

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006458.D
 Acq On : 12 Dec 2018 21:06
 Operator : JC/MD
 Sample : J6358-12MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Dec 13 06:16:27 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	556011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	850221	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	787338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	400265	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	296988	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
35) Dibromofluoromethane	5.51	113	283960	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
50) Toluene-d8	8.71	98	1033792	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
62) 4-Bromofluorobenzene	11.13	95	388904	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	275927	50.683	ug/l	98
3) Chloromethane	1.33	50	286742	51.254	ug/l	98
4) Vinyl Chloride	1.41	62	316657	52.590	ug/l	99
5) Bromomethane	1.64	94	291208	69.786	ug/l	99
6) Chloroethane	1.71	64	195012	52.823	ug/l	99
7) Trichlorofluoromethane	1.92	101	486916	52.681	ug/l	98
8) Diethyl Ether	2.19	74	188291	53.828	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	278913	53.070	ug/l	98
10) Methyl Iodide	2.51	142	453645	57.276	ug/l	98
11) Tert butyl alcohol	3.08	59	373818	240.823	ug/l	99
12) 1,1-Dichloroethene	2.37	96	270130	53.692	ug/l	92
13) Acrolein	2.30	56	195300	230.197	ug/l	99
14) Allyl chloride	2.73	41	461989	46.485	ug/l	98
15) Acrylonitrile	3.15	53	823199	254.138	ug/l	100
16) Acetone	2.45	43	668840	251.094	ug/l	96
17) Carbon Disulfide	2.57	76	756541	48.799	ug/l	98
18) Methyl Acetate	2.78	43	423278	47.517	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	934668	52.076	ug/l	99
20) Methylene Chloride	2.85	84	303046	53.457	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	290333	54.151	ug/l	91
22) Diisopropyl ether	3.87	45	829766	53.452	ug/l	96
23) Vinyl Acetate	3.82	43	3233525	244.220	ug/l	99
24) 1,1-Dichloroethane	3.70	63	481011	54.212	ug/l	100
25) 2-Butanone	4.70	43	996597	262.213	ug/l	95
26) 2,2-Dichloropropane	4.59	77	347669	42.457	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	334608	55.950	ug/l	96
28) Bromochloromethane	5.02	49	202777	52.321	ug/l	98
29) Tetrahydrofuran	5.15	42	679483	257.234	ug/l	97
30) Chloroform	5.21	83	516398	55.382	ug/l	98
31) Cyclohexane	5.57	56	443788	54.121	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	462593	52.143	ug/l	100
36) 1,1-Dichloropropene	5.80	75	380969	53.210	ug/l	99
37) Ethyl Acetate	4.85	43	378229	47.173	ug/l	97
38) Carbon Tetrachloride	5.78	117	414840	49.252	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	493210	53.070	ug/l	98
40) Benzene	6.14	78	1170070	54.564	ug/l	97
41) Methacrylonitrile	5.06	41	219490	49.749	ug/l	99
42) 1,2-Dichloroethane	6.20	62	381108	54.303	ug/l	99
43) Isopropyl Acetate	6.46	43	624379	46.706	ug/l	98
44) Trichloroethene	7.21	130	345104	53.123	ug/l	95
45) 1,2-Dichloropropane	7.52	63	289168	53.058	ug/l	99
46) Dibromomethane	7.66	93	209582	53.246	ug/l	97
47) Bromodichloromethane	7.90	83	377184	49.483	ug/l	98
48) Methyl methacrylate	7.77	41	323291	49.710	ug/l	97
49) 1,4-Dioxane	7.75	88	161902	1010.067	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1965978	252.623	ug/l	98
52) Toluene	8.79	92	774629	54.907	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	419262	47.032	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	451014	48.723	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	314451	54.864	ug/l	99
56) Ethyl methacrylate	9.18	69	466773	52.095	ug/l	97
57) 1,3-Dichloropropane	9.37	76	490320	54.101	ug/l	99
59) 2-Hexanone	9.49	43	1467743	246.859	ug/l	99
60) Dibromochloromethane	9.59	129	347870	49.222	ug/l	99
61) 1,2-Dibromoethane	9.67	107	347573	54.235	ug/l	98
64) Tetrachloroethene	9.34	164	309141	52.137	ug/l	99
65) Chlorobenzene	10.14	112	906903	54.262	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	328293	50.555	ug/l	99
67) Ethyl Benzene	10.25	91	1487353	53.506	ug/l	100
68) m/p-Xylenes	10.36	106	1185528	106.469	ug/l	99
69) o-Xylene	10.70	106	586729	53.345	ug/l	99
70) Styrene	10.71	104	937817	52.719	ug/l	99
71) Bromoform	10.86	173	264329	43.121	ug/l	99
73) Isopropylbenzene	11.02	105	1535968	55.567	ug/l	100
74) N-amyl acetate	10.90	43	546879	45.944	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	466565	52.760	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	525755	68.052	ug/l	87
77) Bromobenzene	11.26	156	418189	54.515	ug/l	99
78) n-propylbenzene	11.36	91	1684142	54.811	ug/l	99
79) 2-Chlorotoluene	11.42	91	996758	54.579	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1273464	55.371	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	137780	41.851	ug/l	90
82) 4-Chlorotoluene	11.51	91	1145264	53.937	ug/l	100
83) tert-Butylbenzene	11.77	119	1326030	54.038	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1305369	54.967	ug/l	99
85) sec-Butylbenzene	11.94	105	1543241	55.281	ug/l	100
86) p-Isopropyltoluene	12.07	119	1381549	54.959	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	741559	54.328	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	736635	53.171	ug/l	99
89) n-Butylbenzene	12.39	91	1142118	53.249	ug/l	99
90) Hexachloroethane	12.60	117	240565	46.955	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	719977	53.148	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	102341	45.146	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	512054	51.811	ug/l	99

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QLast Update : Fri Nov 30 03:55:33 2018
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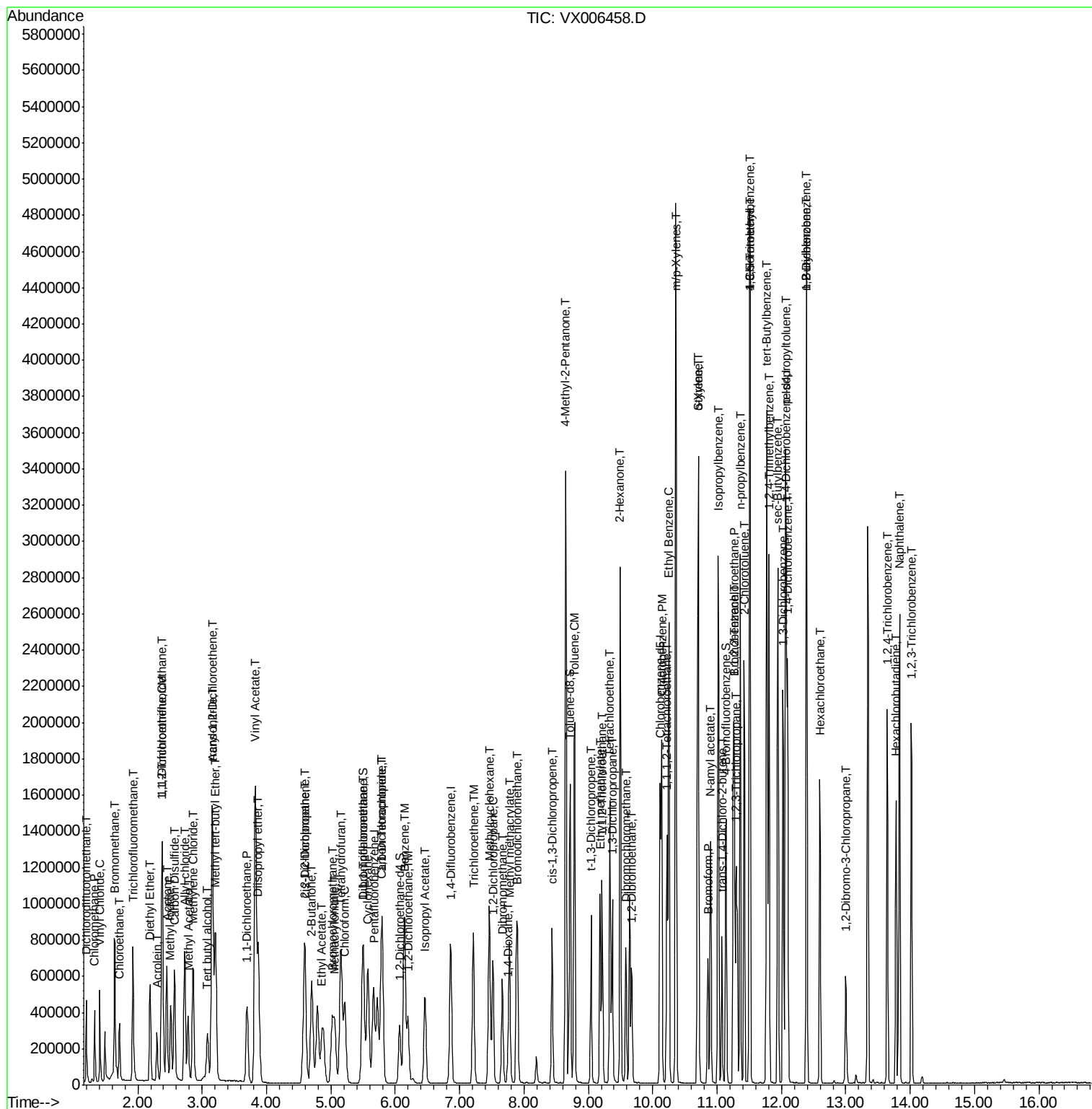
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	227067	51.951	ug/l	99
95) Naphthalene	13.83	128	1642827	53.437	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	517188	52.833	ug/l	99

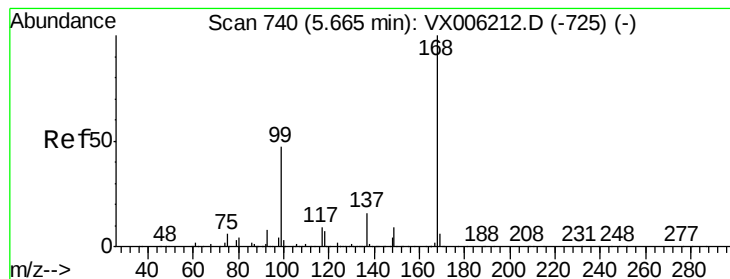
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121218\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

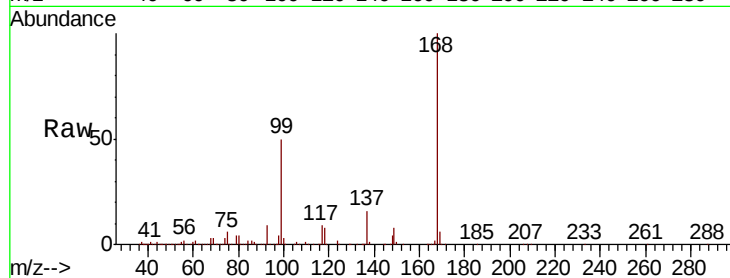
BP-TT-SW4002-20181211MSD

Tot Ion:168 Resp: 556011

Ion Ratio Lower Upper

168 100

99 50.2 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

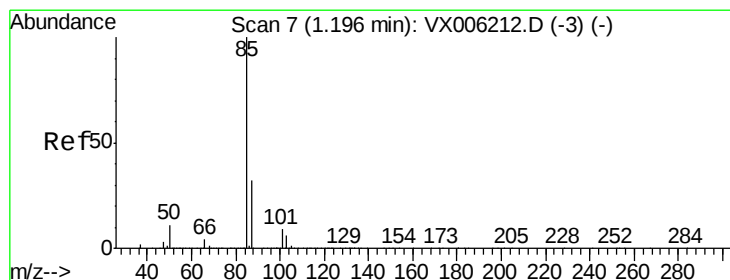
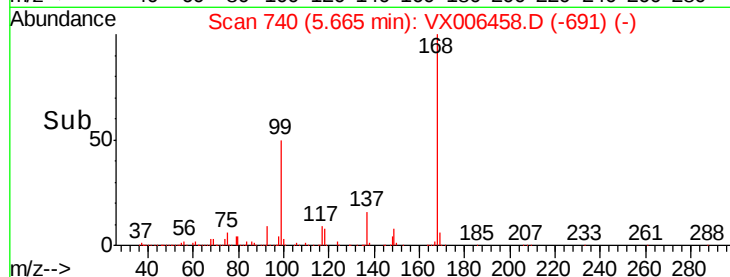
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.683 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006458.D

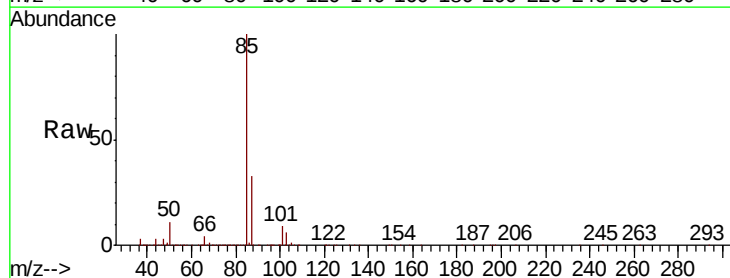
Acq: 12 Dec 2018 21:06

Tgt Ion: 85 Resp: 275927

Ion Ratio Lower Upper

85 100

87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

300000

250000

200000

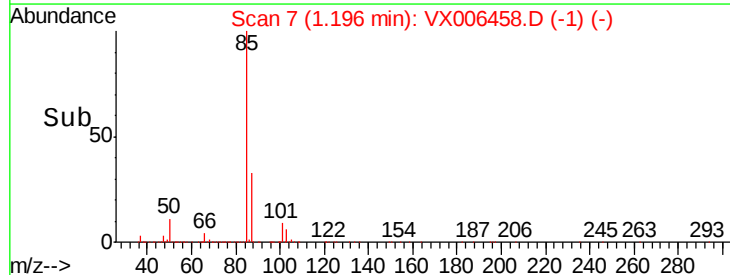
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Time-->

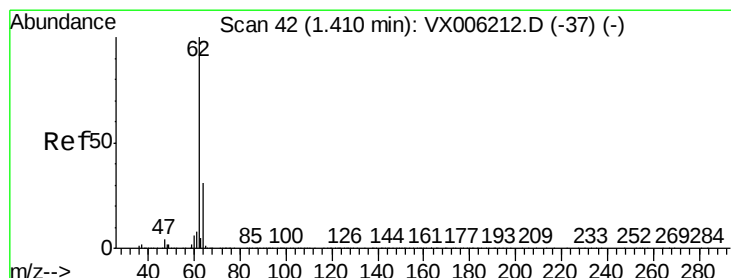
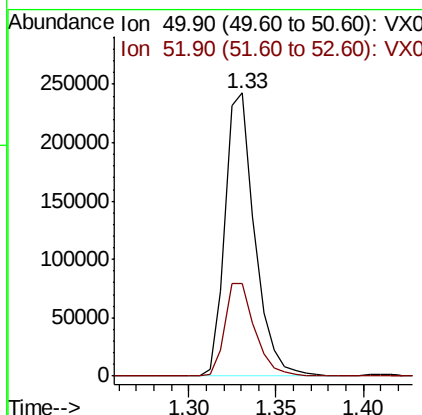
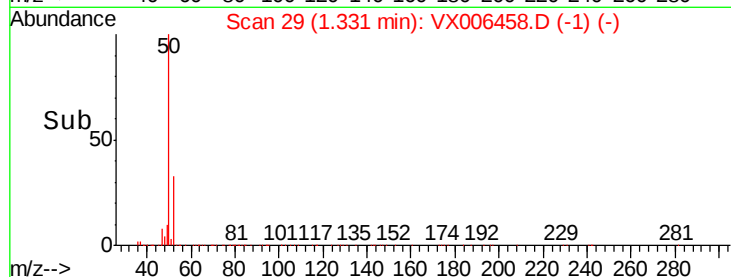
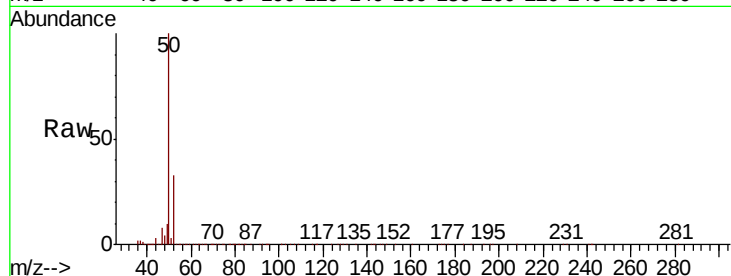




#3
Chloromethane
Concen: 51.254 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

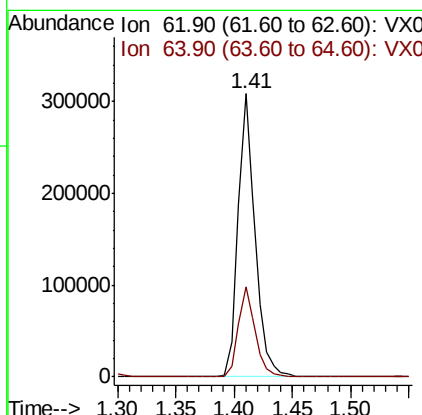
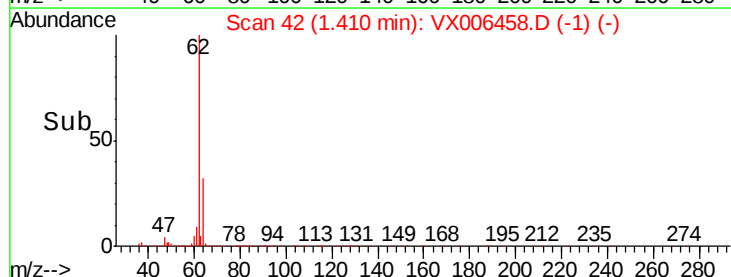
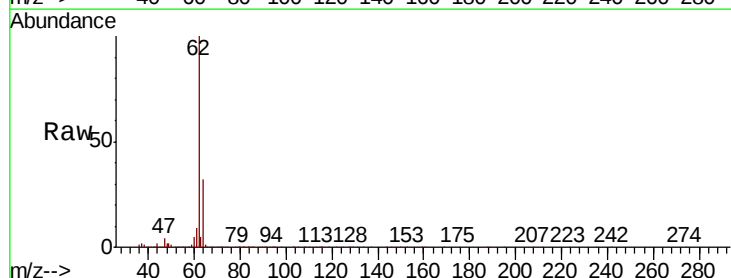
Instrument :
MSVOA_X
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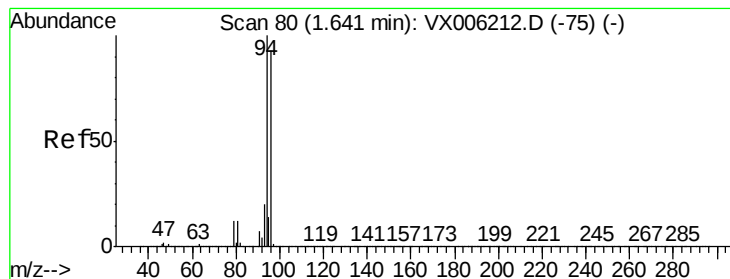
Tot Ion: 50 Resp: 286742
Ion Ratio Lower Upper
50 100
52 32.6 25.2 37.8



#4
Vinyl Chloride
Concen: 52.590 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion: 62 Resp: 316657
Ion Ratio Lower Upper
62 100
64 31.7 24.9 37.3





#5

Bromomethane

Concen: 69.786 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

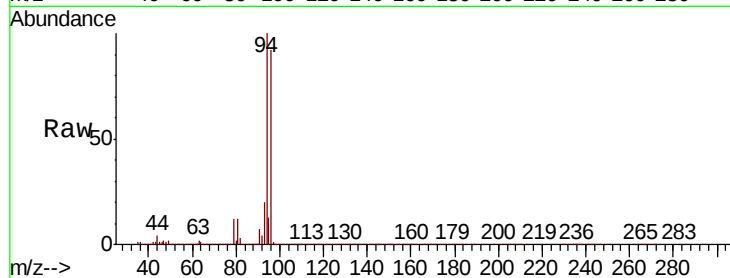
BP-TT-SW4002-20181211MSD

Tot Ion: 94 Resp: 291208

Ion Ratio Lower Upper

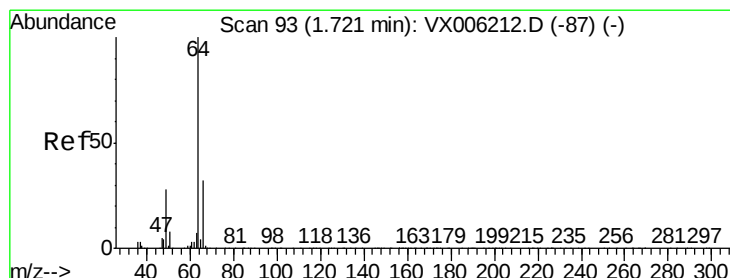
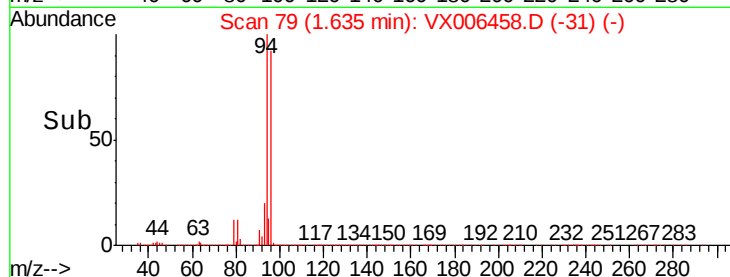
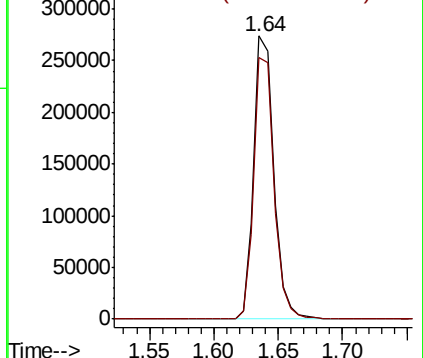
94 100

96 92.5 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.823 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006458.D

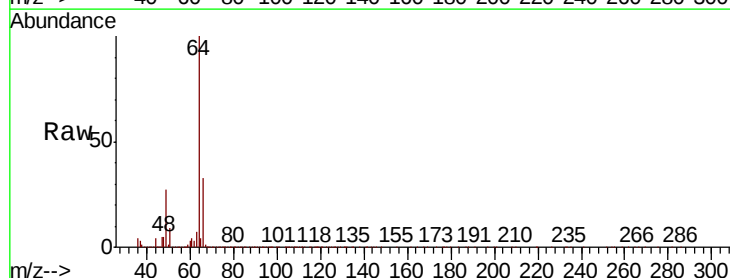
Acq: 12 Dec 2018 21:06

Tgt Ion: 64 Resp: 195012

Ion Ratio Lower Upper

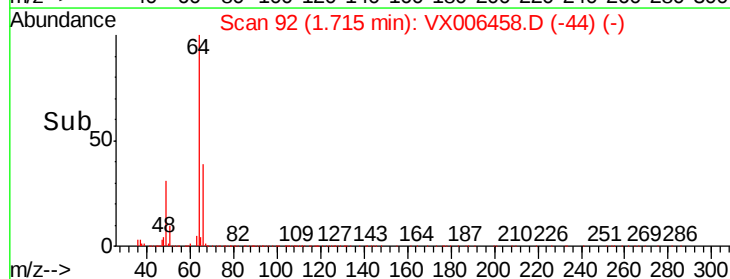
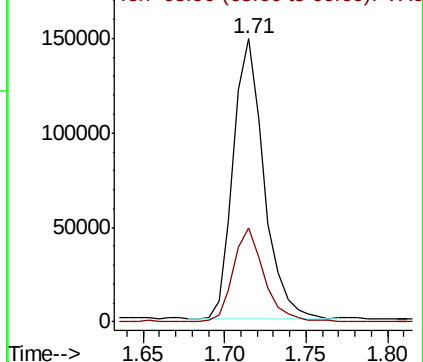
64 100

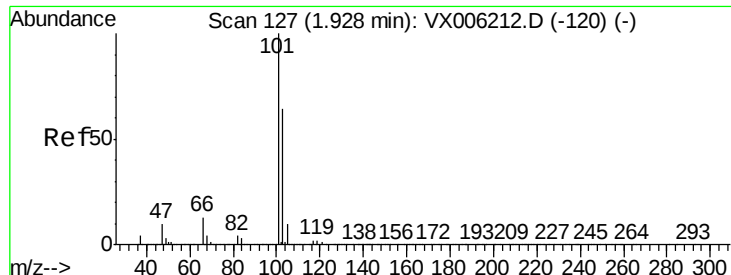
66 33.0 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



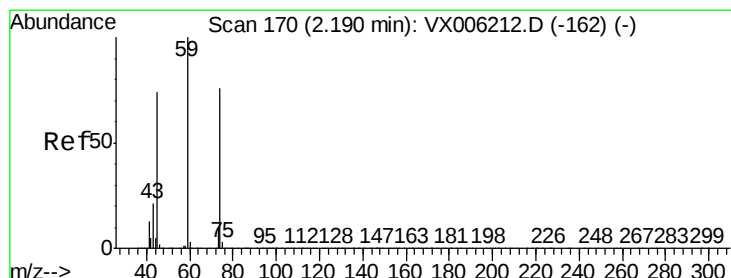
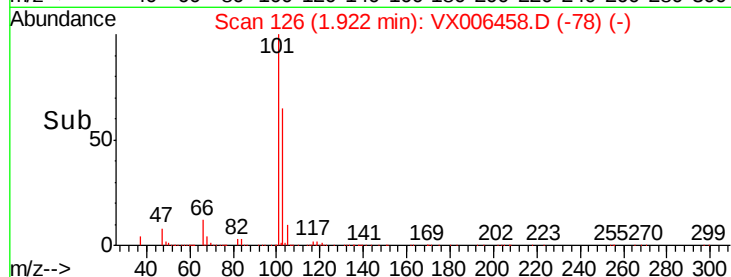
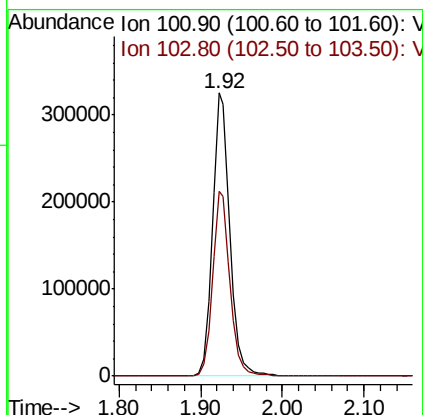
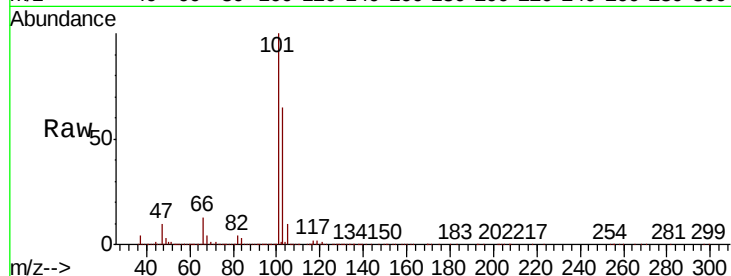


#7

Trichlorofluoromethane
Concen: 52.681 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Instrument :
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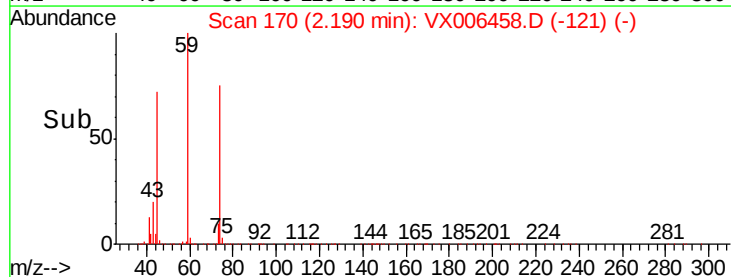
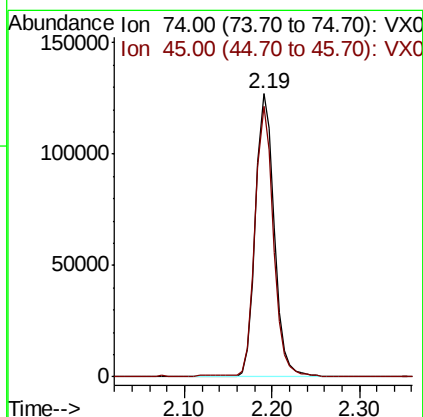
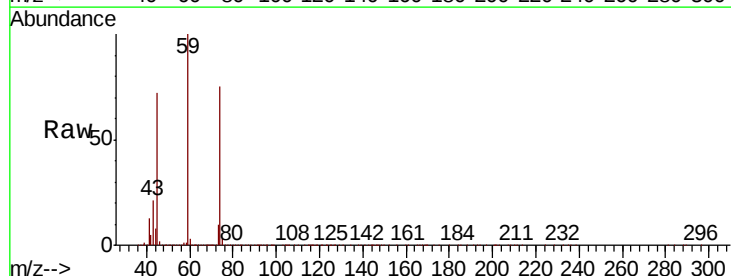
Tot Ion:101 Resp: 486916
Ion Ratio Lower Upper
101 100
103 65.1 51.0 76.4

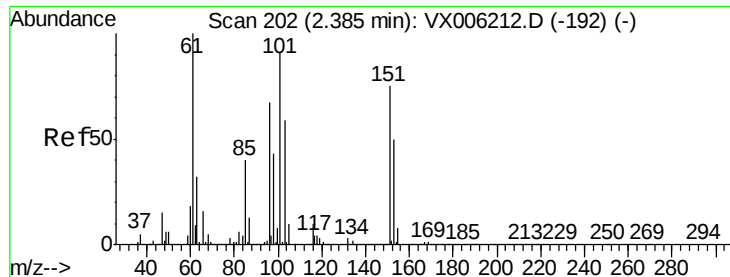


#8

Diethyl Ether
Concen: 53.828 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion: 74 Resp: 188291
Ion Ratio Lower Upper
74 100
45 92.7 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.070 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MSD

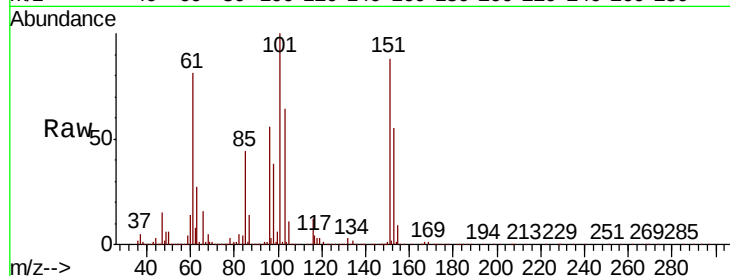
Tot Ion:101 Resp: 278913

Ion Ratio Lower Upper

101 100

85 44.6 35.5 53.3

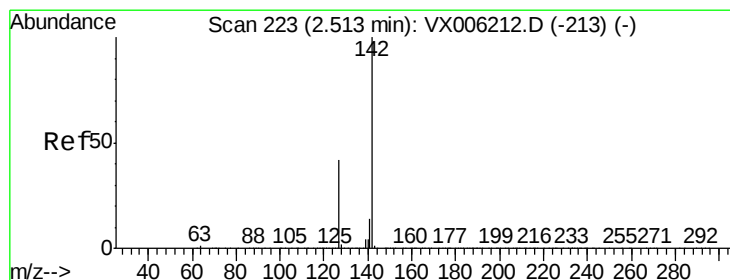
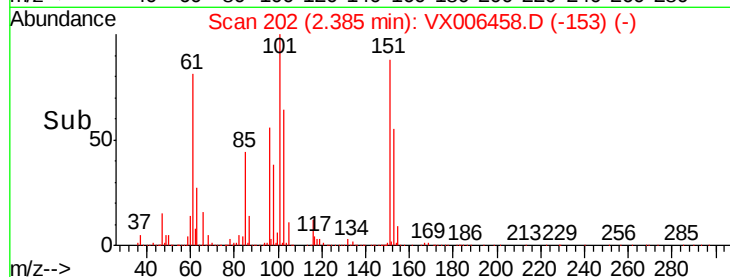
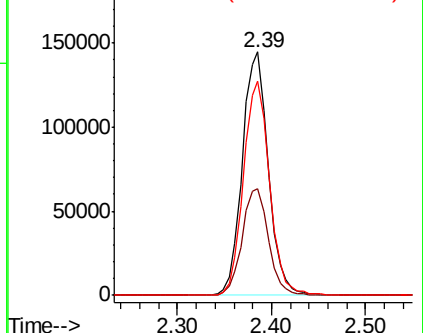
151 88.4 68.6 103.0



