

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 :

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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 Quant Title : SW846 8260
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 Response via : Initial Calibration

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

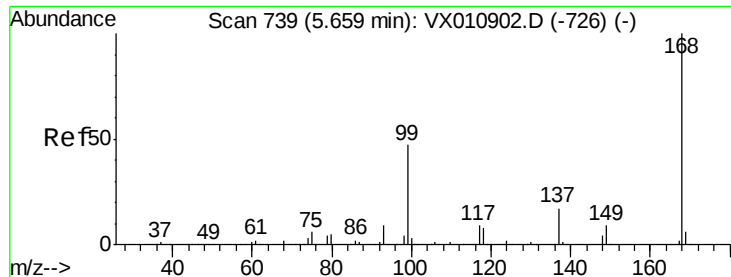
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071819\
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QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration

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

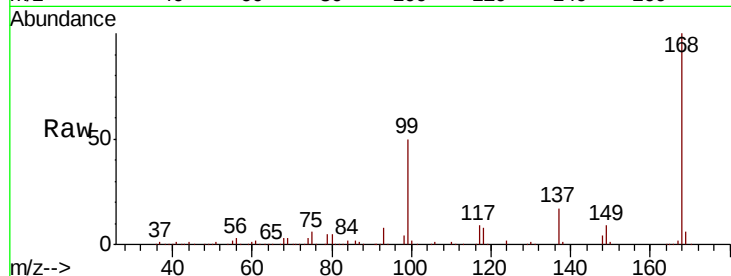
ClientSampleId :

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

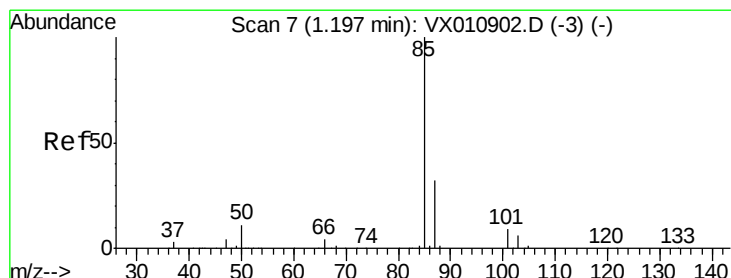
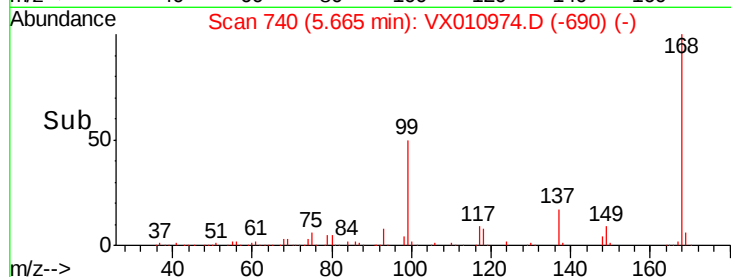
Time-->

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

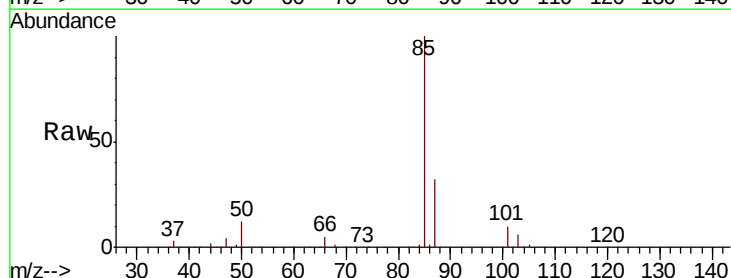
Acq: 18 Jul 2019 21:12

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

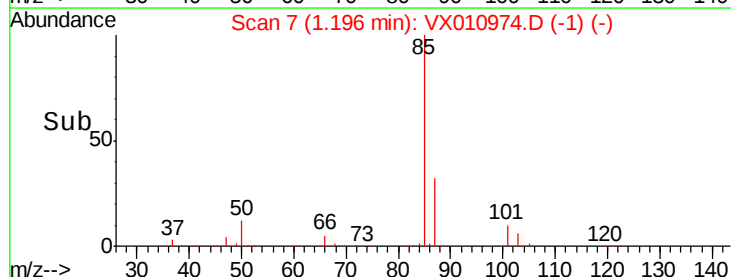
Time-->

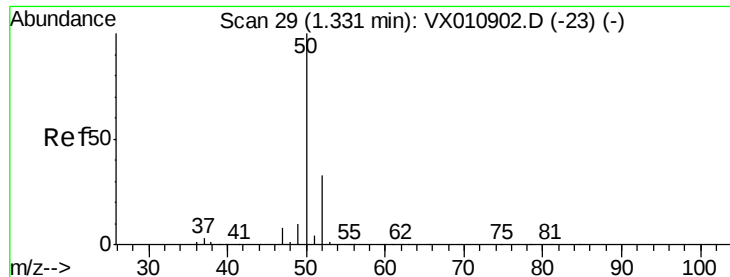
1.15

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

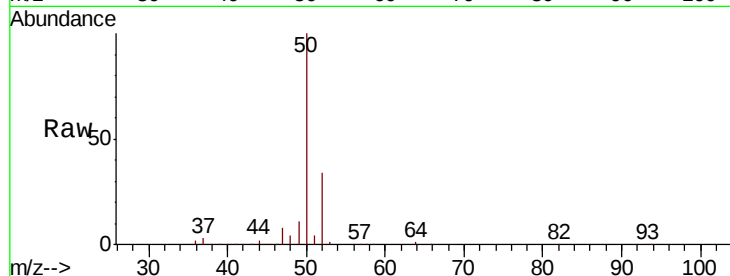
ClientSampled :

Tot Ion: 50 Resp: 107364

Ion Ratio Lower Upper

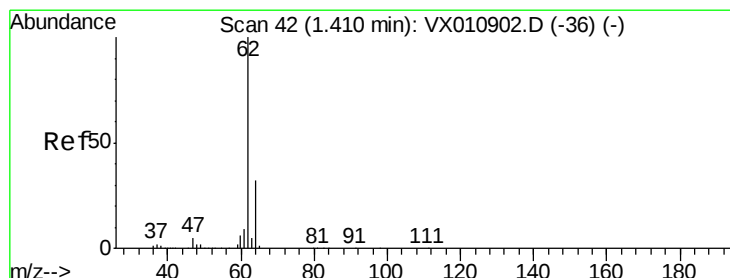
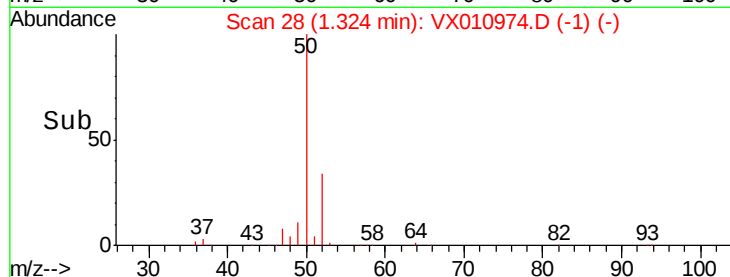
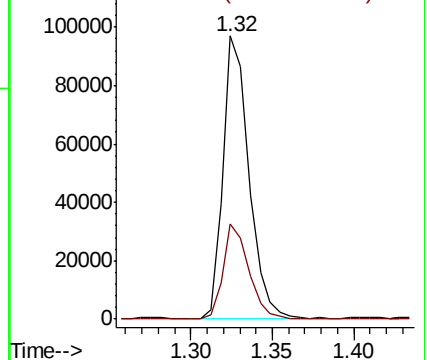
50 100

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

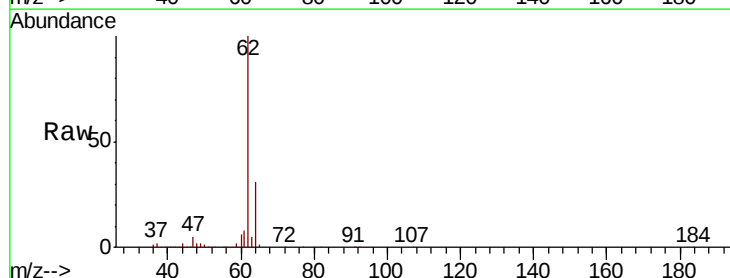
Acq: 18 Jul 2019 21:12

Tgt Ion: 62 Resp: 112740

Ion Ratio Lower Upper

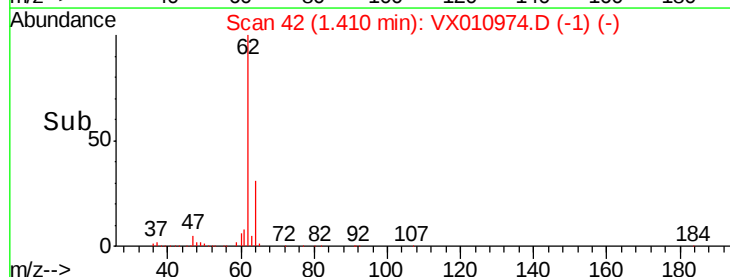
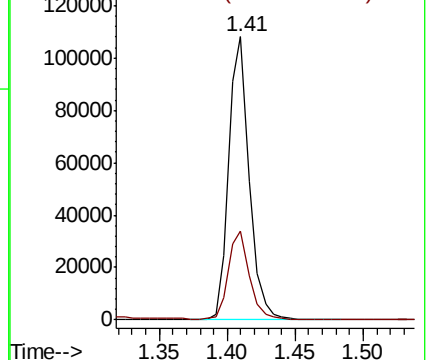
62 100

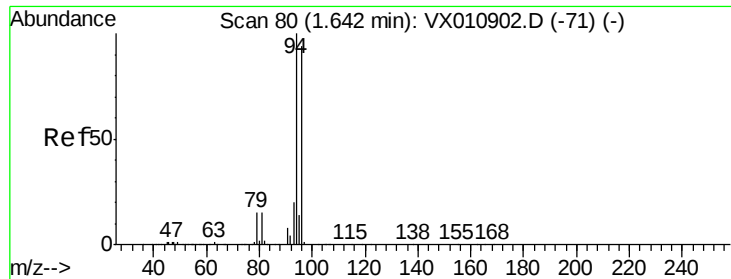
64 31.1 25.7 38.5



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

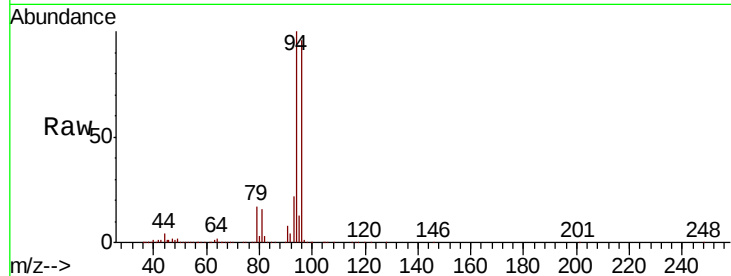
ClientSampleId :

Tot Ion: 94 Resp: 54352

Ion Ratio Lower Upper

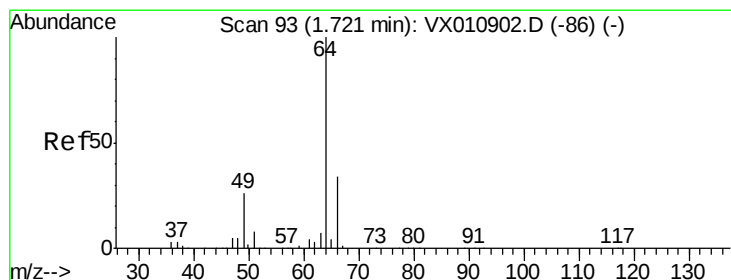
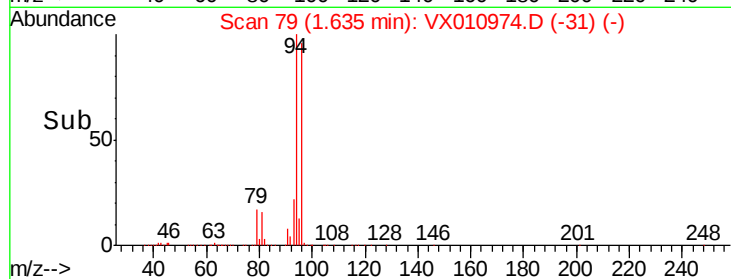
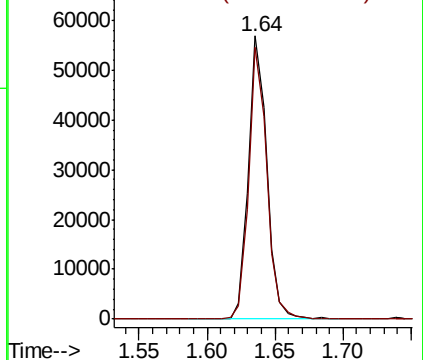
94 100

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

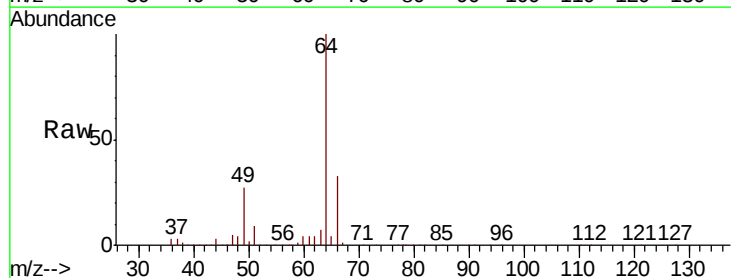
Acq: 18 Jul 2019 21:12

Tgt Ion: 64 Resp: 69616

Ion Ratio Lower Upper

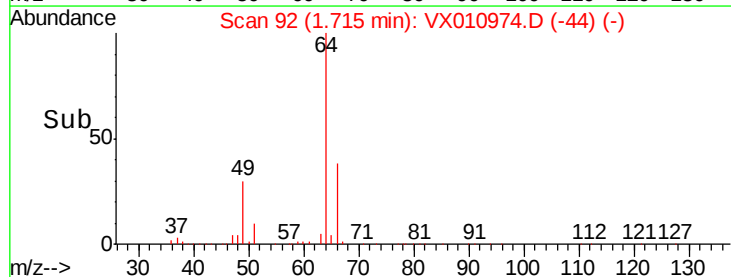
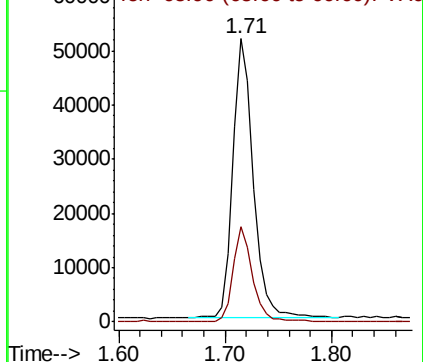
64 100

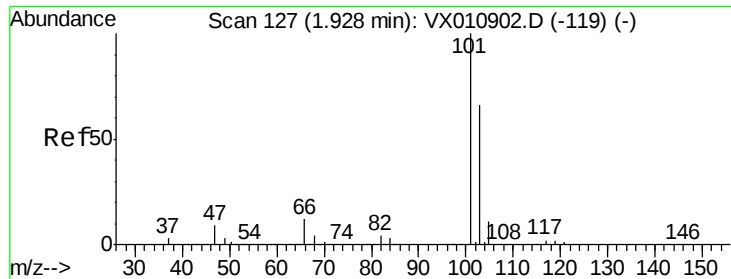
66 33.8 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



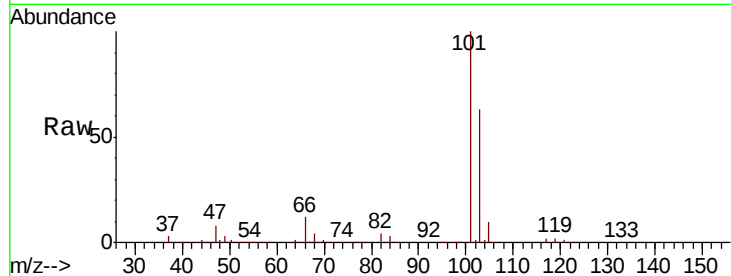


#7

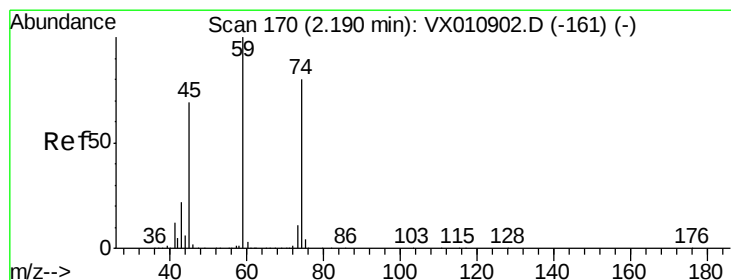
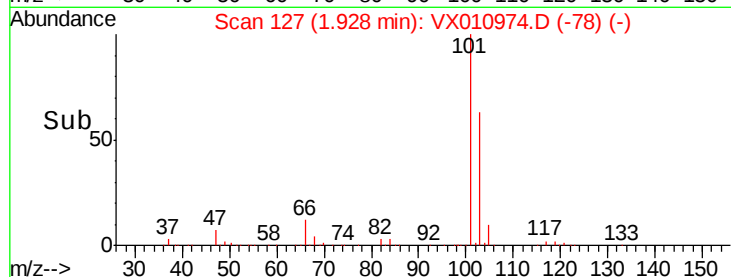
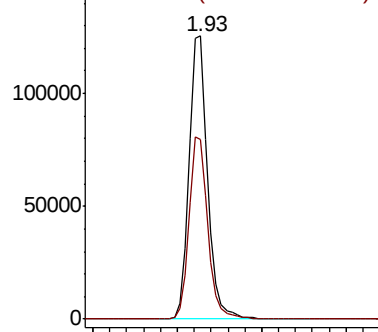
Trichlorofluoromethane
Concen: 52.598 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Instrument :
MSVOA_X
ClientSampled :

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



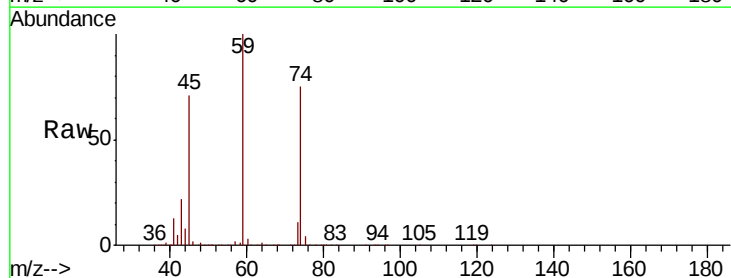
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



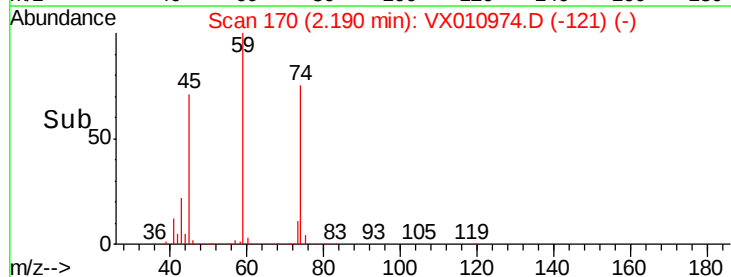
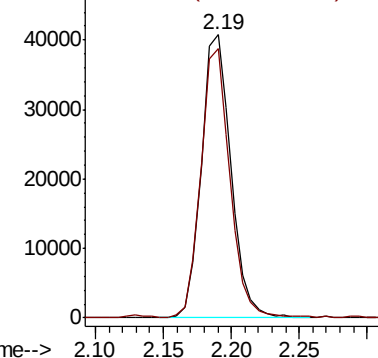
#8

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 :

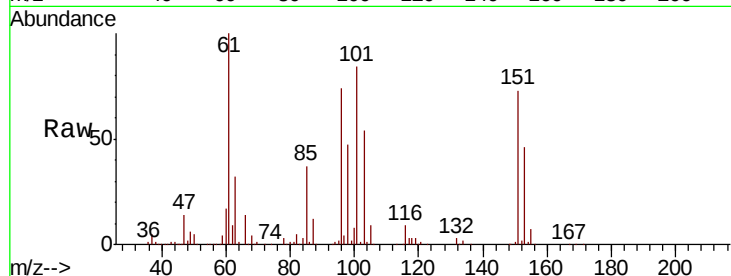
Tot Ion:101 Resp: 107854

Ion Ratio Lower Upper

101 100

85 42.9 34.6 52.0

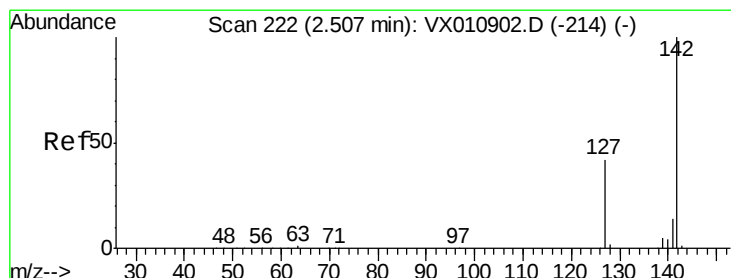
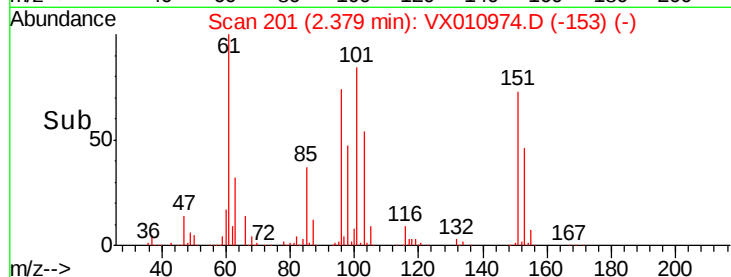
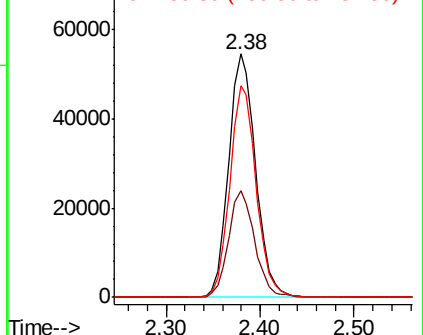
151 85.1 69.6 104.4



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

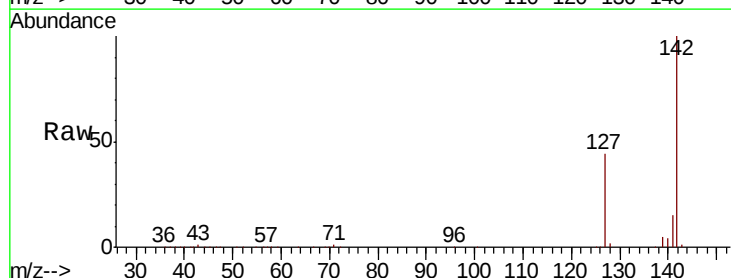
Tgt Ion:142 Resp: 135668

Ion Ratio Lower Upper

142 100

127 42.9 34.2 51.4

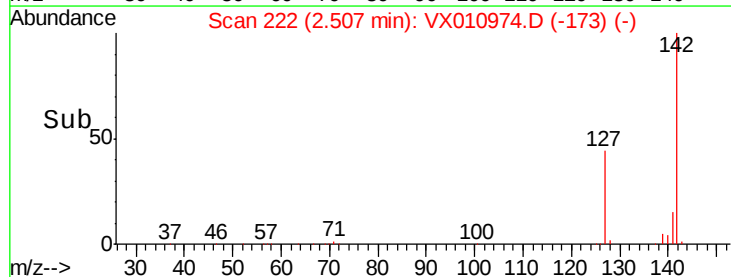
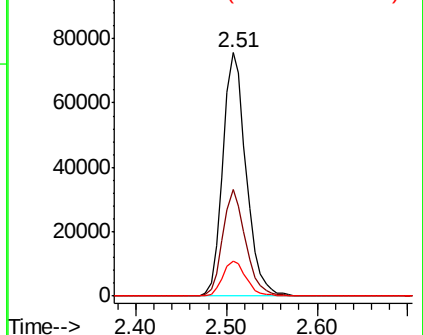
141 14.6 11.7 17.5



