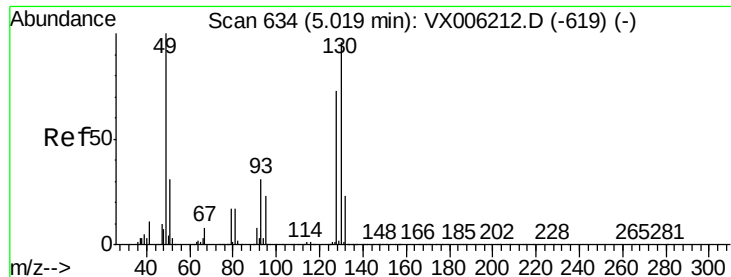
Tot Ion: 77 Resp: 355832
Ion Ratio Lower Upper
77 100
97 25.7 12.3 36.8



#27
cis-1,2-Dichloroethene
Concen: 57.039 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion: 96 Resp: 338755
Ion Ratio Lower Upper
96 100
61 126.8 0.0 265.0
98 64.7 0.0 130.2





#28

Bromochloromethane

Concen: 51.842 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MS

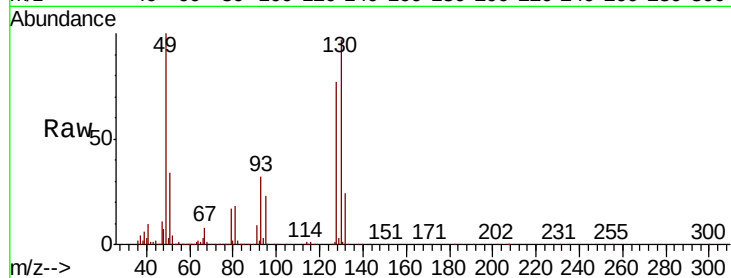
Tot Ion: 49 Resp: 199526

Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.0

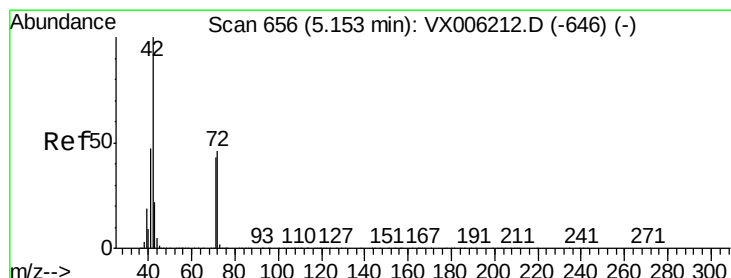
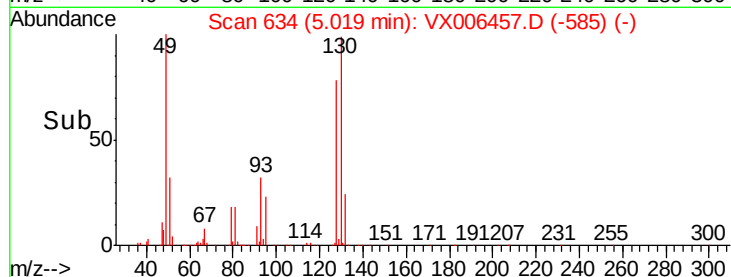
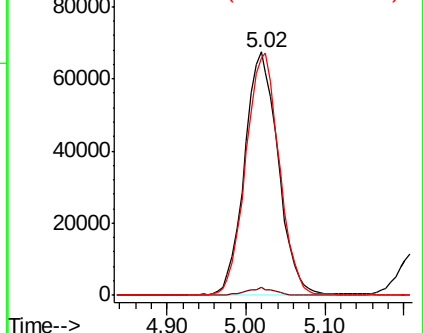
130 99.2 78.3 117.5



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 265.772 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

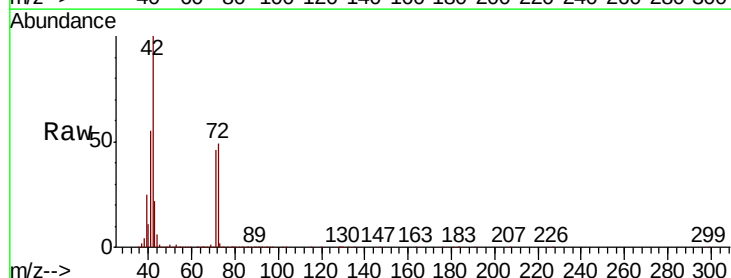
Tgt Ion: 42 Resp: 697174

Ion Ratio Lower Upper

42 100

72 49.6 37.8 56.8

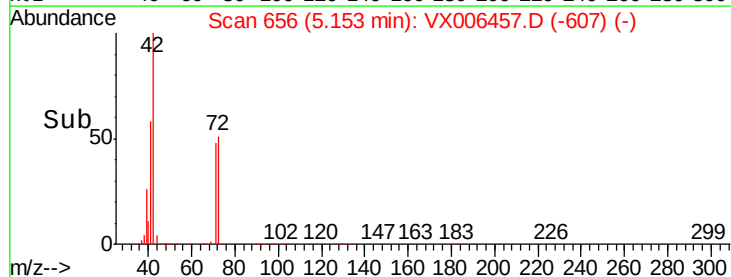
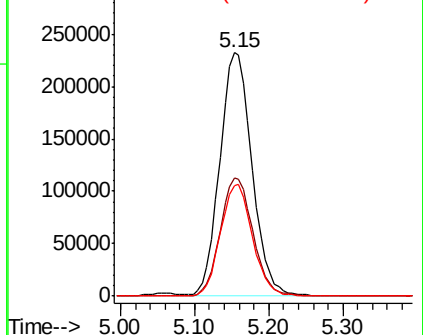
71 45.5 35.2 52.8

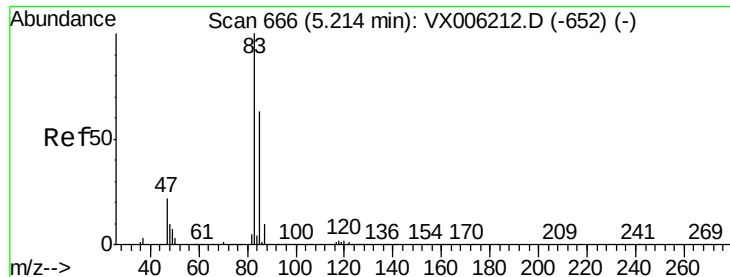


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

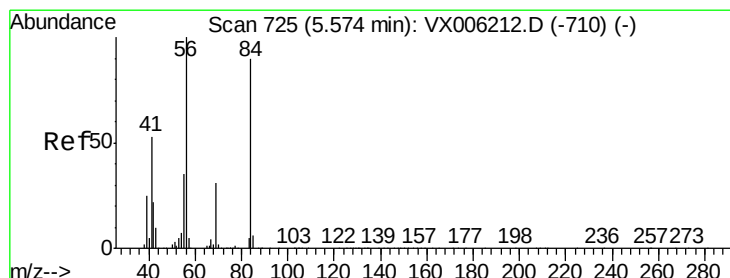
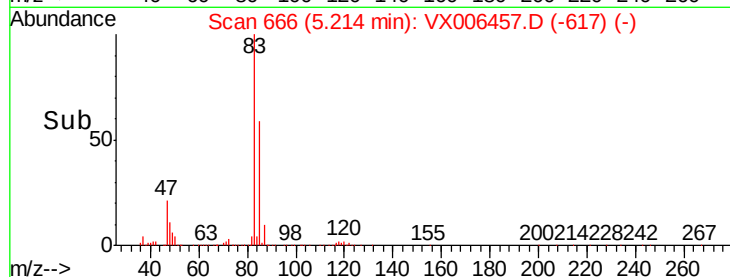
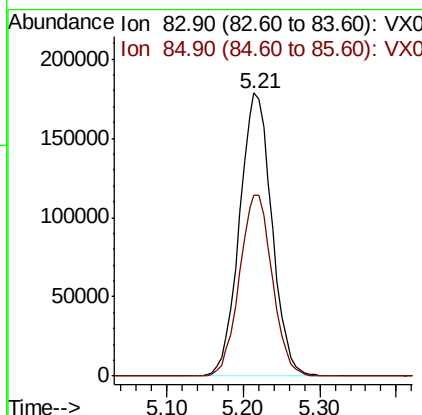
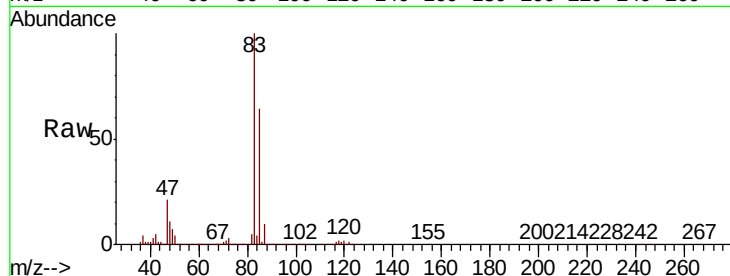




#30
Chloroform
Concen: 56.560 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

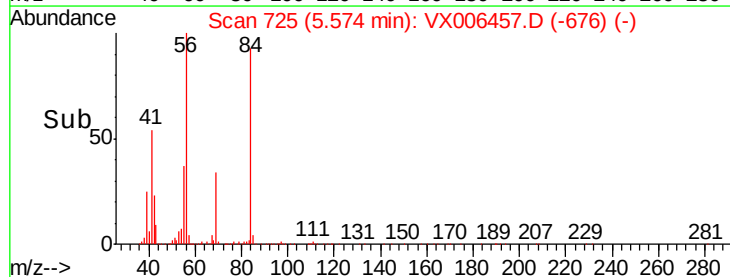
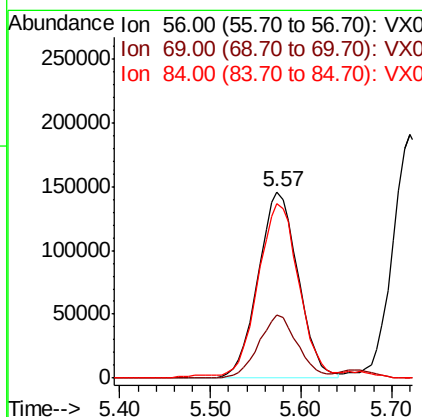
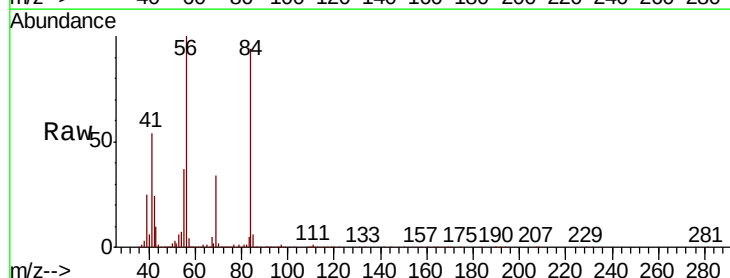
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

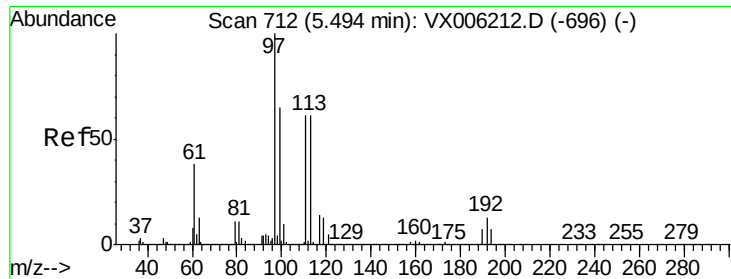
Tot Ion: 83 Resp: 523728
Ion Ratio Lower Upper
83 100
85 63.7 50.3 75.5



#31
Cyclohexane
Concen: 54.563 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion: 56 Resp: 444315
Ion Ratio Lower Upper
56 100
69 34.0 24.5 36.7
84 92.5 71.8 107.6





#32

1,1,1-Trichloroethane

Concen: 53.699 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MS

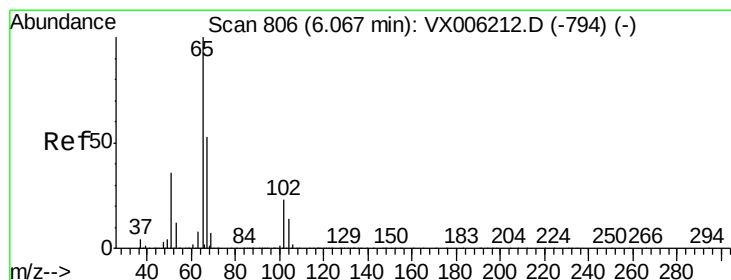
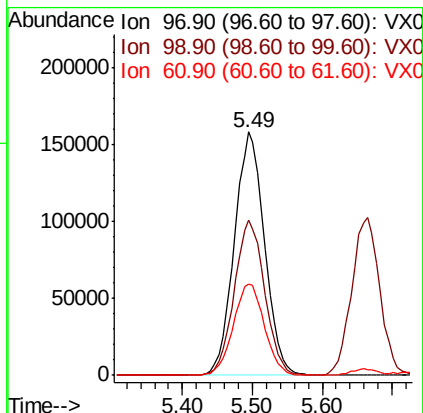
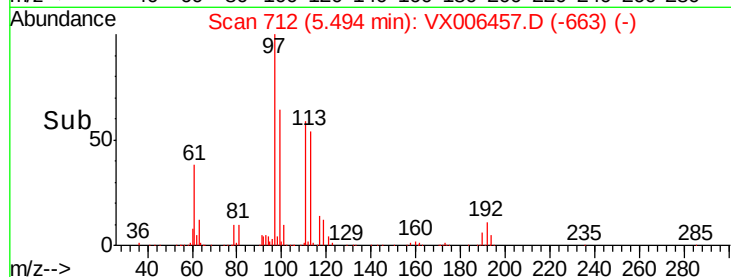
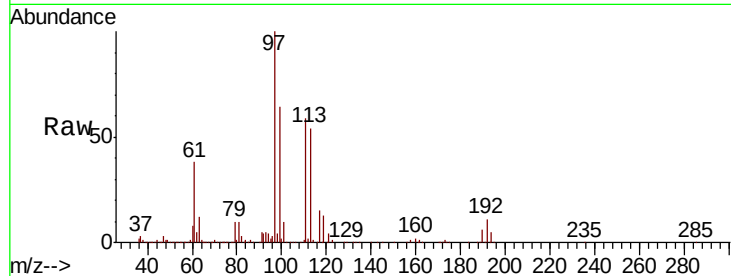
Tot Ion: 97 Resp: 473107

Ion Ratio Lower Upper

97 100

99 64.4 51.6 77.4

61 38.7 30.6 46.0



#33

1,2-Dichloroethane-d4

Concen: 53.298 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006457.D

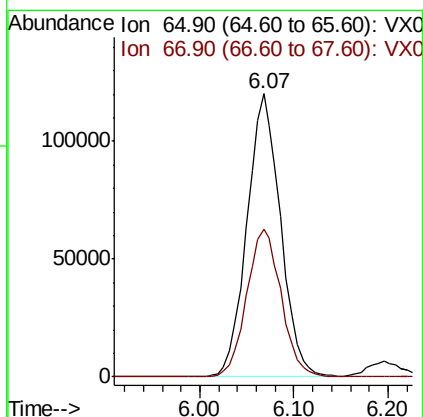
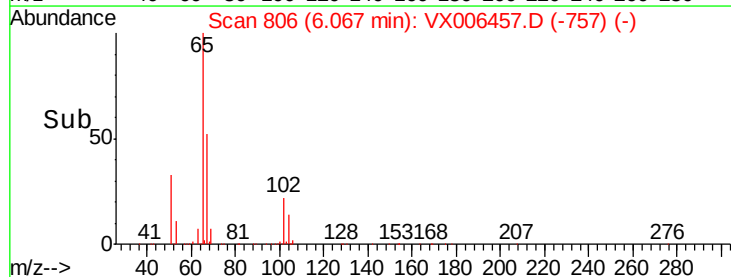
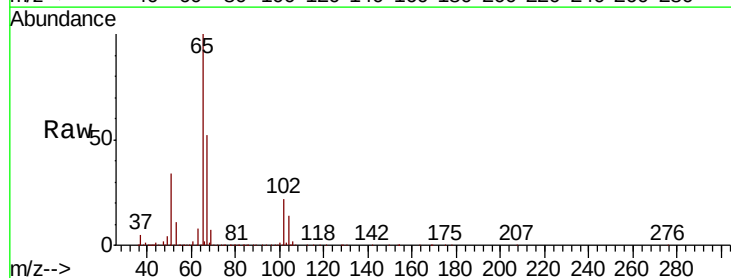
Acq: 12 Dec 2018 20:39

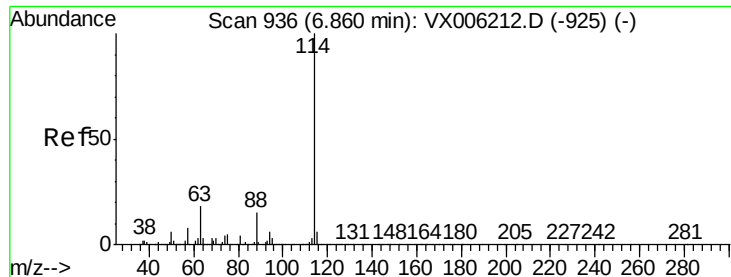
Tgt Ion: 65 Resp: 300425

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.2

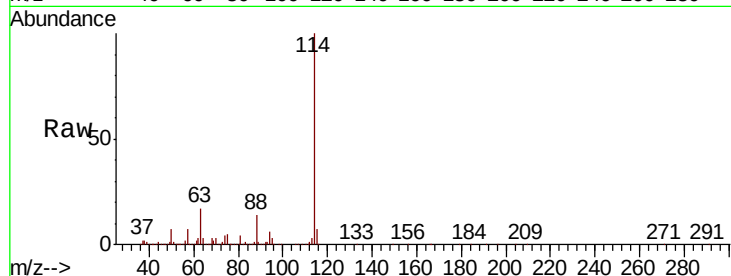




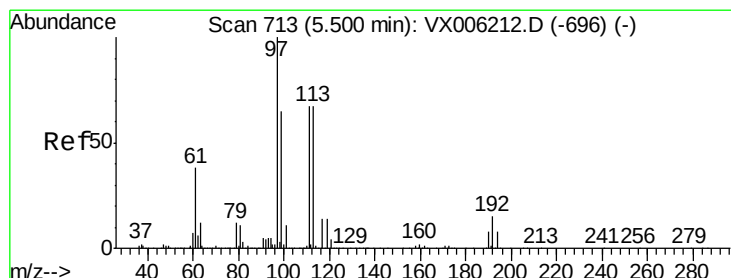
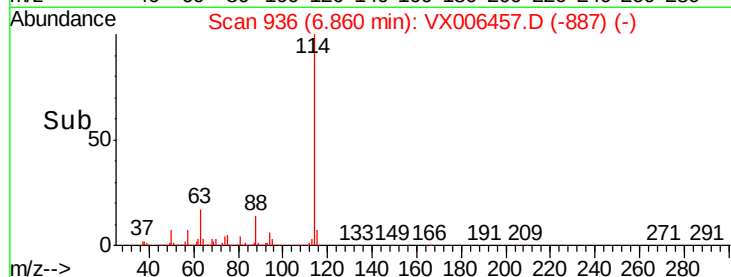
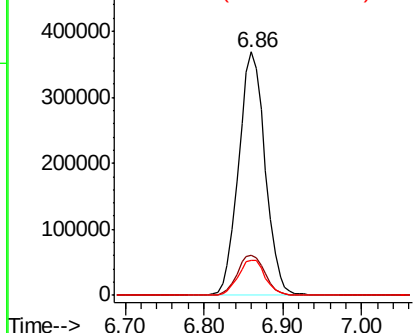
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006457.D
 Acq: 12 Dec 2018 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211MS

Tot Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	36.6
88	14.2	0.0	29.0

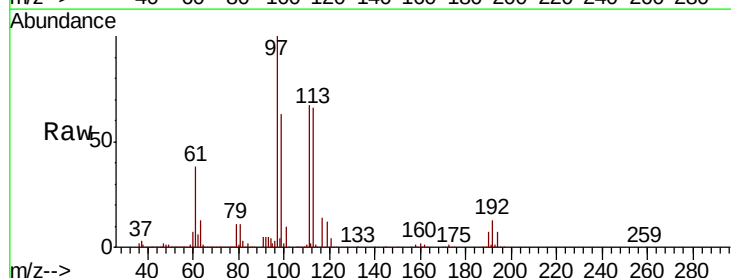


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

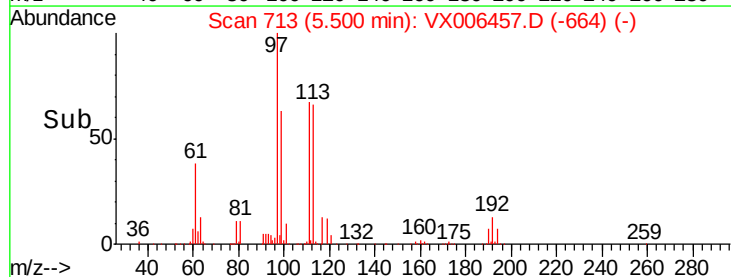
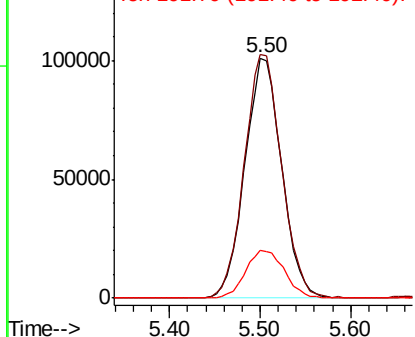


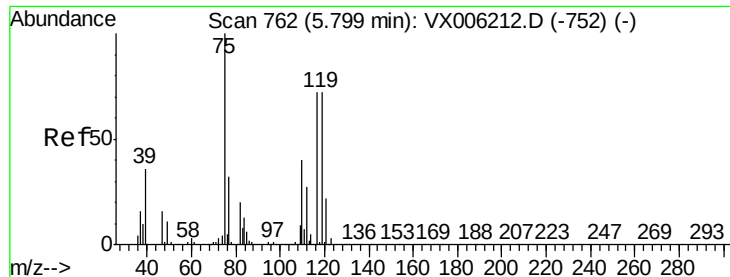
#35
 Dibromofluoromethane
 Concen: 50.571 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006457.D
 Acq: 12 Dec 2018 20:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.1	121.7
192	21.0	18.2	27.2



