

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071819\
 Data File : VX010974.D
 Acq On : 18 Jul 2019 21:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 19 01:38:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	228905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	348485	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	319689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168637	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	128647	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
35) Dibromofluoromethane	5.50	113	112763	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
50) Toluene-d8	8.71	98	421340	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.13	95	162577	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	124373	50.944	ug/l	100
3) Chloromethane	1.32	50	107364	51.004	ug/l	98
4) Vinyl Chloride	1.41	62	112740	52.508	ug/l	98
5) Bromomethane	1.64	94	54352	44.921	ug/l	98
6) Chloroethane	1.71	64	69616	51.021	ug/l	100
7) Trichlorofluoromethane	1.93	101	191168	52.598	ug/l	97
8) Diethyl Ether	2.19	74	61699	49.271	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	107854	51.973	ug/l	98
10) Methyl Iodide	2.51	142	135668	49.818	ug/l	100
11) Tert butyl alcohol	3.05	59	144158	254.186	ug/l	99
12) 1,1-Dichloroethene	2.37	96	106570	52.268	ug/l	99
13) Acrolein	2.29	56	77565	236.716	ug/l	100
14) Allyl chloride	2.73	41	152285	51.420	ug/l	99
15) Acrylonitrile	3.14	53	298367	260.354	ug/l	100
16) Acetone	2.45	43	251102	228.305	ug/l	98
17) Carbon Disulfide	2.57	76	260828	49.871	ug/l	100
18) Methyl Acetate	2.78	43	131305	52.430	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	349884	53.306	ug/l	99
20) Methylene Chloride	2.85	84	118681	50.918	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	111067	51.339	ug/l	96
22) Diisopropyl ether	3.85	45	328554	52.600	ug/l	98
23) Vinyl Acetate	3.81	43	1428740	269.962	ug/l	100
24) 1,1-Dichloroethane	3.70	63	188160	51.870	ug/l	99
25) 2-Butanone	4.67	43	412496	261.267	ug/l	99
26) 2,2-Dichloropropane	4.58	77	133292	44.751	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	129070	51.551	ug/l	97
28) Bromochloromethane	5.02	49	84554	49.464	ug/l	99
29) Tetrahydrofuran	5.13	42	264448	264.424	ug/l	100
30) Chloroform	5.21	83	204903	52.259	ug/l	99
31) Cyclohexane	5.58	56	171064	51.737	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	182483	53.794	ug/l	99
36) 1,1-Dichloropropene	5.80	75	147237	51.437	ug/l	100
37) Ethyl Acetate	4.83	43	155976	53.214	ug/l	99
38) Carbon Tetrachloride	5.79	117	157811	52.906	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	187109	50.405	ug/l	99
40) Benzene	6.14	78	449002	51.207	ug/l	100
41) Methacrylonitrile	5.04	41	86934	52.246	ug/l	97
42) 1,2-Dichloroethane	6.19	62	161459	52.959	ug/l	99
43) Isopropyl Acetate	6.45	43	255420	52.996	ug/l	99
44) Trichloroethene	7.21	130	131581	50.696	ug/l	92
45) 1,2-Dichloropropane	7.51	63	114340	51.234	ug/l	98
46) Dibromomethane	7.66	93	83243	52.199	ug/l	99
47) Bromodichloromethane	7.90	83	153731	54.155	ug/l	100
48) Methyl methacrylate	7.77	41	125397	53.409	ug/l	98
49) 1,4-Dioxane	7.74	88	66392	1010.907	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	841453	269.329	ug/l	100
52) Toluene	8.78	92	297188	51.593	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	163825	53.672	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	179425	52.827	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	125269	52.817	ug/l	96
56) Ethyl methacrylate	9.18	69	193371	55.738	ug/l	100
57) 1,3-Dichloropropane	9.37	76	194853	51.789	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	443016	267.504	ug/l	100
59) 2-Hexanone	9.49	43	659044	271.969	ug/l	99
60) Dibromochloromethane	9.58	129	133629	49.008	ug/l	100
61) 1,2-Dibromoethane	9.67	107	133817	53.164	ug/l	99
64) Tetrachloroethene	9.34	164	127142	50.555	ug/l	97
65) Chlorobenzene	10.13	112	332152	50.586	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	123793	53.643	ug/l	99
67) Ethyl Benzene	10.25	91	584405	52.289	ug/l	99
68) m/p-Xylenes	10.36	106	447057	104.278	ug/l	99
69) o-Xylene	10.69	106	218917	52.322	ug/l	98
70) Styrene	10.71	104	378523	54.270	ug/l	100
71) Bromoform	10.85	173	101500	48.392	ug/l	99
73) Isopropylbenzene	11.02	105	593052	52.046	ug/l	99
74) N-amyl acetate	10.90	43	237337	54.512	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	193395	51.862	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	214344	70.435	ug/l	83
77) Bromobenzene	11.26	156	159170	50.641	ug/l	98
78) n-propylbenzene	11.36	91	667620	53.026	ug/l	99
79) 2-Chlorotoluene	11.42	91	394905	52.214	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	503055	52.834	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	53411	44.907	ug/l	95
82) 4-Chlorotoluene	11.51	91	464470	52.764	ug/l	99
83) tert-Butylbenzene	11.77	119	493588	52.776	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	516656	53.837	ug/l	99
85) sec-Butylbenzene	11.94	105	582815	53.183	ug/l	100
86) p-Isopropyltoluene	12.06	119	539836	53.284	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	284968	52.244	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	285436	51.023	ug/l	99
89) n-Butylbenzene	12.38	91	463962	53.529	ug/l	100
90) Hexachloroethane	12.60	117	84791	53.062	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	277452	51.324	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	42477	54.494	ug/l	98

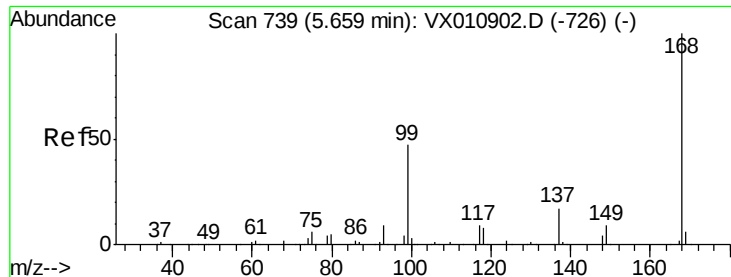
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	192352	52.503	ug/l	99
94) Hexachlorobutadiene	13.78	225	92532	50.968	ug/l	99
95) Naphthalene	13.83	128	595272	55.024	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	192097	52.698	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

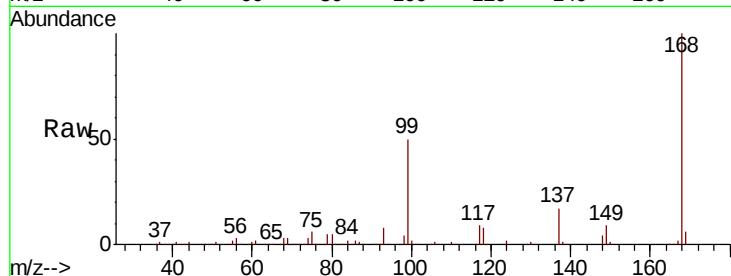
VSTDCCC050EC

Tot Ion:168 Resp: 228905

Ion Ratio Lower Upper

168 100

99 49.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

20000

0

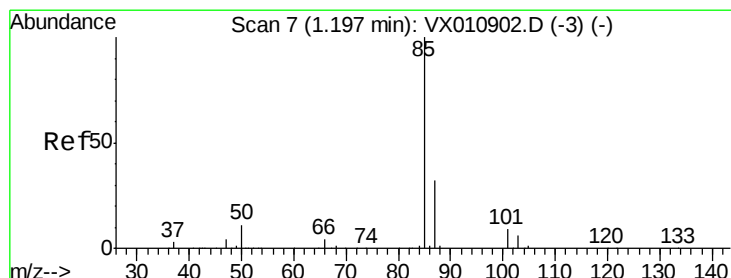
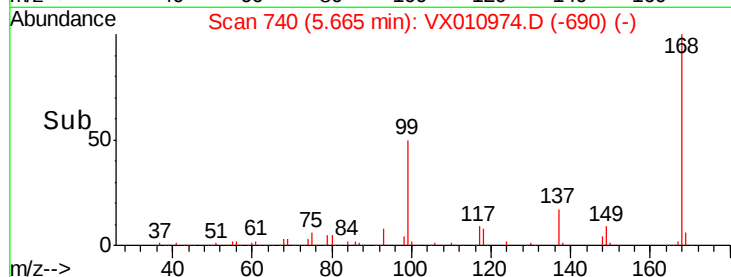
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 50.944 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010974.D

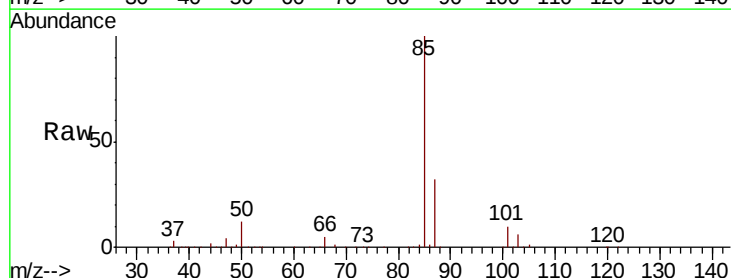
Acq: 18 Jul 2019 21:12

Tgt Ion: 85 Resp: 124373

Ion Ratio Lower Upper

85 100

87 31.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

100000

50000

0

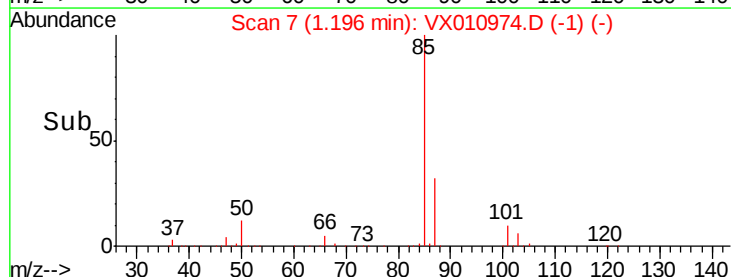
Time-->

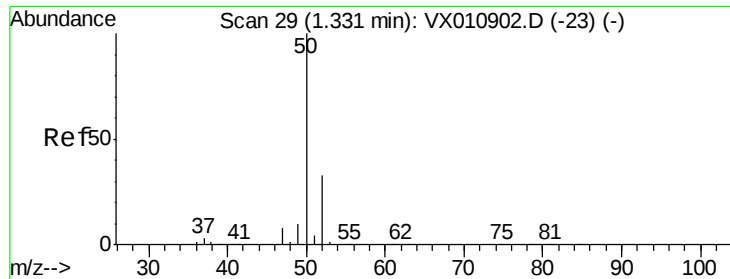
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 51.004 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

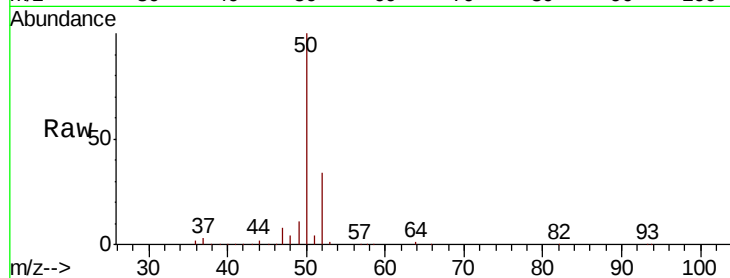
VSTDCCC050EC

Tot Ion: 50 Resp: 107364

Ion Ratio Lower Upper

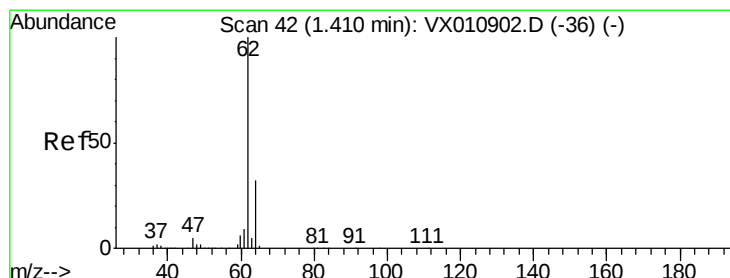
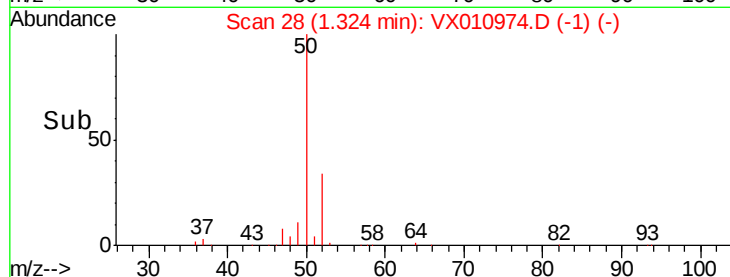
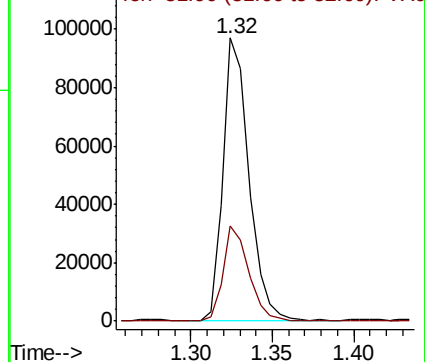
50 100

52 33.9 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.508 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010974.D

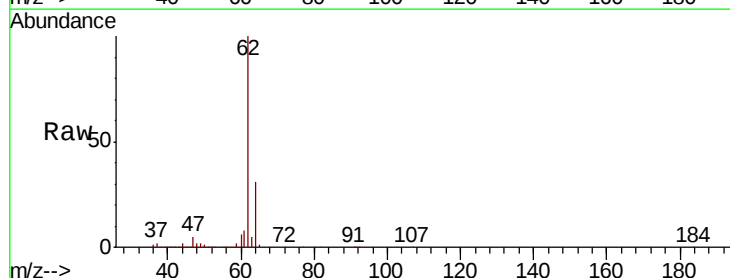
Acq: 18 Jul 2019 21:12

Tgt Ion: 62 Resp: 112740

Ion Ratio Lower Upper

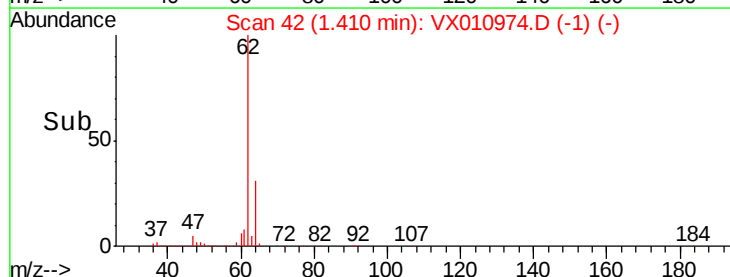
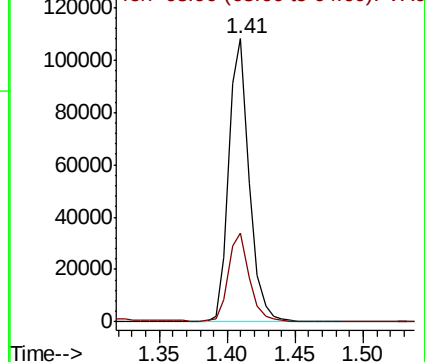
62 100

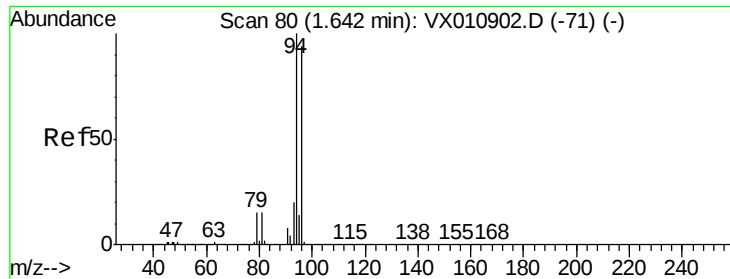
64 31.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 44.921 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

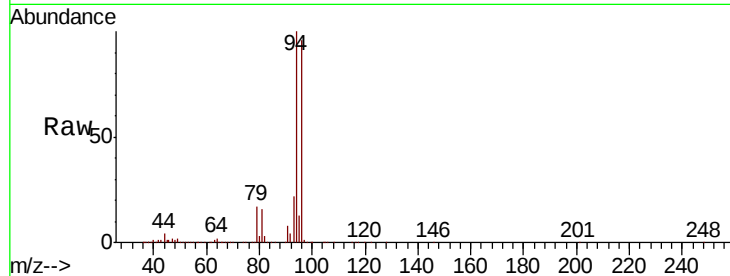
VSTDCCC050EC

Tot Ion: 94 Resp: 54352

Ion Ratio Lower Upper

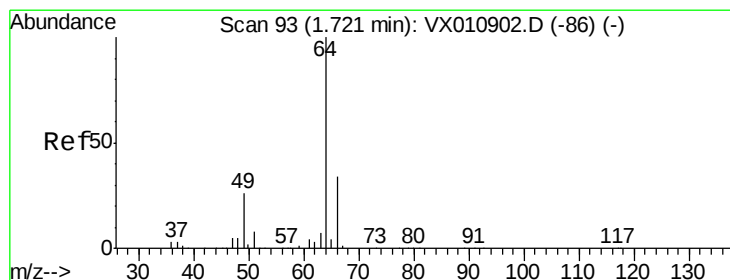
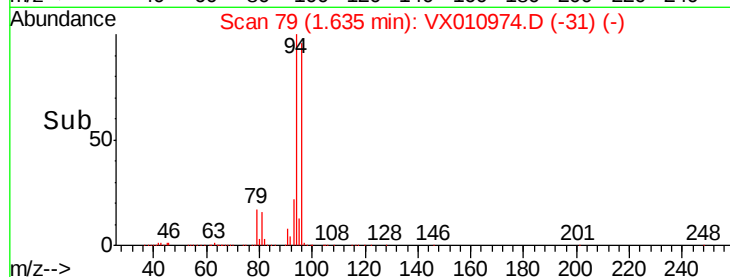
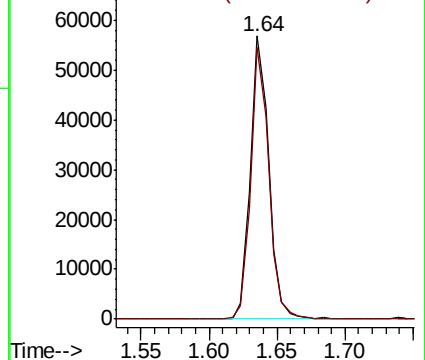
94 100

96 96.0 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.021 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX010974.D

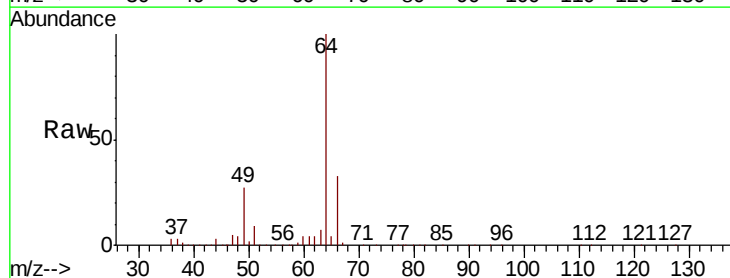
Acq: 18 Jul 2019 21:12

Tgt Ion: 64 Resp: 69616

Ion Ratio Lower Upper

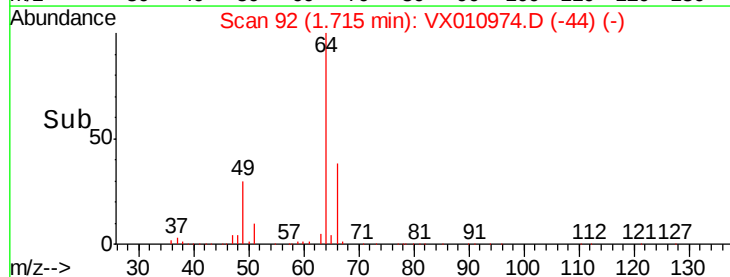
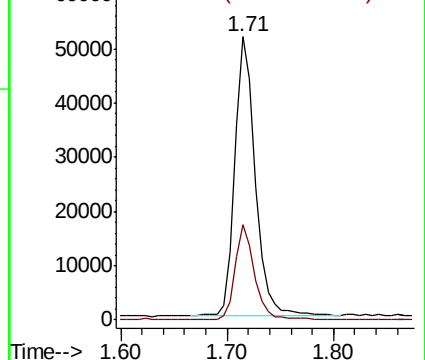
64 100

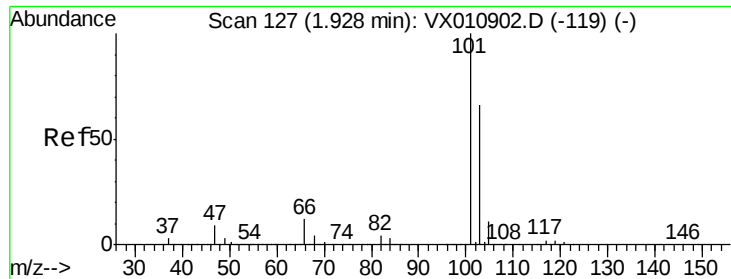
66 33.8 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



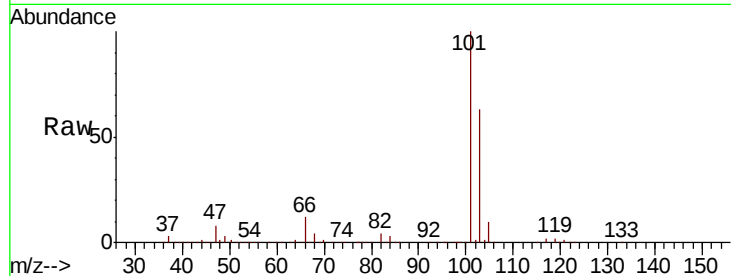


#7

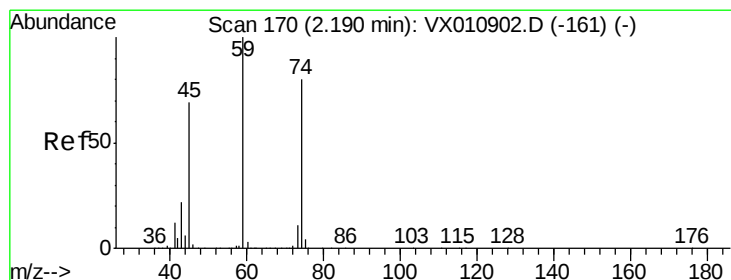
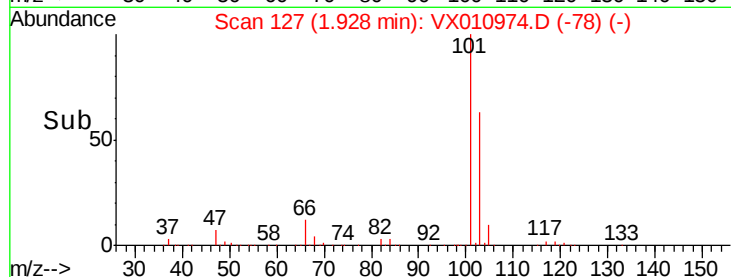
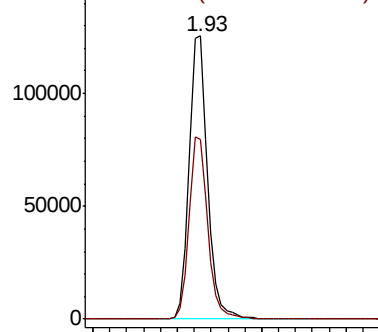
Trichlorofluoromethane
Concen: 52.598 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 191168
Ion Ratio Lower Upper
101 100
103 63.4 52.6 78.8



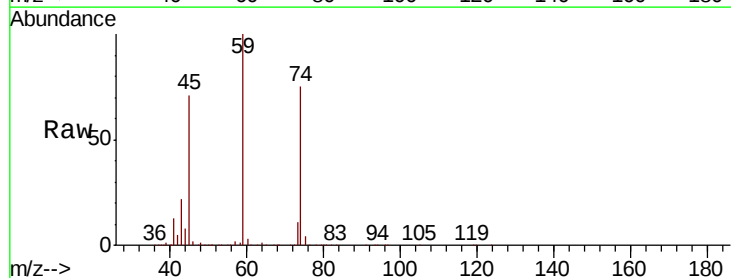
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



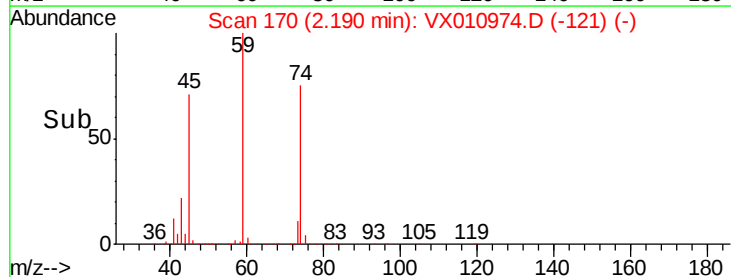
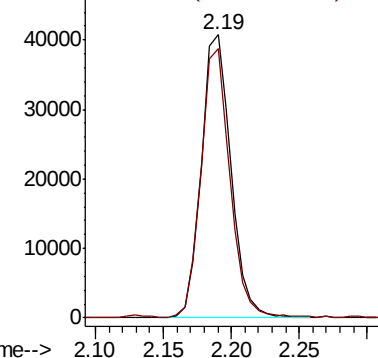
#8

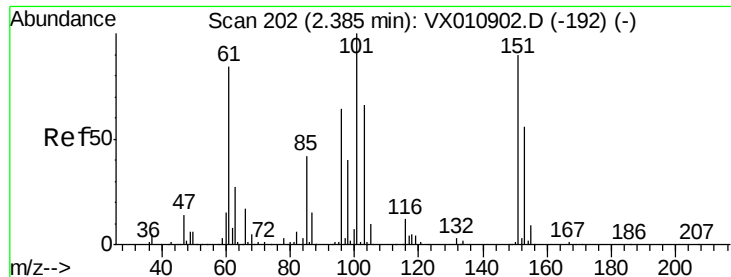
Diethyl Ether
Concen: 49.271 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion: 74 Resp: 61699
Ion Ratio Lower Upper
74 100
45 92.4 45.5 136.5



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.973 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

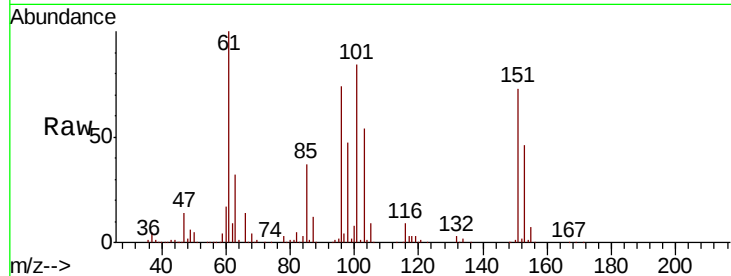
Tot Ion:101 Resp: 107854

Ion Ratio Lower Upper

101 100

85 42.9 34.6 52.0

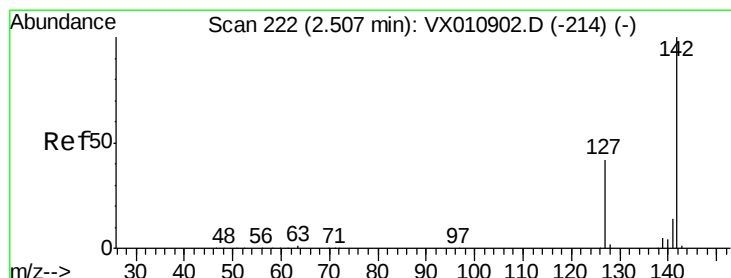
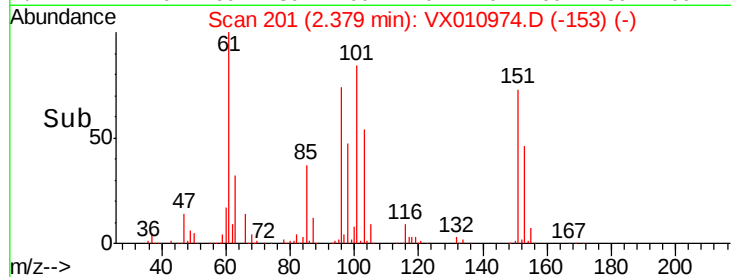
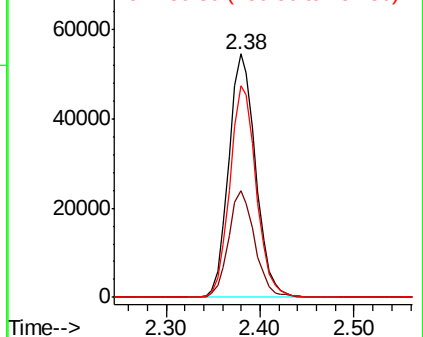
151 85.1 69.6 104.4



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: 49.818 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

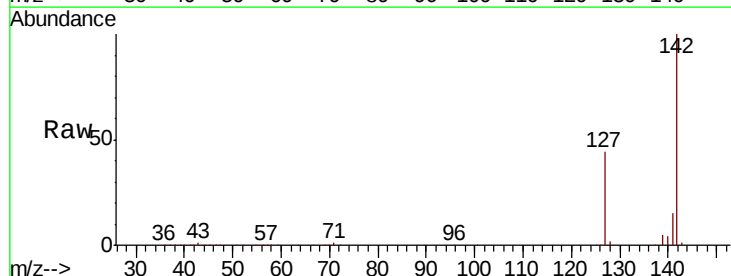
Tgt Ion:142 Resp: 135668

Ion Ratio Lower Upper

142 100

127 42.9 34.2 51.4

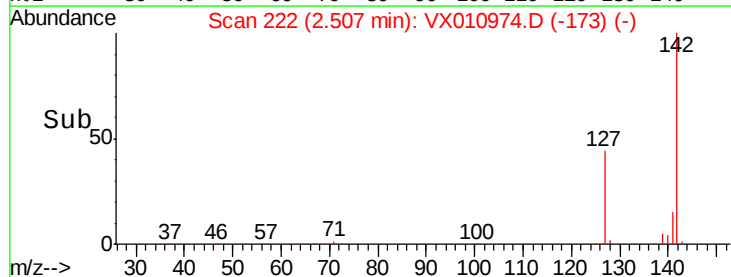
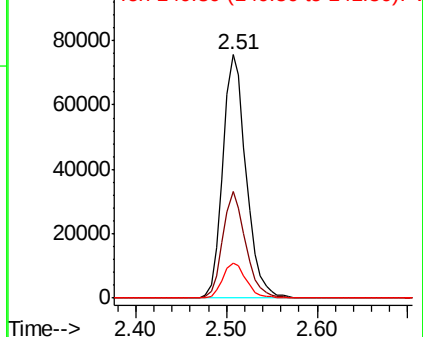
141 14.6 11.7 17.5