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

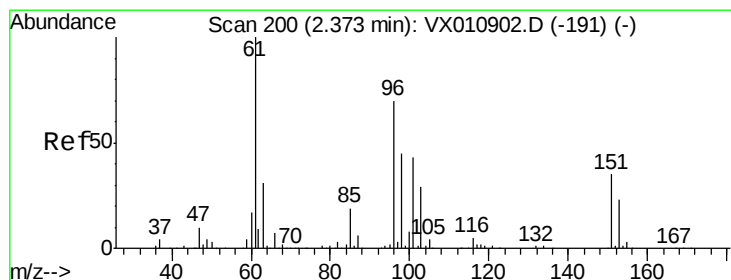
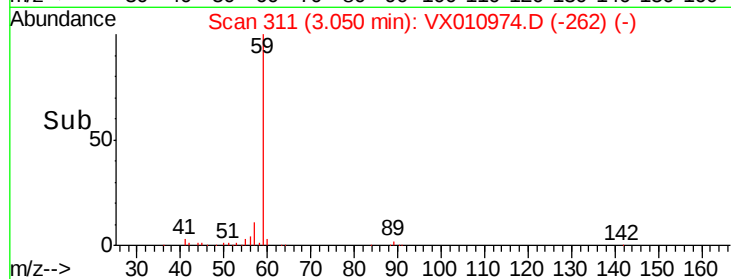
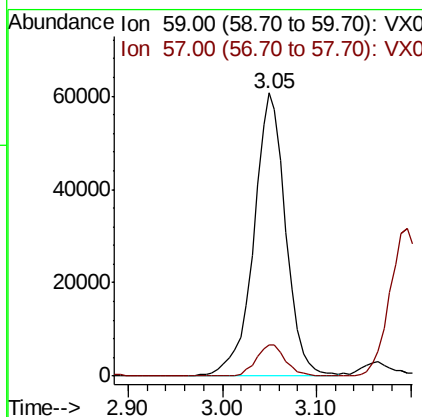
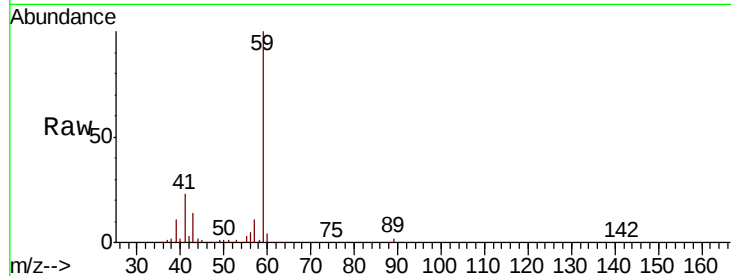




#11
Tert butyl alcohol
Concen: 254.186 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

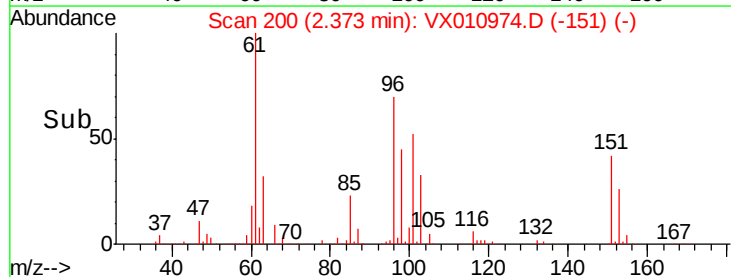
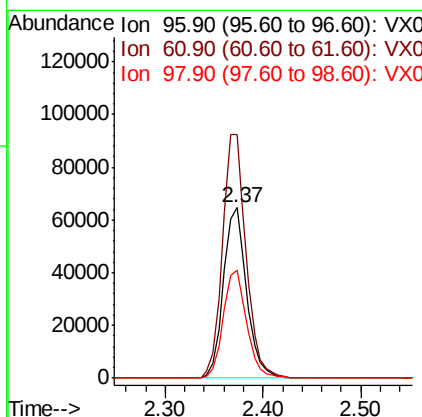
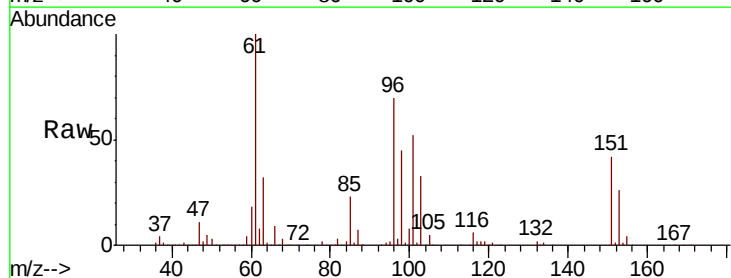
Instrument :
MSVOA_X
ClientSampled :

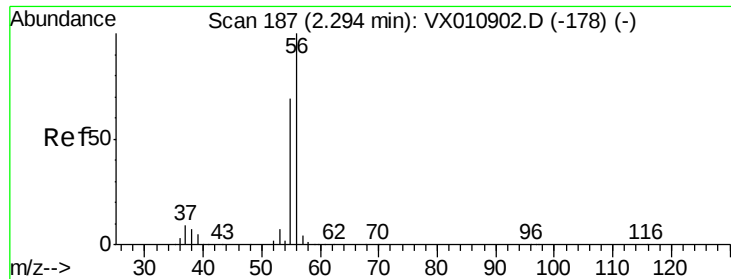
Tot Ion: 59 Resp: 144158
Ion Ratio Lower Upper
59 100
57 10.4 7.9 11.9



#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

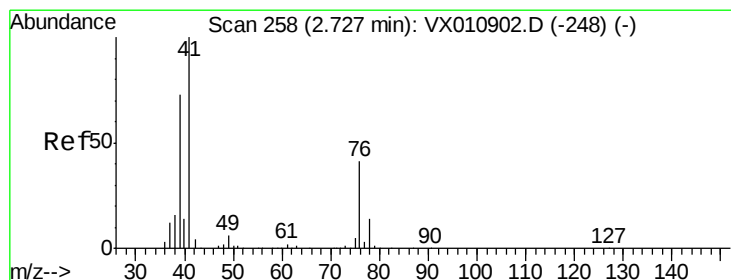
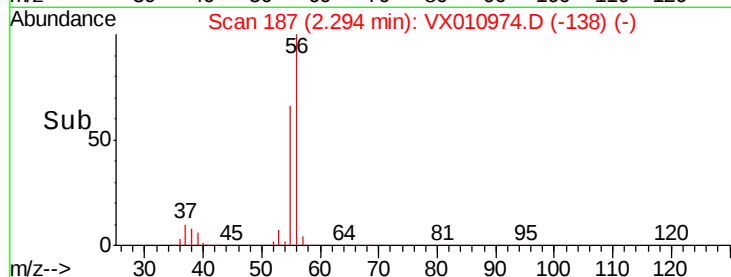
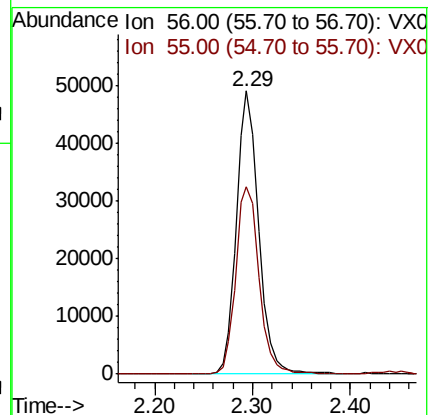
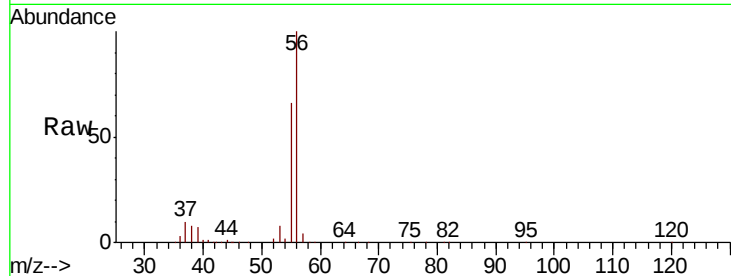
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 77565

Ion Ratio Lower Upper

56 100

55 69.7 55.9 83.9



#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

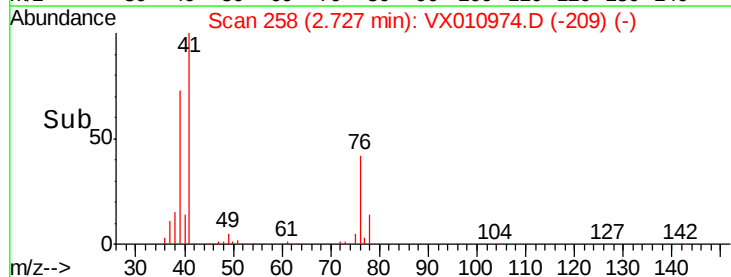
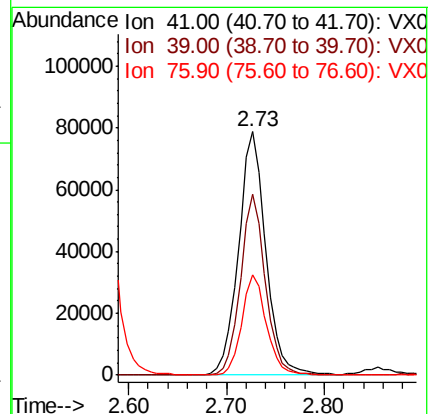
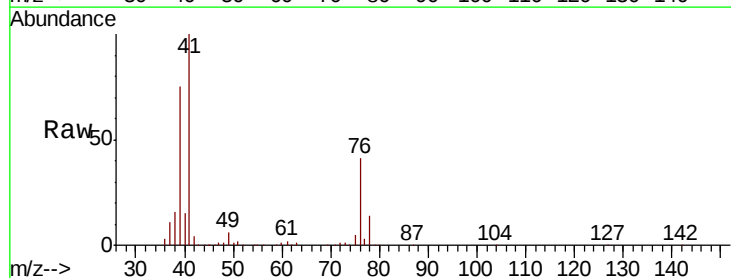
Tgt Ion: 41 Resp: 152285

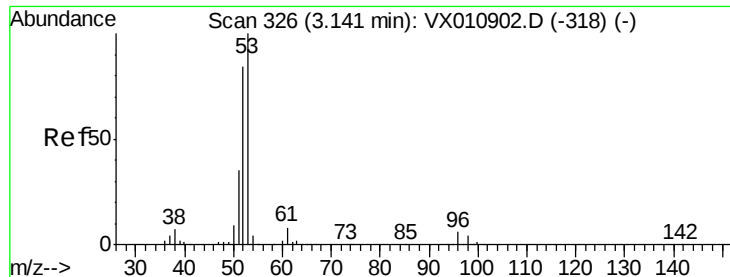
Ion Ratio Lower Upper

41 100

39 67.6 53.6 80.4

76 36.7 29.7 44.5





#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 :

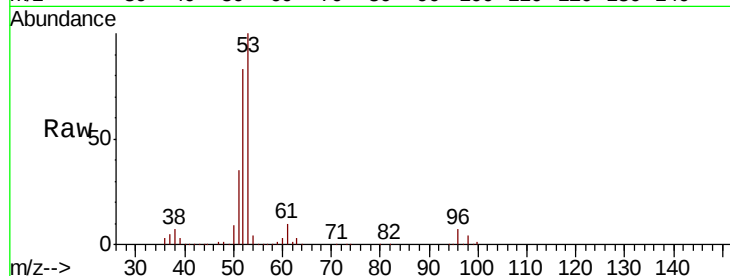
Tot Ion: 53 Resp: 298367

Ion Ratio Lower Upper

53 100

52 83.2 66.5 99.7

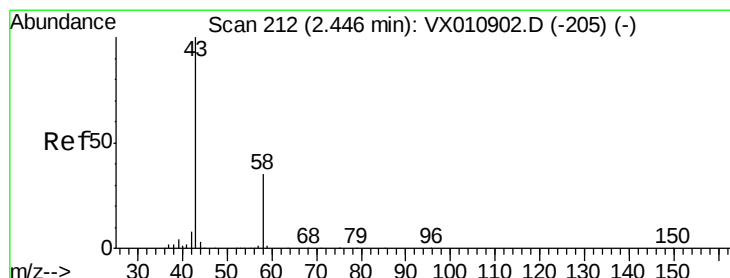
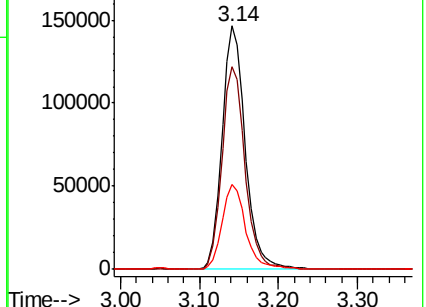
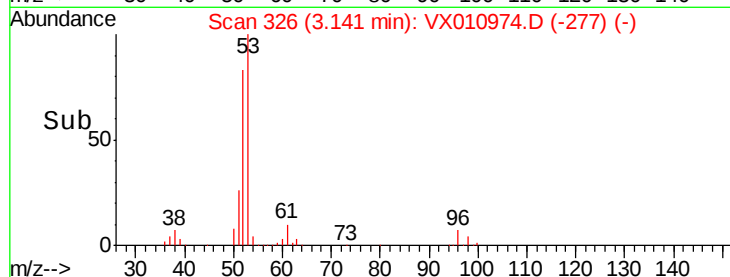
51 35.7 28.2 42.4



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

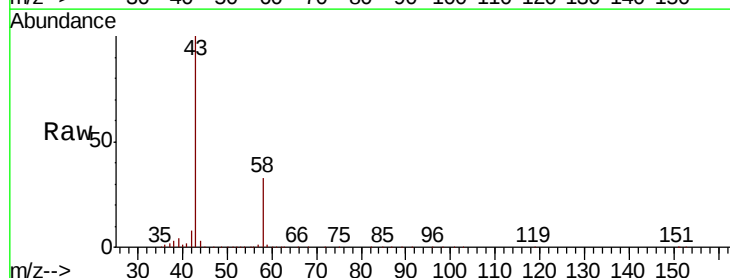
Acq: 18 Jul 2019 21:12

Tgt Ion: 43 Resp: 251102

Ion Ratio Lower Upper

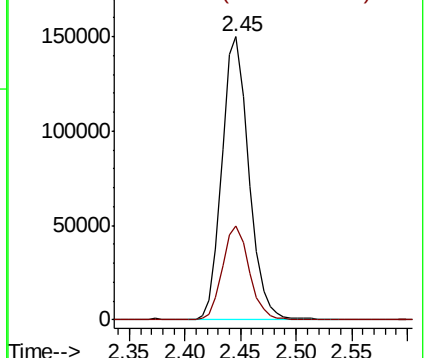
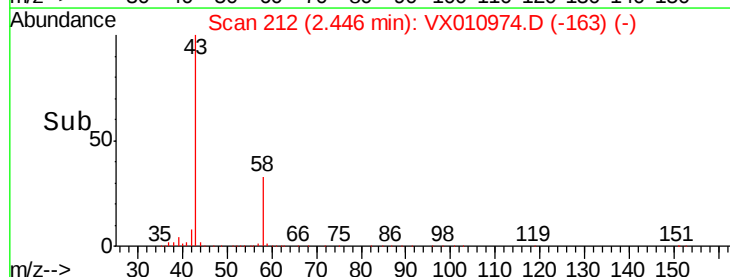
43 100

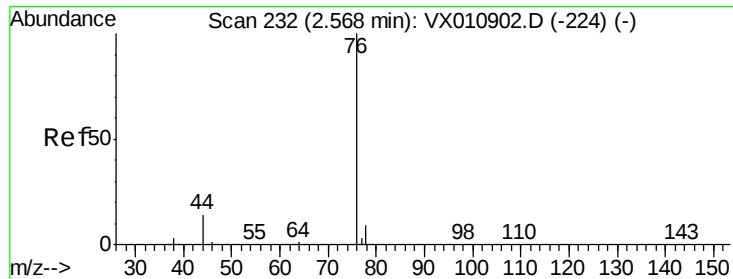
58 33.2 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

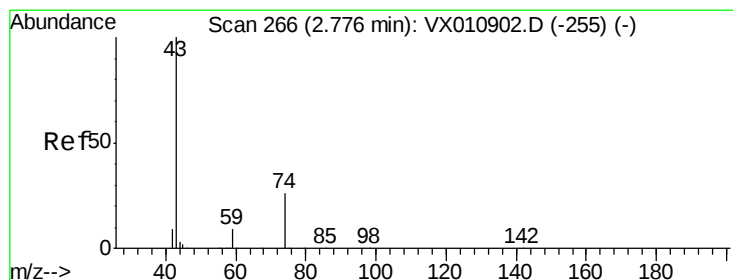
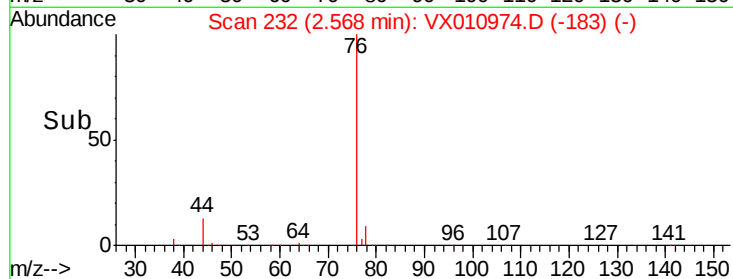
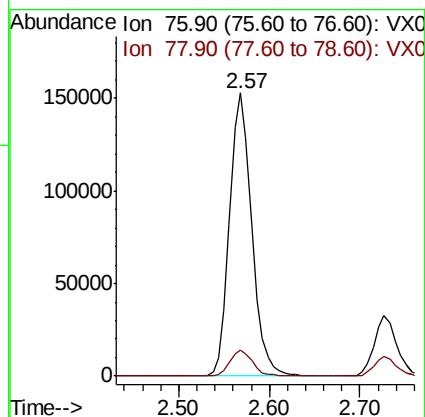
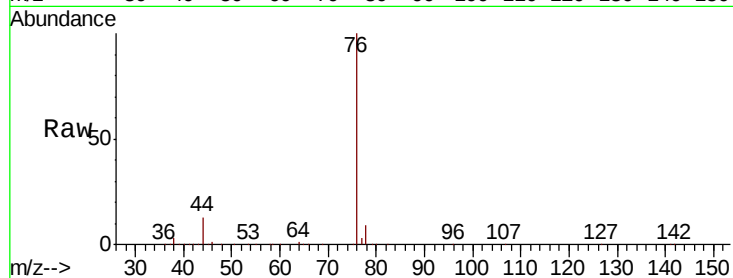




#17
Carbon Disulfide
Concen: 49.871 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

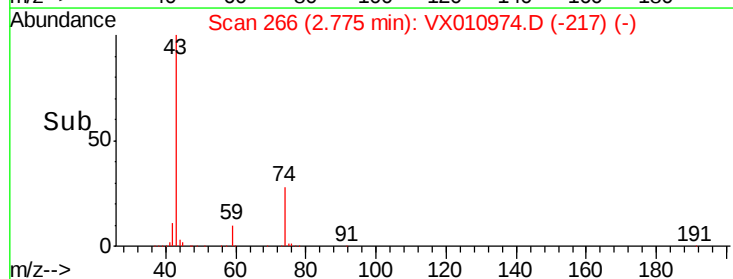
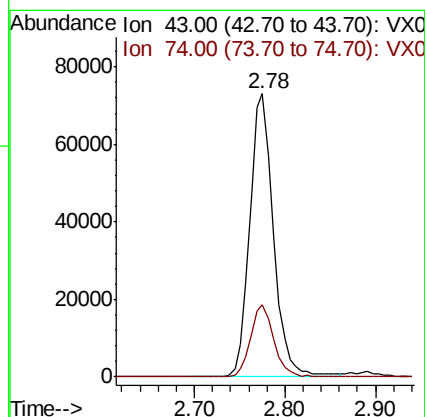
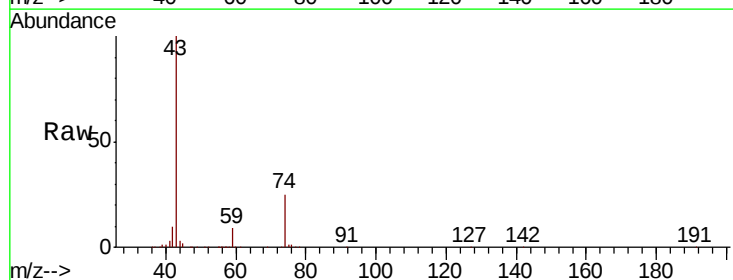
Instrument :
MSVOA_X
ClientSampleId :

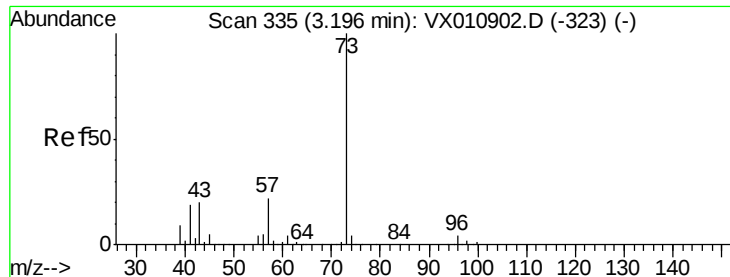
Tot Ion: 76 Resp: 260828
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#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

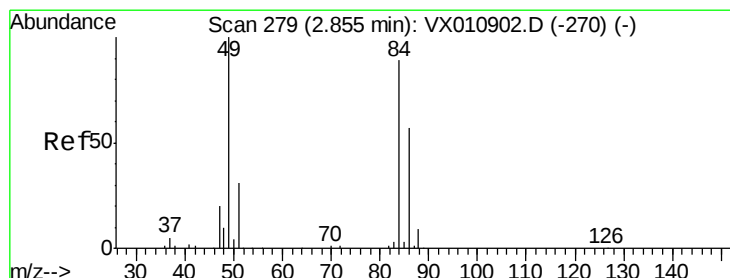
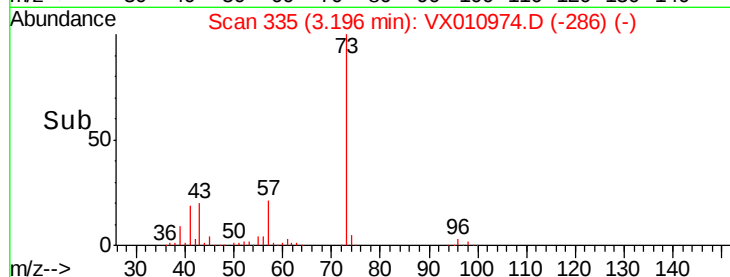
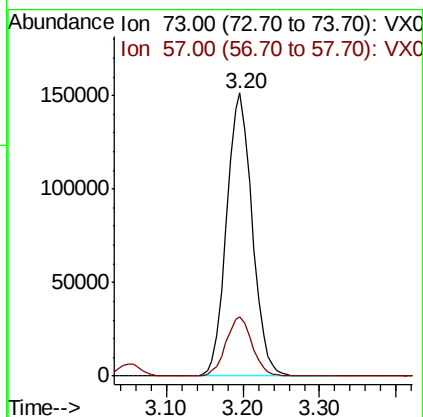
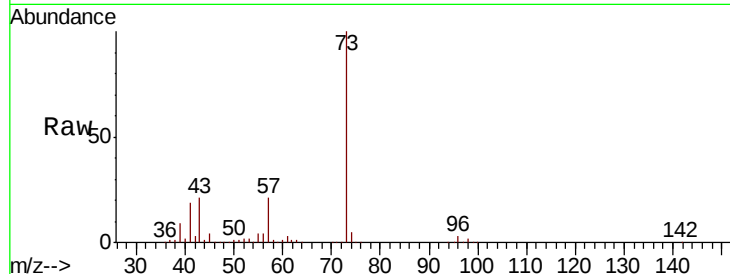