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

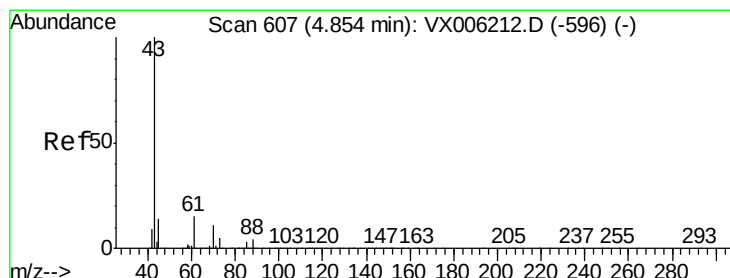
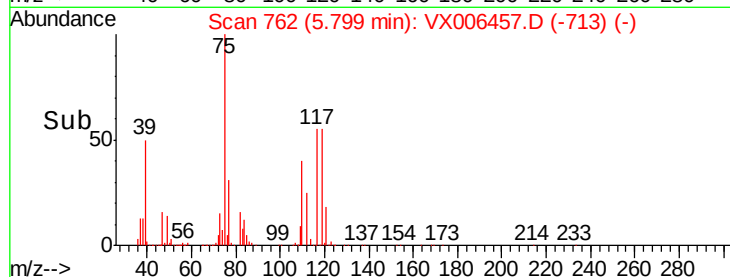
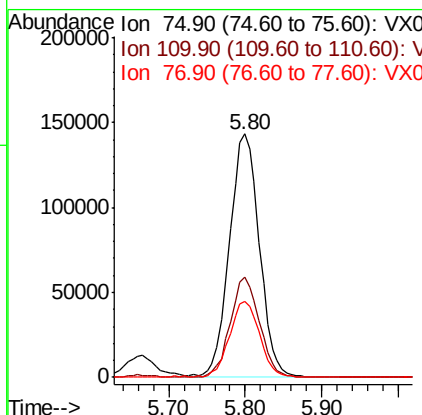
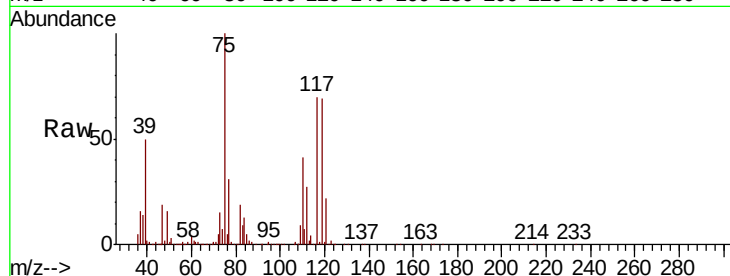




#36
 1,1-Dichloropropene
 Concen: 53.083 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX006457.D
 Acq: 12 Dec 2018 20:39

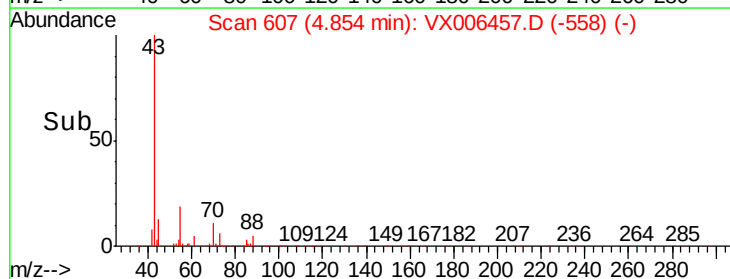
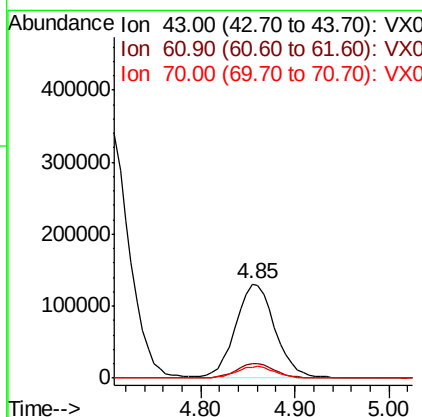
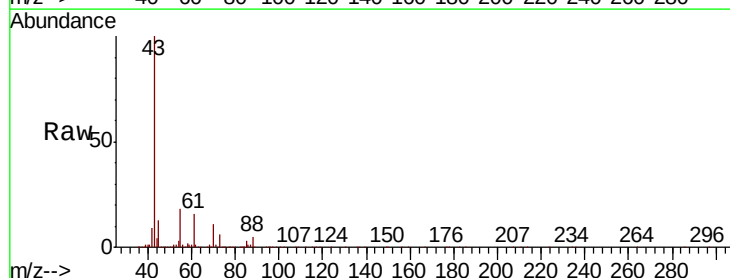
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211MS

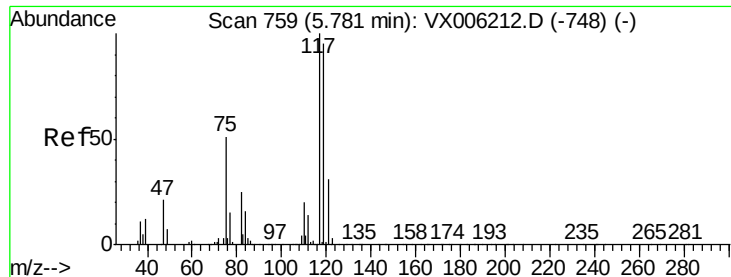
Tot Ion	Ratio	Lower	Upper
75	100		
110	40.5	20.4	61.3
77	31.2	24.9	37.3



#37
 Ethyl Acetate
 Concen: 46.538 ug/l
 RT: 4.85 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VX006457.D
 Acq: 12 Dec 2018 20:39

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.5	17.3
70	12.2	9.0	13.6

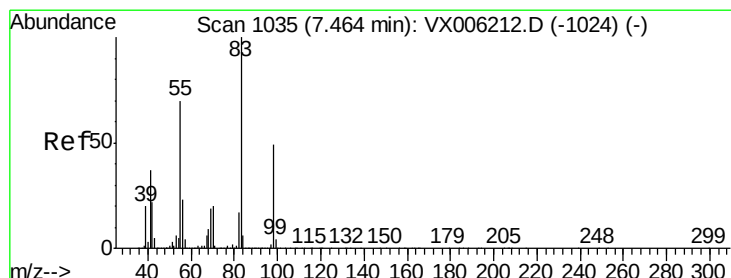
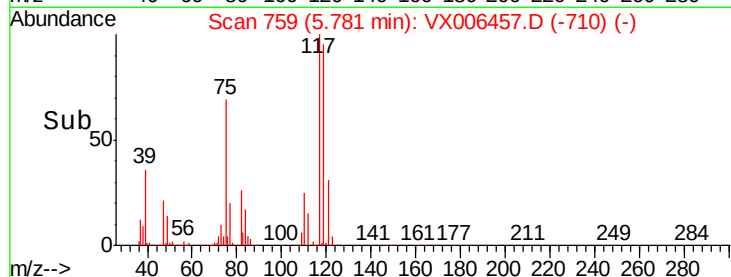
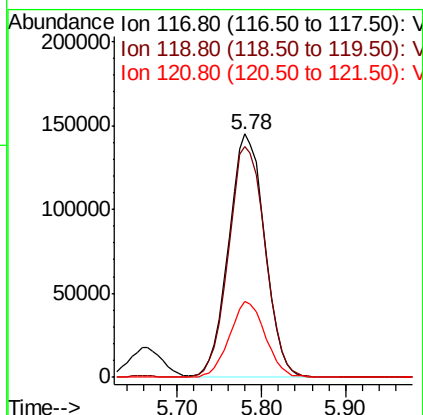
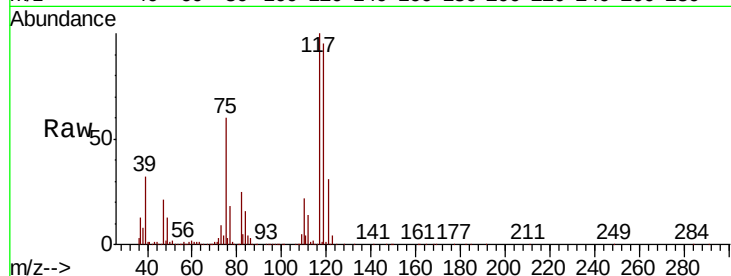




#38
Carbon Tetrachloride
Concen: 49.177 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

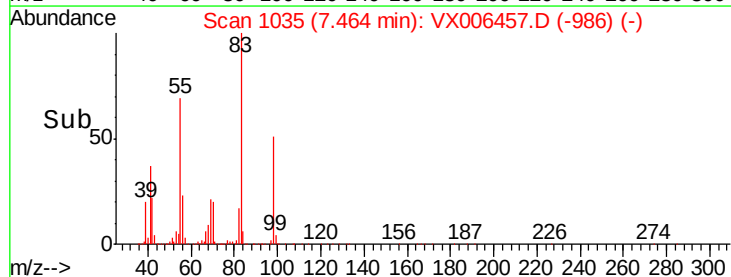
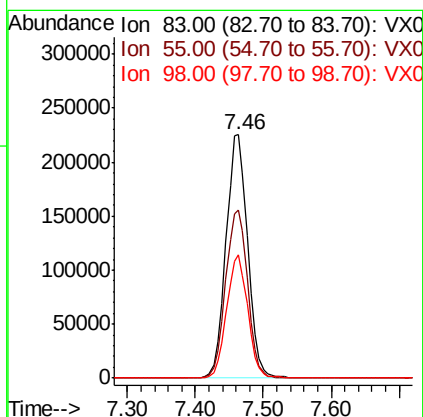
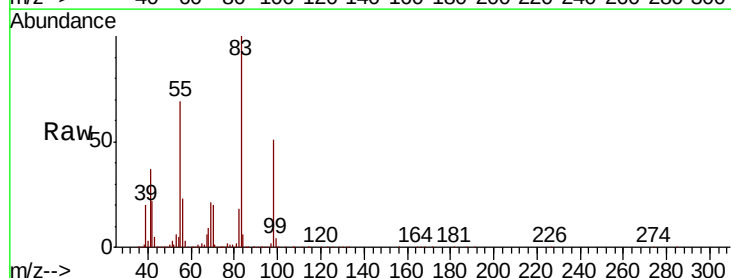
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

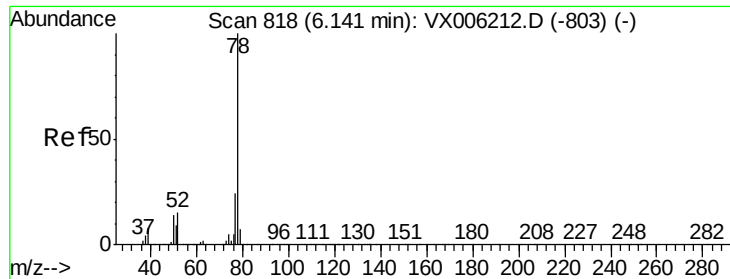
Tot Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.8	113.8
121	31.2	24.6	37.0



#39
Methylcyclohexane
Concen: 52.563 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion	Ratio	Lower	Upper
83	100		
55	69.2	56.4	84.6
98	50.6	39.0	58.6





#40

Benzene

Concen: 54.415 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

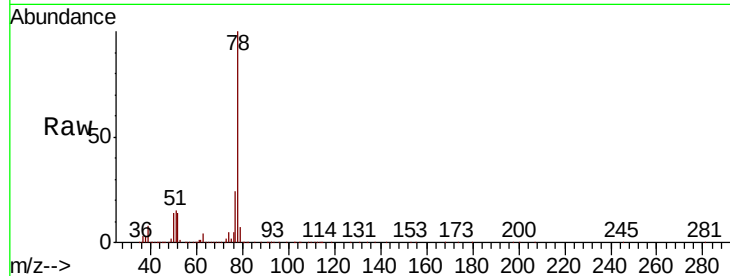
BP-TT-SW4002-20181211MS

Tot Ion: 78 Resp: 1187083

Ion Ratio Lower Upper

78 100

77 24.1 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.14

500000

400000

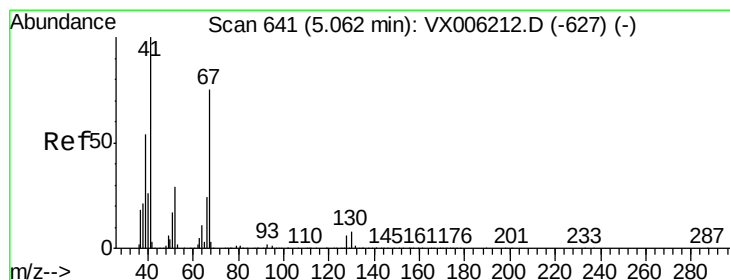
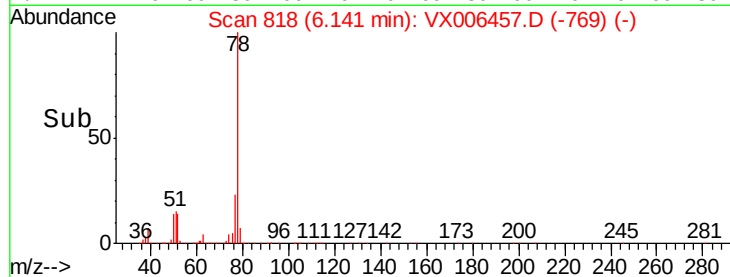
300000

200000

100000

0

Time-->



#41

Methacrylonitrile

Concen: 48.905 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Tgt Ion: 41 Resp: 219499

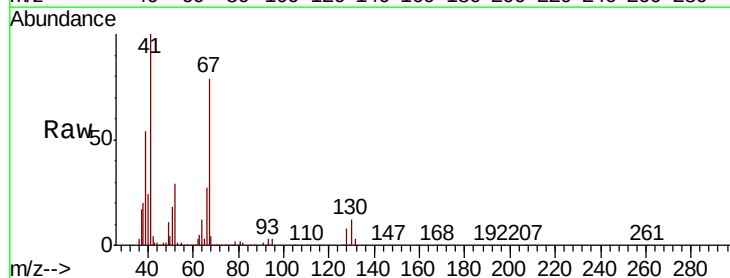
Ion Ratio Lower Upper

41 100

39 55.8 44.0 66.0

67 80.1 61.4 92.0

52 29.9 23.5 35.3



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

200000

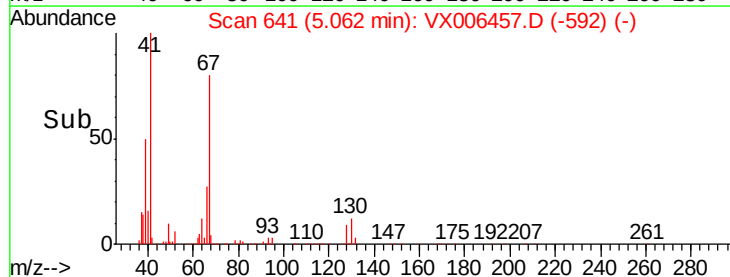
150000

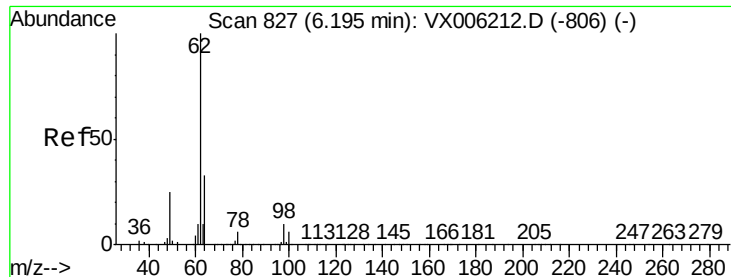
100000

50000

0

Time-->





#42

1,2-Dichloroethane

Concen: 54.861 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

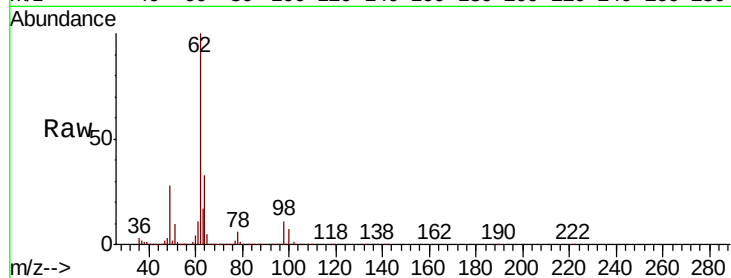
BP-TT-SW4002-20181211MS

Tot Ion: 62 Resp: 391692

Ion Ratio Lower Upper

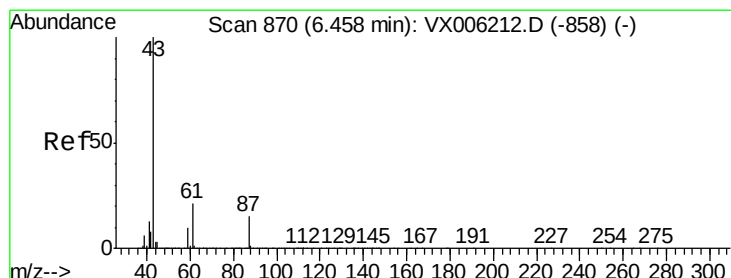
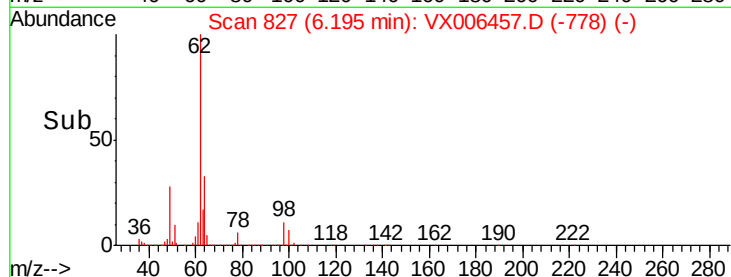
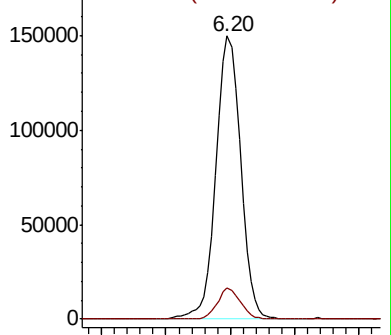
62 100

98 10.2 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#43

Isopropyl Acetate

Concen: 47.091 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

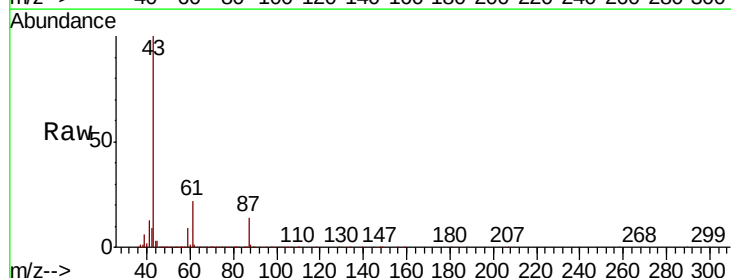
Tgt Ion: 43 Resp: 640423

Ion Ratio Lower Upper

43 100

61 21.5 16.8 25.2

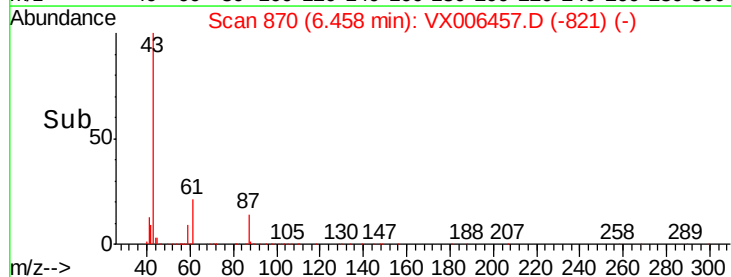
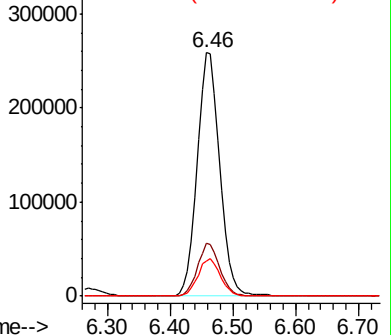
87 15.2 11.9 17.9

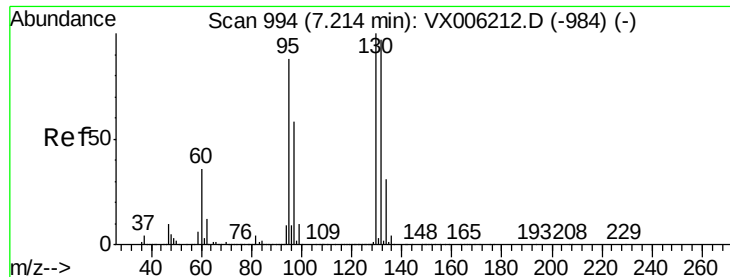


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 52.357 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

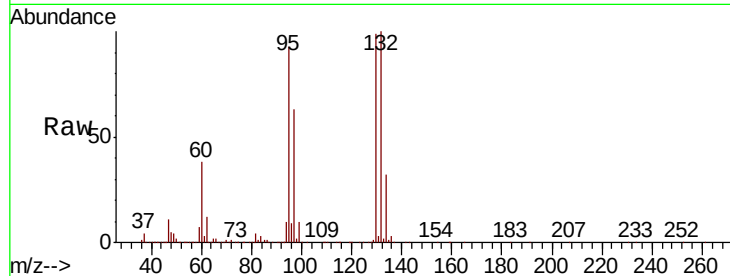
BP-TT-SW4002-20181211MS

Tot Ion:130 Resp: 346015

Ion Ratio Lower Upper

130 100

95 93.6 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

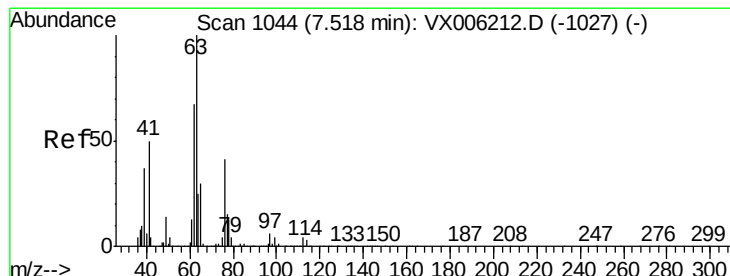
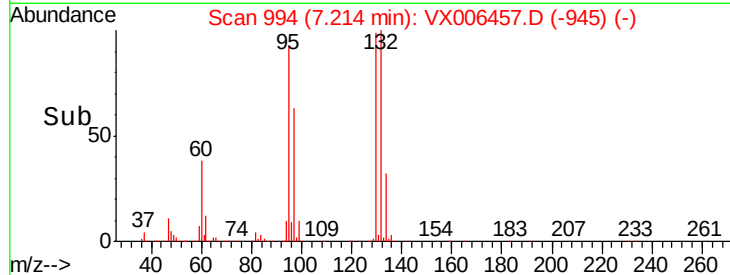
150000