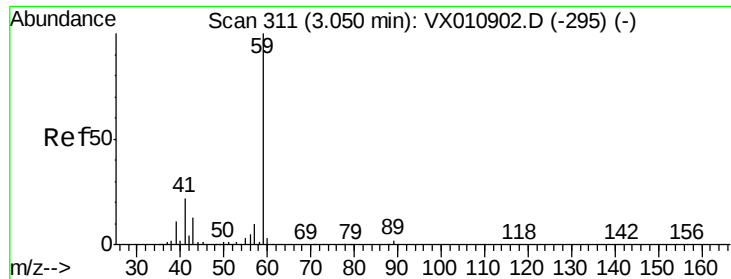


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

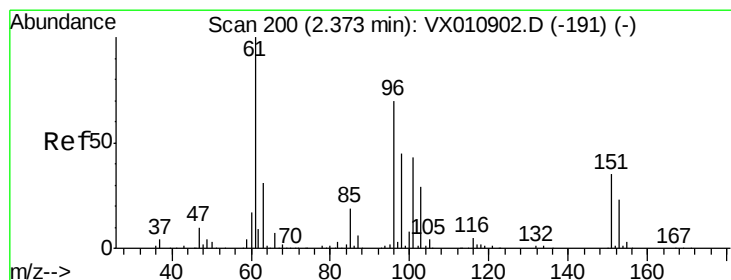
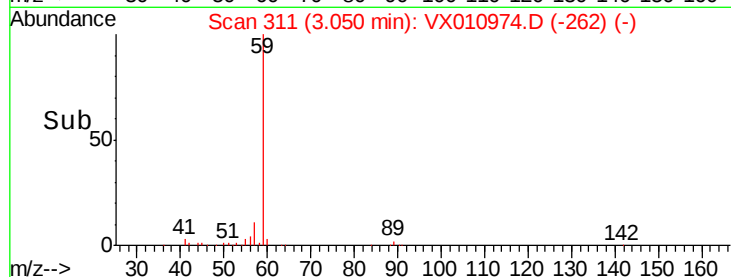
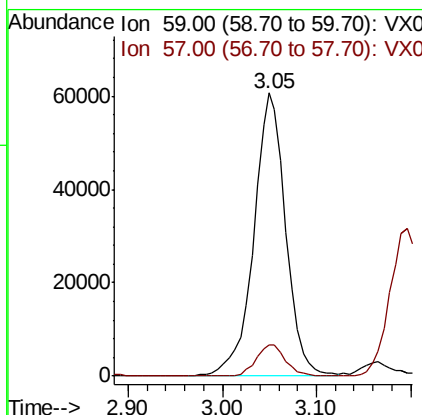
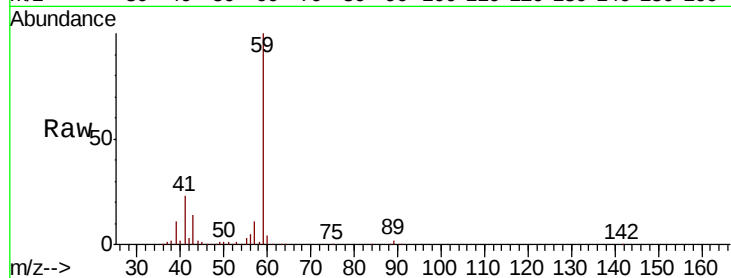




#11
Tert butyl alcohol
Concen: 254.186 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

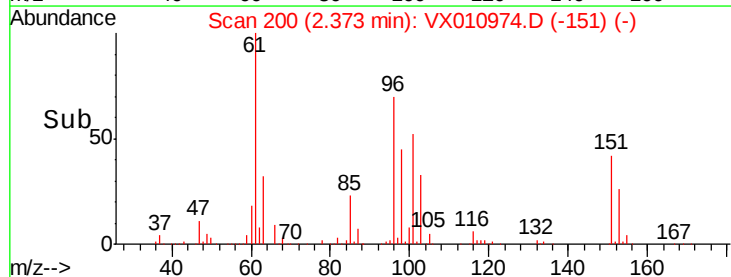
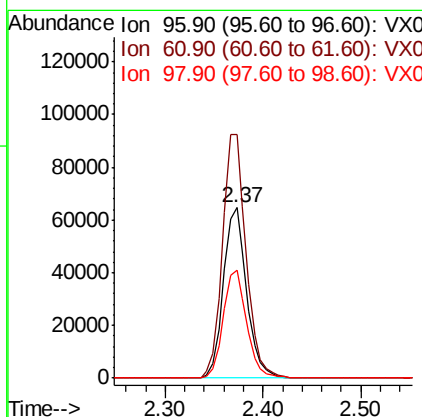
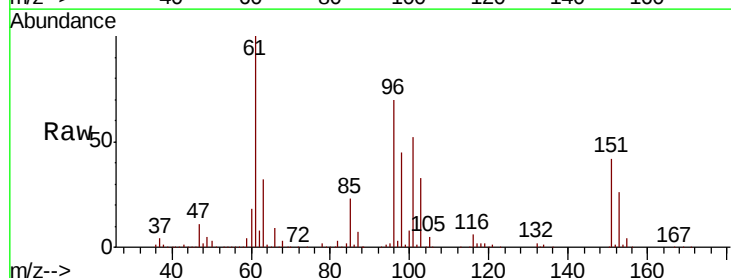
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

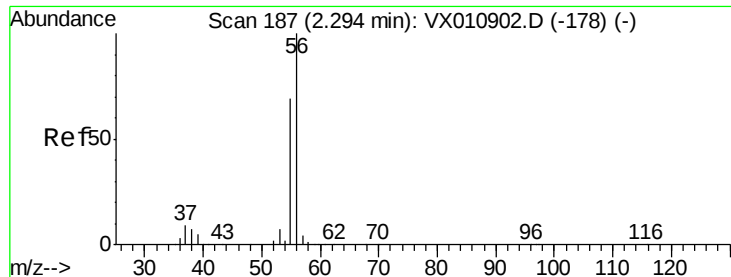
Tot Ion: 59 Resp: 144158
Ion Ratio Lower Upper
59 100
57 10.4 7.9 11.9



#12
1,1-Dichloroethene
Concen: 52.268 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion: 96 Resp: 106570
Ion Ratio Lower Upper
96 100
61 142.3 115.0 172.4
98 63.6 52.2 78.2





#13

Acrolein

Concen: 236.716 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

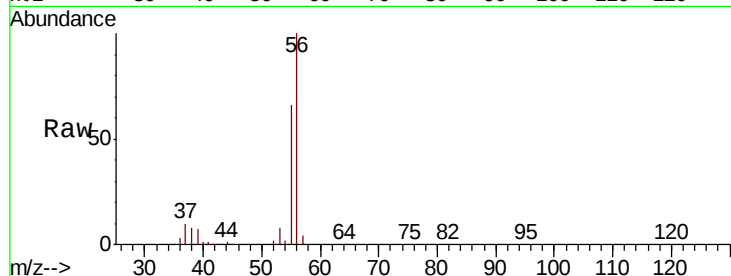
VSTDCCC050EC

Tot Ion: 56 Resp: 77565

Ion Ratio Lower Upper

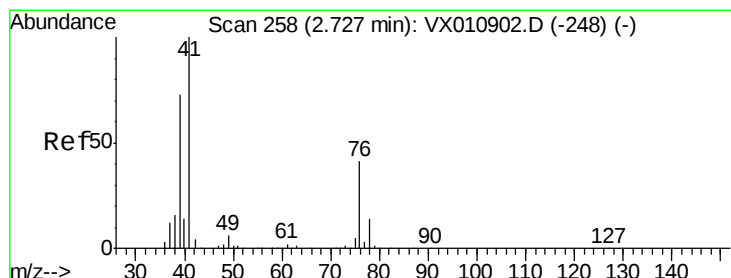
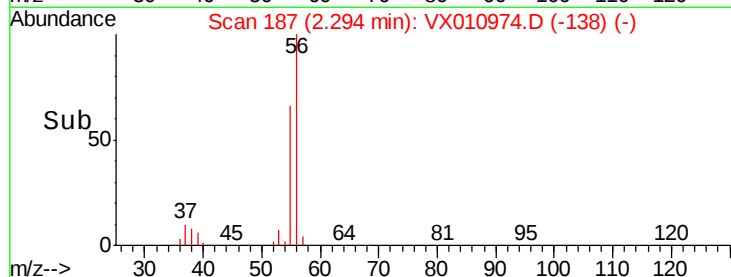
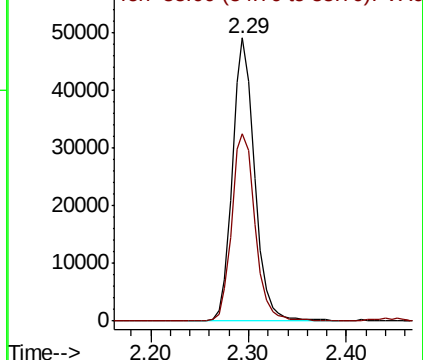
56 100

55 69.7 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 51.420 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

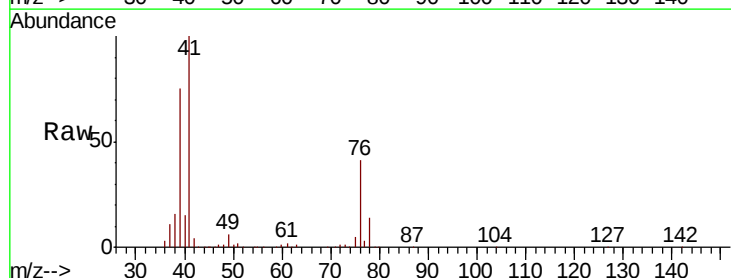
Tgt Ion: 41 Resp: 152285

Ion Ratio Lower Upper

41 100

39 67.6 53.6 80.4

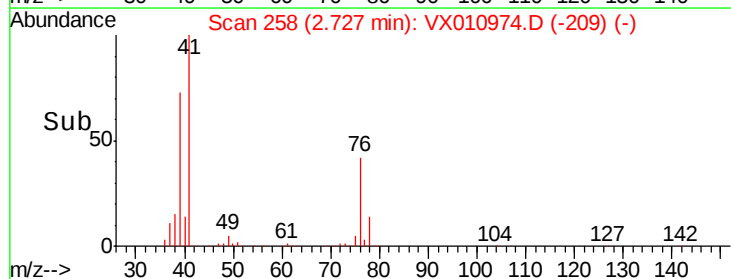
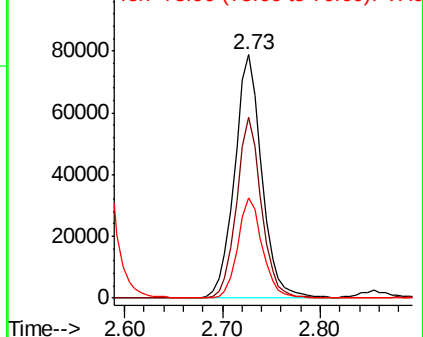
76 36.7 29.7 44.5

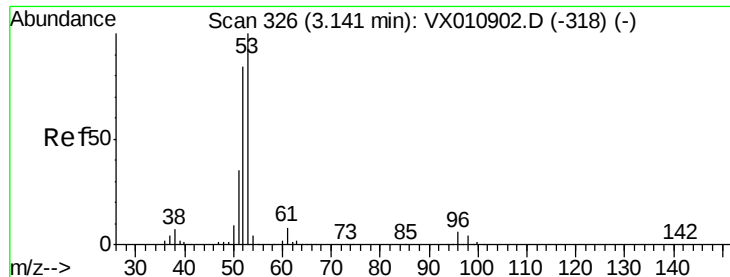


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 260.354 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

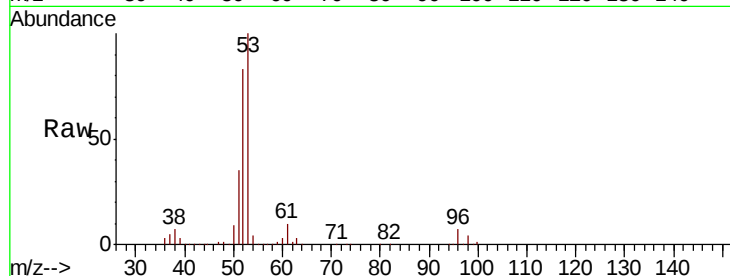
Tot Ion: 53 Resp: 298367

Ion Ratio Lower Upper

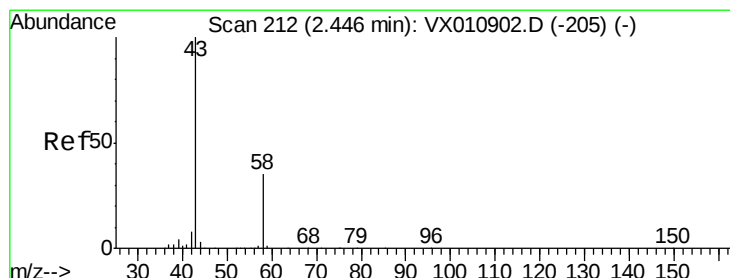
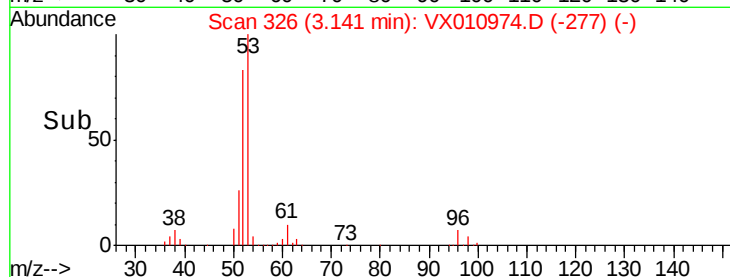
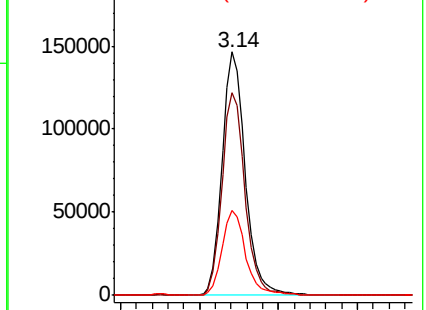
53 100

52 83.2 66.5 99.7

51 35.7 28.2 42.4



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: 228.305 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010974.D

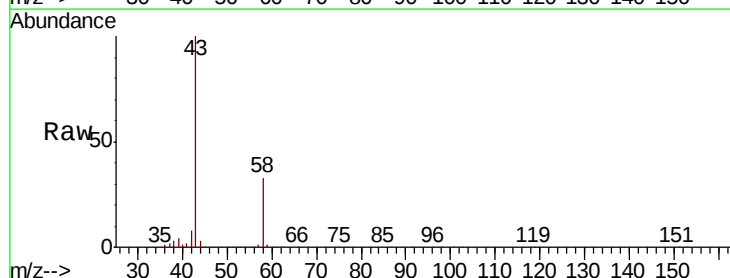
Acq: 18 Jul 2019 21:12

Tgt Ion: 43 Resp: 251102

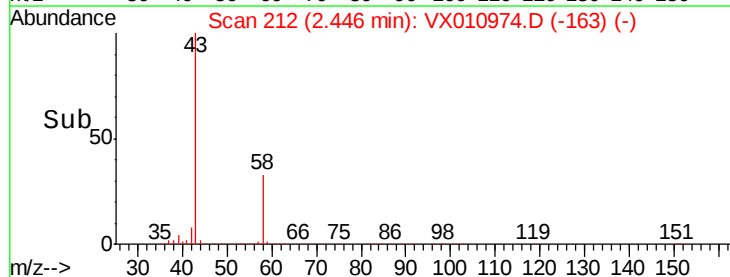
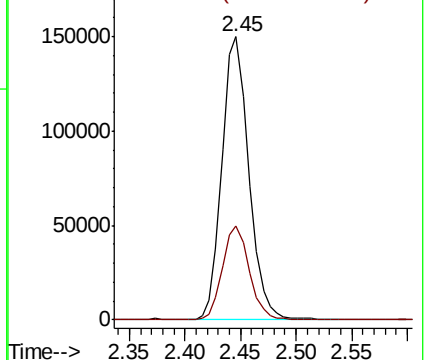
Ion Ratio Lower Upper

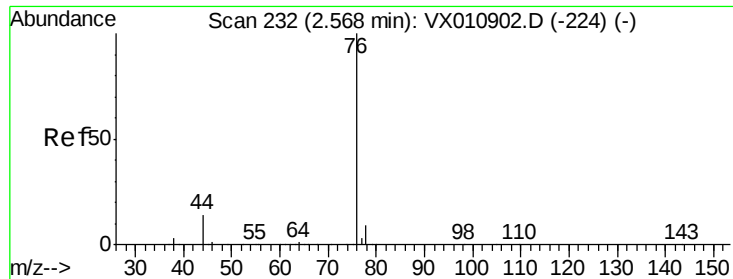
43 100

58 33.2 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

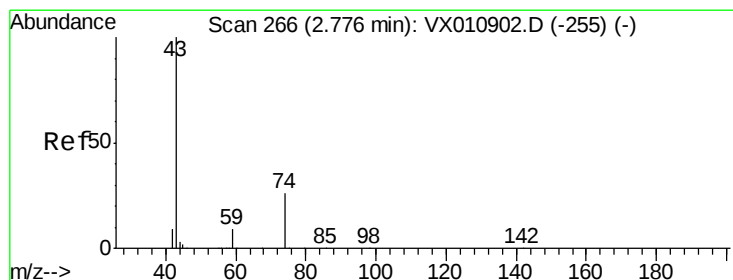
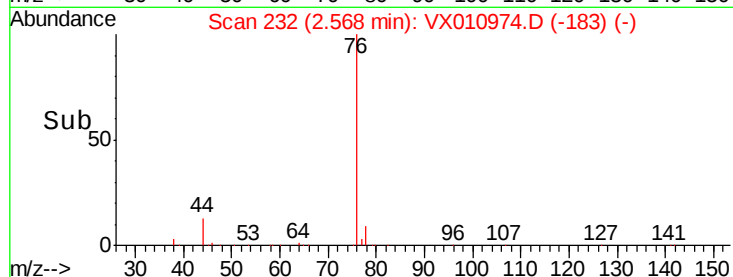
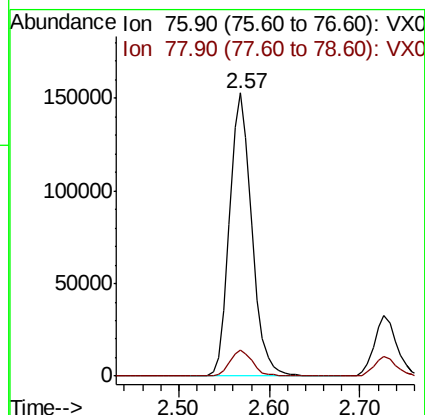
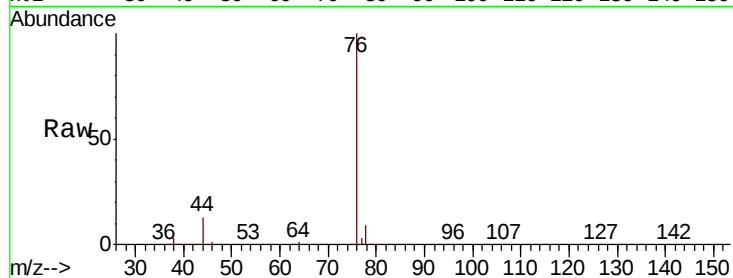




#17
Carbon Disulfide
Concen: 49.871 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

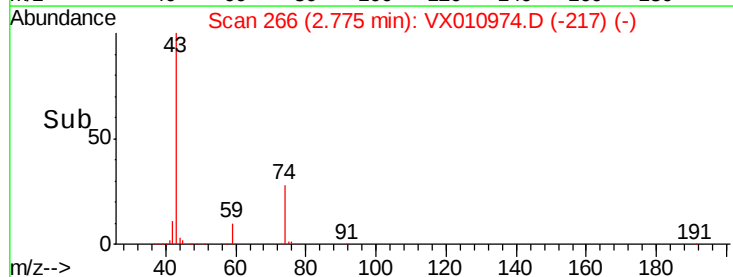
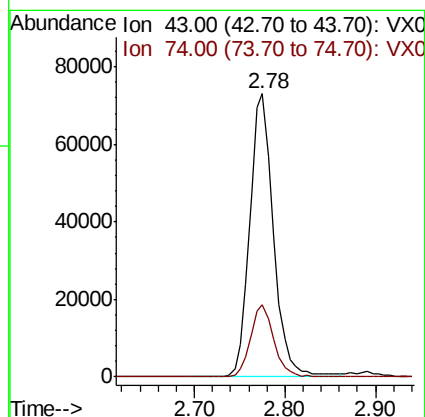
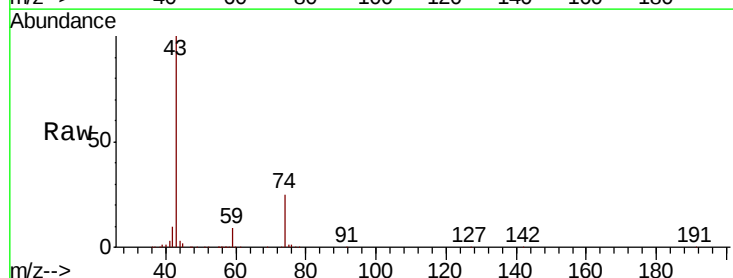
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

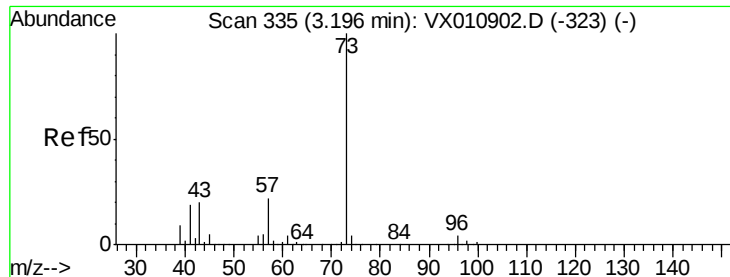
Tot Ion: 76 Resp: 260828
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 52.430 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion: 43 Resp: 131305
Ion Ratio Lower Upper
43 100
74 25.5 21.5 32.3

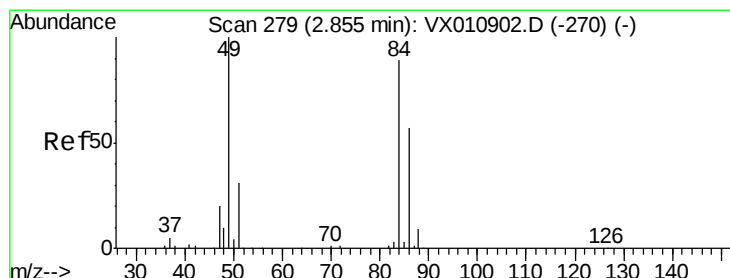
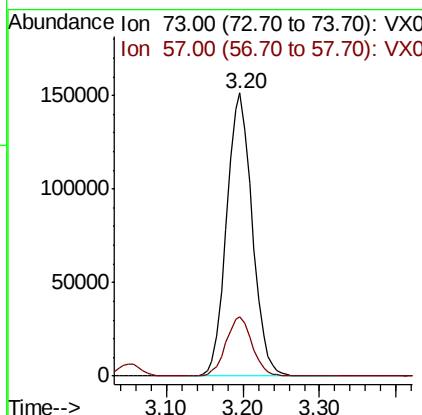
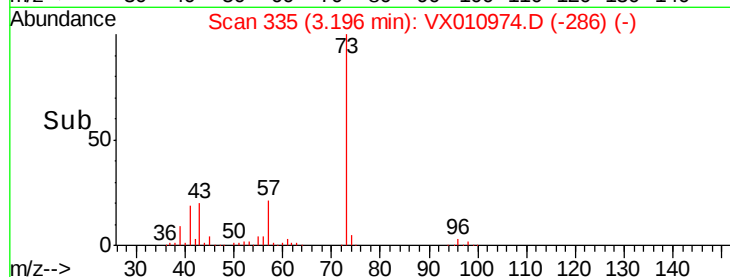
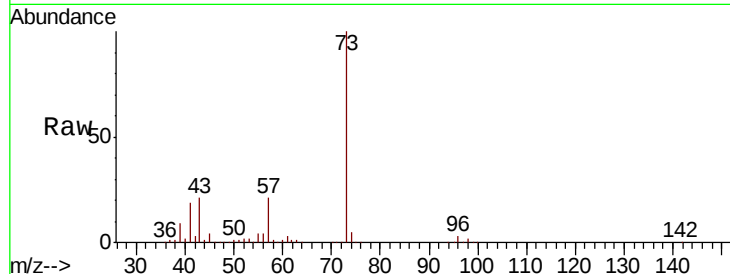




#19
Methyl tert-butyl Ether
Concen: 53.306 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

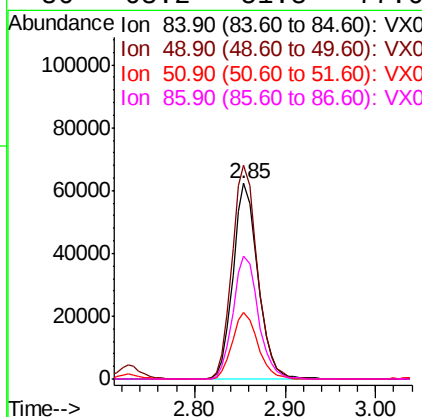
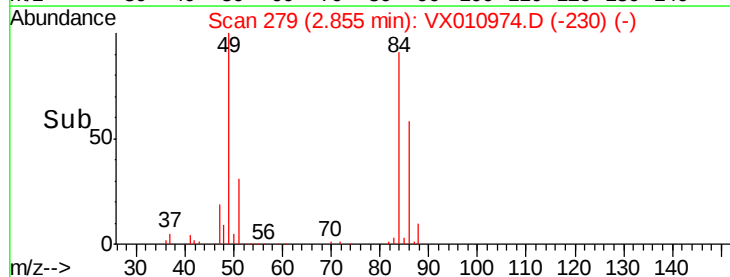
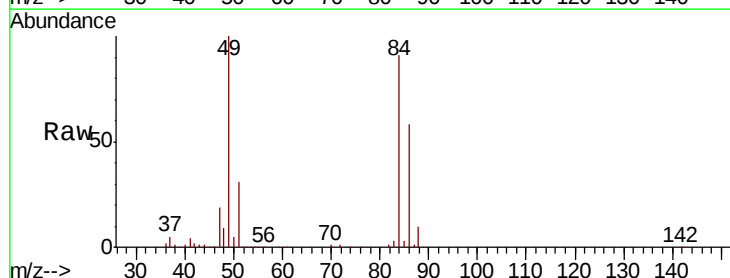
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

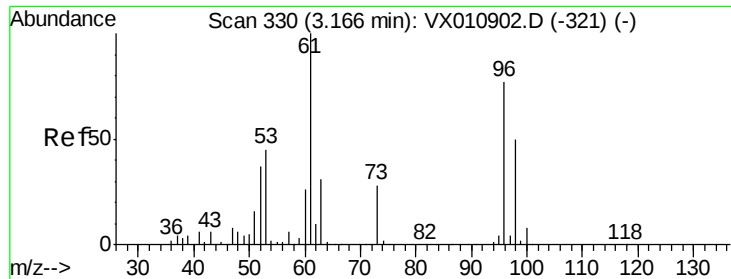
Tot Ion: 73 Resp: 349884
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9



#20
Methylene Chloride
Concen: 50.918 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion: 84 Resp: 118681
Ion Ratio Lower Upper
84 100
49 109.3 89.9 134.9
51 34.2 27.8 41.6
86 63.2 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 51.339 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

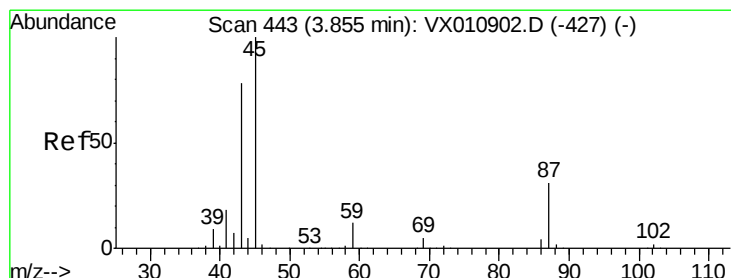
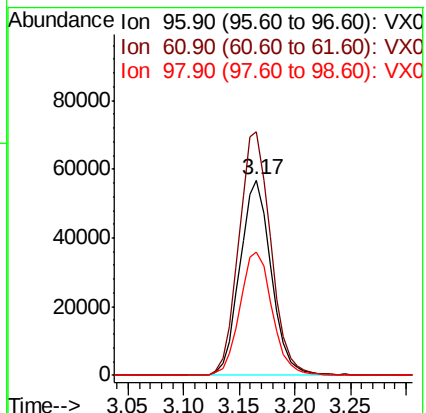
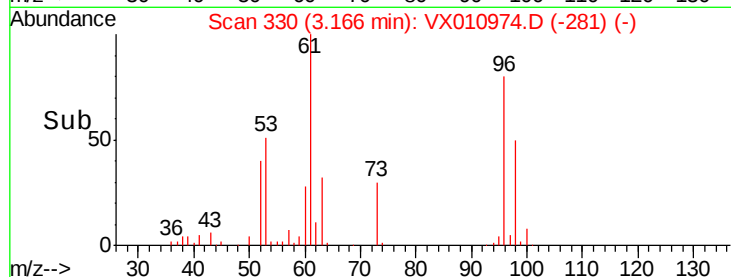
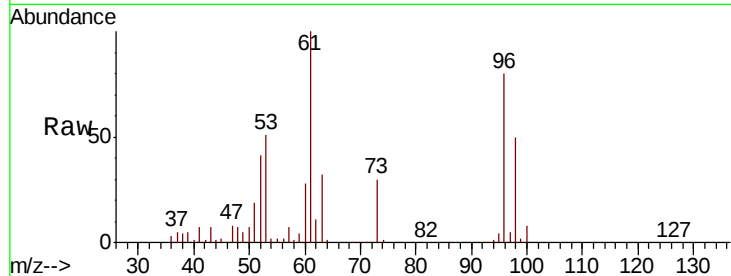
Tot Ion: 96 Resp: 111067

Ion Ratio Lower Upper

96 100

61 124.4 104.2 156.2

98 62.8 52.2 78.4



#22

Diisopropyl ether

Concen: 52.600 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Tgt Ion: 45 Resp: 328554

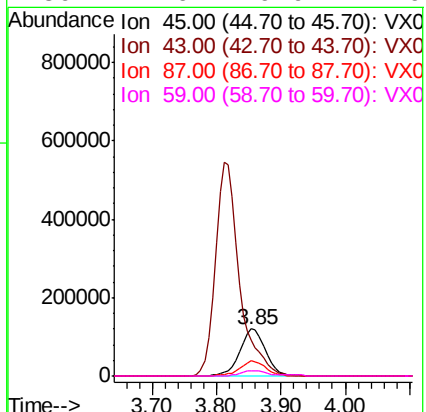
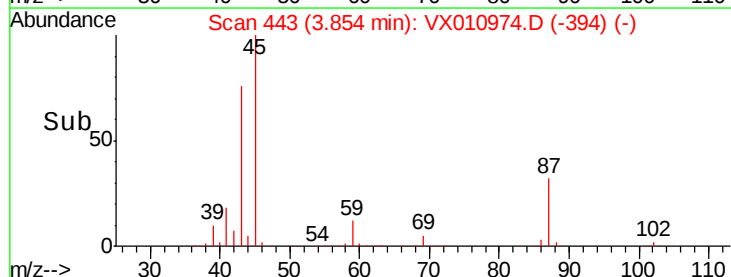
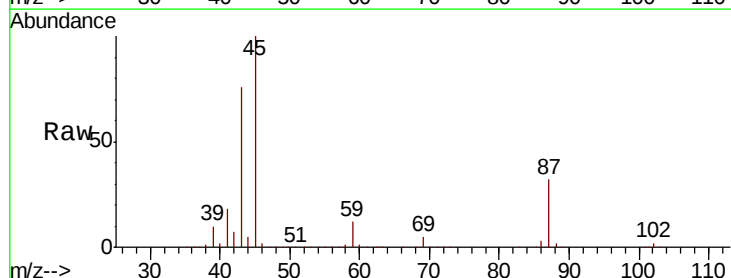
Ion Ratio Lower Upper