#19
Methyl tert-butyl Ether
Concen: 53.306 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

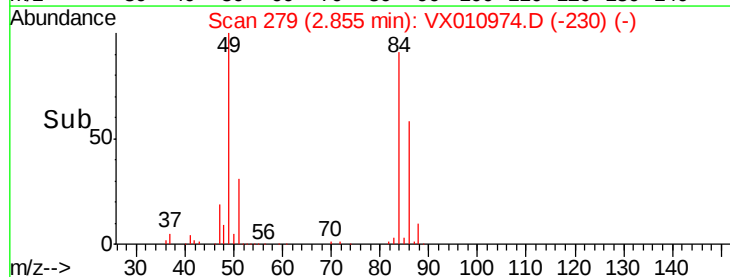
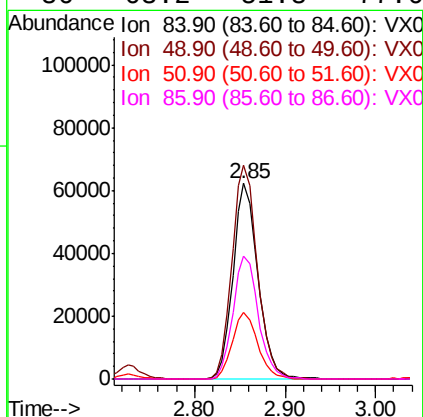
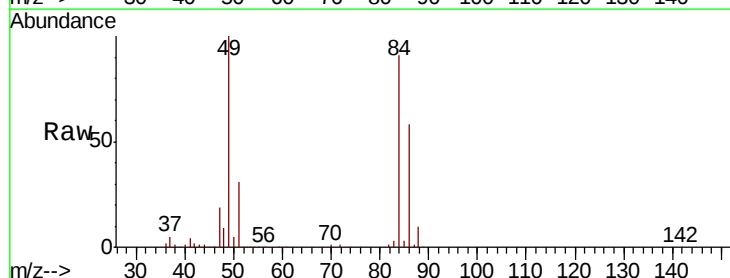
Instrument :
MSVOA_X
ClientSampleId :

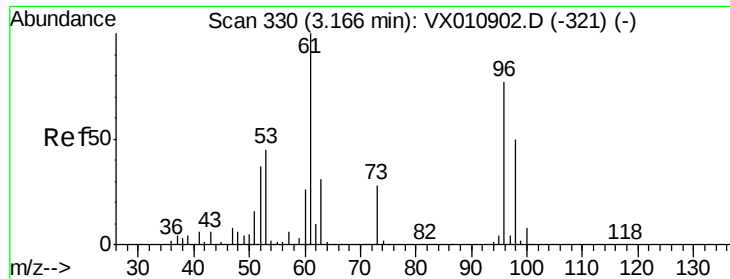
Tot Ion: 73 Resp: 349884
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9



#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

ClientSampled :

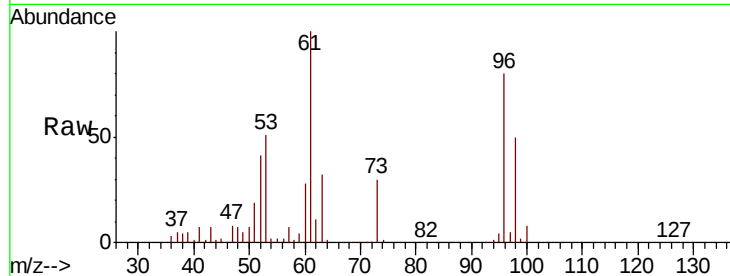
Tot Ion: 96 Resp: 111067

Ion Ratio Lower Upper

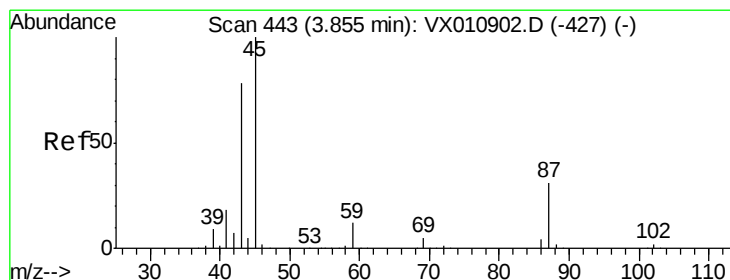
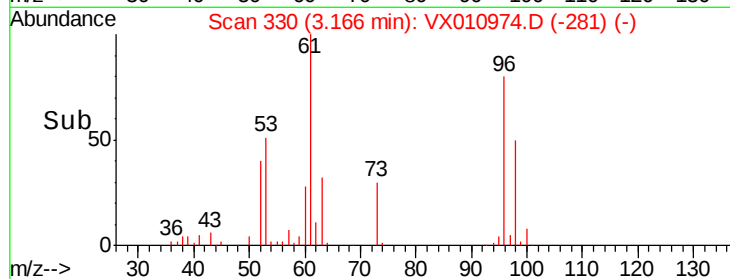
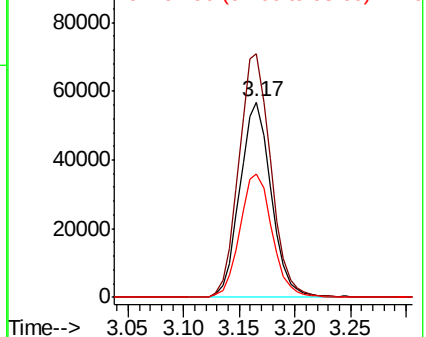
96 100

61 124.4 104.2 156.2

98 62.8 52.2 78.4



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



#22

Diisopropyl ether

Concen: 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

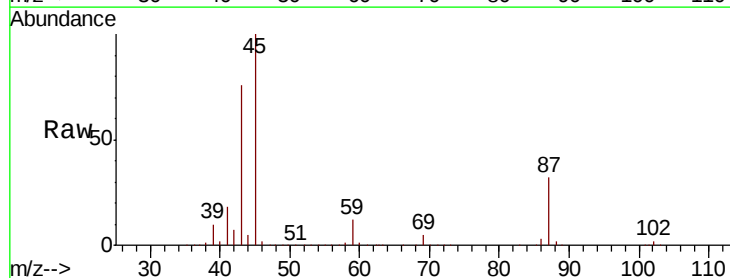
Ion Ratio Lower Upper

45 100

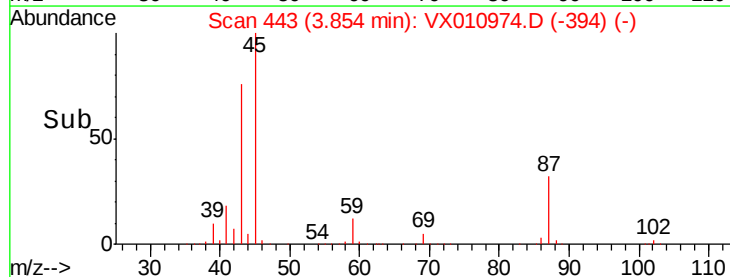
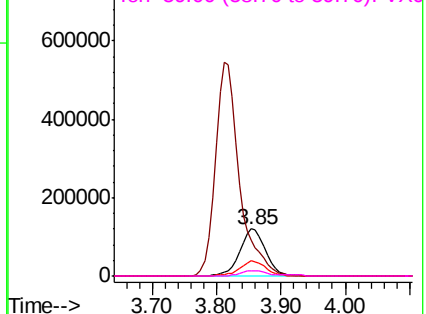
43 75.4 62.3 93.5

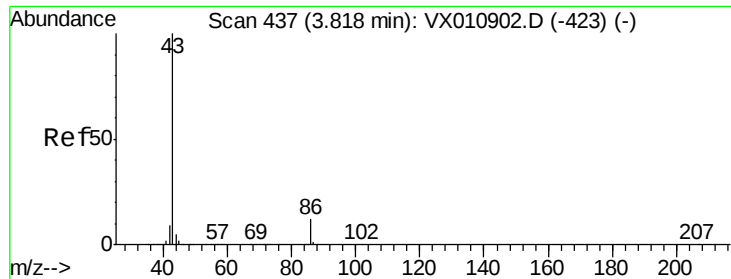
87 31.7 25.0 37.4

59 11.6 9.9 14.9



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0

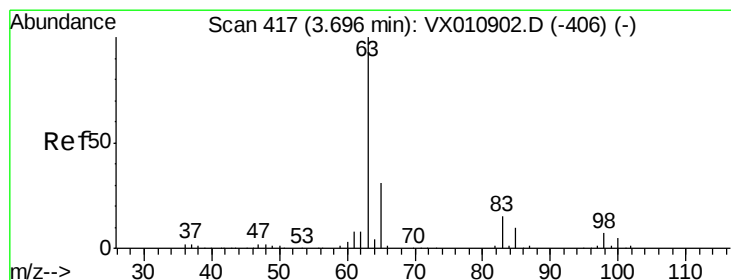
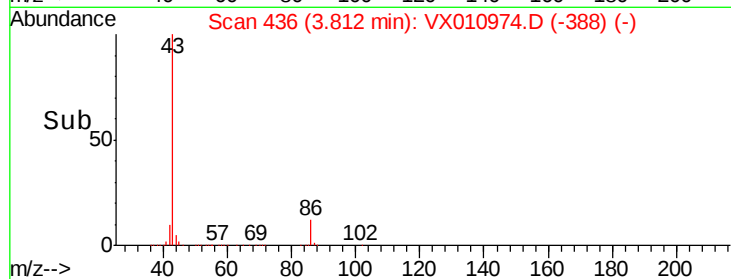
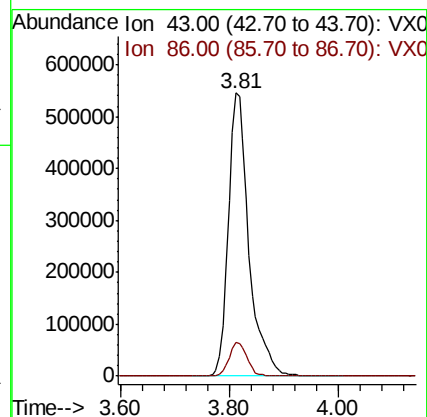
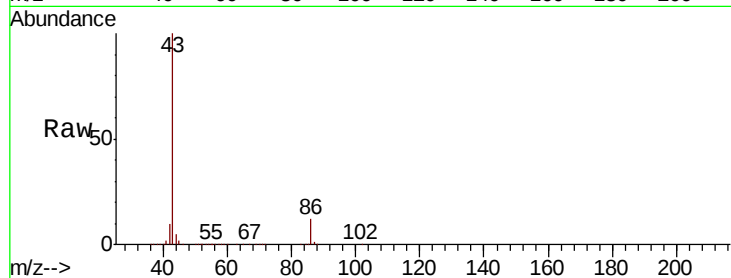




#23
 Vinyl Acetate
 Concen: 269.962 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

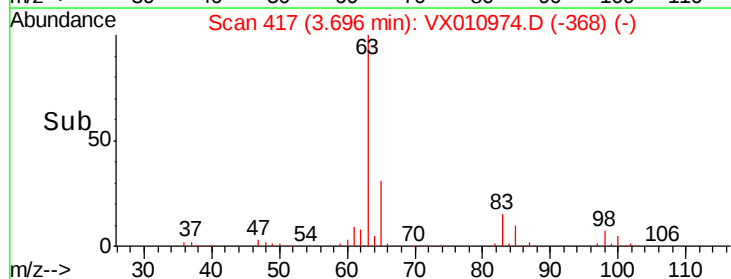
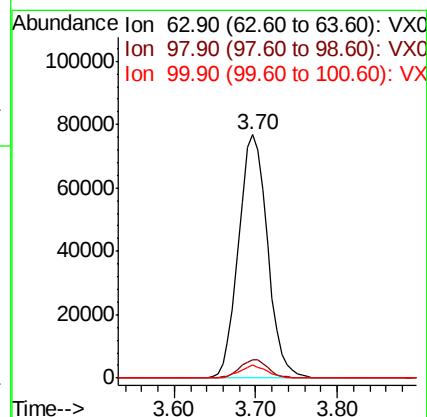
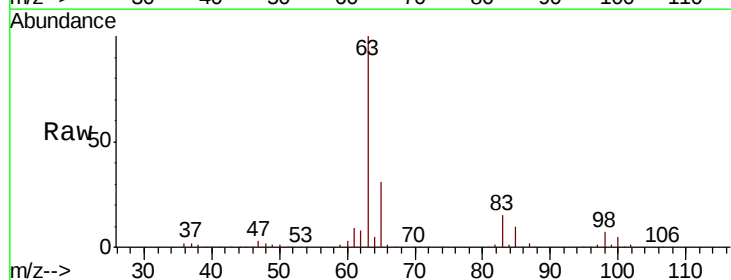
Instrument :
 MSVOA_X
 ClientSampleId :

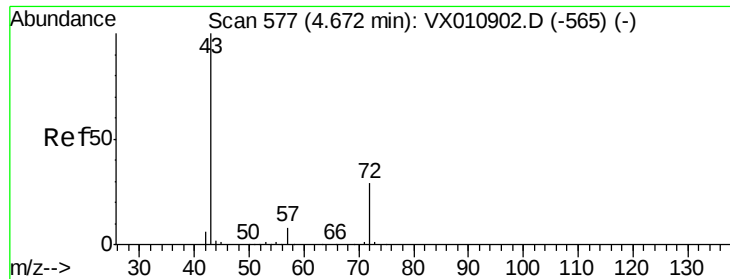
Tot Ion: 43 Resp: 1428740
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.4 14.0



#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

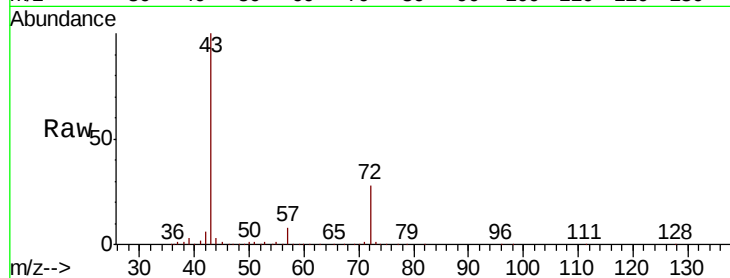
ClientSampleId :

Tot Ion: 43 Resp: 412496

Ion Ratio Lower Upper

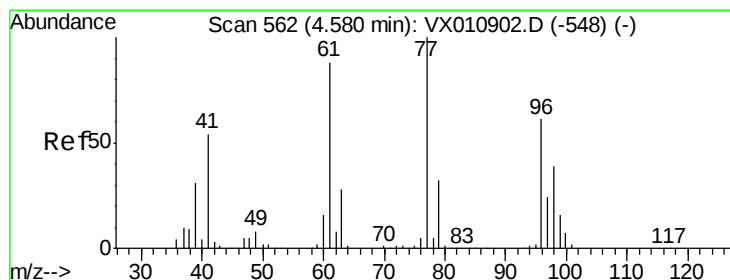
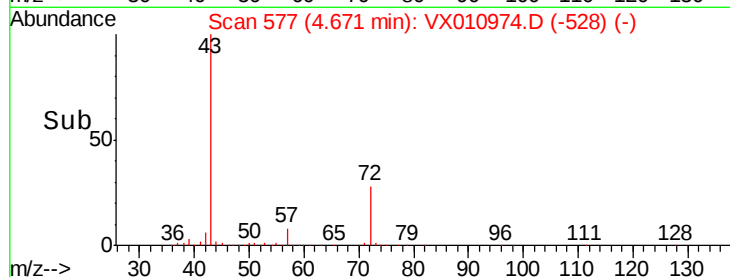
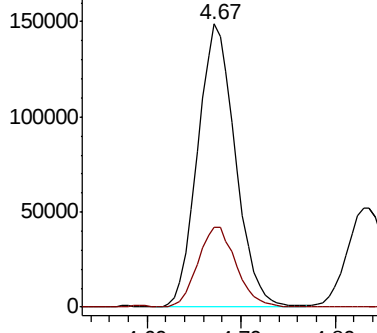
43 100

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



#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

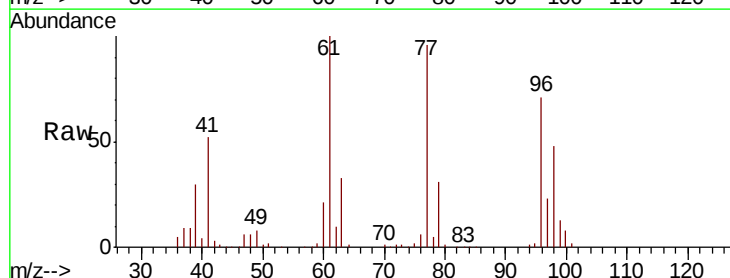
Acq: 18 Jul 2019 21:12

Tgt Ion: 77 Resp: 133292

Ion Ratio Lower Upper

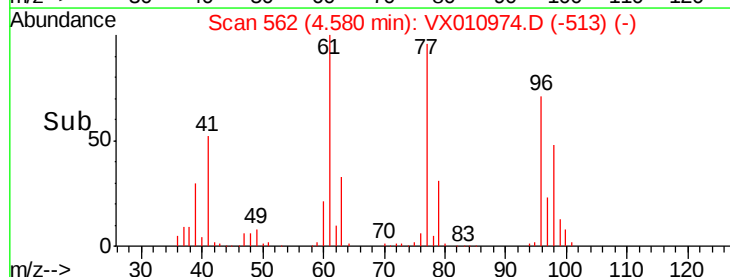
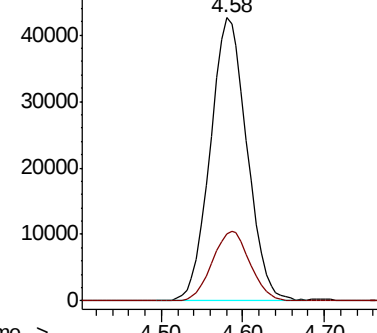
77 100

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



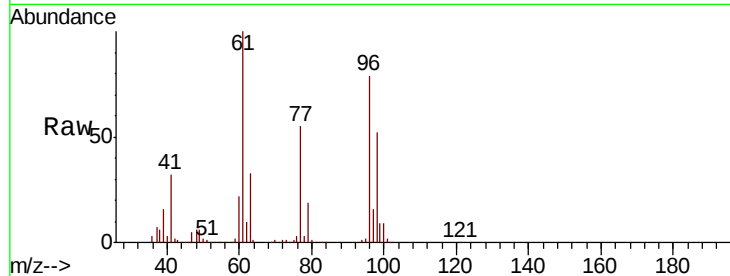


#27

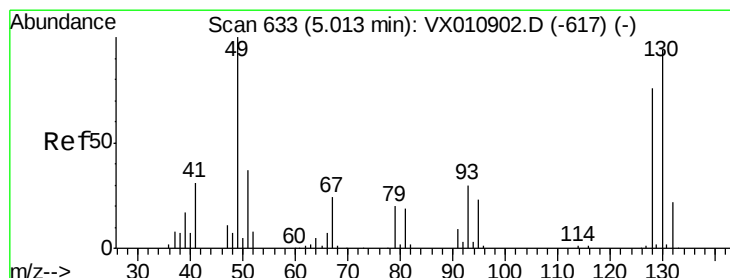
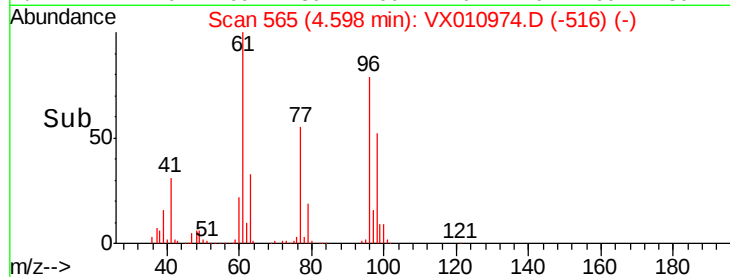
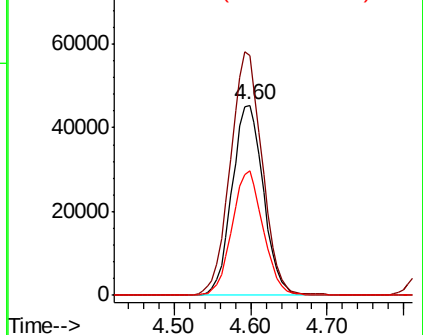
cis-1,2-Dichloroethene
Concen: 51.551 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Instrument :
MSVOA_X
ClientSampleId :

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



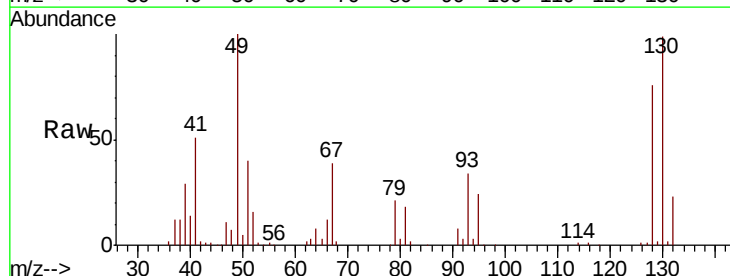
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



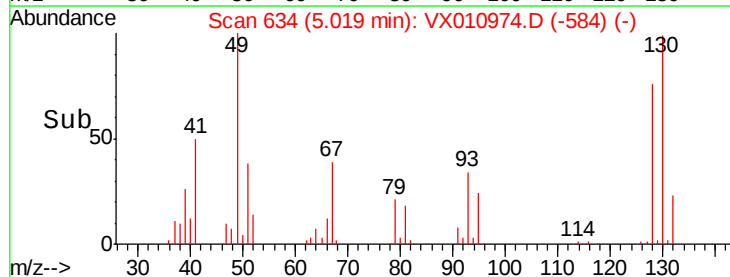
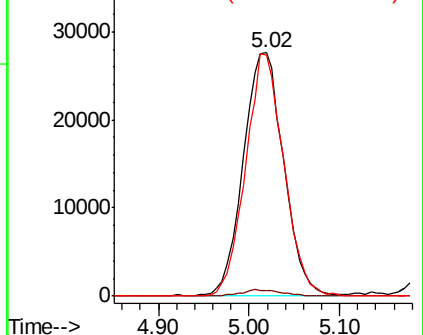
#28

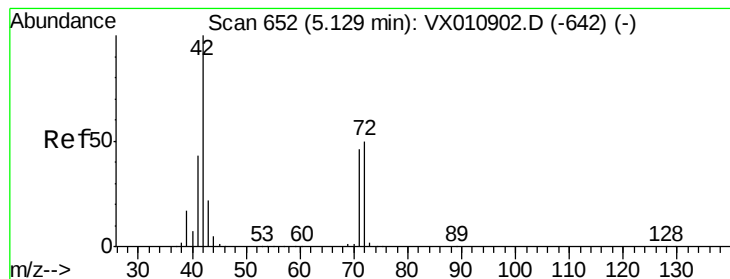
Bromochloromethane
Concen: 49.464 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

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 :