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: 57.276 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

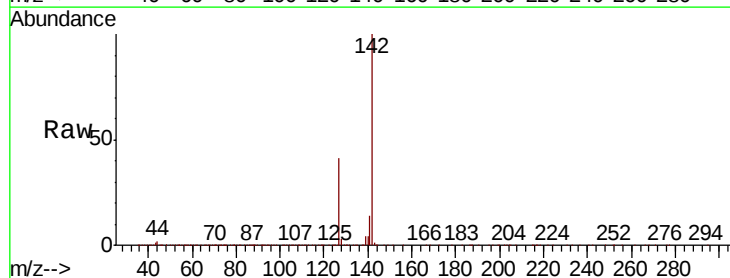
Tgt Ion:142 Resp: 453645

Ion Ratio Lower Upper

142 100

127 41.9 34.8 52.2

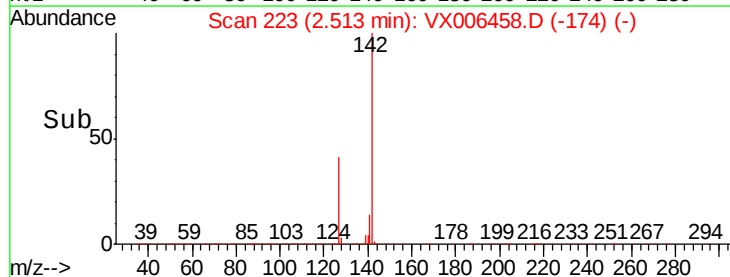
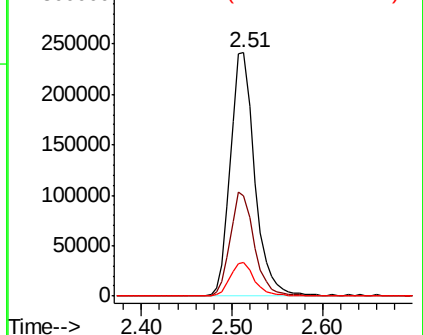
141 13.8 11.4 17.2

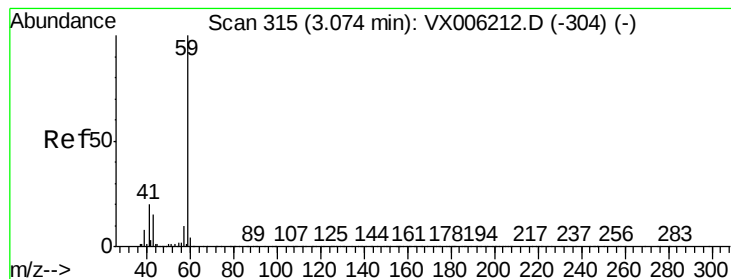


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



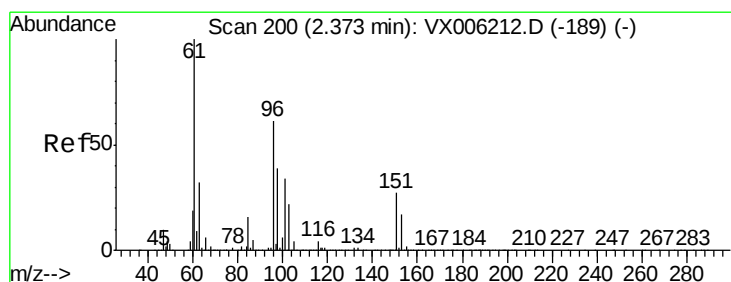
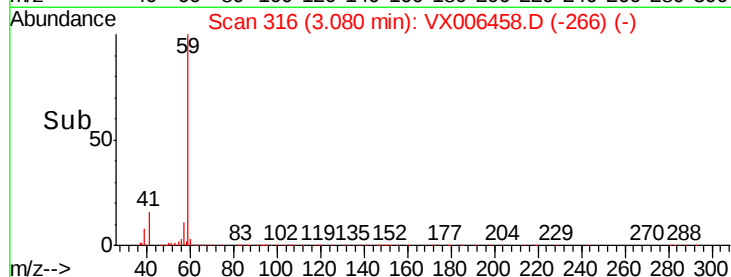
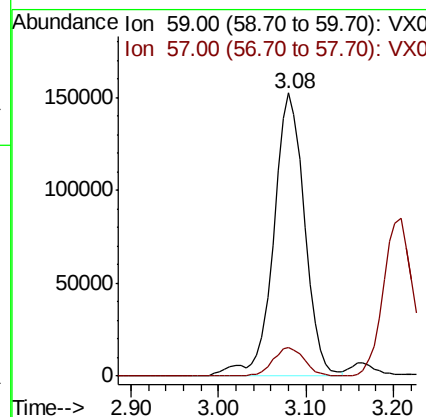
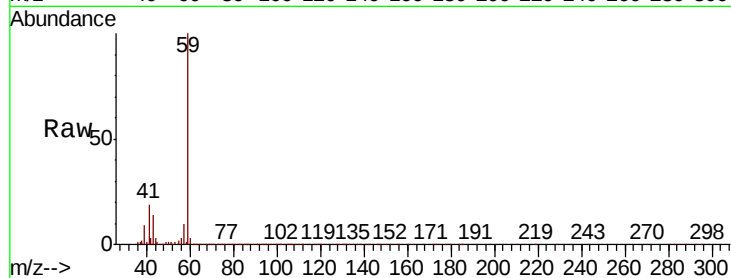


#11

Tert butyl alcohol
Concen: 240.823 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

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

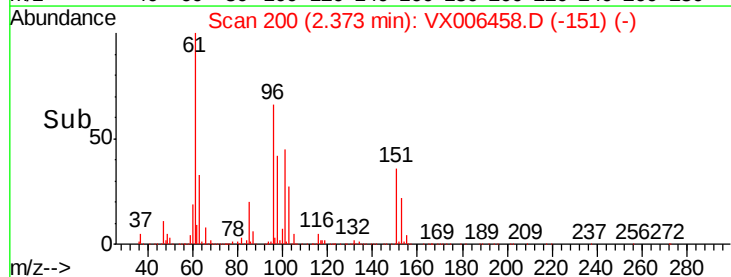
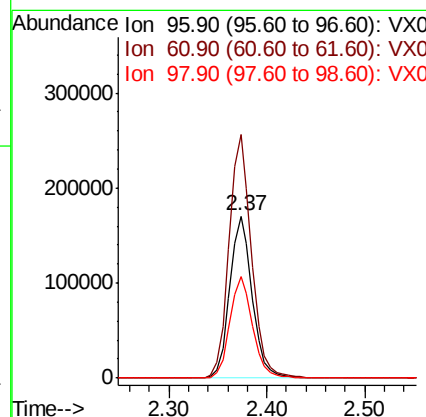
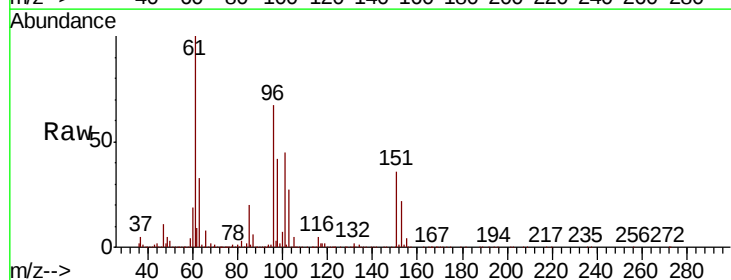
Tot Ion: 59 Resp: 373818
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2

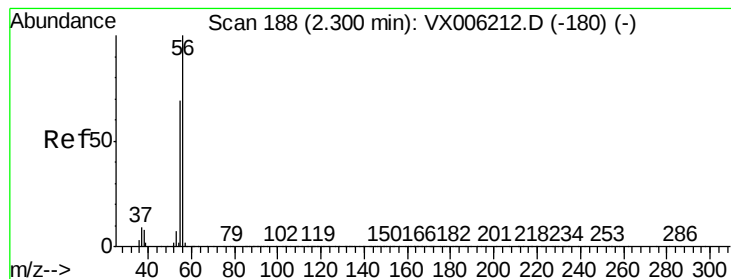


#12

1,1-Dichloroethene
Concen: 53.692 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion: 96 Resp: 270130
Ion Ratio Lower Upper
96 100
61 150.3 131.7 197.5
98 62.5 51.8 77.6





#13

Acrolein

Concen: 230.197 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

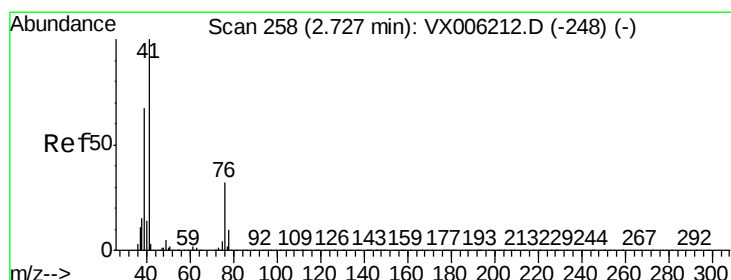
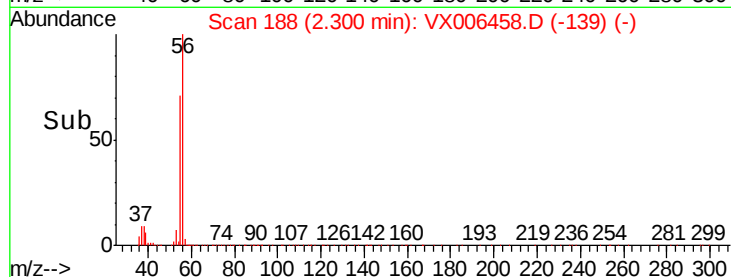
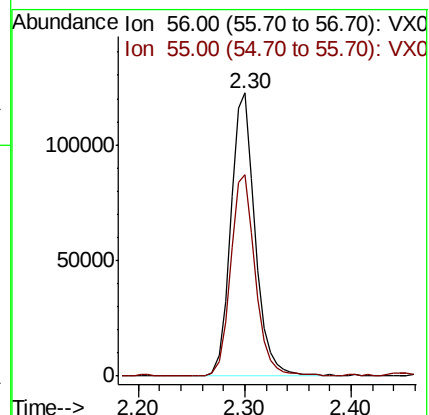
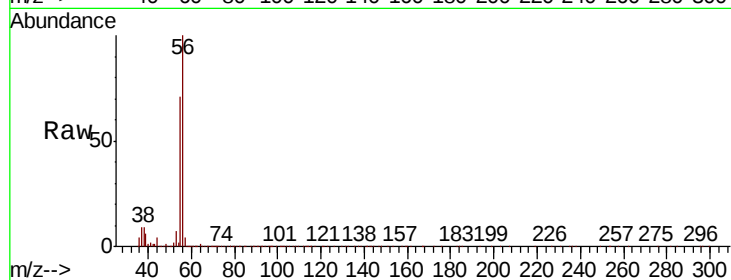
BP-TT-SW4002-20181211MSD

Tot Ion: 56 Resp: 195300

Ion Ratio Lower Upper

56 100

55 71.5 57.8 86.6



#14

Allyl chloride

Concen: 46.485 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

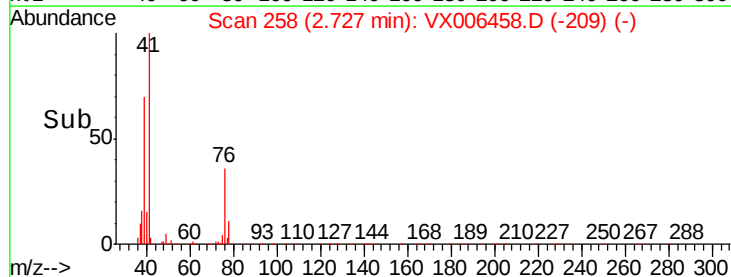
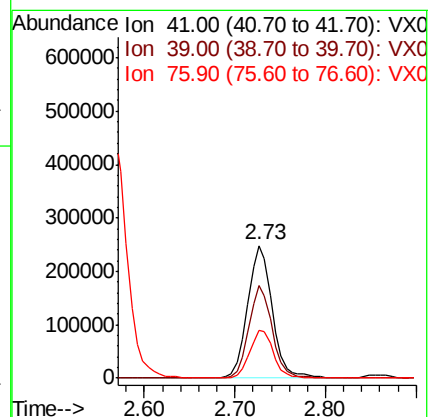
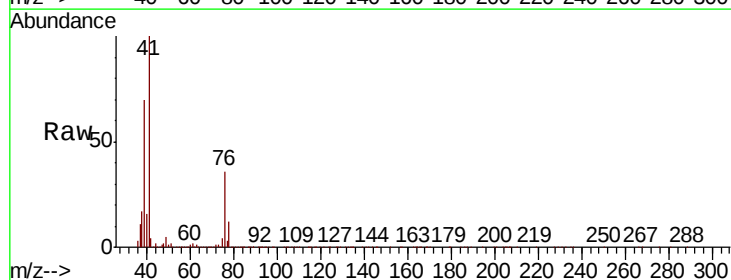
Tgt Ion: 41 Resp: 461989

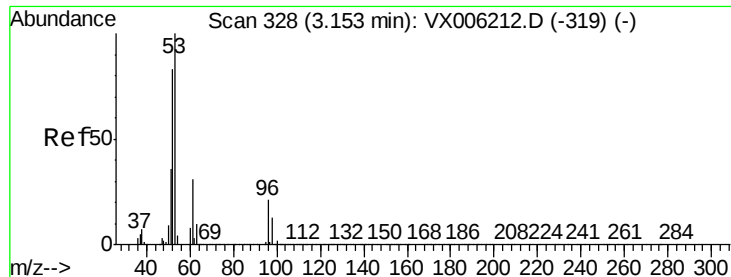
Ion Ratio Lower Upper

41 100

39 66.3 52.4 78.6

76 34.6 25.4 38.0





#15

Acrylonitrile

Concen: 254.138 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MSD

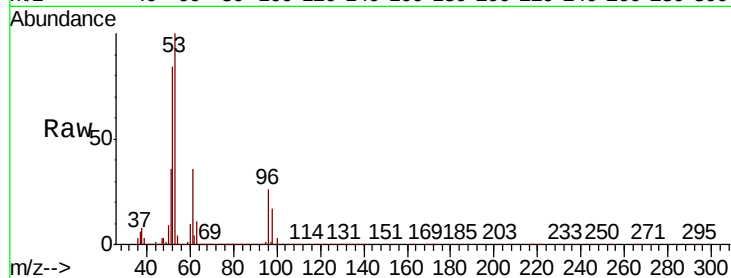
Tot Ion: 53 Resp: 823199

Ion Ratio Lower Upper

53 100

52 82.7 66.2 99.4

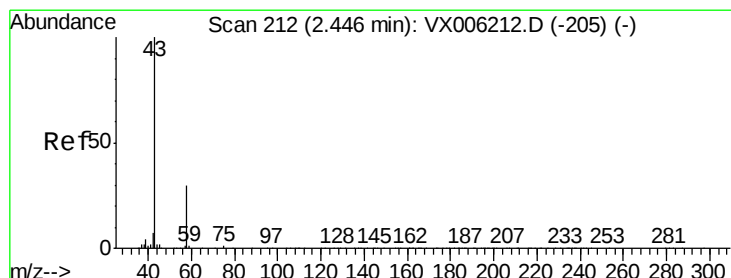
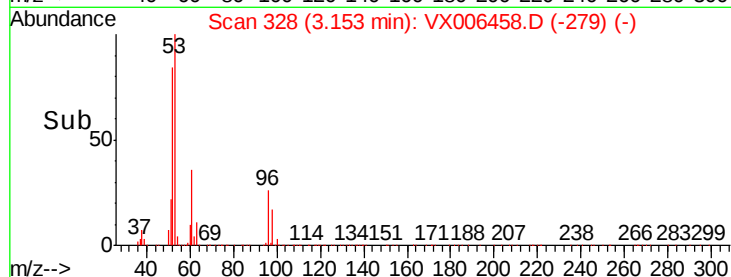
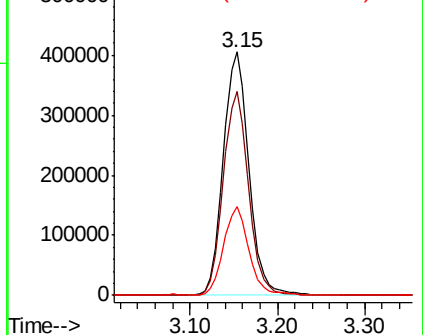
51 36.2 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 251.094 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006458.D

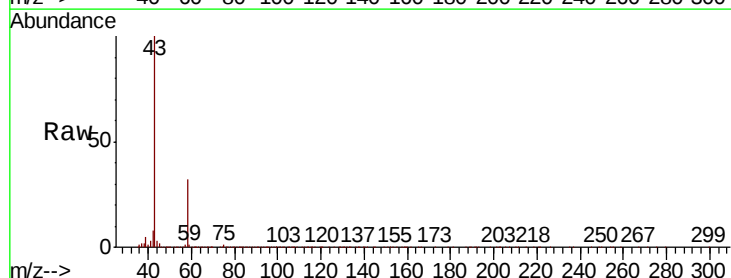
Acq: 12 Dec 2018 21:06

Tgt Ion: 43 Resp: 668840

Ion Ratio Lower Upper

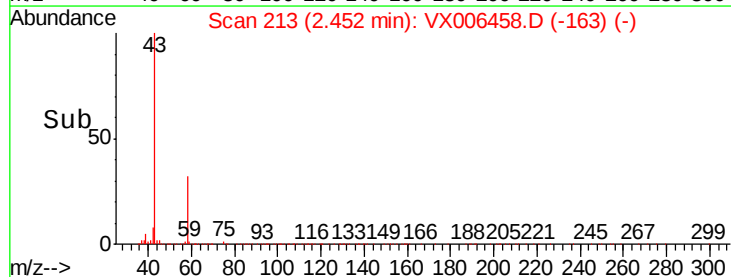
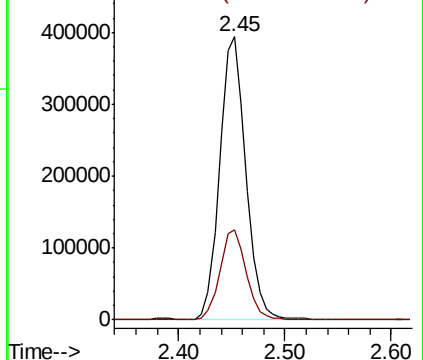
43 100

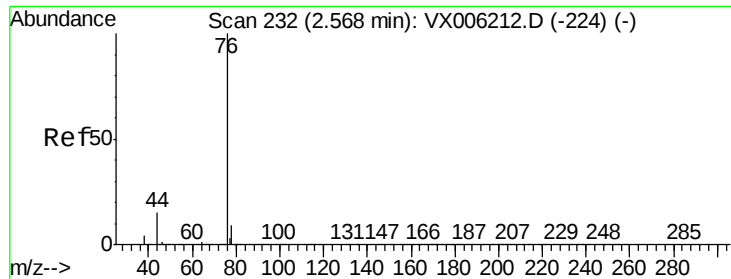
58 31.9 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.799 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

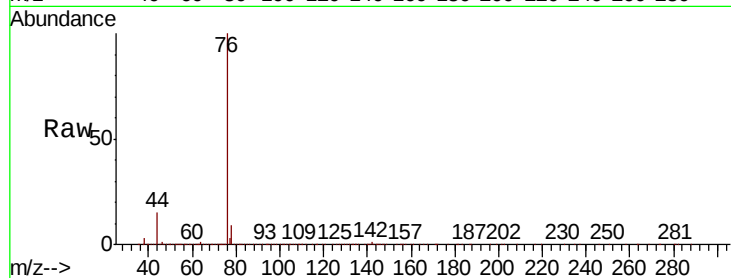
BP-TT-SW4002-20181211MSD

Tot Ion: 76 Resp: 756541

Ion Ratio Lower Upper

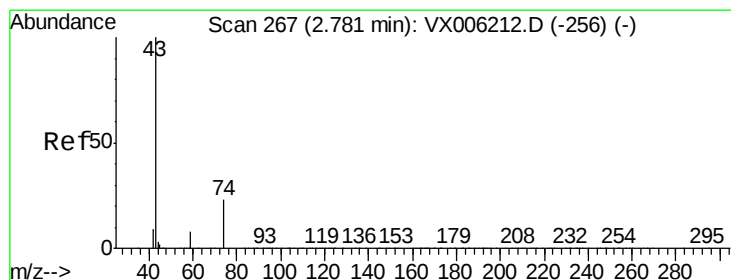
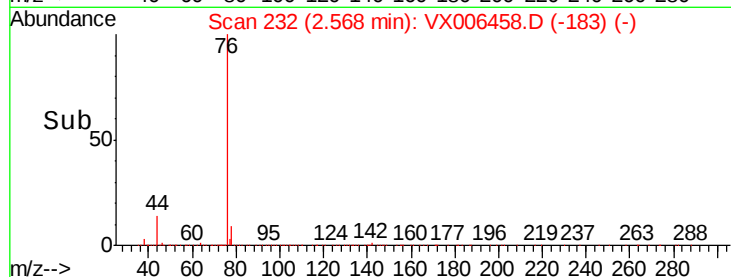
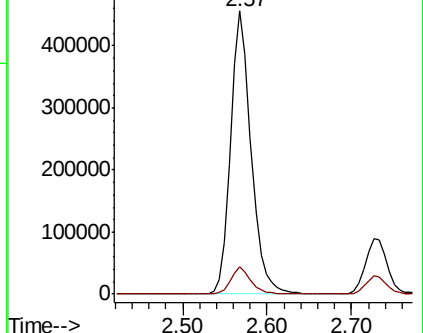
76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.517 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006458.D

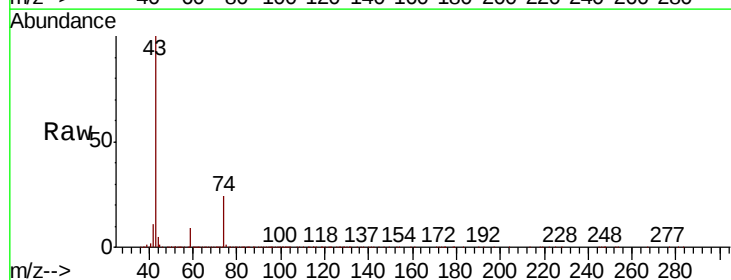
Acq: 12 Dec 2018 21:06

Tgt Ion: 43 Resp: 423278

Ion Ratio Lower Upper

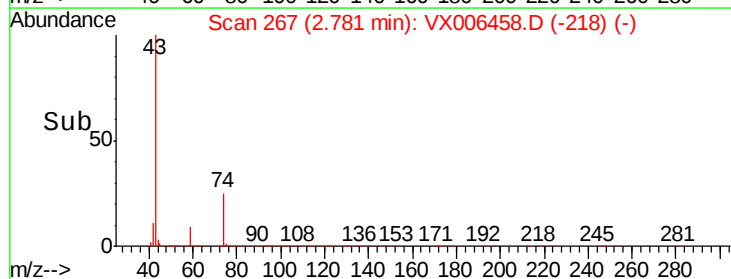
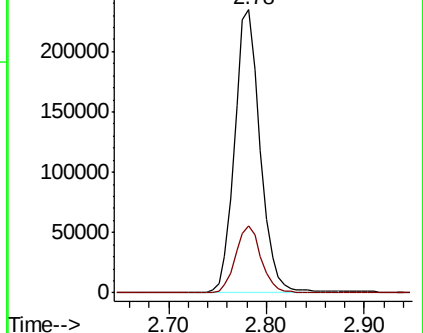
43 100

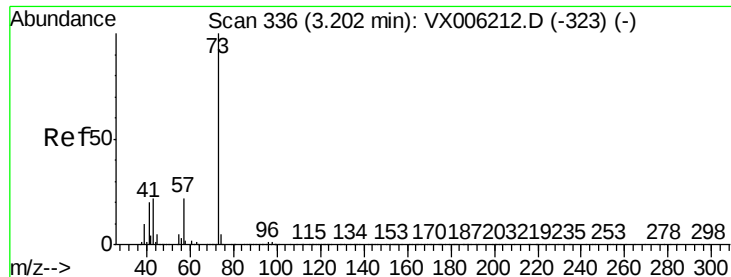
74 23.2 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



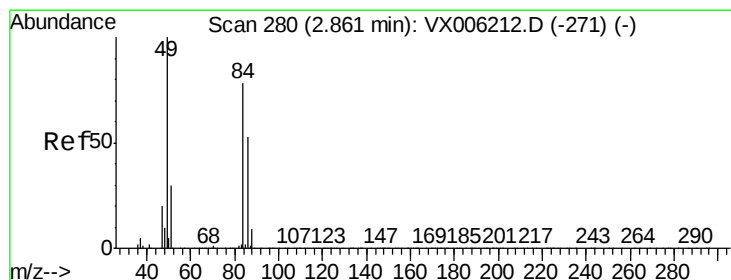
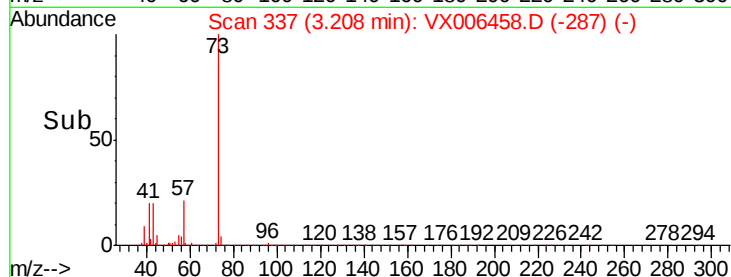
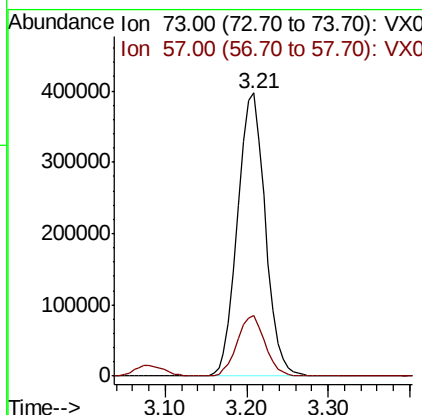
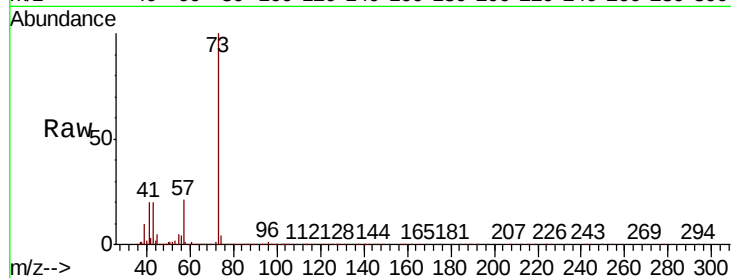


#19

Methyl tert-butyl Ether
 Concen: 52.076 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX006458.D
 Acq: 12 Dec 2018 21:06

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

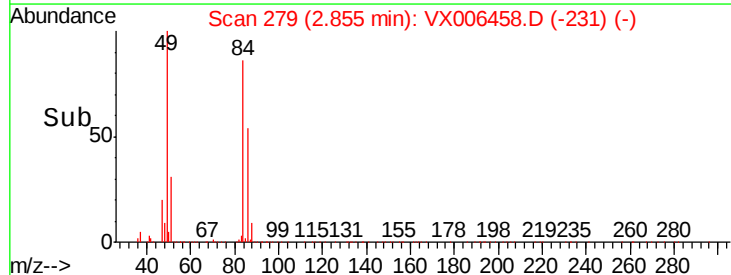
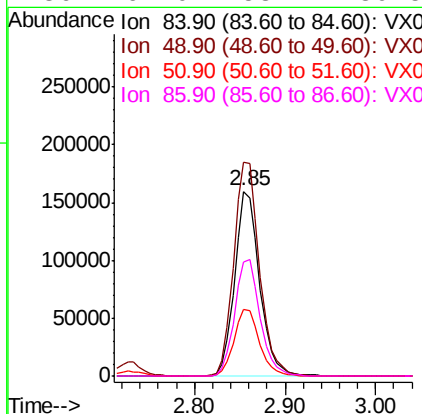
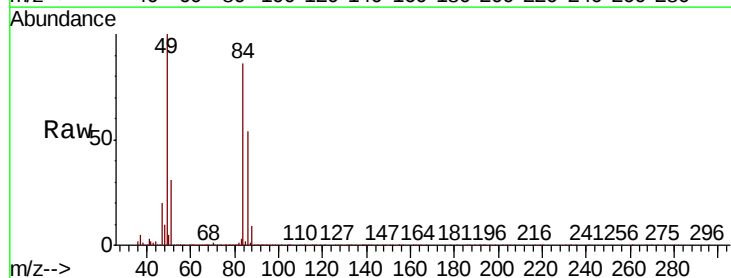
Tot Ion: 73 Resp: 934668
 Ion Ratio Lower Upper
 73 100
 57 21.4 17.5 26.3

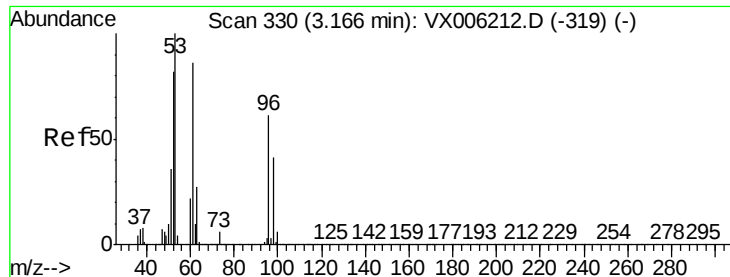


#20

Methylene Chloride
 Concen: 53.457 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX006458.D
 Acq: 12 Dec 2018 21:06

Tgt Ion: 84 Resp: 303046
 Ion Ratio Lower Upper
 84 100
 49 115.8 102.2 153.4
 51 35.8 31.1 46.7
 86 62.0 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 54.151 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MSD

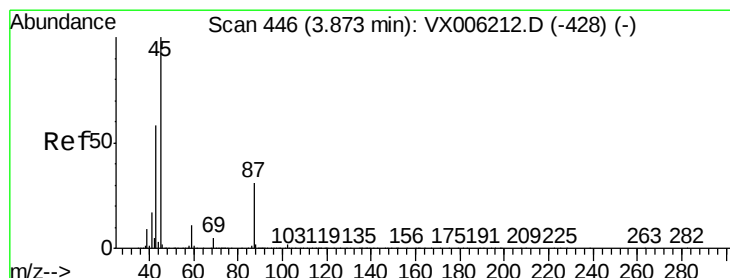
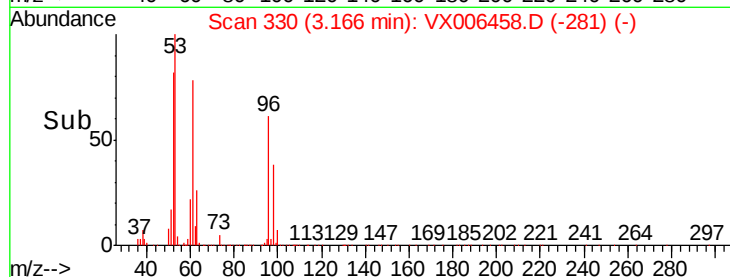
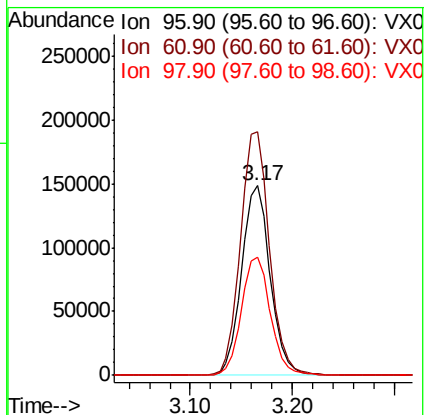
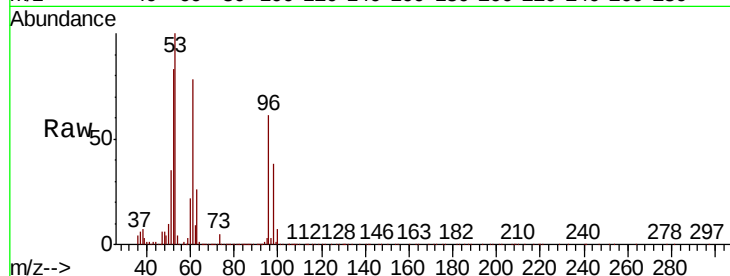
Tot Ion: 96 Resp: 290333