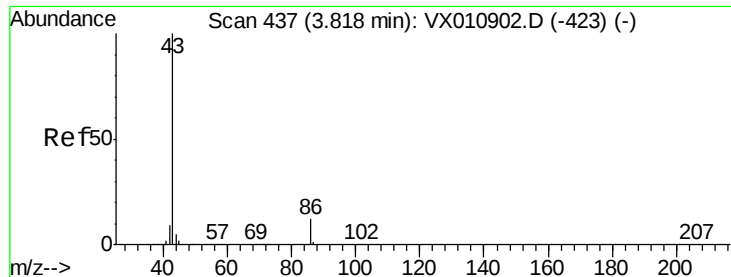
45 100

43 75.4 62.3 93.5

87 31.7 25.0 37.4

59 11.6 9.9 14.9





#23

Vinyl Acetate

Concen: 269.962 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

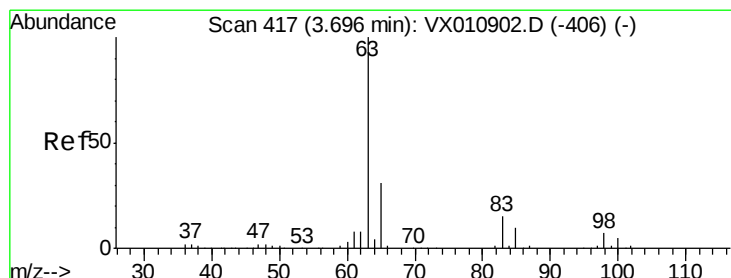
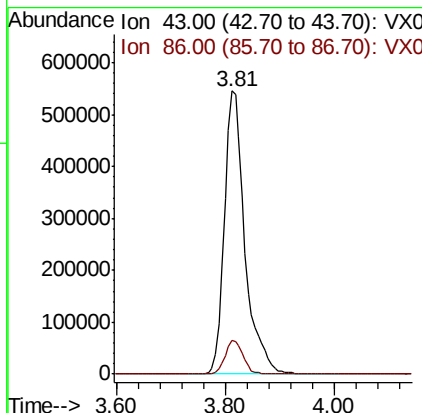
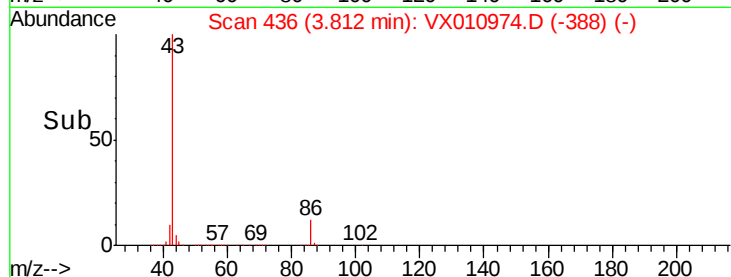
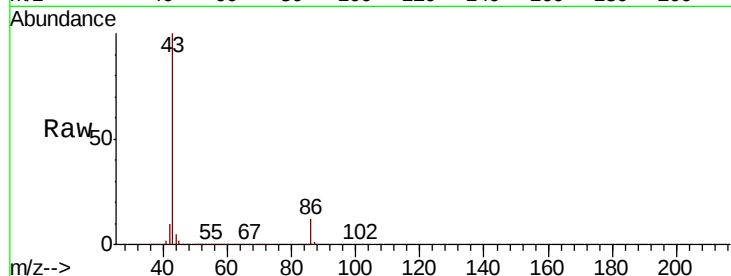
VSTDCCC050EC

Tot Ion: 43 Resp: 1428740

Ion Ratio Lower Upper

43 100

86 11.7 9.4 14.0



#24

1,1-Dichloroethane

Concen: 51.870 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

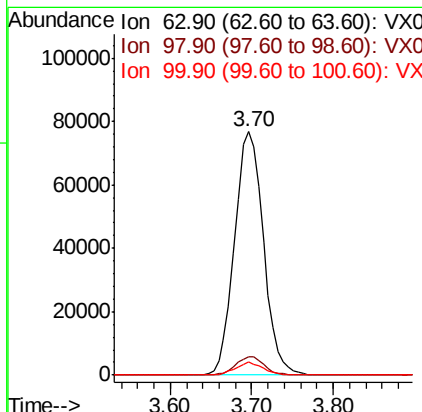
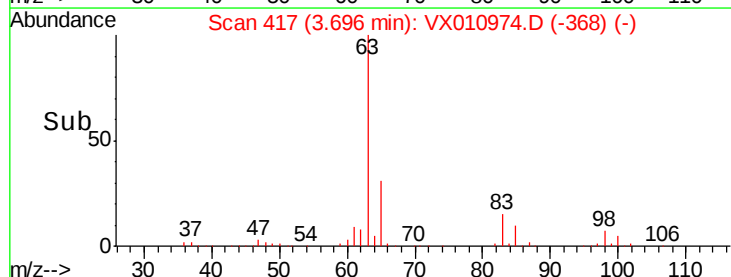
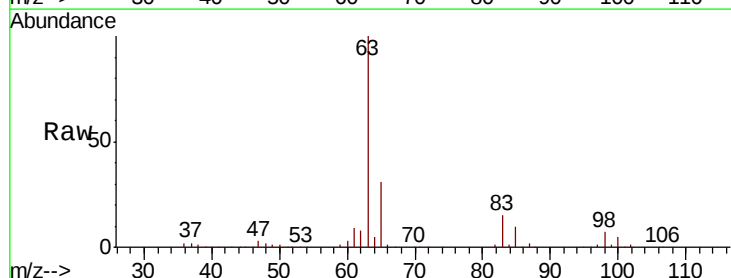
Tgt Ion: 63 Resp: 188160

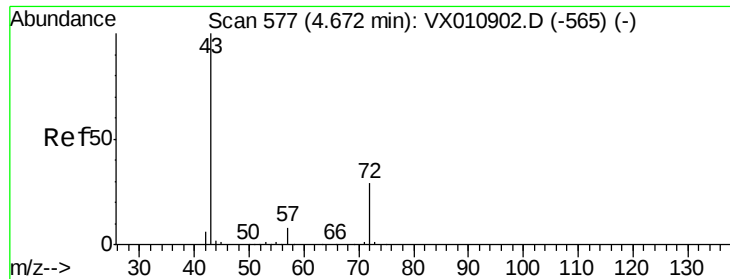
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.9

100 5.3 2.4 7.2





#25

2-Butanone

Concen: 261.267 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

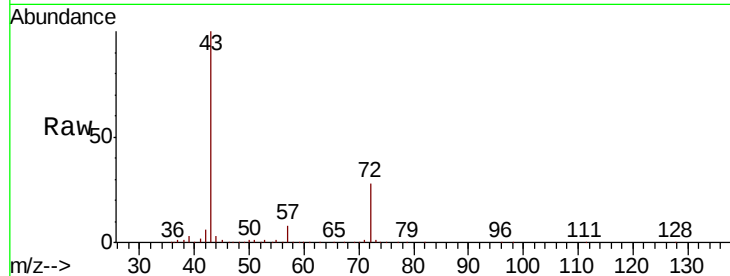
VSTDCCC050EC

Tot Ion: 43 Resp: 412496

Ion Ratio Lower Upper

43 100

72 28.2 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

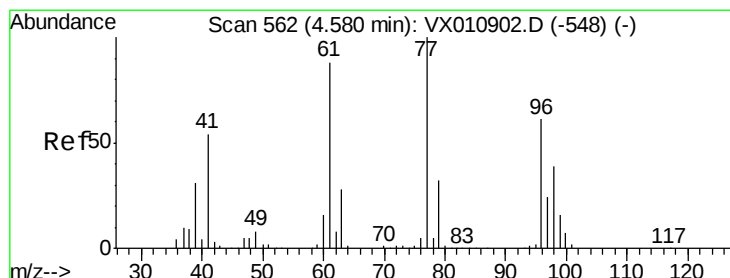
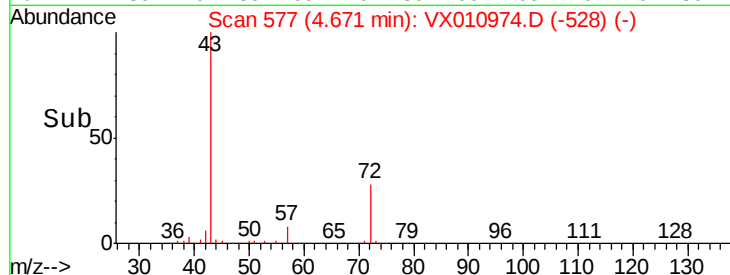
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 44.751 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010974.D

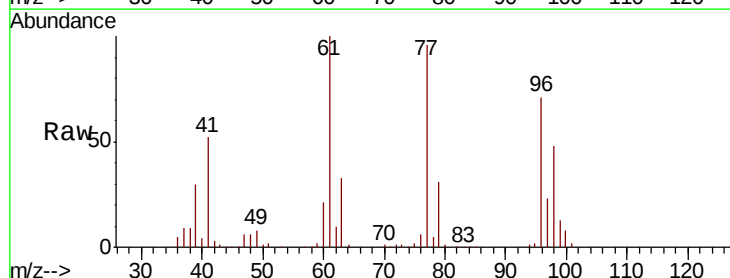
Acq: 18 Jul 2019 21:12

Tgt Ion: 77 Resp: 133292

Ion Ratio Lower Upper

77 100

97 25.3 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

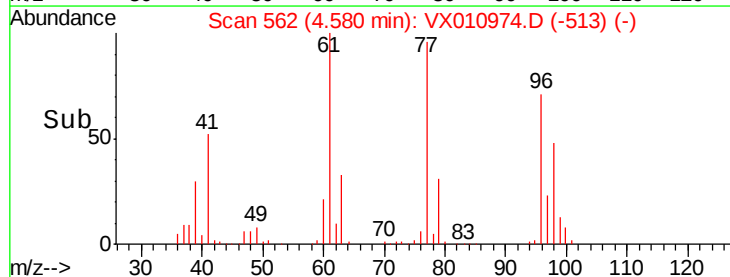
20000

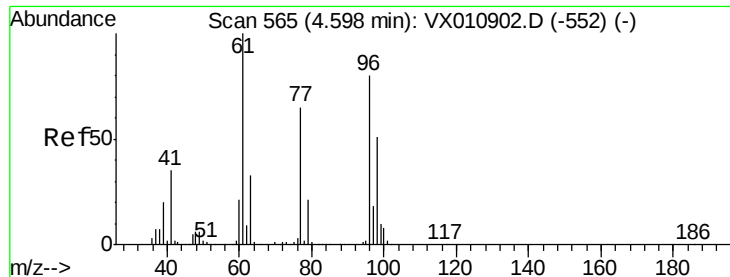
10000

0

4.50 4.60 4.70

Time-->



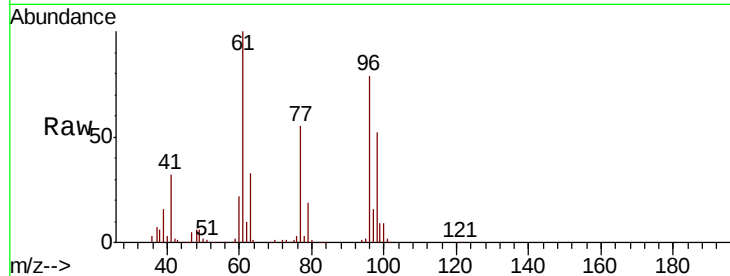


#27

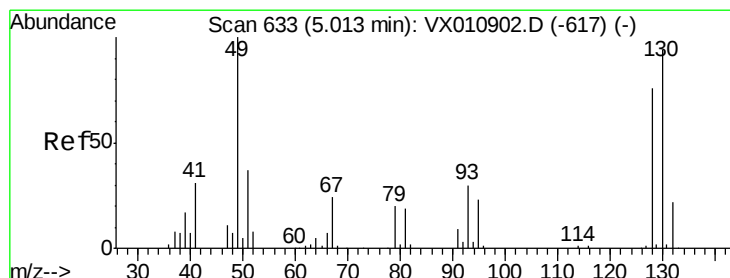
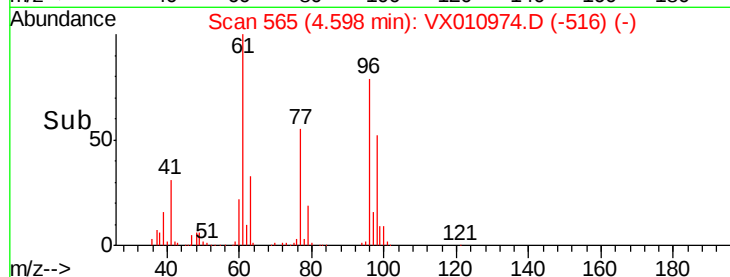
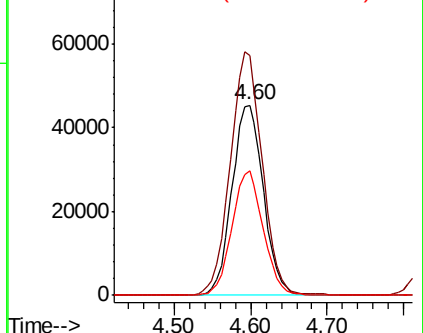
cis-1,2-Dichloroethene
Concen: 51.551 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 129070
Ion Ratio Lower Upper
96 100
61 130.6 0.0 269.0
98 64.9 0.0 131.4



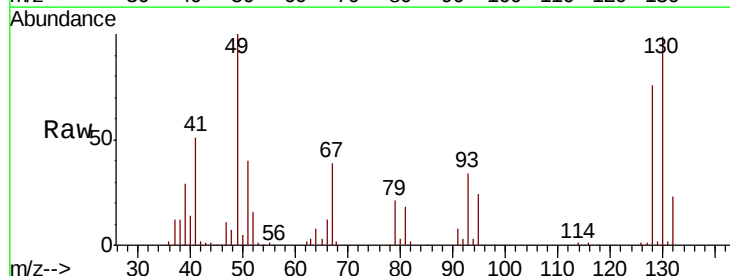
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



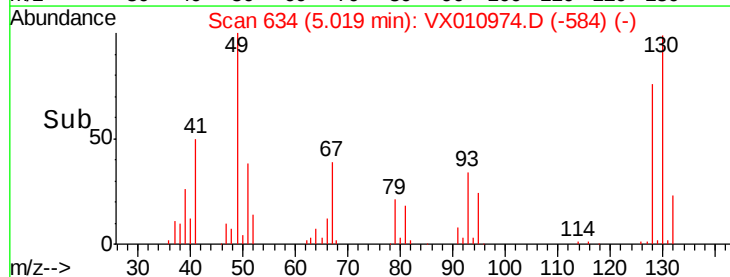
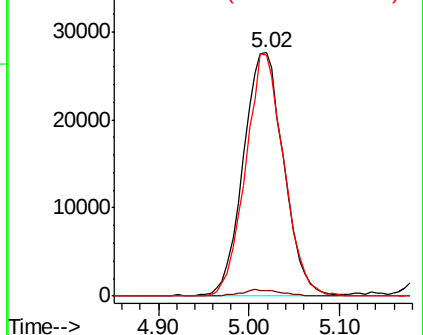
#28

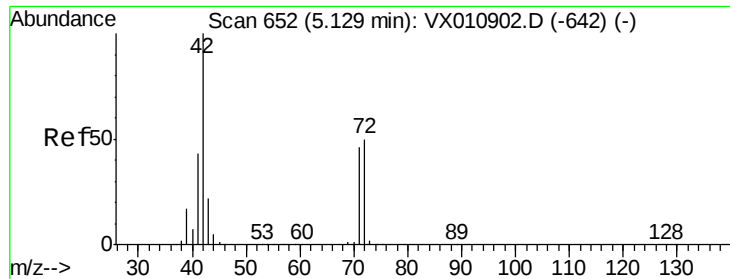
Bromochloromethane
Concen: 49.464 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion: 49 Resp: 84554
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.2
130 95.0 76.9 115.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

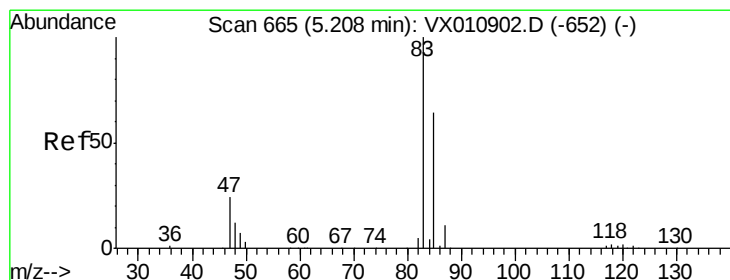
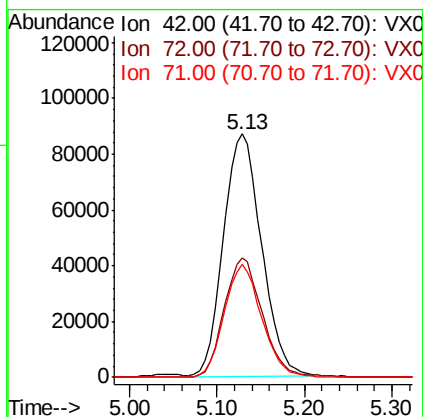
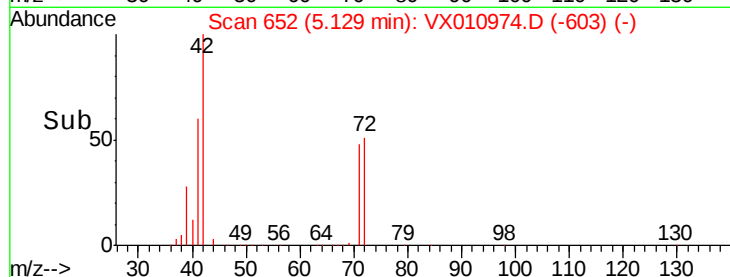
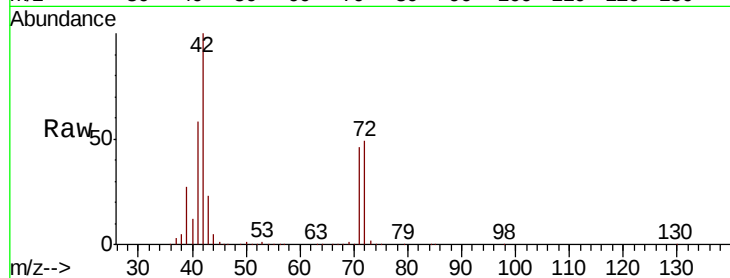




#29
Tetrahydrofuran
Concen: 264.424 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

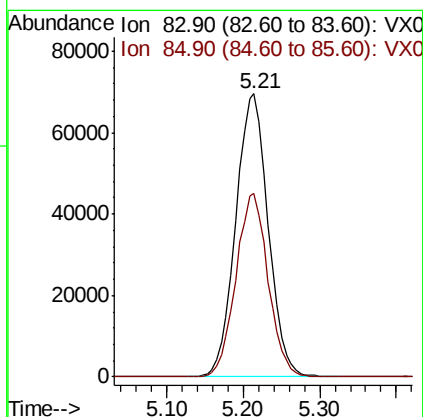
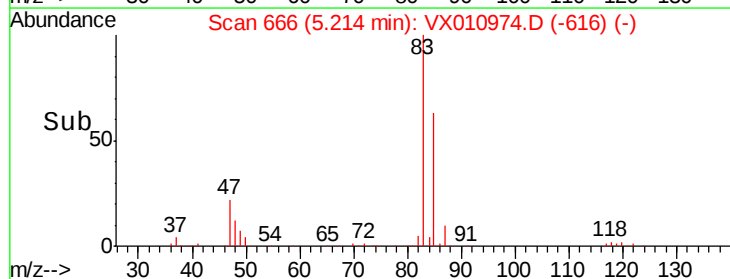
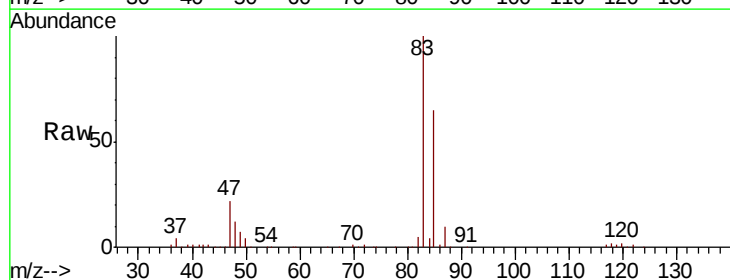
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

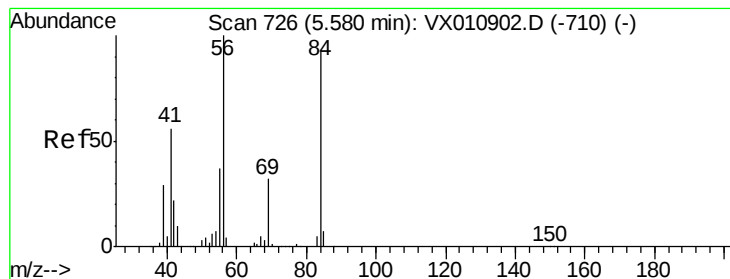
Tot Ion: 42 Resp: 264448
Ion Ratio Lower Upper
42 100
72 49.5 39.8 59.8
71 45.8 37.0 55.4



#30
Chloroform
Concen: 52.259 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion: 83 Resp: 204903
Ion Ratio Lower Upper
83 100
85 64.9 51.4 77.0





#31

Cyclohexane

Concen: 51.737 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

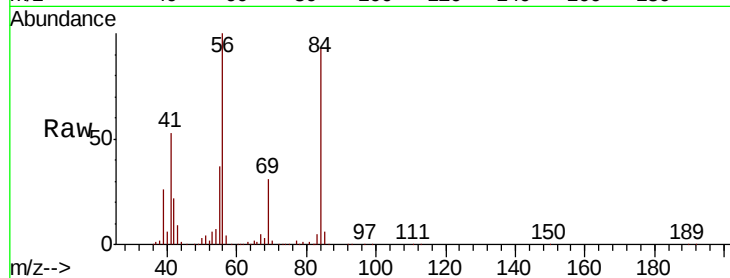
Tot Ion: 56 Resp: 171064

Ion Ratio Lower Upper

56 100

69 31.1 25.8 38.8

84 90.8 73.8 110.6

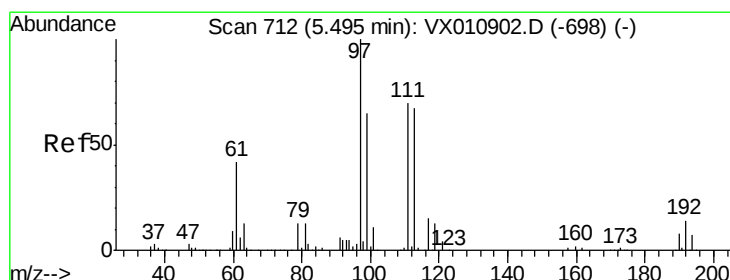
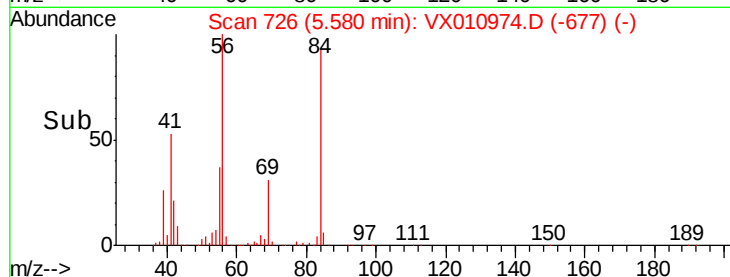
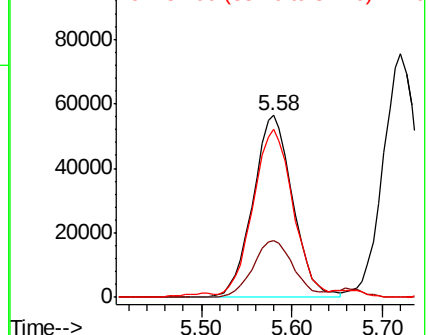


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 53.794 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

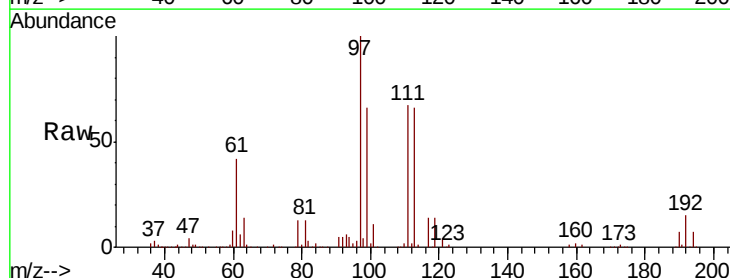
Tgt Ion: 97 Resp: 182483

Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.0

61 40.7 33.0 49.6

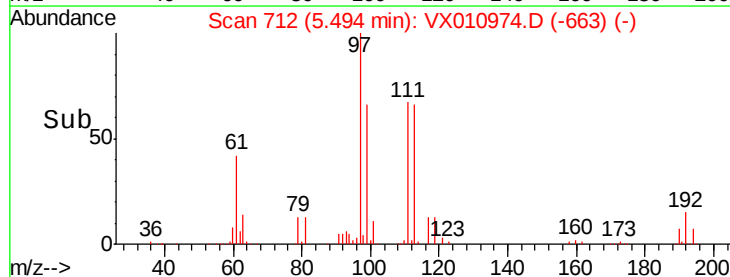
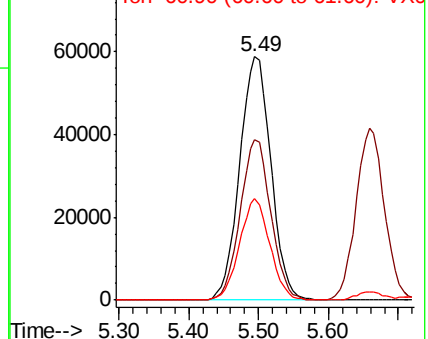


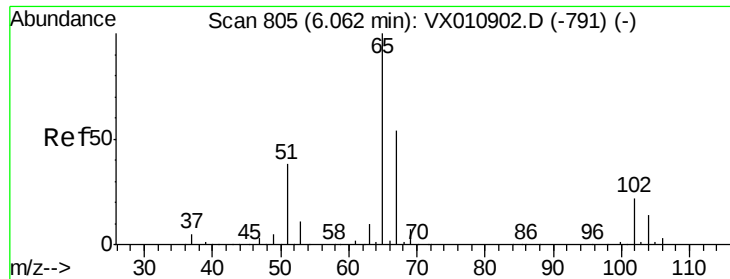
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

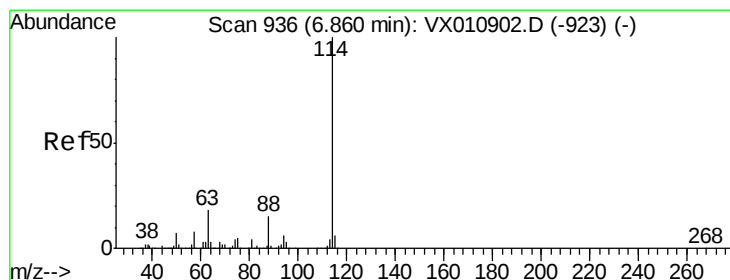
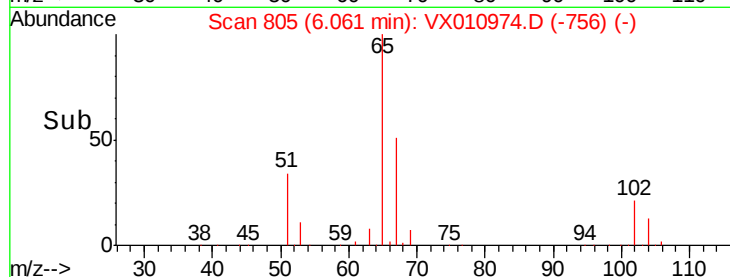
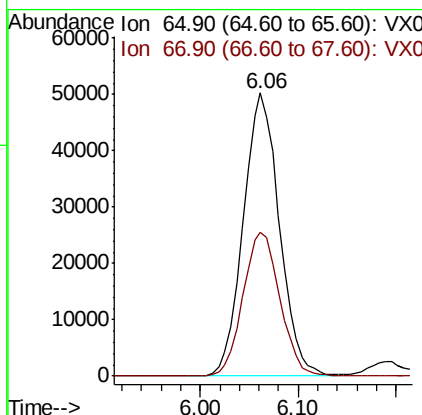
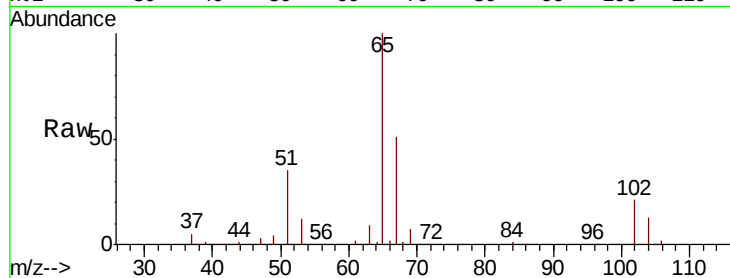




#33
 1,2-Dichloroethane-d4
 Concen: 52.828 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

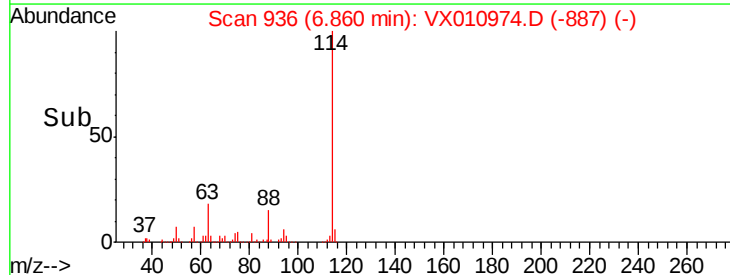
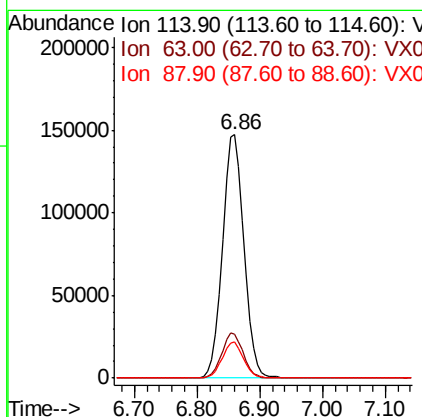
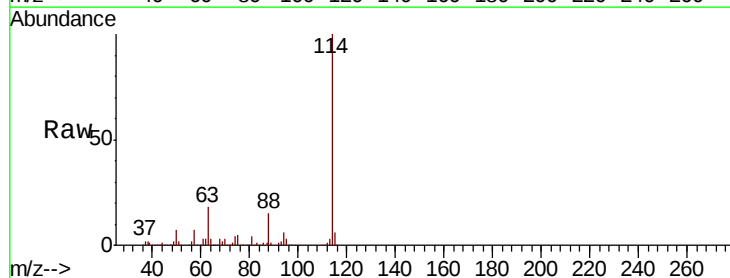
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

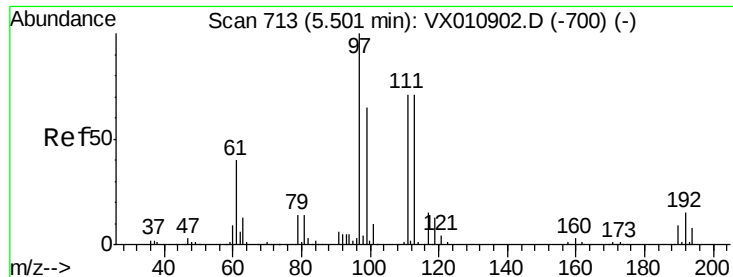
Tot Ion: 65 Resp: 128647
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

Tgt Ion: 114 Resp: 348485
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.6
 88 15.1 0.0 29.8

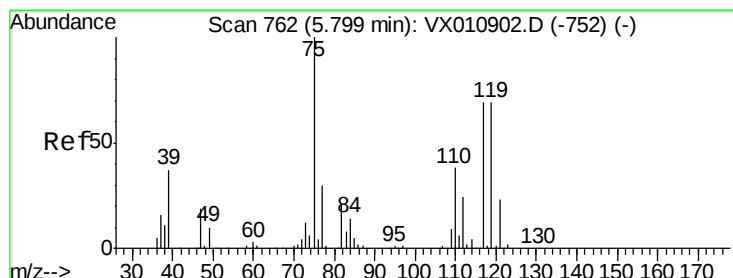
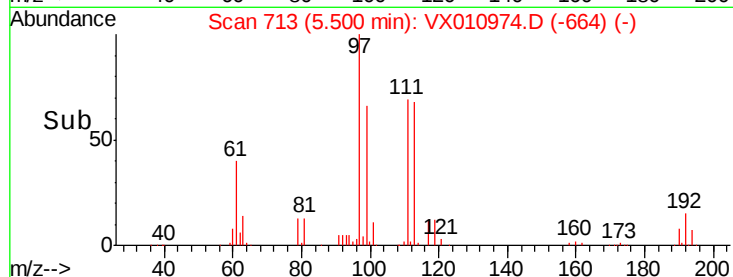
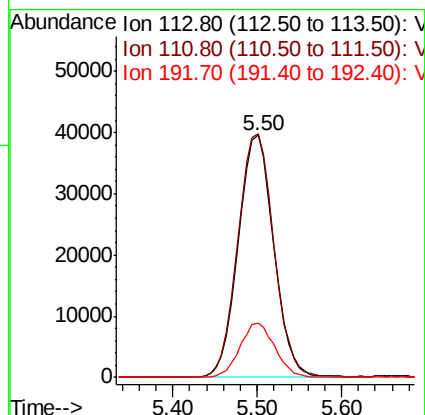
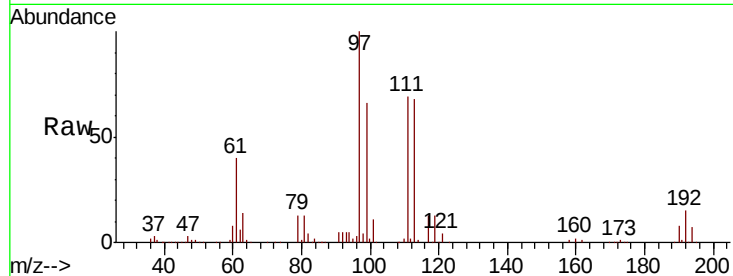