100000

50000

0

Time-->



#45

1,2-Dichloropropane

Concen: 52.236 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006457.D

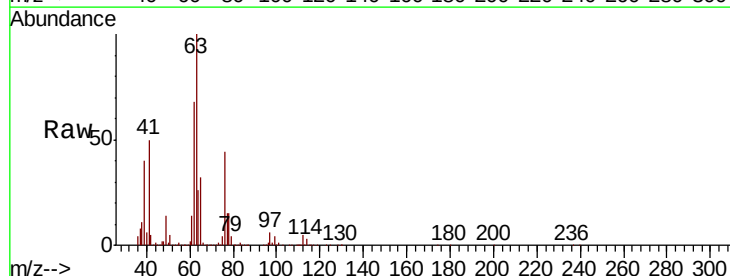
Acq: 12 Dec 2018 20:39

Tgt Ion: 63 Resp: 289620

Ion Ratio Lower Upper

63 100

65 31.8 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

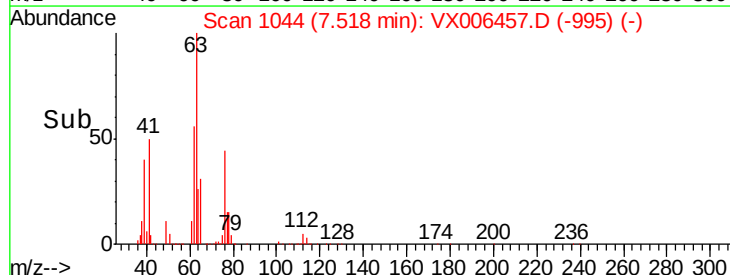
150000

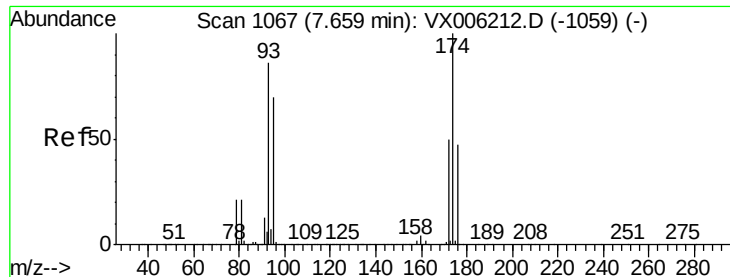
100000

50000

0

Time-->





#46

Dibromomethane

Concen: 53.536 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MS

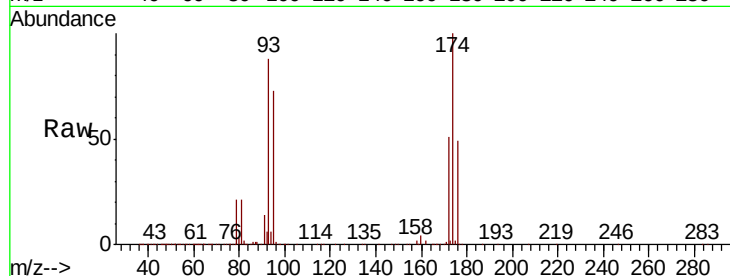
Tot Ion: 93 Resp: 214374

Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

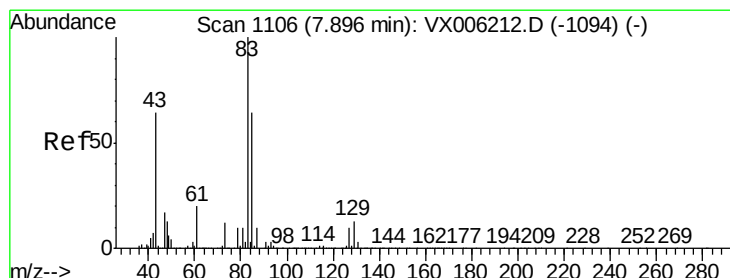
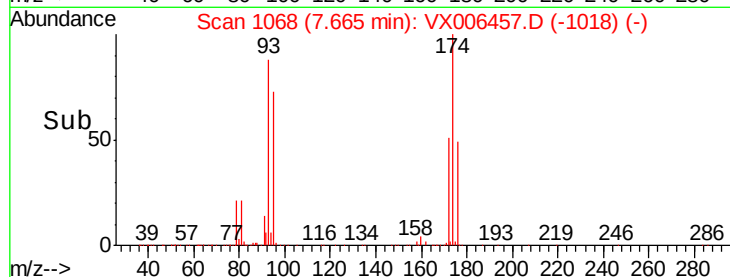
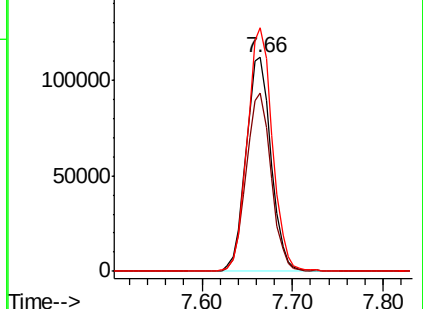
174 113.6 97.2 145.8



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: 49.524 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

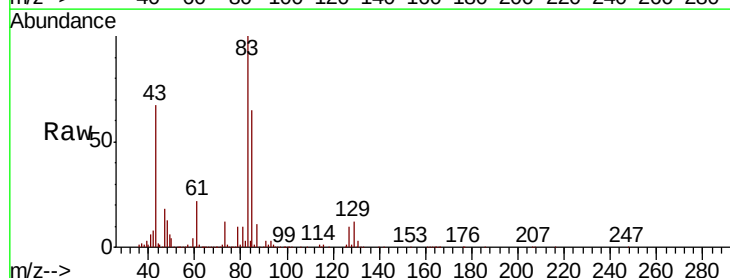
Tgt Ion: 83 Resp: 384030

Ion Ratio Lower Upper

83 100

85 64.8 51.4 77.0

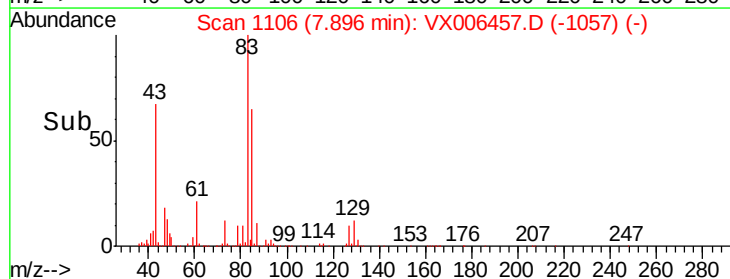
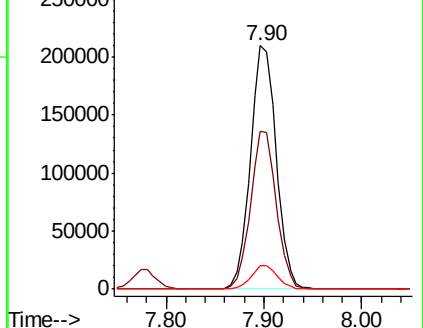
127 9.6 7.9 11.9

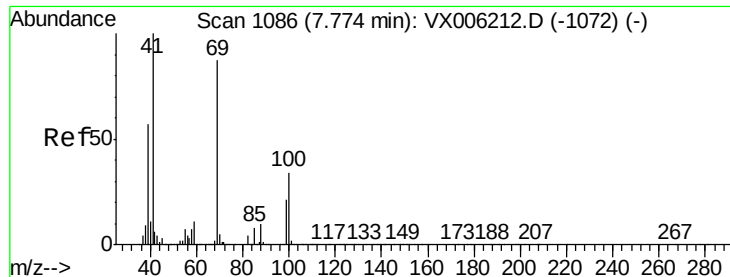


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

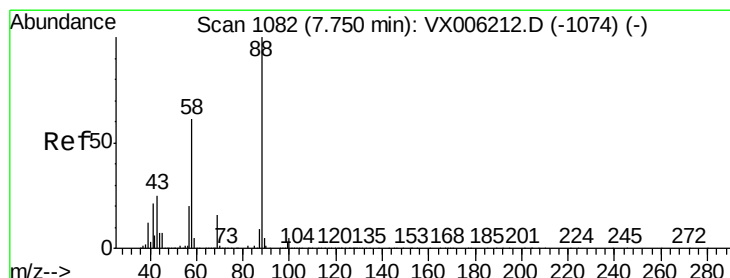
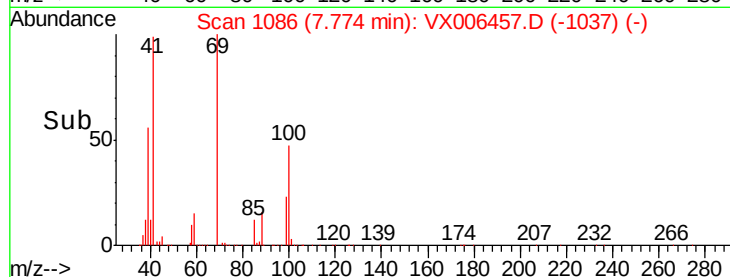
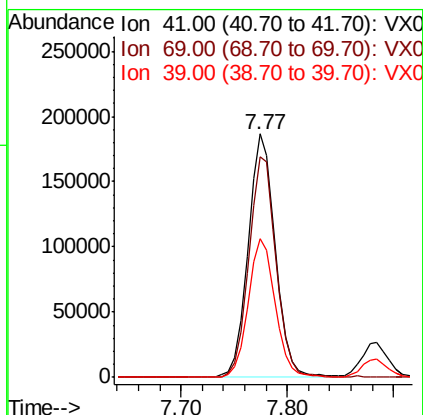
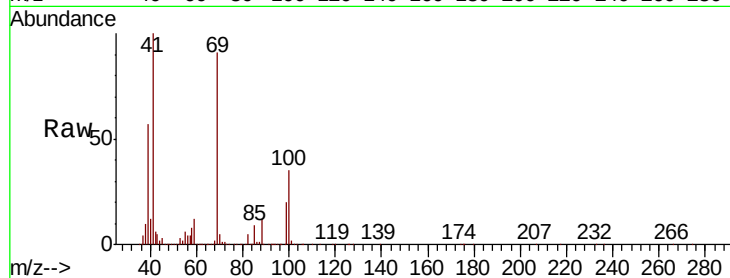




#48
Methvl methacrylate
Concen: 50.083 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

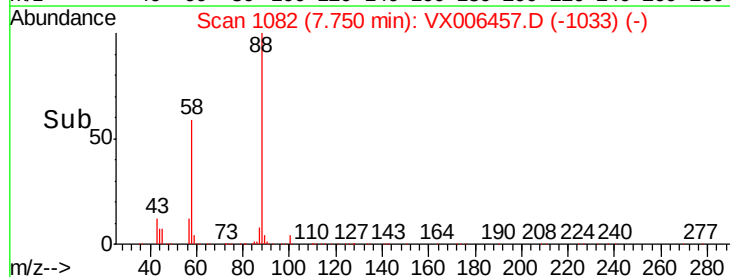
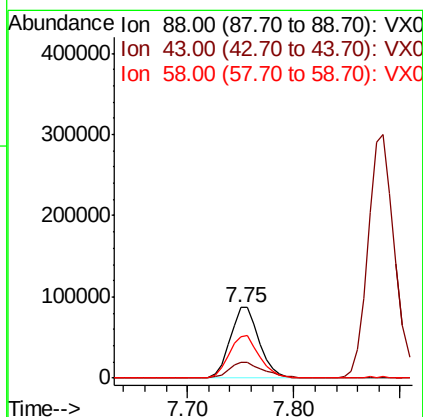
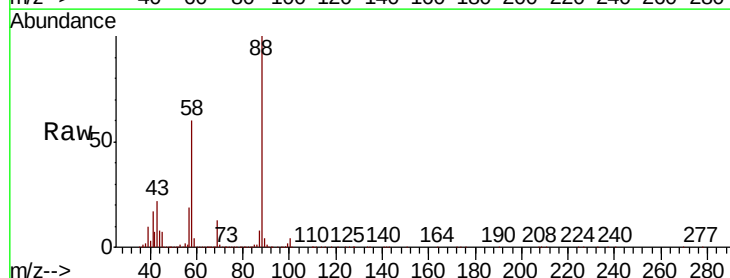
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

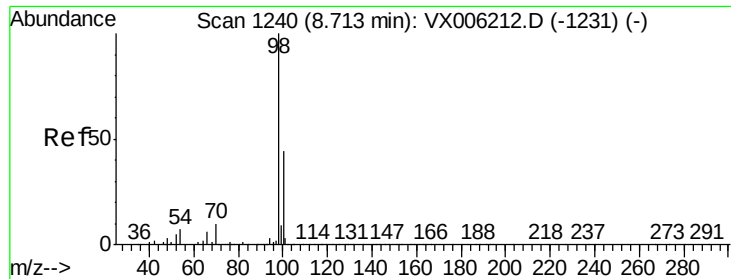
Tot Ion	Ratio	Lower	Upper
41	100		
69	91.4	70.3	105.5
39	56.8	45.3	67.9



#49
1,4-Dioxane
Concen: 1024.732 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion	Ratio	Lower	Upper
88	100		
43	26.6	23.2	34.8
58	63.3	51.4	77.0

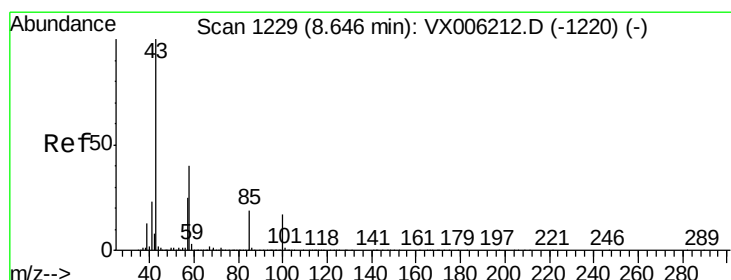
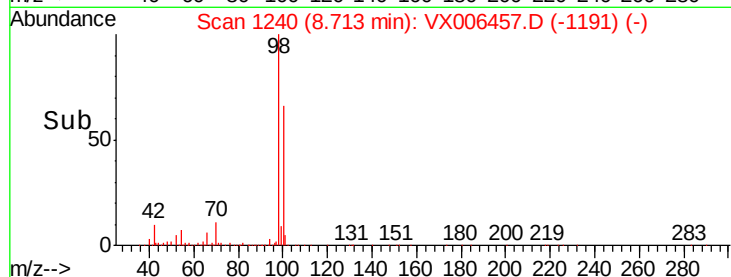
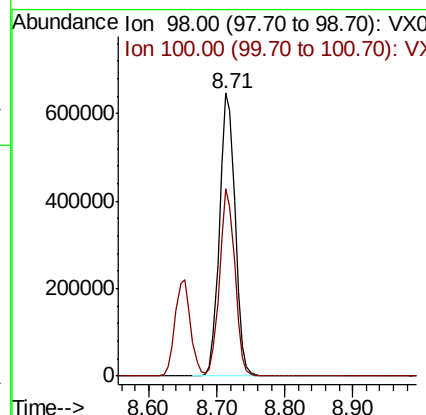
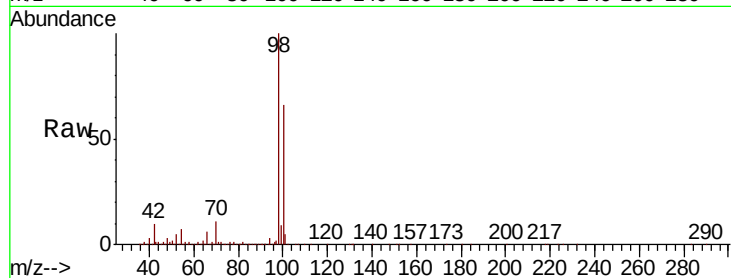




#50
Toluene-d8
Concen: 50.717 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

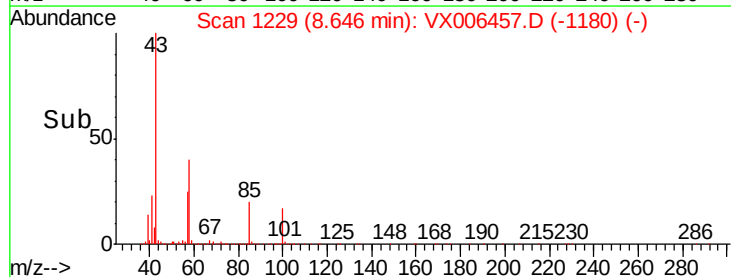
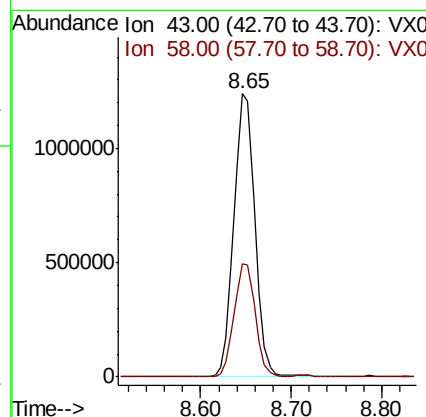
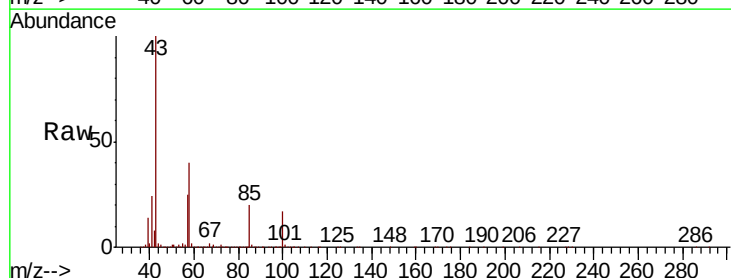
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

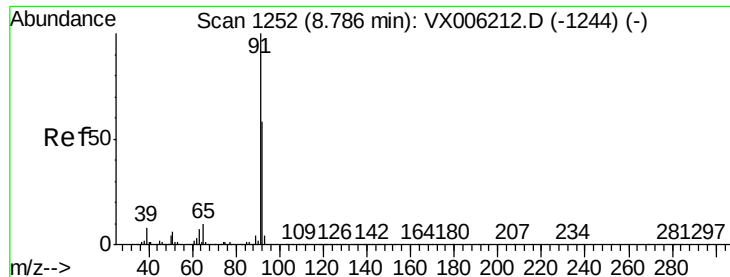
Tot Ion: 98 Resp: 1033100
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 252.281 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion: 43 Resp: 1997302
Ion Ratio Lower Upper
43 100
58 40.0 31.3 46.9





#52

Toluene

Concen: 54.909 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

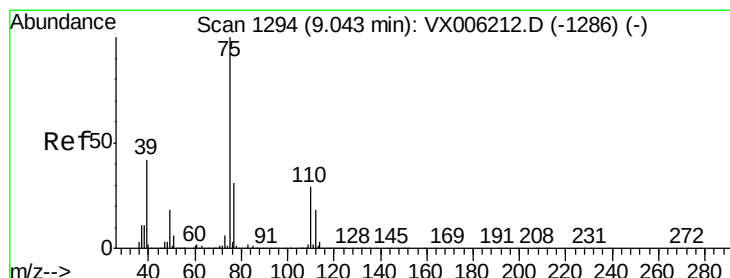
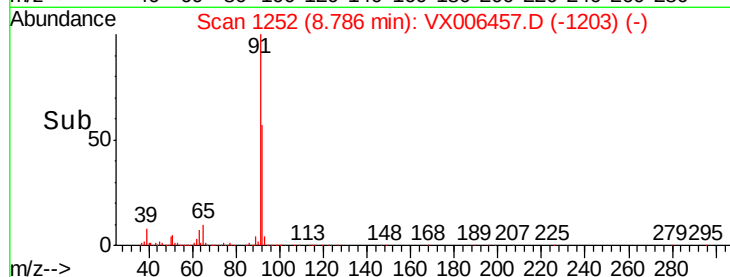
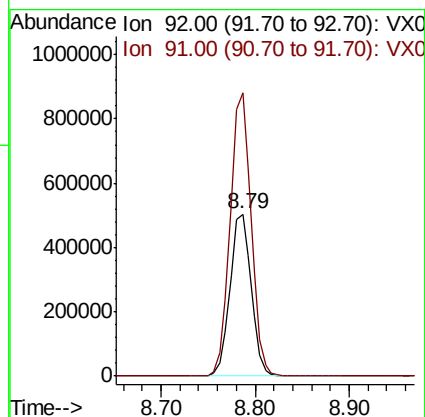
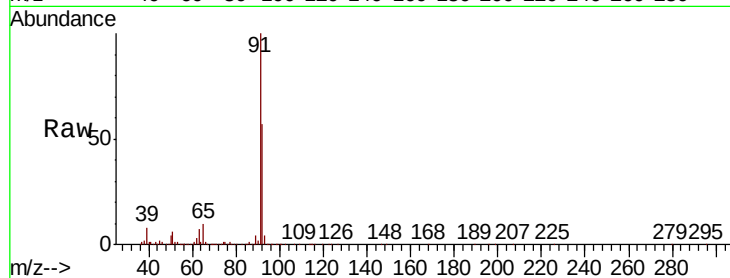
BP-TT-SW4002-20181211MS