Ion Ratio Lower Upper

96 100

61 128.1 113.3 169.9

98 61.8 53.2 79.8



#22

Diisopropyl ether

Concen: 53.452 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Tgt Ion: 45 Resp: 829766

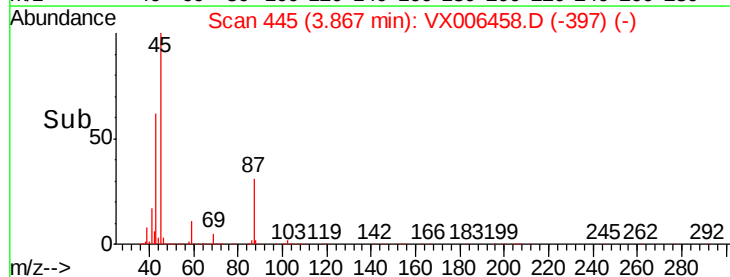
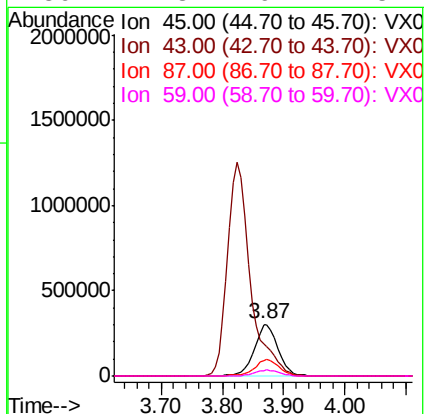
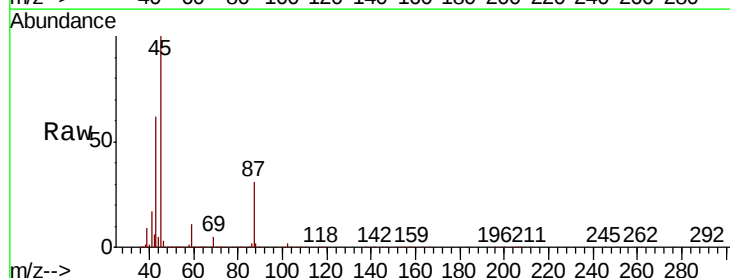
Ion Ratio Lower Upper

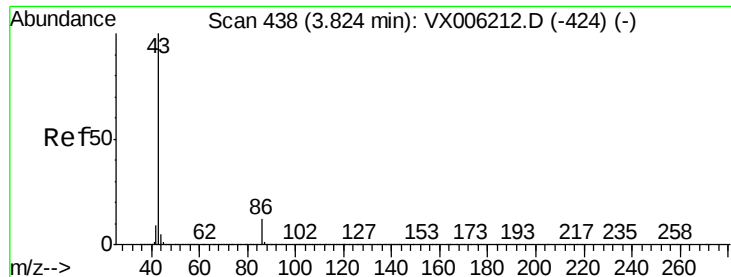
45 100

43 62.4 46.2 69.2

87 30.6 24.9 37.3

59 11.3 9.1 13.7





#23

Vinyl Acetate

Concen: 244.220 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

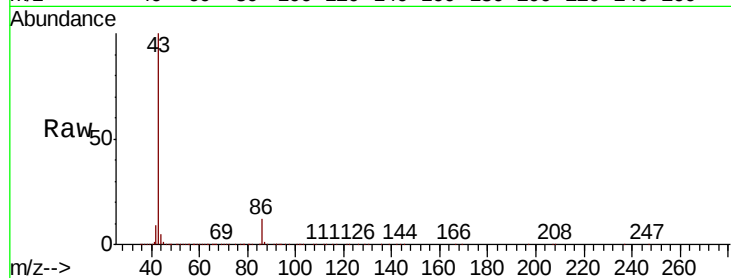
BP-TT-SW4002-20181211MSD

Tot Ion: 43 Resp: 3233525

Ion Ratio Lower Upper

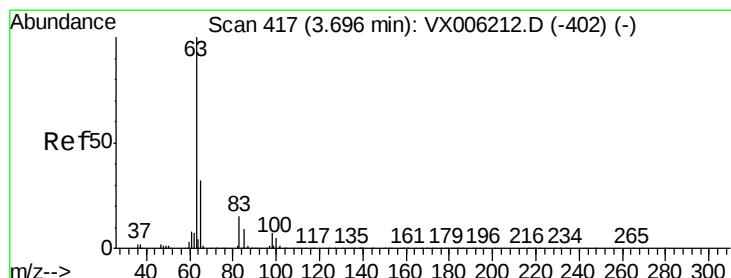
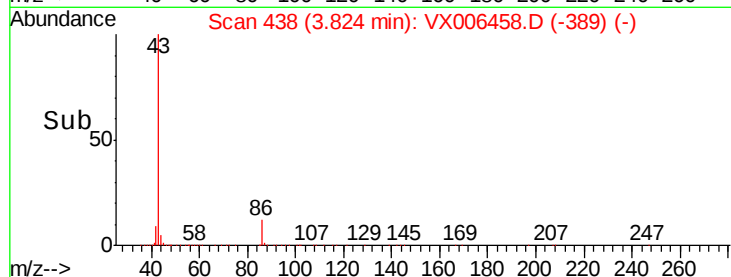
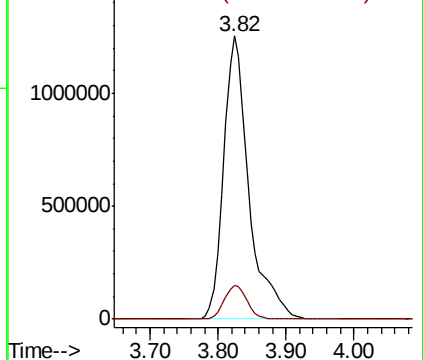
43 100

86 12.1 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 54.212 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

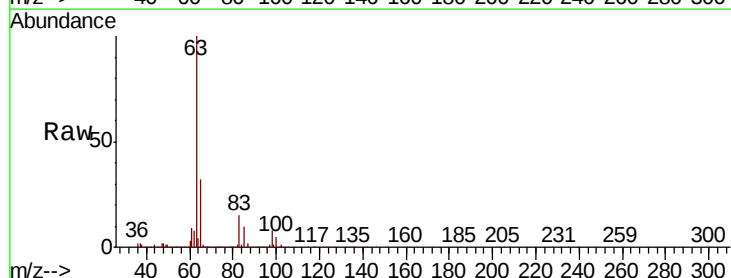
Tgt Ion: 63 Resp: 481011

Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.4

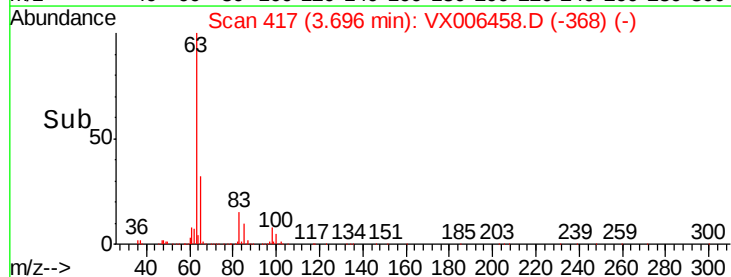
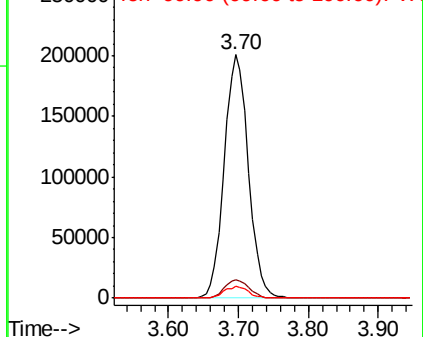
100 4.8 2.5 7.4

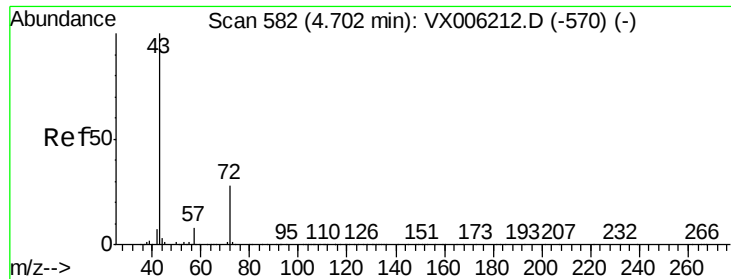


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

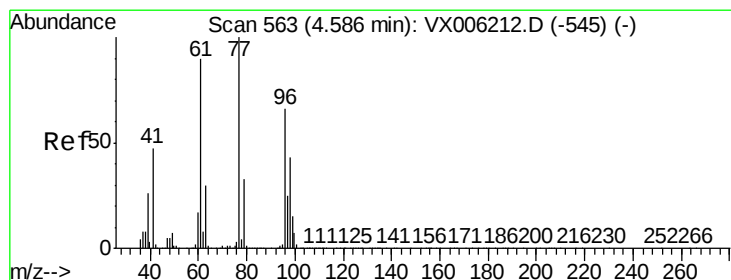
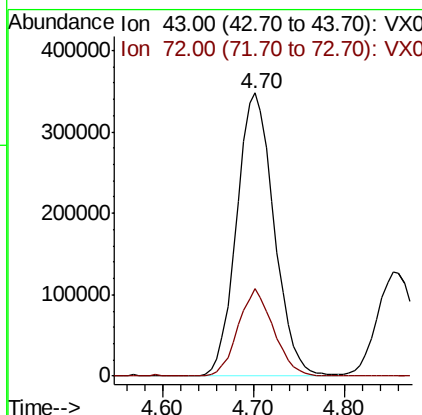
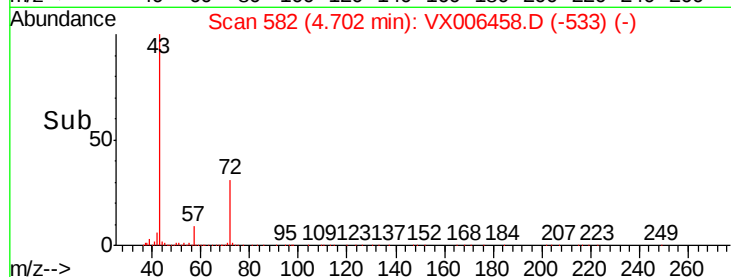
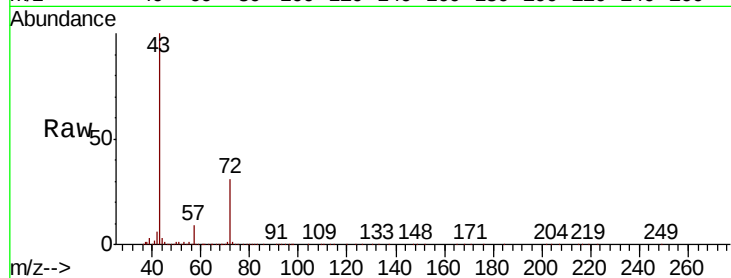




#25
2-Butanone
Concen: 262.213 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

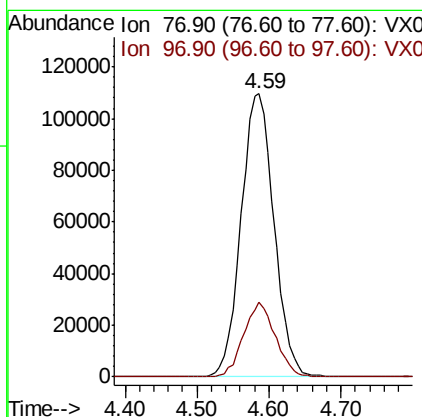
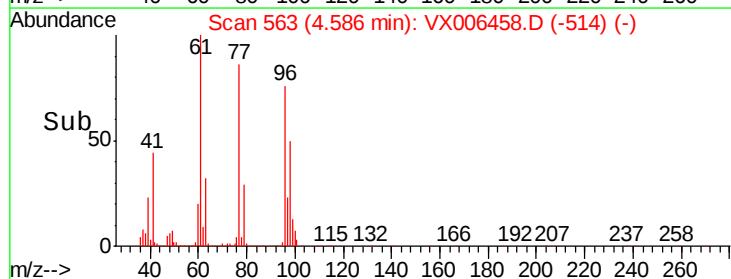
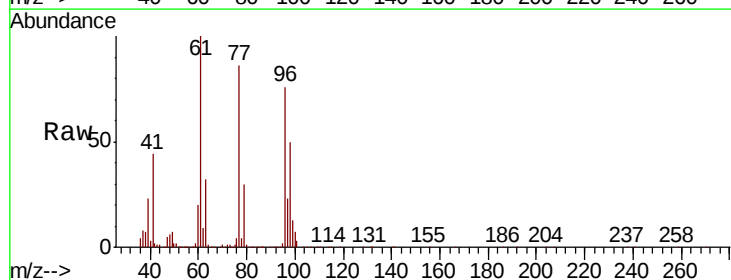
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MSD

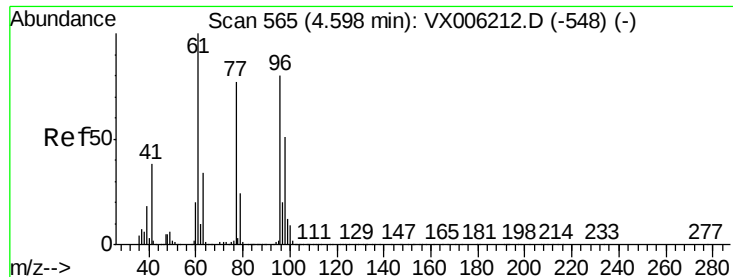
Tot Ion: 43 Resp: 996597
Ion Ratio Lower Upper
43 100
72 31.0 22.6 33.8



#26
2,2-Dichloropropane
Concen: 42.457 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion: 77 Resp: 347669
Ion Ratio Lower Upper
77 100
97 25.5 12.3 36.8



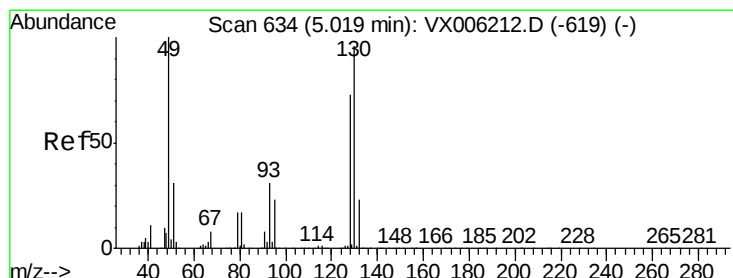
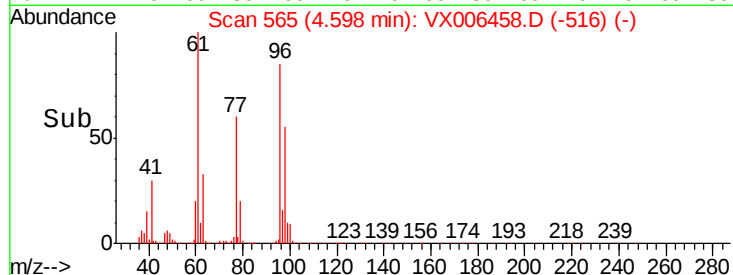
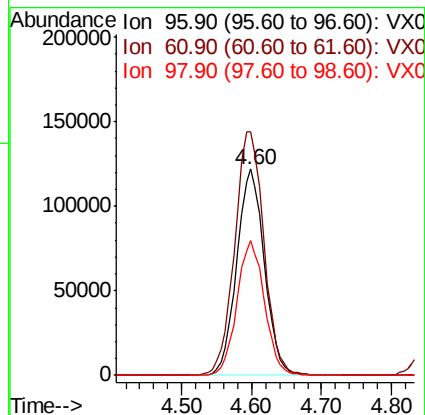
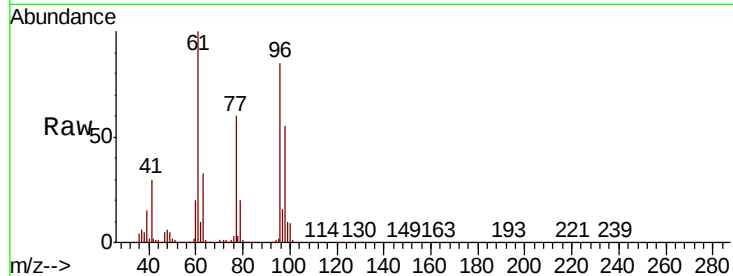


#27

cis-1,2-Dichloroethene
Concen: 55.950 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

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

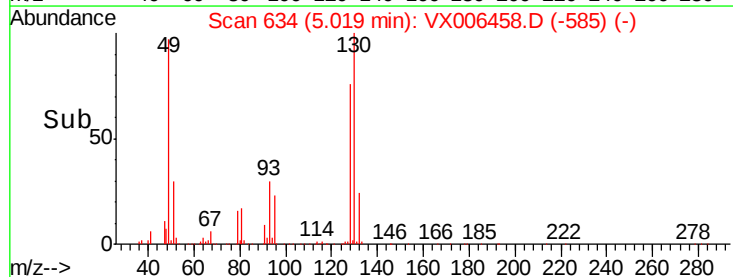
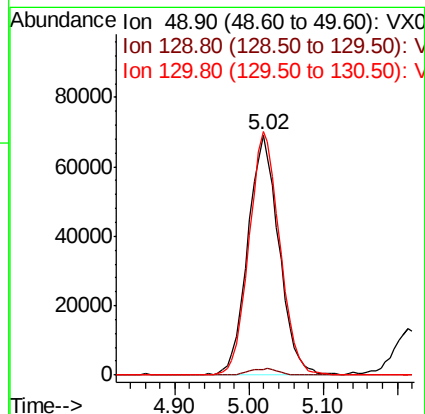
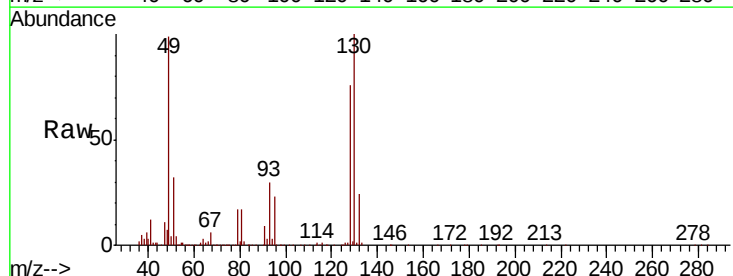
Tot Ion	Ratio	Lower	Upper
96	100		
61	125.1	0.0	265.0
98	65.1	0.0	130.2

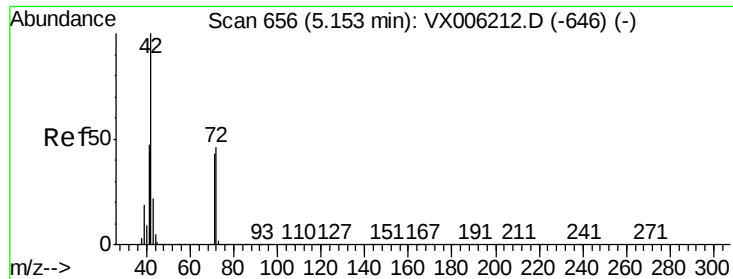


#28

Bromochloromethane
Concen: 52.321 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	100.1	78.3	117.5

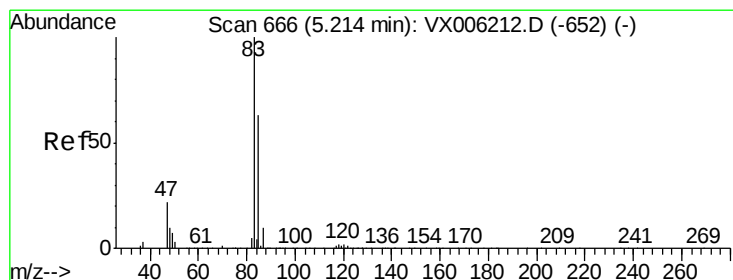
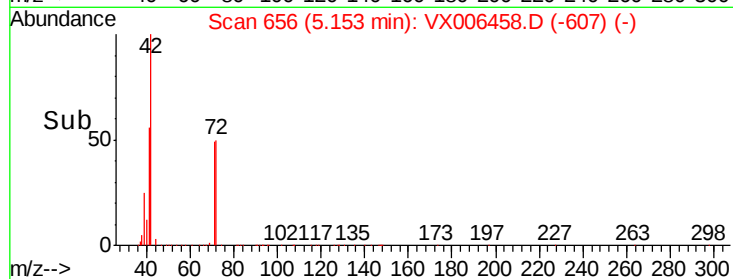
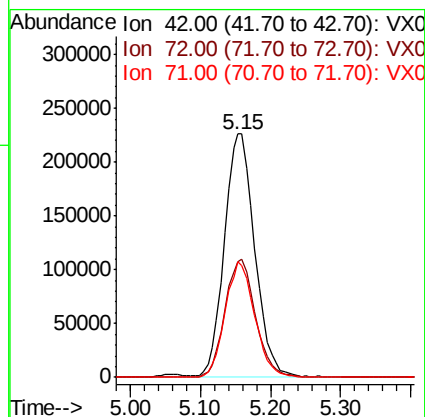
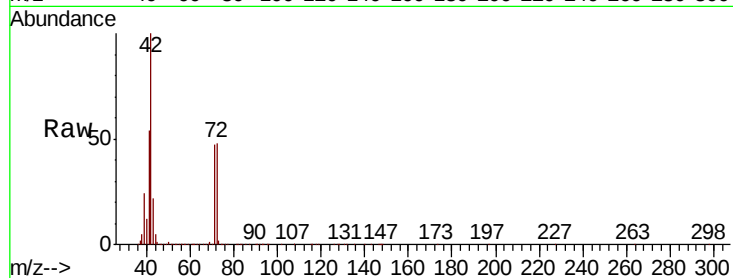




#29
Tetrahydrofuran
Concen: 257.234 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

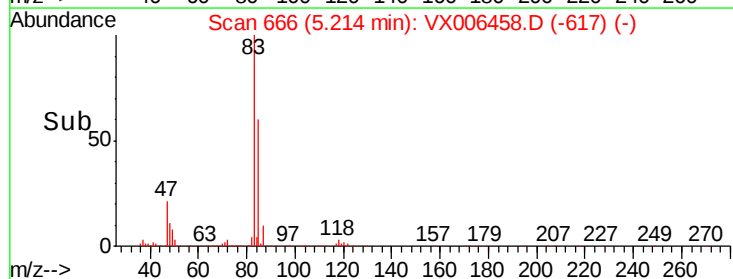
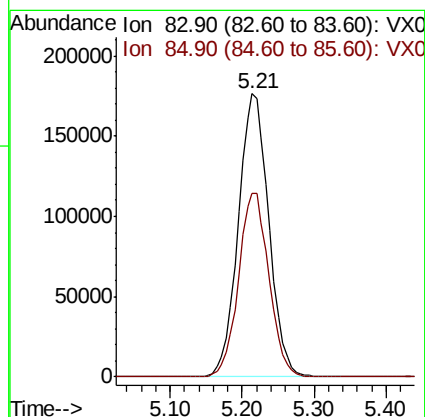
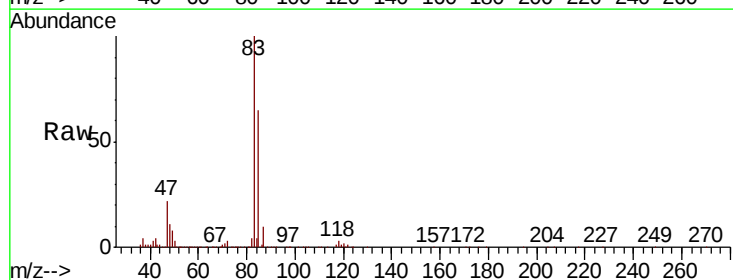
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MSD

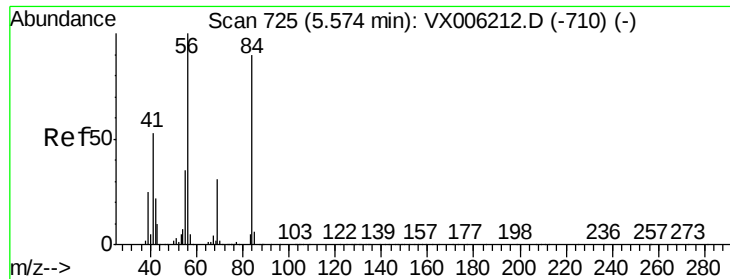
Tot Ion: 42 Resp: 679483
Ion Ratio Lower Upper
42 100
72 48.7 37.8 56.8
71 46.2 35.2 52.8



#30
Chloroform
Concen: 55.382 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion: 83 Resp: 516398
Ion Ratio Lower Upper
83 100
85 64.6 50.3 75.5

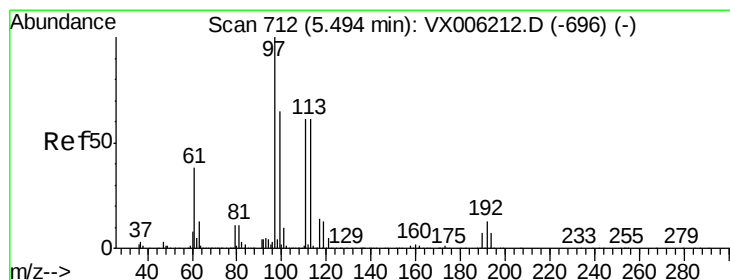
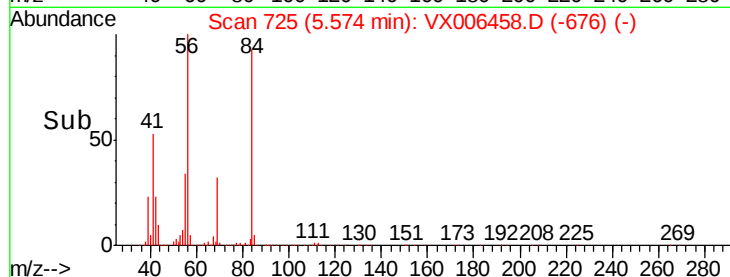
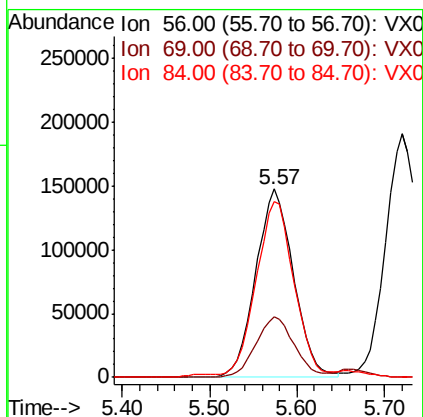
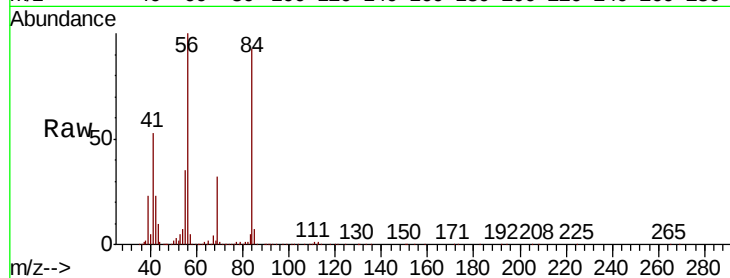




#31
Cyclohexane
Concen: 54.121 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

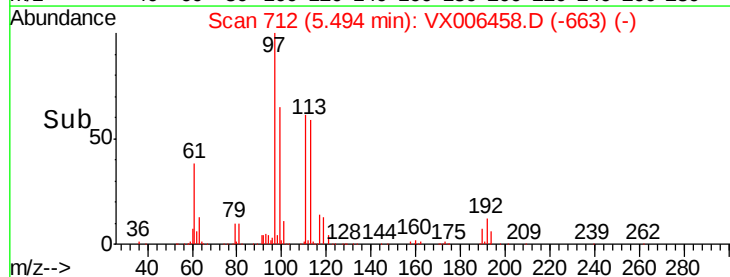
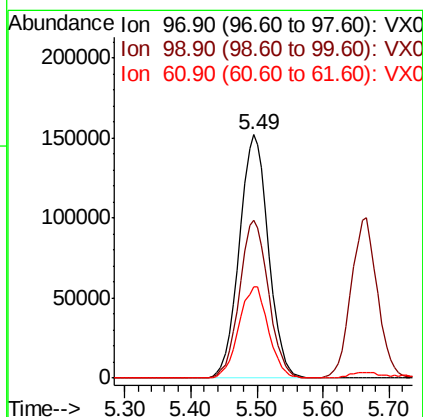
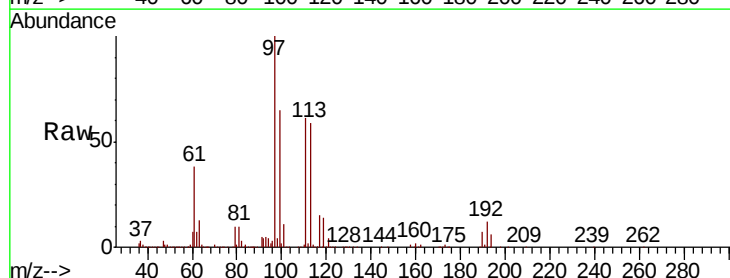
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MSD

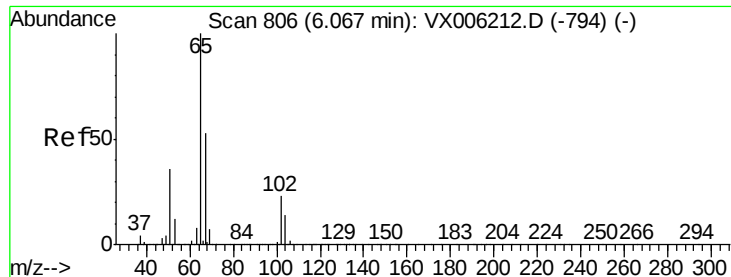
Tot Ion: 56 Resp: 443788
Ion Ratio Lower Upper
56 100
69 32.0 24.5 36.7
84 92.3 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 52.143 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion: 97 Resp: 462593
Ion Ratio Lower Upper
97 100
99 65.0 51.6 77.4
61 38.3 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 52.324 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

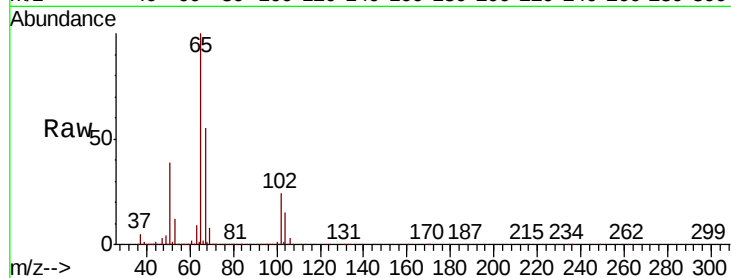
BP-TT-SW4002-20181211MSD

Tot Ion: 65 Resp: 296988

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

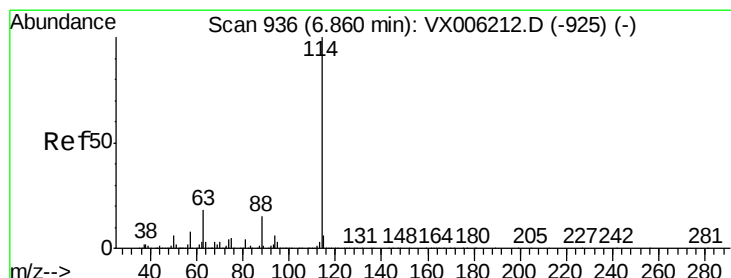
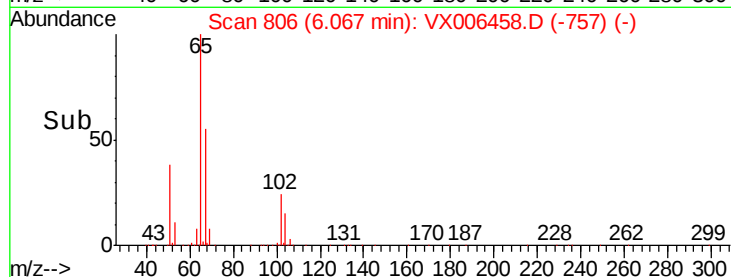
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