#35
 Dibromofluoromethane
 Concen: 50.980 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

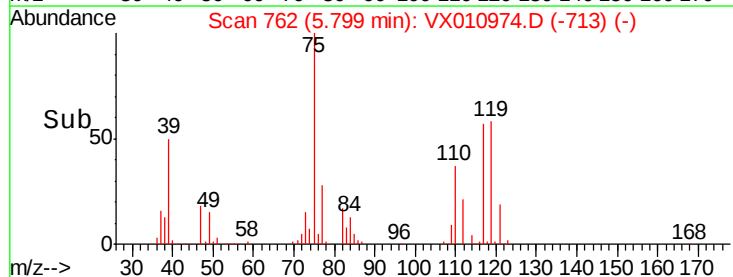
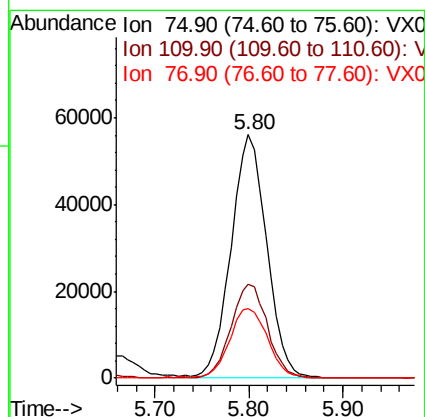
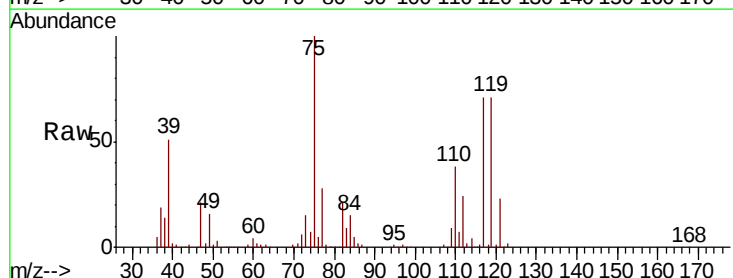
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

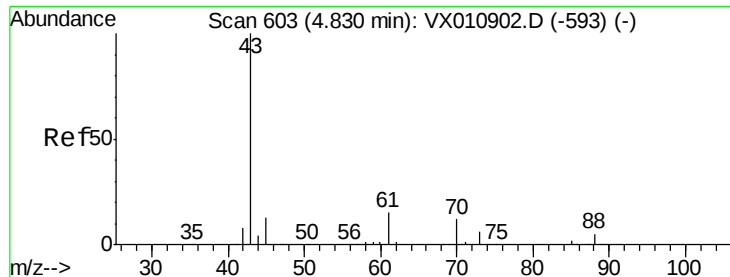
Tot Ion:113 Resp: 112763
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.3 123.5
 192 22.2 17.4 26.2



#36
 1,1-Dichloropropene
 Concen: 51.437 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

Tgt Ion: 75 Resp: 147237
 Ion Ratio Lower Upper
 75 100
 110 39.6 19.9 59.7
 77 30.8 25.0 37.4





#37

Ethyl Acetate

Concen: 53.214 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

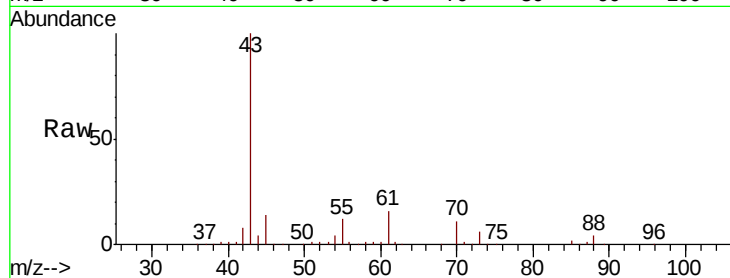
Tot Ion: 43 Resp: 155976

Ion Ratio Lower Upper

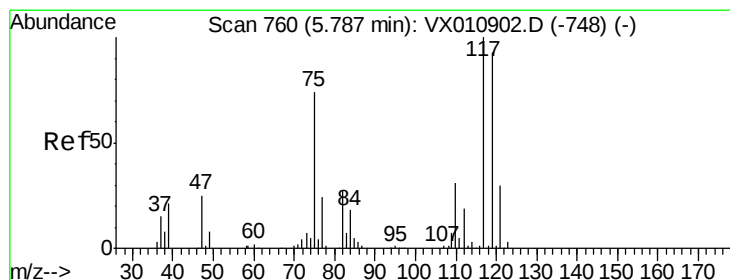
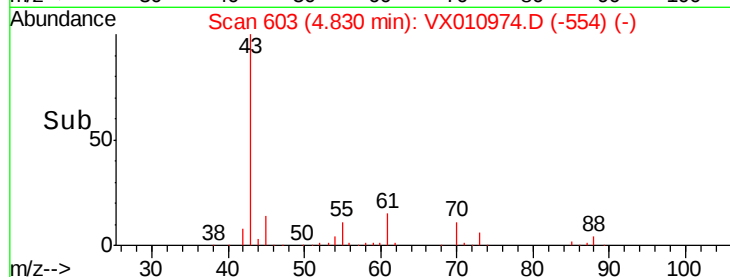
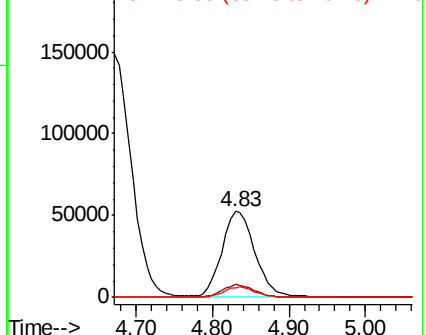
43 100

61 15.0 11.6 17.4

70 11.6 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 52.906 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

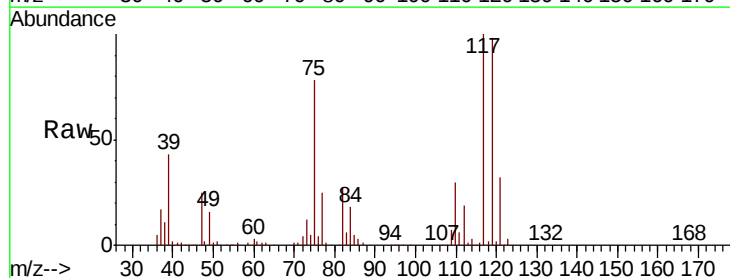
Tgt Ion: 117 Resp: 157811

Ion Ratio Lower Upper

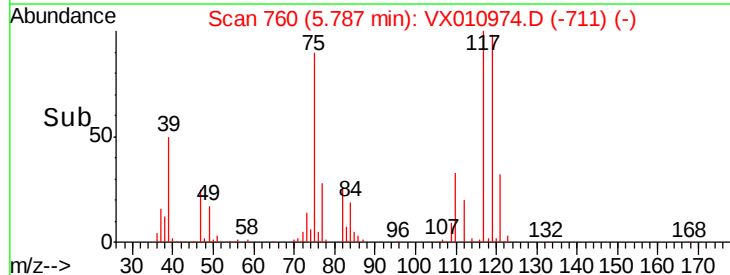
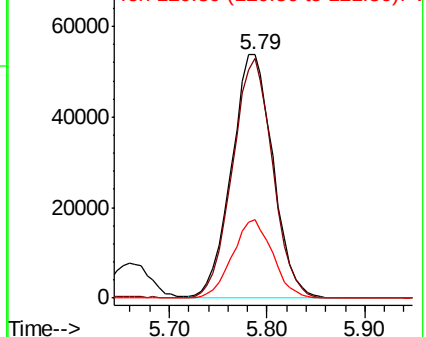
117 100

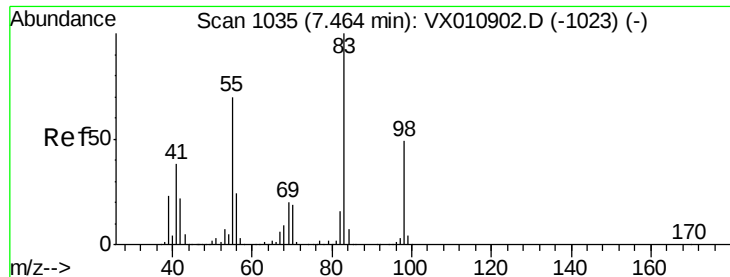
119 98.3 74.2 111.2

121 32.1 24.2 36.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

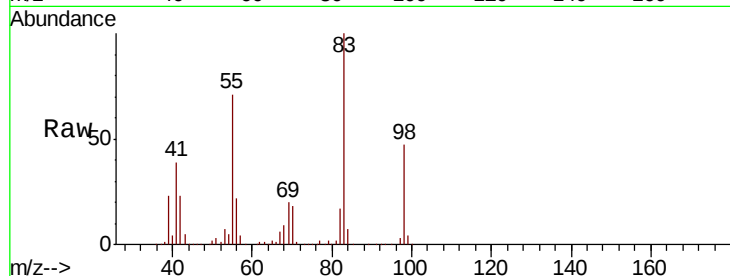




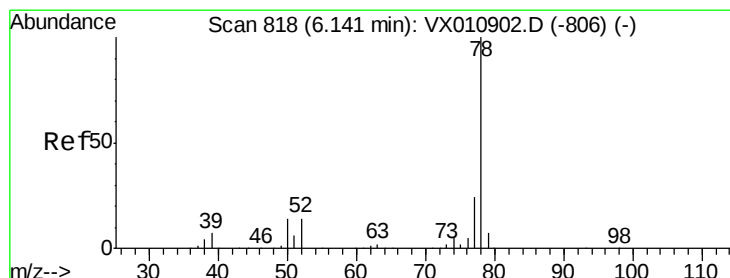
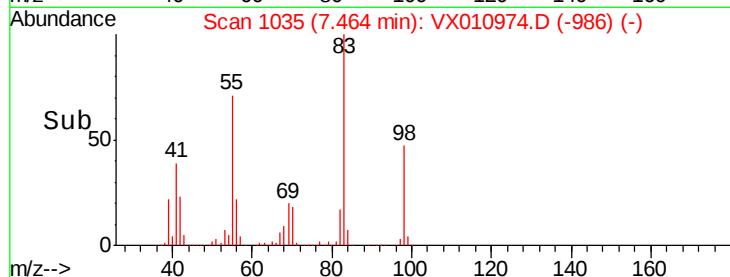
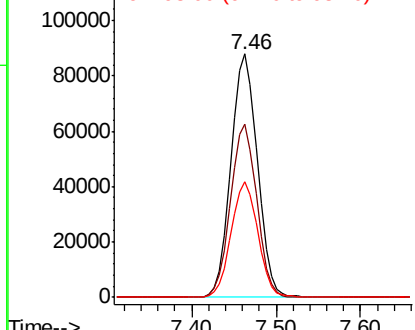
#39
Methvlcvclohexane
Concen: 50.405 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 187109
Ion Ratio Lower Upper
83 100
55 71.1 56.2 84.4
98 47.3 39.0 58.4

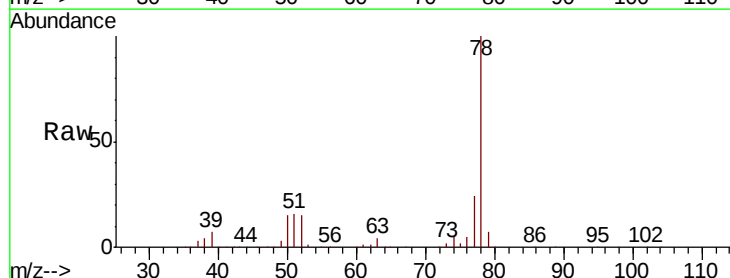


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

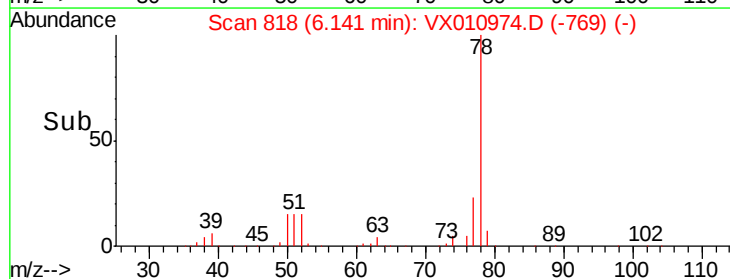
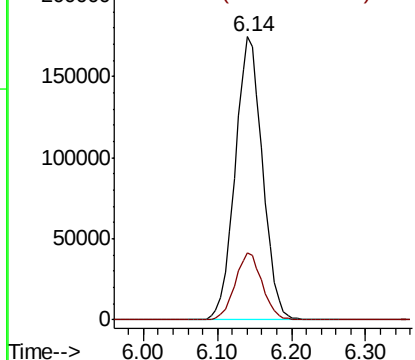


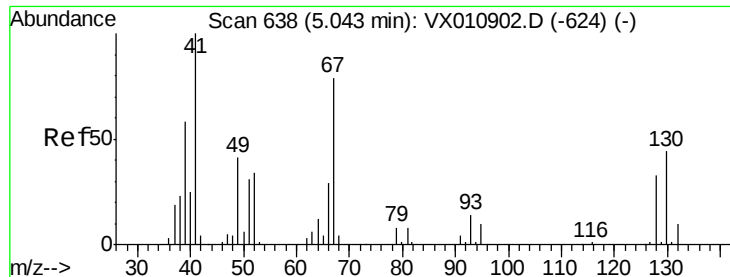
#40
Benzene
Concen: 51.207 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion: 78 Resp: 449002
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

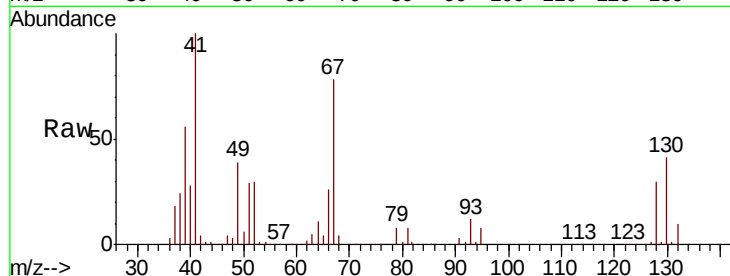




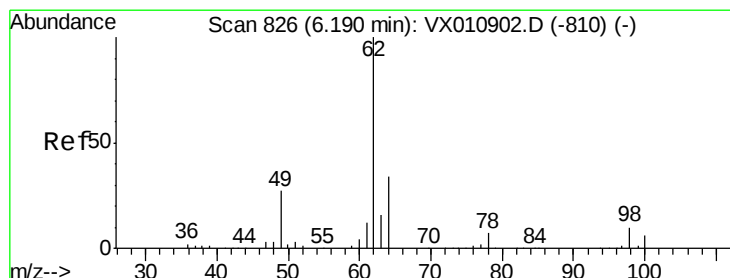
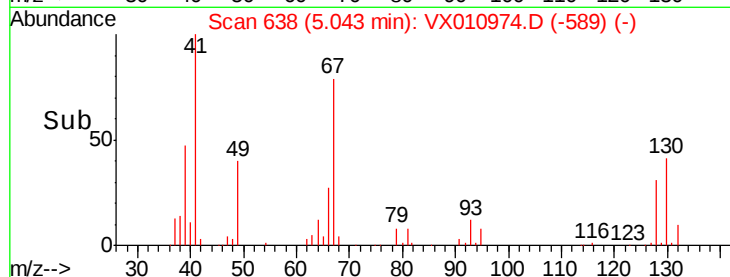
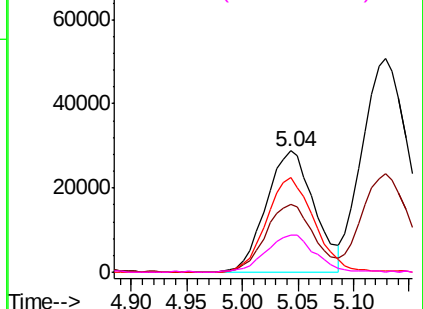
#41
Methacrylonitrile
Concen: 52.246 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 86934
Ion Ratio Lower Upper
41 100
39 55.7 45.4 68.2
67 77.9 65.9 98.9
52 31.6 26.2 39.2

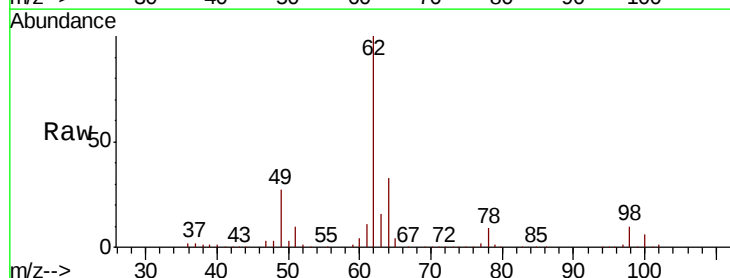


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

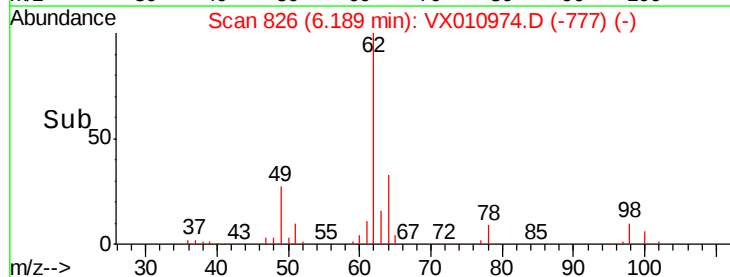
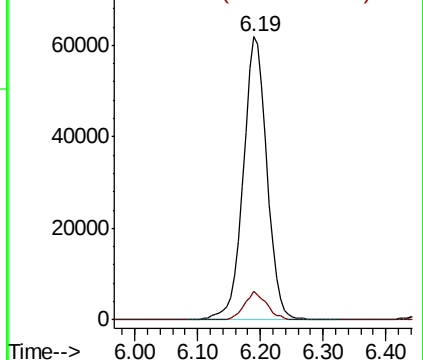


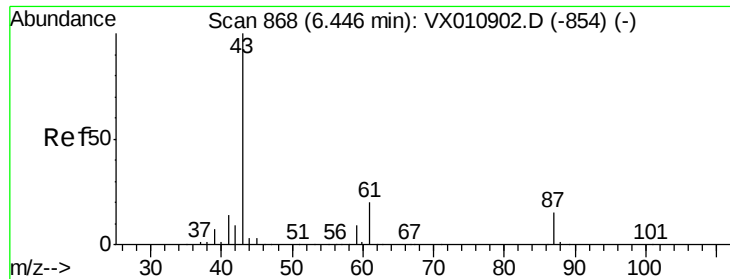
#42
1,2-Dichloroethane
Concen: 52.959 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion: 62 Resp: 161459
Ion Ratio Lower Upper
62 100
98 9.5 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



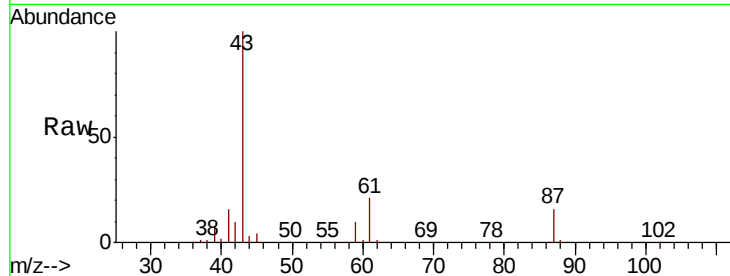


#43

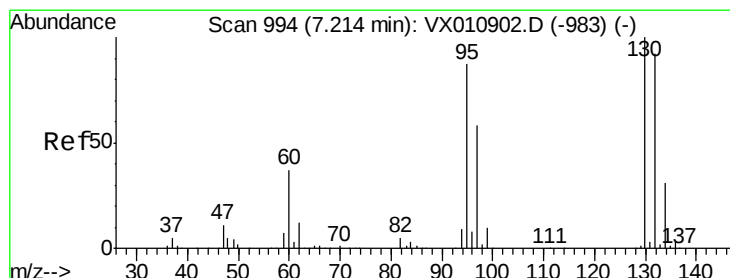
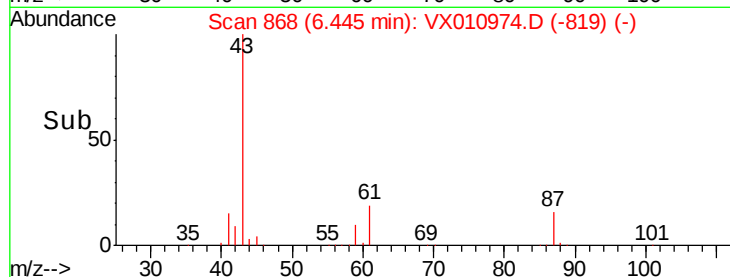
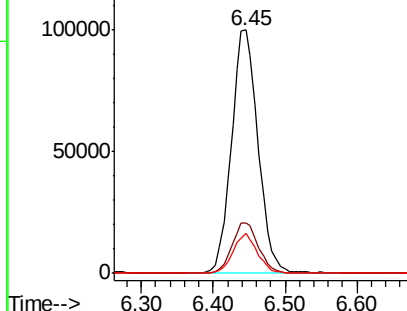
Isopropyl Acetate
 Concen: 52.996 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 255420
 Ion Ratio Lower Upper
 43 100
 61 20.8 17.1 25.7
 87 15.1 12.0 18.0



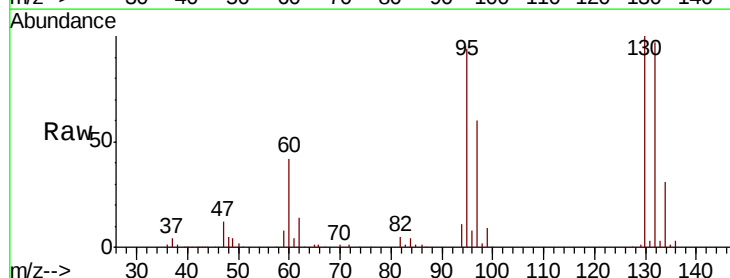
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



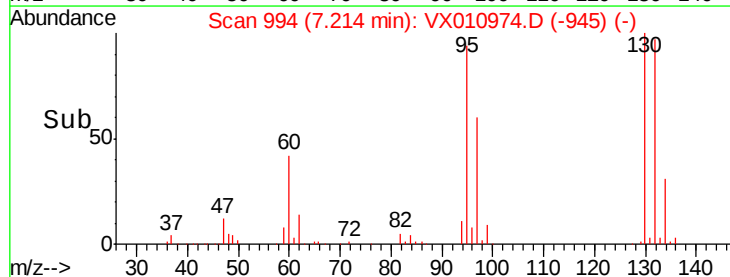
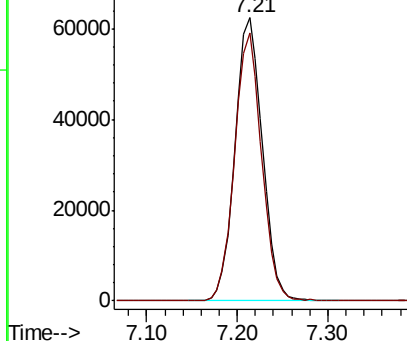
#44

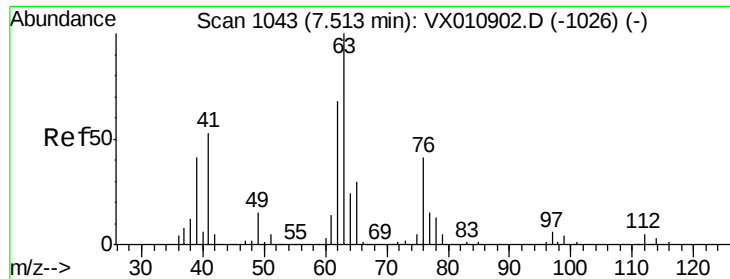
Trichloroethene
 Concen: 50.696 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

Tgt Ion:130 Resp: 131581
 Ion Ratio Lower Upper
 130 100
 95 94.5 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.234 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

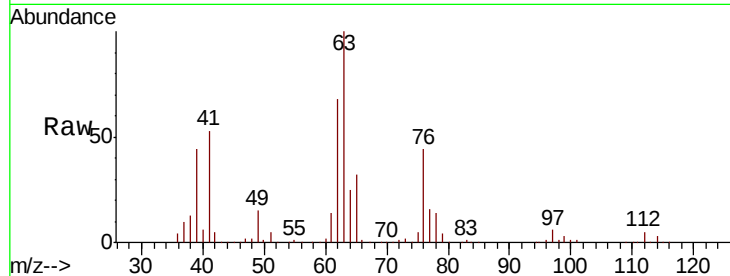
VSTDCCC050EC

Tot Ion: 63 Resp: 114340

Ion Ratio Lower Upper

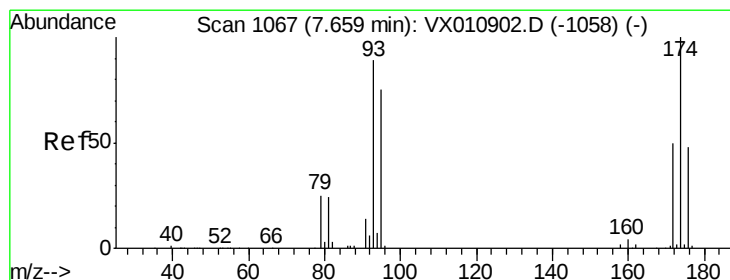
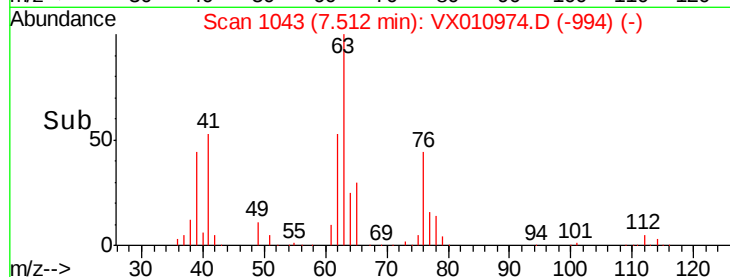
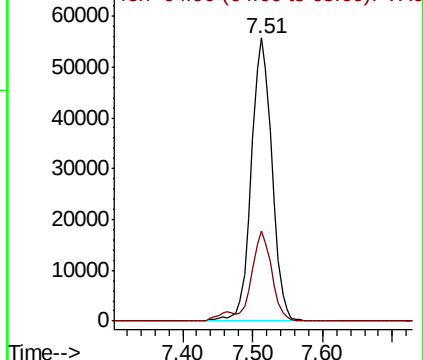
63 100

65 31.8 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.199 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

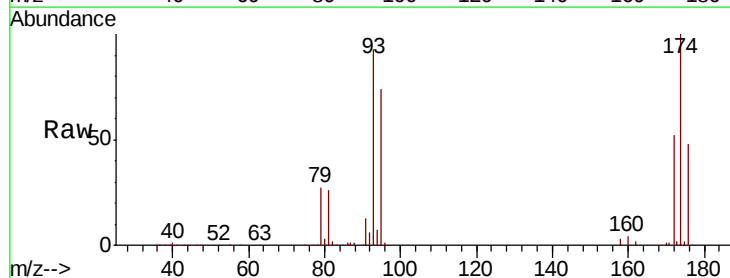
Tgt Ion: 93 Resp: 83243

Ion Ratio Lower Upper

93 100

95 84.5 67.2 100.8

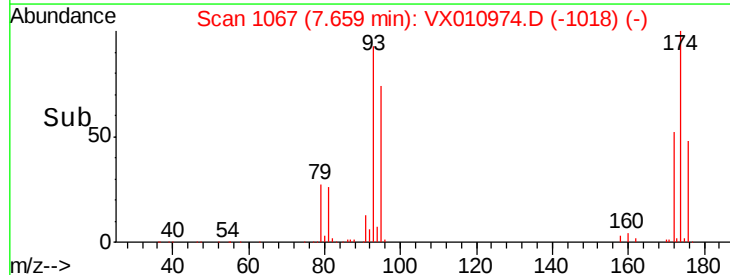
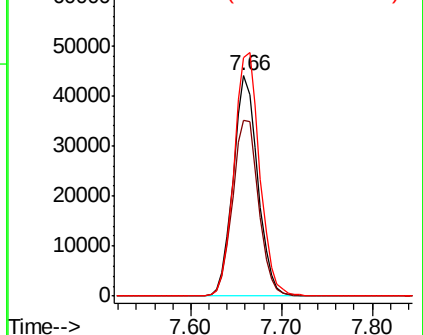
174 114.9 90.6 135.8

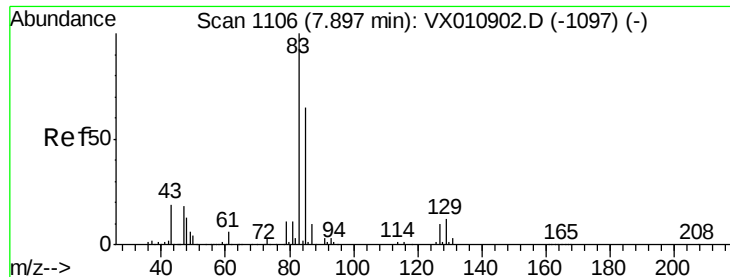


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.155 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

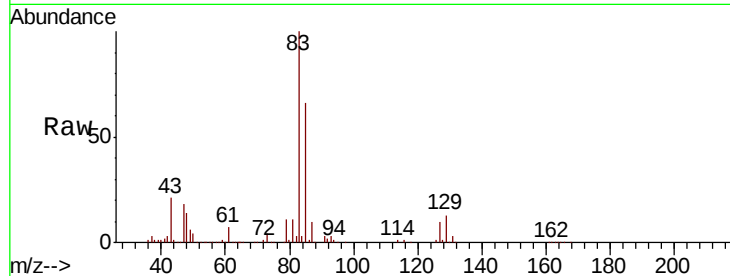
Tot Ion: 83 Resp: 153731

Ion Ratio Lower Upper

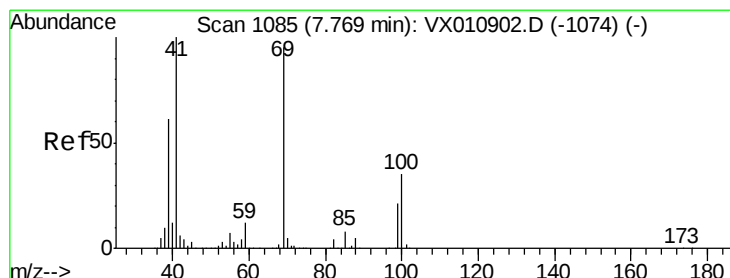
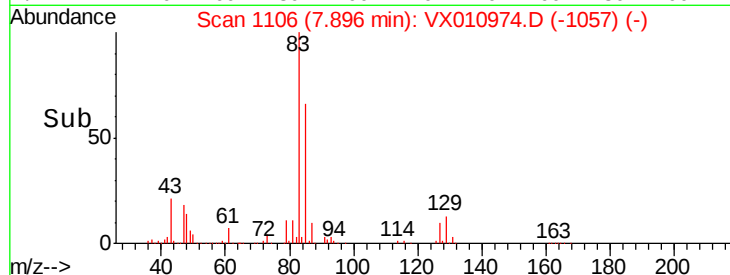
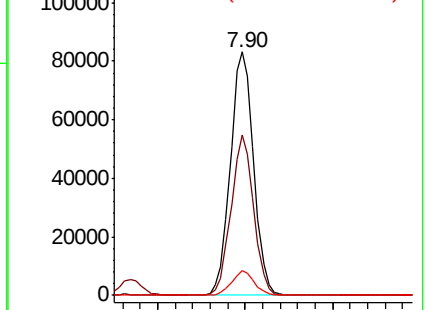
83 100