Tot Ion: 92 Resp: 788058

Ion Ratio Lower Upper

92 100

91 173.3 139.2 208.8



#53

t-1,3-Dichloropropene

Concen: 46.220 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006457.D

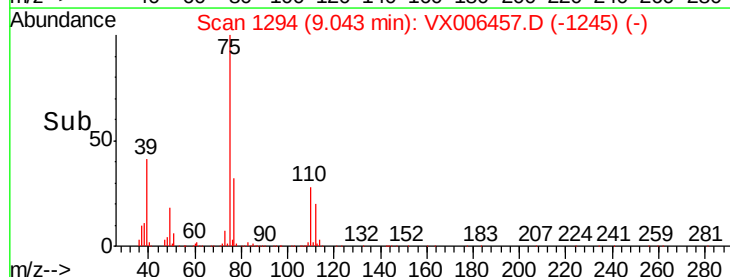
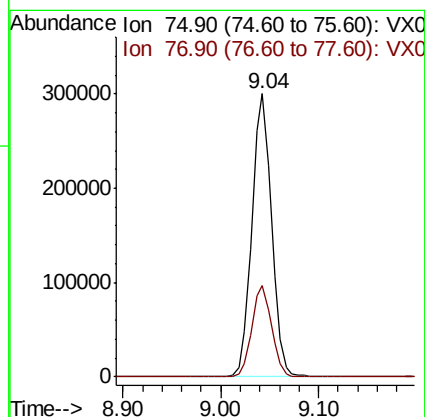
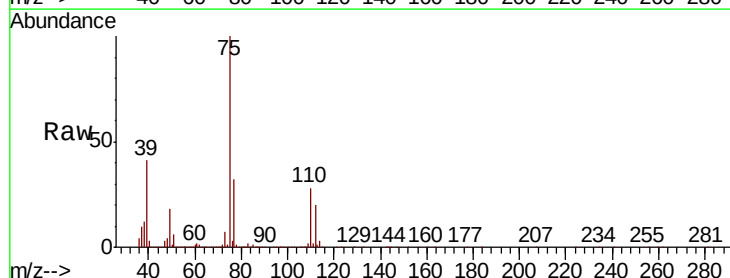
Acq: 12 Dec 2018 20:39

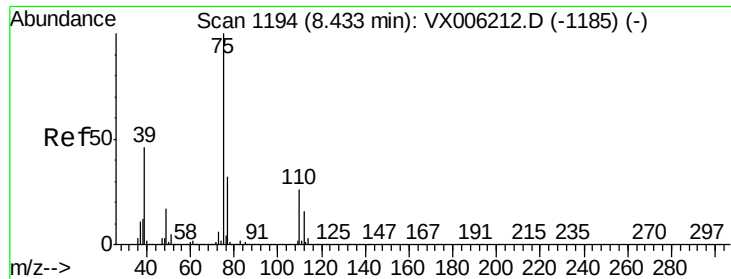
Tgt Ion: 75 Resp: 419159

Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.4



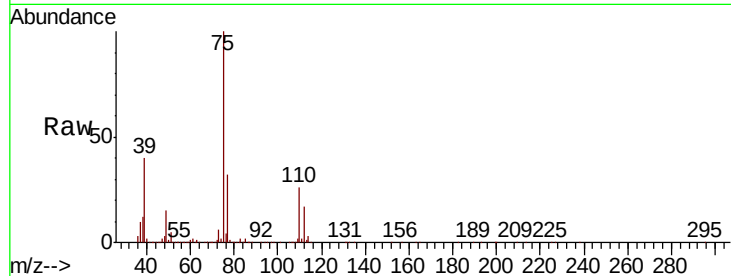


#54

cis-1,3-Dichloropropene
Concen: 48.542 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.6	38.4
39	40.4	36.5	54.7

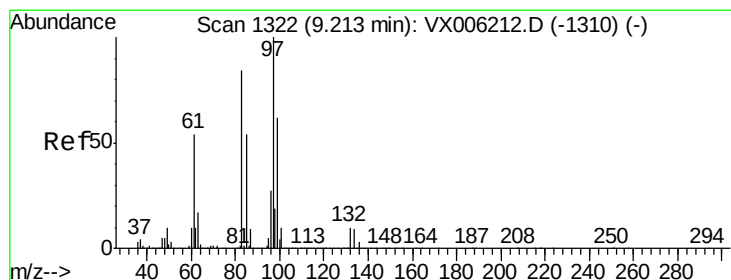
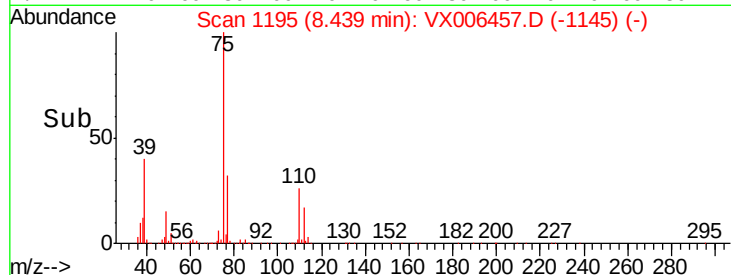
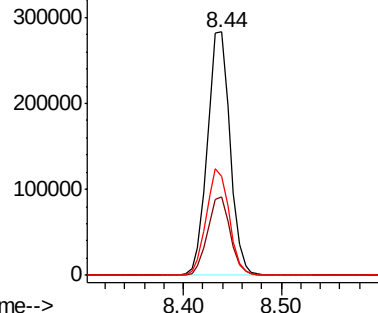


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

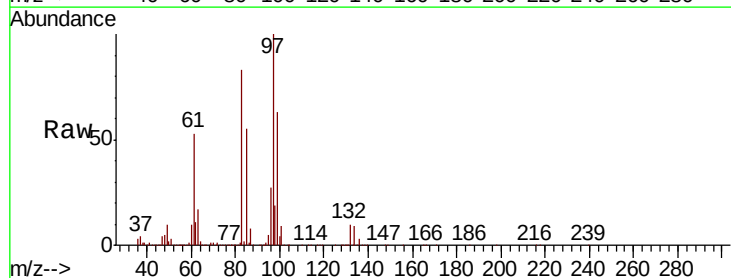
Ion 39.00 (38.70 to 39.70): VX0



#55

1,1,2-Trichloroethane
Concen: 54.873 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.7	67.1	100.7
85	54.5	43.2	64.8
99	63.4	49.8	74.6



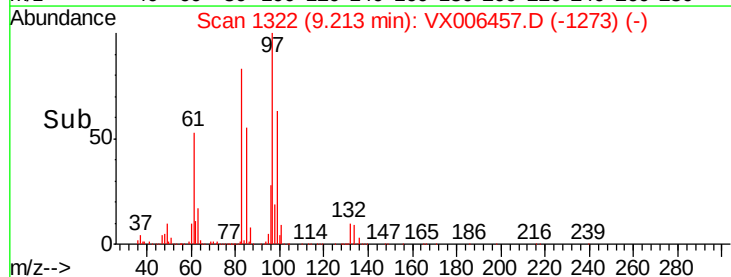
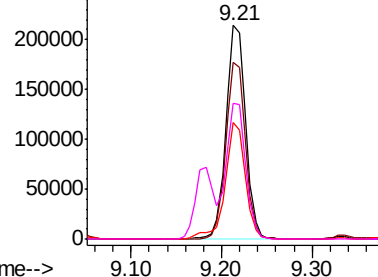
Abundance

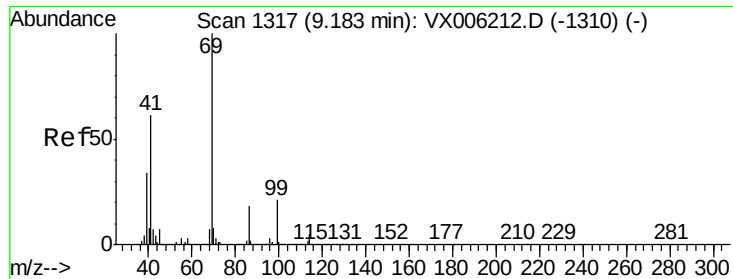
Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 51.779 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MS

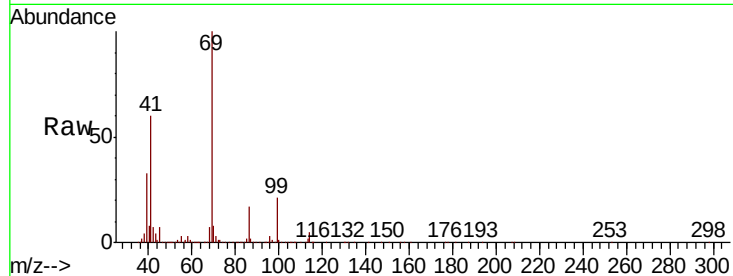
Tot Ion: 69 Resp: 471975

Ion Ratio Lower Upper

69 100

41 61.0 50.6 76.0

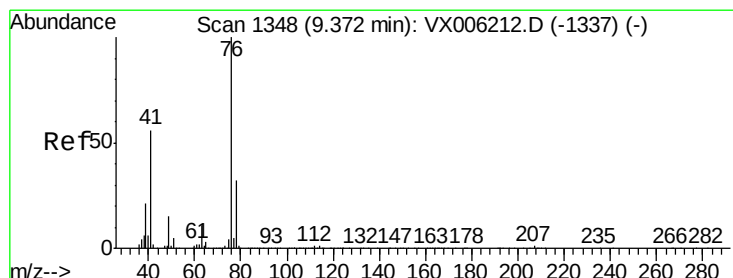
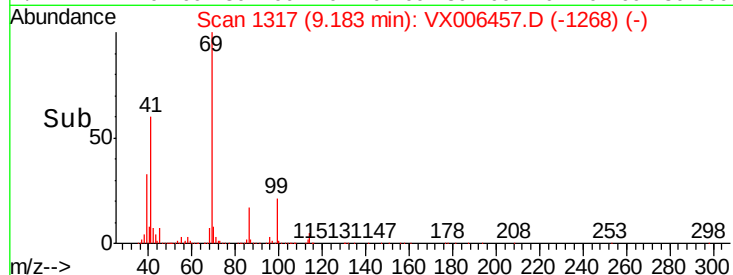
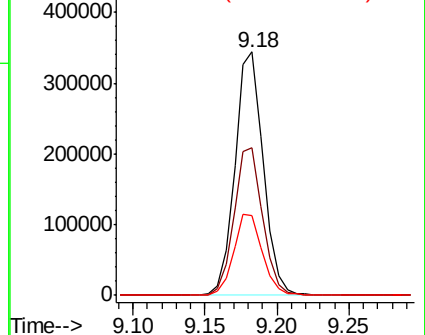
39 33.6 27.6 41.4



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: 54.582 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006457.D

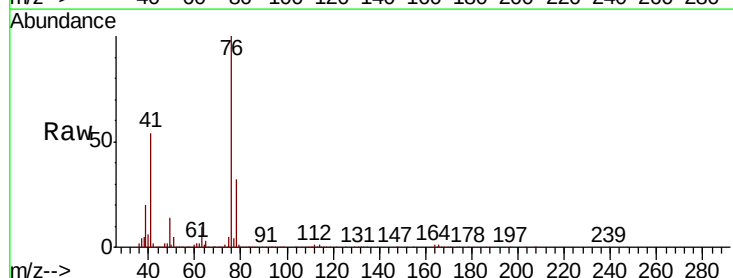
Acq: 12 Dec 2018 20:39

Tgt Ion: 76 Resp: 503250

Ion Ratio Lower Upper

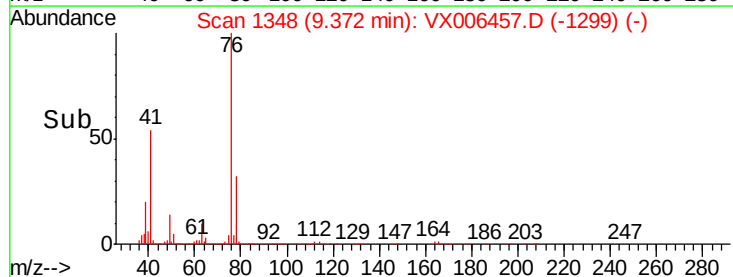
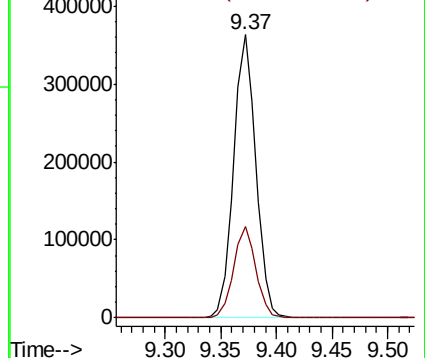
76 100

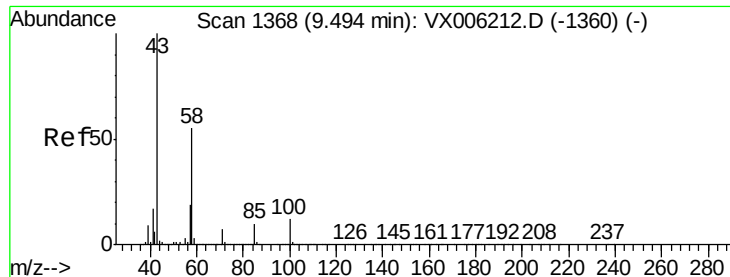
78 32.3 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

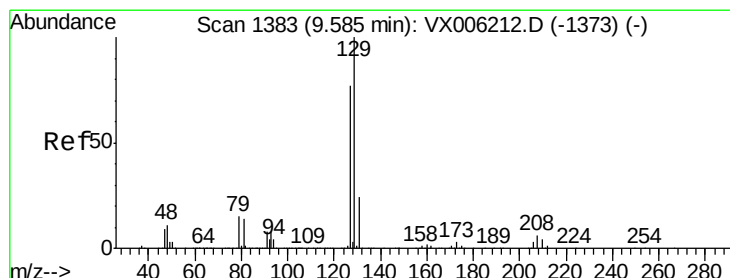
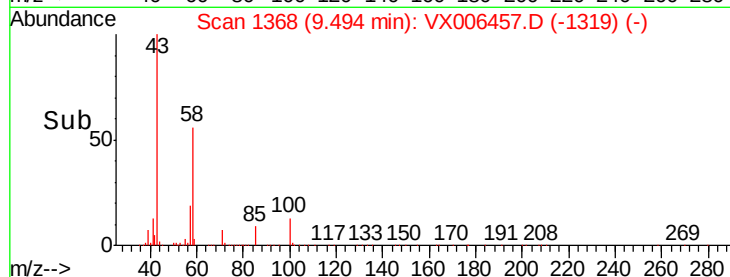
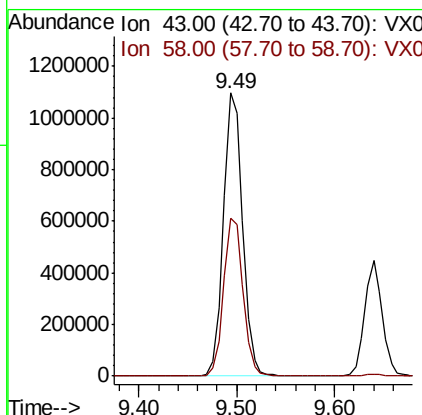
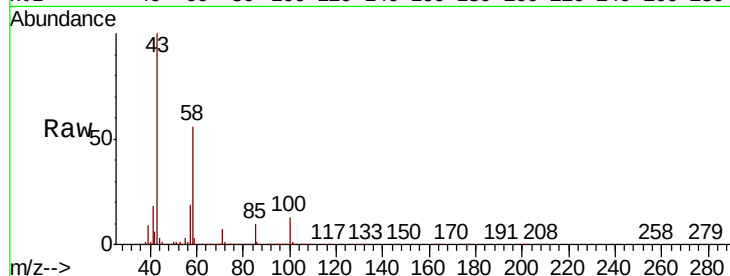




#59
2-Hexanone
Concen: 247.203 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

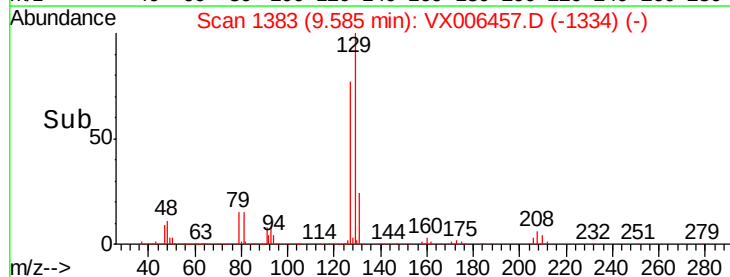
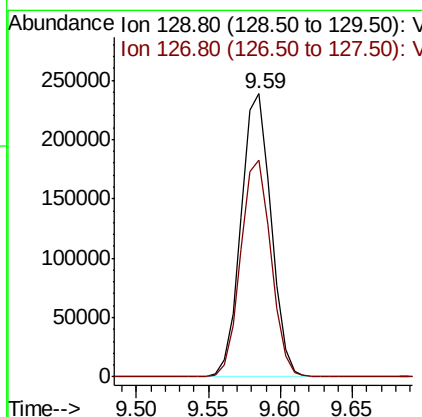
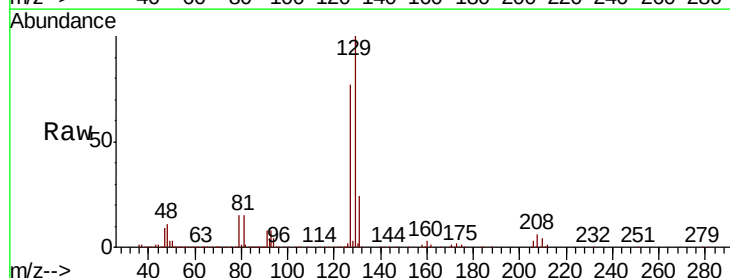
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

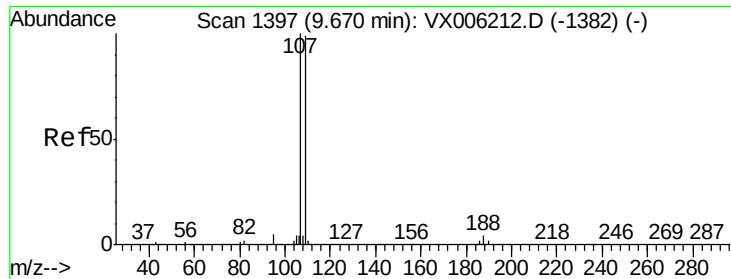
Tot Ion: 43 Resp: 1495229
Ion Ratio Lower Upper
43 100
58 56.6 27.7 83.1



#60
Dibromochloromethane
Concen: 47.988 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion: 129 Resp: 345022
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 53.299 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

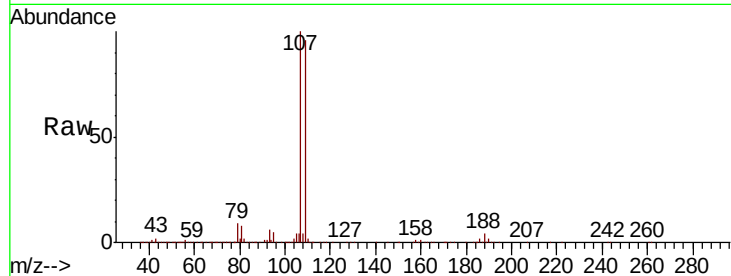
BP-TT-SW4002-20181211MS

Tot Ion:107 Resp: 347486

Ion Ratio Lower Upper

107 100

109 95.9 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

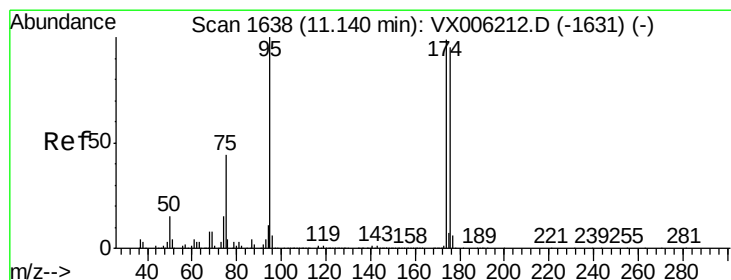
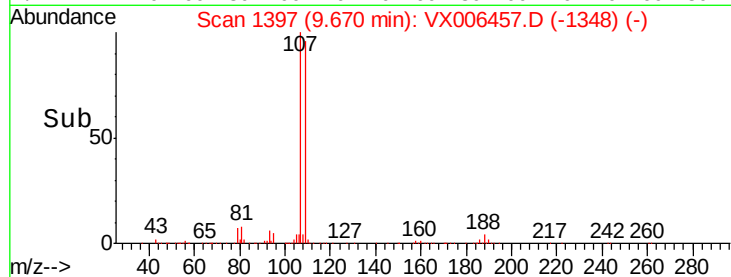
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.709 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

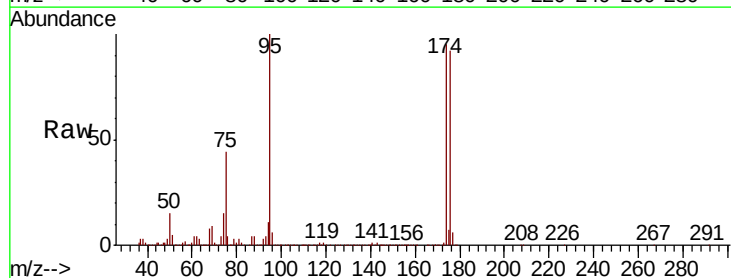
Tgt Ion: 95 Resp: 389242

Ion Ratio Lower Upper

95 100

174 90.8 0.0 187.0

176 87.7 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

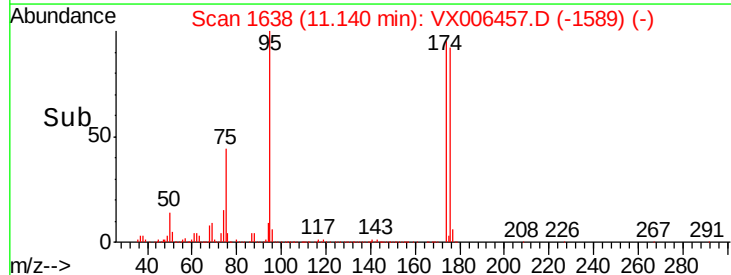
300000

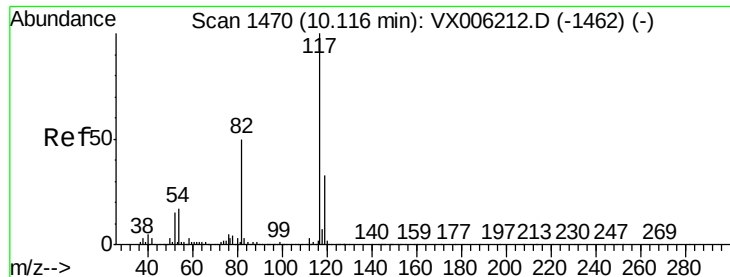
200000

100000

0

Time--> 11.10 11.14 11.18 11.22

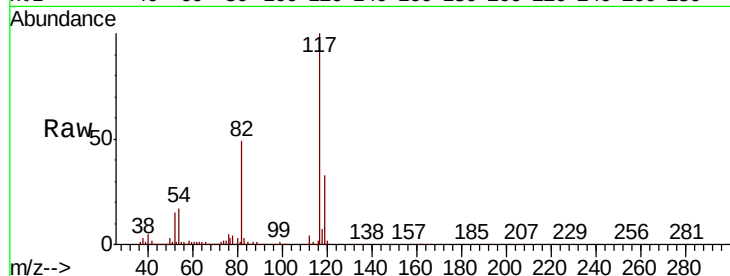




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.7	39.6	59.4
119	32.8	26.3	39.5