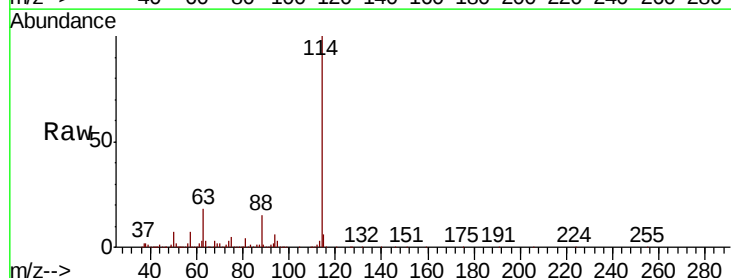
Tgt Ion: 114 Resp: 850221

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.6

88 15.1 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

6.86

500000

400000

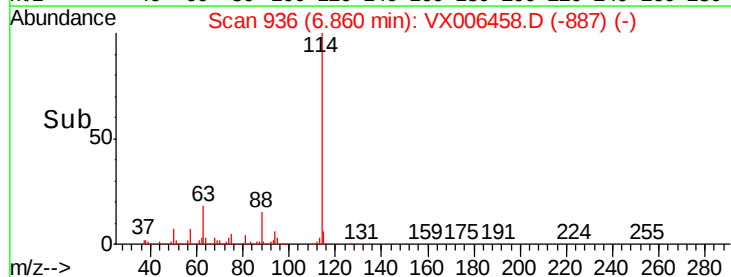
300000

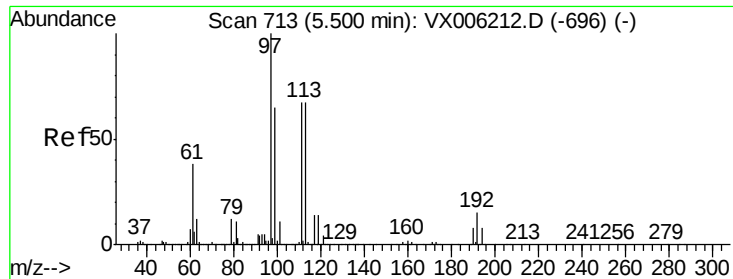
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 51.584 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MSD

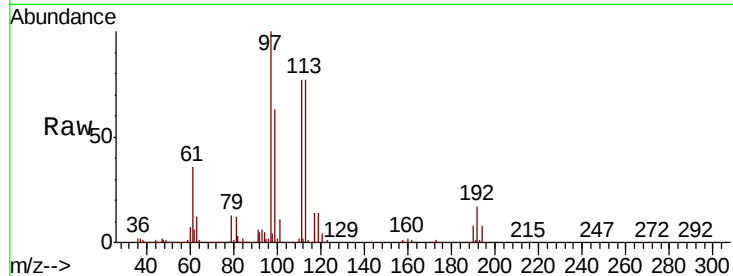
Tot Ion:113 Resp: 283960

Ion Ratio Lower Upper

113 100

111 102.5 81.1 121.7

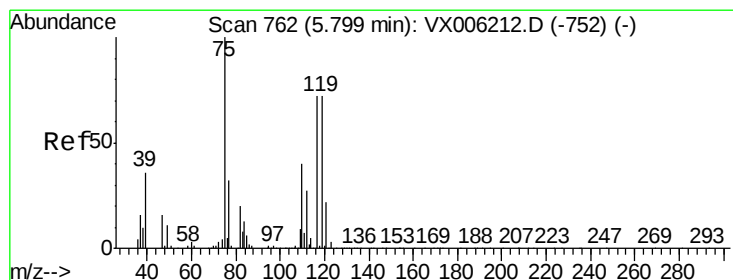
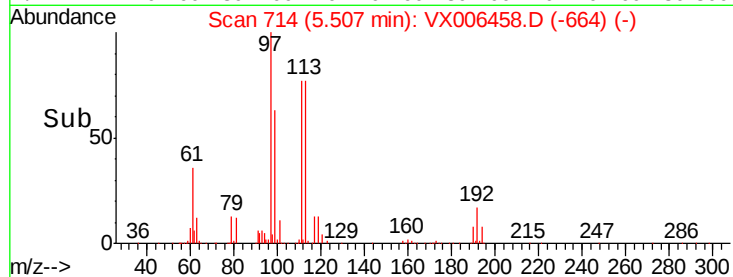
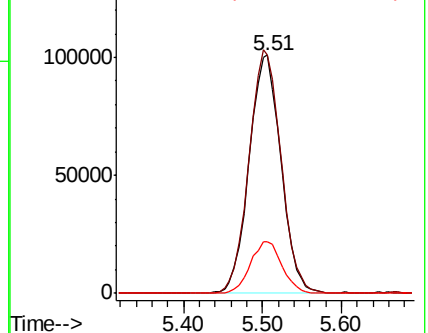
192 21.8 18.2 27.2



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: 53.210 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

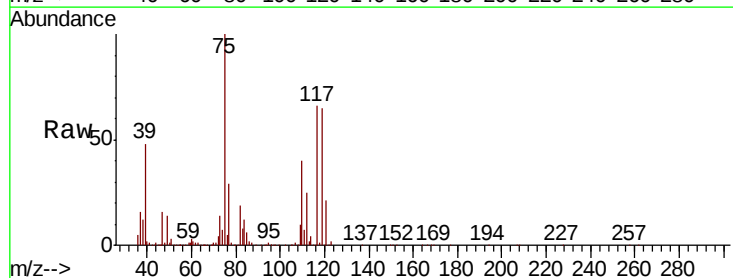
Tgt Ion: 75 Resp: 380969

Ion Ratio Lower Upper

75 100

110 40.3 20.4 61.3

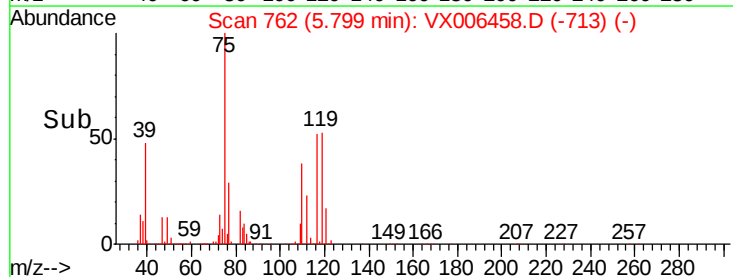
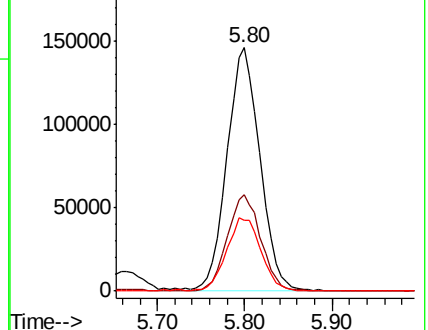
77 31.2 24.9 37.3

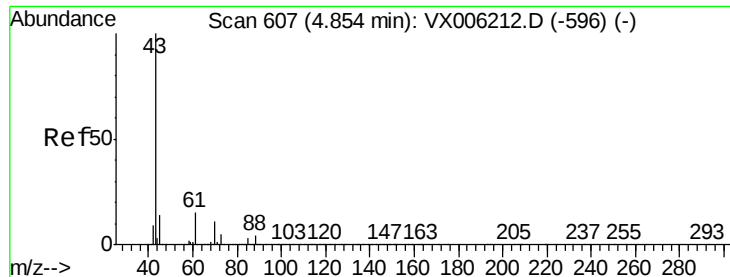


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

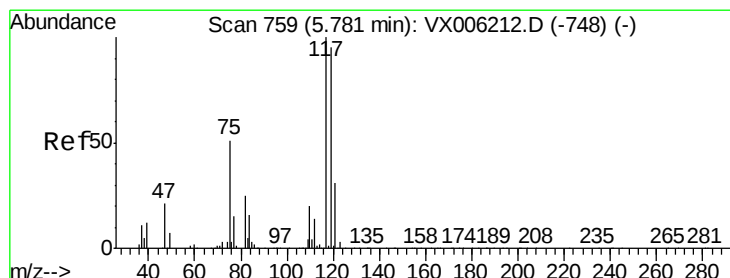
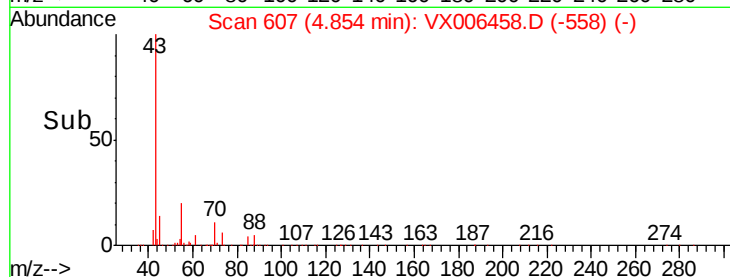
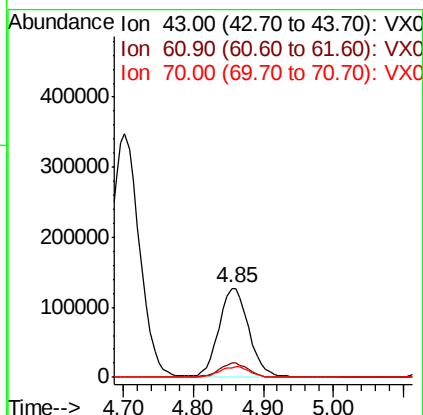
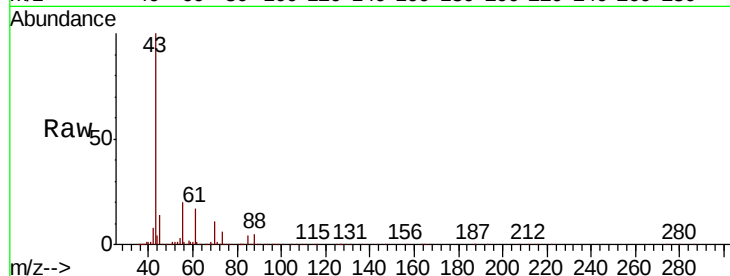




#37
Ethyl Acetate
Concen: 47.173 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

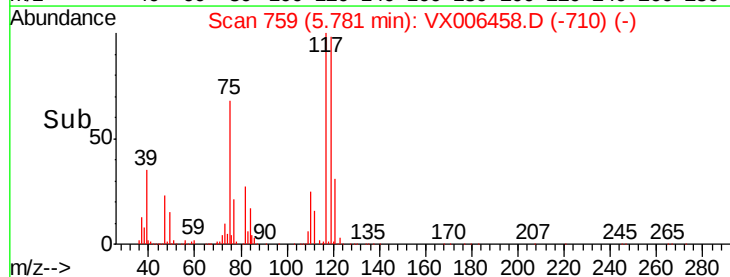
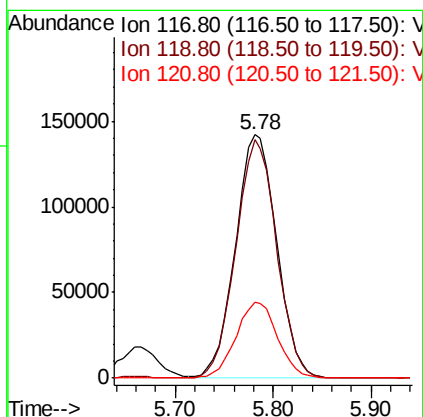
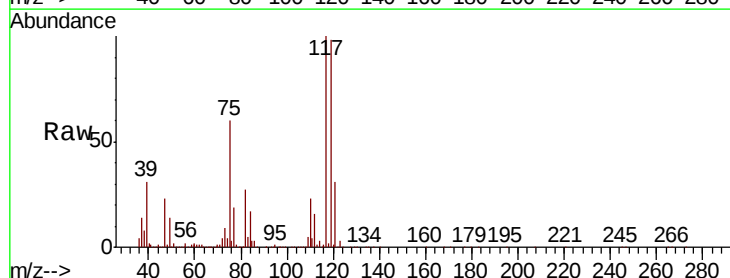
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MSD

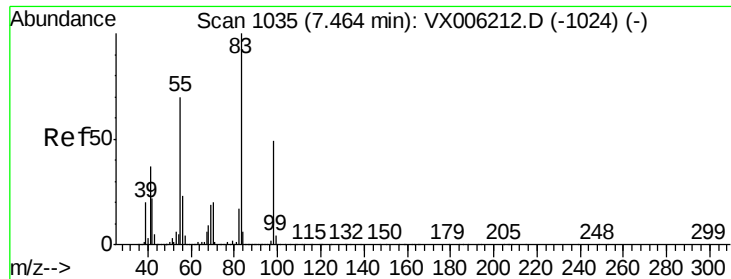
Tot Ion: 43 Resp: 378229
Ion Ratio Lower Upper
43 100
61 15.6 11.5 17.3
70 12.1 9.0 13.6



#38
Carbon Tetrachloride
Concen: 49.252 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion: 117 Resp: 414840
Ion Ratio Lower Upper
117 100
119 98.3 75.8 113.8
121 31.2 24.6 37.0

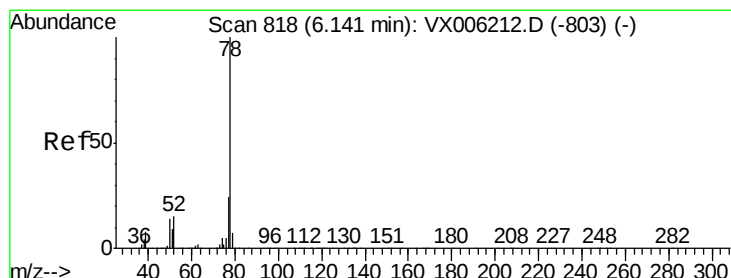
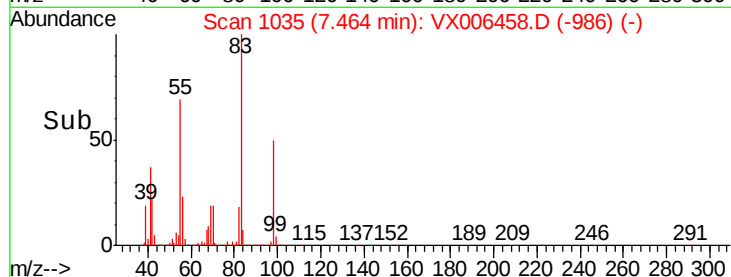
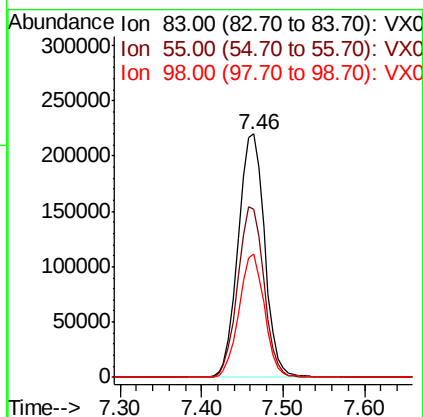
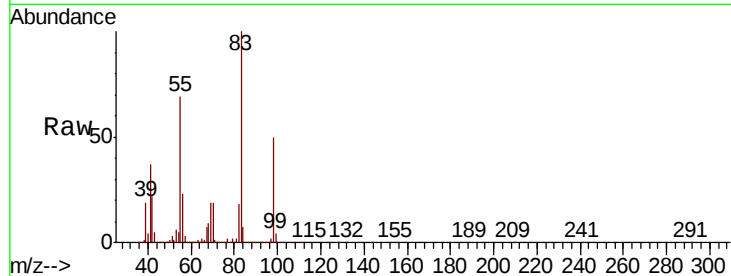




#39
Methvlcvclohexane
Concen: 53.070 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

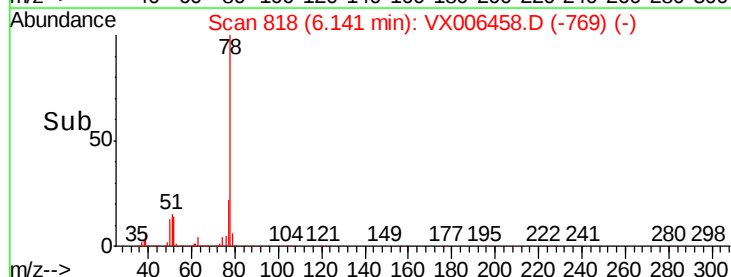
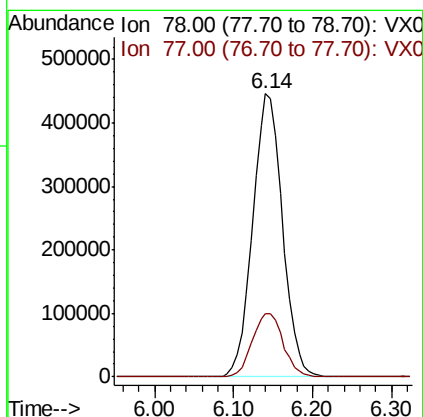
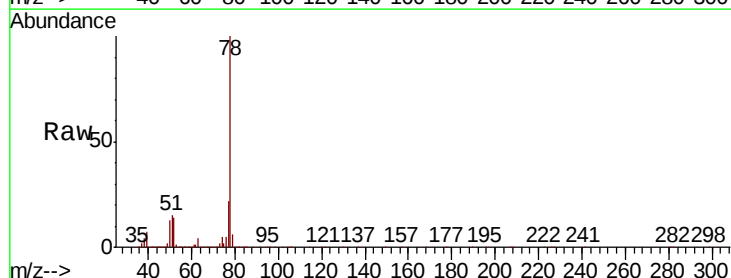
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MSD

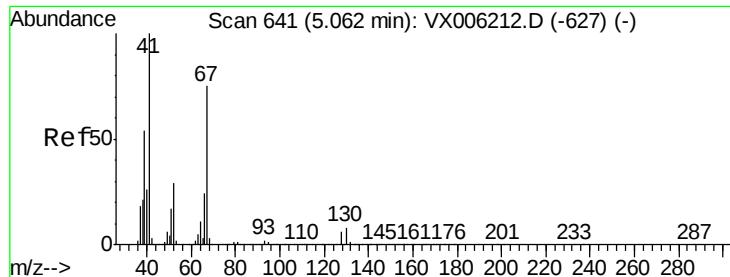
Tot Ion	83	Resp	493210
Ion Ratio	Lower	Upper	
83	100		
55	68.8	56.4	84.6
98	50.4	39.0	58.6



#40
Benzene
Concen: 54.564 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion	78	Resp	1170070
Ion Ratio	Lower	Upper	
78	100		
77	22.4	19.2	28.8





#41

Methacrylonitrile

Concen: 49.749 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion: 41 Resp: 219490

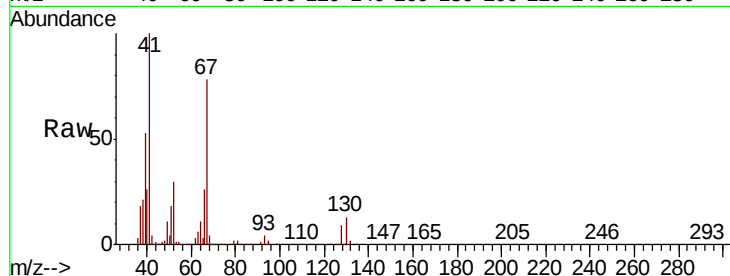
Ion Ratio Lower Upper

41 100

39 54.6 44.0 66.0

67 78.6 61.4 92.0

52 29.7 23.5 35.3

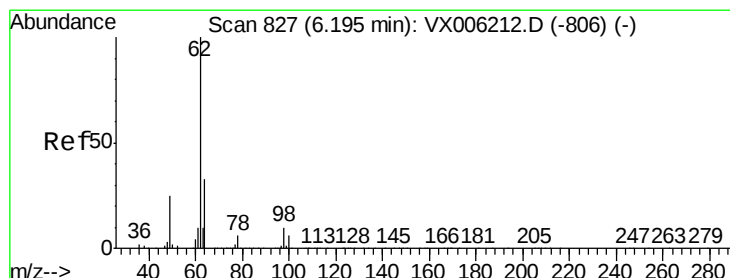
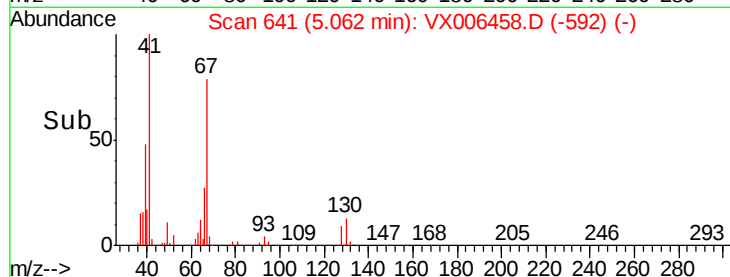
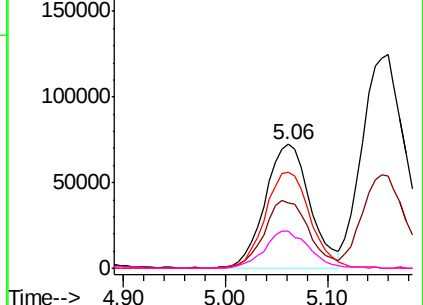


Abundance Ion 41.00 (40.70 to 41.70): VX0

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



#42

1,2-Dichloroethane

Concen: 54.303 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006458.D

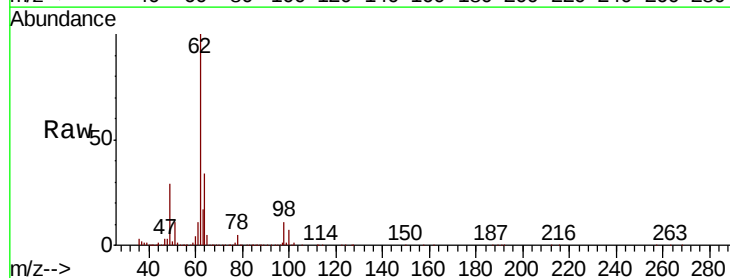
Acq: 12 Dec 2018 21:06

Tgt Ion: 62 Resp: 381108

Ion Ratio Lower Upper

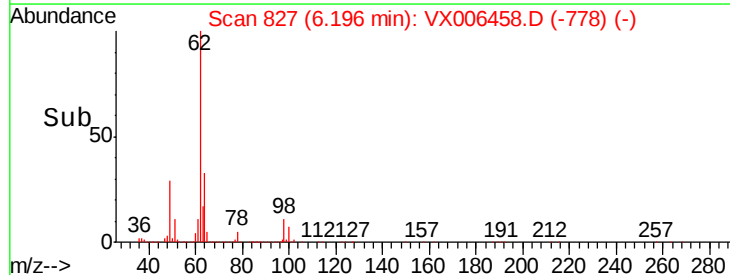
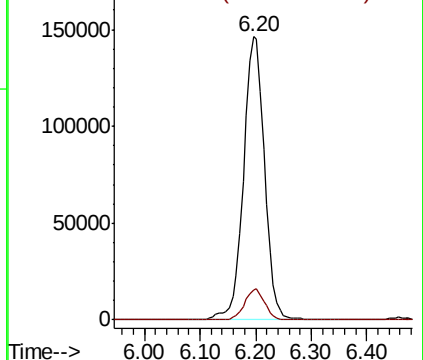
62 100

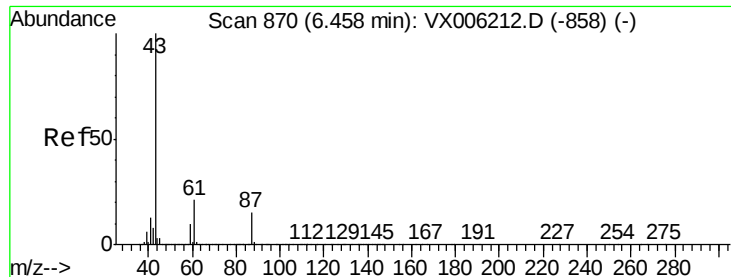
98 10.6 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



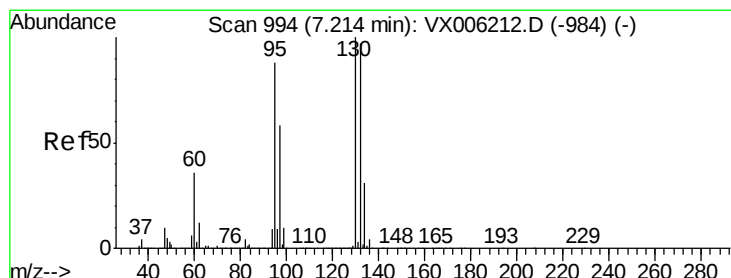
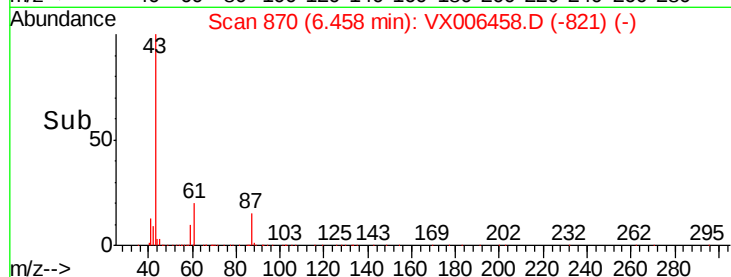
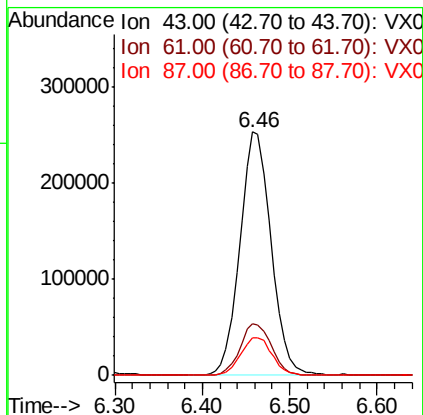
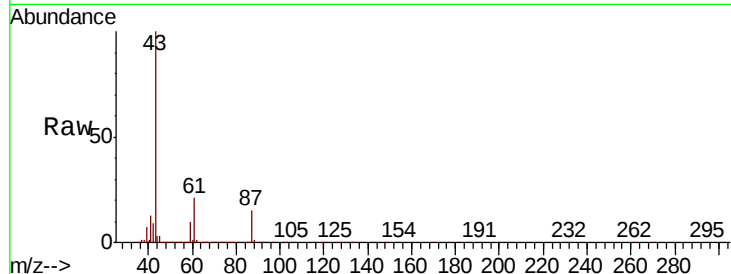


#43

Isopropyl Acetate
 Concen: 46.706 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006458.D
 Acq: 12 Dec 2018 21:06

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

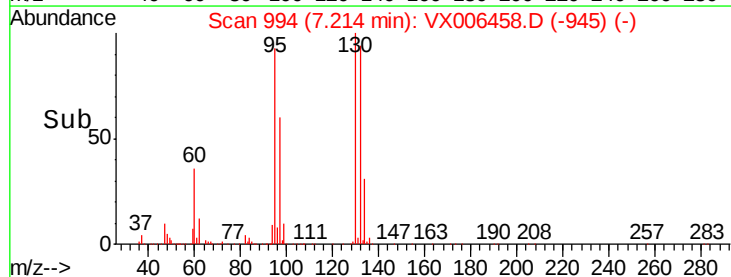
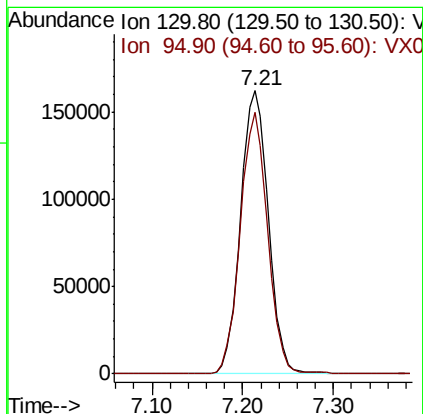
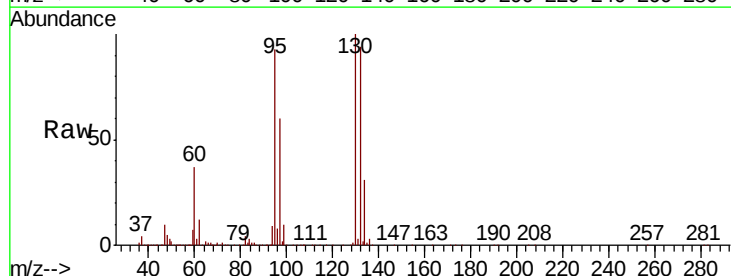
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.5	16.8	25.2
87	15.9	11.9	17.9



#44

Trichloroethene
 Concen: 53.123 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006458.D
 Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	175.8





#45

1,2-Dichloropropane

Concen: 53.058 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

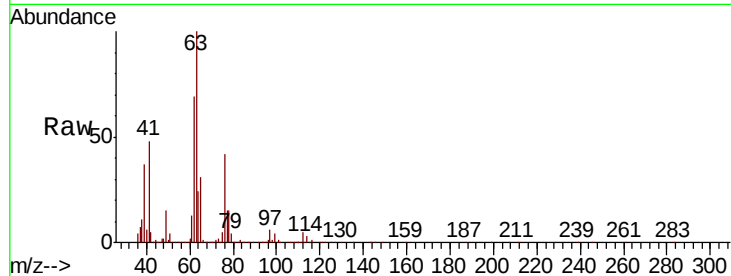
BP-TT-SW4002-20181211MSD

Tot Ion: 63 Resp: 289168

Ion Ratio Lower Upper

63 100

65 30.8 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

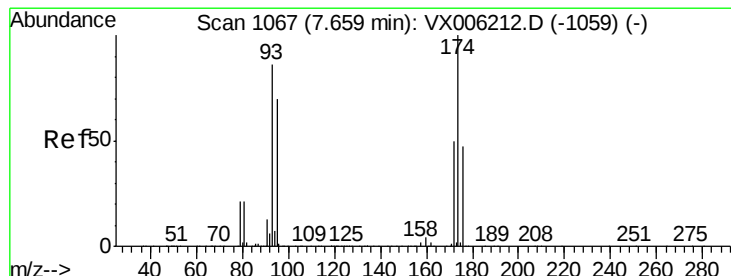
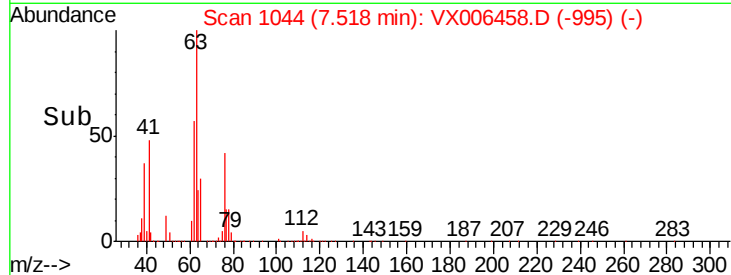
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#46