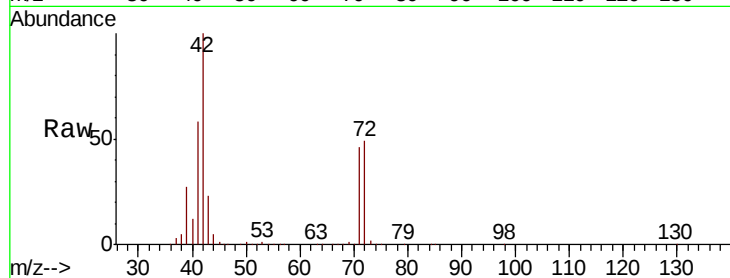
Tot Ion: 42 Resp: 264448

Ion Ratio Lower Upper

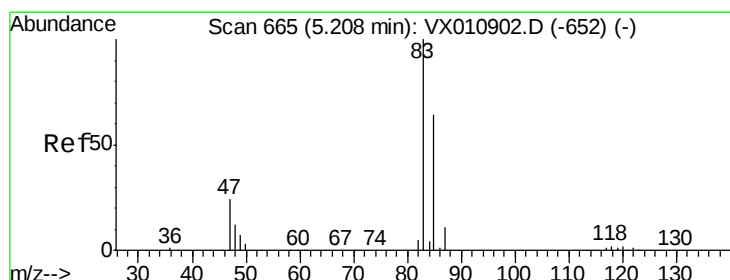
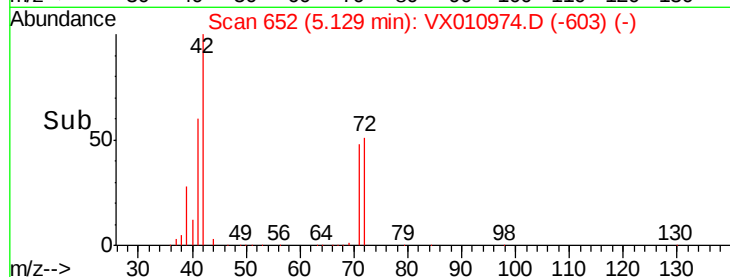
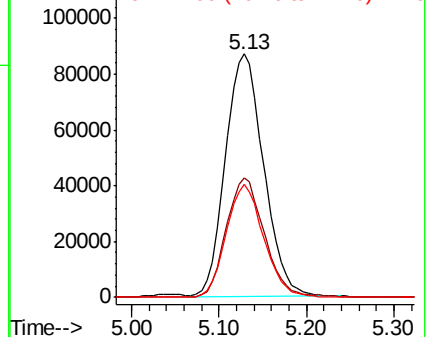
42 100

72 49.5 39.8 59.8

71 45.8 37.0 55.4



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 52.259 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010974.D

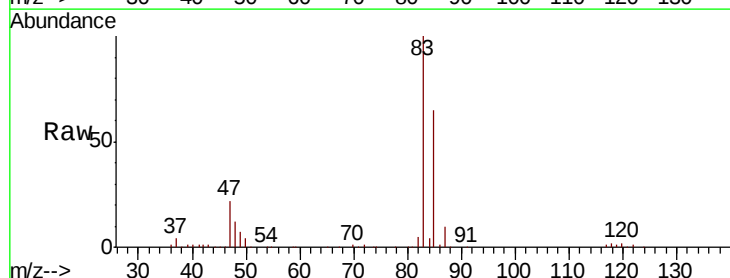
Acq: 18 Jul 2019 21:12

Tgt Ion: 83 Resp: 204903

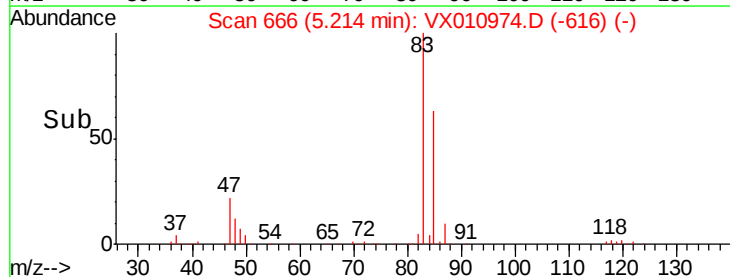
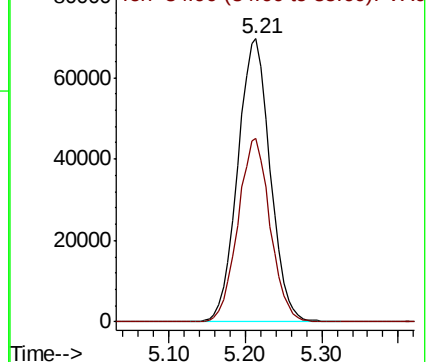
Ion Ratio Lower Upper

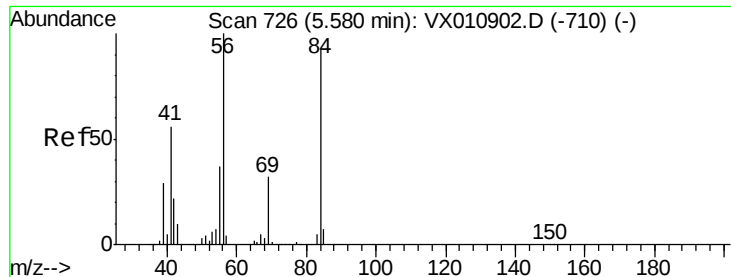
83 100

85 64.9 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

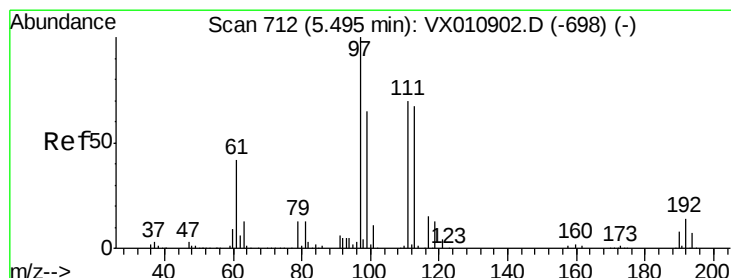
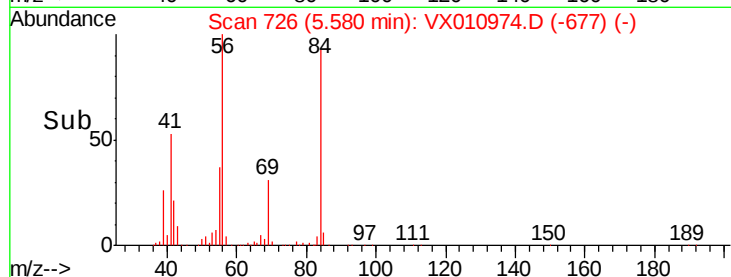
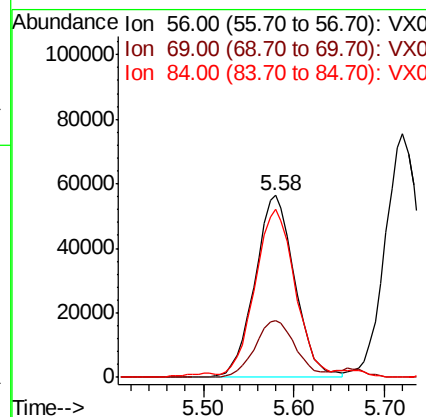
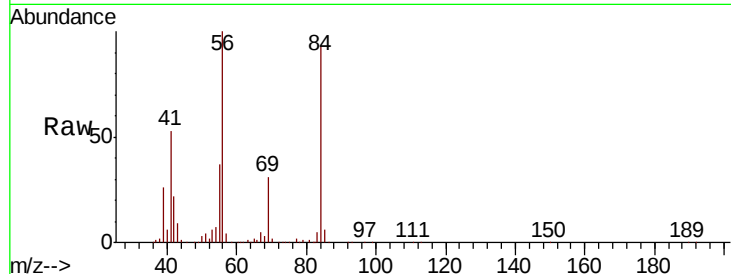




#31
Cyclohexane
Concen: 51.737 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

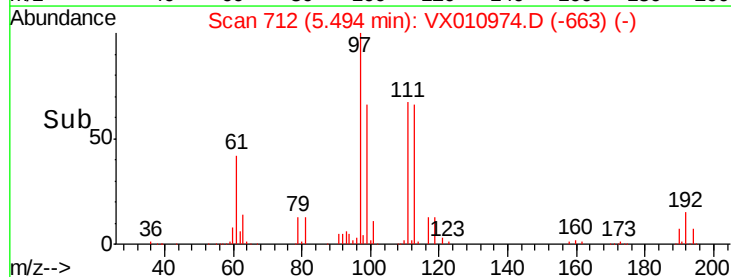
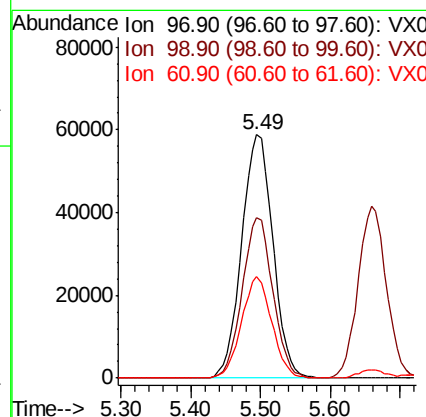
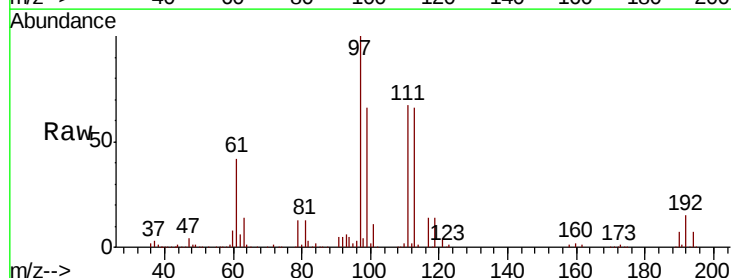
Instrument :
MSVOA_X
ClientSampleId :

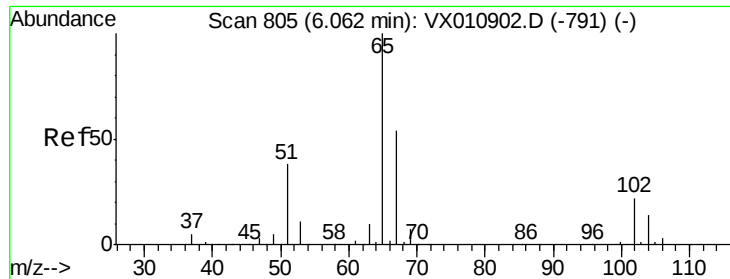
Tot Ion: 56 Resp: 171064
Ion Ratio Lower Upper
56 100
69 31.1 25.8 38.8
84 90.8 73.8 110.6



#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





#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

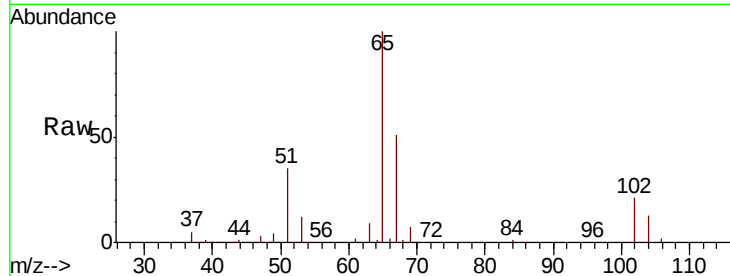
ClientSampled :

Tot Ion: 65 Resp: 128647

Ion Ratio Lower Upper

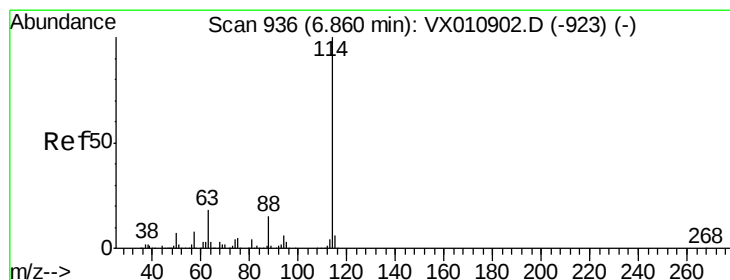
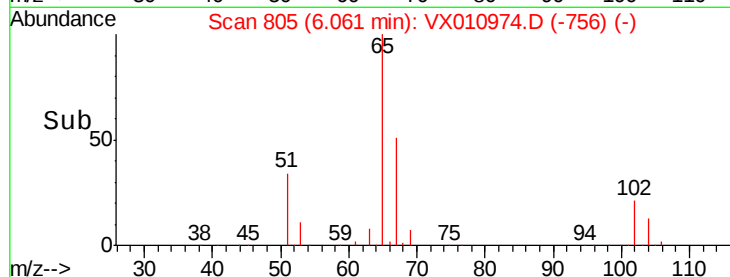
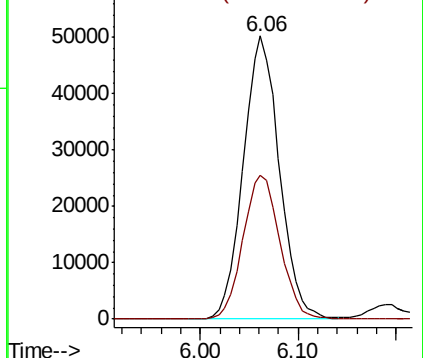
65 100

67 52.0 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

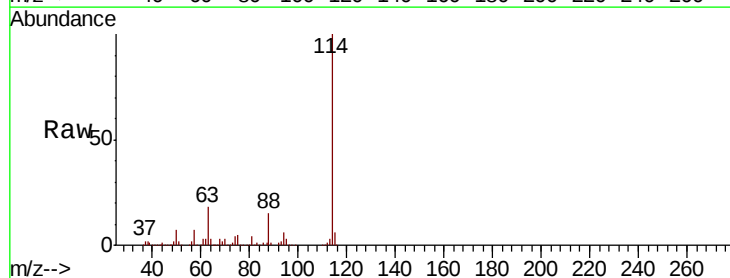
Tgt Ion:114 Resp: 348485

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.6

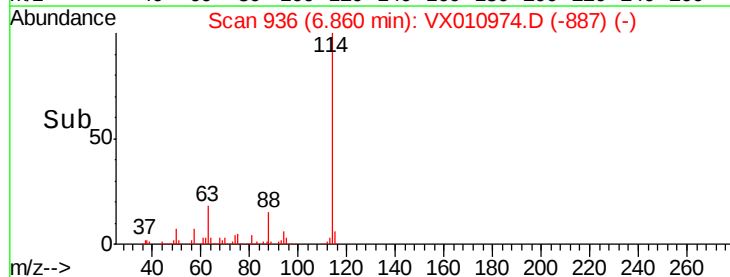
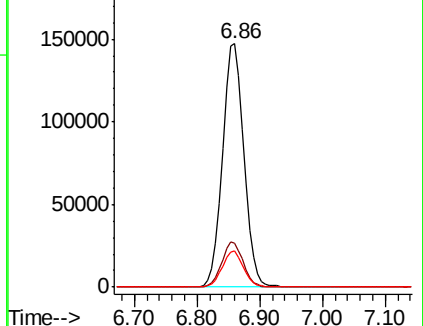
88 15.1 0.0 29.8

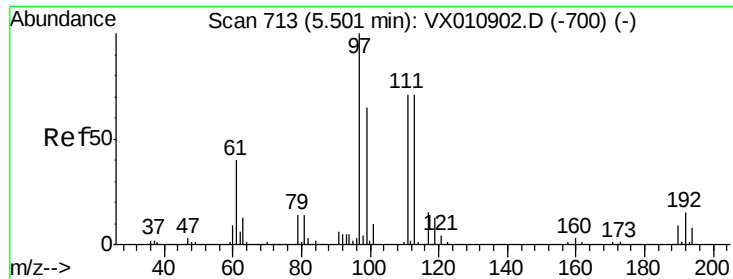


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

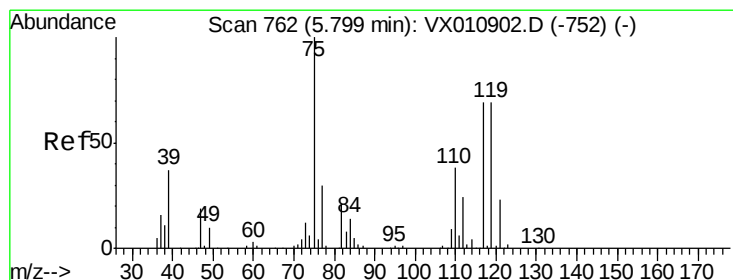
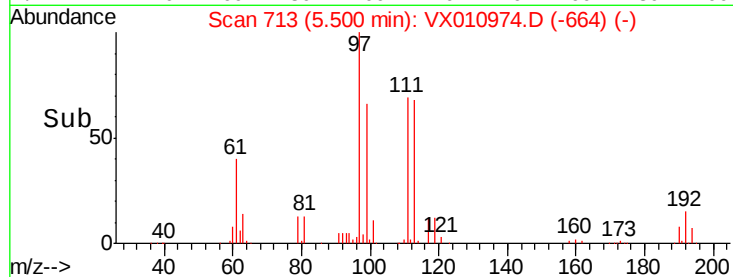
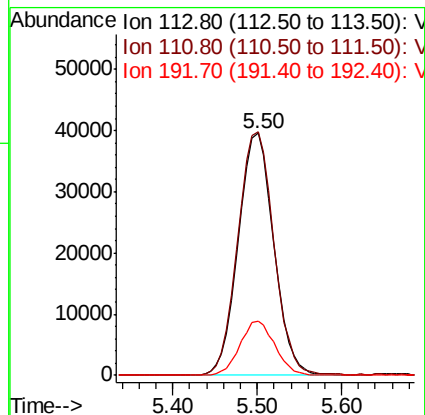
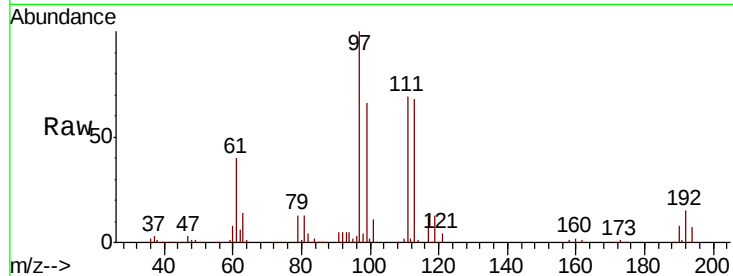




#35
 Dibromofluoromethane
 Concen: 50.980 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

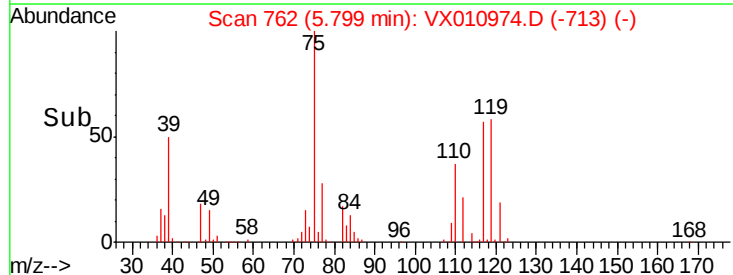
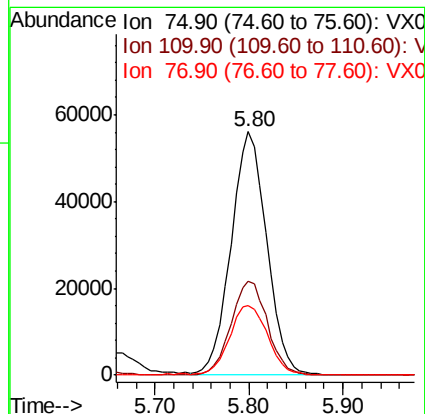
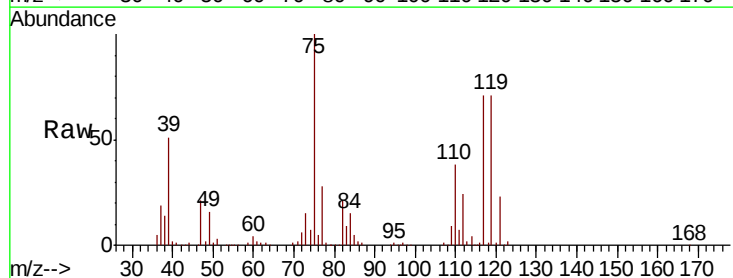
Instrument :
 MSVOA_X
 ClientSampleId :

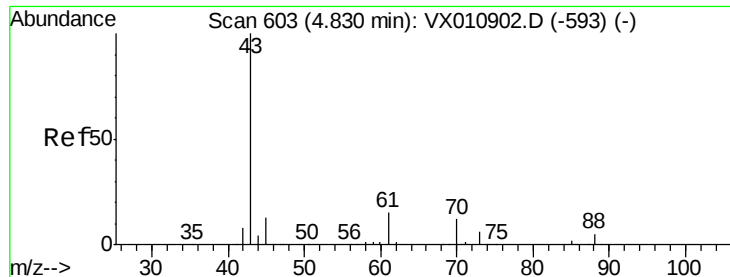
Tot Ion:113 Resp: 112763
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.3 123.5
 192 22.2 17.4 26.2



#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 :

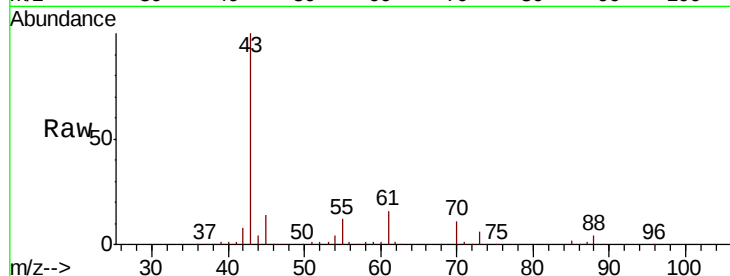
Tot Ion: 43 Resp: 155976

Ion Ratio Lower Upper

43 100

61 15.0 11.6 17.4

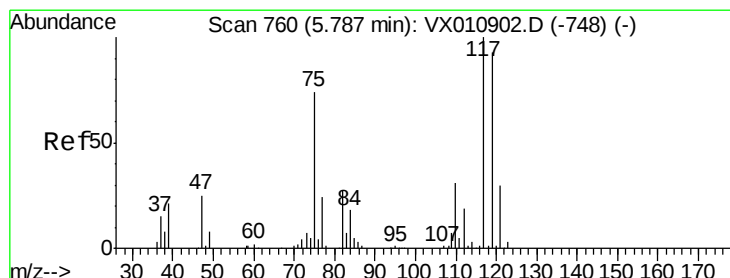
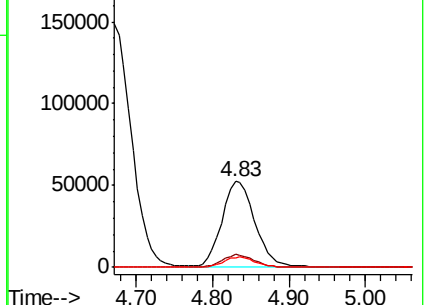
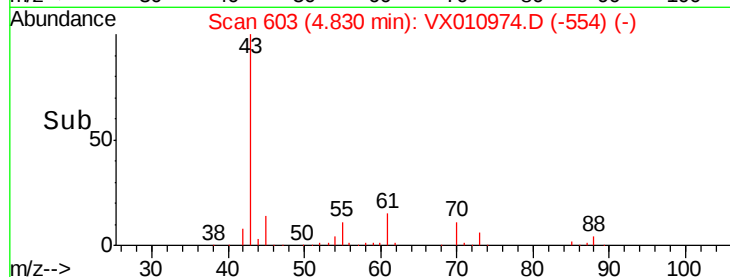
70 11.6 9.1 13.7



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

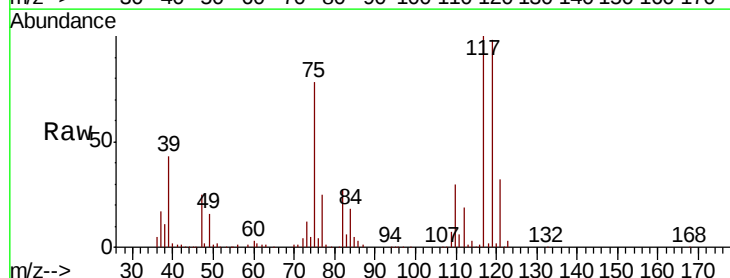
Tgt Ion: 117 Resp: 157811

Ion Ratio Lower Upper

117 100

119 98.3 74.2 111.2

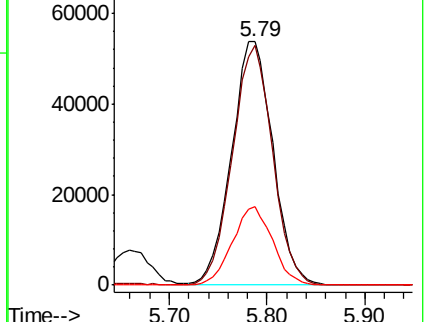
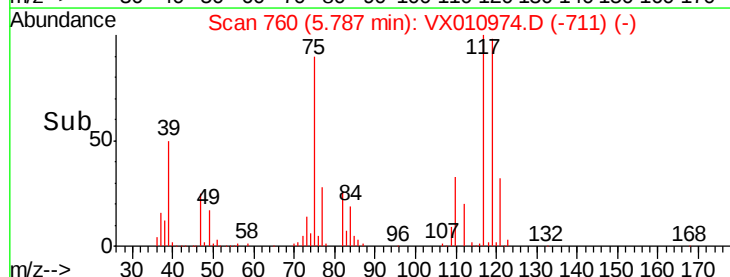
121 32.1 24.2 36.2