85 65.8 52.5 78.7

127 9.9 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.409 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

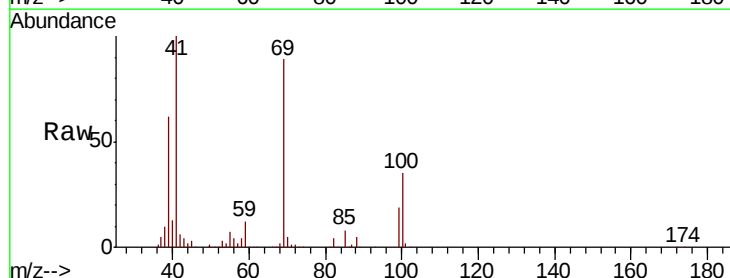
Tgt Ion: 41 Resp: 125397

Ion Ratio Lower Upper

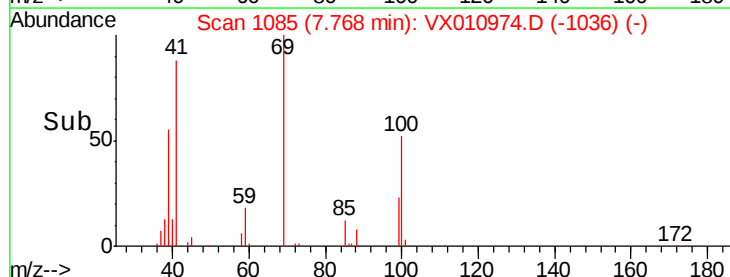
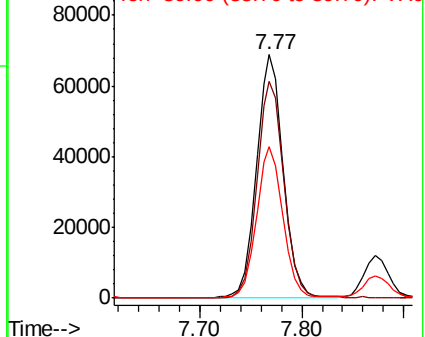
41 100

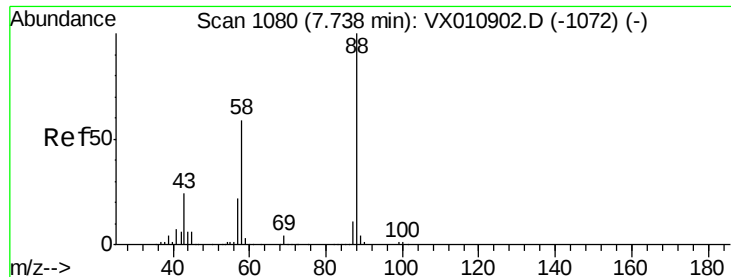
69 90.1 74.4 111.6

39 60.9 48.9 73.3



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

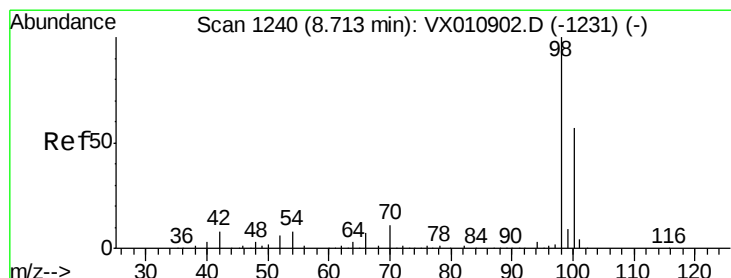
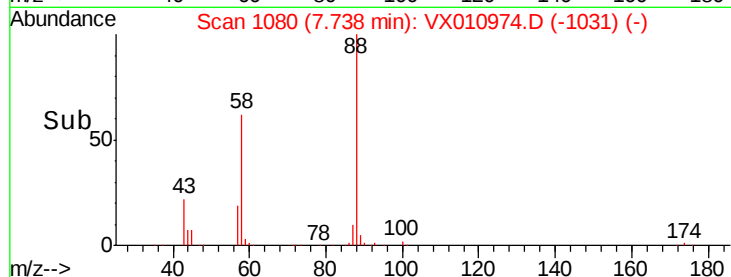
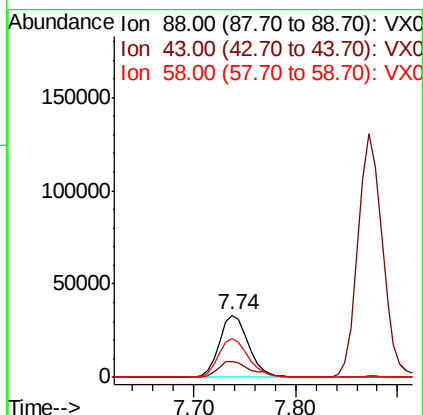
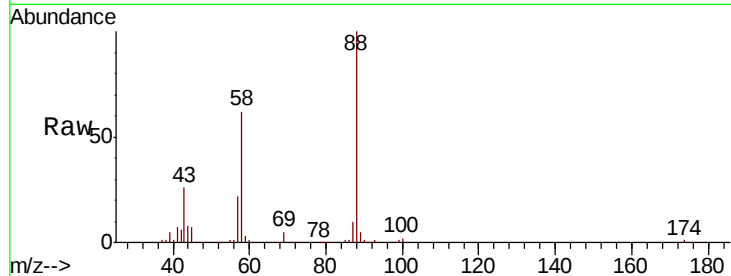




#49
1,4-Dioxane
Concen: 1010.907 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

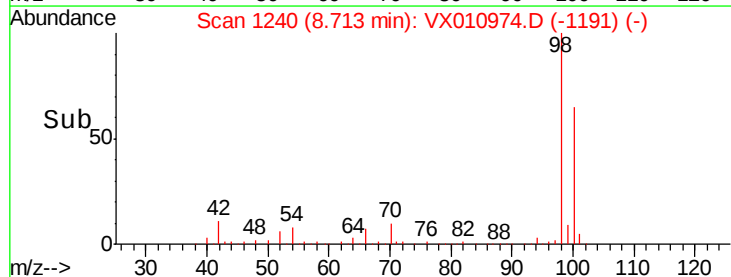
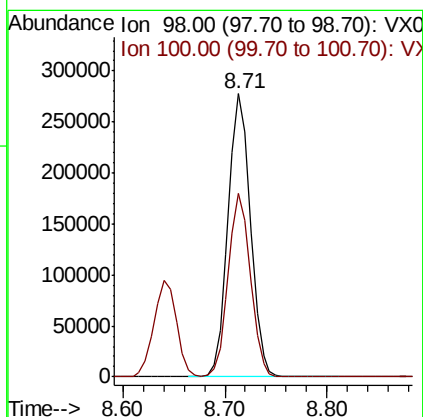
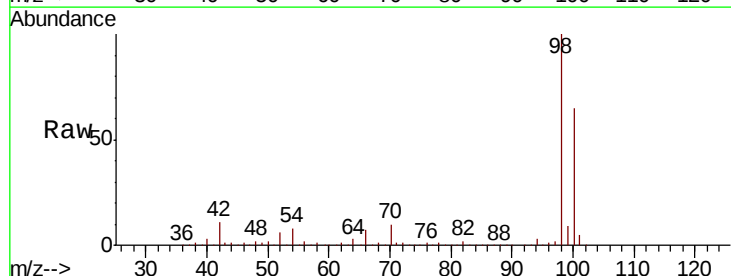
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

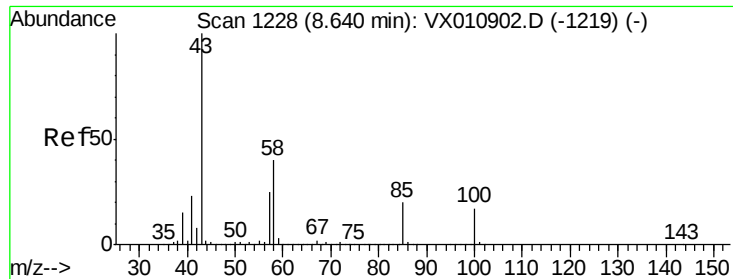
Tot Ion: 88 Resp: 66392
Ion Ratio Lower Upper
88 100
43 29.9 22.9 34.3
58 65.1 49.8 74.8



#50
Toluene-d8
Concen: 50.788 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion: 98 Resp: 421340
Ion Ratio Lower Upper
98 100
100 64.1 50.6 75.8

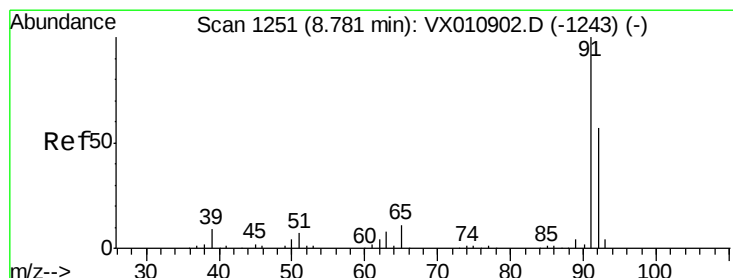
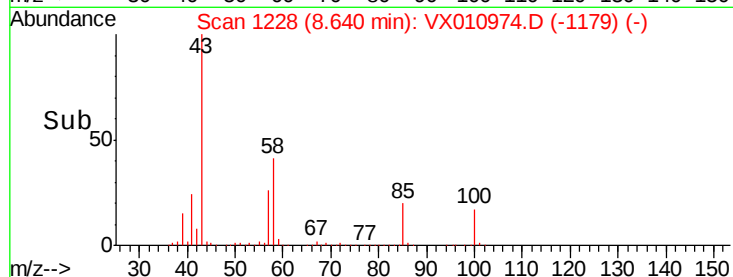
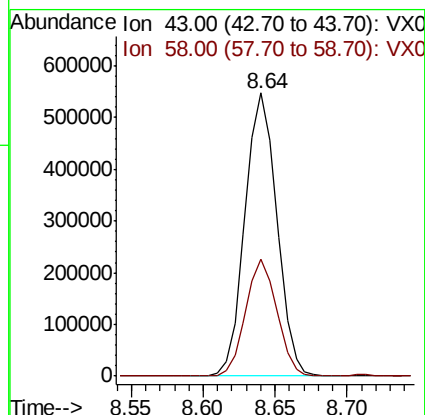
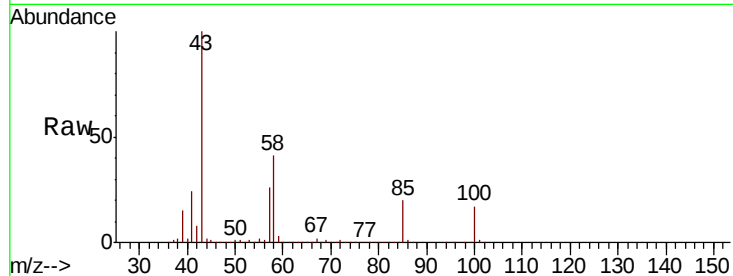




#51
4-Methyl-2-Pentanone
Concen: 269.329 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

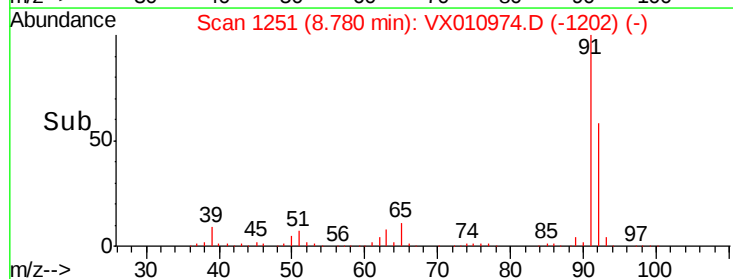
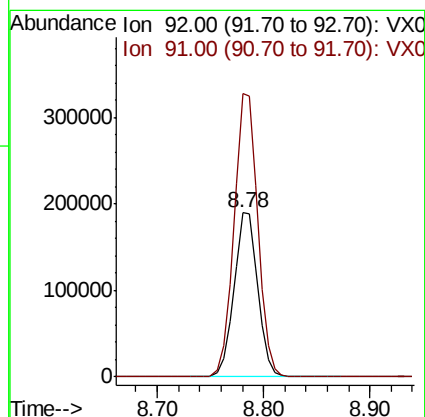
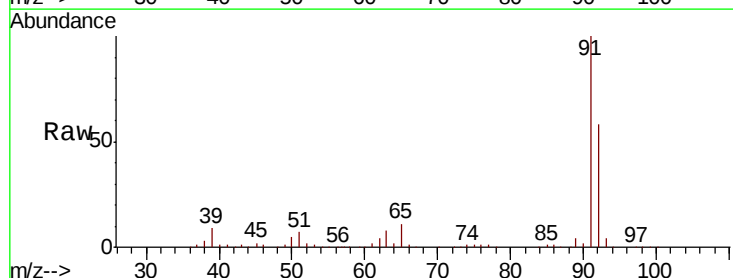
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

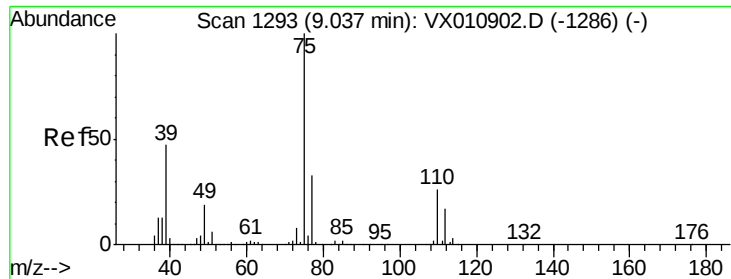
Tot Ion: 43 Resp: 841453
Ion Ratio Lower Upper
43 100
58 40.5 32.2 48.4



#52
Toluene
Concen: 51.593 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion: 92 Resp: 297188
Ion Ratio Lower Upper
92 100
91 172.7 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 53.672 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

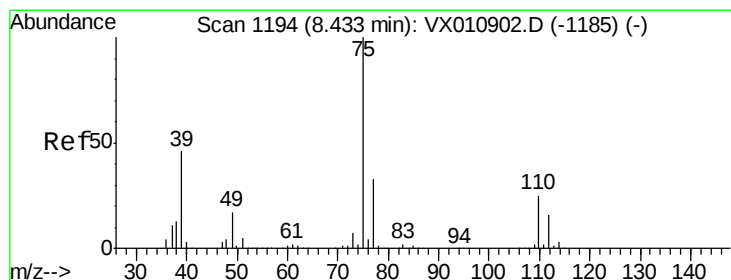
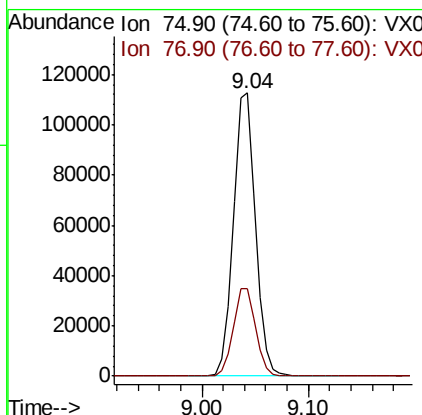
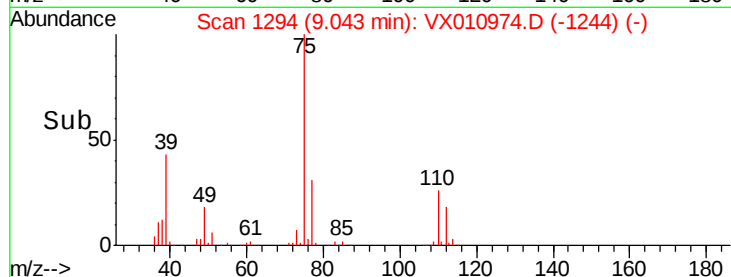
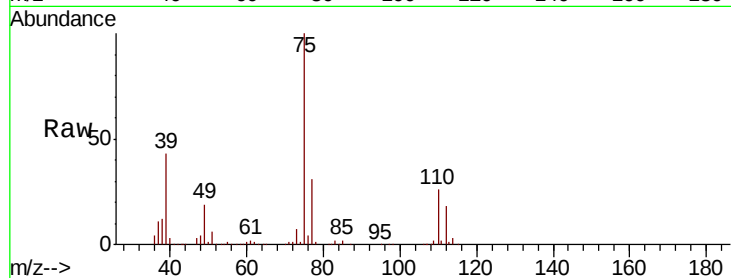
VSTDCCC050EC

Tot Ion: 75 Resp: 163825

Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 52.827 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

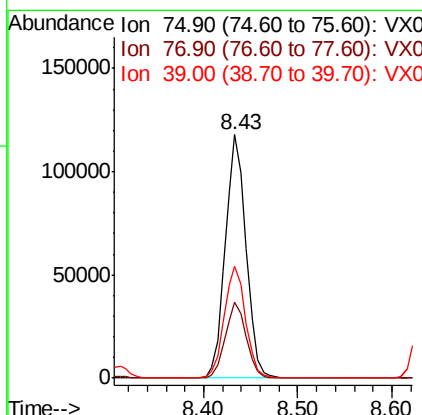
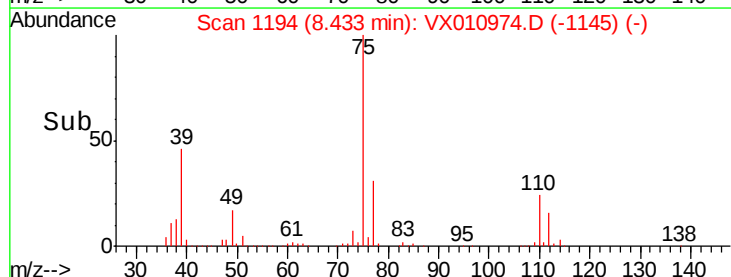
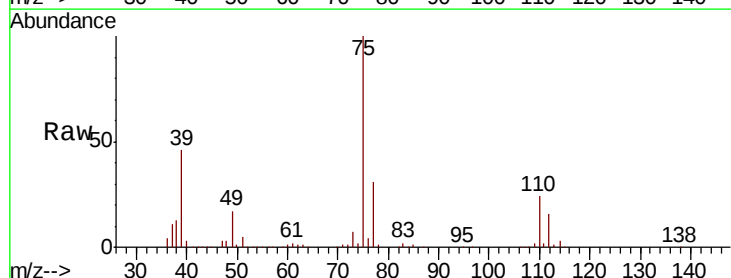
Tgt Ion: 75 Resp: 179425

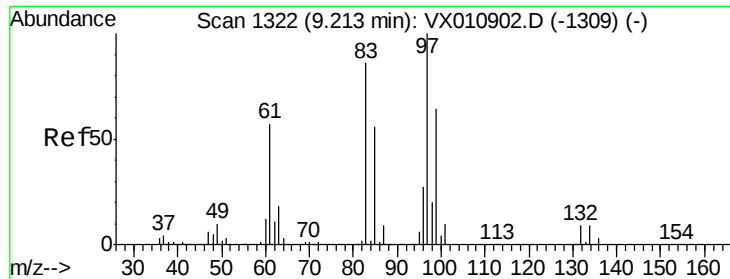
Ion Ratio Lower Upper

75 100

77 31.0 26.1 39.1

39 45.7 36.6 54.8

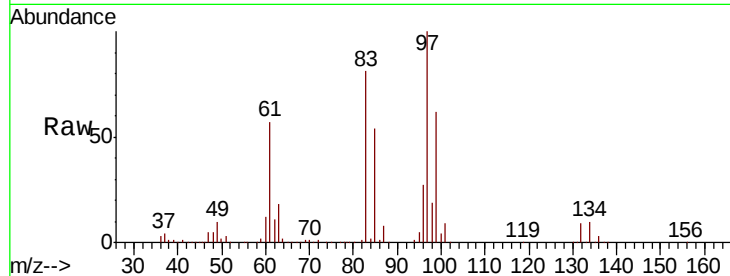




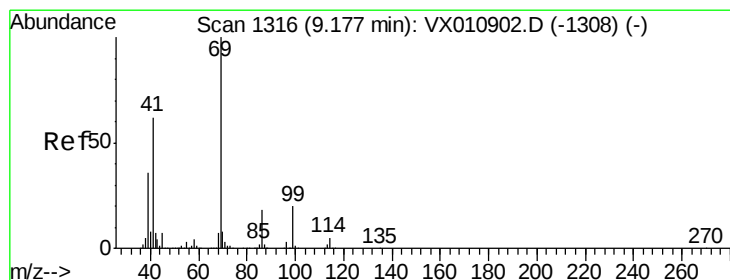
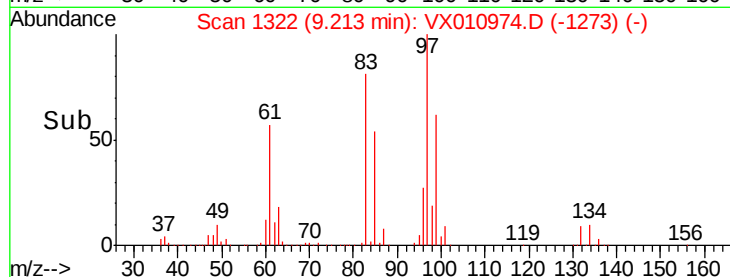
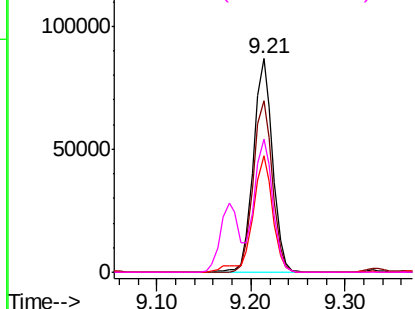
#55
 1,1,2-Trichloroethane
 Concen: 52.817 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	80.5	69.2	103.8
85	54.4	44.6	66.8
99	62.2	51.2	76.8

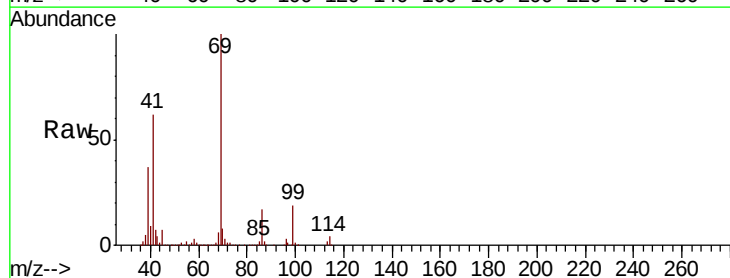


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

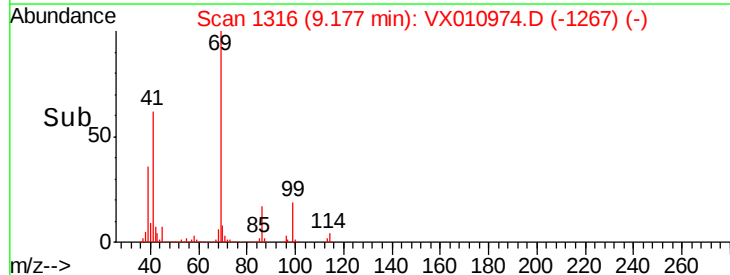
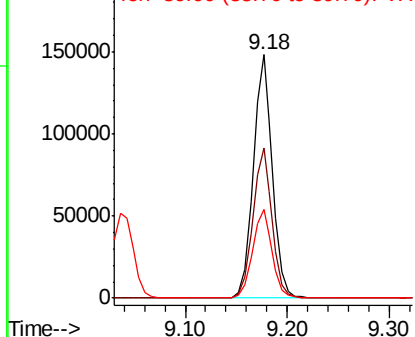


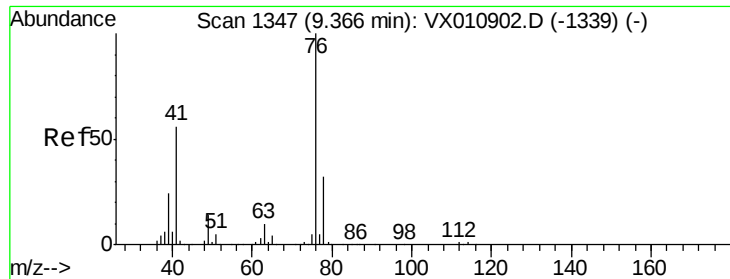
#56
 Ethyl methacrylate
 Concen: 55.738 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.1	49.7	74.5
39	37.4	29.6	44.4



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: 51.789 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

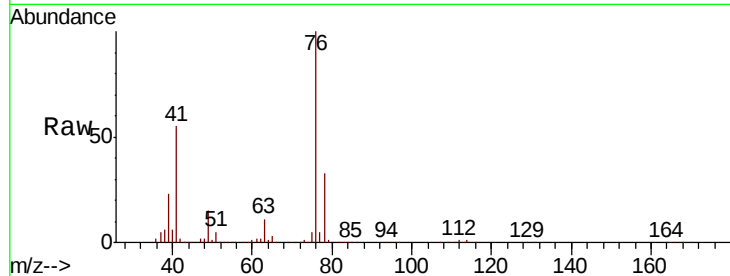
VSTDCCC050EC

Tot Ion: 76 Resp: 194853

Ion Ratio Lower Upper

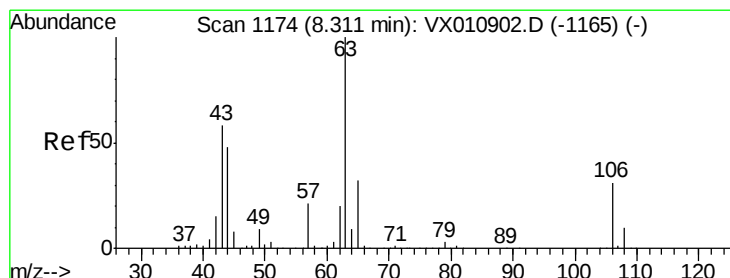
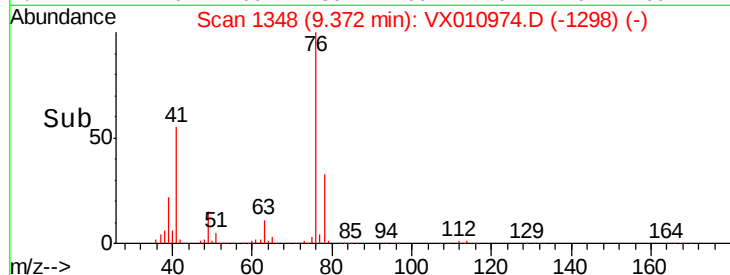
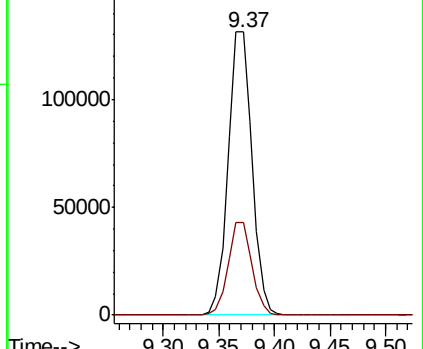
76 100

78 32.7 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 267.504 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010974.D

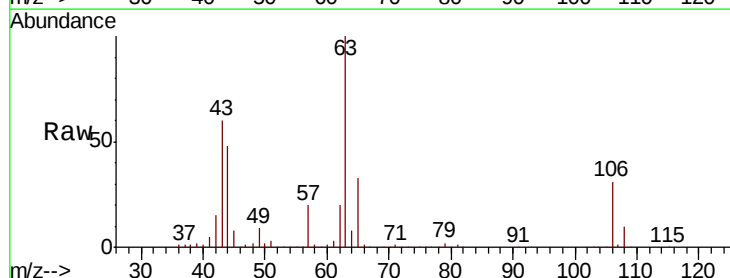
Acq: 18 Jul 2019 21:12

Tgt Ion: 63 Resp: 443016

Ion Ratio Lower Upper

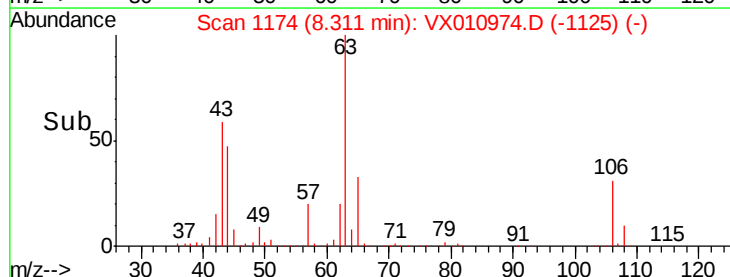
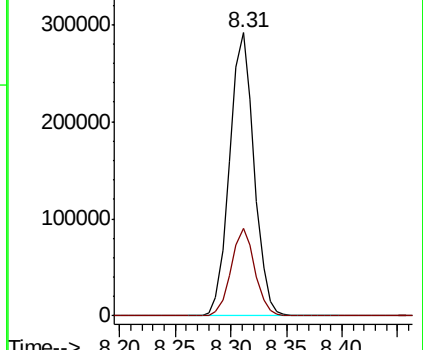
63 100

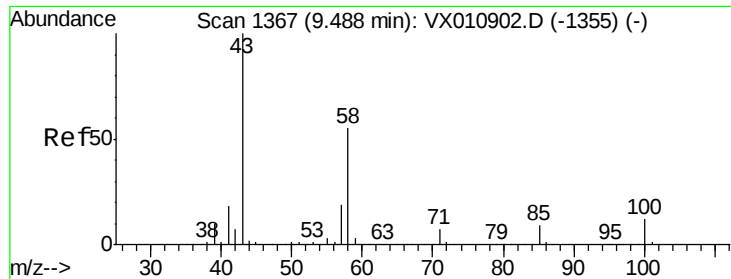
106 30.1 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

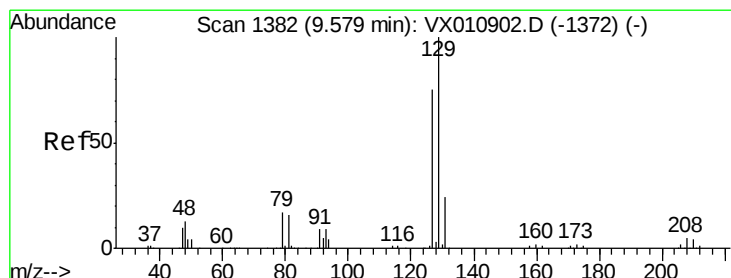
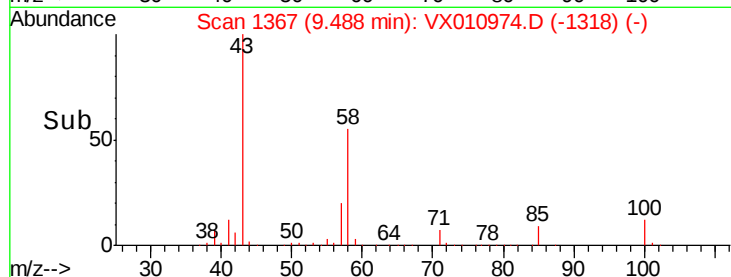
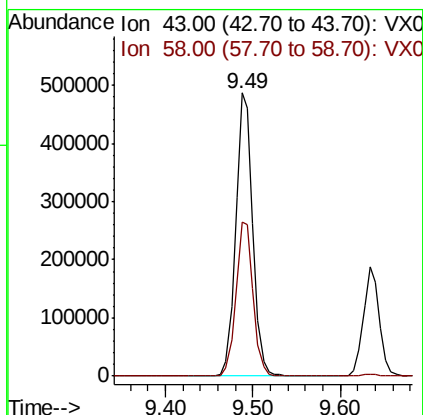
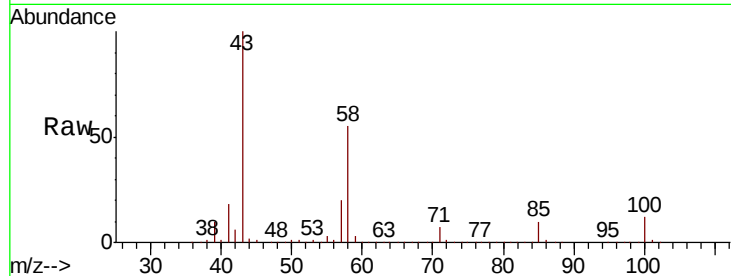