Dibromomethane

Concen: 53.246 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

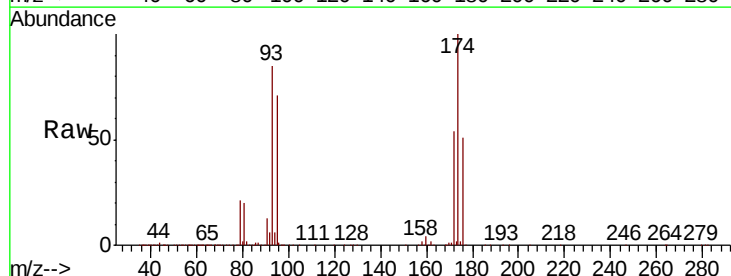
Tgt Ion: 93 Resp: 209582

Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.4

174 116.6 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

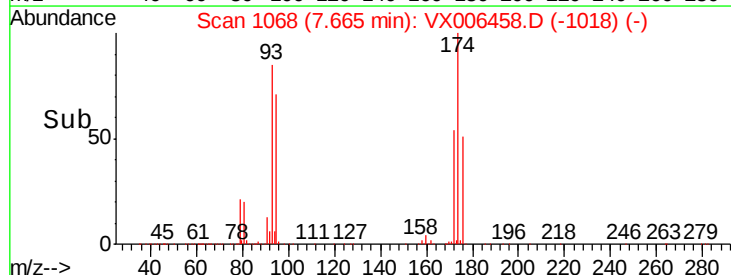
150000

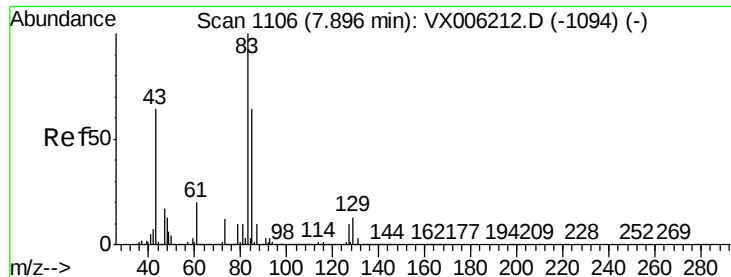
100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 49.483 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MSD

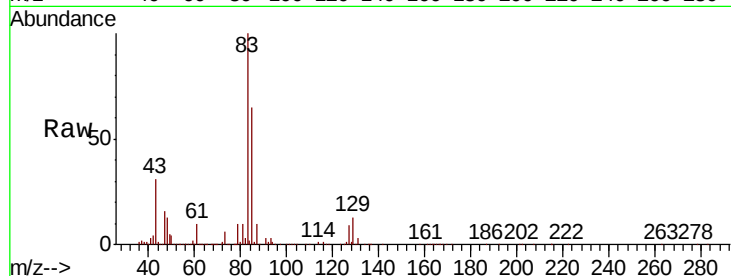
Tot Ion: 83 Resp: 377184

Ion Ratio Lower Upper

83 100

85 65.4 51.4 77.0

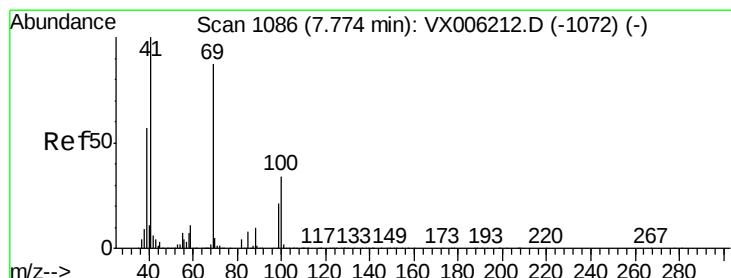
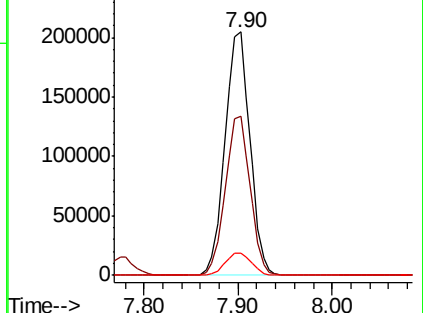
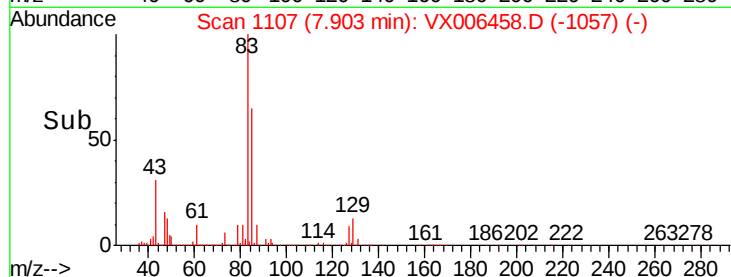
127 9.3 7.9 11.9



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

Methyl methacrylate

Concen: 49.710 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

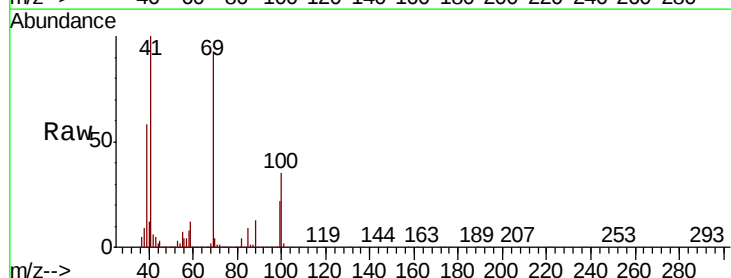
Tgt Ion: 41 Resp: 323291

Ion Ratio Lower Upper

41 100

69 91.9 70.3 105.5

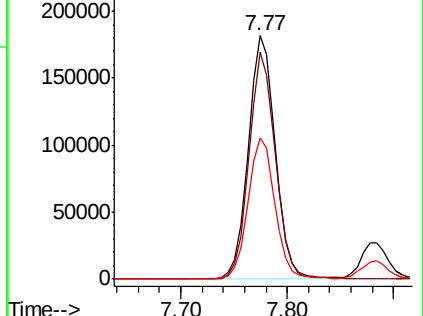
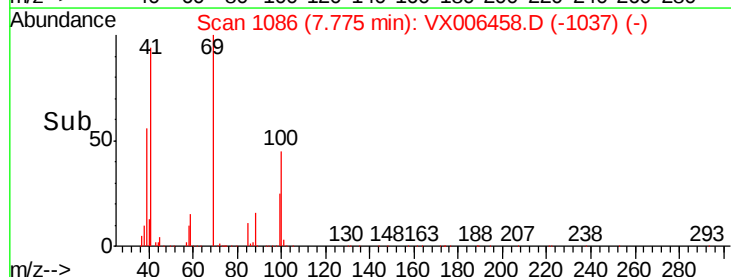
39 57.8 45.3 67.9

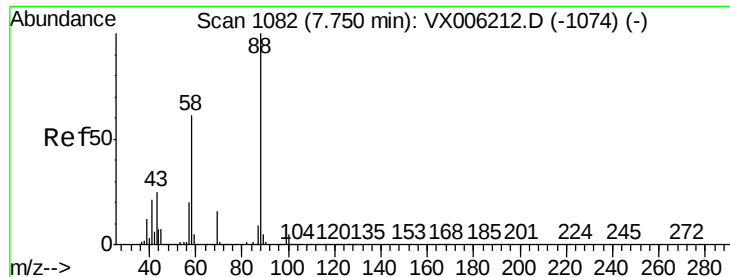


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1010.067 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MSD

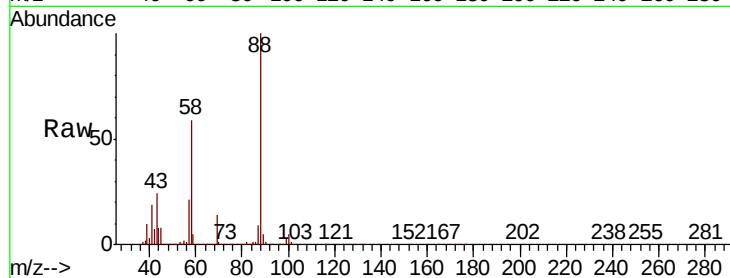
Tot Ion: 88 Resp: 161902

Ion Ratio Lower Upper

88 100

43 26.9 23.2 34.8

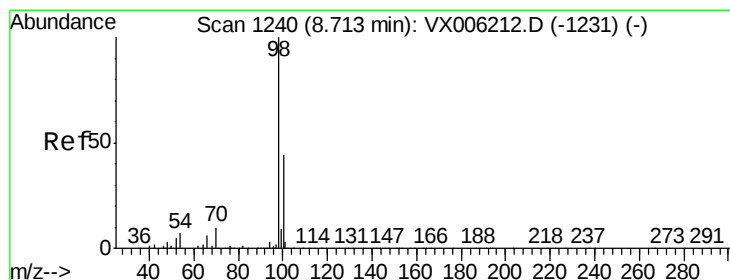
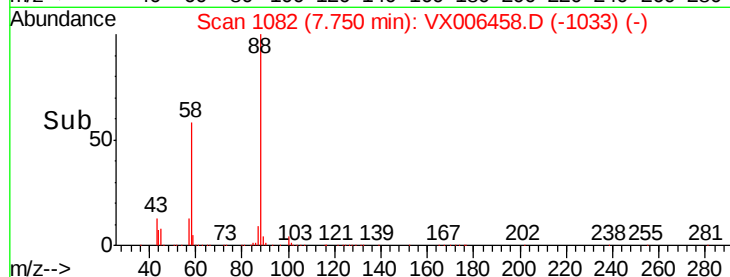
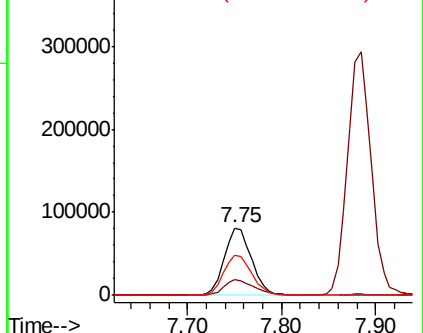
58 61.4 51.4 77.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.629 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006458.D

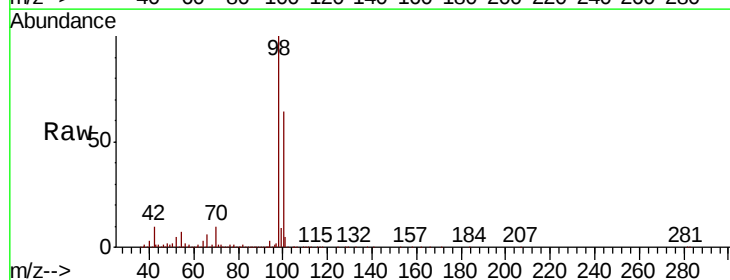
Acq: 12 Dec 2018 21:06

Tgt Ion: 98 Resp: 1033792

Ion Ratio Lower Upper

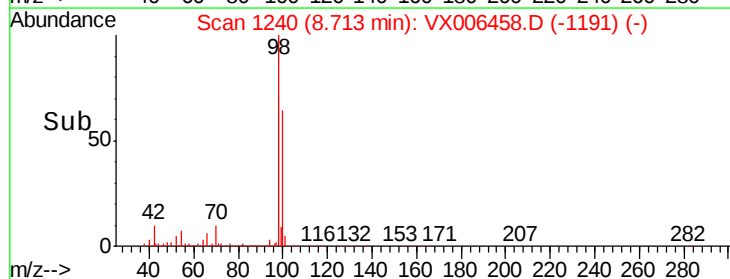
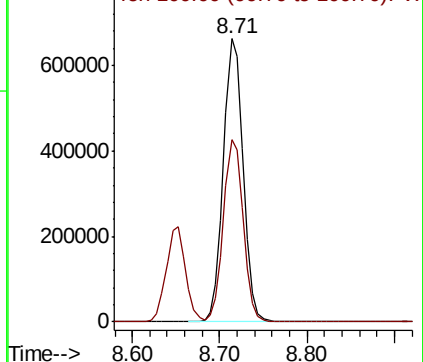
98 100

100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 252.623 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

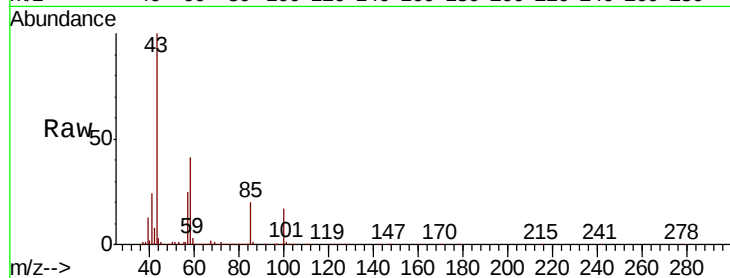
BP-TT-SW4002-20181211MSD

Tot Ion: 43 Resp: 1965978

Ion Ratio Lower Upper

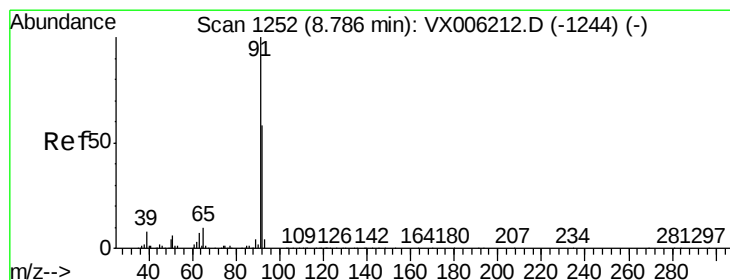
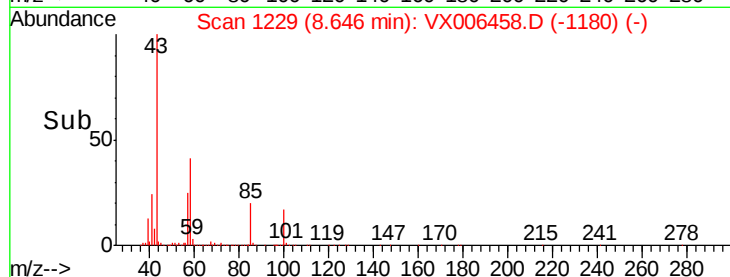
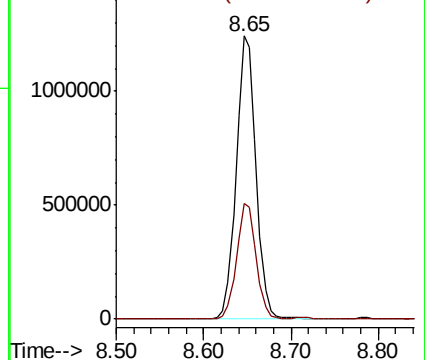
43 100

58 40.4 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 54.907 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006458.D

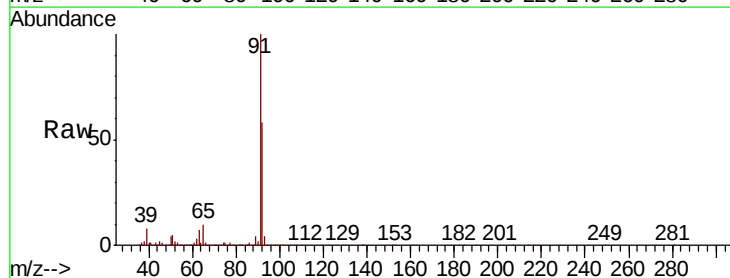
Acq: 12 Dec 2018 21:06

Tgt Ion: 92 Resp: 774629

Ion Ratio Lower Upper

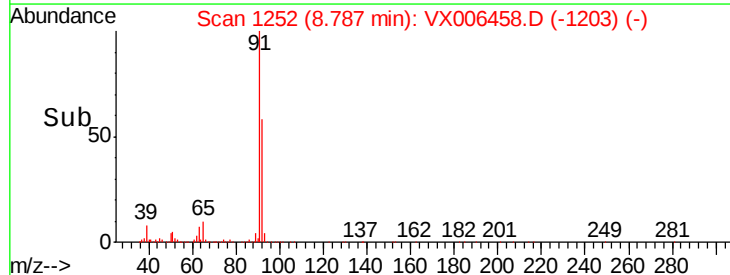
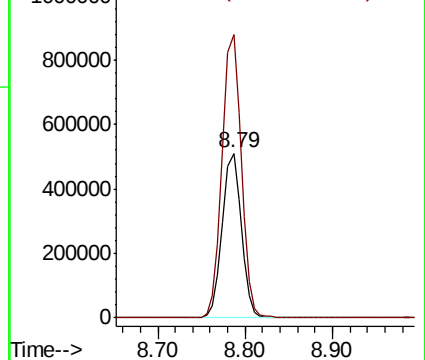
92 100

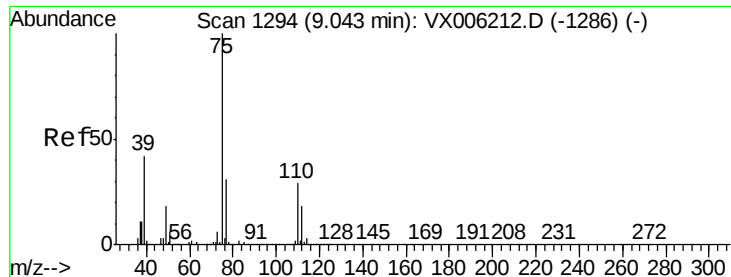
91 172.9 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

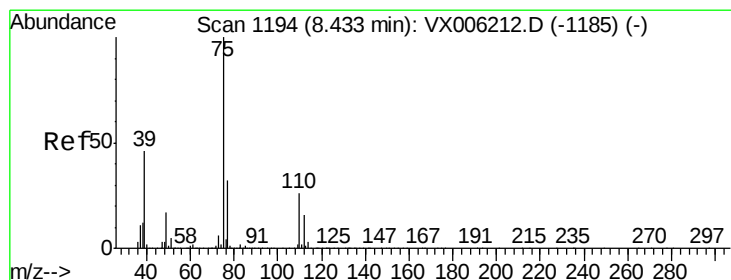
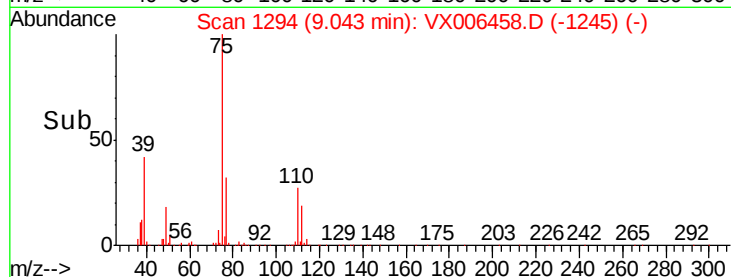
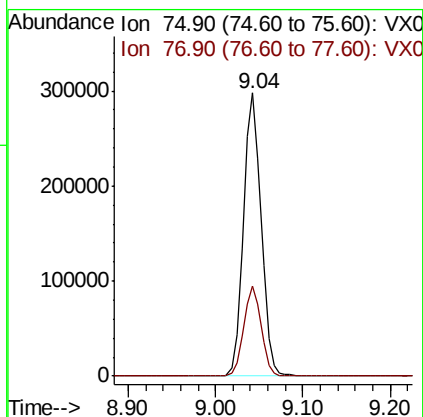
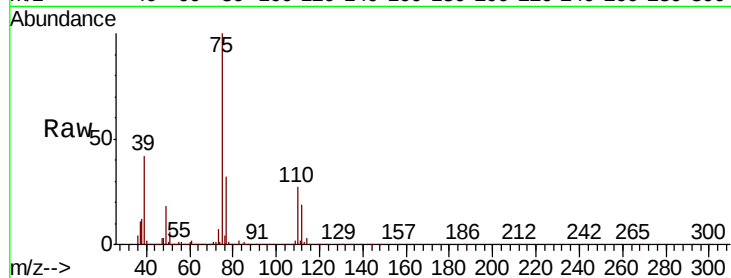




#53
t-1,3-Dichloropropene
Concen: 47.032 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

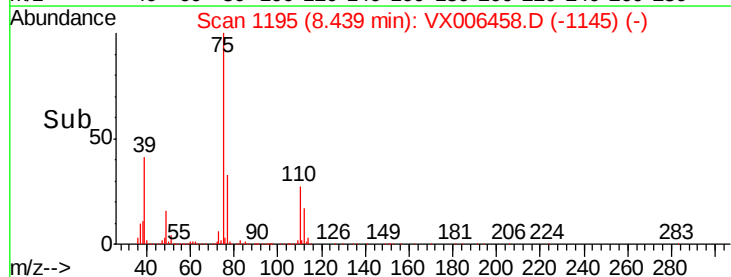
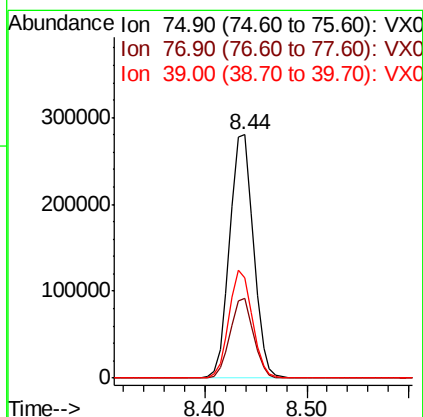
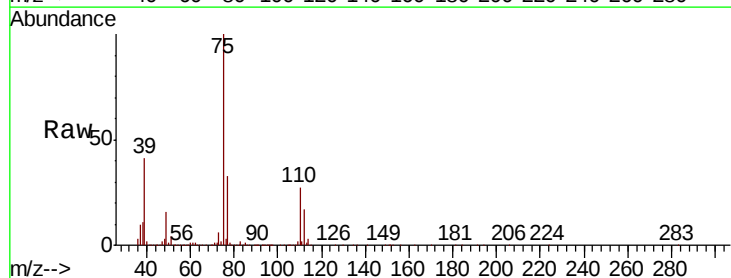
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MSD

Tot Ion: 75 Resp: 419262
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 48.723 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion: 75 Resp: 451014
Ion Ratio Lower Upper
75 100
77 32.8 25.6 38.4
39 41.1 36.5 54.7





#55

1,1,2-Trichloroethane

Concen: 54.864 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion: 97 Resp: 314451

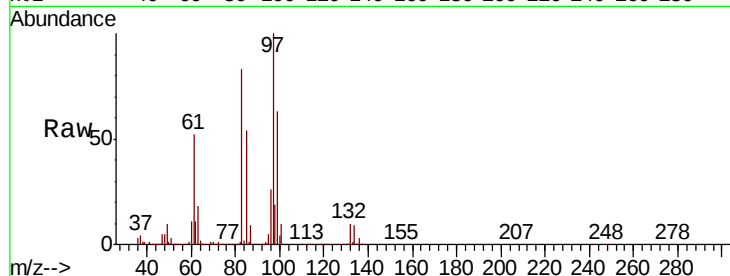
Ion Ratio Lower Upper

97 100

83 82.5 67.1 100.7

85 54.4 43.2 64.8

99 63.2 49.8 74.6

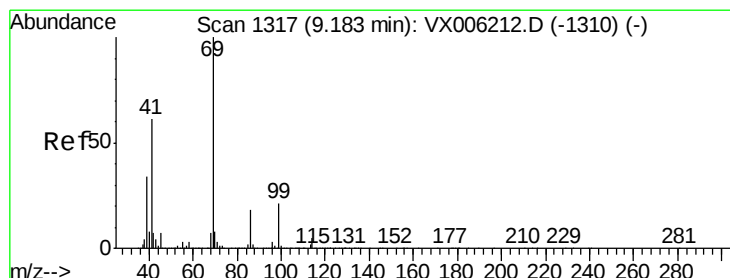
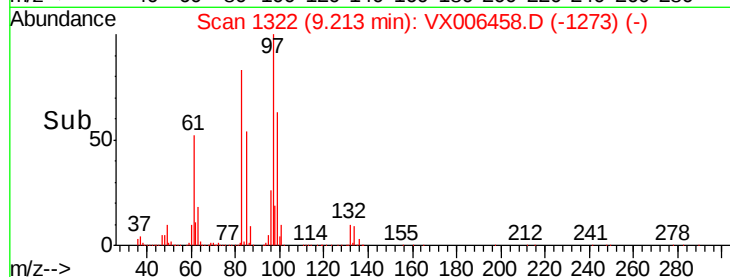
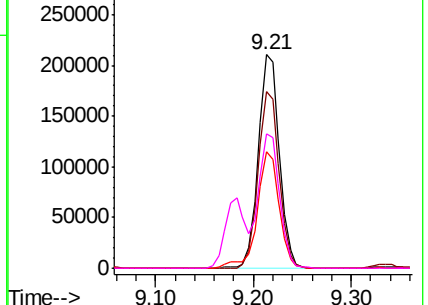


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 52.095 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

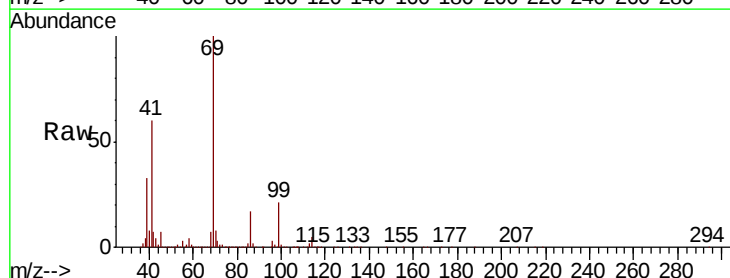
Tgt Ion: 69 Resp: 466773

Ion Ratio Lower Upper

69 100

41 60.5 50.6 76.0

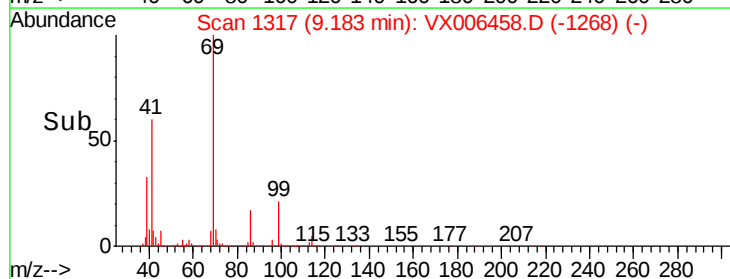
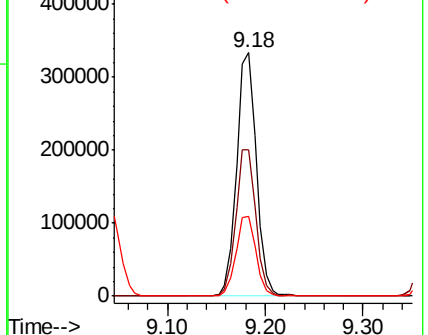
39 33.1 27.6 41.4

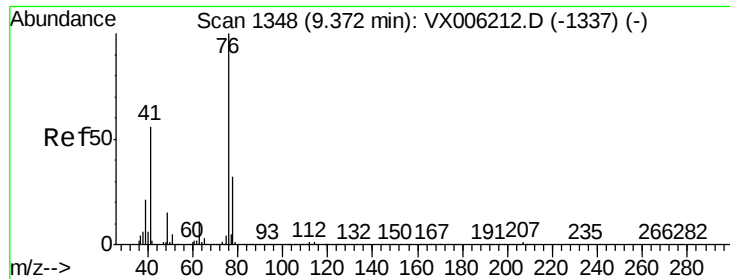


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 54.101 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

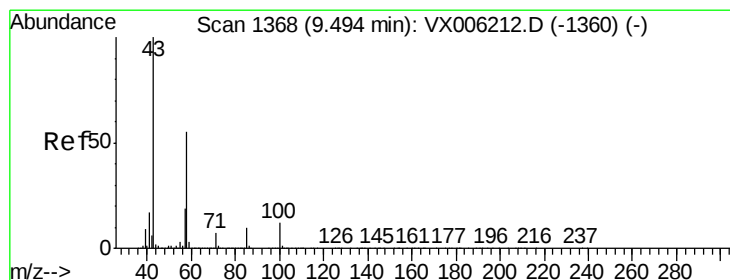
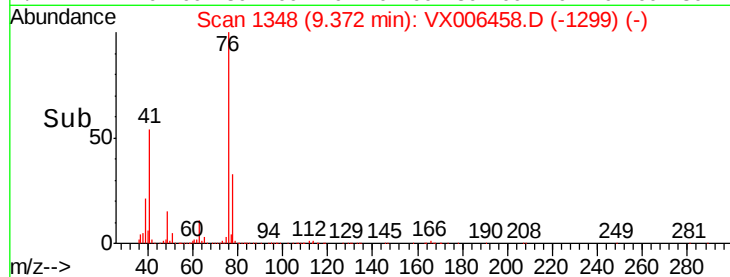
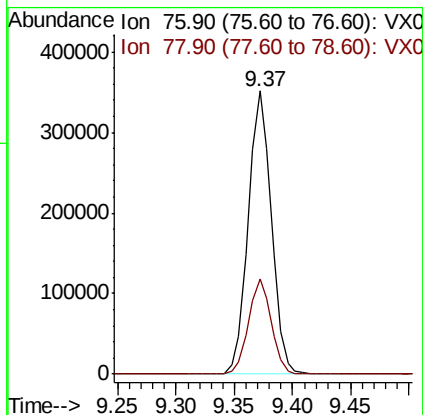
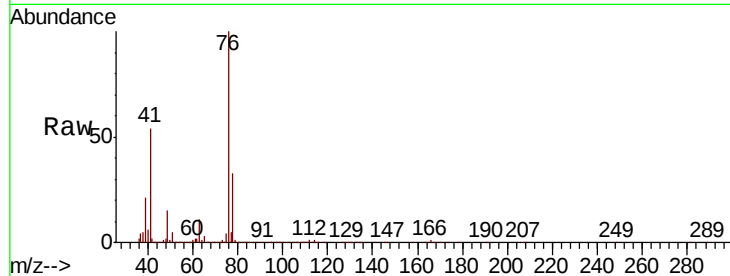
BP-TT-SW4002-20181211MSD

Tot Ion: 76 Resp: 490320

Ion Ratio Lower Upper

76 100

78 33.1 26.1 39.1



#59

2-Hexanone

Concen: 246.859 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX006458.D

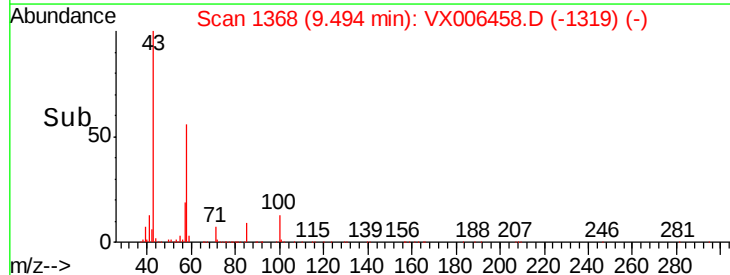
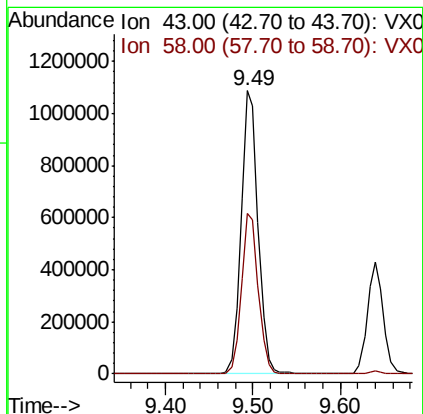
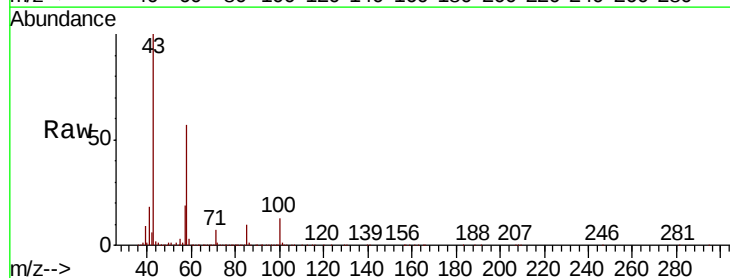
Acq: 12 Dec 2018 21:06