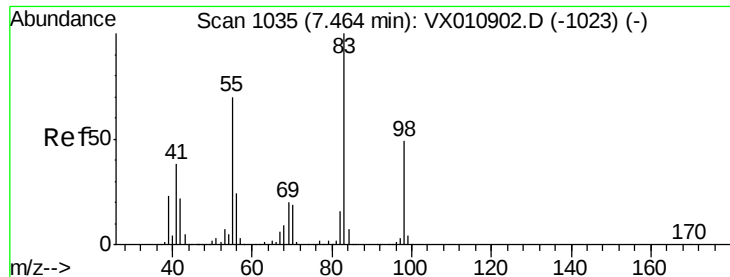


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

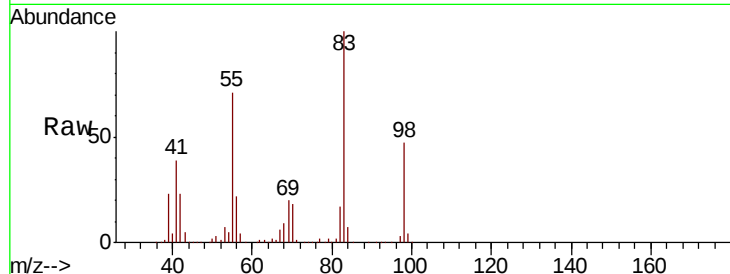




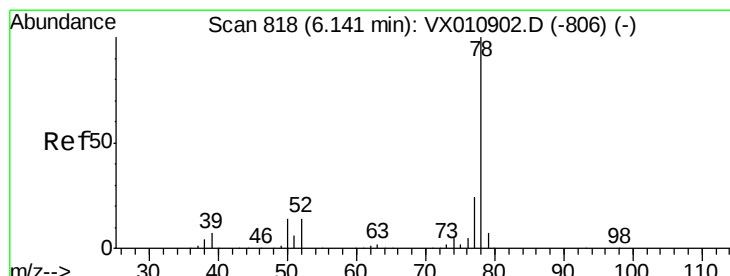
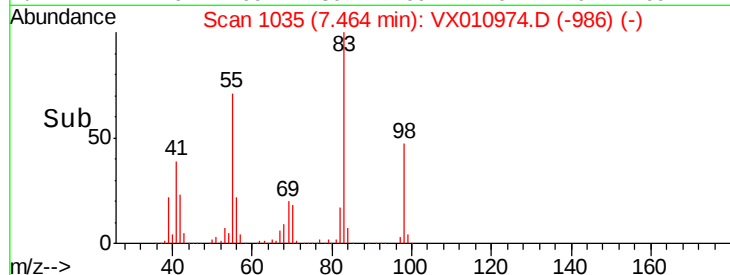
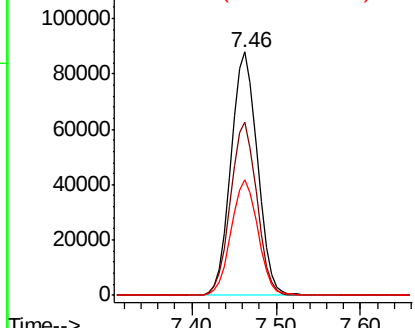
#39
Methvlcvclohexane
Concen: 50.405 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Instrument :
MSVOA_X
ClientSampled :

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

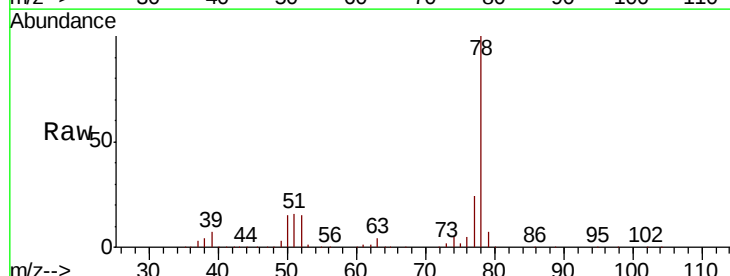


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

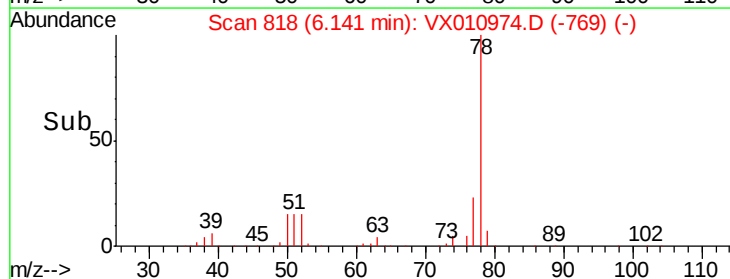
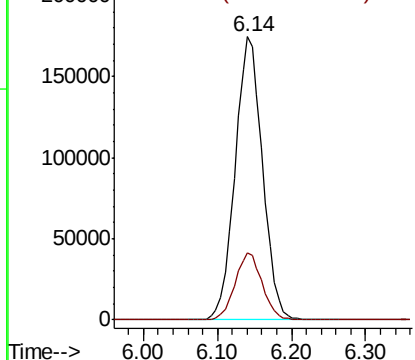


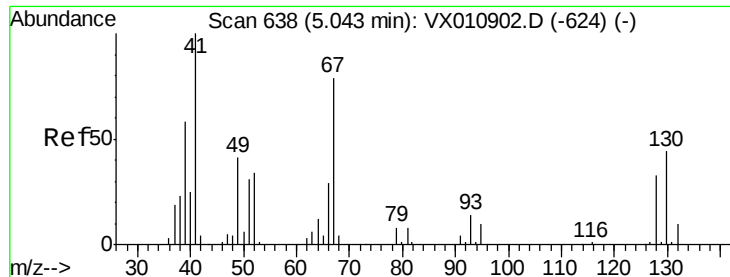
#40
Benzene
Concen: 51.207 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

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 :

Tot Ion: 41 Resp: 86934

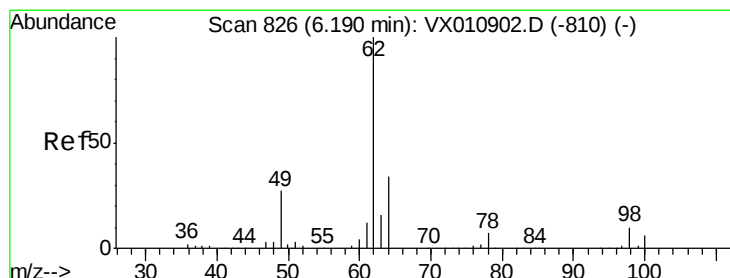
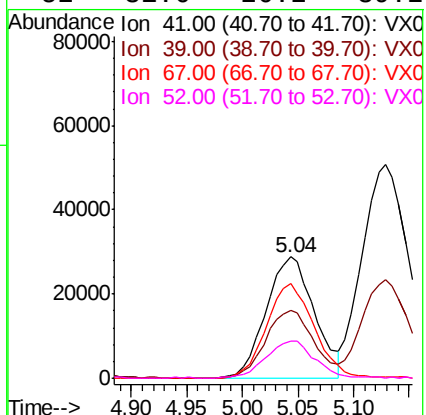
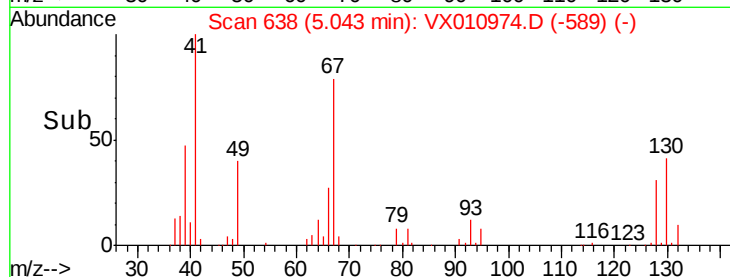
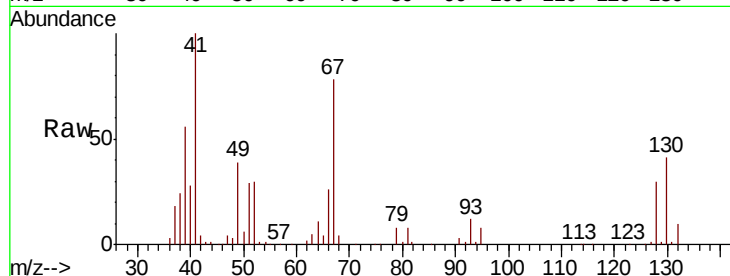
Ion Ratio Lower Upper

41 100

39 55.7 45.4 68.2

67 77.9 65.9 98.9

52 31.6 26.2 39.2



#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

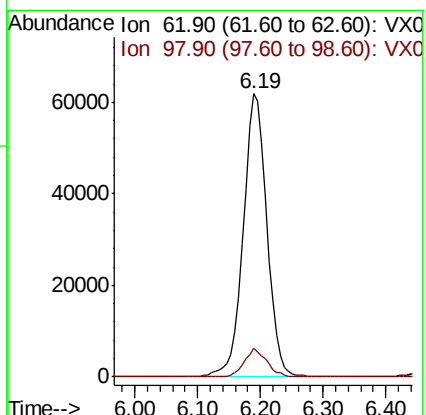
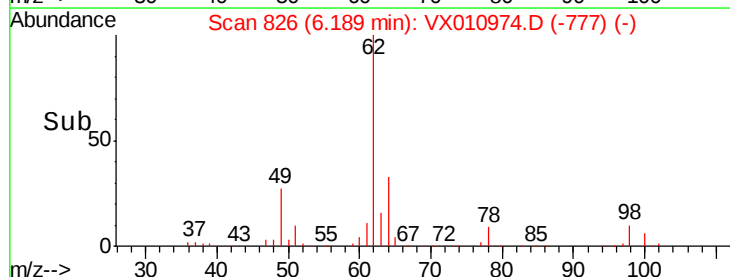
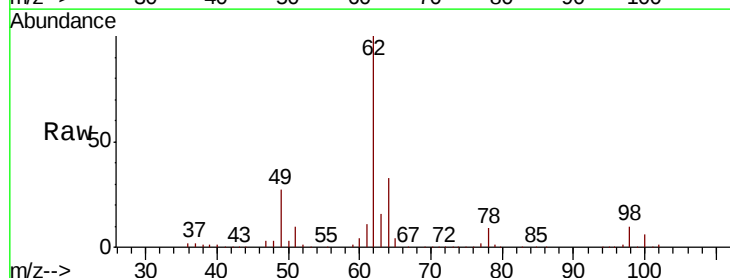
Acq: 18 Jul 2019 21:12

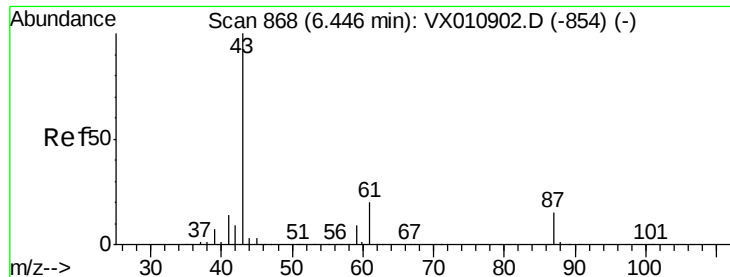
Tgt Ion: 62 Resp: 161459

Ion Ratio Lower Upper

62 100

98 9.5 0.0 20.0



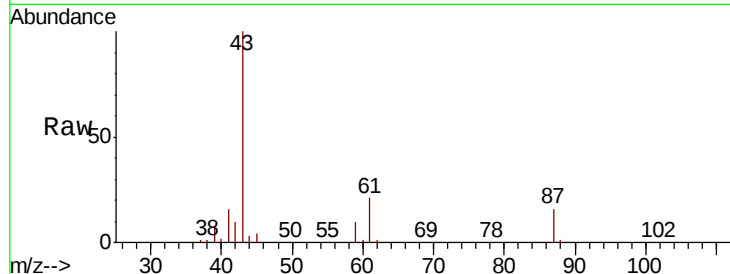


#43

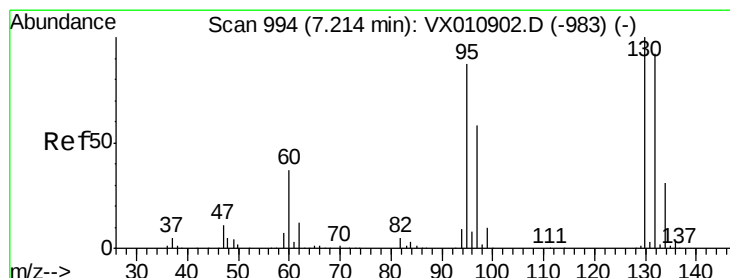
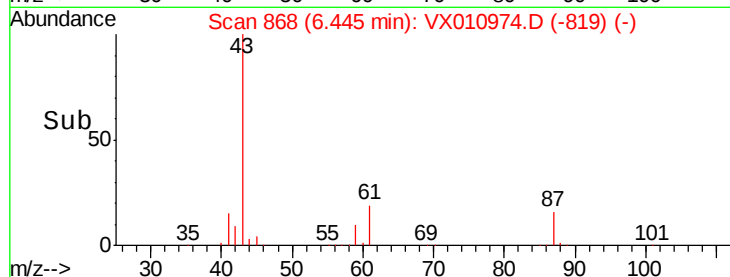
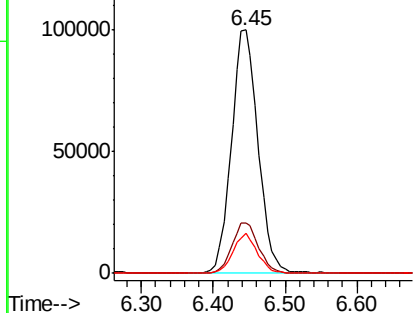
Isopropyl Acetate
 Concen: 52.996 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

Instrument :
 MSVOA_X
 ClientSampled :

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



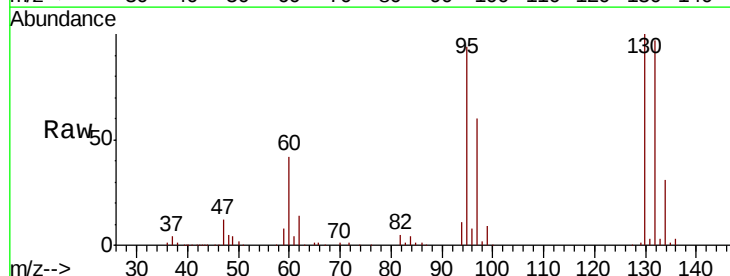
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



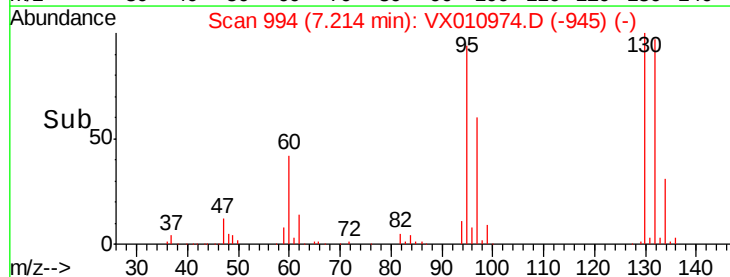
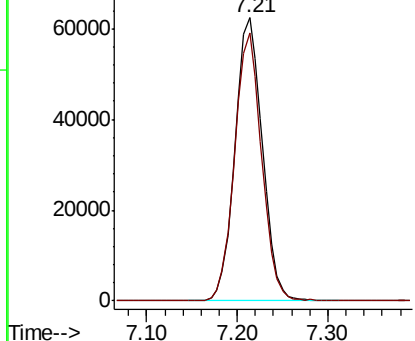
#44

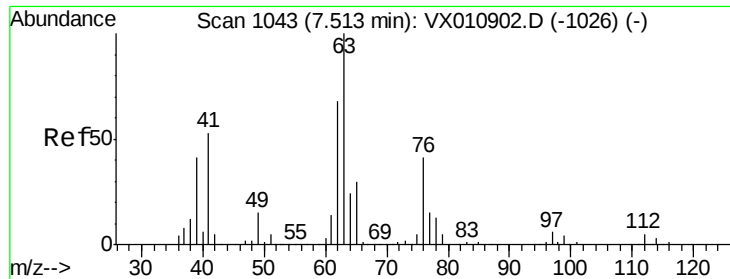
Trichloroethene
 Concen: 50.696 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

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

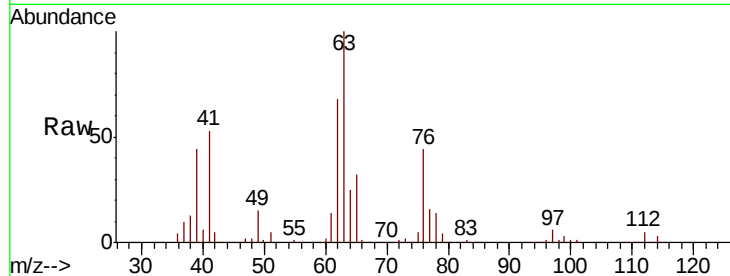
ClientSampleId :

Tot Ion: 63 Resp: 114340

Ion Ratio Lower Upper

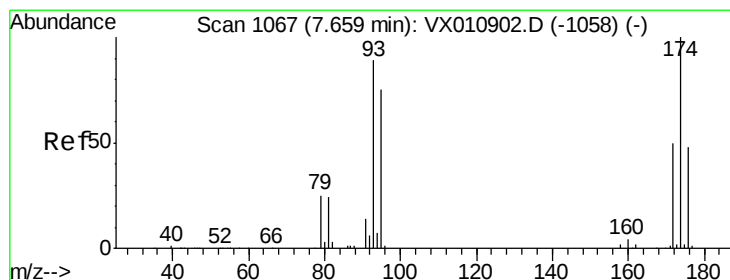
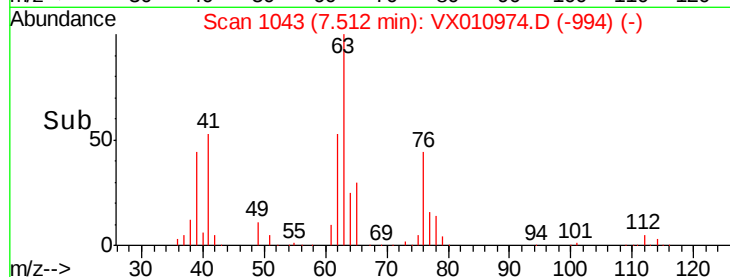
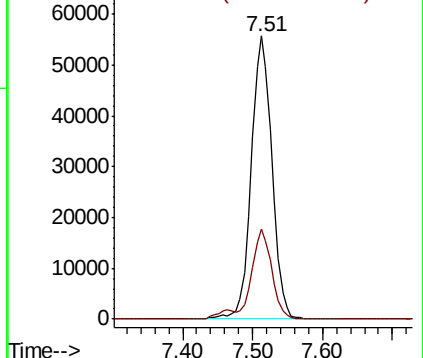
63 100

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

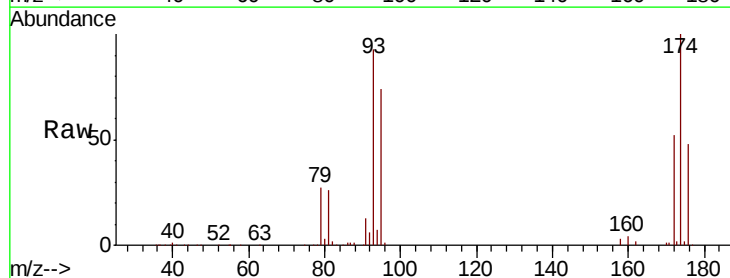
Tgt Ion: 93 Resp: 83243

Ion Ratio Lower Upper

93 100

95 84.5 67.2 100.8

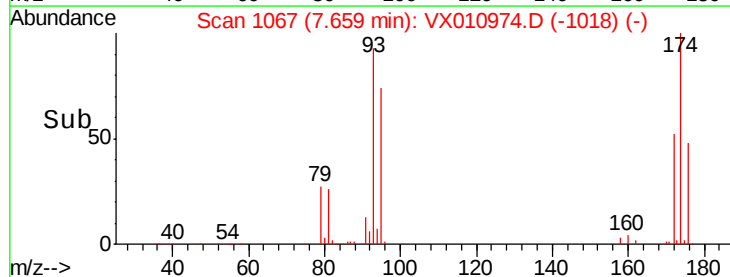
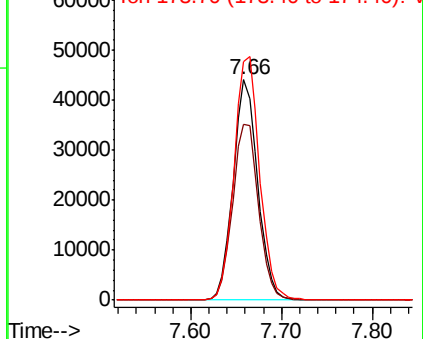
174 114.9 90.6 135.8

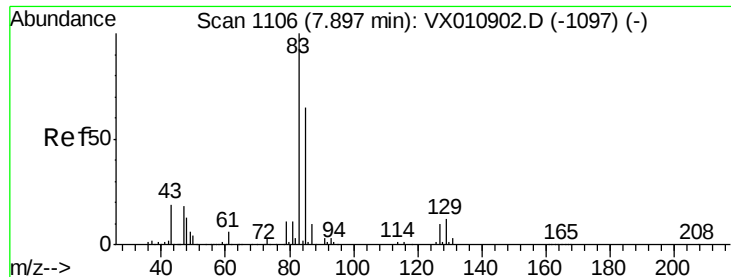


Abundance Ion 92.80 (92.50 to 93.50): VX0

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 :

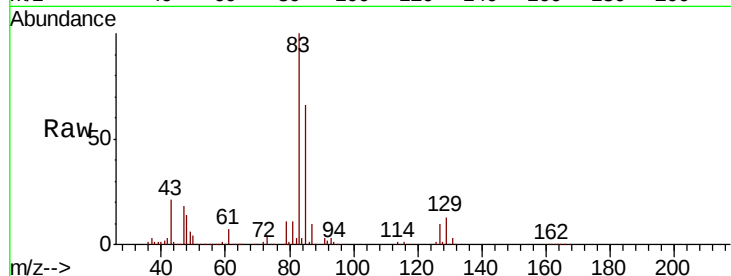
Tot Ion: 83 Resp: 153731

Ion Ratio Lower Upper

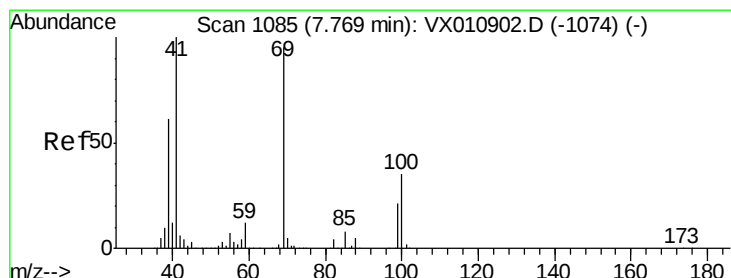
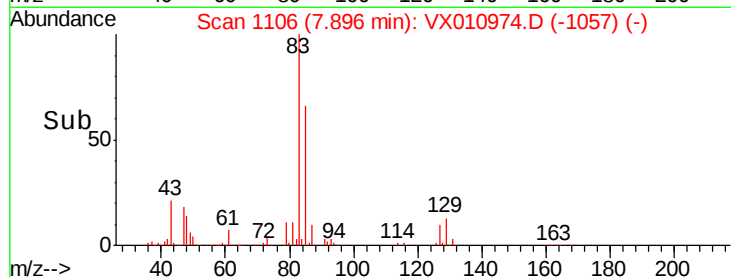
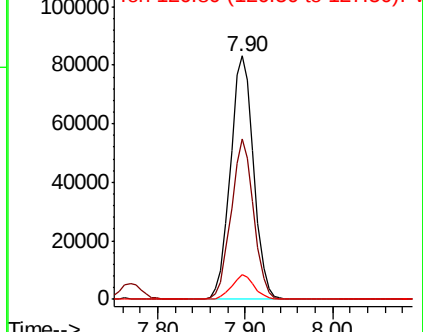
83 100