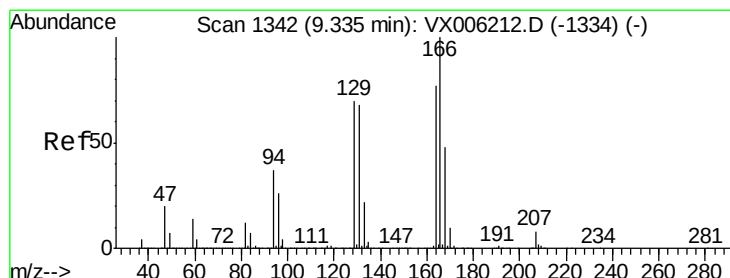
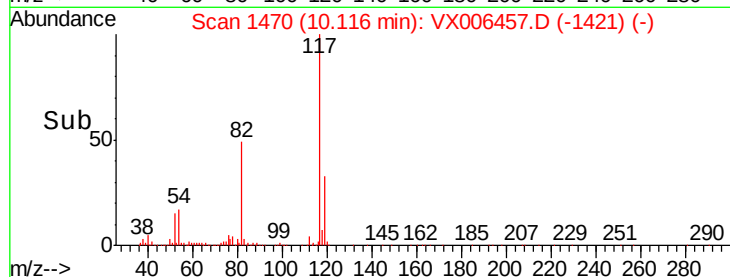
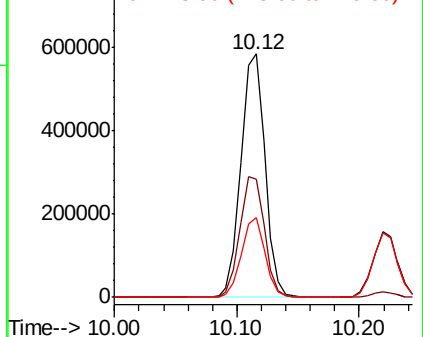


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 51.733 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	104.2	156.2
129	91.3	72.6	108.8
131	88.0	70.3	105.5

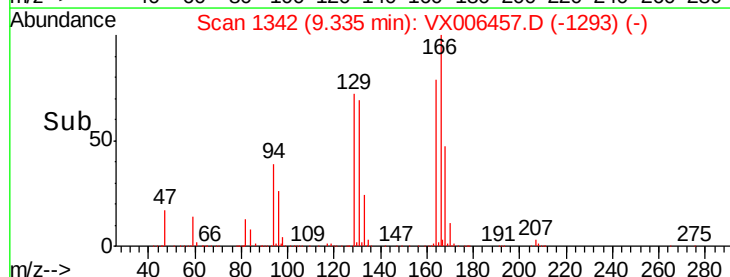
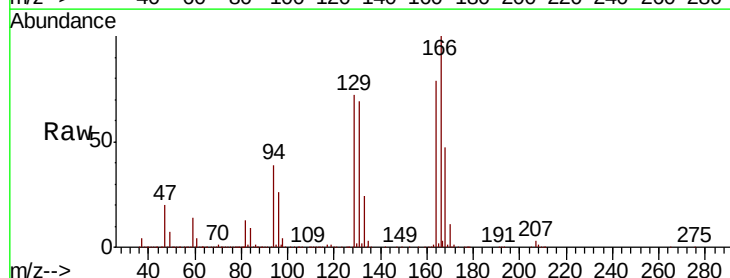
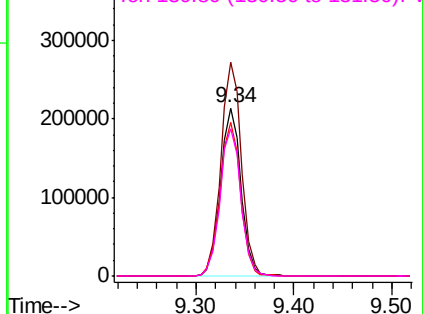
Abundance

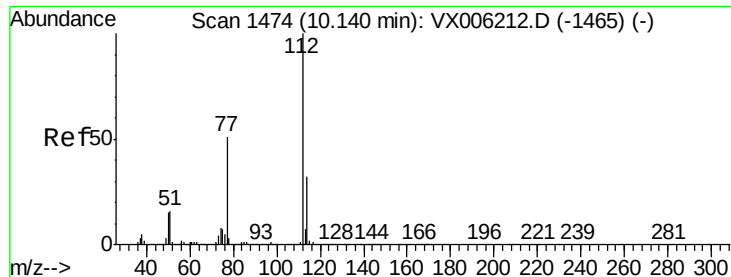
Ion 163.80 (163.50 to 164.50): V

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

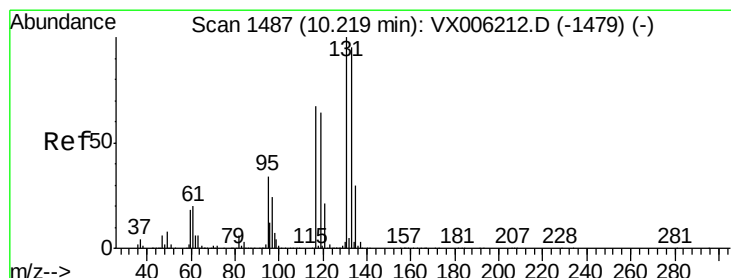
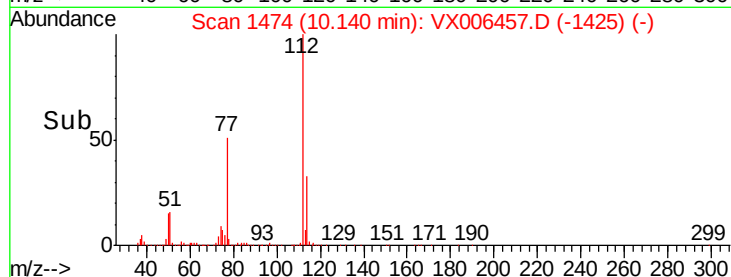
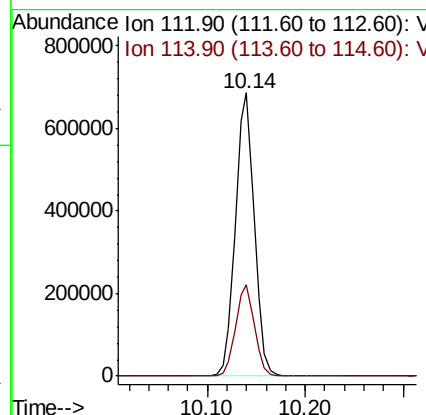
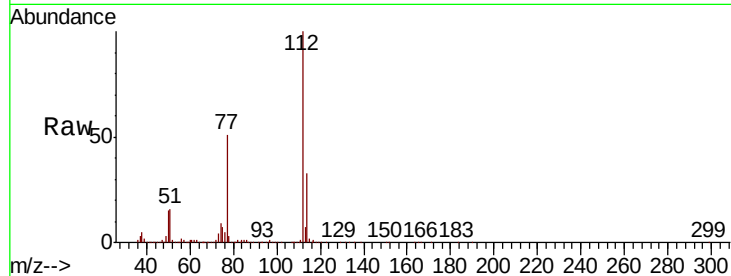




#65
Chlorobenzene
Concen: 54.178 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

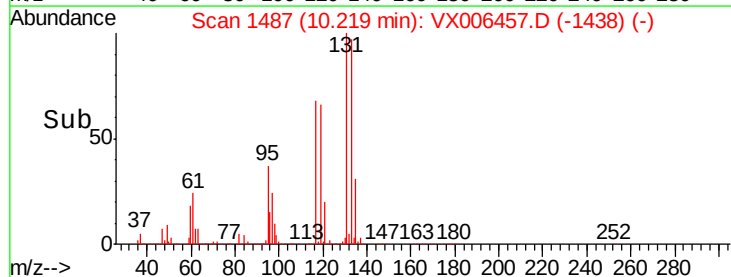
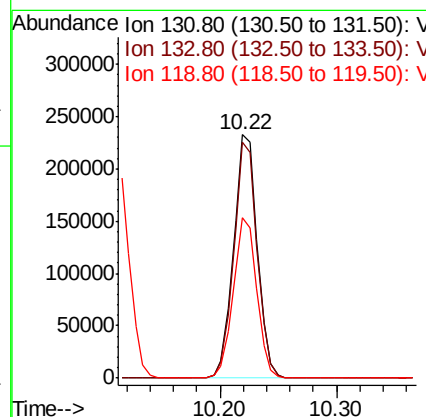
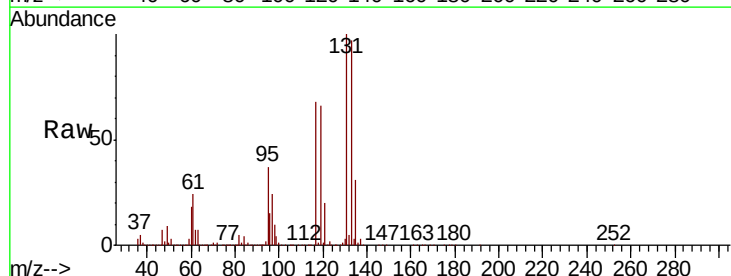
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

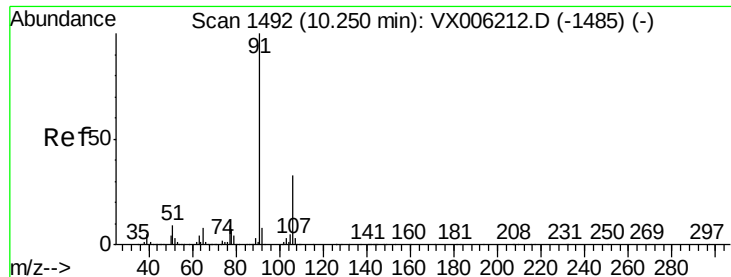
Tot Ion:112 Resp: 916459
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 50.101 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion:131 Resp: 329283
Ion Ratio Lower Upper
131 100
133 95.7 48.1 144.4
119 65.4 32.1 96.3





#67

Ethyl Benzene

Concen: 53.567 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

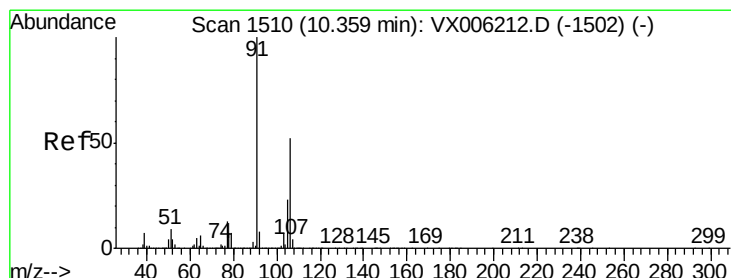
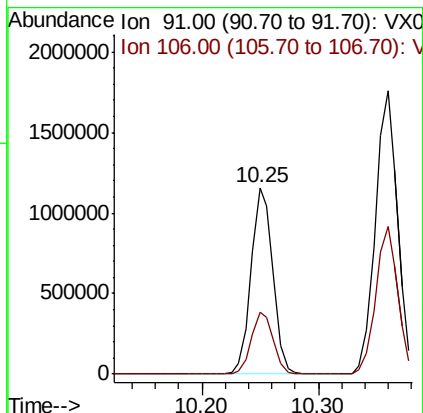
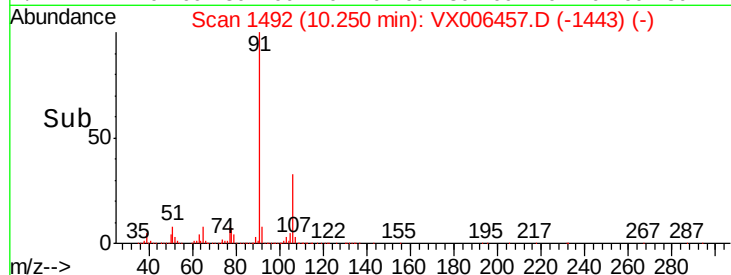
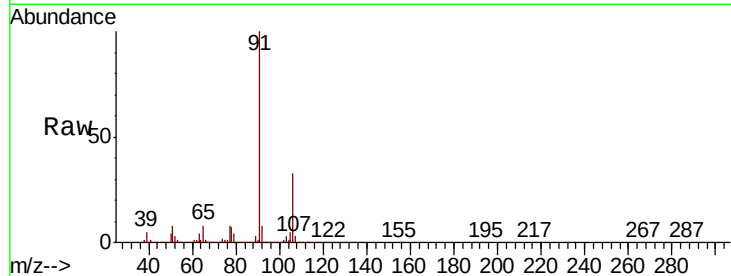
BP-TT-SW4002-20181211MS

Tot Ion: 91 Resp: 1507047

Ion Ratio Lower Upper

91 100

106 33.0 26.5 39.7



#68

m/p-Xylenes

Concen: 106.844 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006457.D

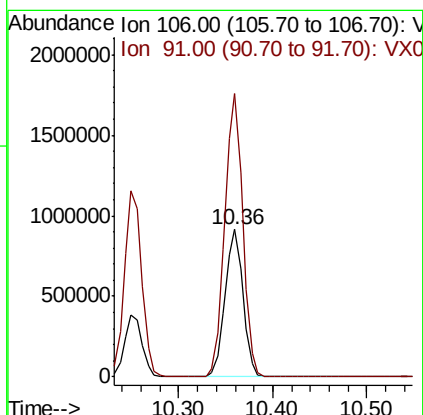
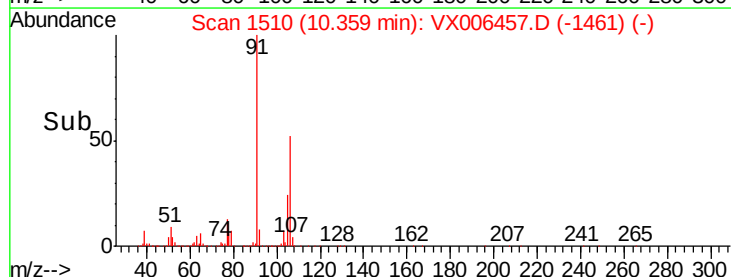
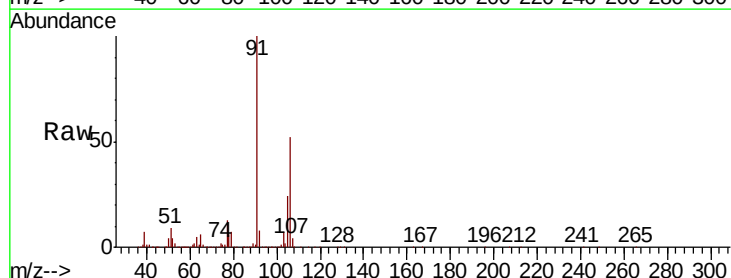
Acq: 12 Dec 2018 20:39

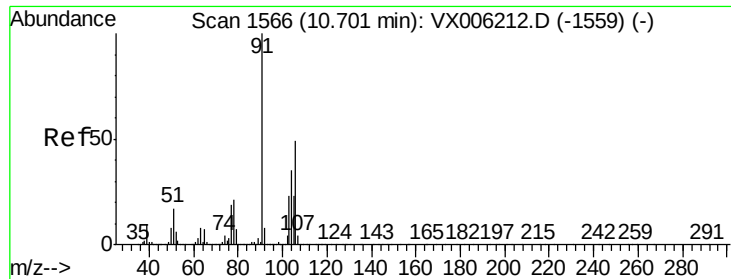
Tgt Ion: 106 Resp: 1204098

Ion Ratio Lower Upper

106 100

91 193.0 155.2 232.8

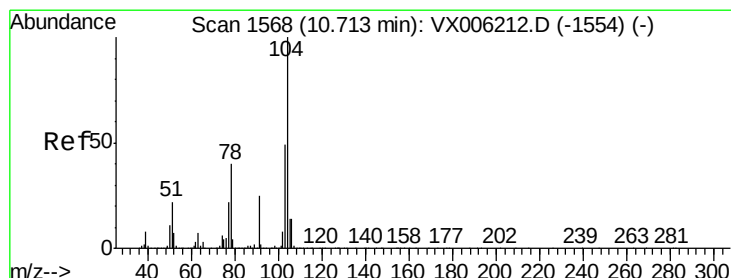
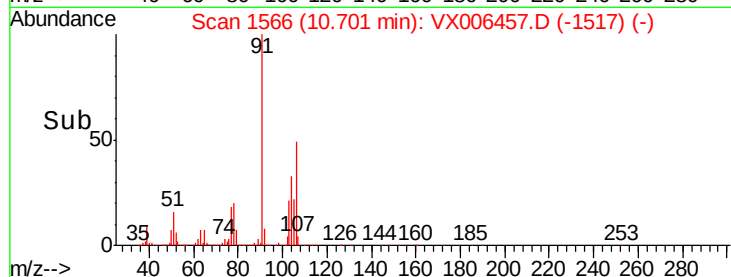
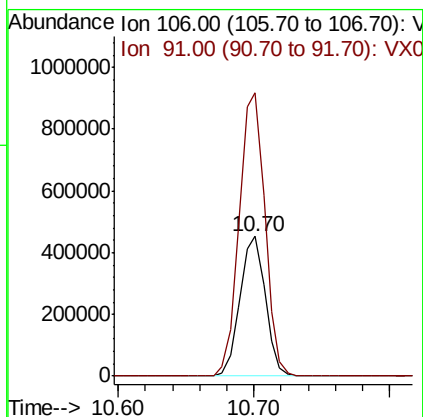
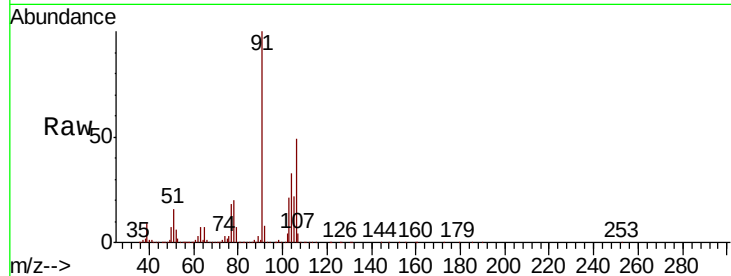




#69
o-Xylene
Concen: 53.018 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

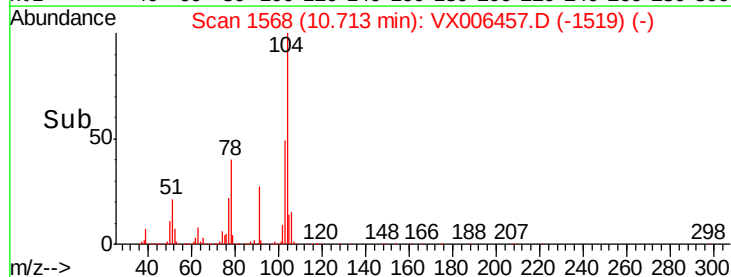
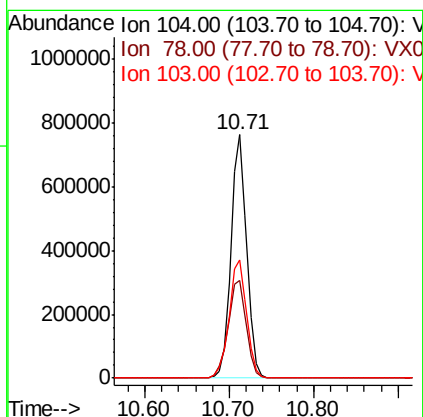
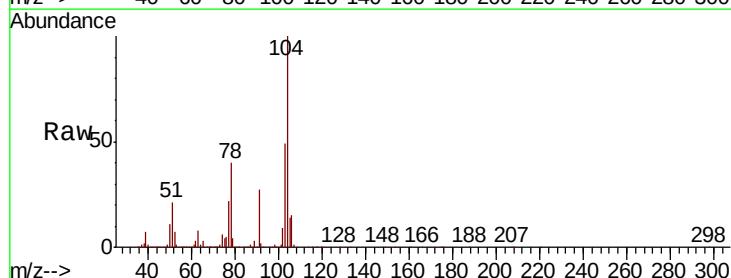
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

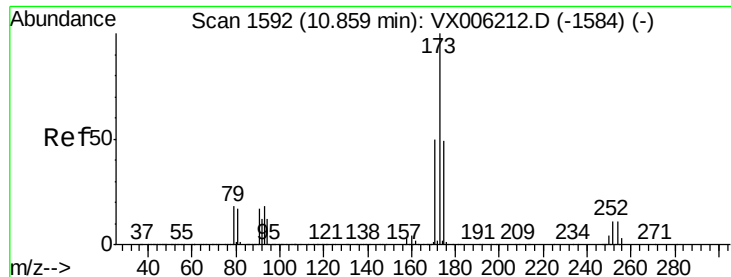
Tot Ion:106 Resp: 590191
Ion Ratio Lower Upper
106 100
91 204.9 101.8 305.6



#70
Styrene
Concen: 52.761 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion:104 Resp: 949917
Ion Ratio Lower Upper
104 100
78 46.9 37.2 55.8
103 54.8 43.5 65.3