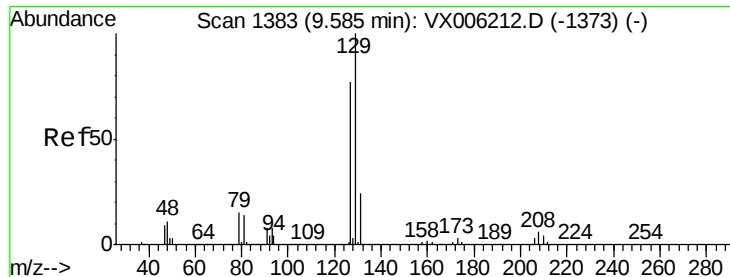
Tgt Ion: 43 Resp: 1467743

Ion Ratio Lower Upper

43 100

58 56.5 27.7 83.1





#60

Dibromochloromethane

Concen: 49.222 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

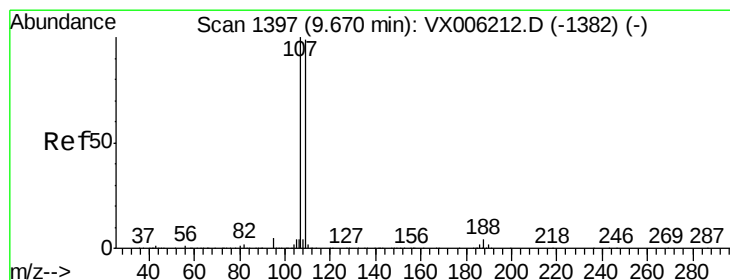
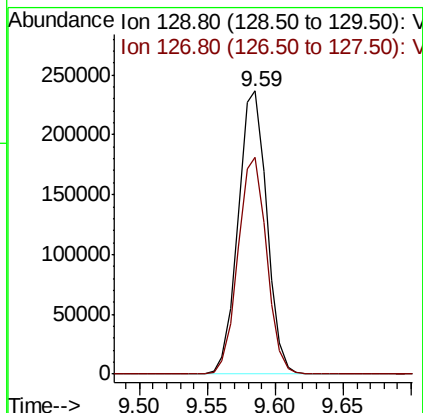
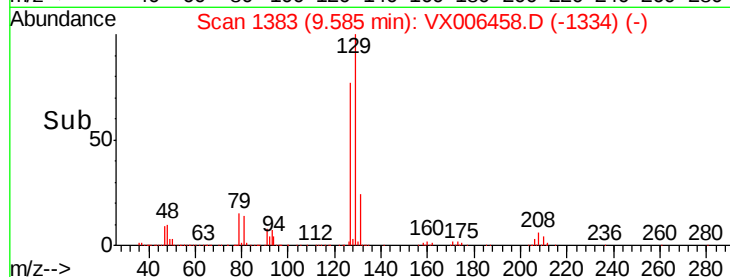
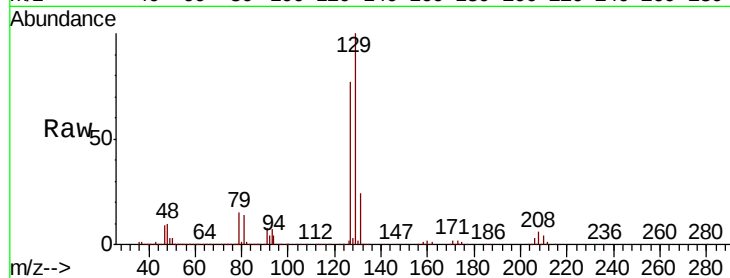
BP-TT-SW4002-20181211MSD

Tot Ion:129 Resp: 347870

Ion Ratio Lower Upper

129 100

127 76.4 38.6 115.8



#61

1,2-Dibromoethane

Concen: 54.235 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006458.D

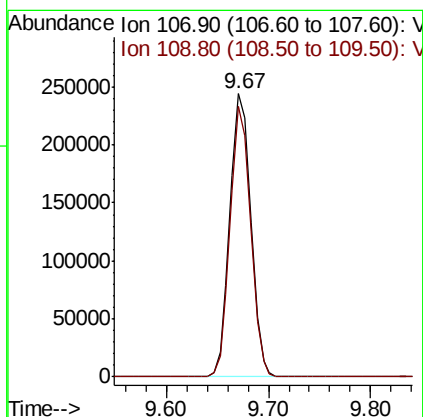
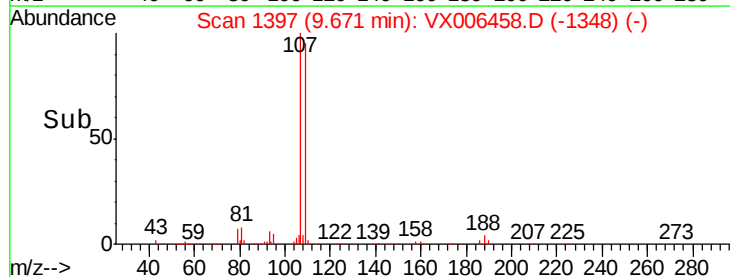
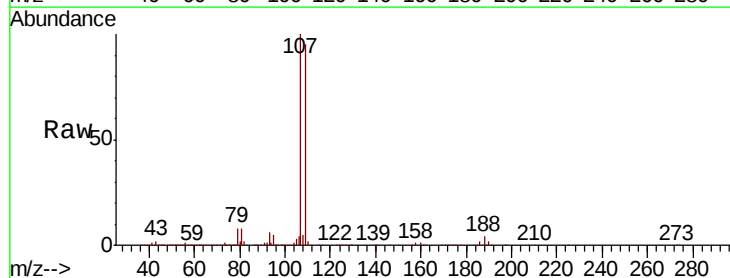
Acq: 12 Dec 2018 21:06

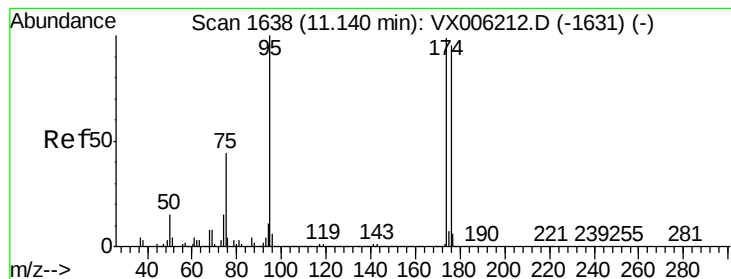
Tgt Ion:107 Resp: 347573

Ion Ratio Lower Upper

107 100

109 93.4 76.3 114.5





#62

4-Bromofluorobenzene

Concen: 51.542 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MSD

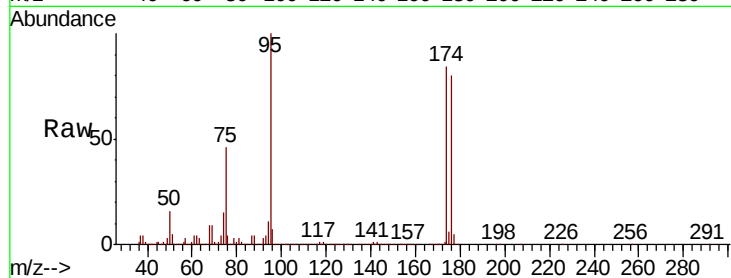
Tot Ion: 95 Resp: 388904

Ion Ratio Lower Upper

95 100

174 92.3 0.0 187.0

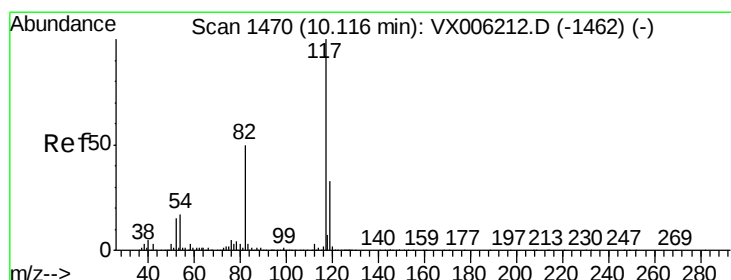
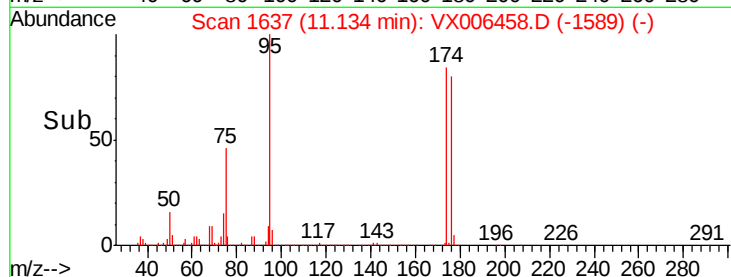
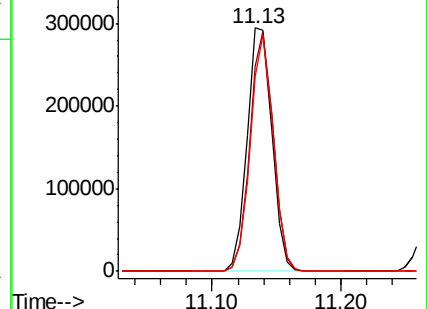
176 89.7 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006212.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006212.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006212.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

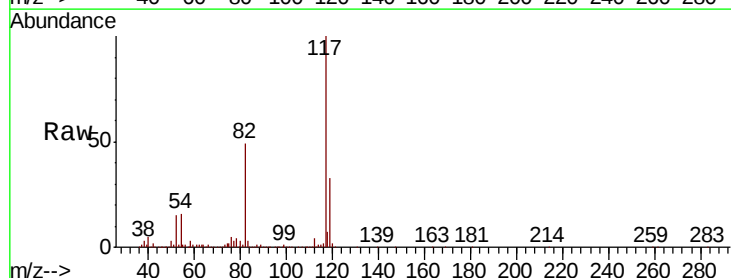
Tgt Ion: 117 Resp: 787338

Ion Ratio Lower Upper

117 100

82 48.7 39.6 59.4

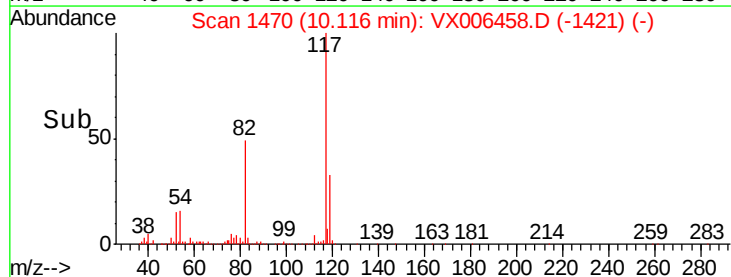
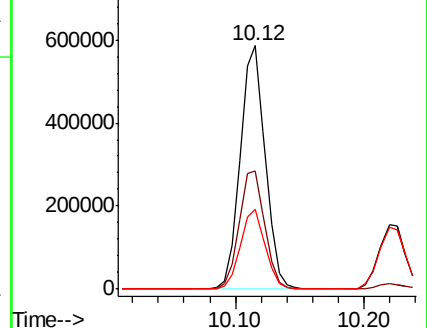
119 32.7 26.3 39.5

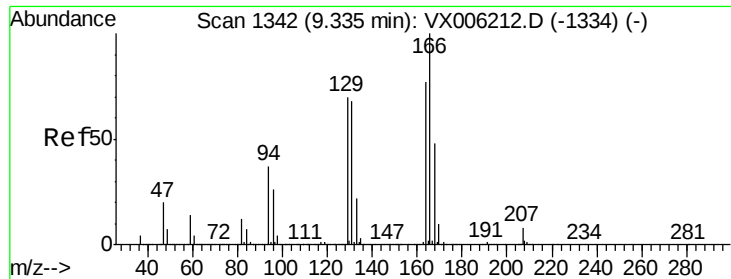


Abundance Ion 116.90 (116.60 to 117.60): VX006212.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006212.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006212.D (-1462) (-)





#64

Tetrachloroethene

Concen: 52.137 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion:164 Resp: 309141

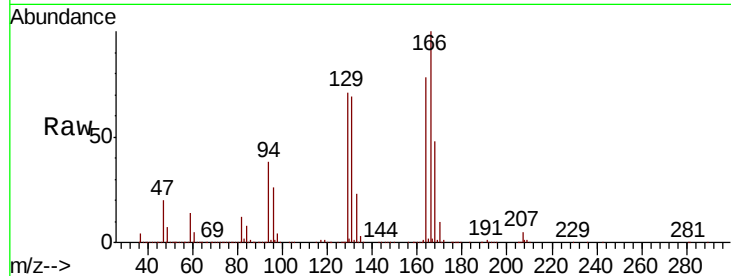
Ion Ratio Lower Upper

164 100

166 128.9 104.2 156.2

129 91.4 72.6 108.8

131 89.5 70.3 105.5



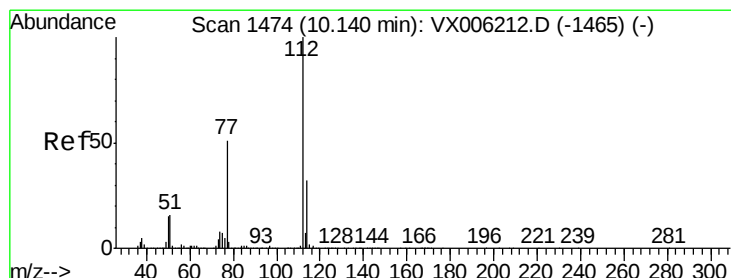
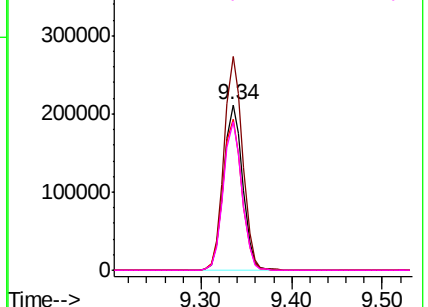
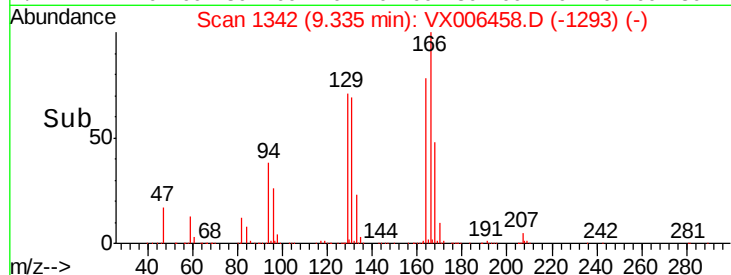
Abundance

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: 54.262 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006458.D

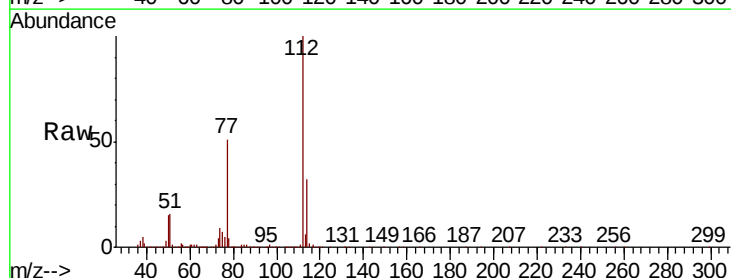
Acq: 12 Dec 2018 21:06

Tgt Ion:112 Resp: 906903

Ion Ratio Lower Upper

112 100

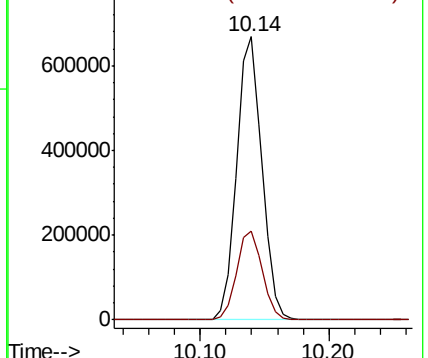
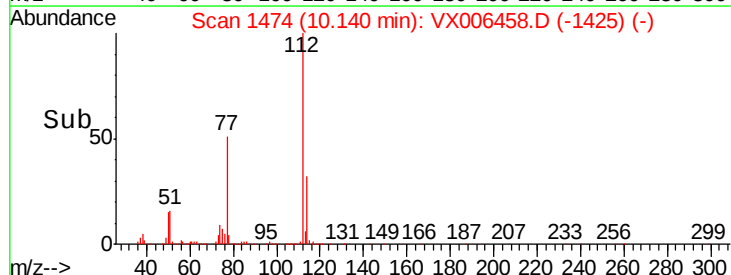
114 31.6 25.4 38.2

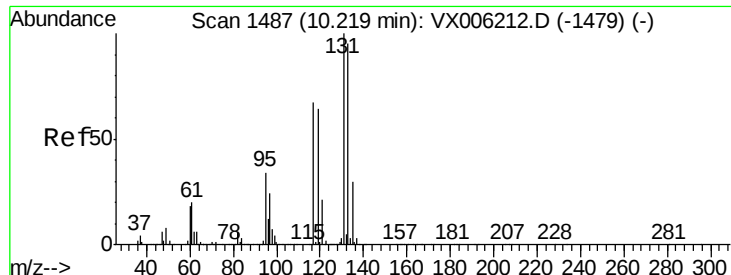


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 50.555 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MSD

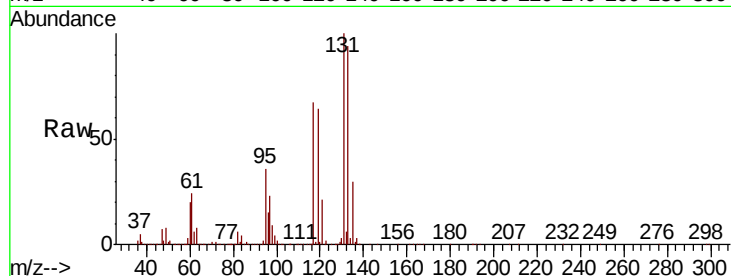
Tot Ion:131 Resp: 328293

Ion Ratio Lower Upper

131 100

133 94.9 48.1 144.4

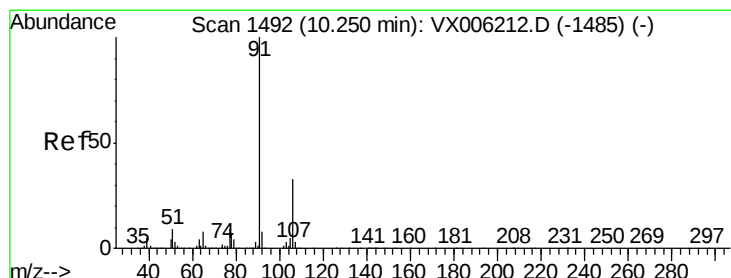
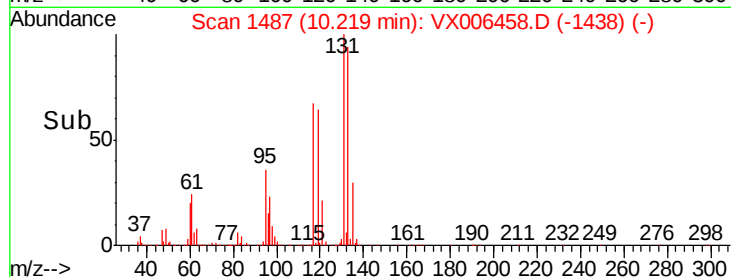
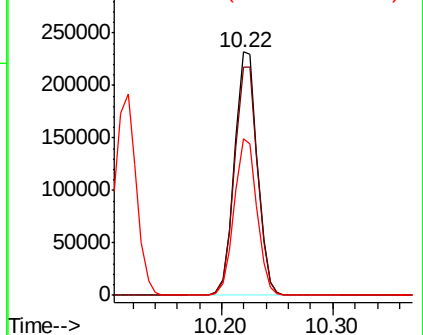
119 64.2 32.1 96.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 53.506 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006458.D

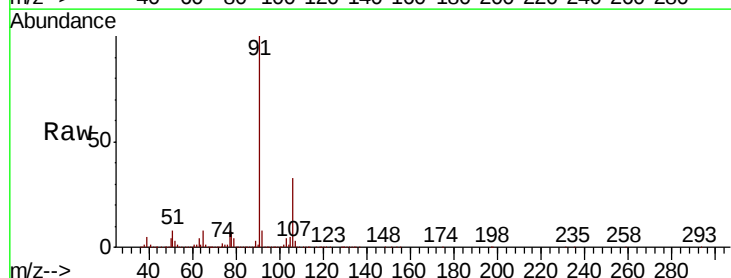
Acq: 12 Dec 2018 21:06

Tgt Ion: 91 Resp: 1487353

Ion Ratio Lower Upper

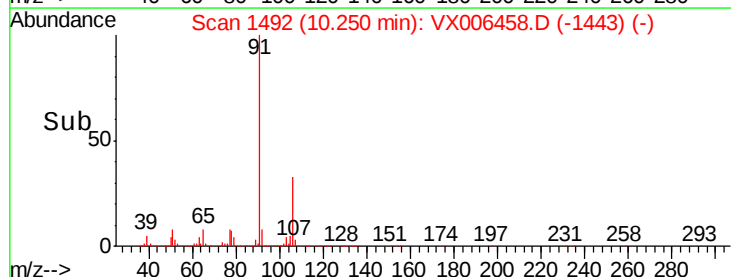
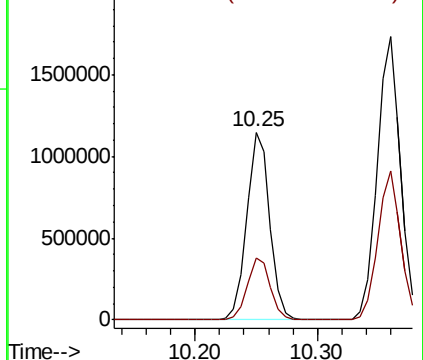
91 100

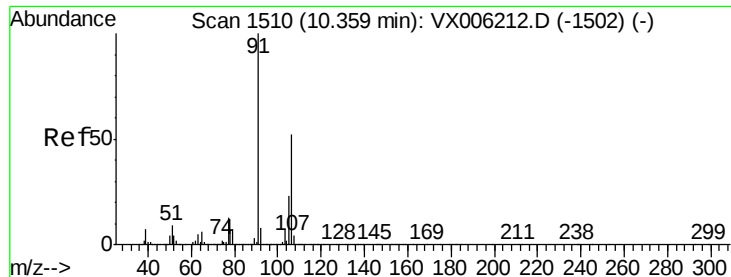
106 32.9 26.5 39.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

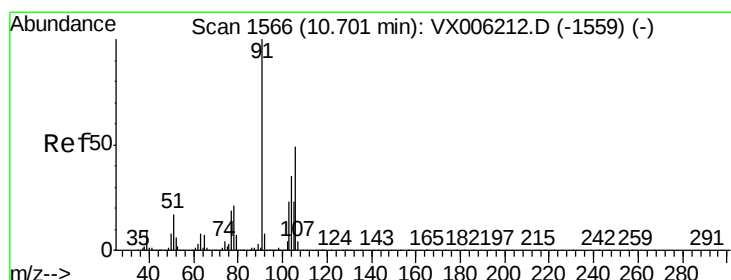
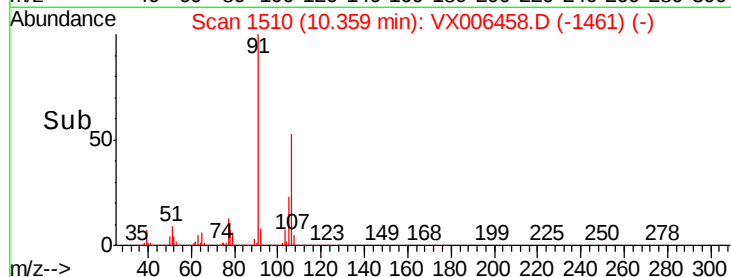
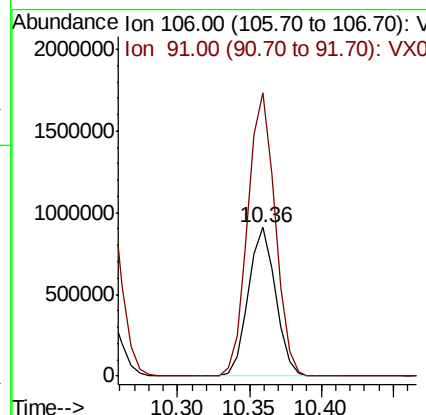
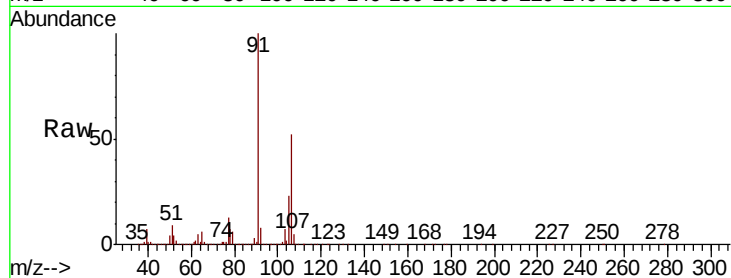




#68
m/p-Xylenes
Concen: 106.469 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

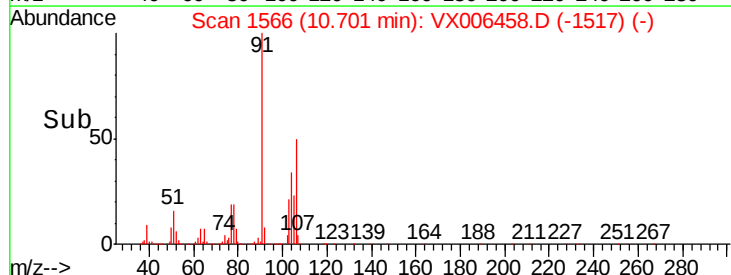
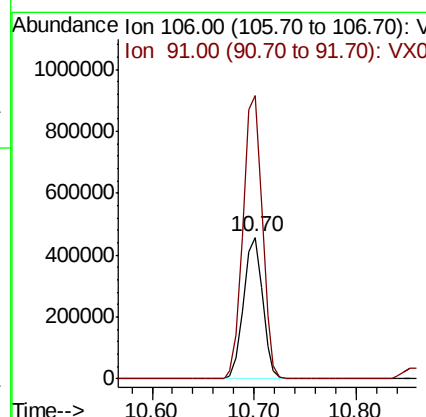
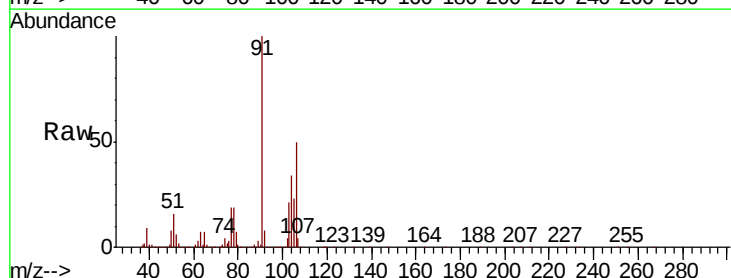
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MSD

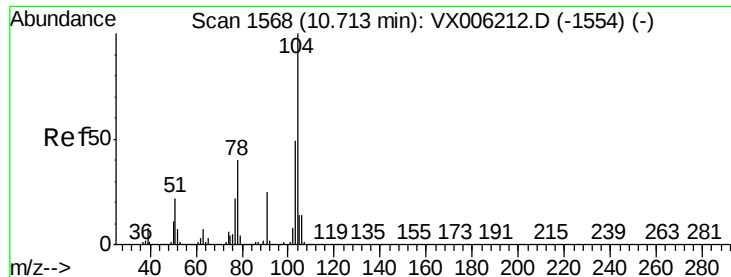
Tot Ion:106 Resp: 1185528
Ion Ratio Lower Upper
106 100
91 193.1 155.2 232.8



#69
o-Xylene
Concen: 53.345 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion:106 Resp: 586729
Ion Ratio Lower Upper
106 100
91 202.0 101.8 305.6

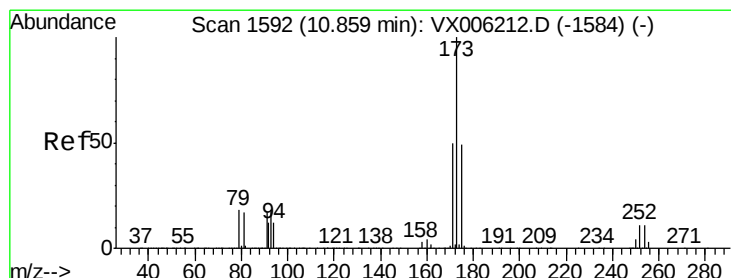
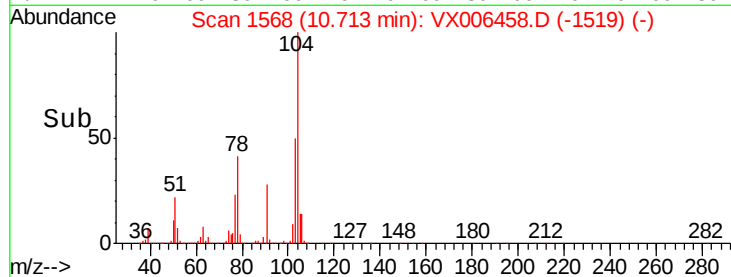
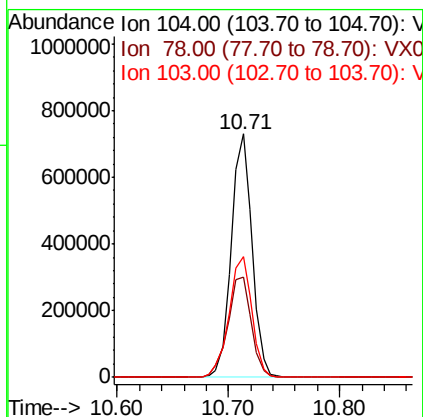
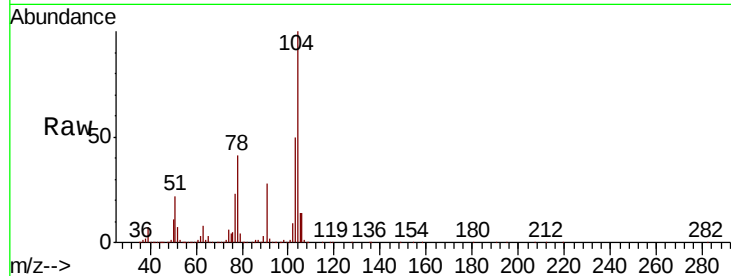




#70
Stvrene
Concen: 52.719 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

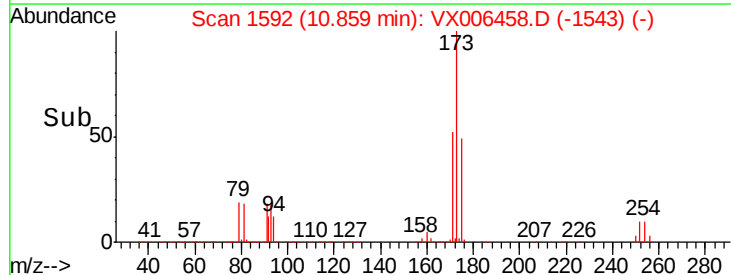
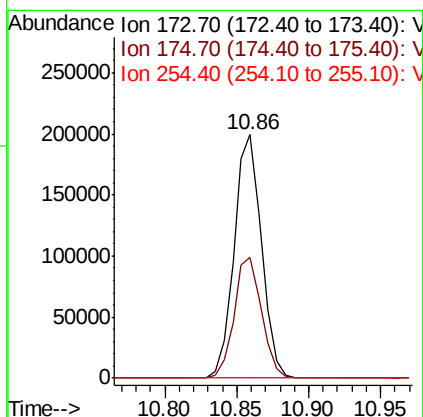
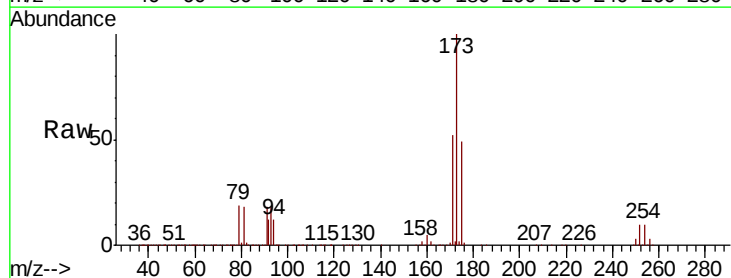
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MSD

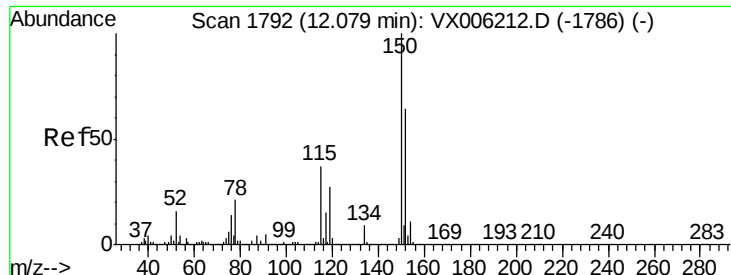
Tot Ion	Ratio	Lower	Upper
104	100		
78	47.2	37.2	55.8
103	54.9	43.5	65.3



#71
Bromoform
Concen: 43.121 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.6	73.8
254	0.2	0.2	0.2