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

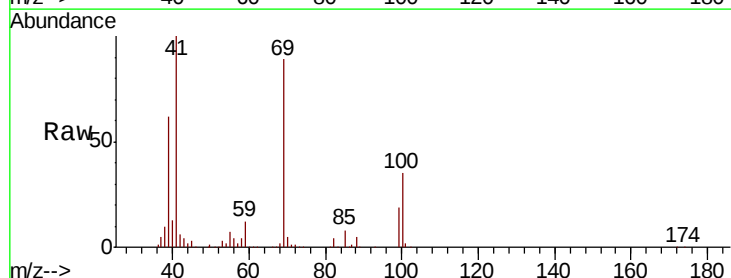
Tgt Ion: 41 Resp: 125397

Ion Ratio Lower Upper

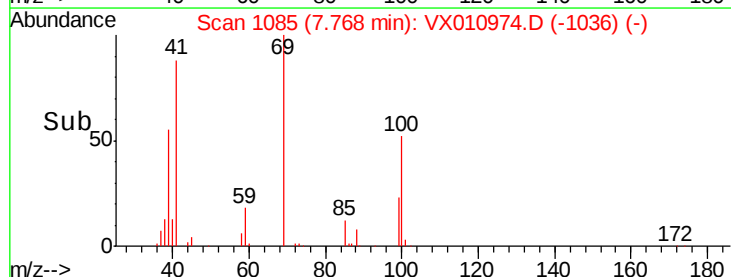
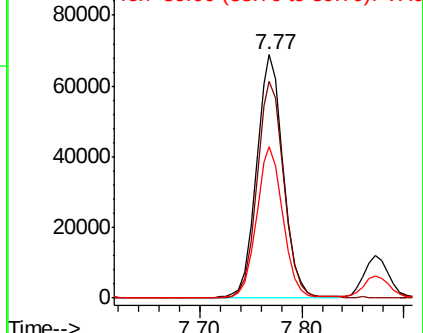
41 100

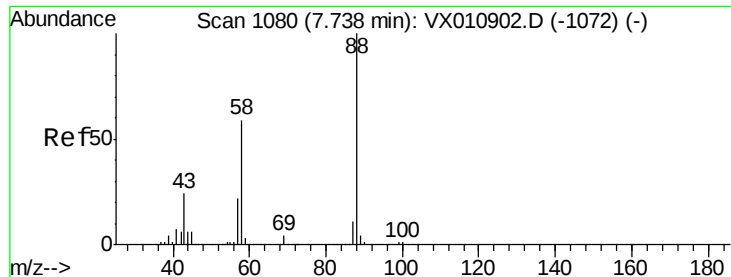
69 90.1 74.4 111.6

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

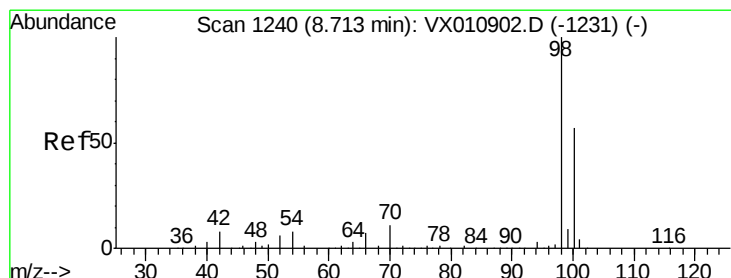
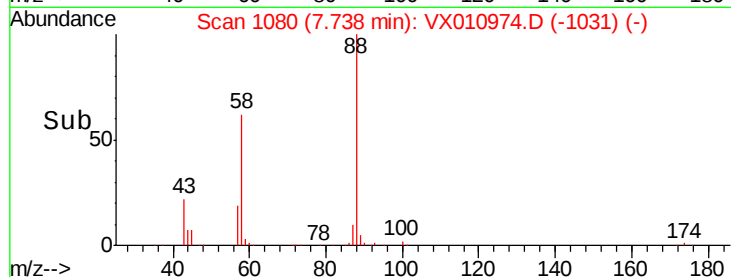
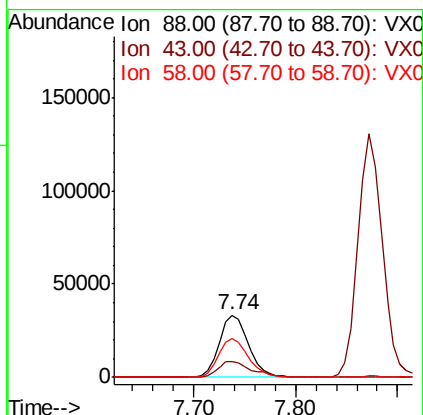
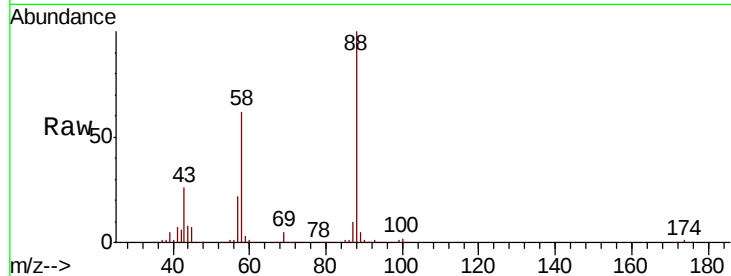




#49
1,4-Dioxane
Concen: 1010.907 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

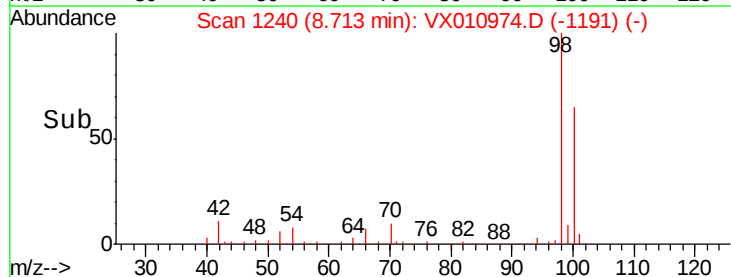
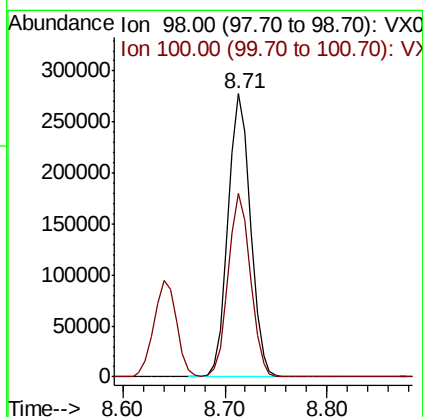
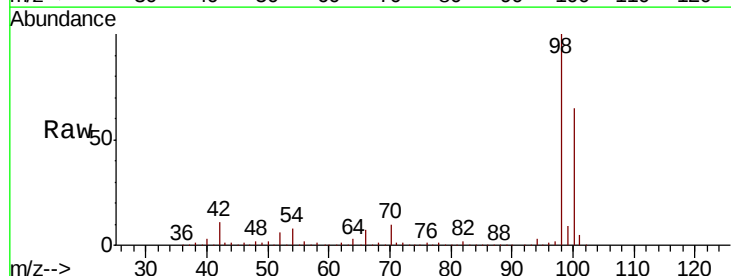
Instrument :
MSVOA_X
ClientSampleId :

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

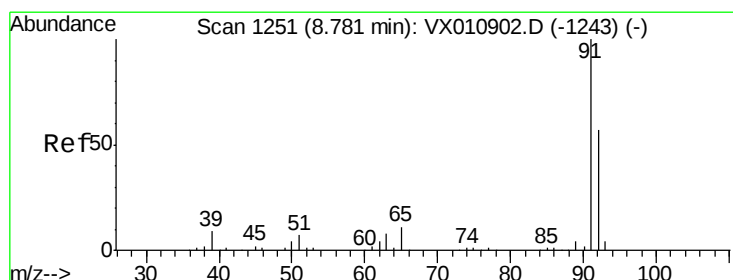
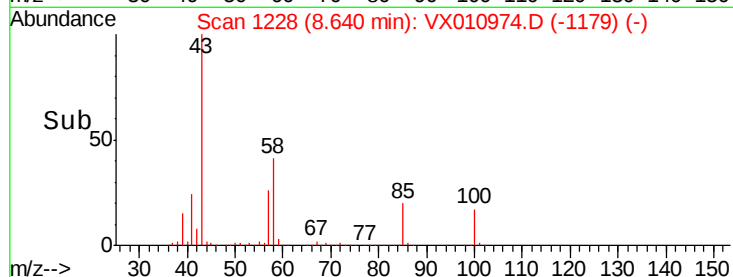
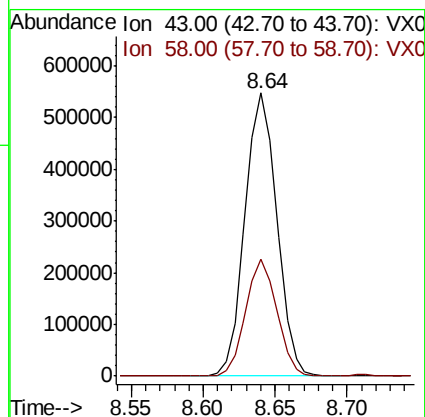
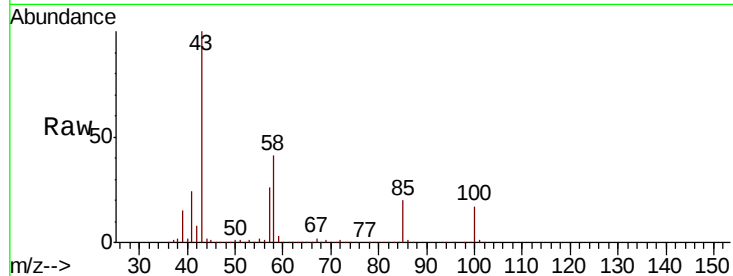




#51
 4-Methyl-2-Pentanone
 Concen: 269.329 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

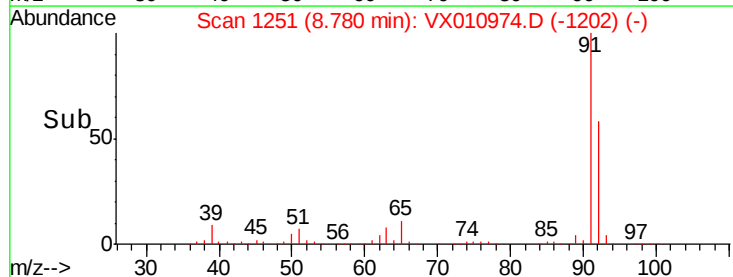
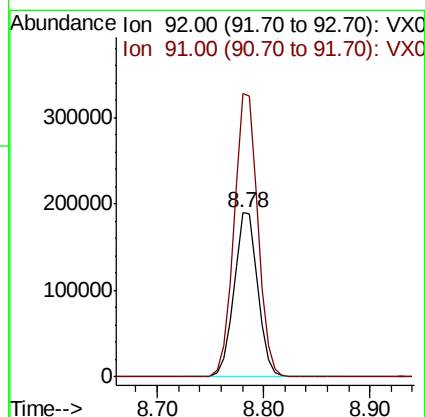
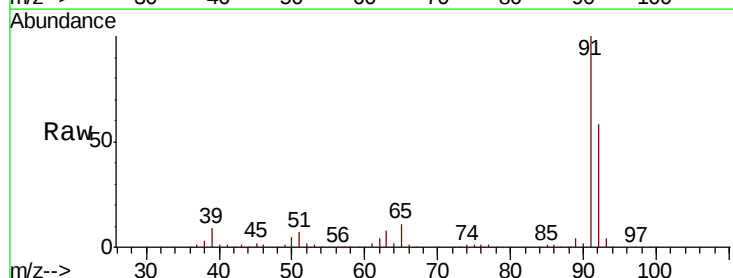
Instrument :
 MSVOA_X
 ClientSampled :

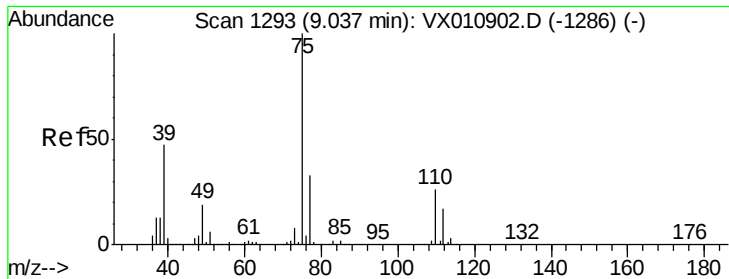
Tot Ion: 43 Resp: 841453
 Ion Ratio Lower Upper
 43 100
 58 40.5 32.2 48.4



#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

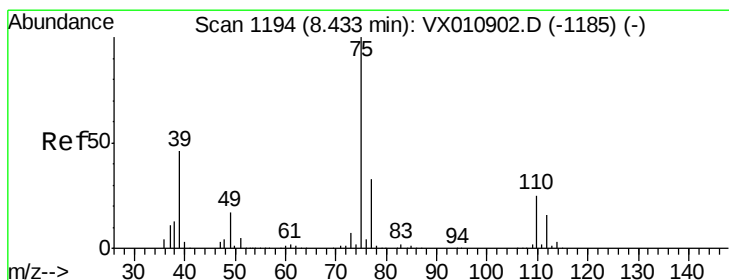
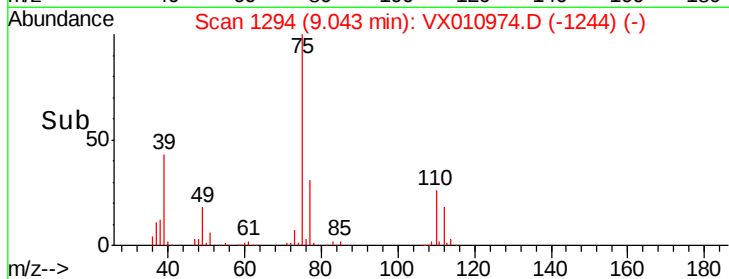
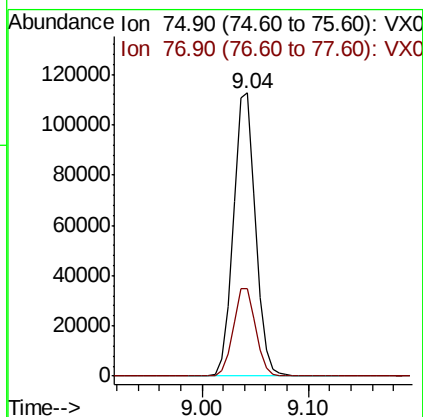
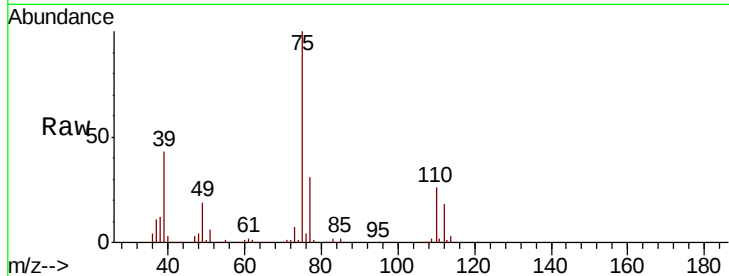




#53
 t-1,3-Dichloropropene
 Concen: 53.672 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

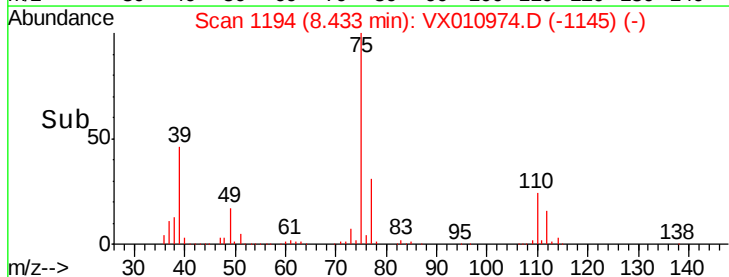
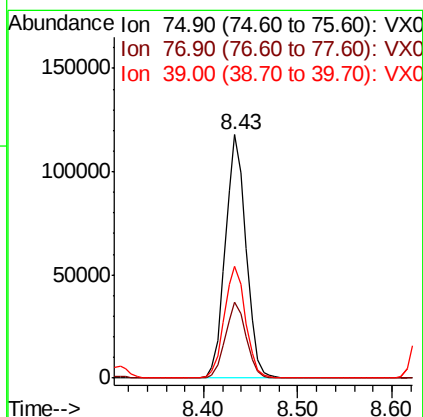
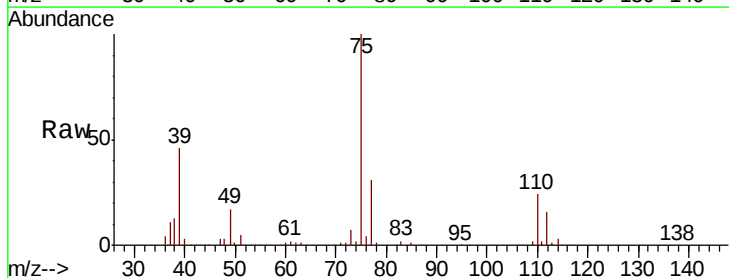
Instrument :
 MSVOA_X
 ClientSampleId :

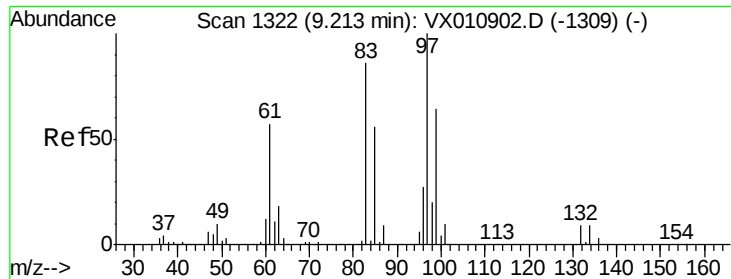
Tot Ion: 75 Resp: 163825
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.2 39.2



#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

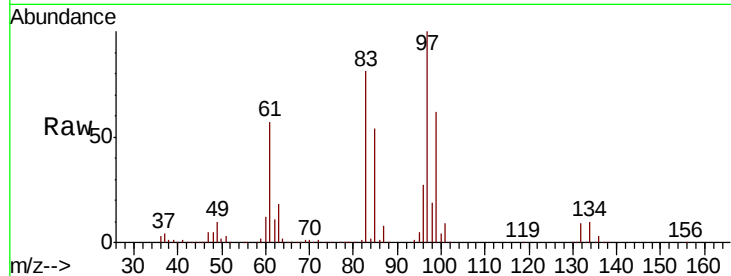




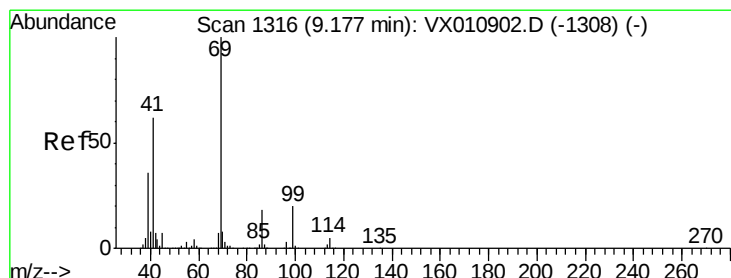
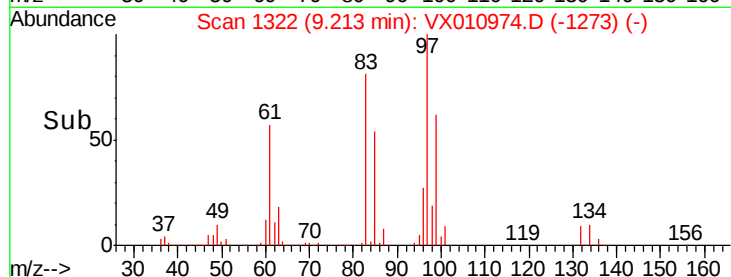
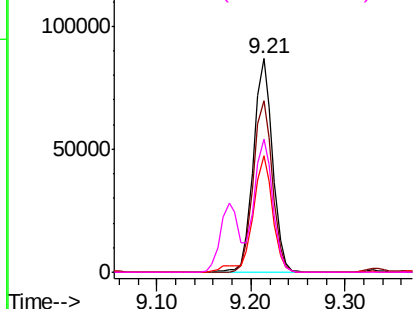
#55
 1,1,2-Trichloroethane
 Concen: 52.817 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	125269
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

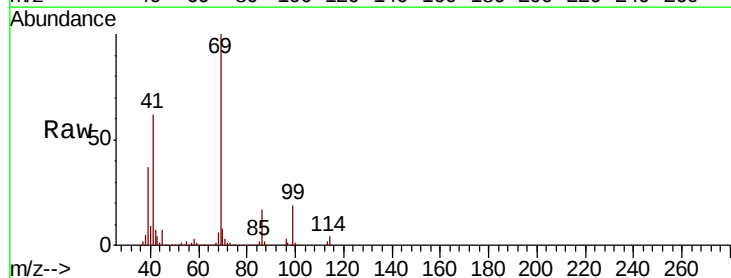


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

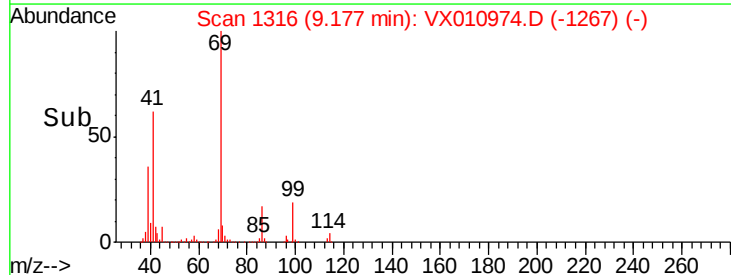
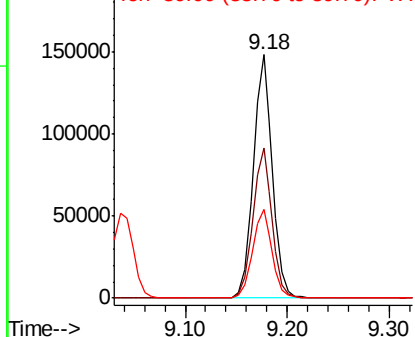


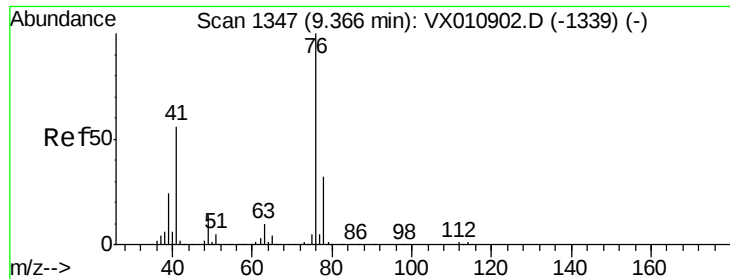
#56
 Ethyl methacrylate
 Concen: 55.738 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