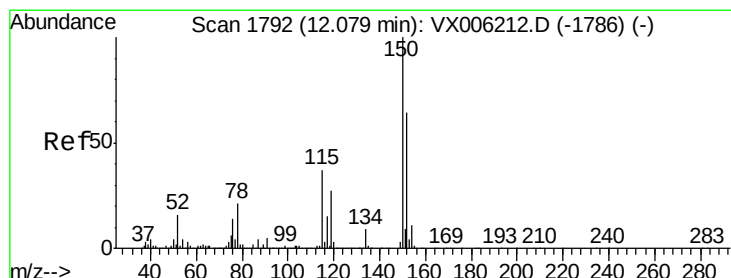
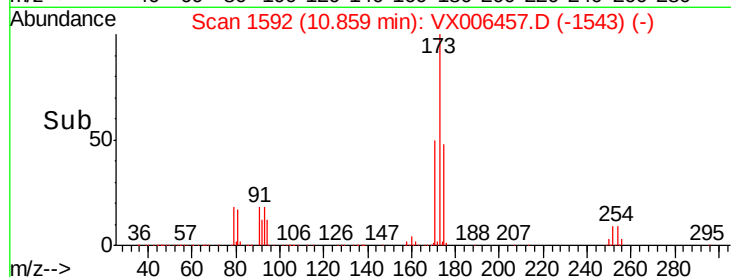
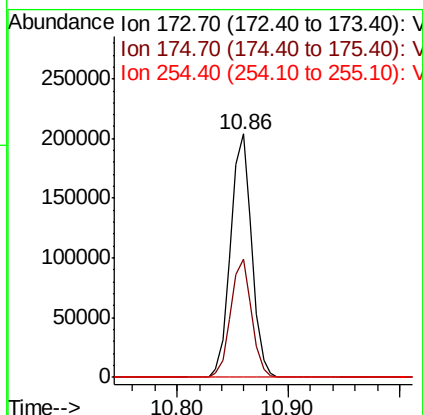
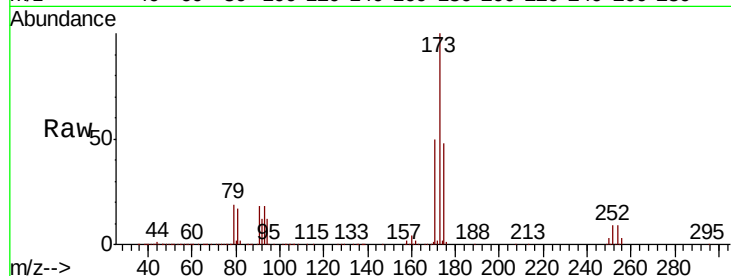




#71
Bromoform
Concen: 42.934 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

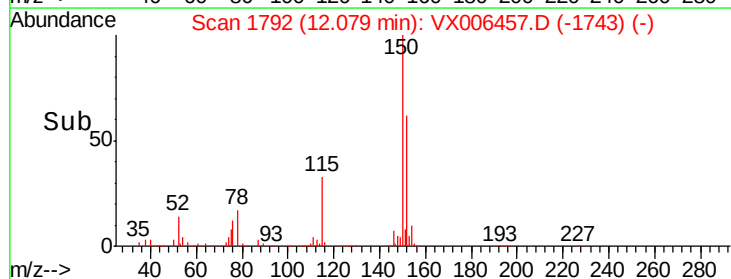
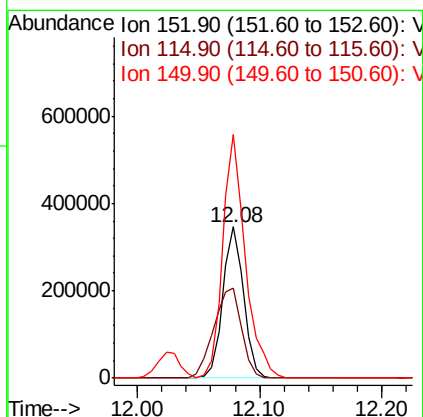
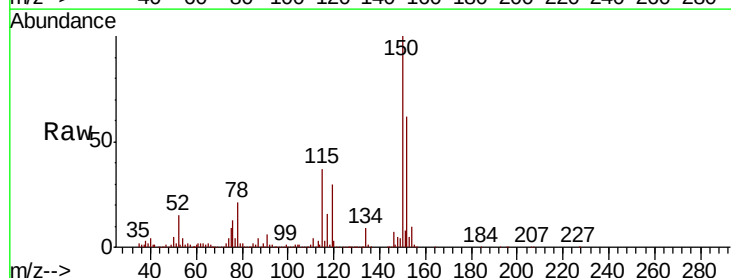
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

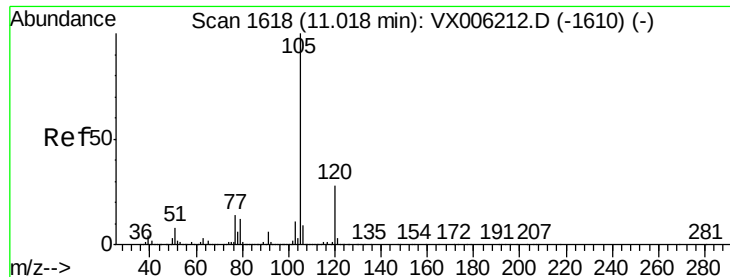
Tot Ion:173 Resp: 266371
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.8
254 0.2 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion:152 Resp: 404825
Ion Ratio Lower Upper
152 100
115 80.3 39.0 116.9
150 175.8 0.0 345.8





#73

Isopropylbenzene

Concen: 55.811 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

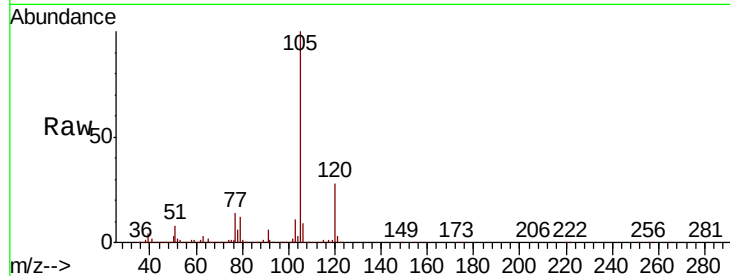
BP-TT-SW4002-20181211MS

Tot Ion:105 Resp: 1560285

Ion Ratio Lower Upper

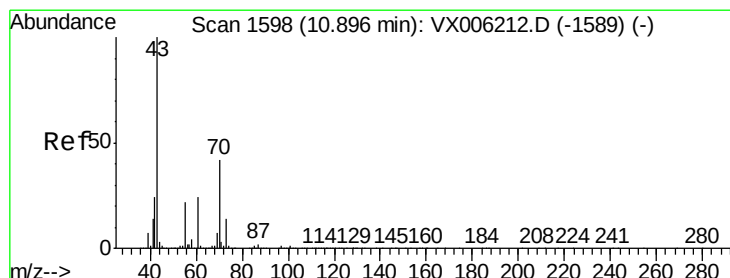
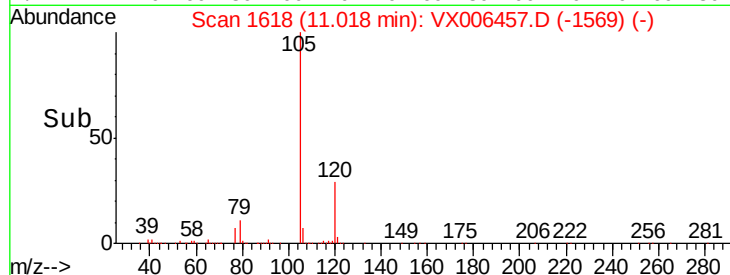
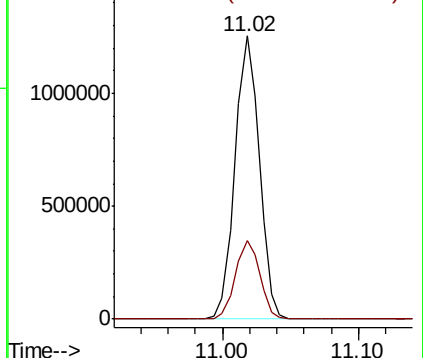
105 100

120 28.0 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.064 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Tgt Ion: 43 Resp: 542517

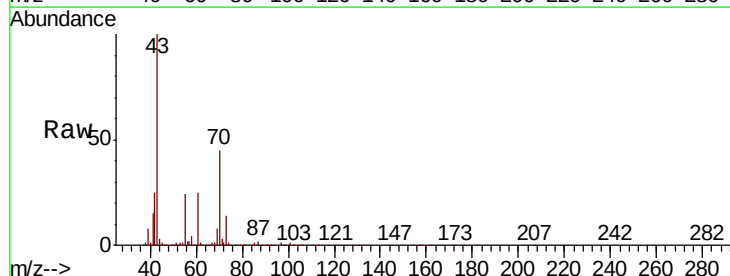
Ion Ratio Lower Upper

43 100

70 45.8 34.1 51.1

55 23.9 17.8 26.8

61 25.5 19.7 29.5

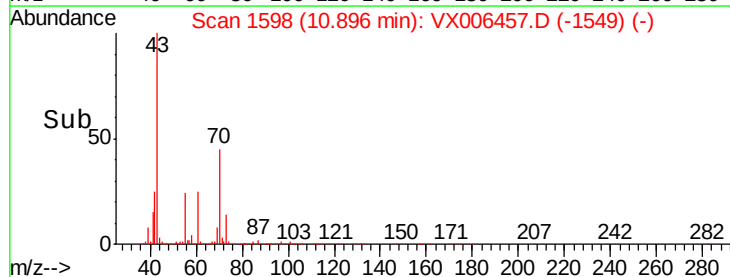
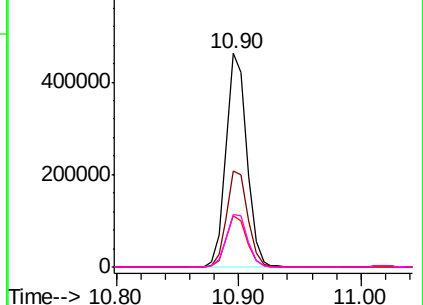


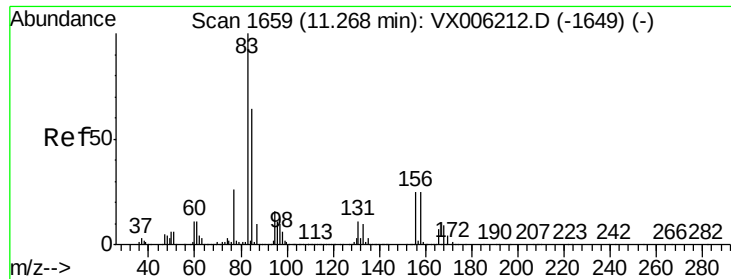
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 52.450 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MS

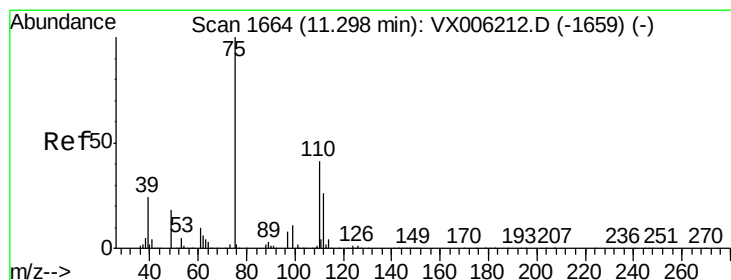
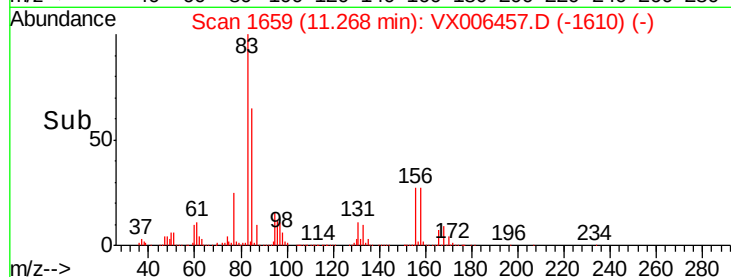
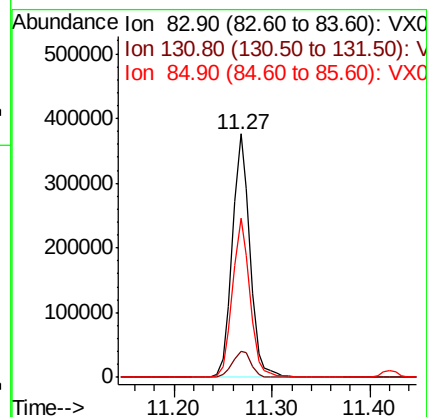
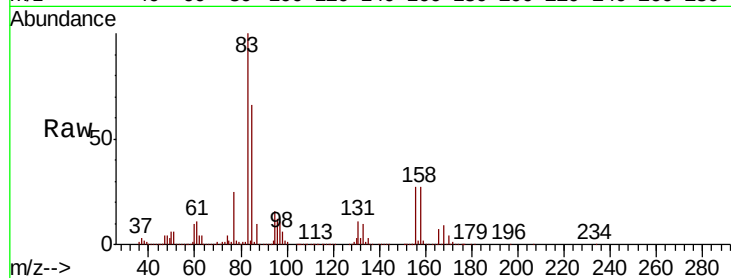
Tot Ion: 83 Resp: 469112

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.1

85 65.0 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 68.533 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006457.D

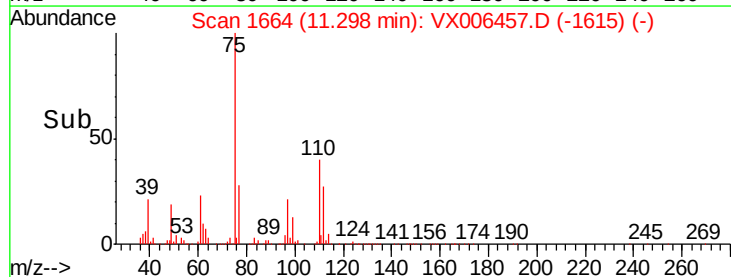
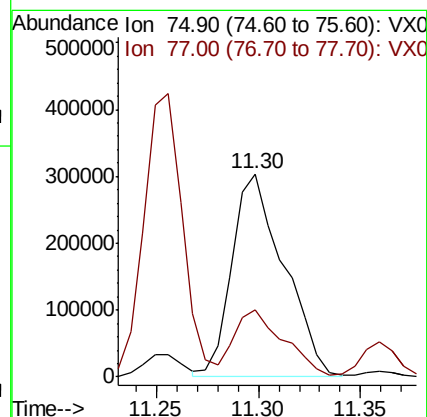
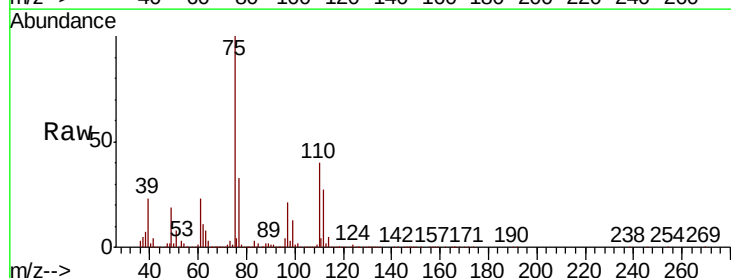
Acq: 12 Dec 2018 20:39

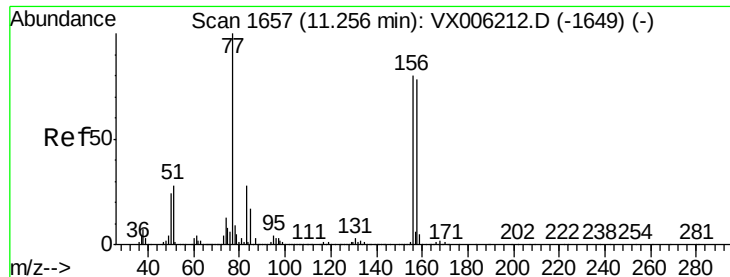
Tgt Ion: 75 Resp: 535503

Ion Ratio Lower Upper

75 100

77 31.4 19.9 59.7





#77

Bromobenzene

Concen: 54.221 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MS

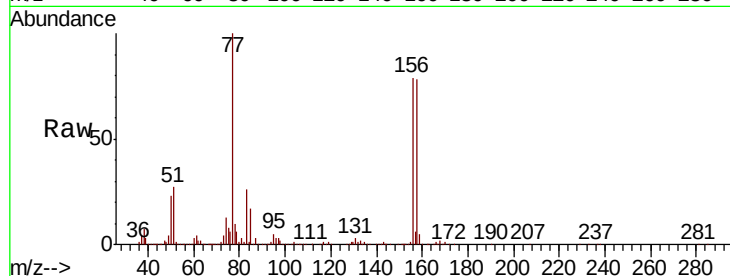
Tot Ion:156 Resp: 420674

Ion Ratio Lower Upper

156 100

77 132.7 66.2 198.6

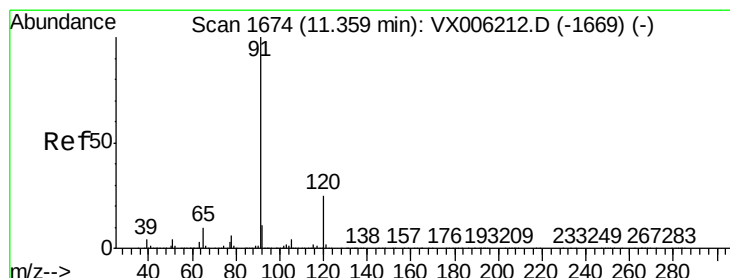
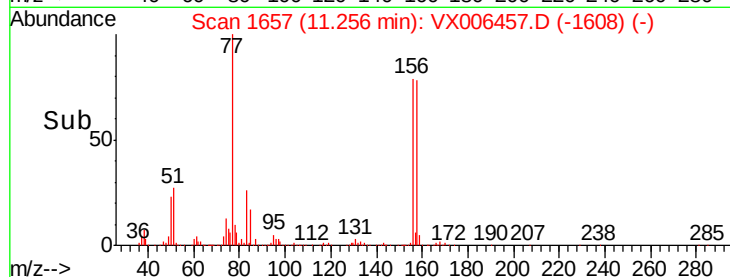
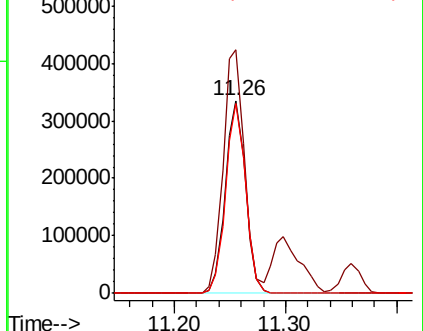
158 97.5 48.8 146.4



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: 54.975 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006457.D

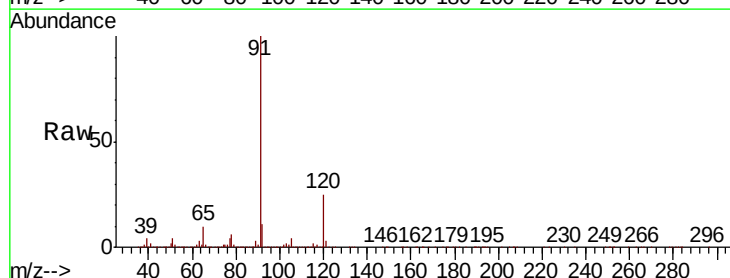
Acq: 12 Dec 2018 20:39

Tgt Ion: 91 Resp: 1708440

Ion Ratio Lower Upper

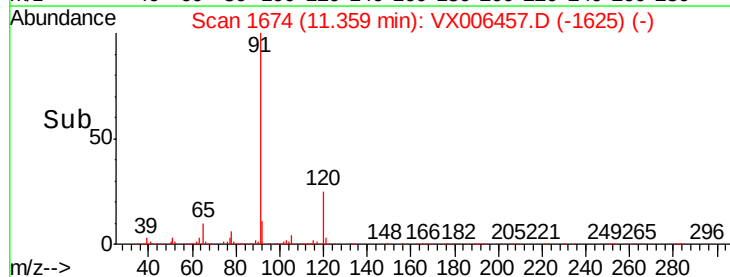
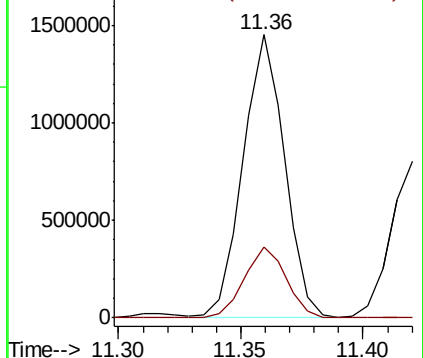
91 100

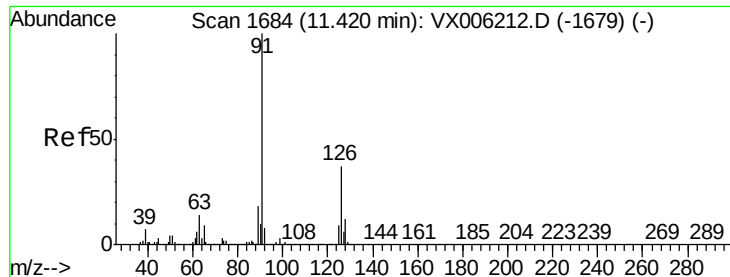
120 25.4 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.245 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

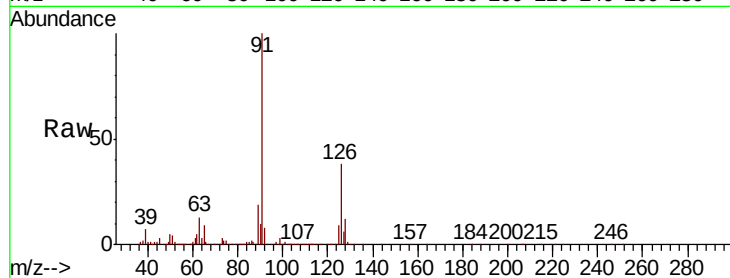
BP-TT-SW4002-20181211MS

Tot Ion: 91 Resp: 1001949

Ion Ratio Lower Upper

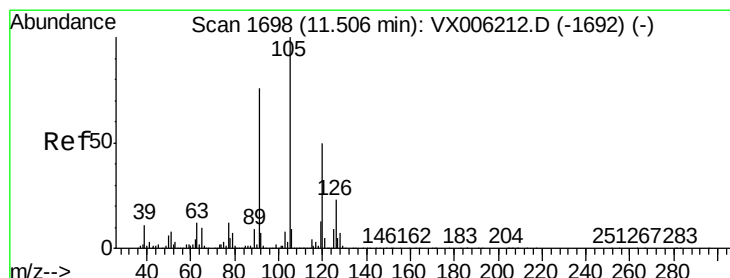
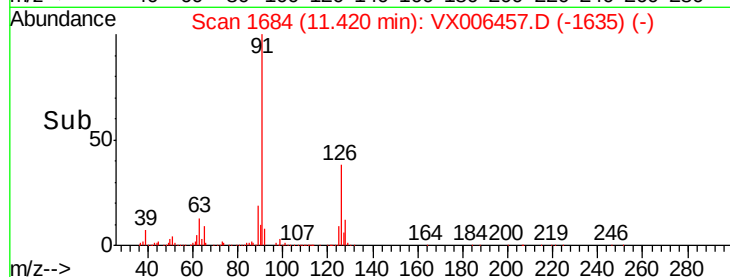
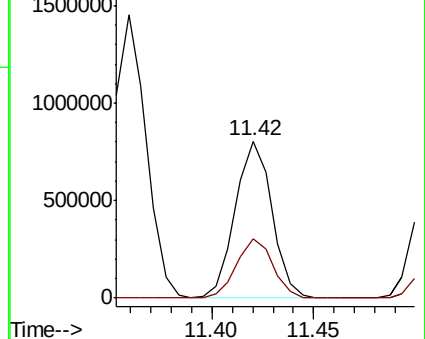
91 100