#59
2-Hexanone
Concen: 271.969 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

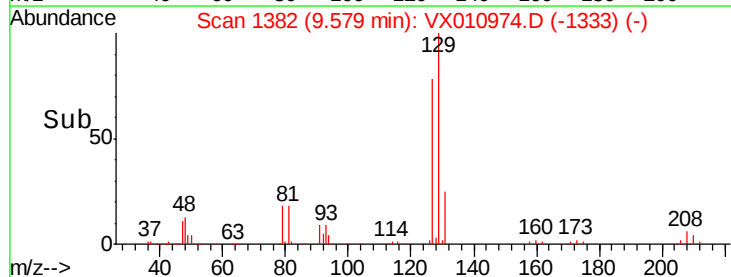
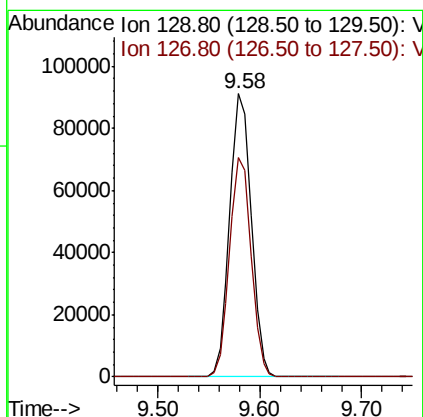
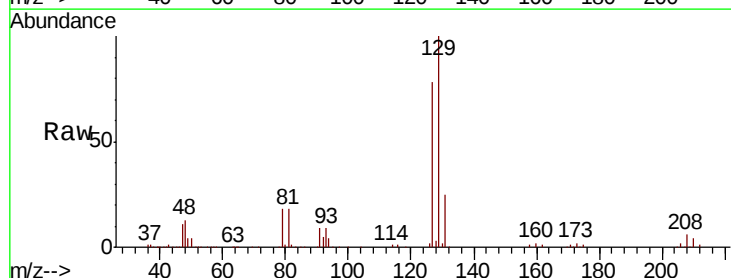
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

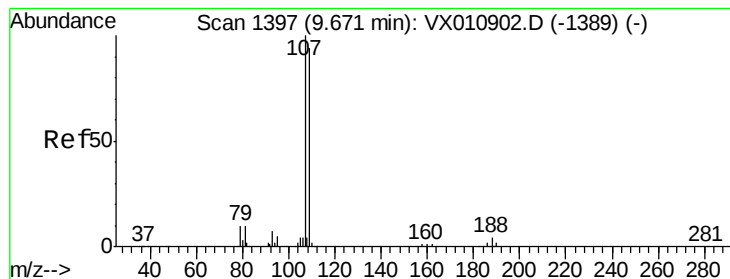
Tot Ion: 43 Resp: 659044
Ion Ratio Lower Upper
43 100
58 55.5 28.0 83.9



#60
Dibromochloromethane
Concen: 49.008 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion: 129 Resp: 133629
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 53.164 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

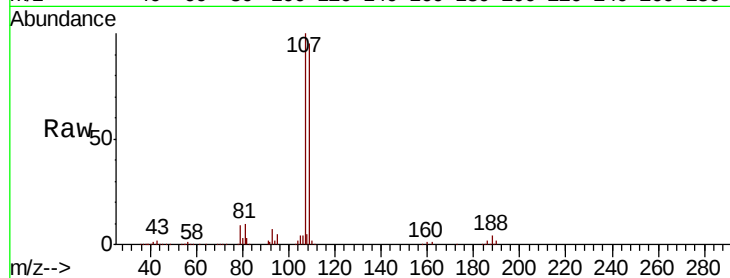
VSTDCCC050EC

Tot Ion:107 Resp: 133817

Ion Ratio Lower Upper

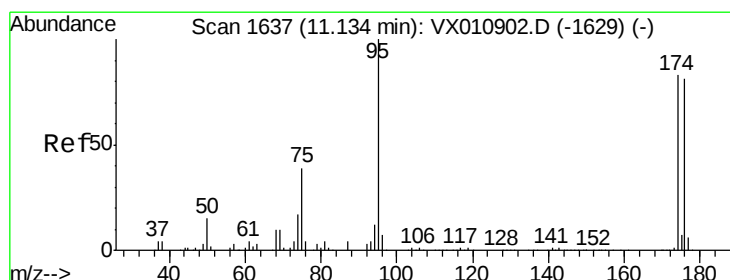
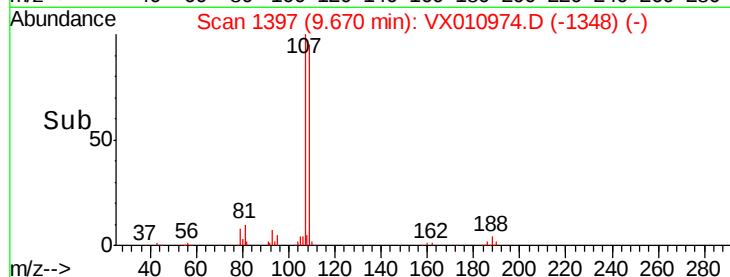
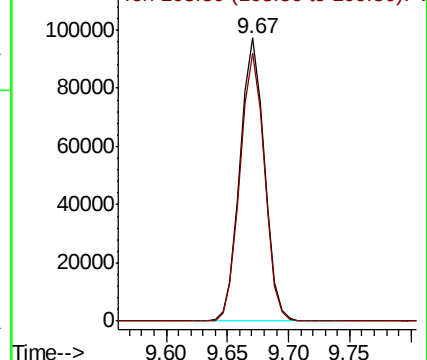
107 100

109 95.3 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.315 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

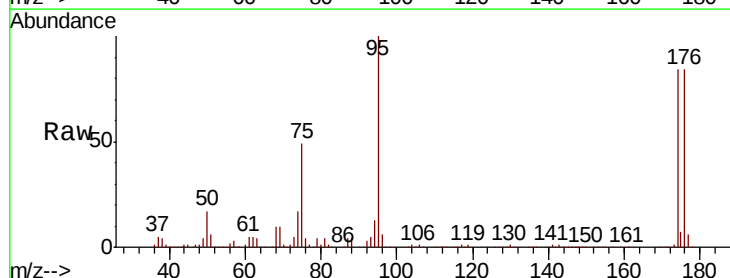
Tgt Ion: 95 Resp: 162577

Ion Ratio Lower Upper

95 100

174 88.6 0.0 180.6

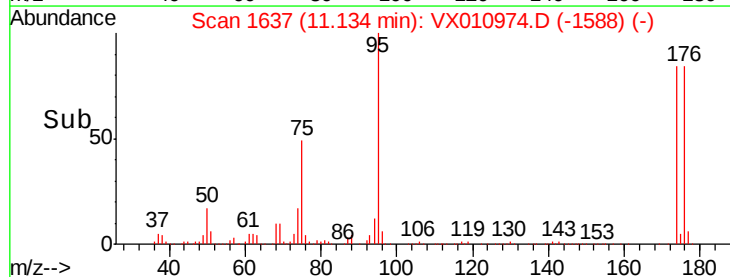
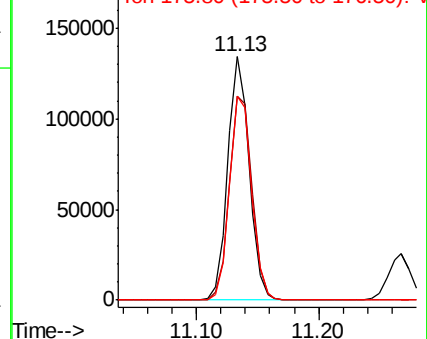
176 86.3 0.0 173.8

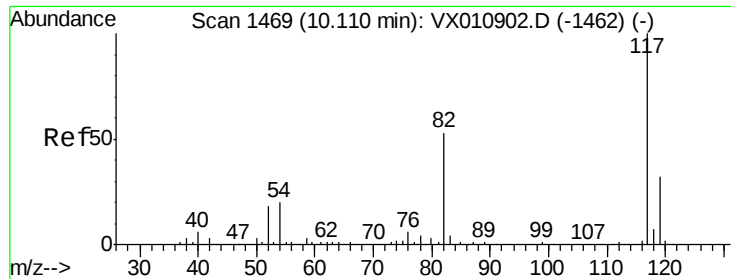


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

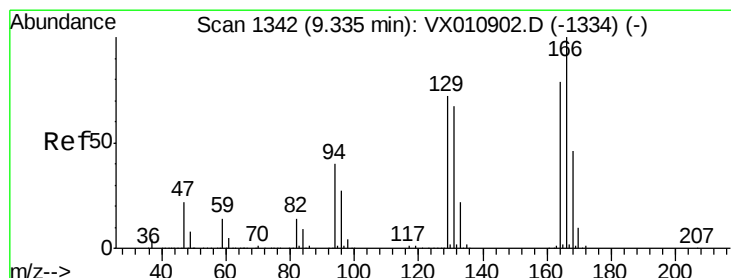
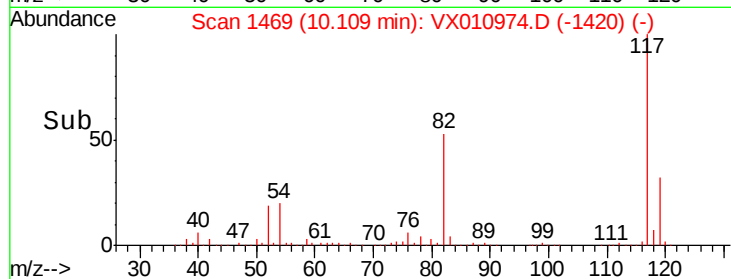
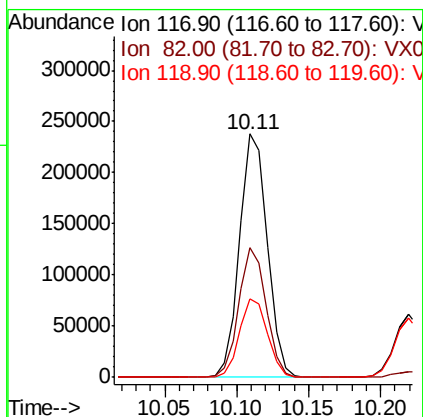
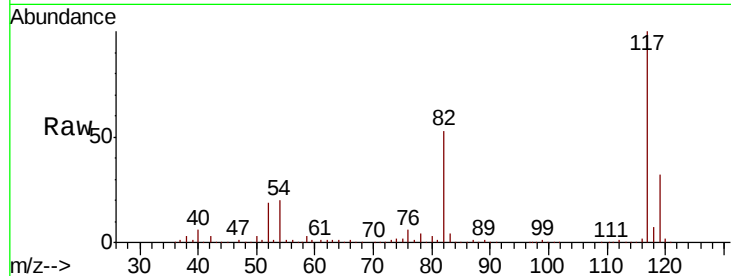




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

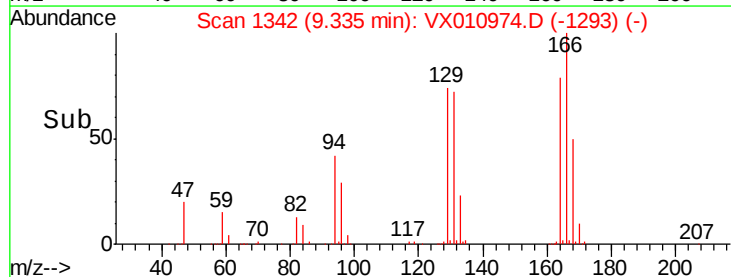
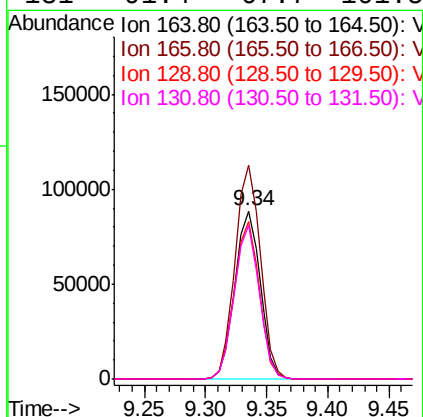
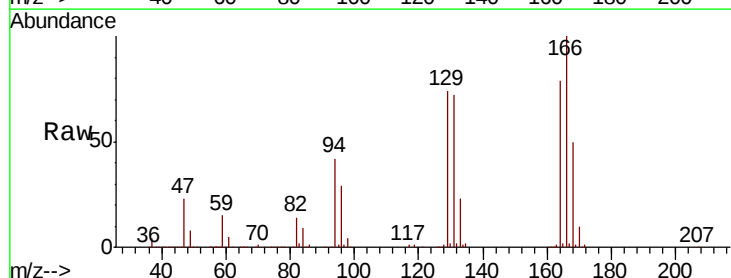
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

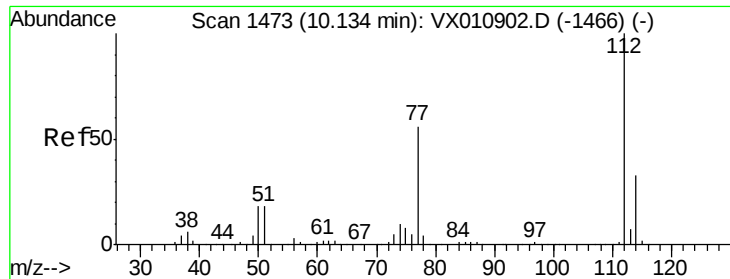
Tot Ion:117 Resp: 319689
Ion Ratio Lower Upper
117 100
82 53.4 42.6 63.8
119 32.0 25.9 38.9



#64
Tetrachloroethene
Concen: 50.555 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion:164 Resp: 127142
Ion Ratio Lower Upper
164 100
166 127.0 100.8 151.2
129 93.5 72.6 109.0
131 91.4 67.7 101.5

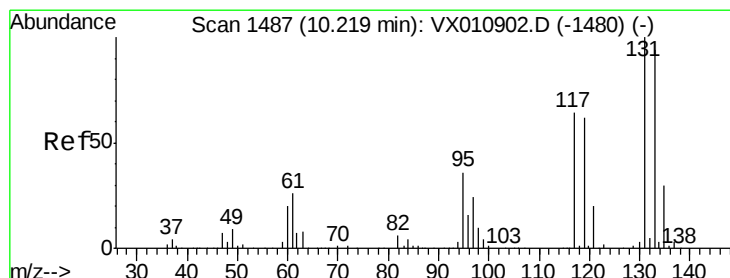
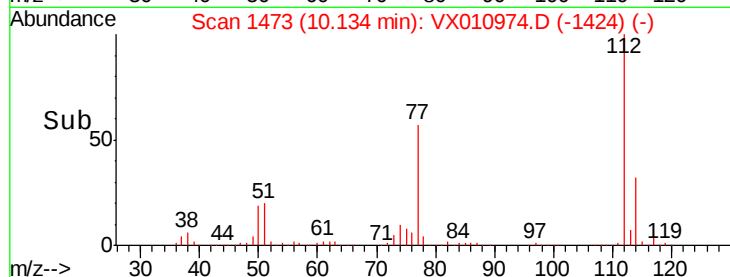
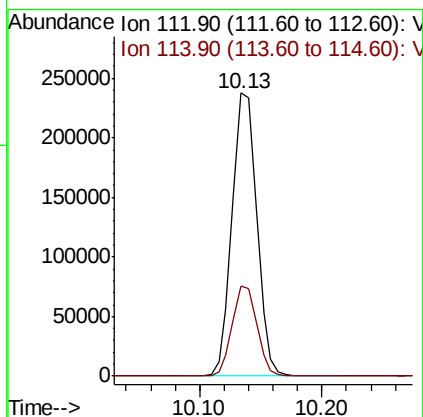
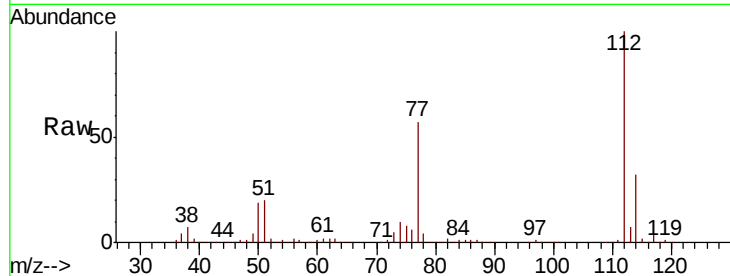




#65
Chlorobenzene
Concen: 50.586 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

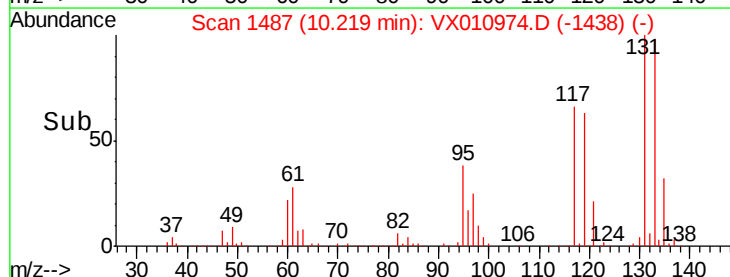
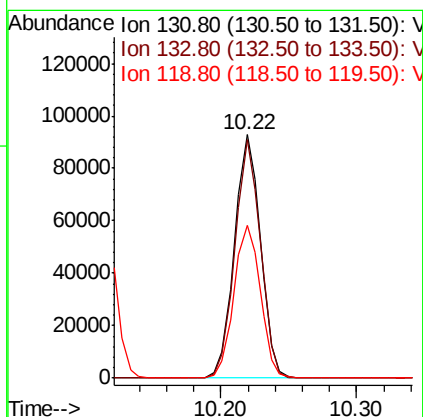
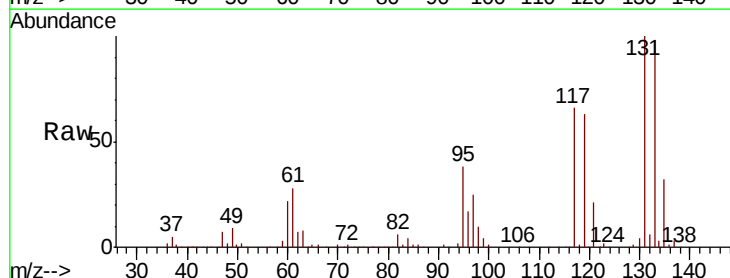
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

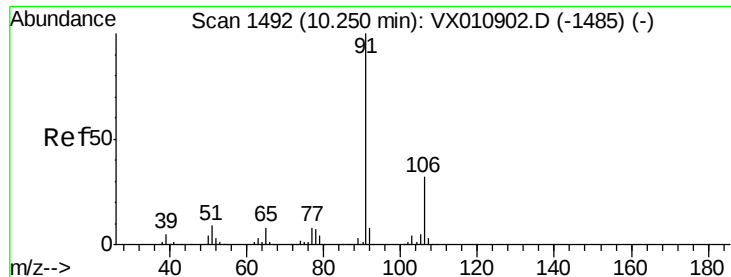
Tot Ion:112 Resp: 332152
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.643 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion:131 Resp: 123793
Ion Ratio Lower Upper
131 100
133 96.1 47.1 141.4
119 63.8 31.9 95.7





#67

Ethyl Benzene

Concen: 52.289 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

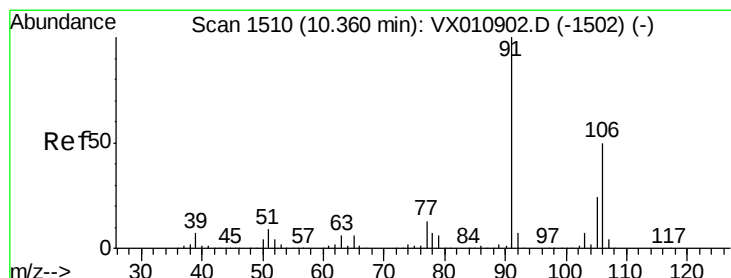
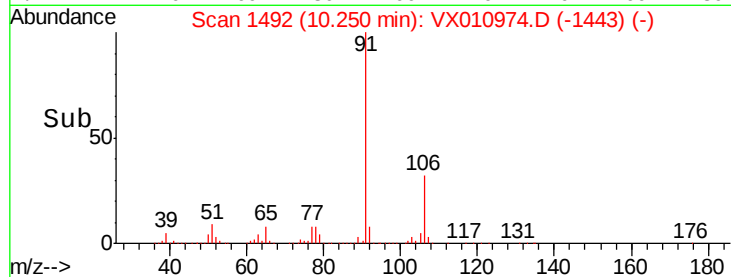
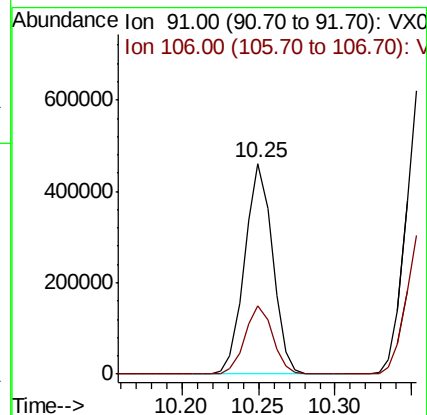
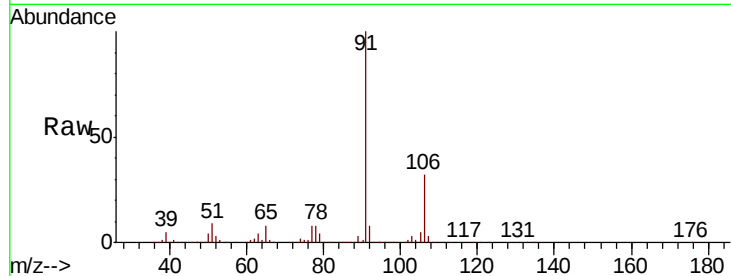
VSTDCCC050EC

Tot Ion: 91 Resp: 584405

Ion Ratio Lower Upper

91 100

106 32.2 25.4 38.2



#68

m/p-Xylenes

Concen: 104.278 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010974.D

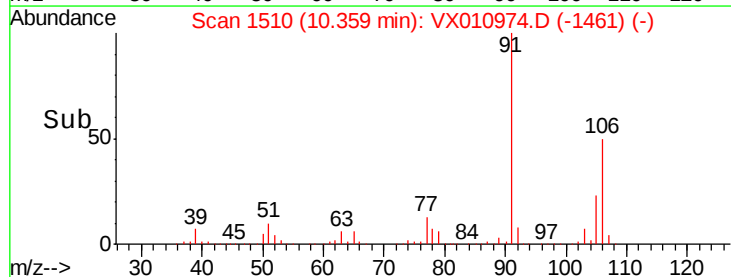
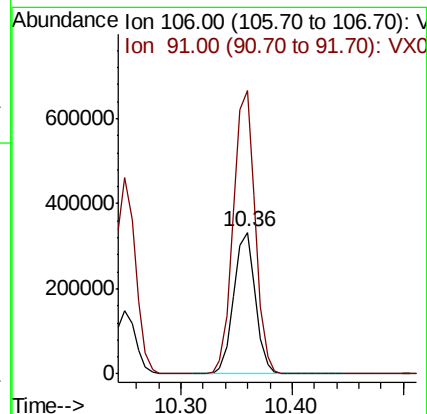
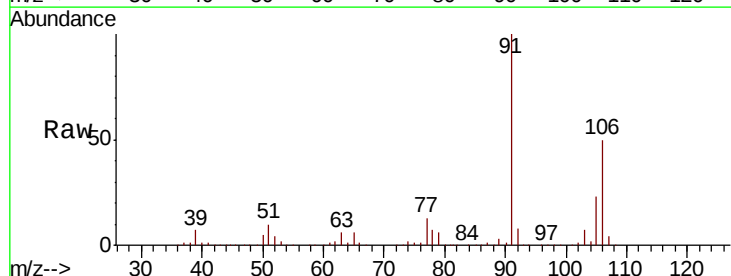
Acq: 18 Jul 2019 21:12

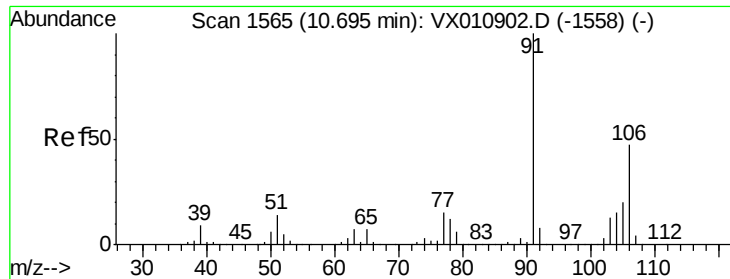
Tgt Ion: 106 Resp: 447057

Ion Ratio Lower Upper

106 100

91 202.1 160.1 240.1

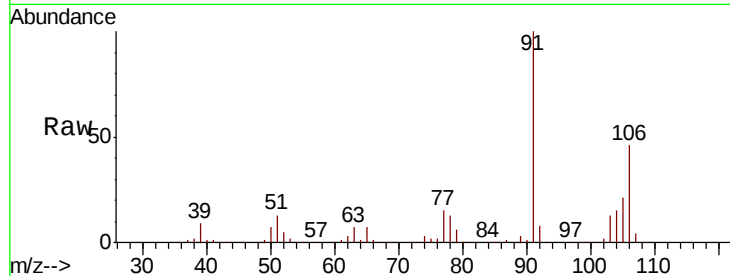




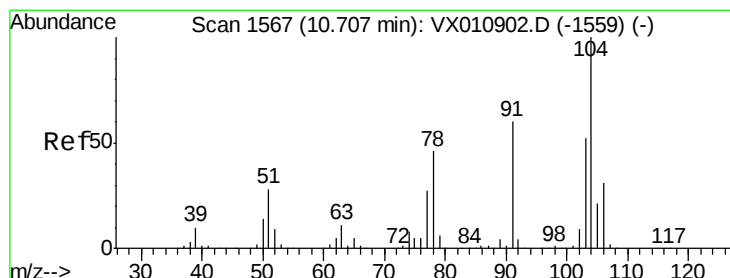
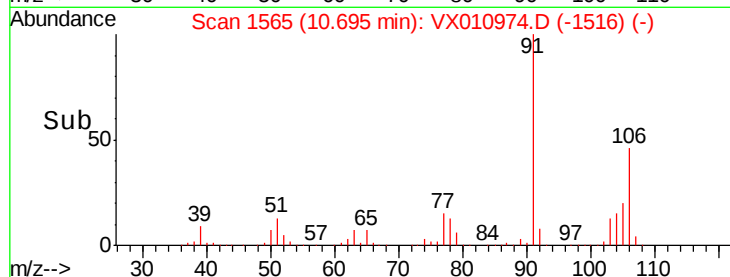
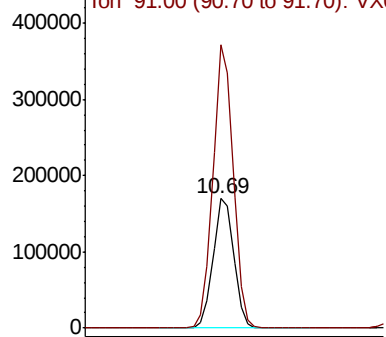
#69
o-Xylene
Concen: 52.322 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 218917
Ion Ratio Lower Upper
106 100
91 213.6 105.1 315.3

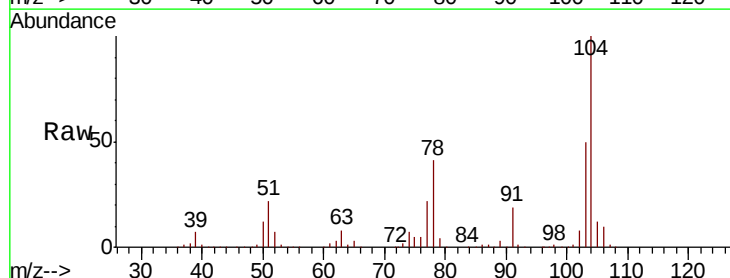


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

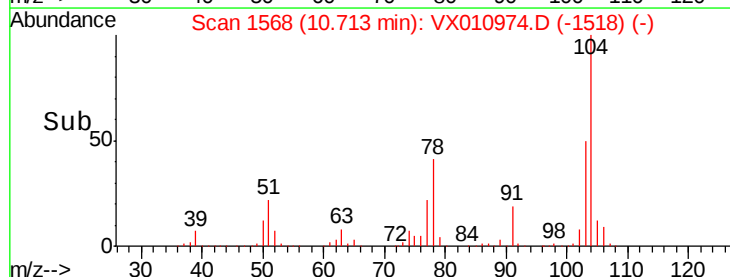
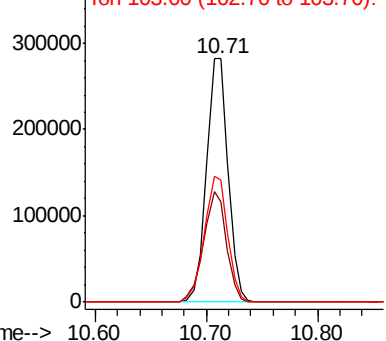


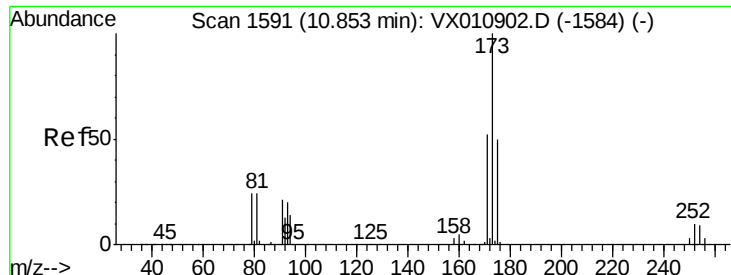
#70
Styrene
Concen: 54.270 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion:104 Resp: 378523
Ion Ratio Lower Upper
104 100
78 48.4 38.8 58.2
103 55.7 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 48.392 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

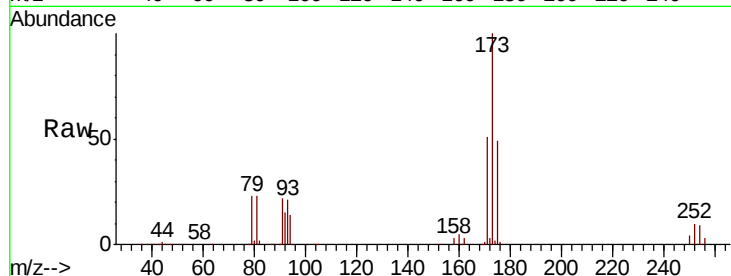
Tot Ion:173 Resp: 101500

Ion Ratio Lower Upper

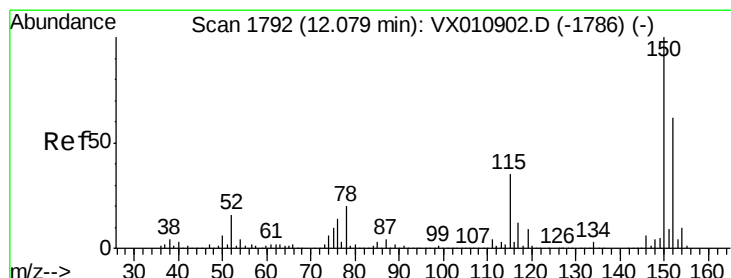
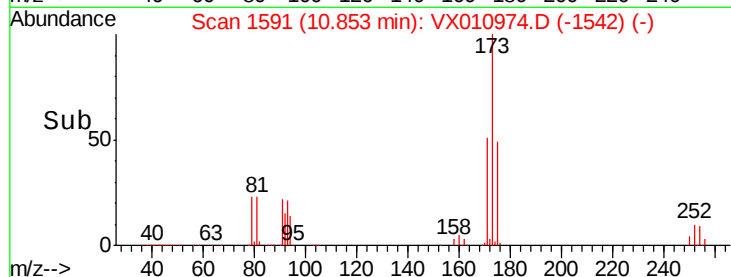
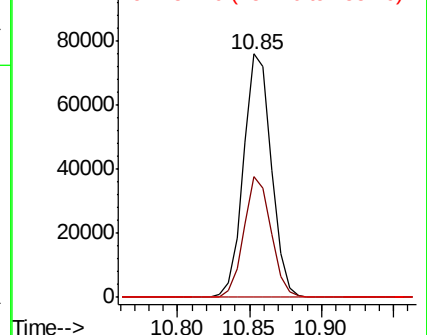
173 100