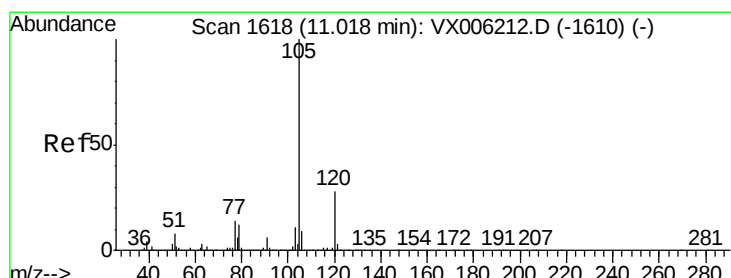
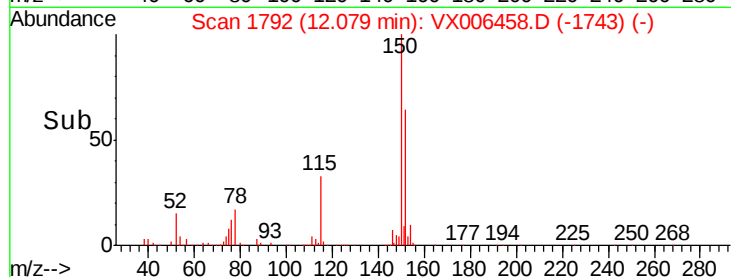
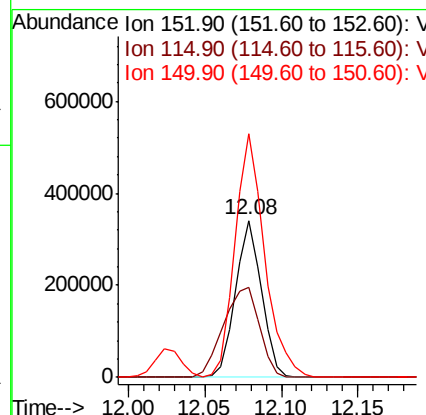
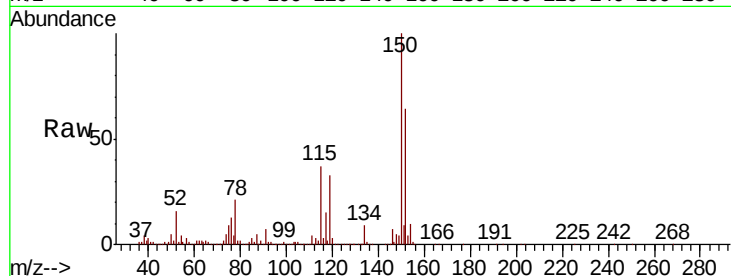




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX006458.D
 Acq: 12 Dec 2018 21:06

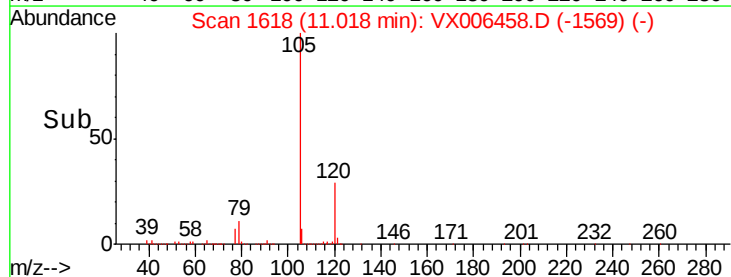
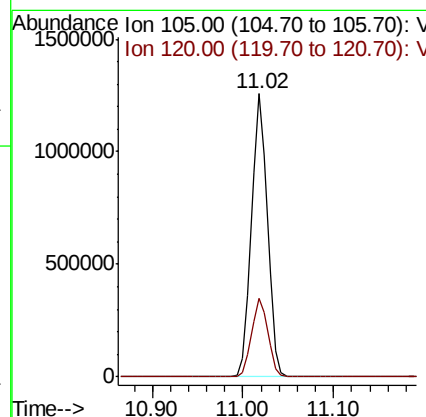
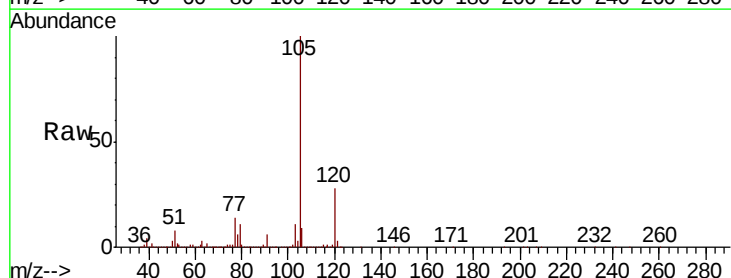
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211MSD

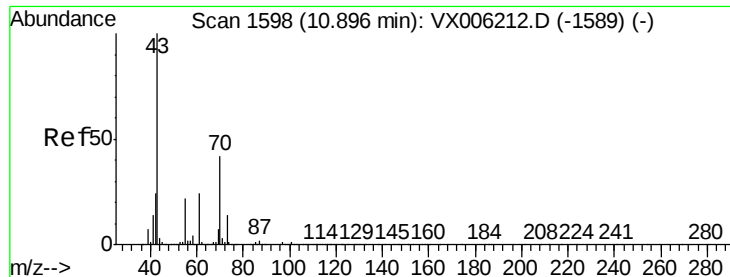
Tot Ion	Ratio	Lower	Upper
152	100		
115	80.2	39.0	116.9
150	176.6	0.0	345.8



#73
 Isopropylbenzene
 Concen: 55.567 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: VX006458.D
 Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.1	14.1	42.3





#74

N-amvl acetate

Concen: 45.944 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion: 43 Resp: 546879

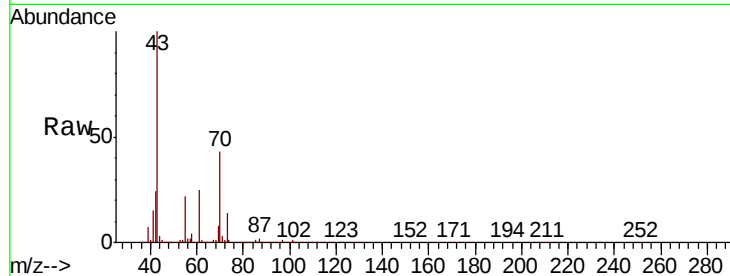
Ion Ratio Lower Upper

43 100

70 45.0 34.1 51.1

55 23.4 17.8 26.8

61 25.0 19.7 29.5

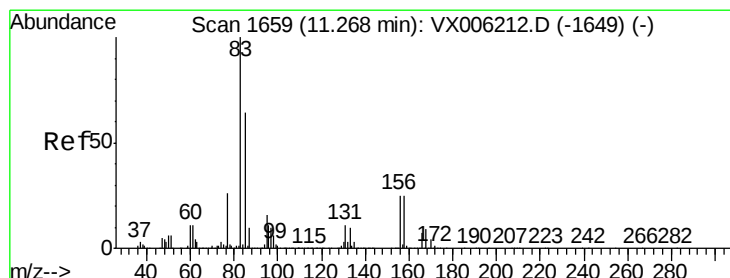
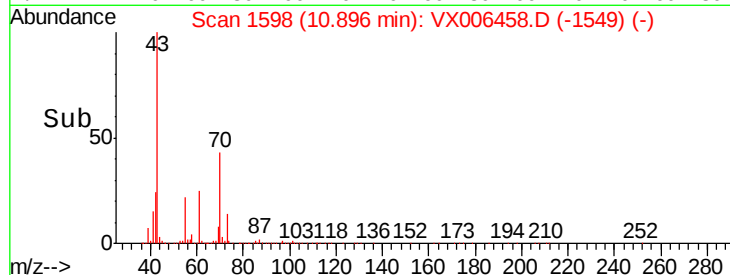
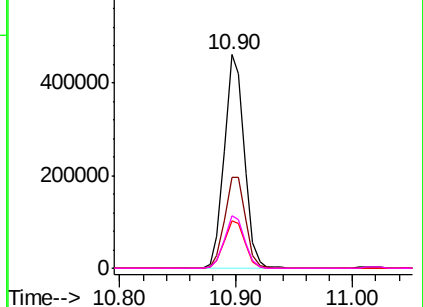


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 52.760 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

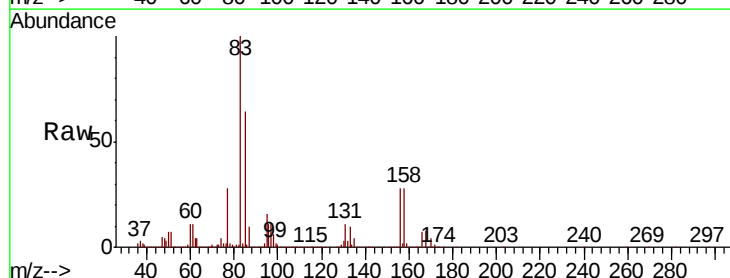
Tgt Ion: 83 Resp: 466565

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.1

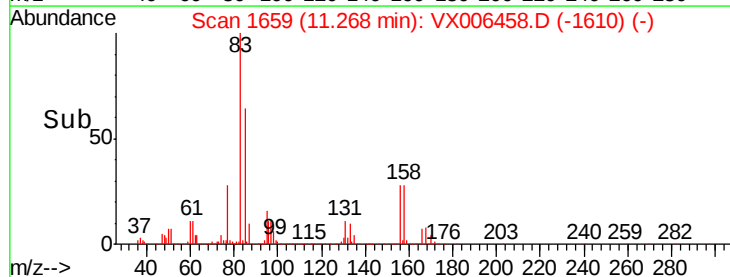
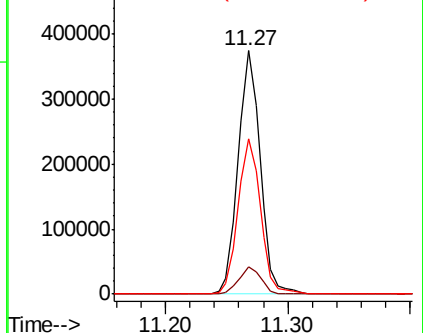
85 65.0 32.1 96.5

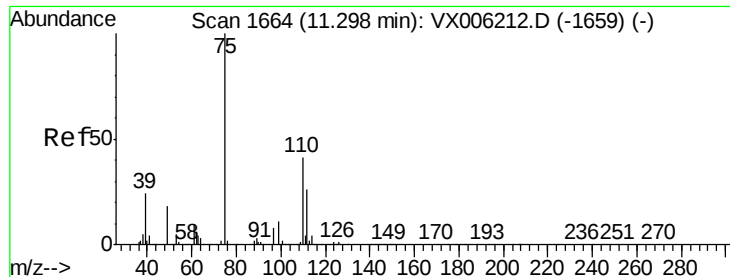


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 68.052 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

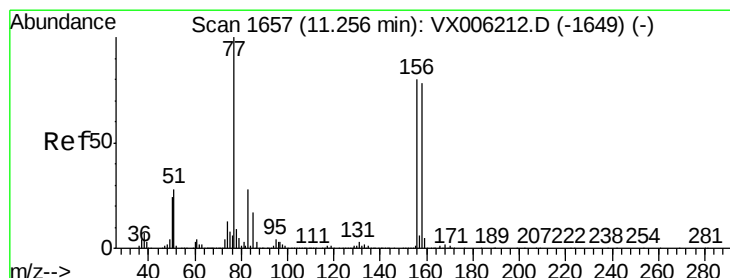
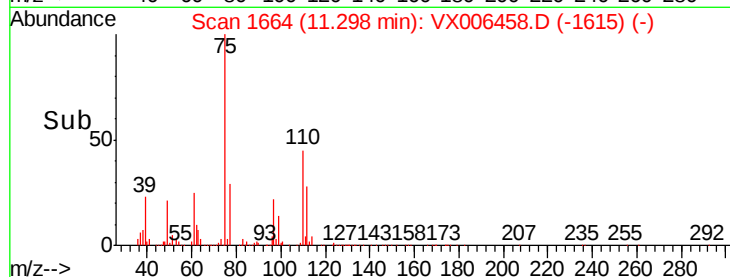
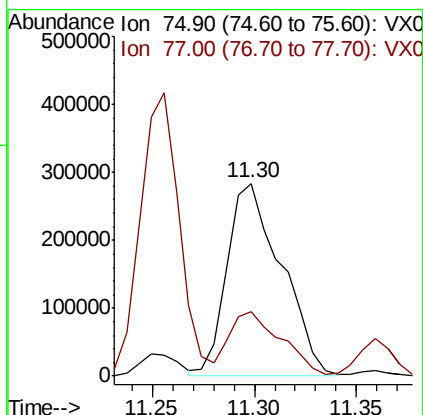
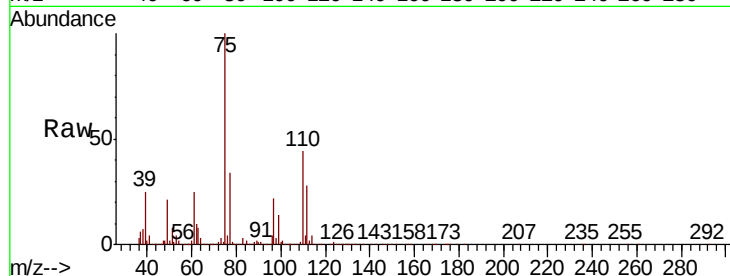
BP-TT-SW4002-20181211MSD

Tot Ion: 75 Resp: 525755

Ion Ratio Lower Upper

75 100

77 31.8 19.9 59.7



#77

Bromobenzene

Concen: 54.515 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

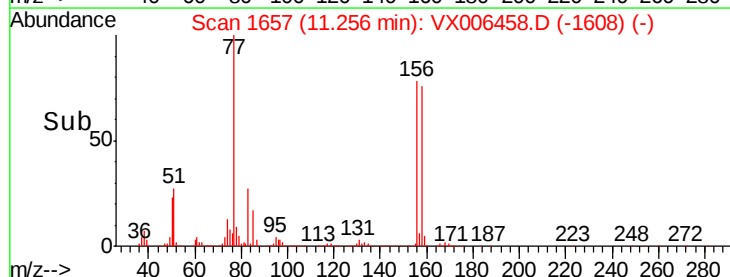
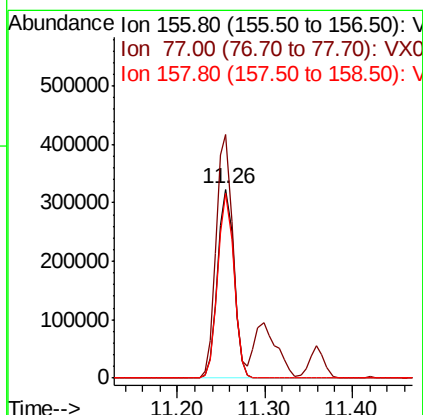
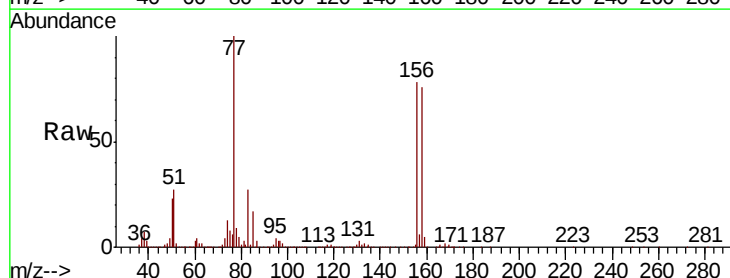
Tgt Ion: 156 Resp: 418189

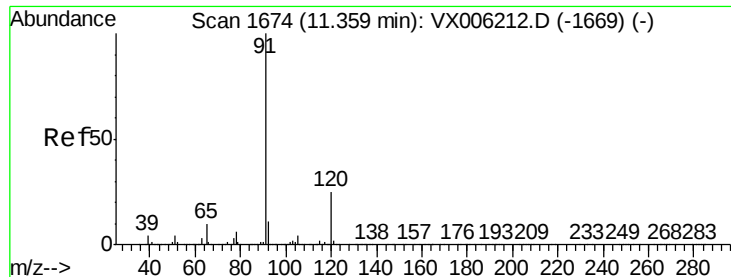
Ion Ratio Lower Upper

156 100

77 132.1 66.2 198.6

158 96.6 48.8 146.4





#78

n-propylbenzene

Concen: 54.811 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

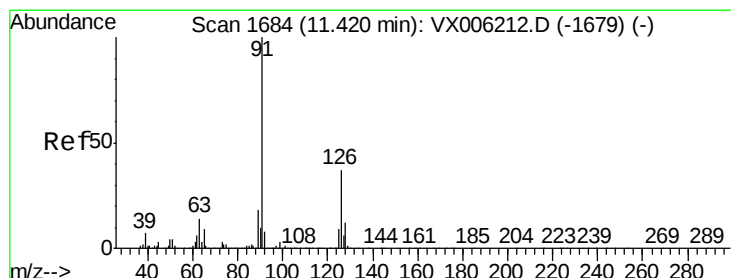
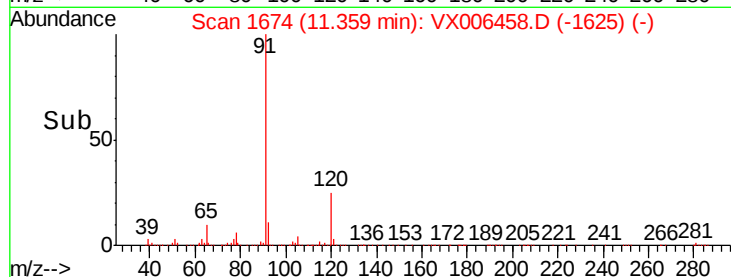
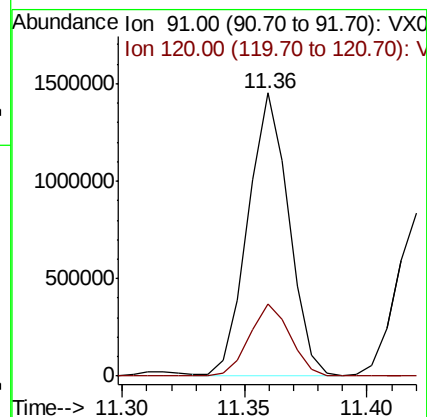
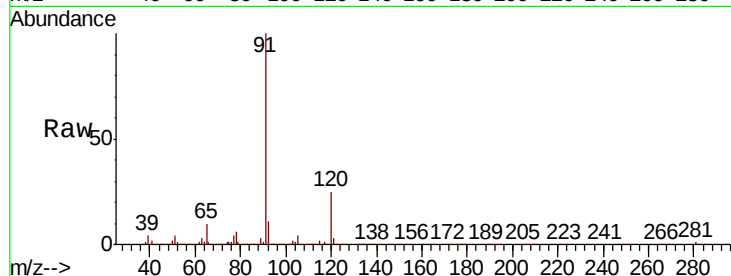
BP-TT-SW4002-20181211MSD

Tot Ion: 91 Resp: 1684142

Ion Ratio Lower Upper

91 100

120 25.7 12.7 38.0



#79

2-Chlorotoluene

Concen: 54.579 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006458.D

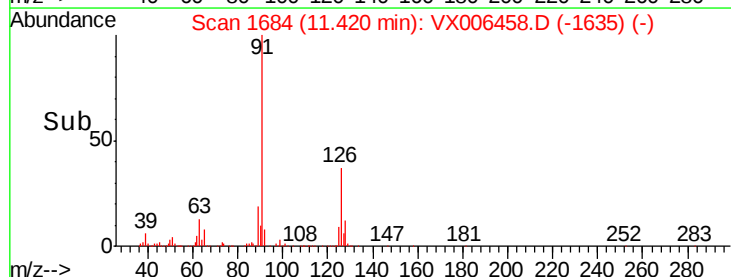
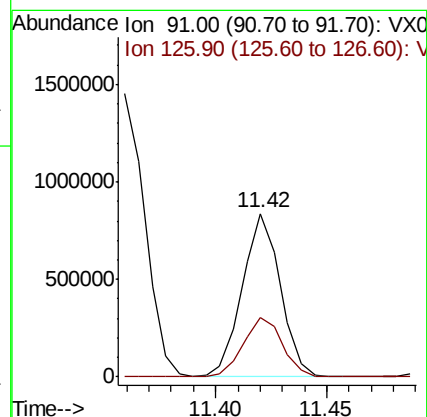
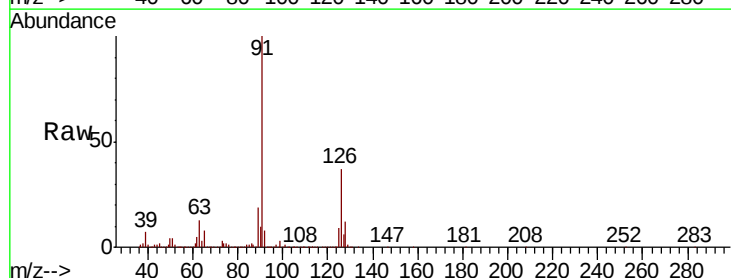
Acq: 12 Dec 2018 21:06

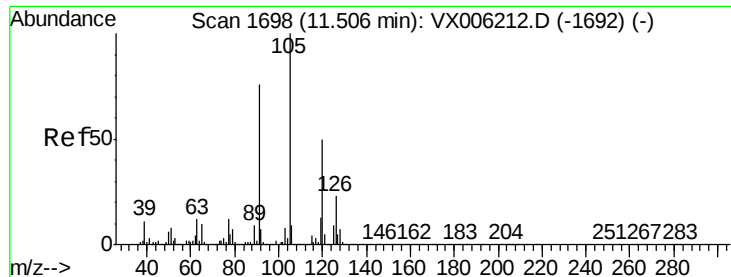
Tgt Ion: 91 Resp: 996758

Ion Ratio Lower Upper

91 100

126 37.9 18.6 56.0





#80

1,3,5-Trimethylbenzene

Concen: 55.371 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

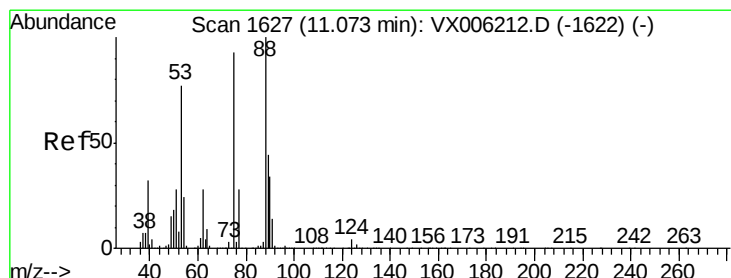
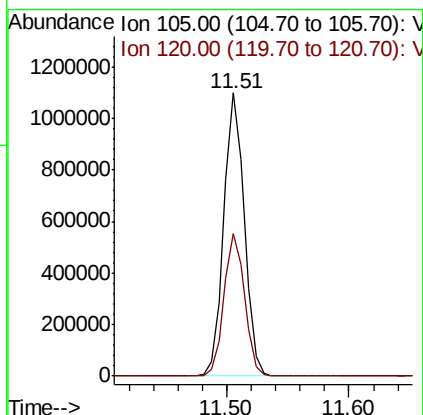
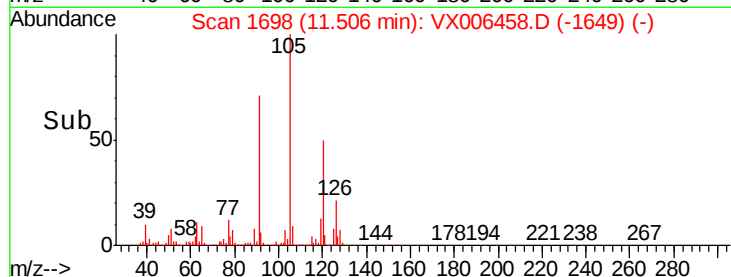
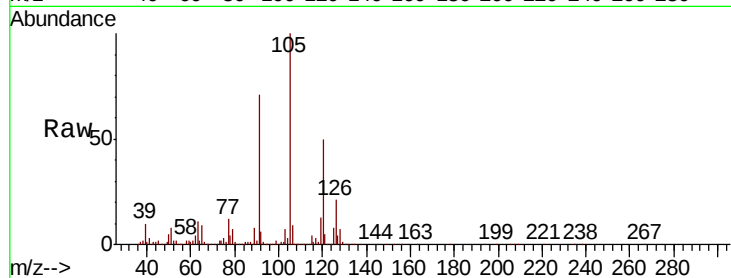
BP-TT-SW4002-20181211MSD

Tot Ion:105 Resp: 1273464

Ion Ratio Lower Upper

105 100

120 50.6 25.4 76.0



#81

trans-1,4-Dichloro-2-butene

Concen: 41.851 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

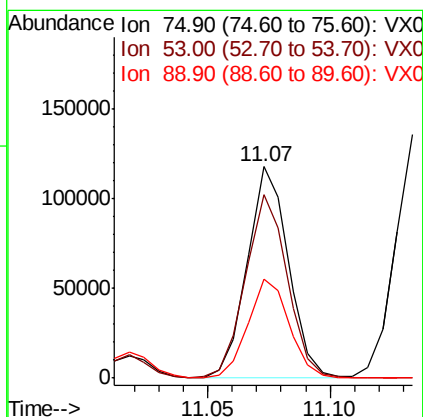
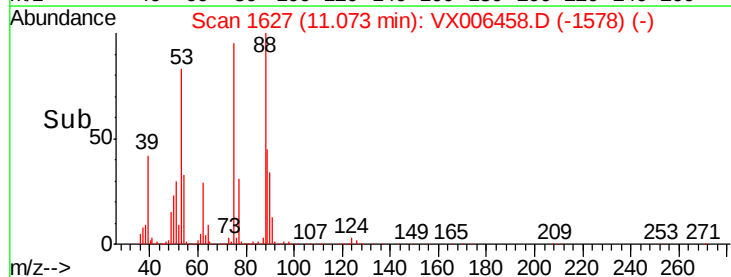
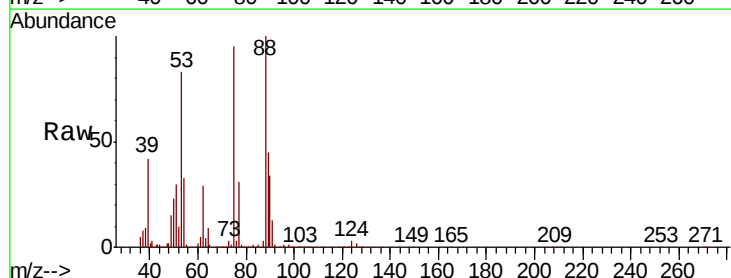
Tgt Ion: 75 Resp: 137780

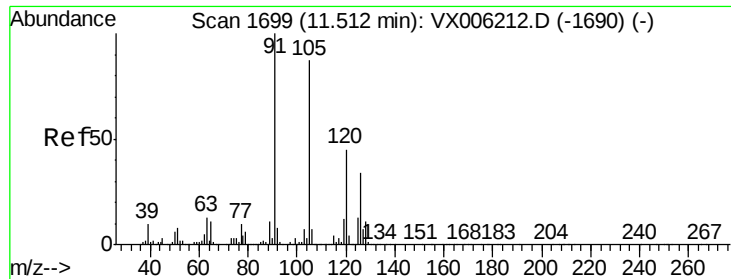
Ion Ratio Lower Upper

75 100

53 88.2 64.4 96.6

89 47.5 44.2 66.4

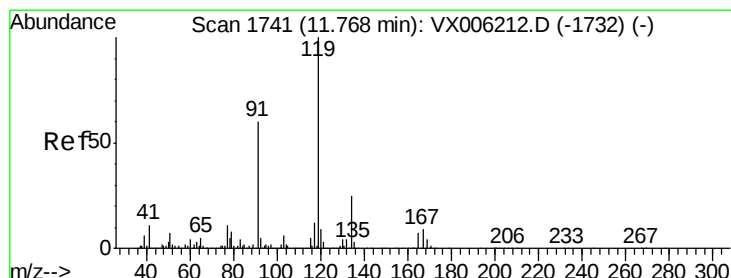
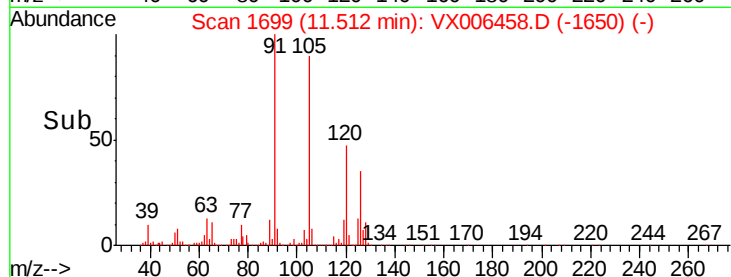
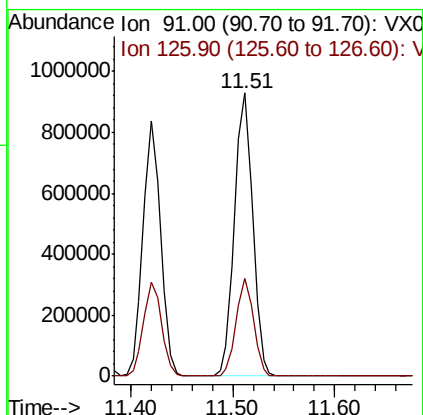
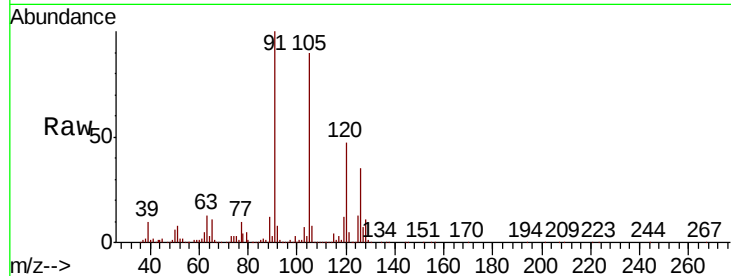




#82
4-Chlorotoluene
Concen: 53.937 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

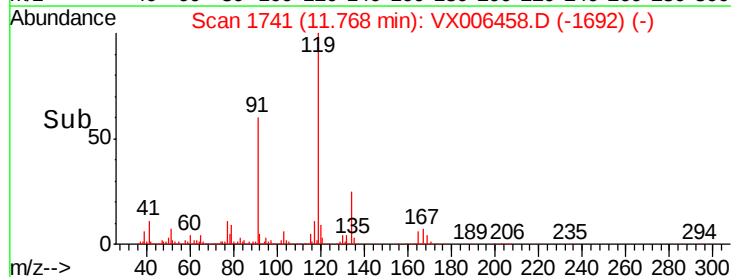
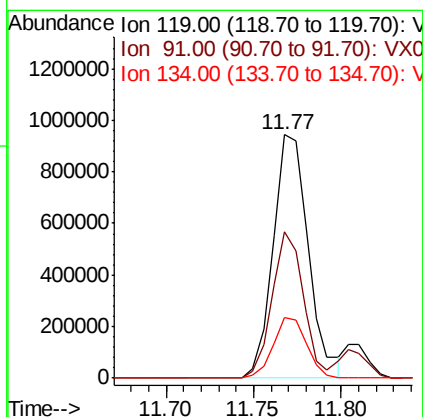
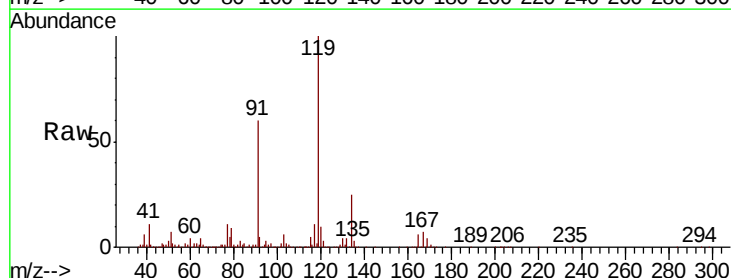
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MSD

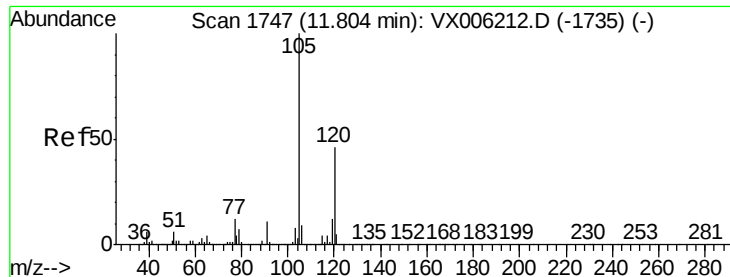
Tot Ion: 91 Resp: 1145264
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.4