126 37.7 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 55.070 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006457.D

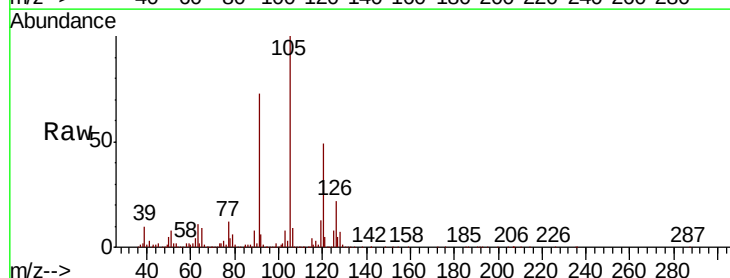
Acq: 12 Dec 2018 20:39

Tgt Ion:105 Resp: 1280963

Ion Ratio Lower Upper

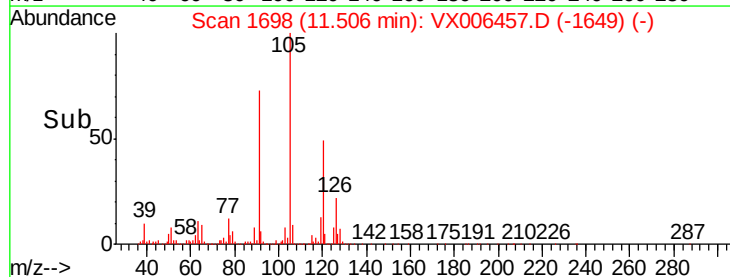
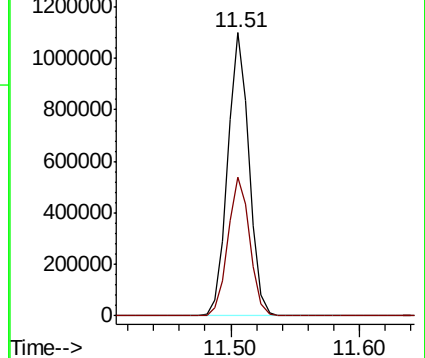
105 100

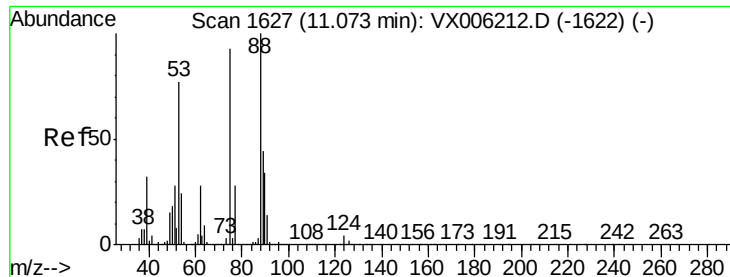
120 50.1 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

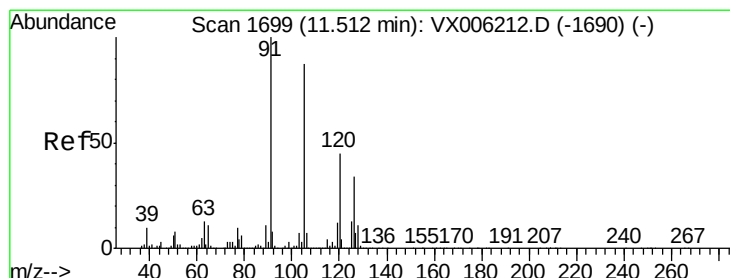
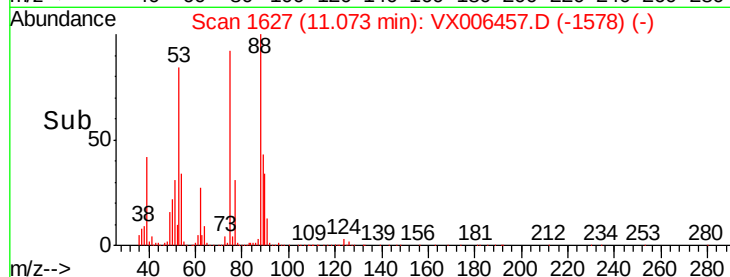
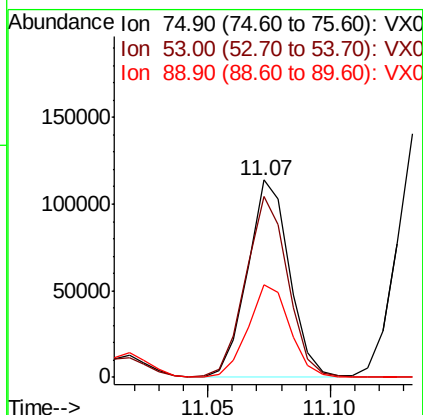
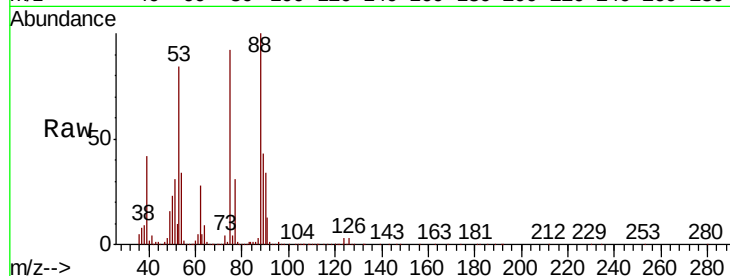




#81
trans-1,4-Dichloro-2-butene
Concen: 40.912 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

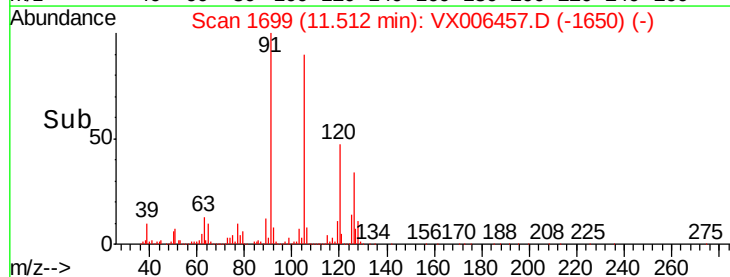
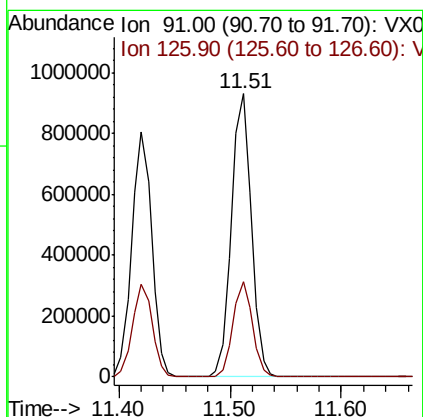
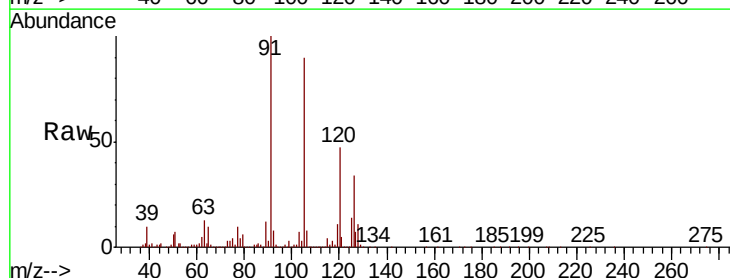
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

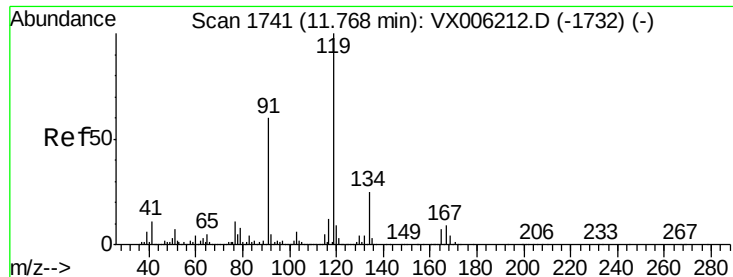
Tot Ion: 75 Resp: 136224
Ion Ratio Lower Upper
75 100
53 91.2 64.4 96.6
89 47.1 44.2 66.4



#82
4-Chlorotoluene
Concen: 53.717 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion: 91 Resp: 1153574
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4

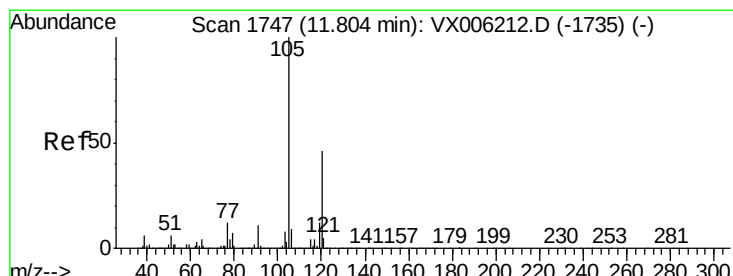
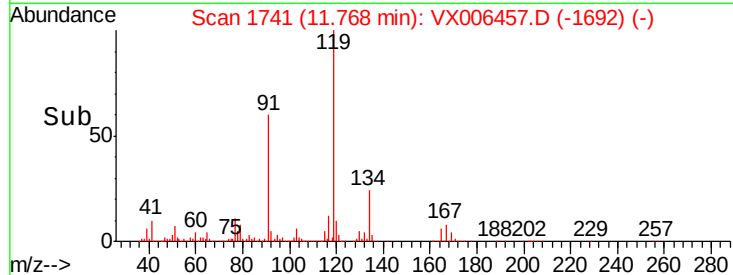
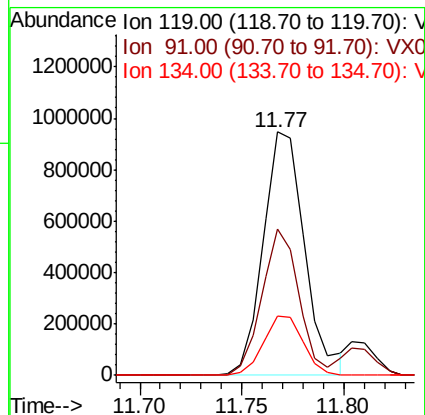
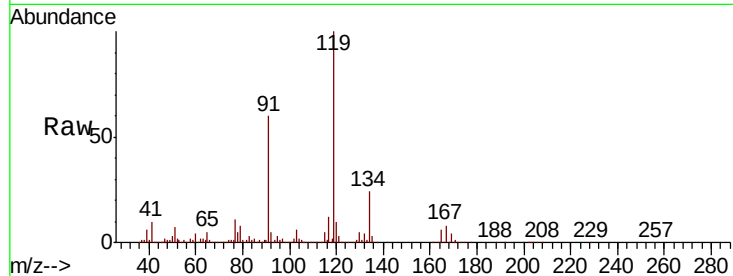




#83
 tert-Butylbenzene
 Concen: 54.048 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006457.D
 Acq: 12 Dec 2018 20:39

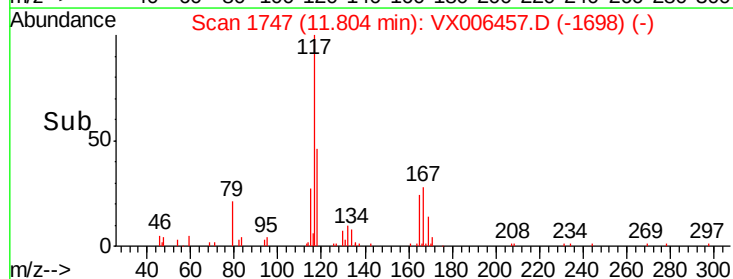
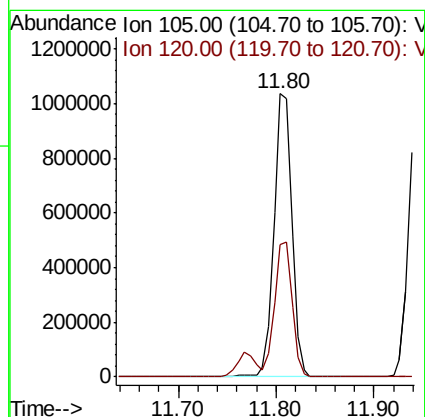
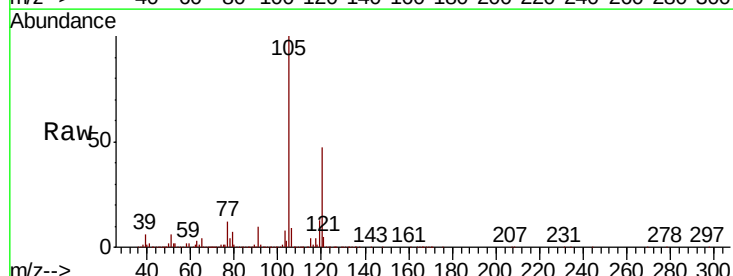
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211MS

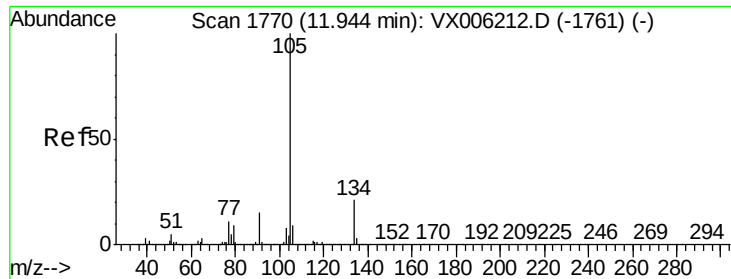
Tot Ion:119 Resp: 1341382
 Ion Ratio Lower Upper
 119 100
 91 53.7 26.4 79.2
 134 23.4 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 54.724 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006457.D
 Acq: 12 Dec 2018 20:39

Tgt Ion:105 Resp: 1314408
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.4 70.0





#85

sec-Butylbenzene

Concen: 55.253 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

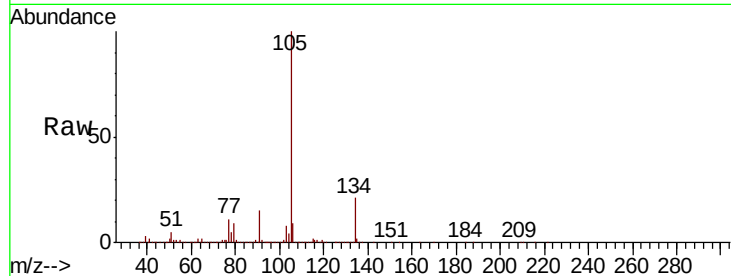
BP-TT-SW4002-20181211MS

Tot Ion:105 Resp: 1560019

Ion Ratio Lower Upper

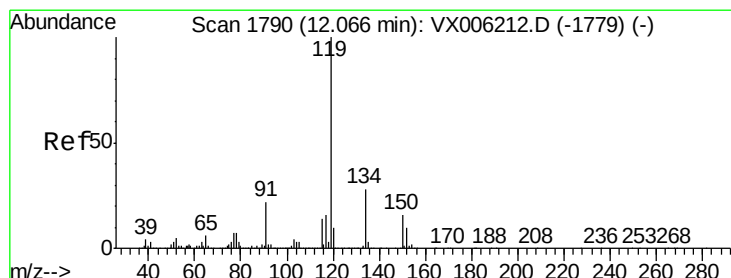
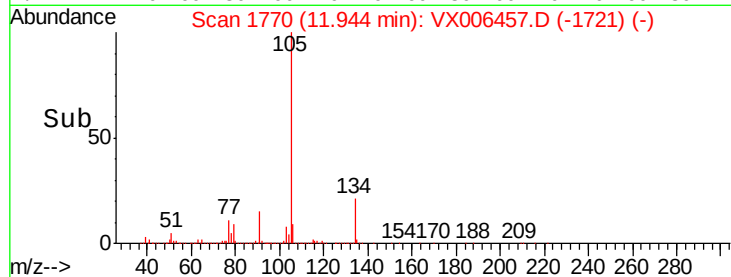
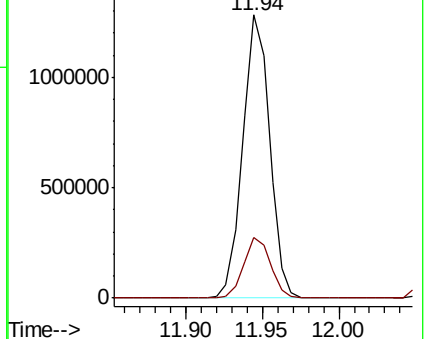
105 100

134 21.6 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.582 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

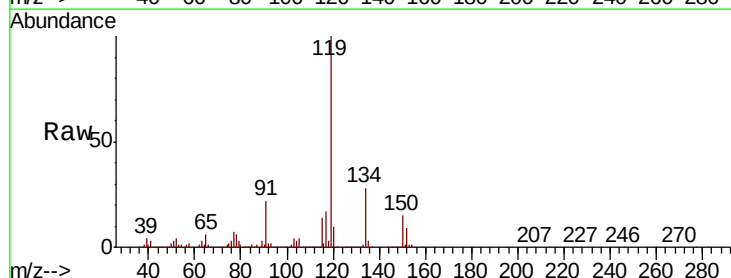
Tgt Ion:119 Resp: 1387690

Ion Ratio Lower Upper

119 100

134 27.6 13.9 41.6

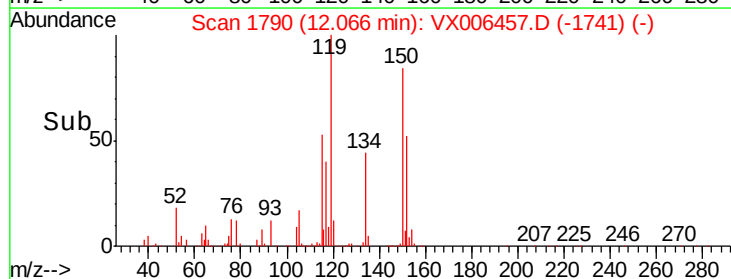
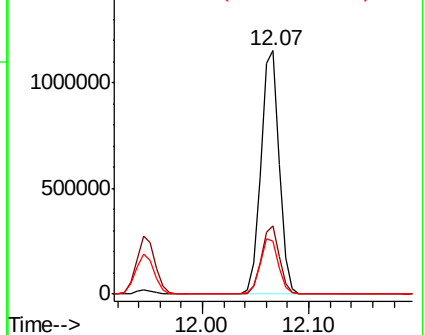
91 22.8 11.3 33.8

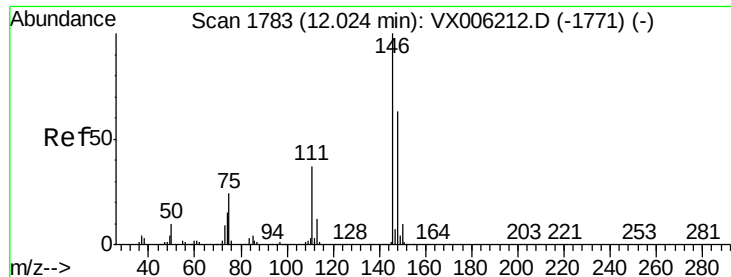


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 54.199 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MS

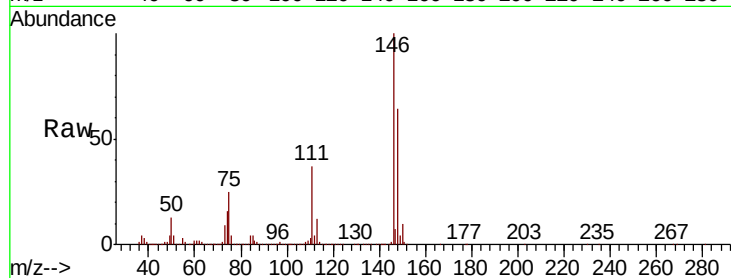
Tot Ion:146 Resp: 748222

Ion Ratio Lower Upper

146 100

111 37.6 18.4 55.2

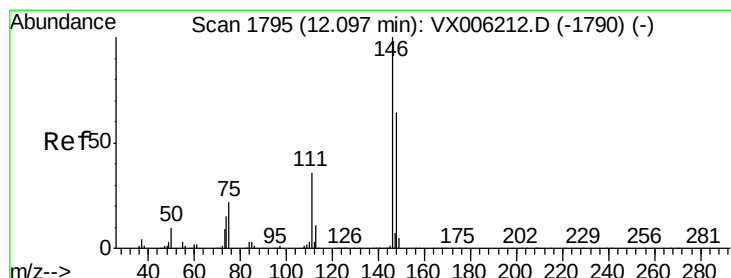
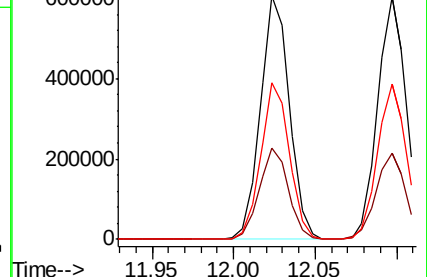
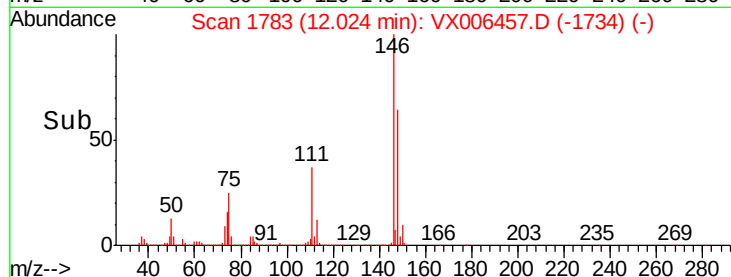
148 63.5 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 52.821 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