Tgt Ion:	69	Resp:	193371
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

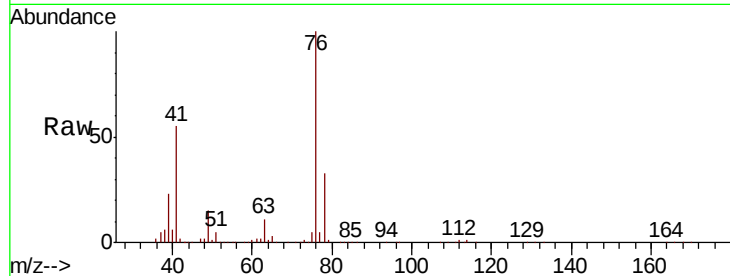
ClientSampleId :

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

9.37

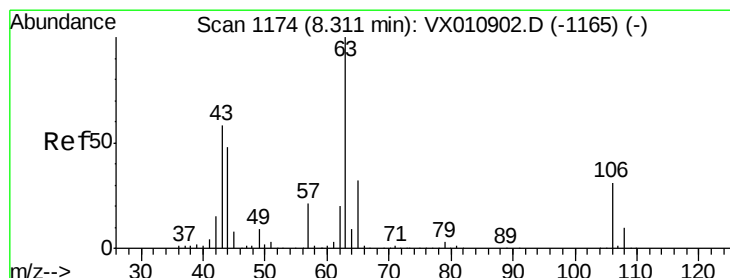
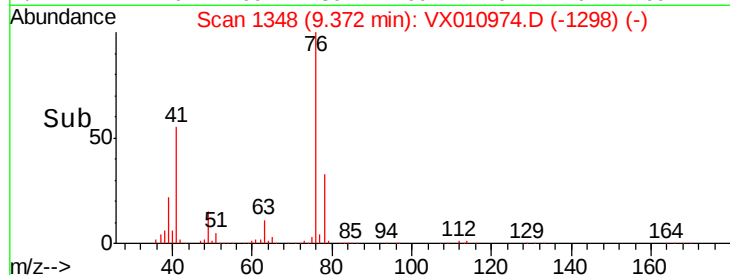
150000

100000

50000

0

Time-->



#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

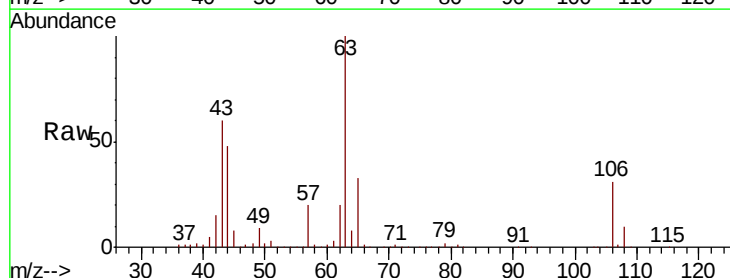
Acq: 18 Jul 2019 21:12

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

8.31

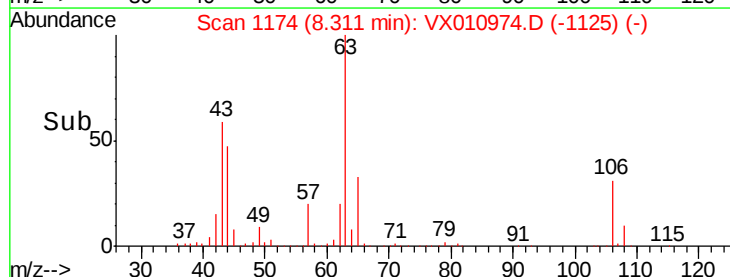
300000

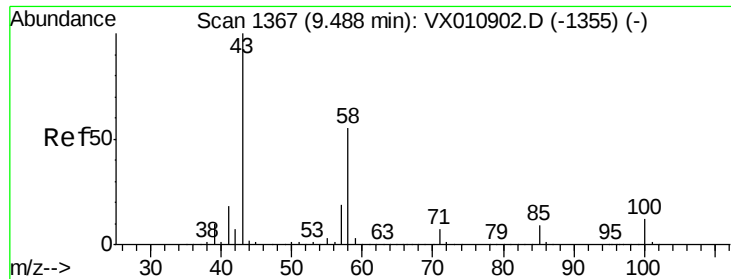
200000

100000

0

Time-->

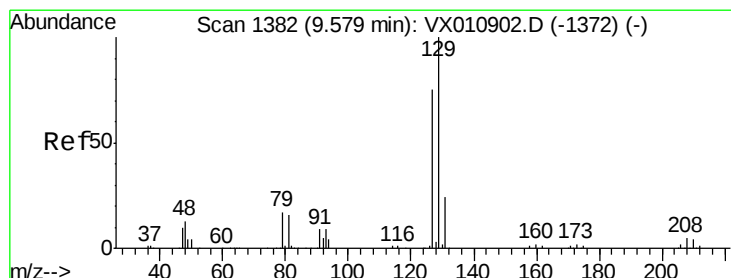
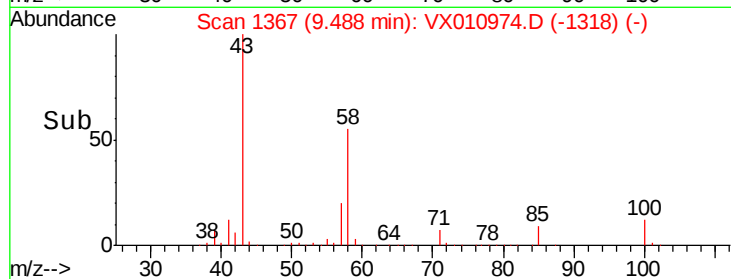
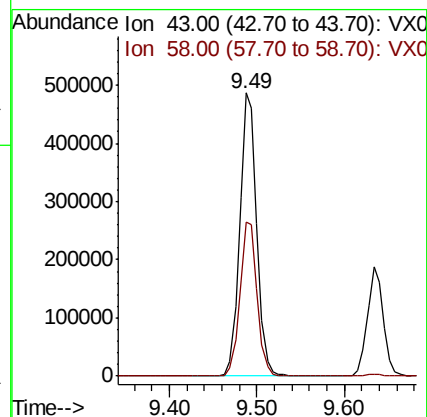
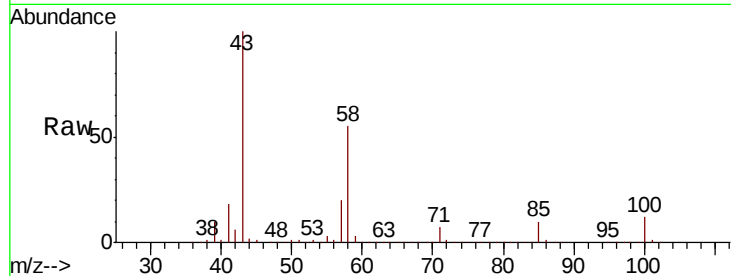




#59
2-Hexanone
Concen: 271.969 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

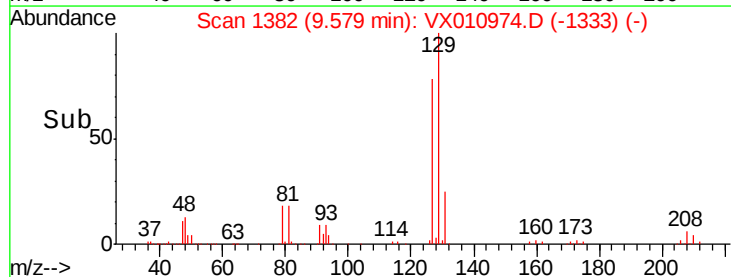
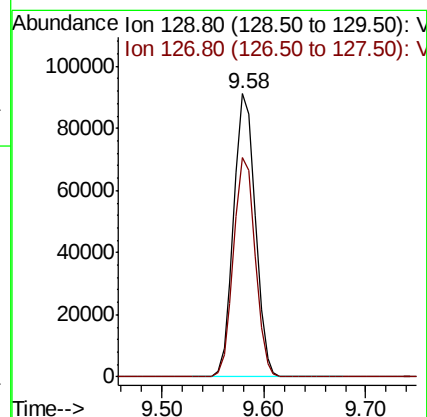
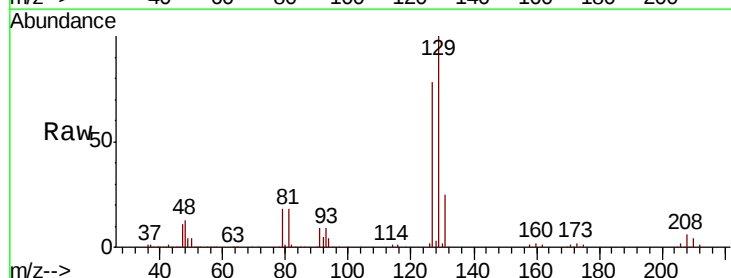
Instrument :
MSVOA_X
ClientSampleId :

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

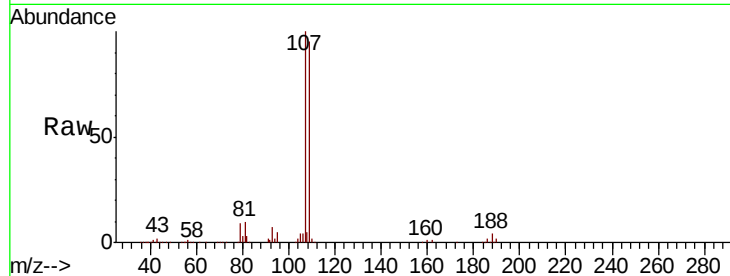
ClientSampleId :

Tot Ion:107 Resp: 133817

Ion Ratio Lower Upper

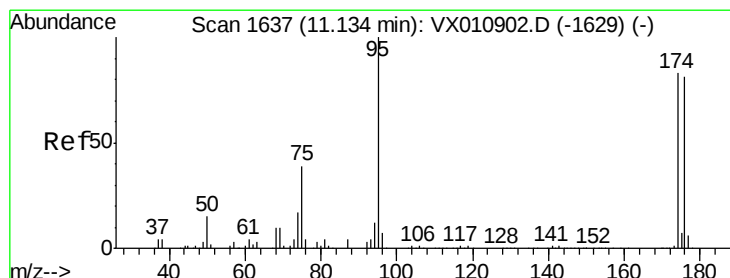
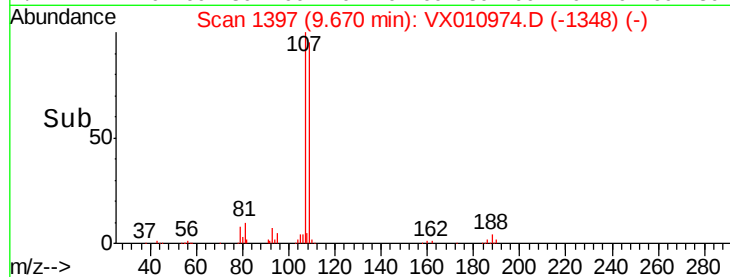
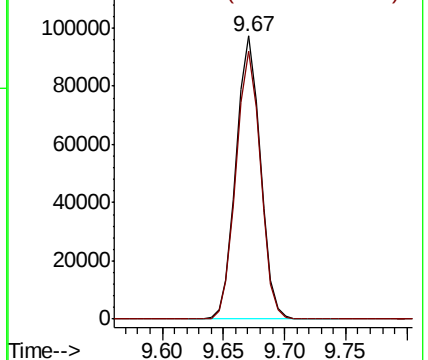
107 100

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

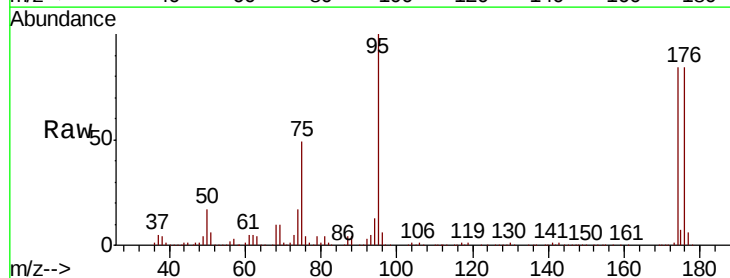
Tgt Ion: 95 Resp: 162577

Ion Ratio Lower Upper

95 100

174 88.6 0.0 180.6

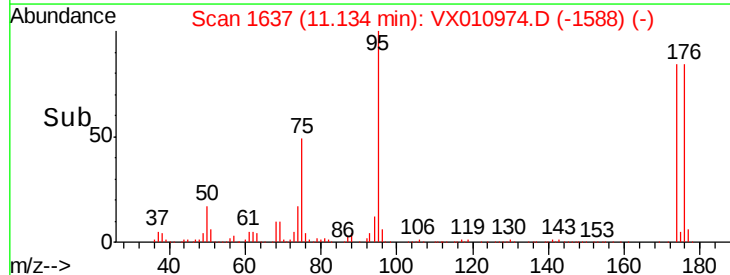
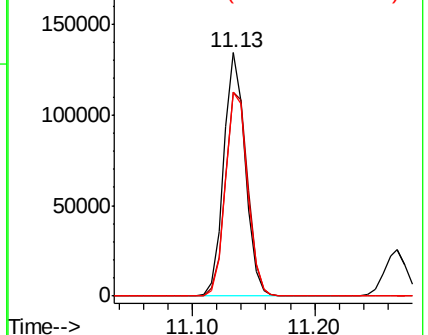
176 86.3 0.0 173.8



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

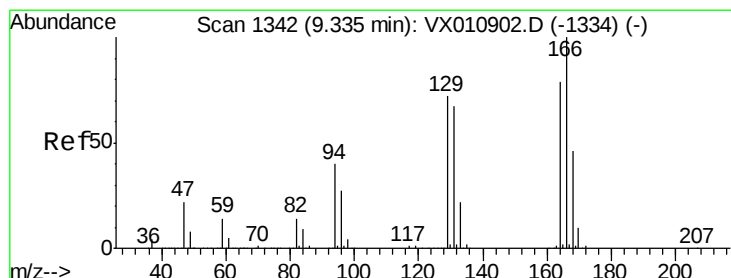
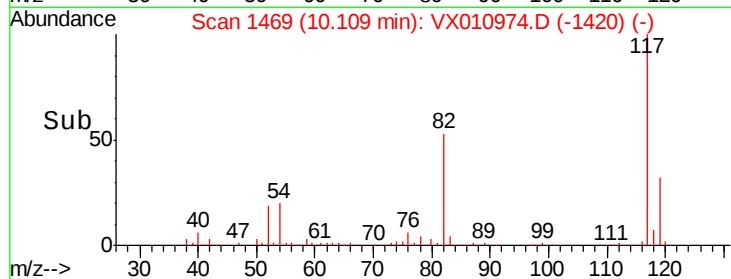
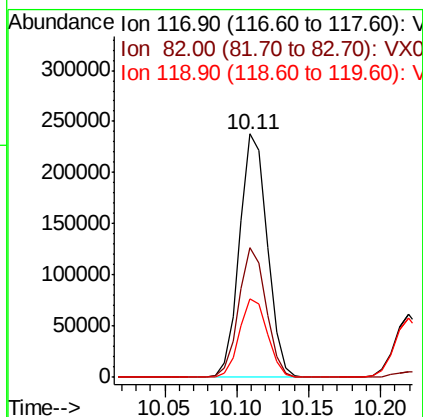
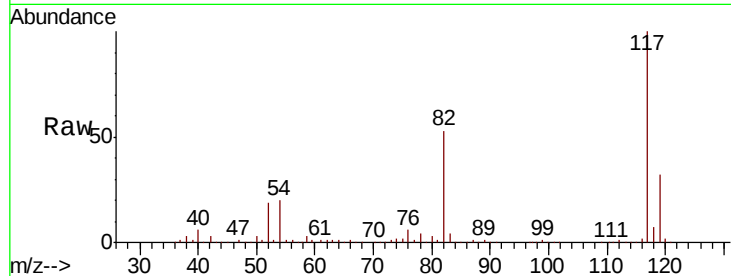




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

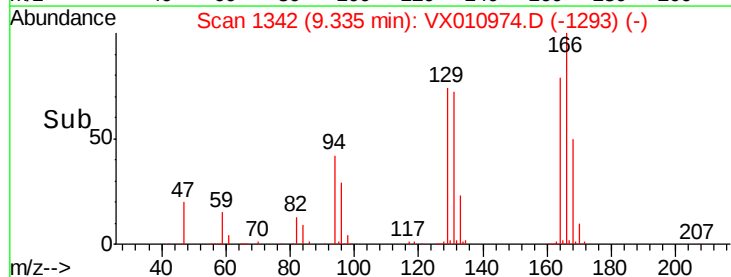
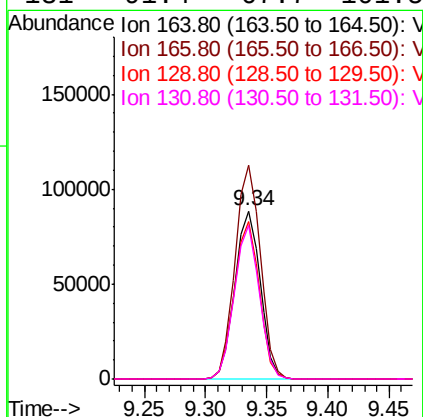
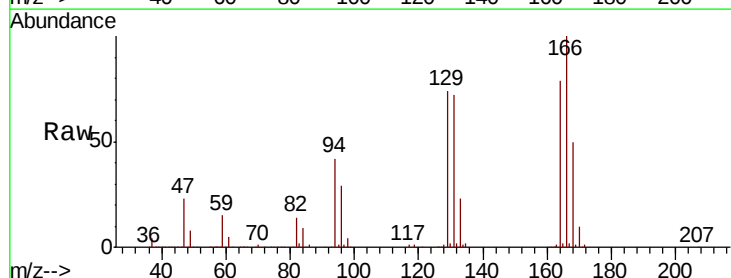
Instrument :
MSVOA_X
ClientSampleId :

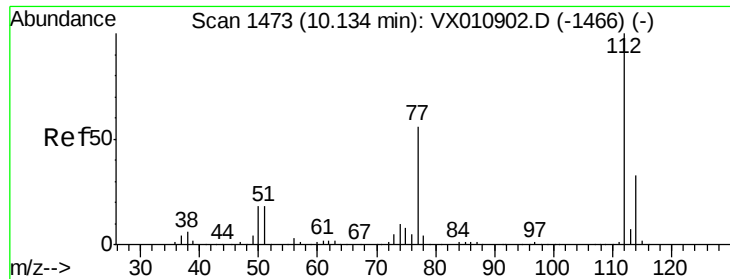
Tot Ion:117 Resp: 319689
Ion Ratio Lower Upper
117 100
82 53.4 42.6 63.8
119 32.0 25.9 38.9



#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

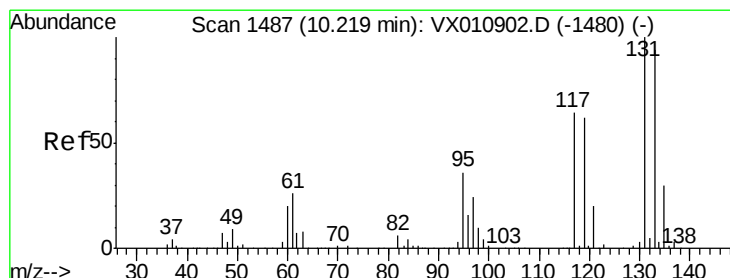
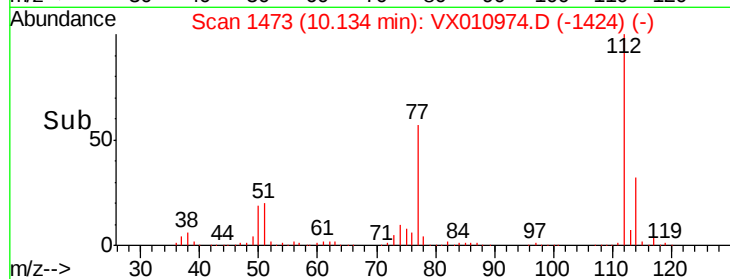
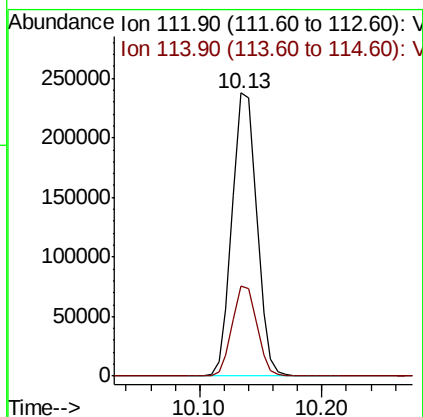
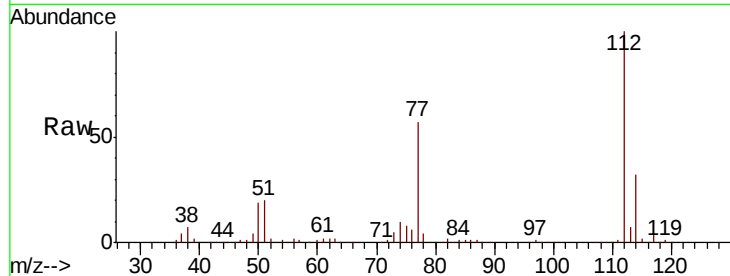




#65
Chlorobenzene
Concen: 50.586 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

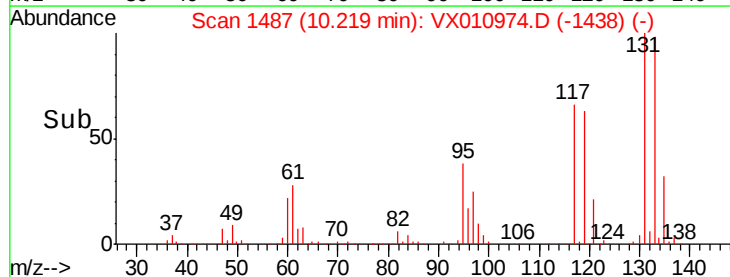
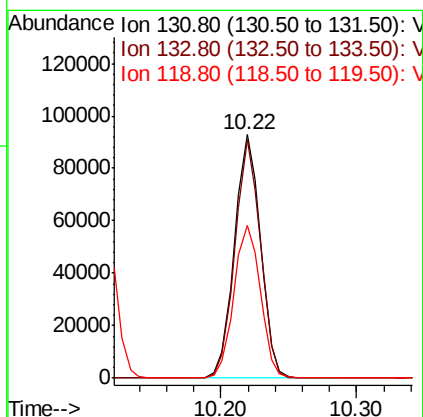
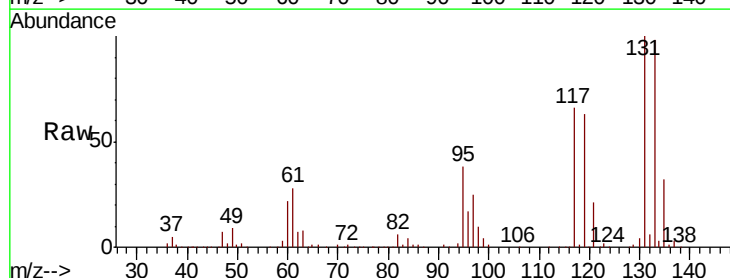
Instrument :
MSVOA_X
ClientSampleId :

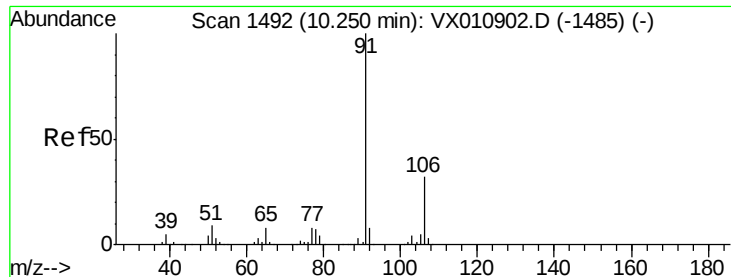
Tot Ion:112 Resp: 332152
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4