175 48.3 24.6 73.6

254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

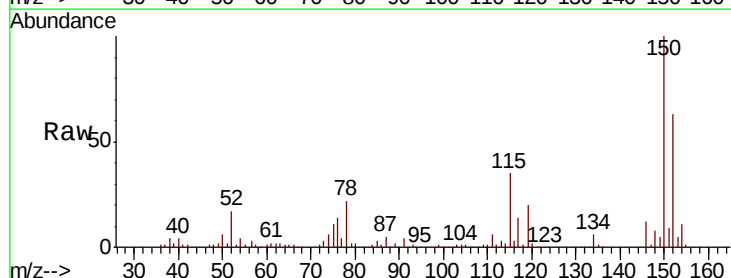
Tgt Ion:152 Resp: 168637

Ion Ratio Lower Upper

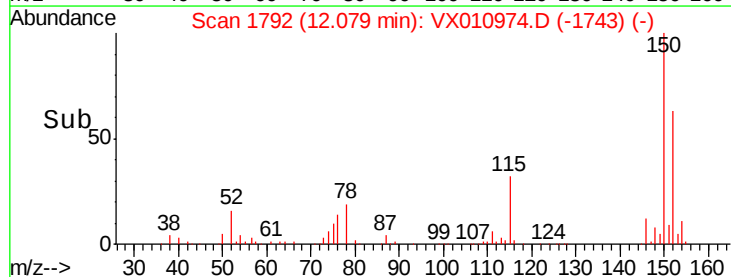
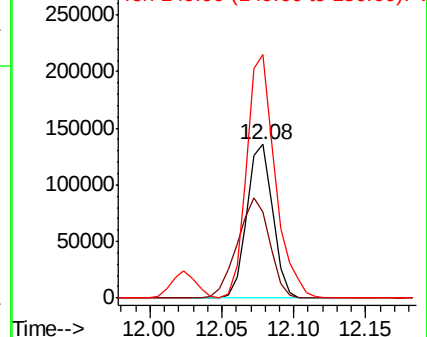
152 100

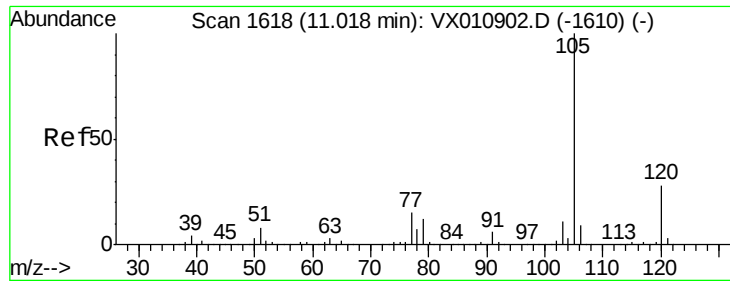
115 81.4 39.7 119.1

150 173.8 0.0 345.6



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





#73

Isopropylbenzene

Concen: 52.046 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

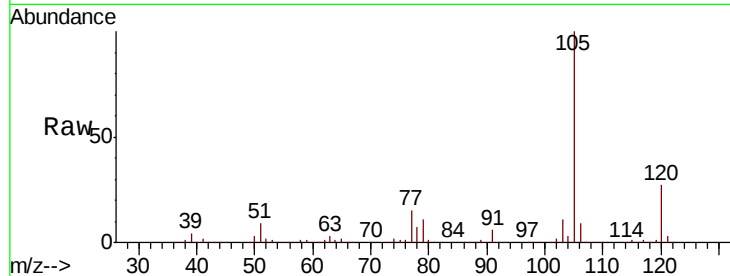
VSTDCCC050EC

Tot Ion:105 Resp: 593052

Ion Ratio Lower Upper

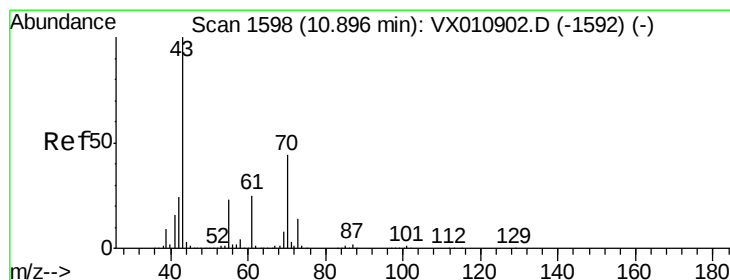
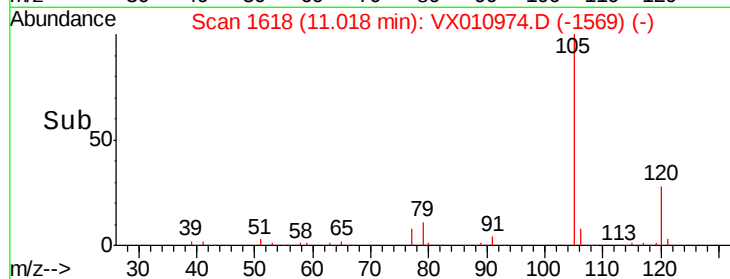
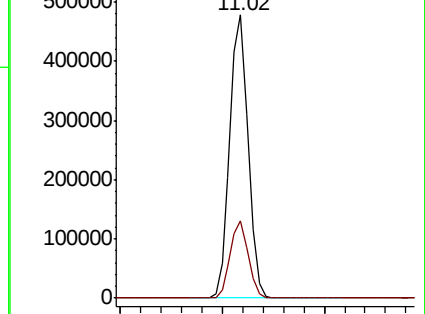
105 100

120 26.8 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.512 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Tgt Ion: 43 Resp: 237337

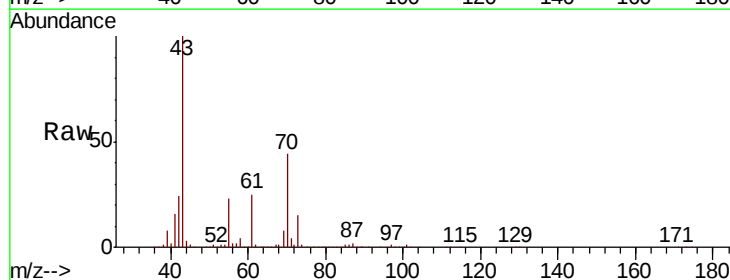
Ion Ratio Lower Upper

43 100

70 43.9 34.7 52.1

55 23.4 19.1 28.7

61 25.0 19.9 29.9

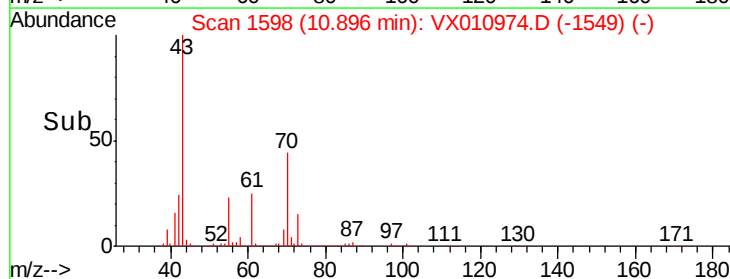
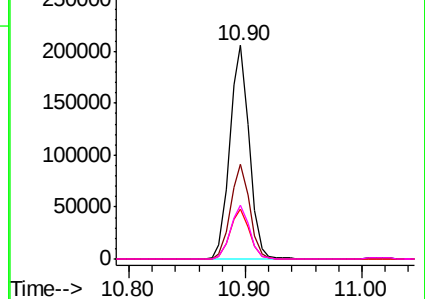


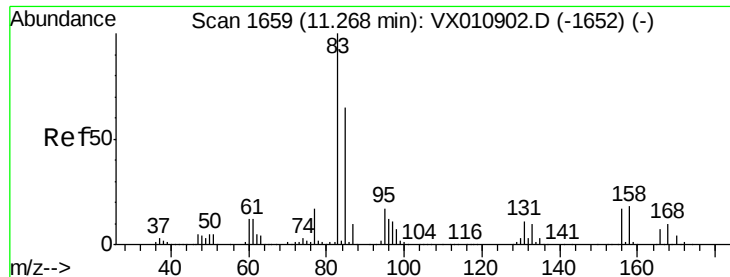
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.862 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

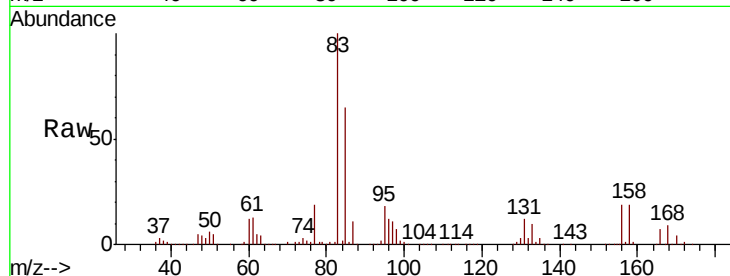
Tot Ion: 83 Resp: 193395

Ion Ratio Lower Upper

83 100

131 11.4 5.5 16.4

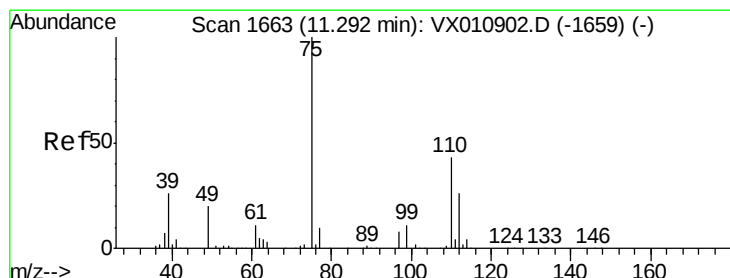
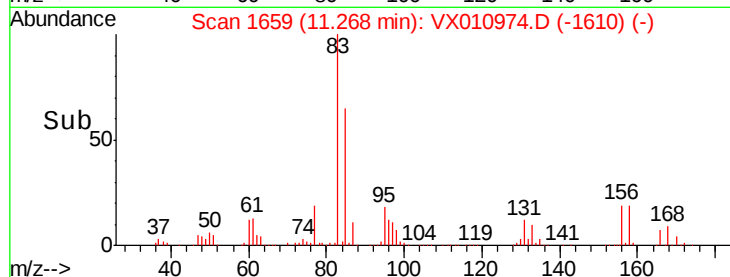
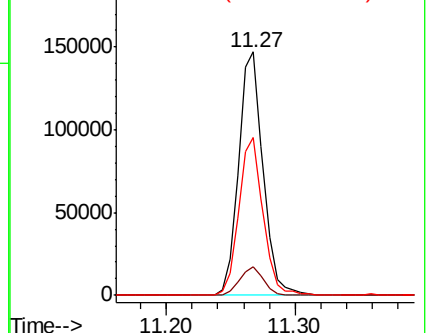
85 64.4 32.3 96.9



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: 70.435 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010974.D

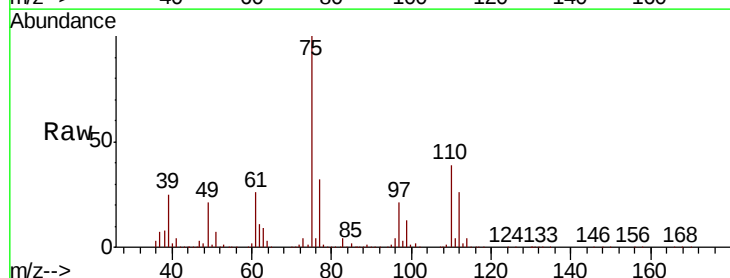
Acq: 18 Jul 2019 21:12

Tgt Ion: 75 Resp: 214344

Ion Ratio Lower Upper

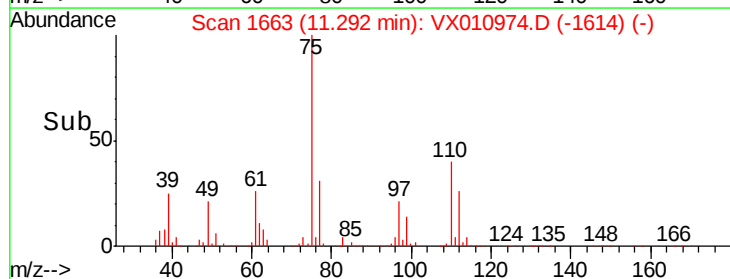
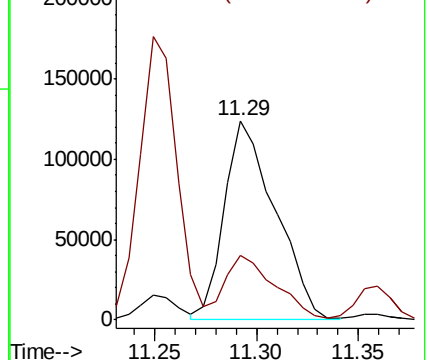
75 100

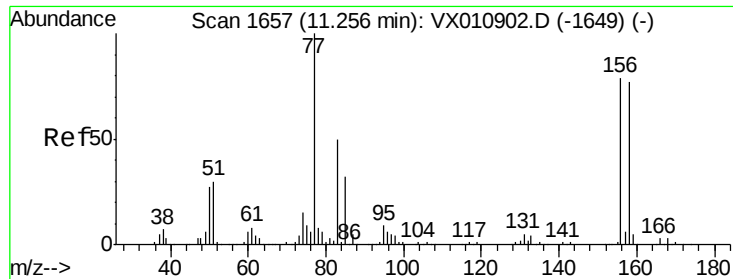
77 31.9 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

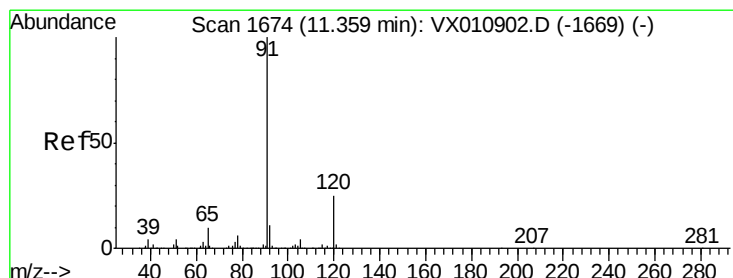
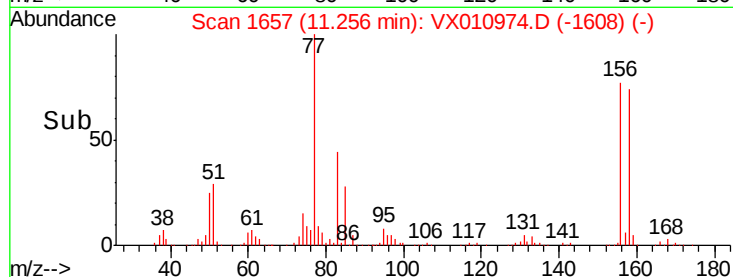
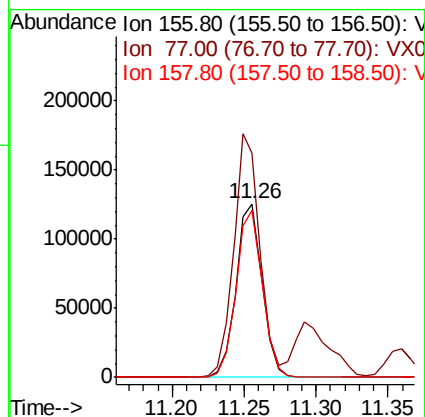
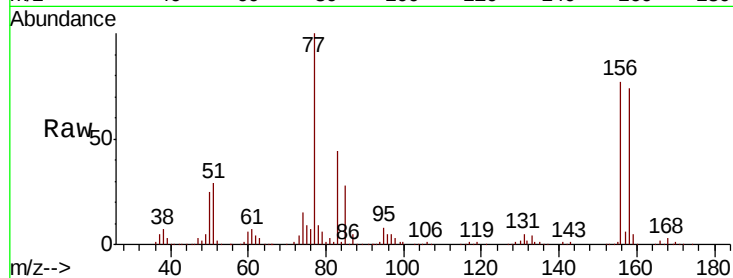




#77
Bromobenzene
Concen: 50.641 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

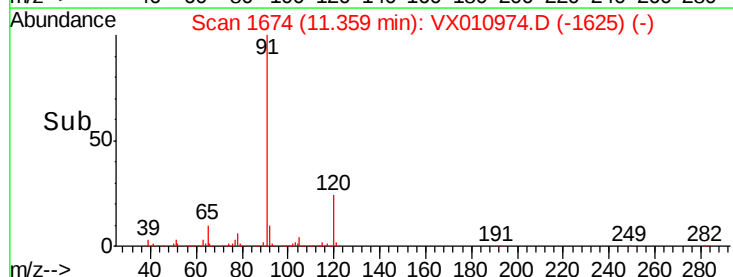
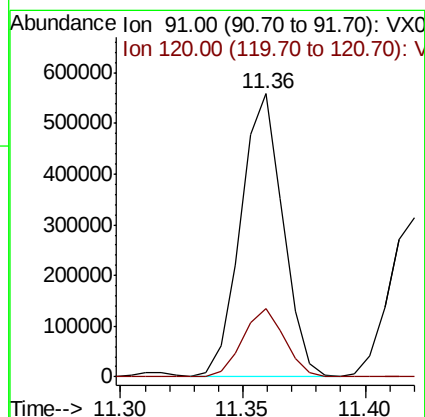
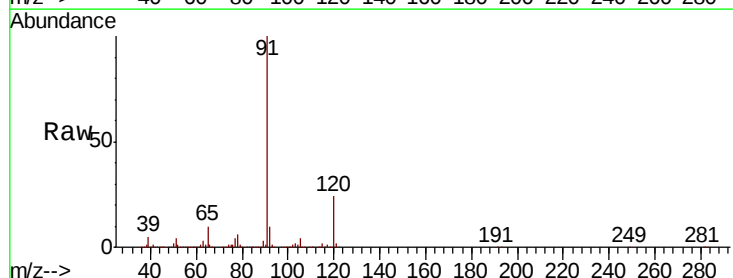
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

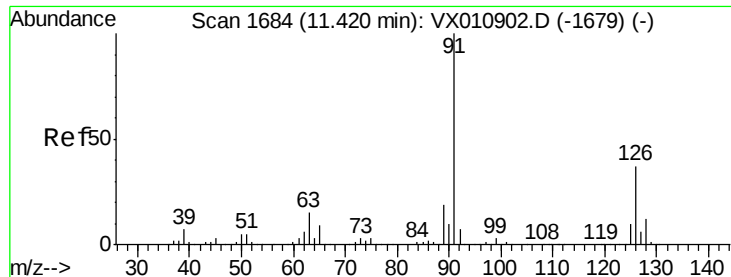
Tot Ion:156 Resp: 159170
Ion Ratio Lower Upper
156 100
77 140.4 68.7 206.1
158 96.9 47.9 143.7



#78
n-propylbenzene
Concen: 53.026 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion: 91 Resp: 667620
Ion Ratio Lower Upper
91 100
120 24.2 12.3 36.8

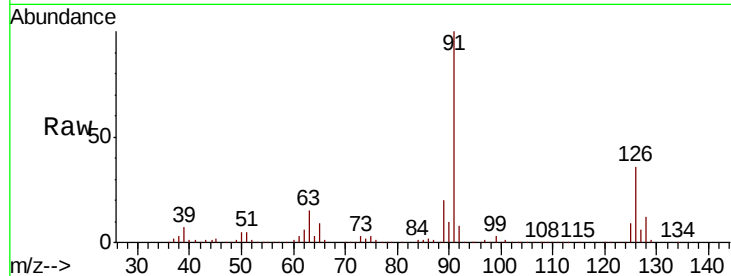




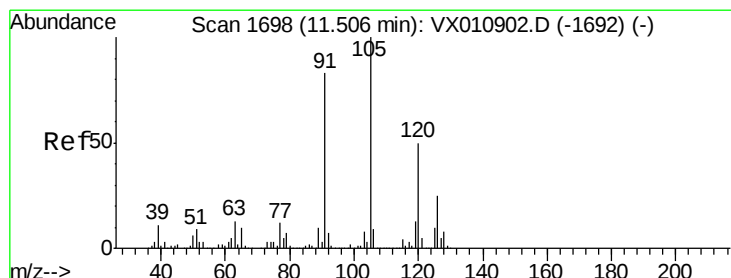
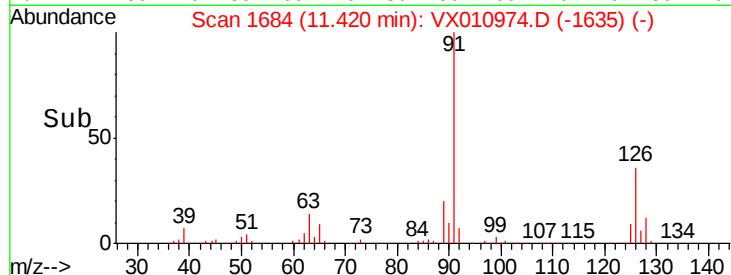
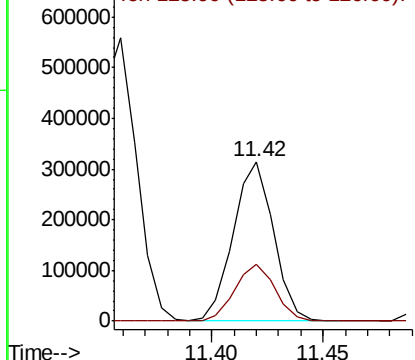
#79
 2-Chlorotoluene
 Concen: 52.214 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 394905
 Ion Ratio Lower Upper
 91 100
 126 35.7 18.0 54.0

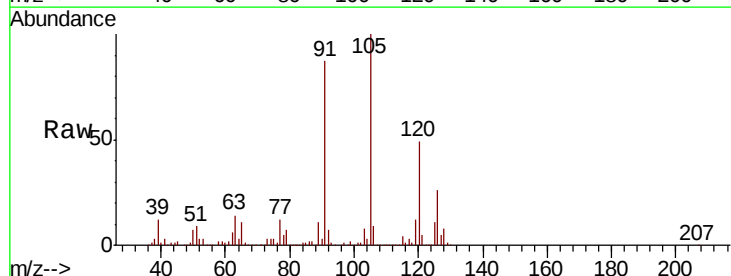


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

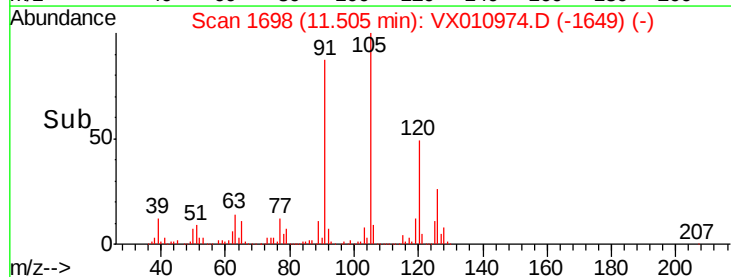
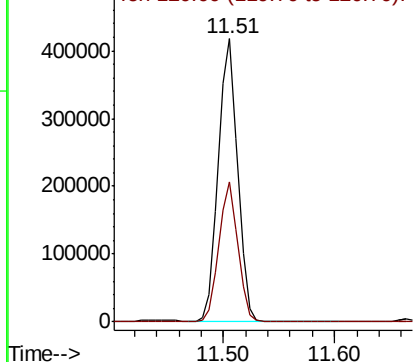


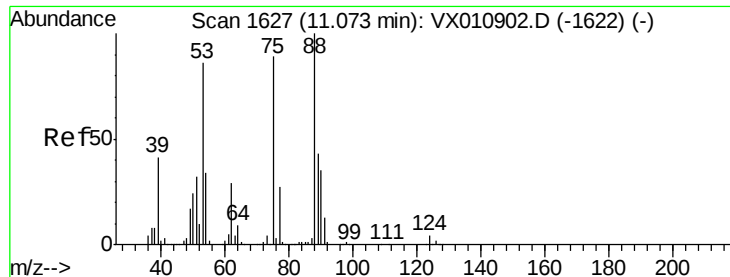
#80
 1,3,5-Trimethylbenzene
 Concen: 52.834 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

Tgt Ion: 105 Resp: 503055
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.6 73.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 44.907 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

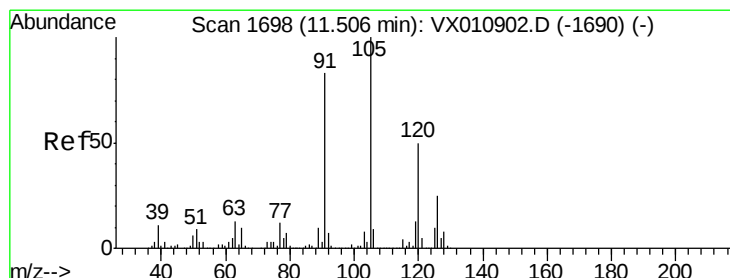
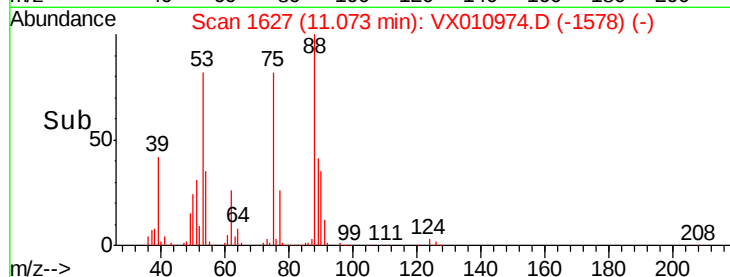
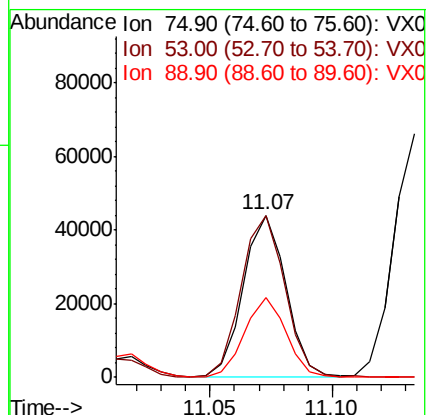
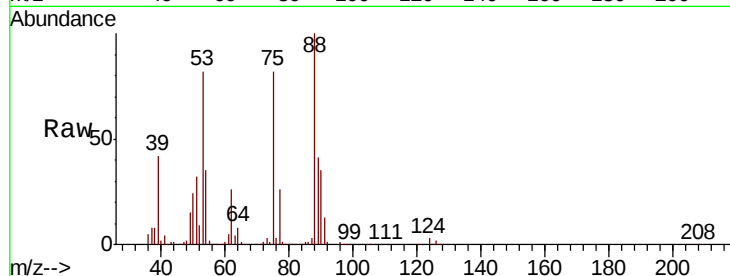
Tot Ion: 75 Resp: 53411

Ion Ratio Lower Upper

75 100

53 102.4 76.7 115.1

89 48.5 38.5 57.7



#82

4-Chlorotoluene

Concen: 52.764 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010974.D

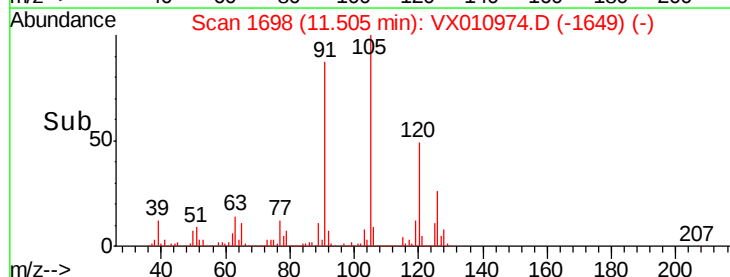
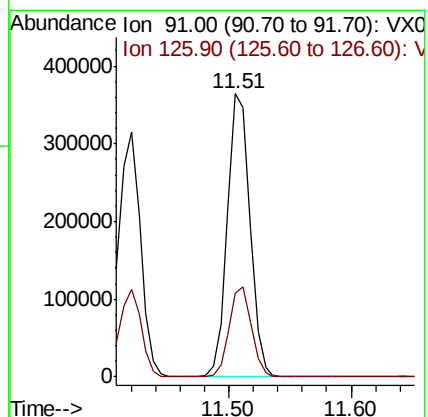
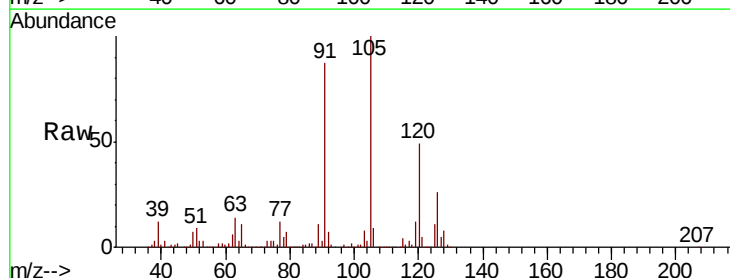
Acq: 18 Jul 2019 21:12

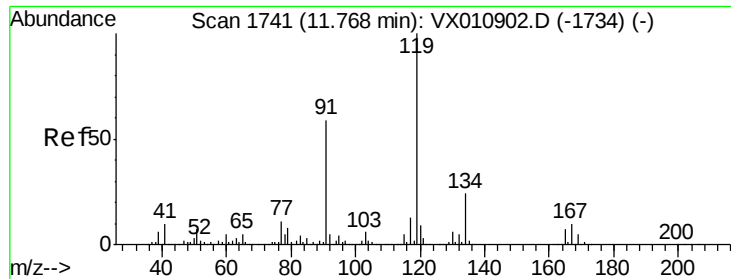
Tgt Ion: 91 Resp: 464470

Ion Ratio Lower Upper

91 100

126 31.1 15.9 47.7





#83

tert-Butylbenzene

Concen: 52.776 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

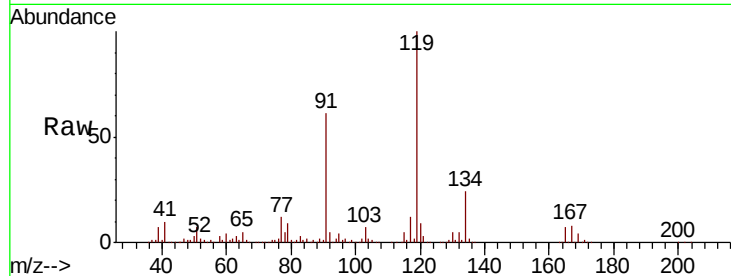
Tot Ion:119 Resp: 493588

Ion Ratio Lower Upper

119 100

91 58.1 28.6 85.8

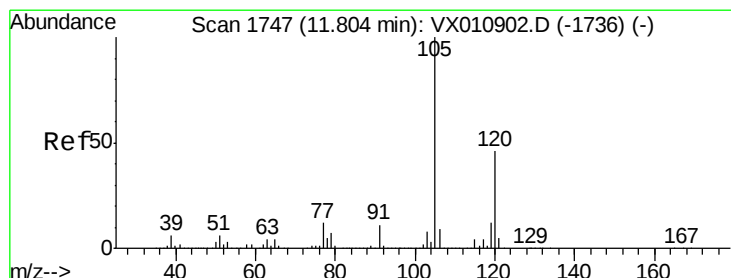
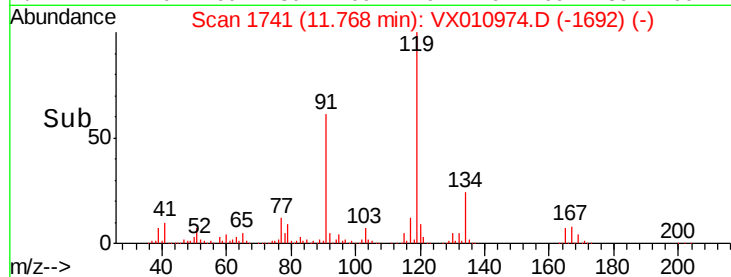
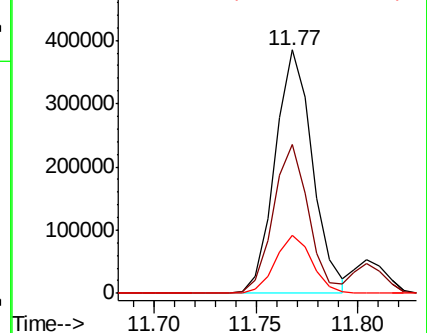
134 23.3 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.837 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010974.D