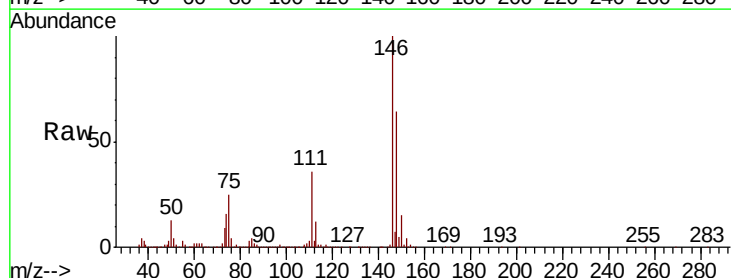
Tgt Ion:146 Resp: 740129

Ion Ratio Lower Upper

146 100

111 36.6 18.3 54.8

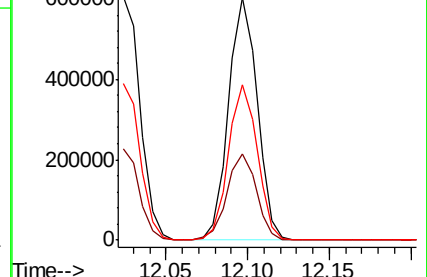
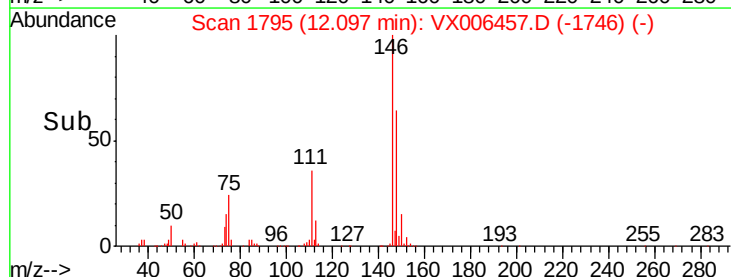
148 64.3 31.9 95.9

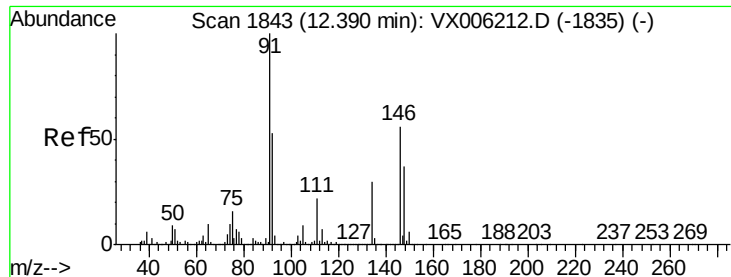


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

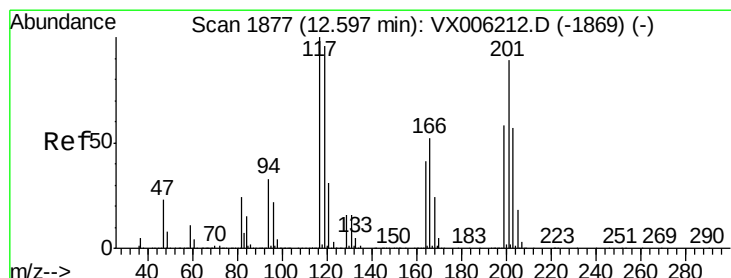
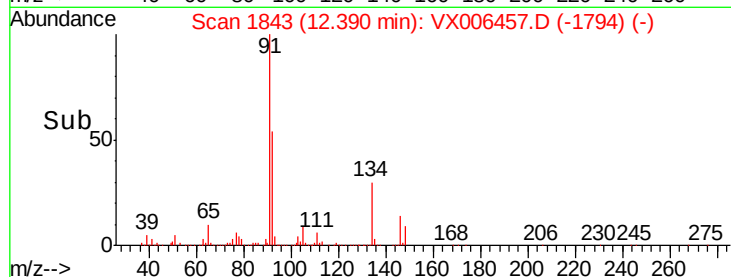
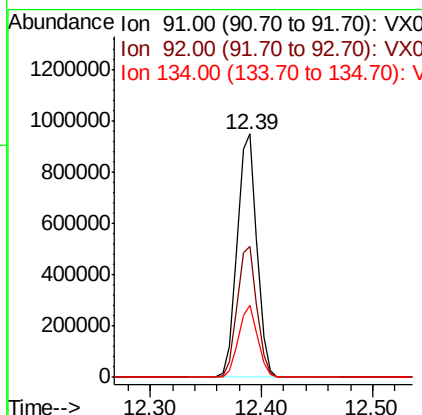
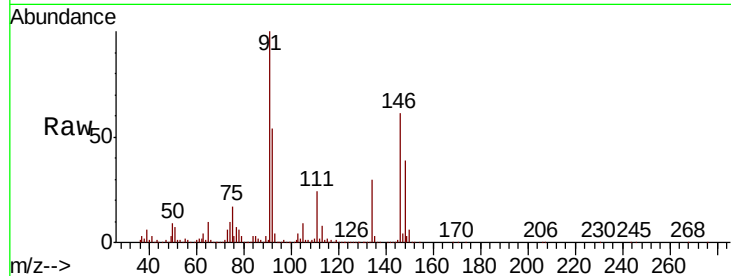




#89
n-Butylbenzene
Concen: 53.398 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

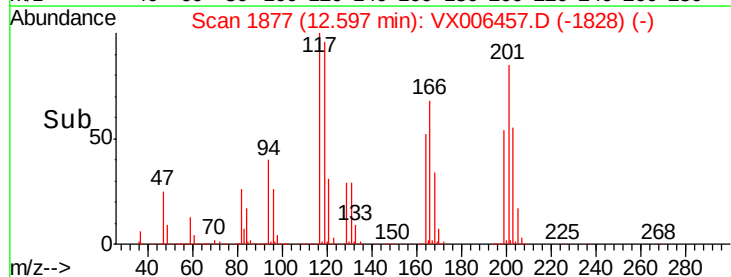
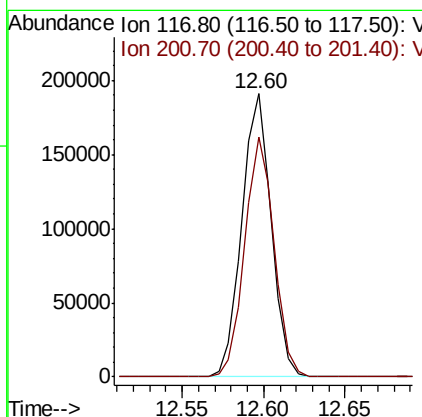
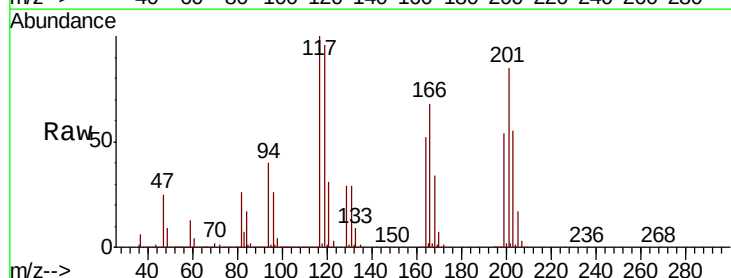
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

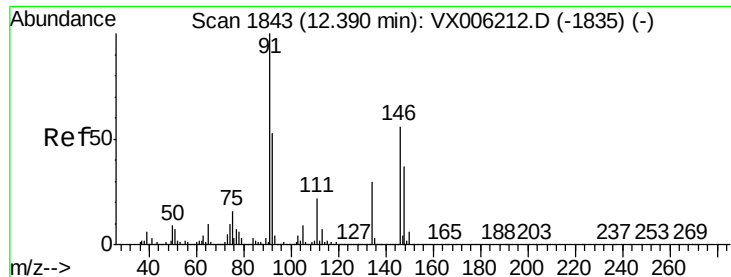
Tot Ion: 91 Resp: 1158352
Ion Ratio Lower Upper
91 100
92 54.0 26.6 79.8
134 28.9 14.8 44.3



#90
Hexachloroethane
Concen: 46.408 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion: 117 Resp: 240471
Ion Ratio Lower Upper
117 100
201 84.6 44.7 134.1





#91

1,2-Dichlorobenzene

Concen: 53.507 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MS

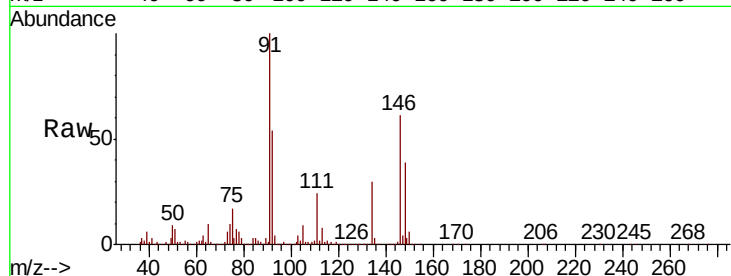
Tot Ion:146 Resp: 733101

Ion Ratio Lower Upper

146 100

111 38.4 19.1 57.3

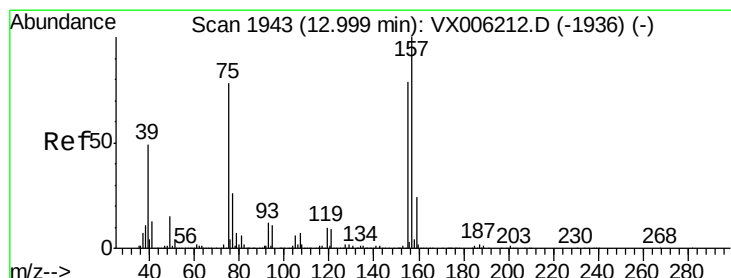
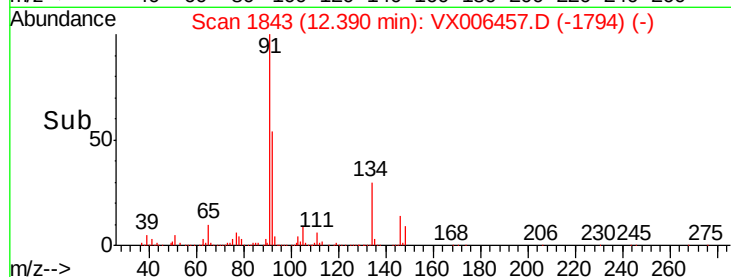
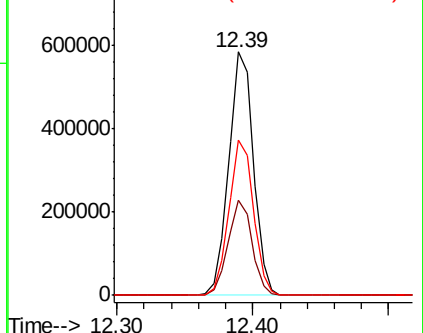
148 63.6 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.948 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

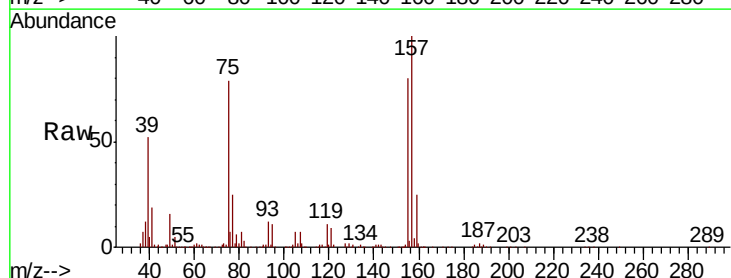
Tgt Ion: 75 Resp: 103052

Ion Ratio Lower Upper

75 100

155 102.7 53.4 160.3

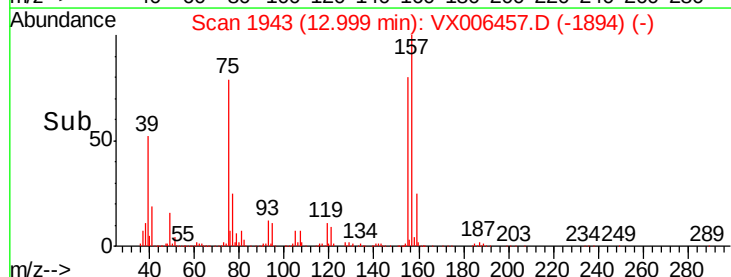
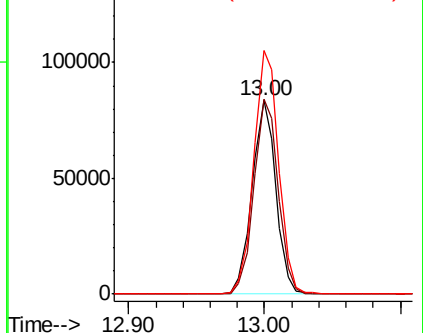
157 130.8 68.0 203.8

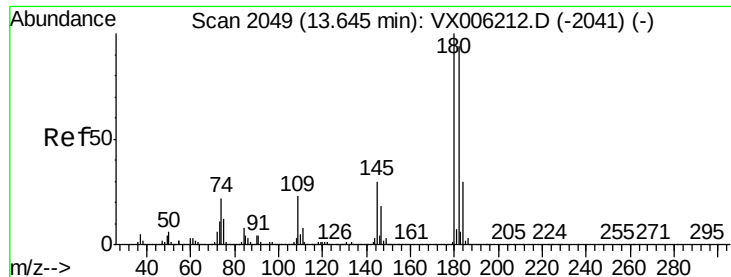


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

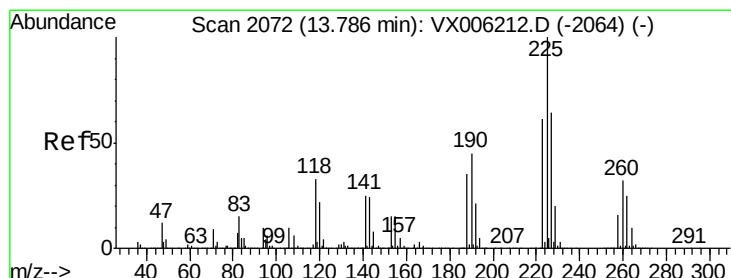
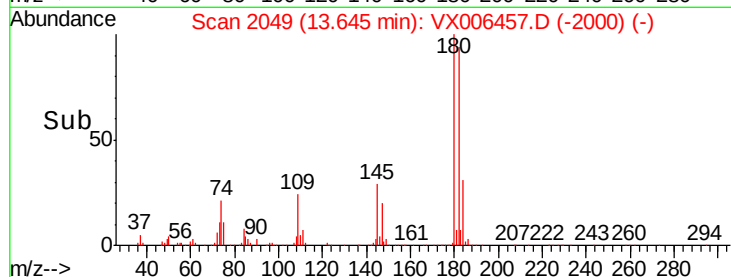
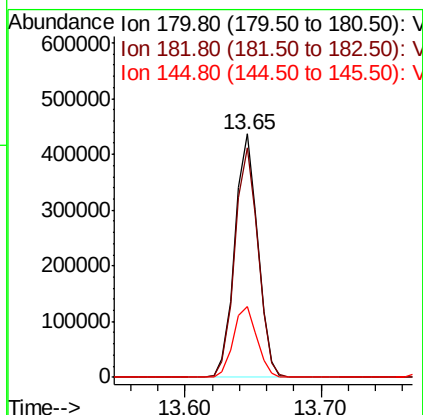
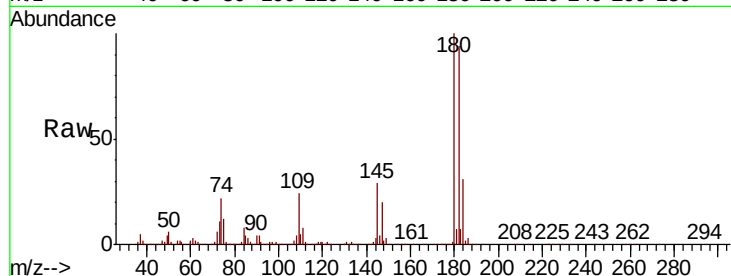




#93
 1,2,4-Trichlorobenzene
 Concen: 51.421 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006457.D
 Acq: 12 Dec 2018 20:39

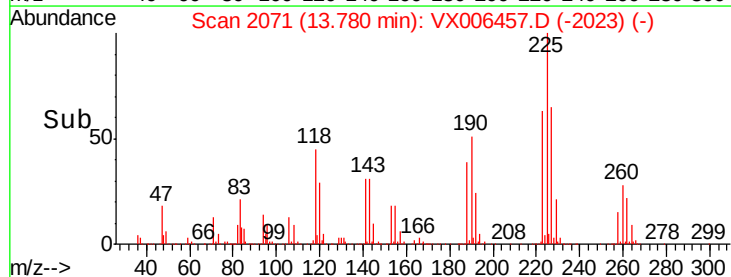
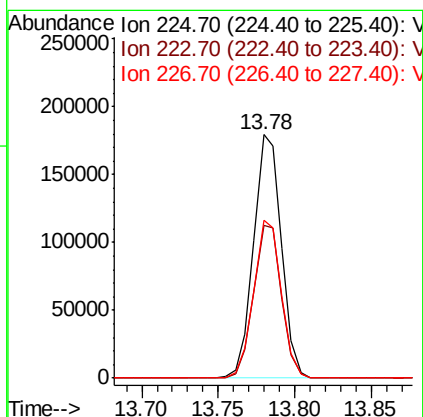
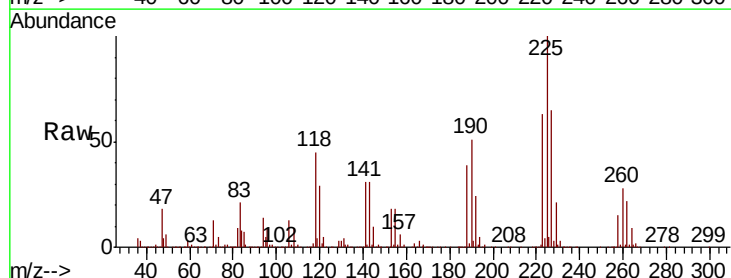
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211MS

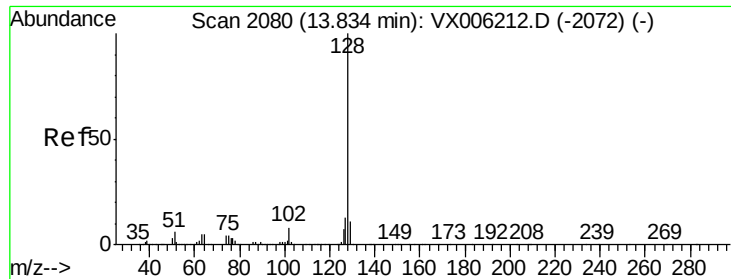
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	141.9
145	30.0	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 51.290 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006457.D
 Acq: 12 Dec 2018 20:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.2	93.6
227	64.4	31.9	95.5





#95

Naphthalene

Concen: 53.534 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MS

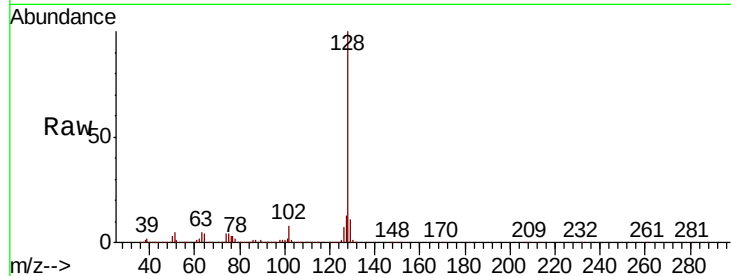
Tot Ion:128 Resp: 1664562

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

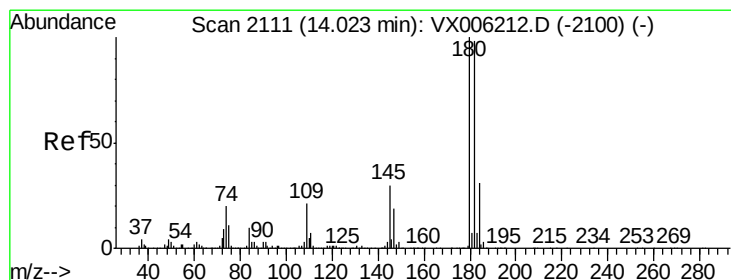
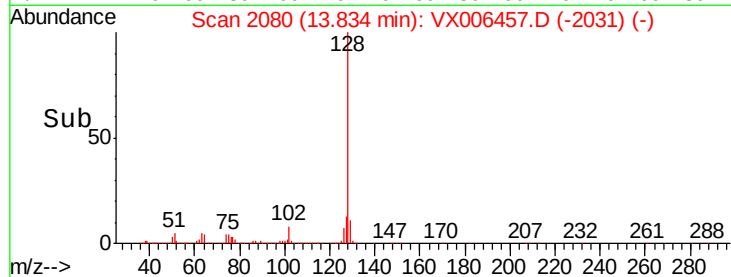
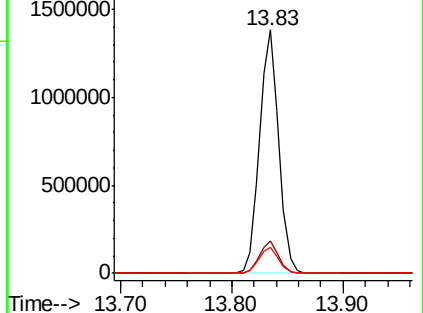
129 10.9 8.9 13.3



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: 51.935 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

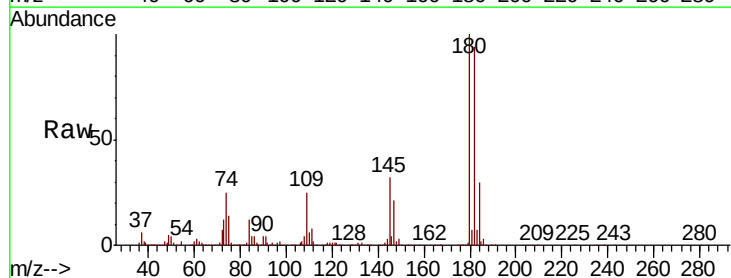
Tgt Ion:180 Resp: 514186

Ion Ratio Lower Upper

180 100

182 95.6 48.4 145.2

145 31.9 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