#83
tert-Butylbenzene
Concen: 54.038 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion: 119 Resp: 1326030
Ion Ratio Lower Upper
119 100
91 53.6 26.4 79.2
134 23.5 11.6 34.7





#84

1,2,4-Trimethylbenzene

Concen: 54.967 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

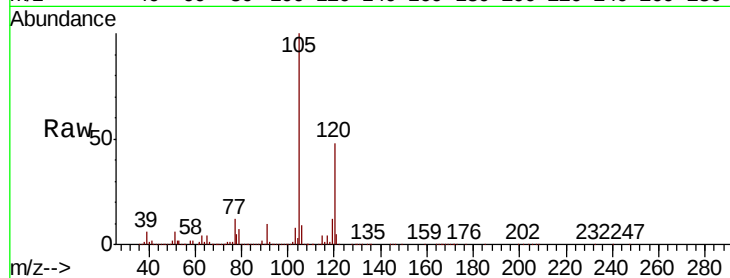
BP-TT-SW4002-20181211MSD

Tot Ion:105 Resp: 1305369

Ion Ratio Lower Upper

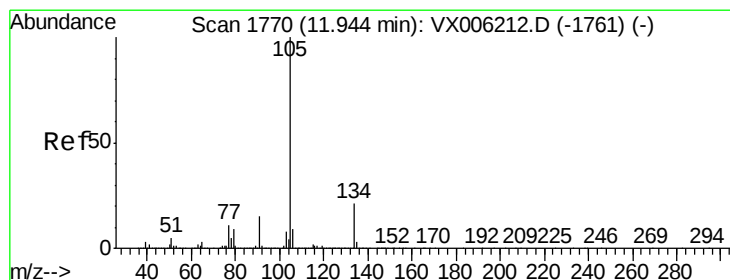
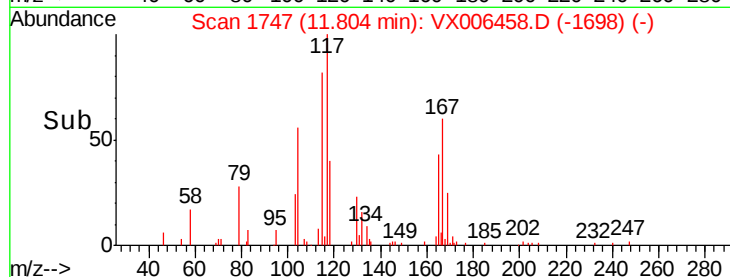
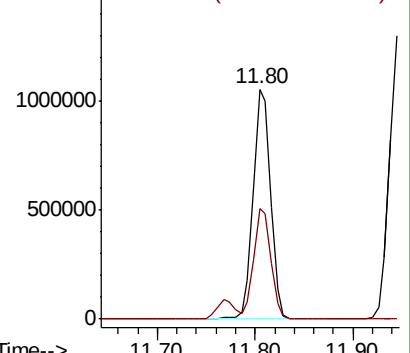
105 100

120 47.1 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

1500000 Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 55.281 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006458.D

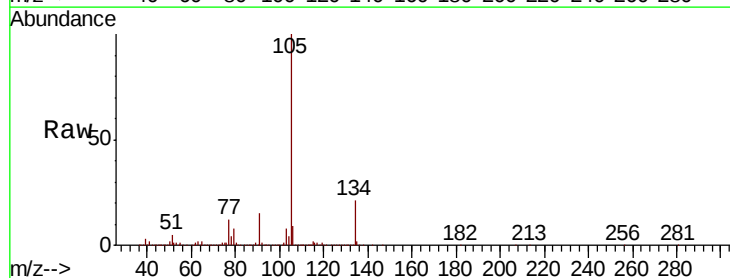
Acq: 12 Dec 2018 21:06

Tgt Ion:105 Resp: 1543241

Ion Ratio Lower Upper

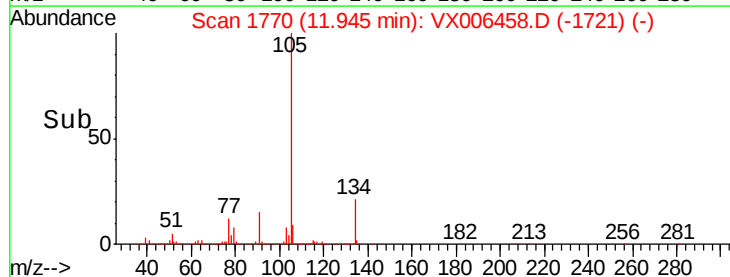
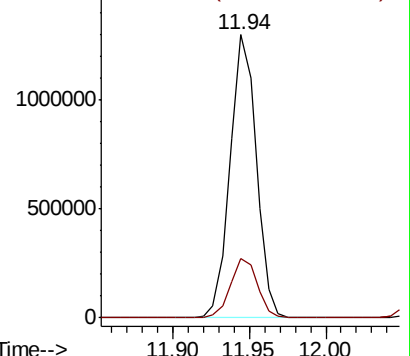
105 100

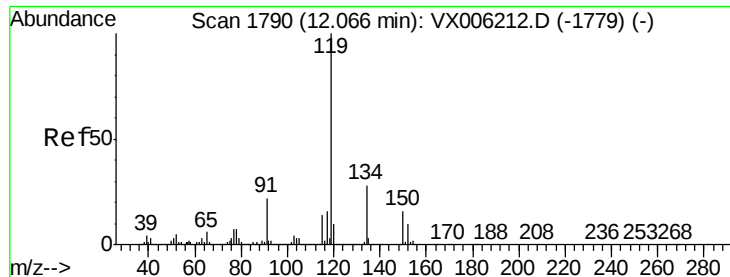
134 21.6 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

1500000 Ion 134.00 (133.70 to 134.70): V

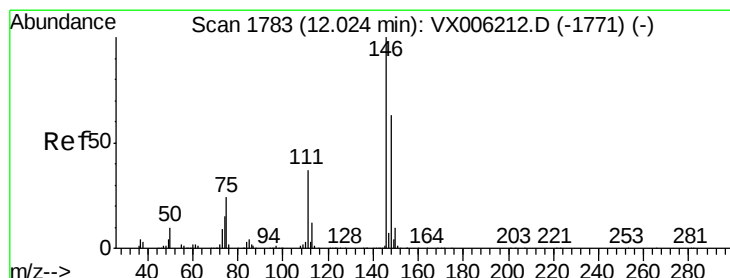
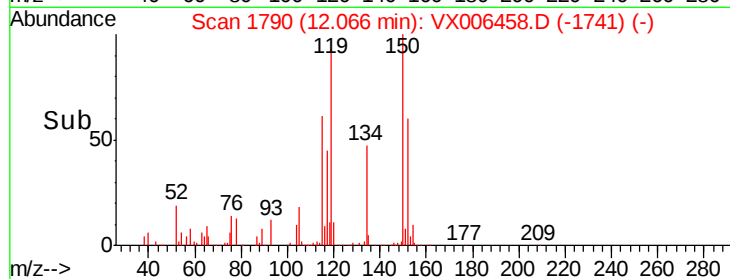
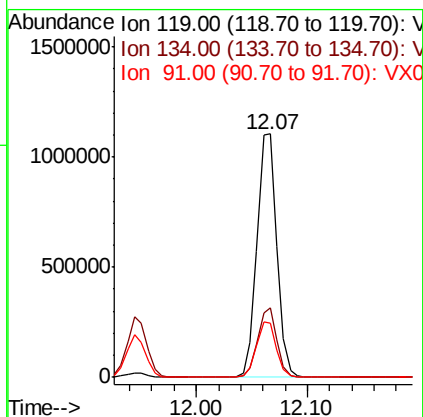
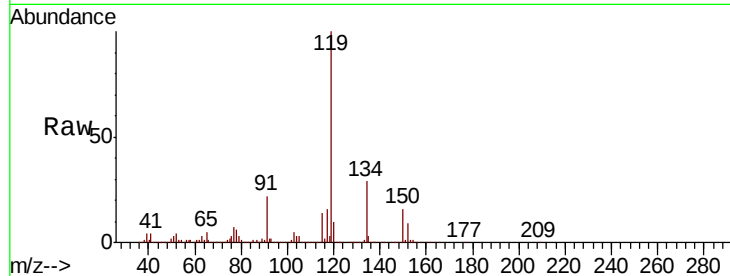




#86
 p-Isopropyltoluene
 Concen: 54.959 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX006458.D
 Acq: 12 Dec 2018 21:06

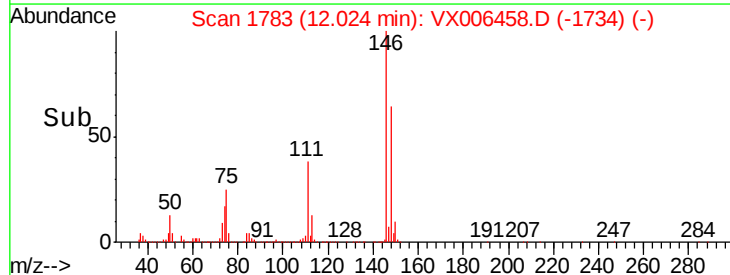
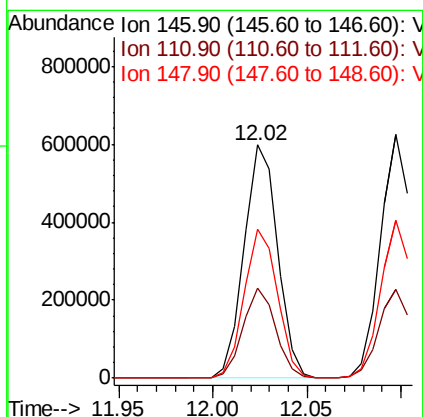
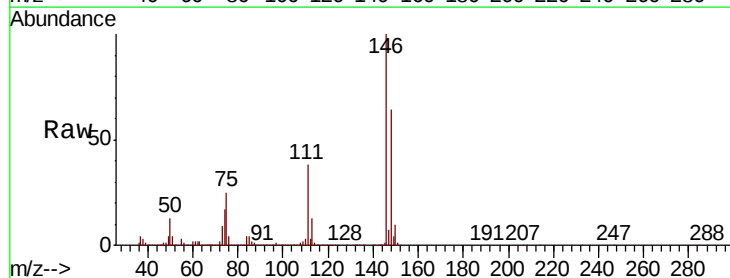
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211MSD

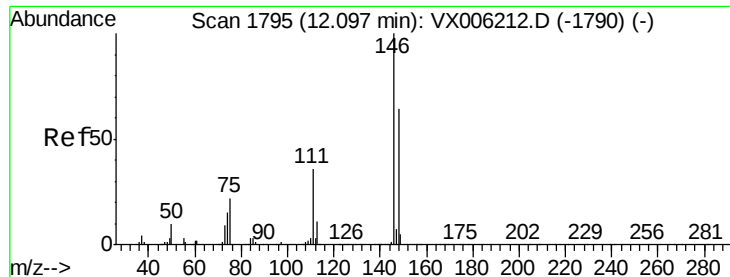
Tot Ion:119 Resp: 1381549
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.9 41.6
 91 22.4 11.3 33.8



#87
 1,3-Dichlorobenzene
 Concen: 54.328 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006458.D
 Acq: 12 Dec 2018 21:06

Tgt Ion:146 Resp: 741559
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.4 55.2
 148 63.7 32.0 96.0

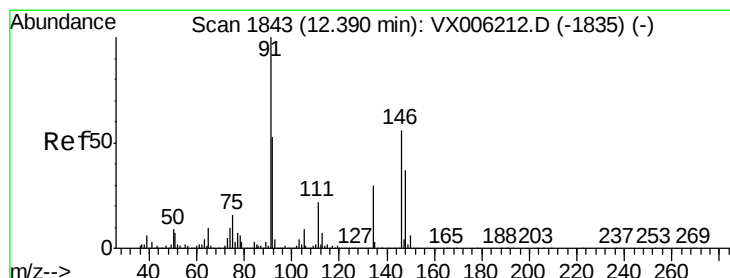
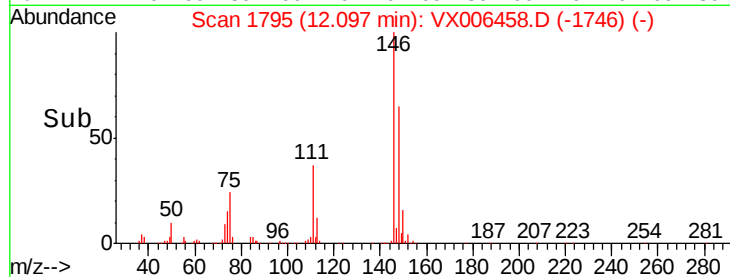
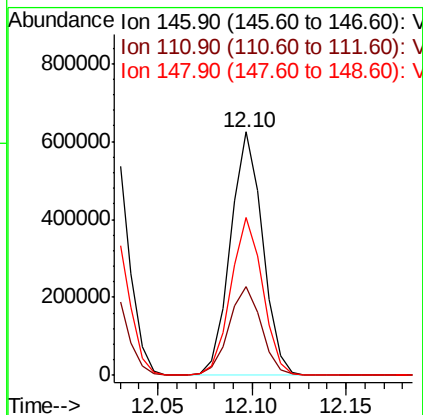
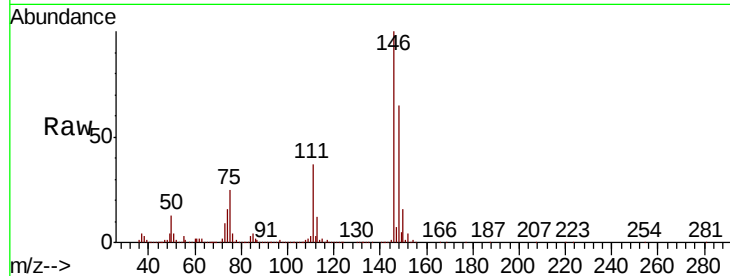




#88
 1,4-Dichlorobenzene
 Concen: 53.171 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006458.D
 Acq: 12 Dec 2018 21:06

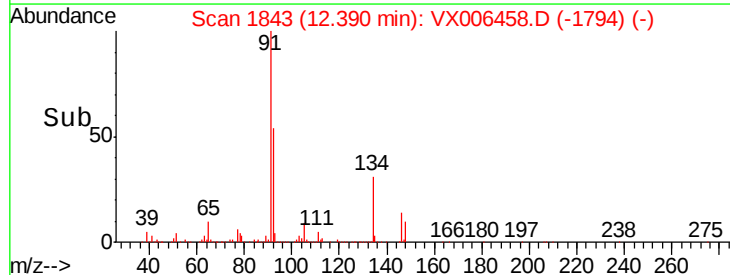
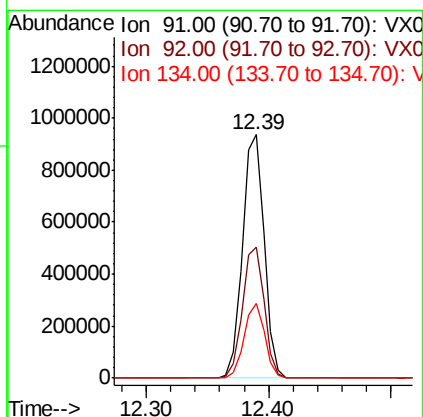
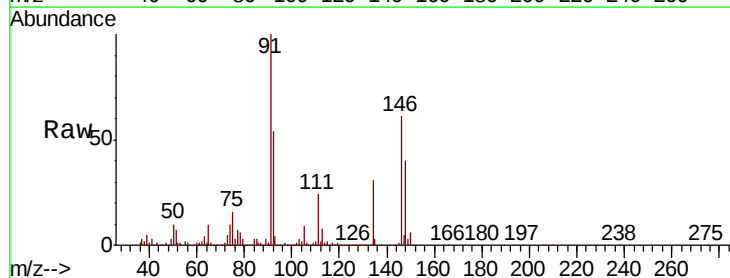
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211MSD

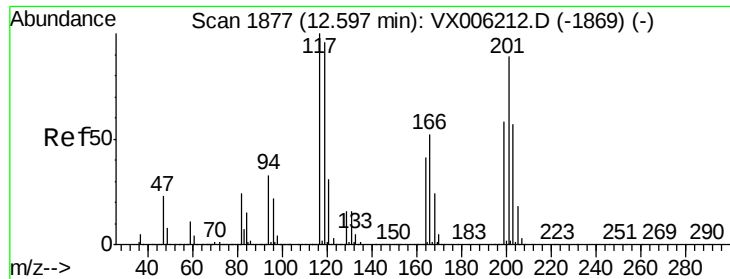
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.3	54.8
148	64.3	31.9	95.9



#89
 n-Butylbenzene
 Concen: 53.249 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006458.D
 Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.6	79.8
134	29.4	14.8	44.3





#90

Hexachloroethane

Concen: 46.955 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

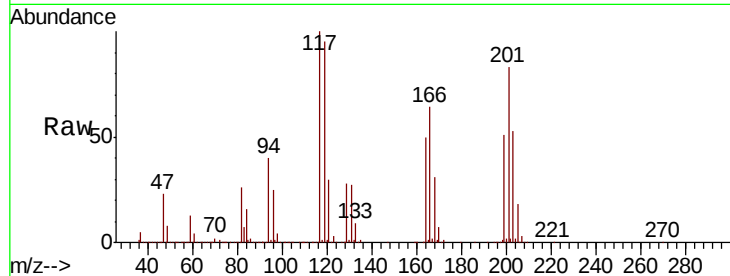
BP-TT-SW4002-20181211MSD

Tot Ion:117 Resp: 240565

Ion Ratio Lower Upper

117 100

201 85.6 44.7 134.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

200000

150000

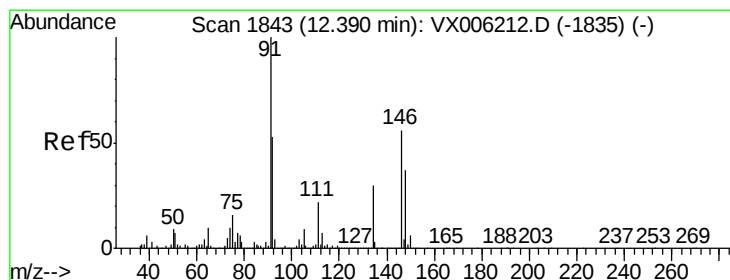
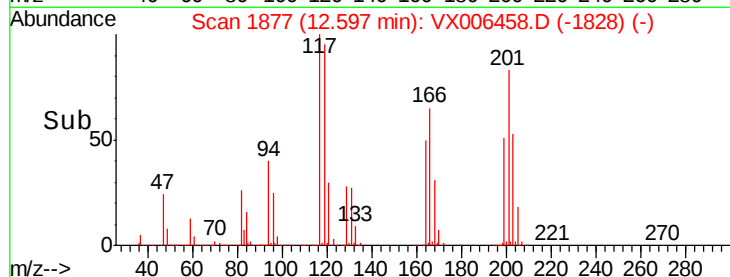
100000

50000

0

12.50 12.60

Time-->



#91

1,2-Dichlorobenzene

Concen: 53.148 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

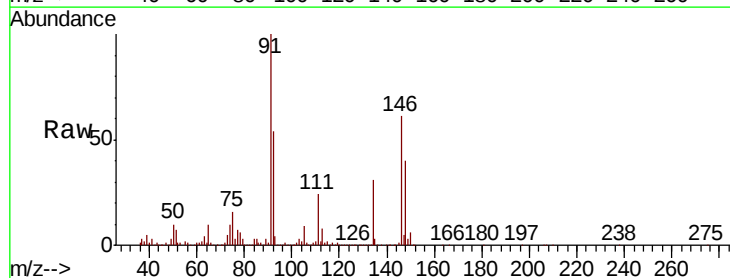
Tgt Ion:146 Resp: 719977

Ion Ratio Lower Upper

146 100

111 38.9 19.1 57.3

148 64.5 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

800000

600000

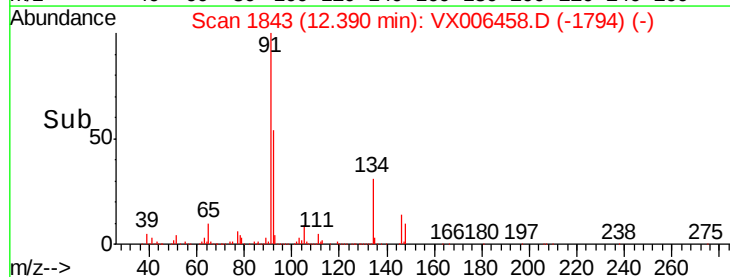
400000

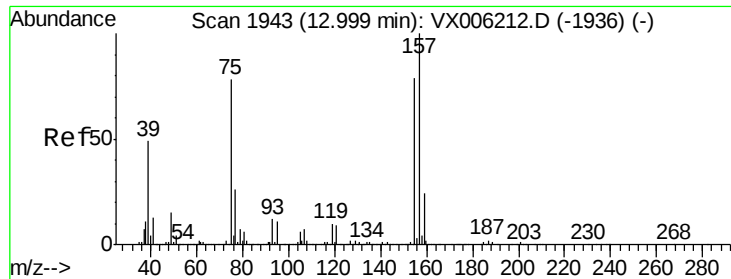
200000

0

12.30 12.40 12.50

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 45.146 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MSD

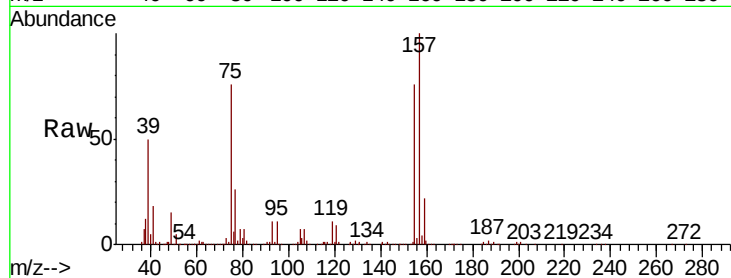
Tot Ion: 75 Resp: 102341

Ion Ratio Lower Upper

75 100

155 104.1 53.4 160.3

157 133.7 68.0 203.8

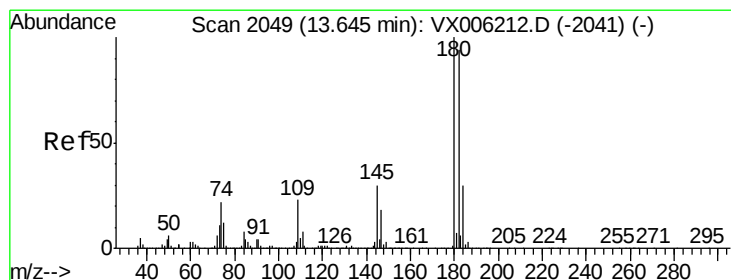
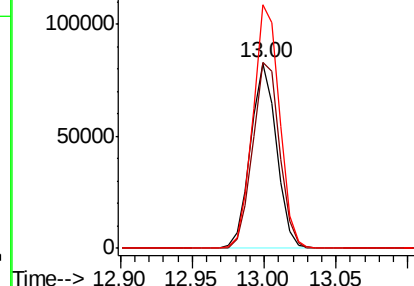
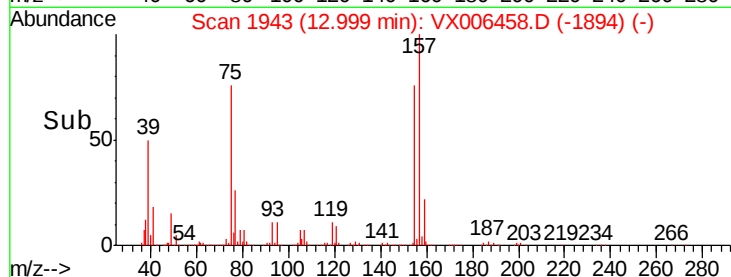


Abundance

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: 51.811 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

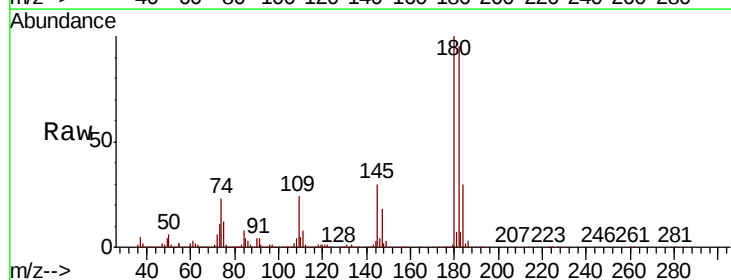
Tgt Ion:180 Resp: 512054

Ion Ratio Lower Upper

180 100

182 95.6 47.3 141.9

145 30.2 14.6 43.8

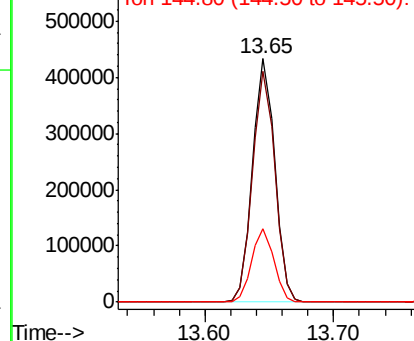
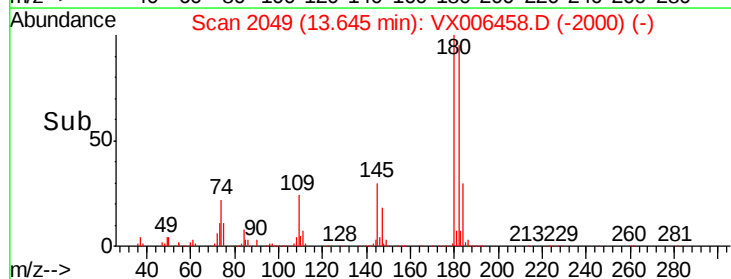


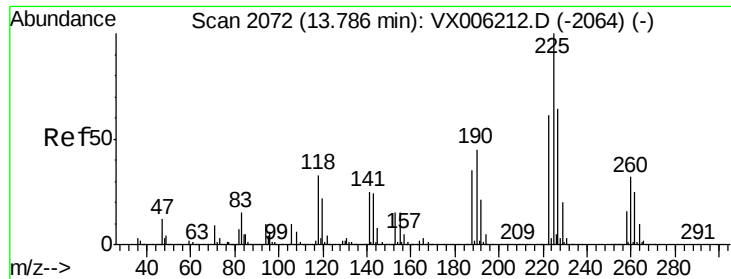
Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 51.951 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

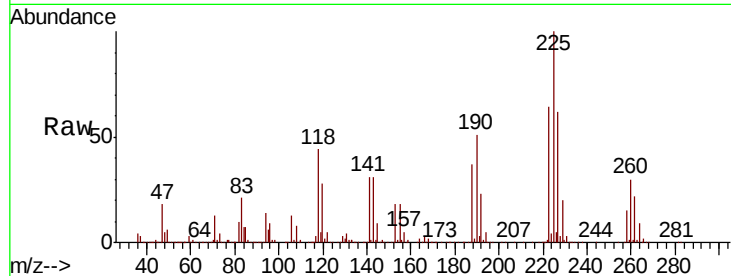
Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion:	225	Resp:	227067
Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.2	93.6
227	63.5	31.9	95.5

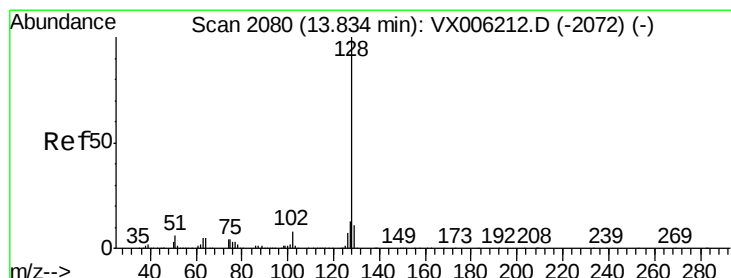
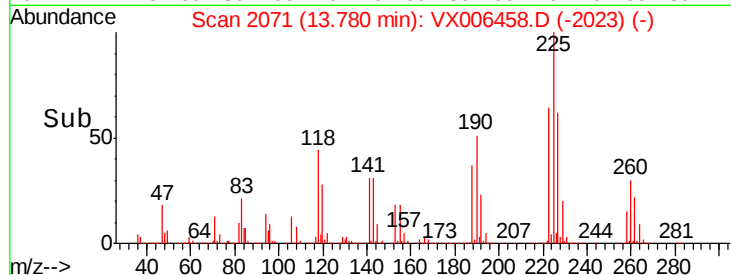
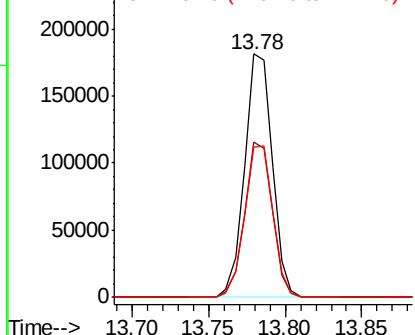


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 53.437 ug/l

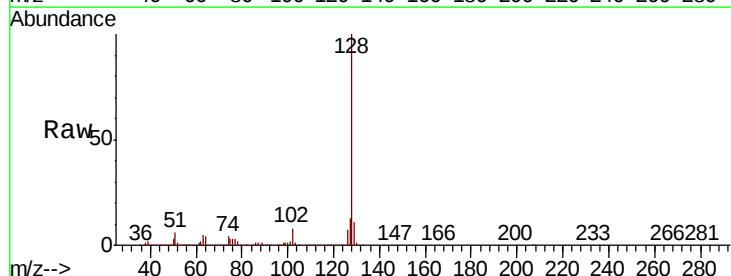
RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Tgt Ion:	128	Resp:	1642827
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.9	8.9	13.3

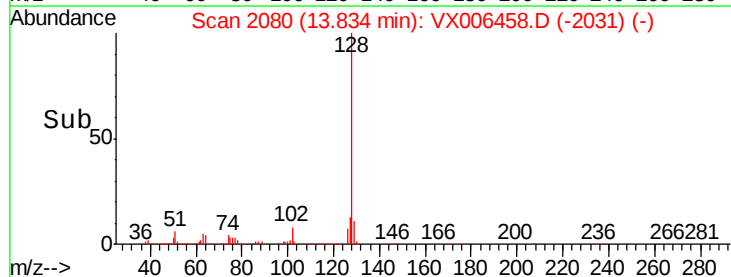
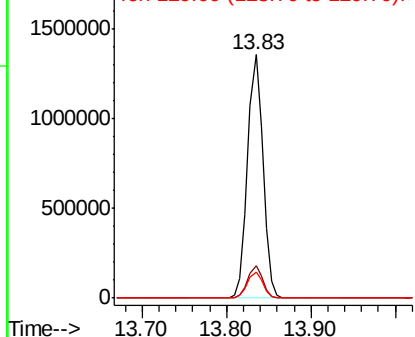


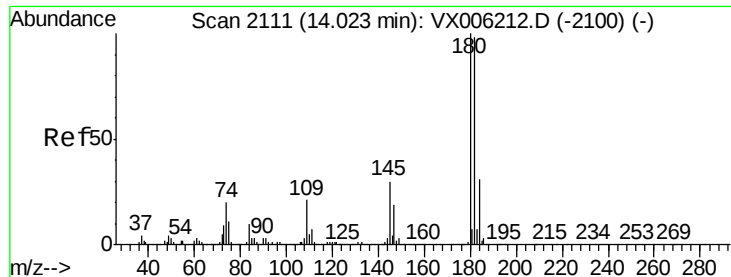
Abundance

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

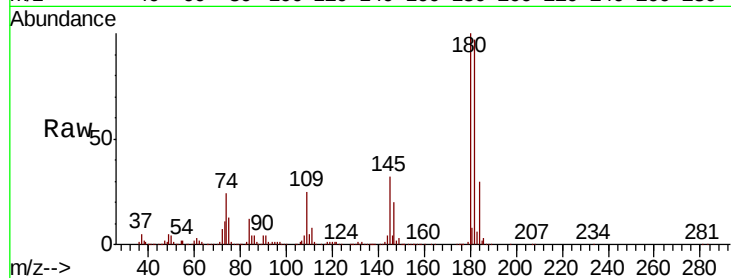




#96
 1,2,3-Trichlorobenzene
 Concen: 52.833 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: VX006458.D
 Acq: 12 Dec 2018 21:06

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

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	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