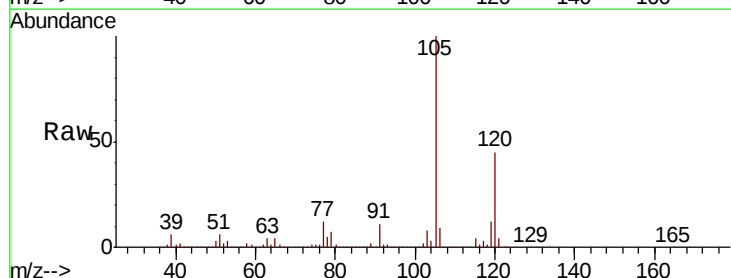
Acq: 18 Jul 2019 21:12

Tgt Ion:105 Resp: 516656

Ion Ratio Lower Upper

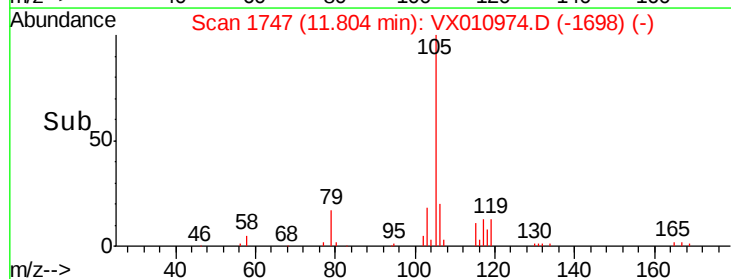
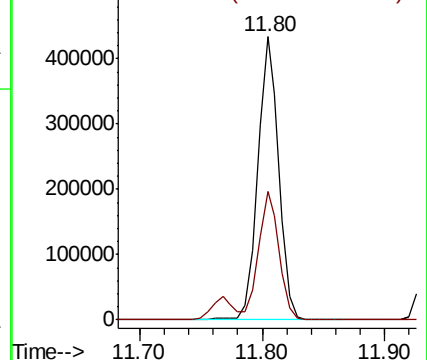
105 100

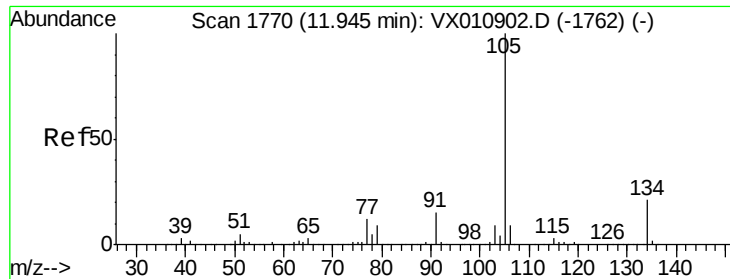
120 45.0 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.183 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

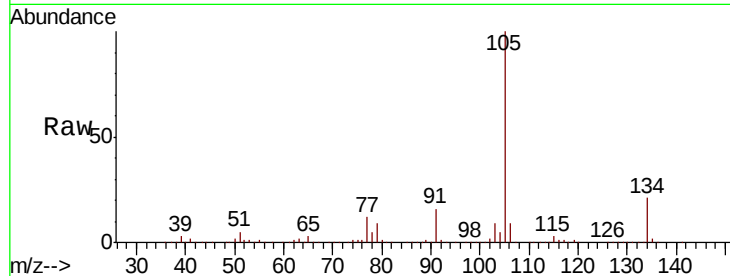
VSTDCCC050EC

Tot Ion:105 Resp: 582815

Ion Ratio Lower Upper

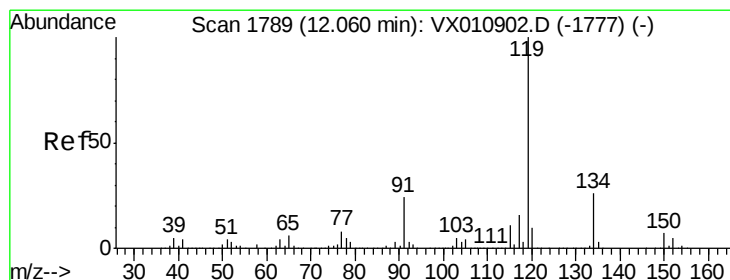
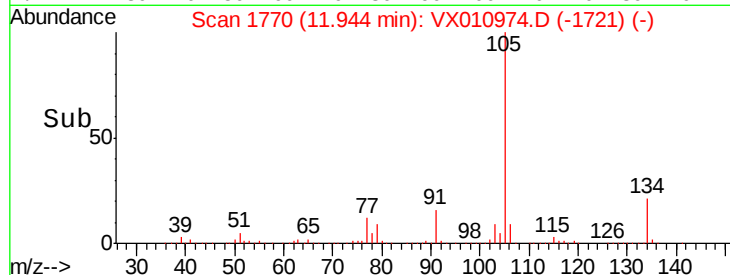
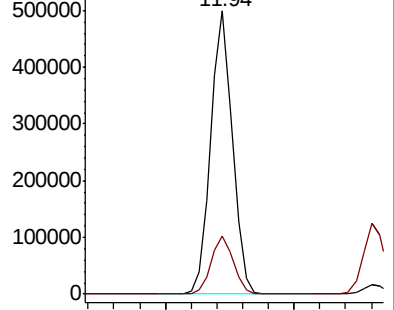
105 100

134 20.9 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.284 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

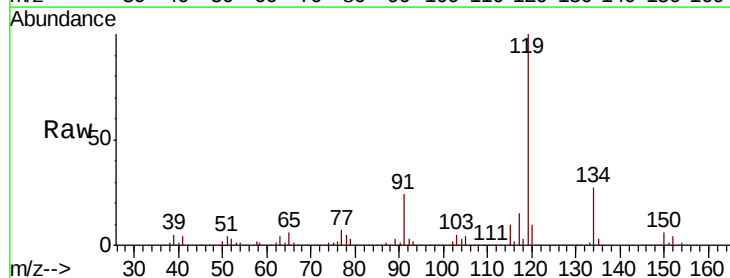
Tgt Ion:119 Resp: 539836

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

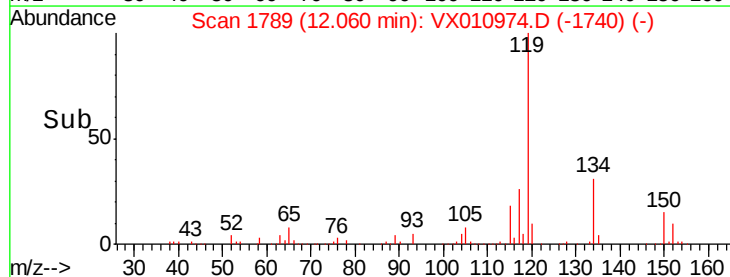
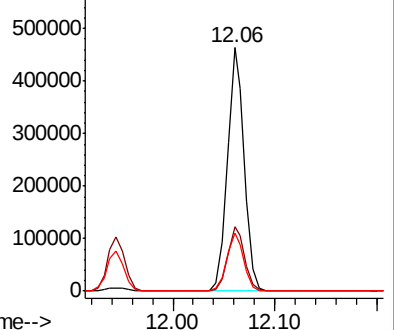
91 24.0 11.8 35.4

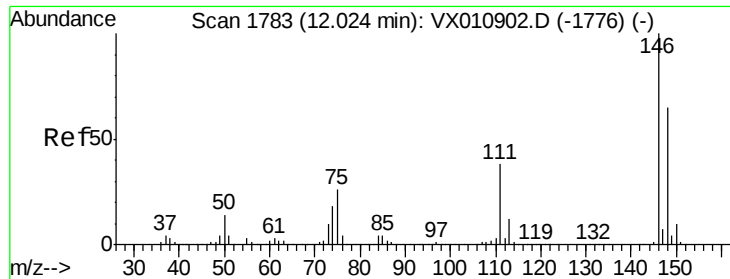


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

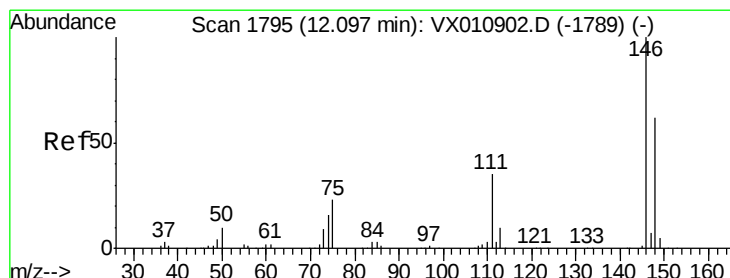
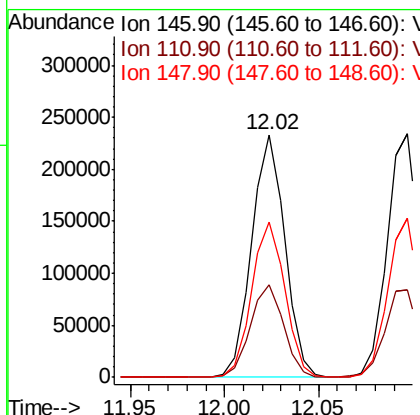
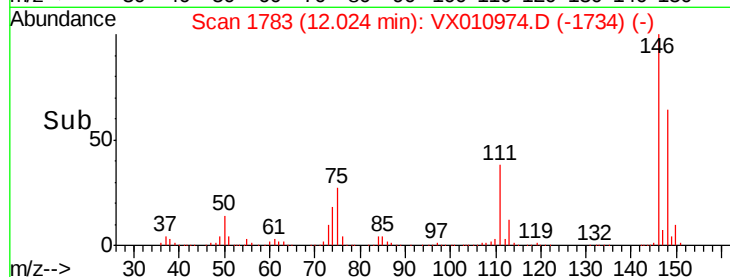
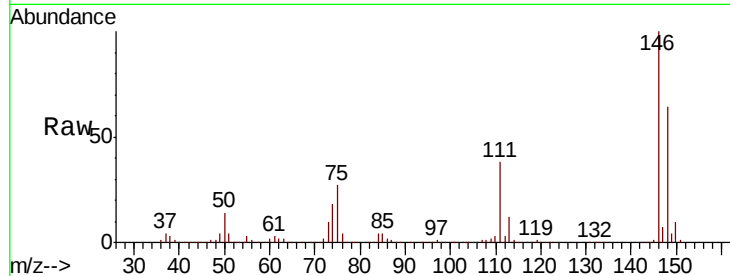




#87
 1,3-Dichlorobenzene
 Concen: 52.244 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

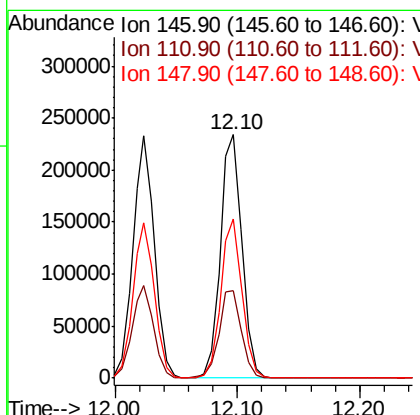
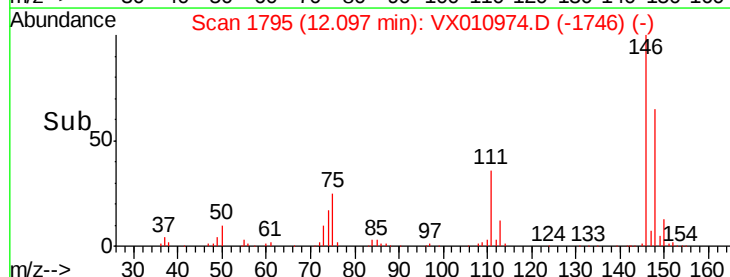
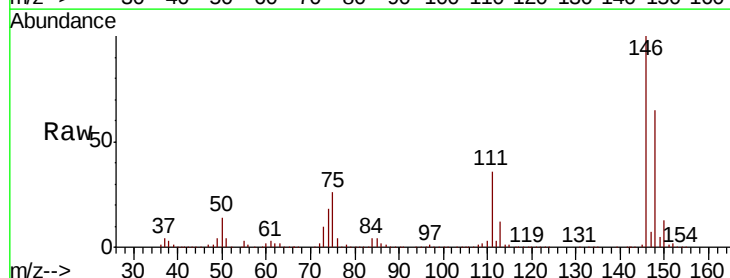
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

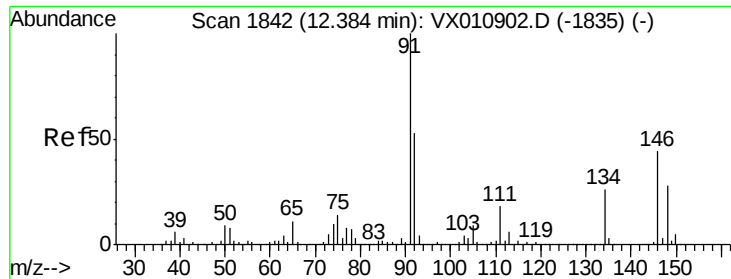
Tot Ion:146 Resp: 284968
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.9 56.9
 148 64.2 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 51.023 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

Tgt Ion:146 Resp: 285436
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.6 55.8
 148 64.1 31.6 94.7

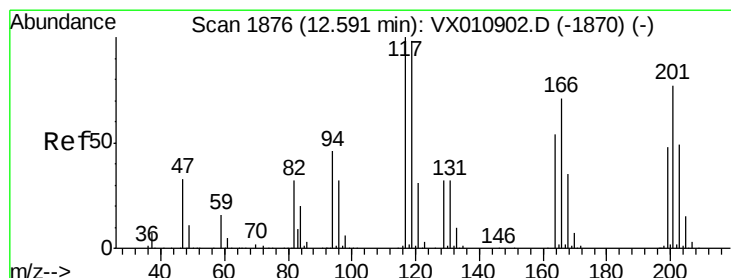
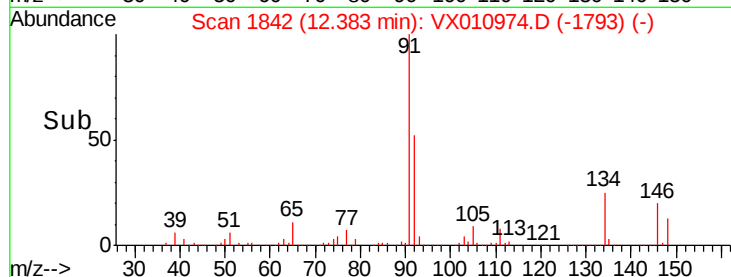
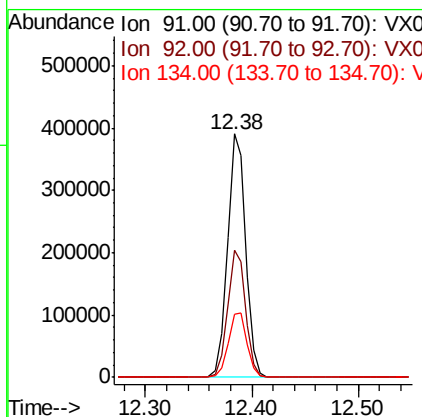
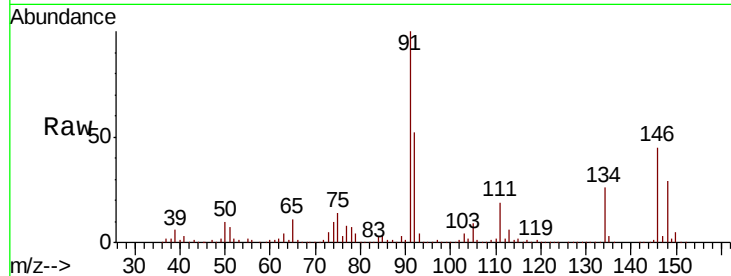




#89
n-Butylbenzene
Concen: 53.529 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

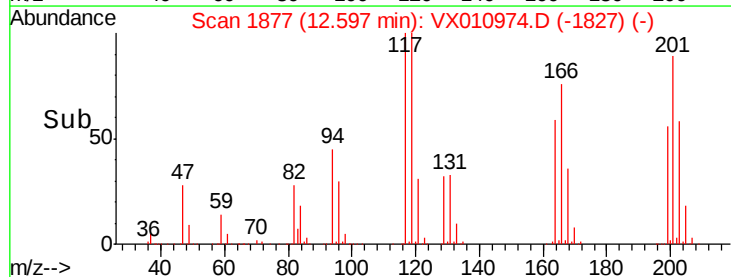
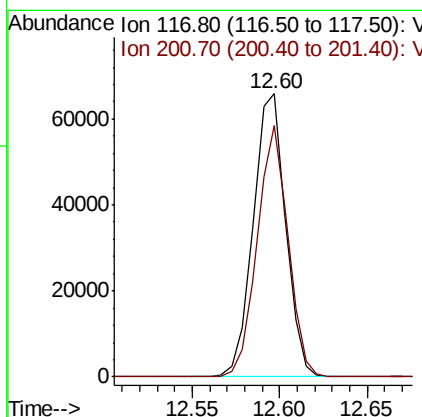
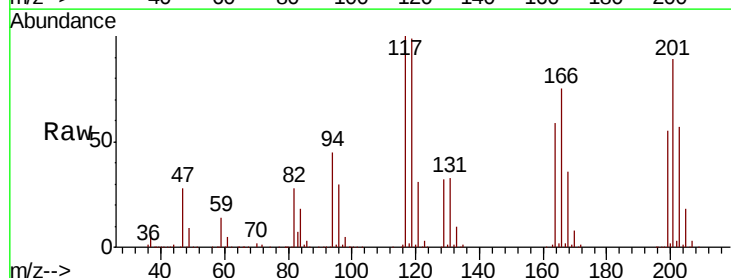
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

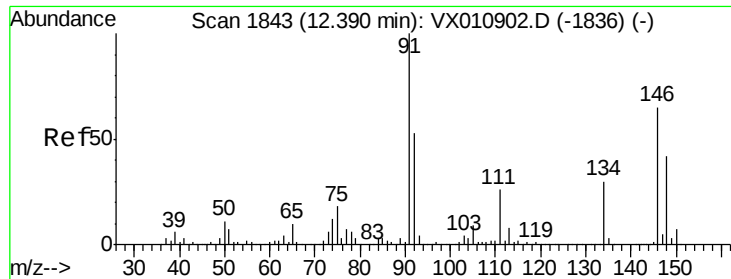
Tot Ion: 91 Resp: 463962
Ion Ratio Lower Upper
91 100
92 52.0 26.2 78.5
134 27.4 13.8 41.3



#90
Hexachloroethane
Concen: 53.062 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion: 117 Resp: 84791
Ion Ratio Lower Upper
117 100
201 84.2 43.3 129.8





#91

1,2-Dichlorobenzene

Concen: 51.324 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

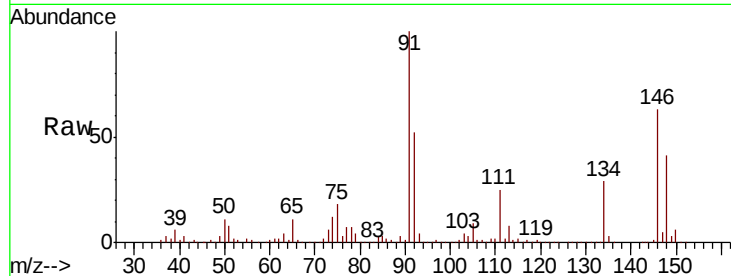
Tot Ion:146 Resp: 277452

Ion Ratio Lower Upper

146 100

111 39.9 19.9 59.7

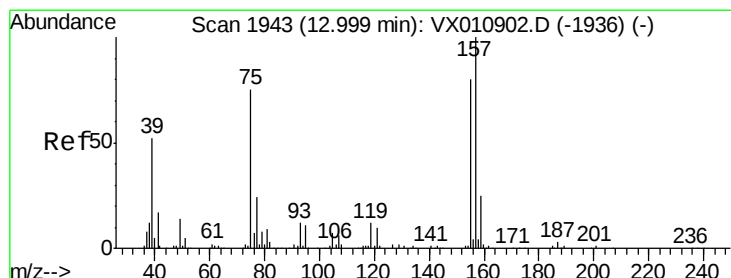
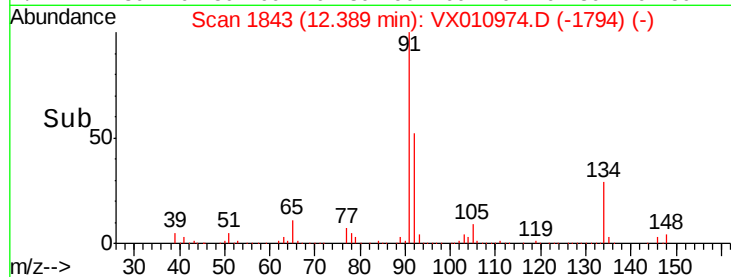
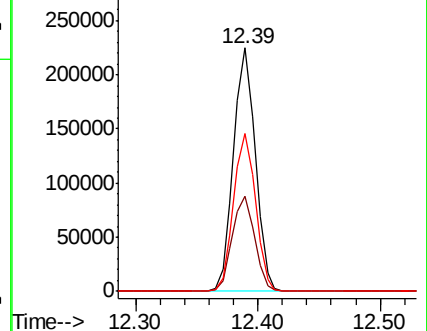
148 65.3 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.494 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

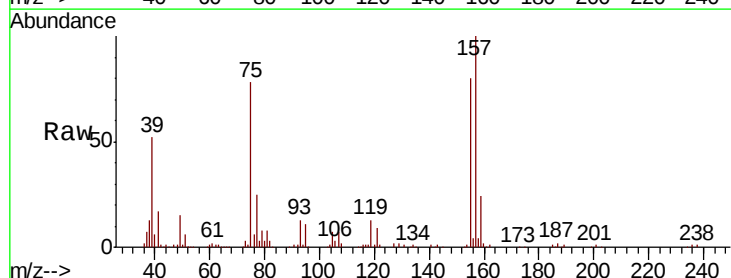
Tgt Ion: 75 Resp: 42477

Ion Ratio Lower Upper

75 100

155 96.5 48.7 146.1

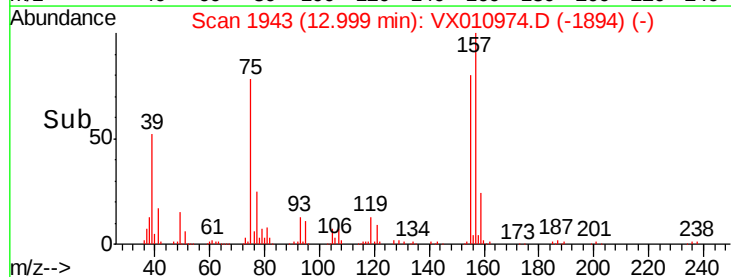
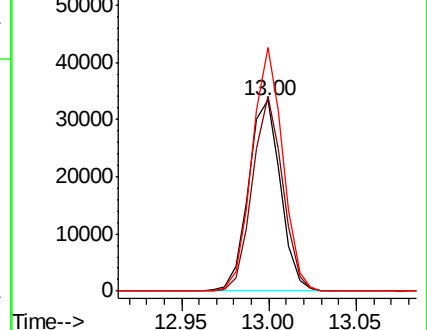
157 122.4 62.5 187.6

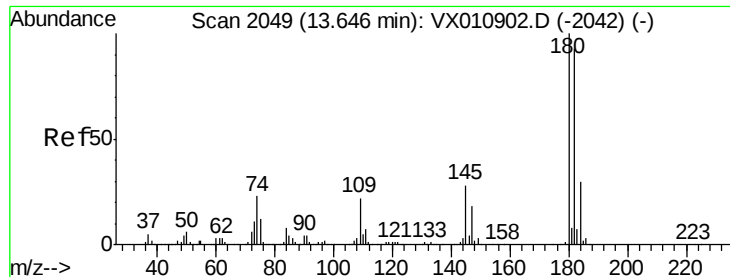


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

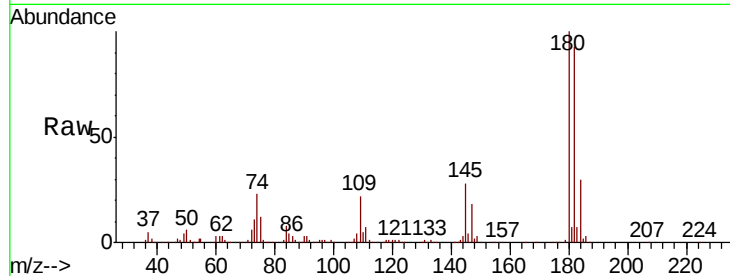




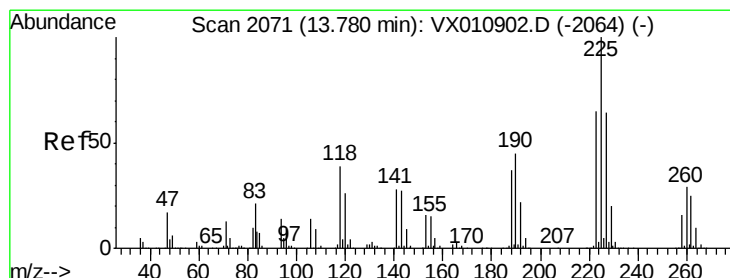
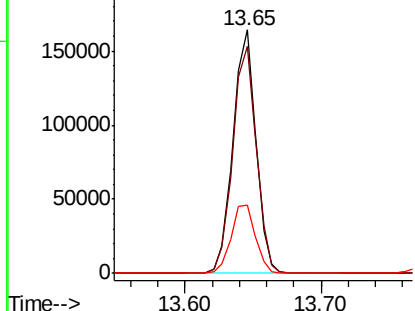
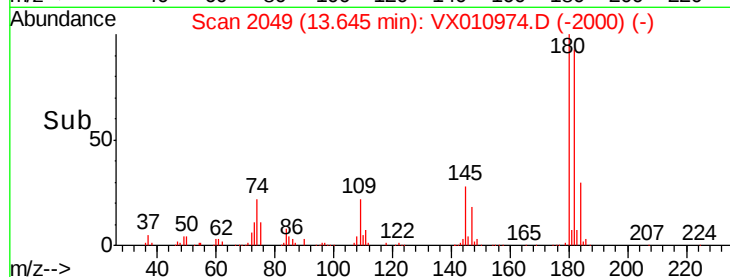
#93
 1,2,4-Trichlorobenzene
 Concen: 52.503 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.1	141.3
145	29.7	14.8	44.4

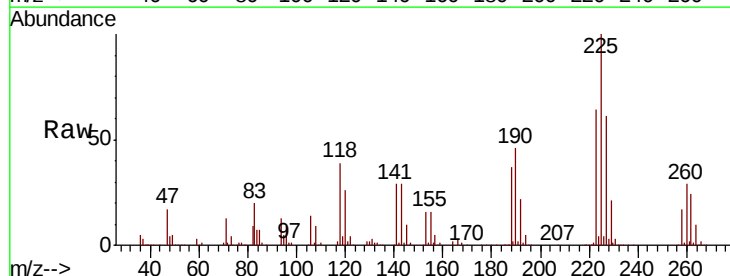


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

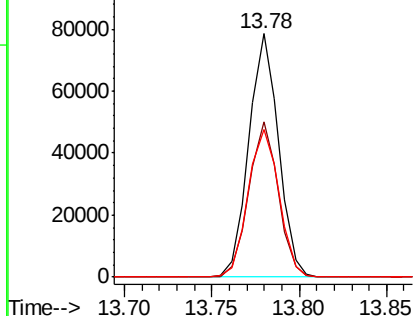
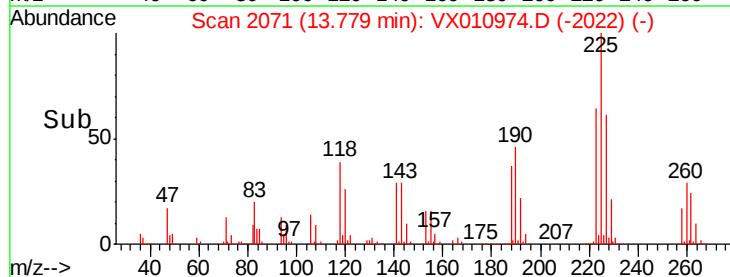


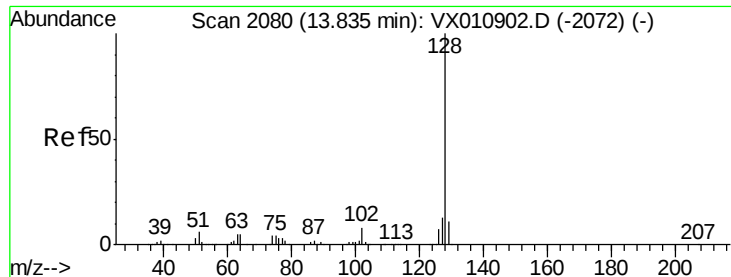
#94
 Hexachlorobutadiene
 Concen: 50.968 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.9	95.9
227	63.2	32.5	97.4



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: 55.024 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

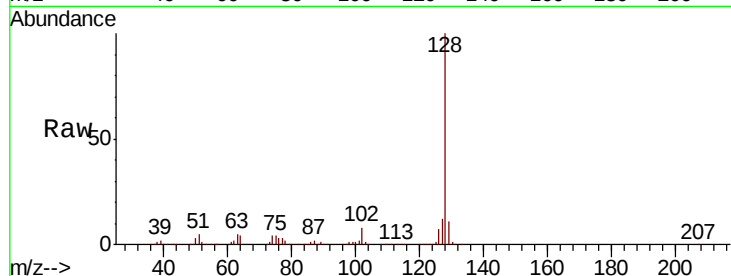
Tot Ion:128 Resp: 595272

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

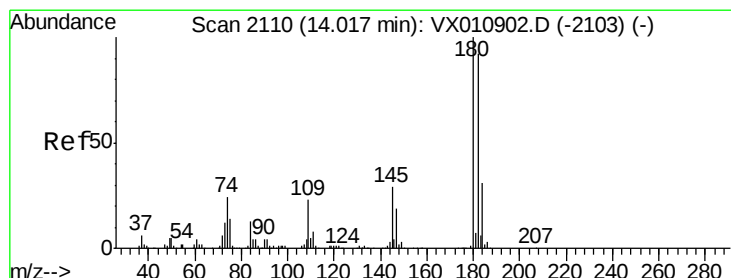
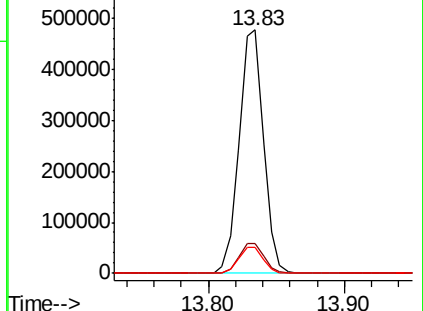
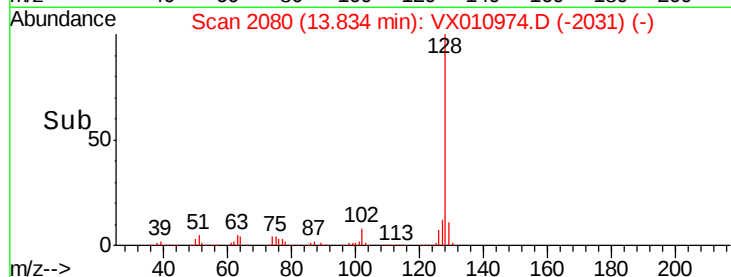
129 10.9 8.9 13.3



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: 52.698 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

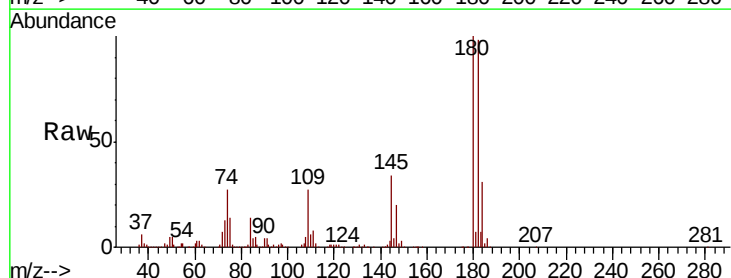
Tgt Ion:180 Resp: 192097

Ion Ratio Lower Upper

180 100

182 95.6 47.4 142.3

145 32.2 15.1 45.3



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