#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

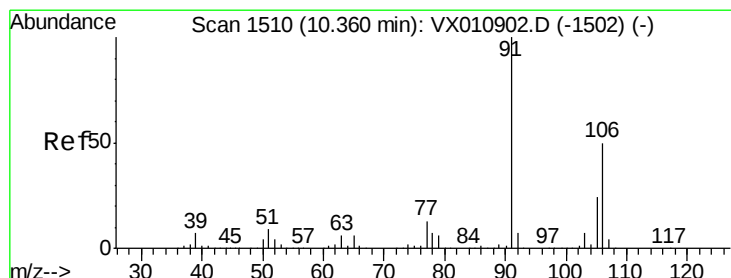
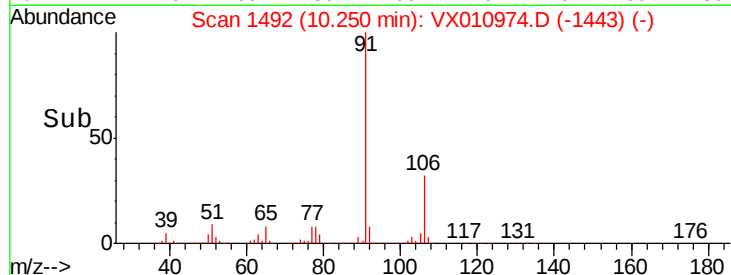
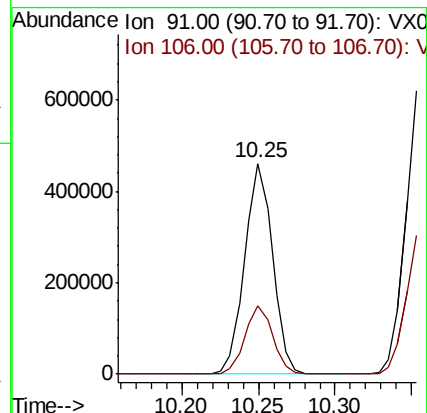
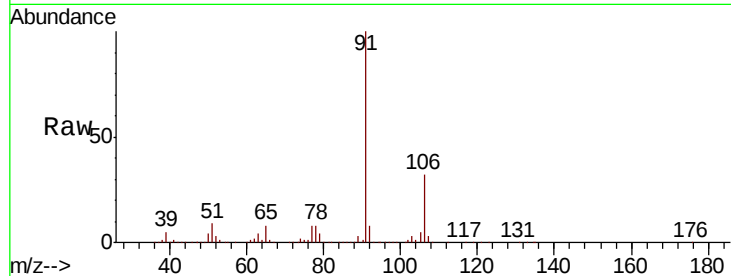
ClientSampled :

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

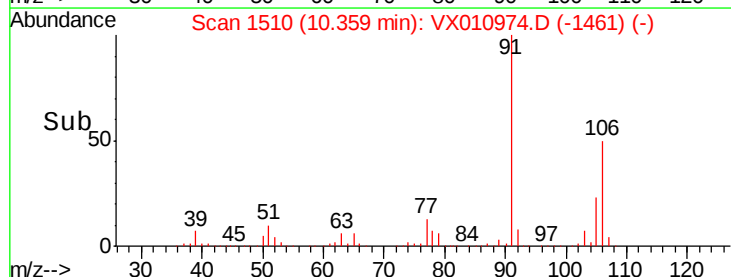
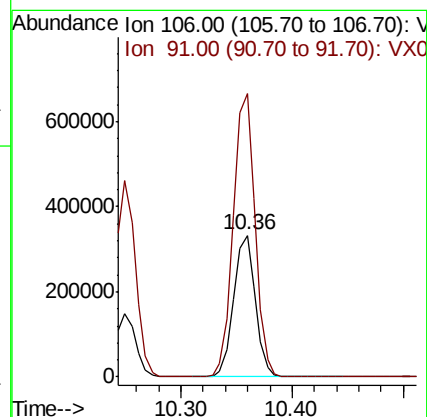
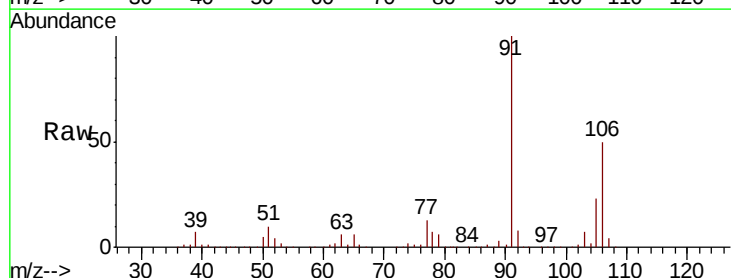
Acq: 18 Jul 2019 21:12

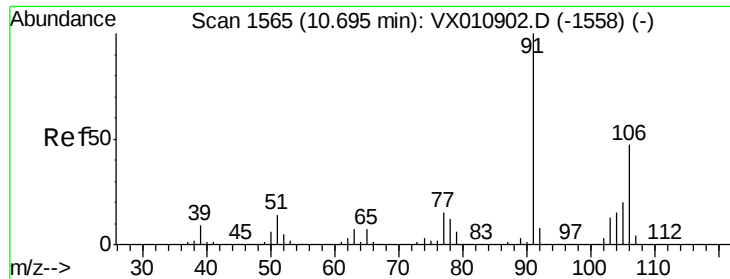
Tgt Ion: 106 Resp: 447057

Ion Ratio Lower Upper

106 100

91 202.1 160.1 240.1

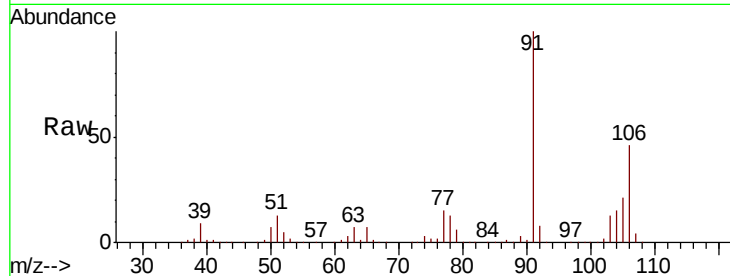




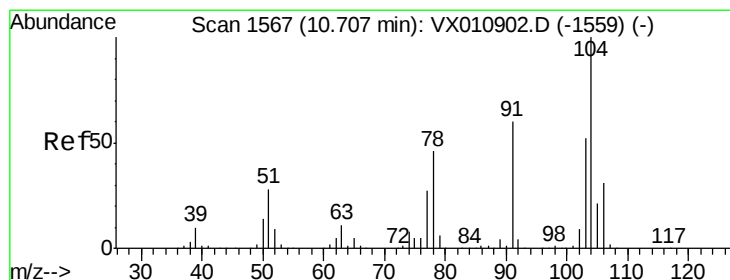
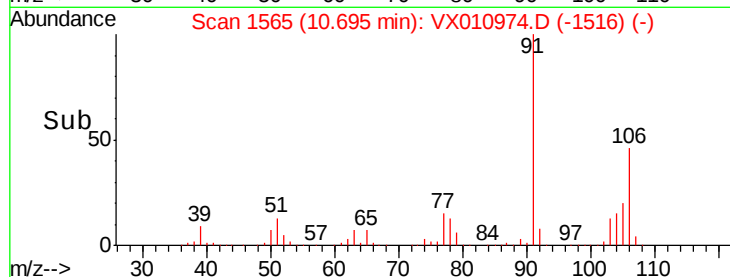
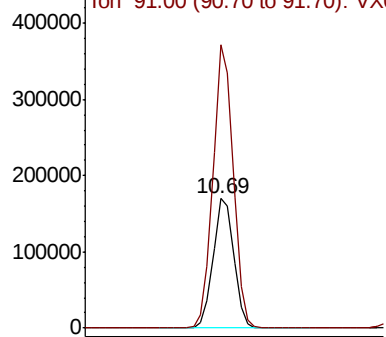
#69
o-Xylene
Concen: 52.322 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Instrument :
MSVOA_X
ClientSampled :

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

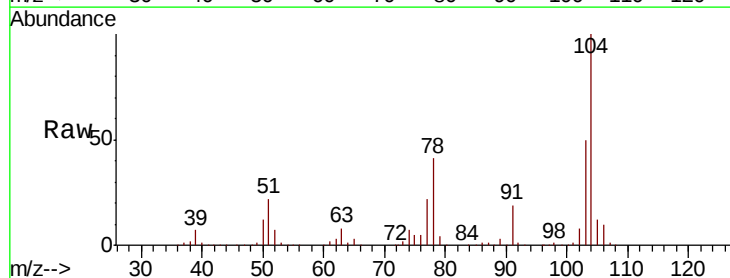


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

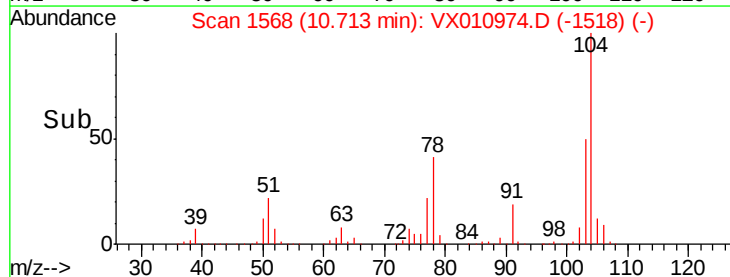
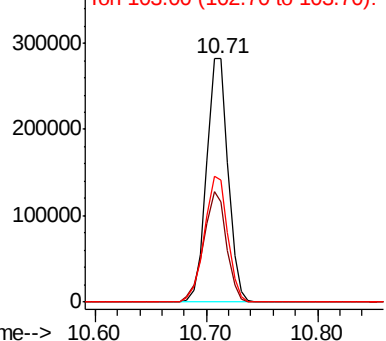


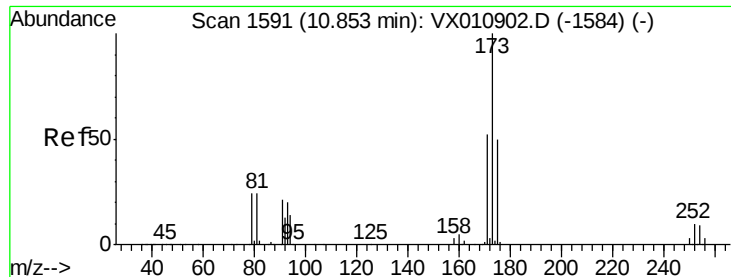
#70
Styrene
Concen: 54.270 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

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 :

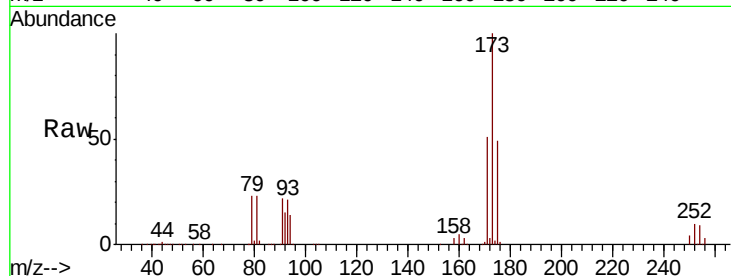
Tot Ion:173 Resp: 101500

Ion Ratio Lower Upper

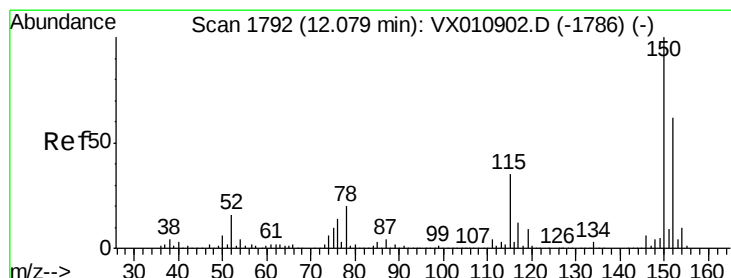
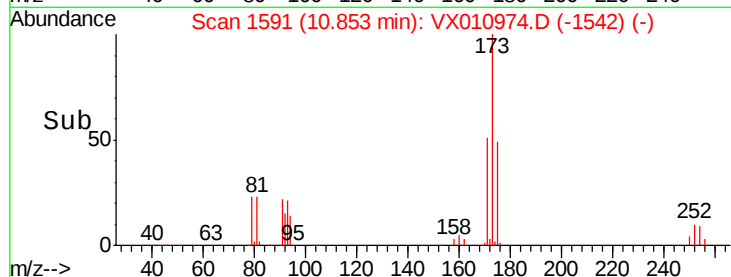
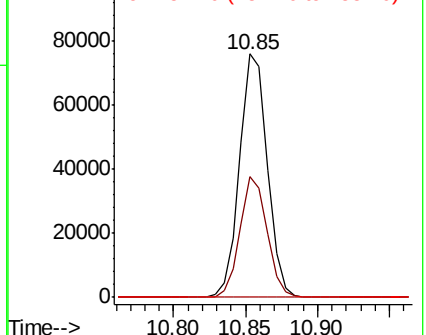
173 100

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

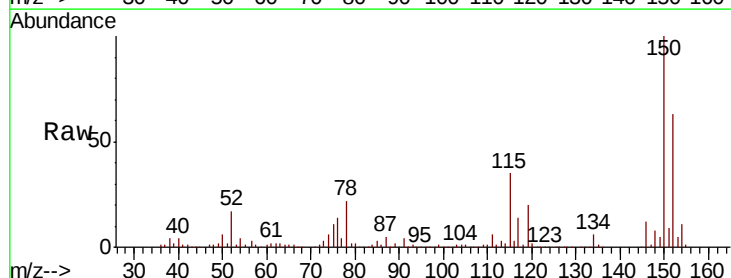
Tgt Ion:152 Resp: 168637

Ion Ratio Lower Upper

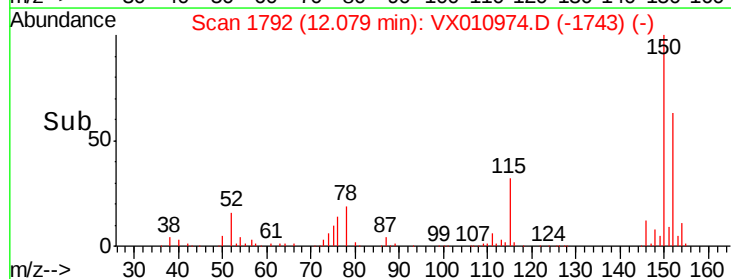
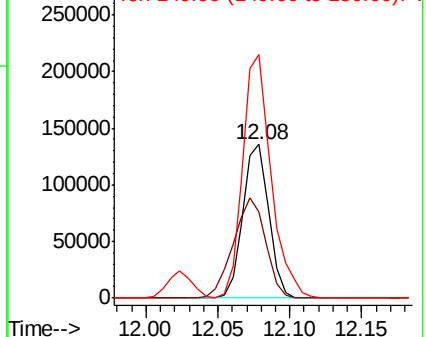
152 100

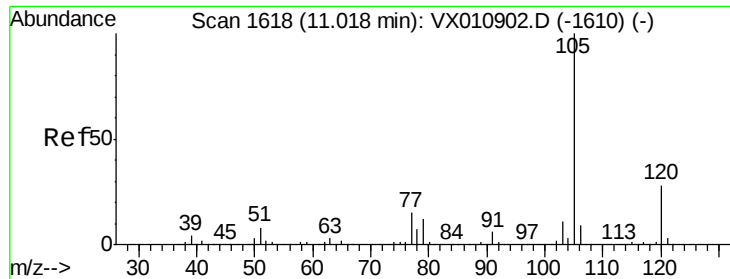
115 81.4 39.7 119.1

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

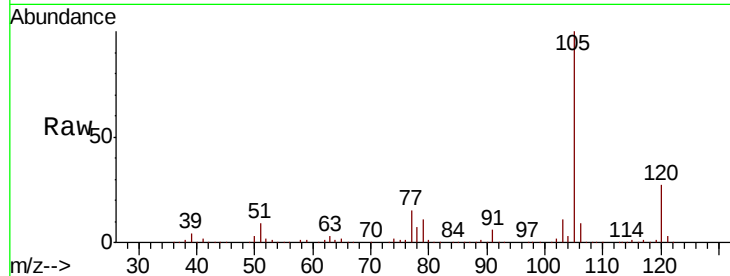
ClientSampleId :

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

11.02

500000

400000

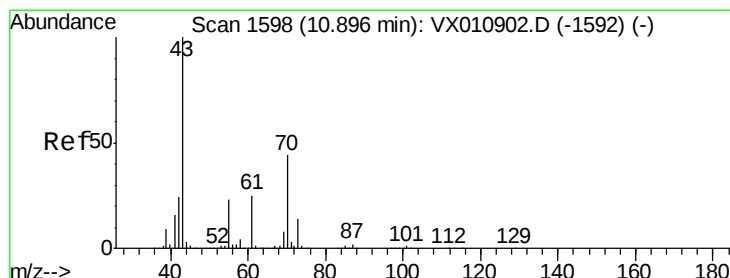
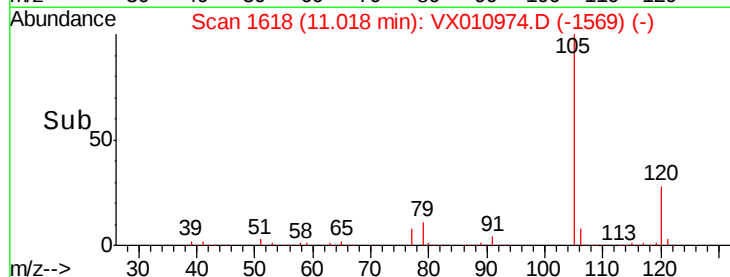
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#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

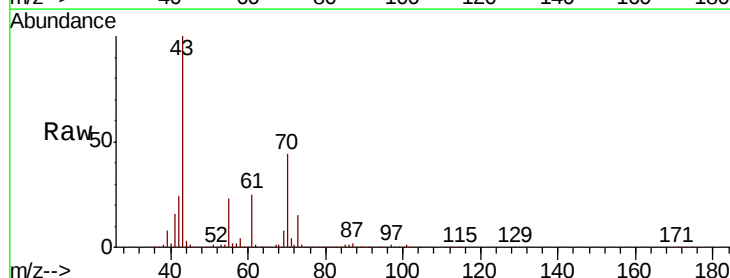
Ion Ratio Lower Upper

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

10.90

300000

250000

200000

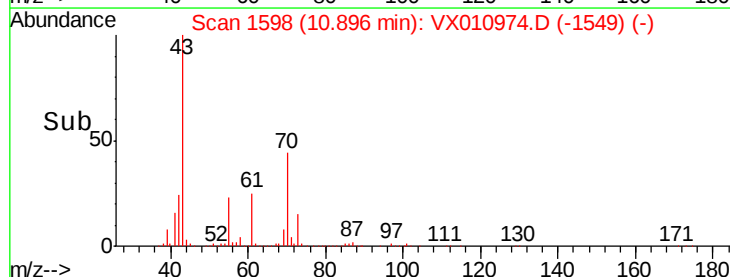
150000

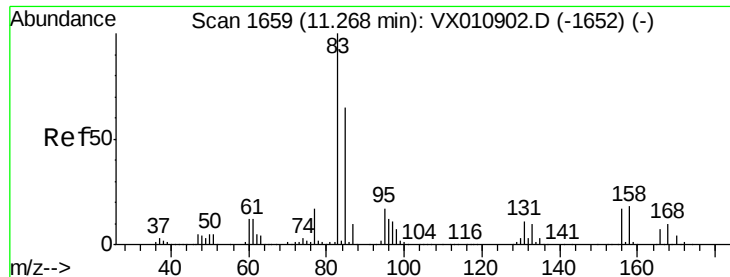
100000

50000

0

Time--> 10.80 10.90 11.00





#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 :

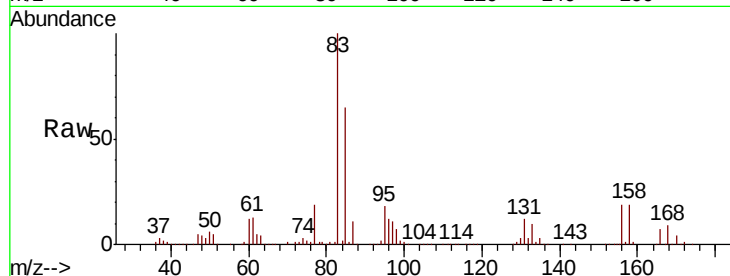
Tot Ion: 83 Resp: 193395

Ion Ratio Lower Upper

83 100

131 11.4 5.5 16.4

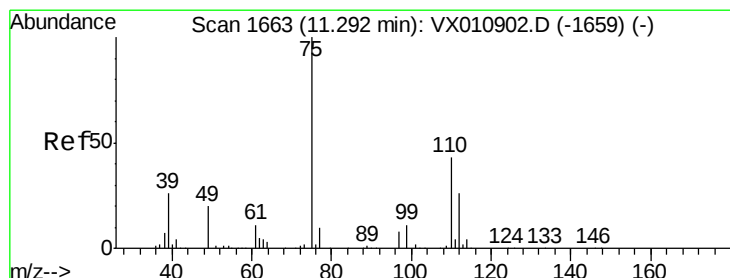
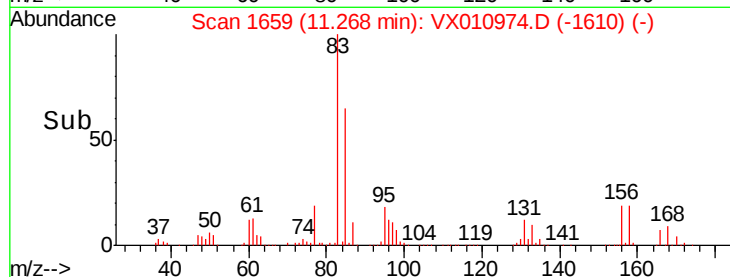
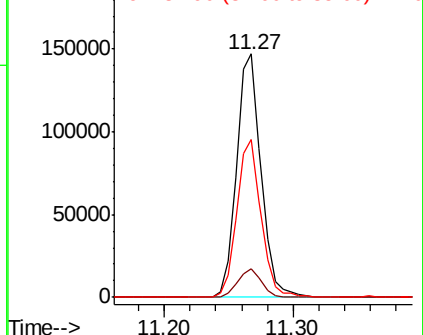
85 64.4 32.3 96.9



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

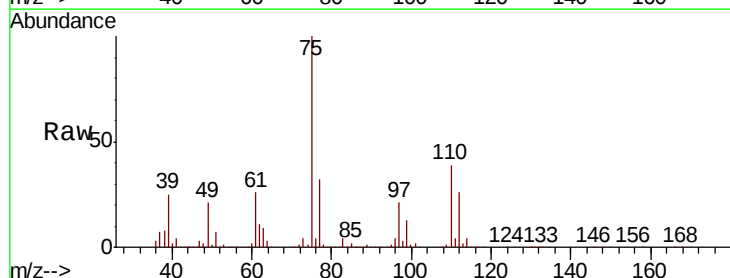
Acq: 18 Jul 2019 21:12

Tgt Ion: 75 Resp: 214344

Ion Ratio Lower Upper

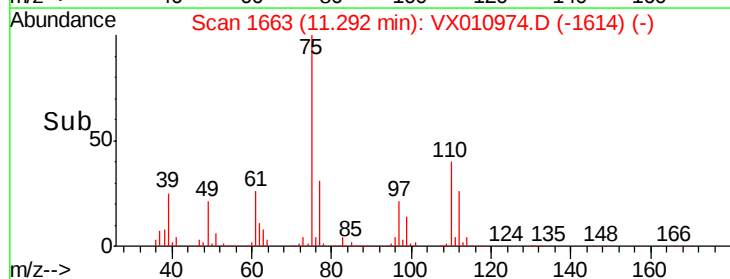
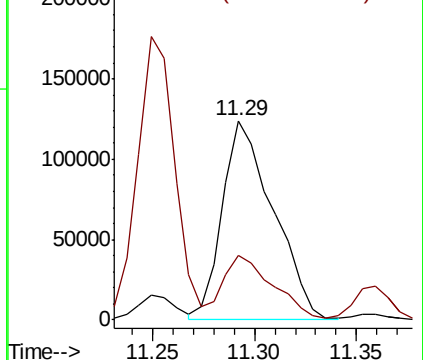
75 100

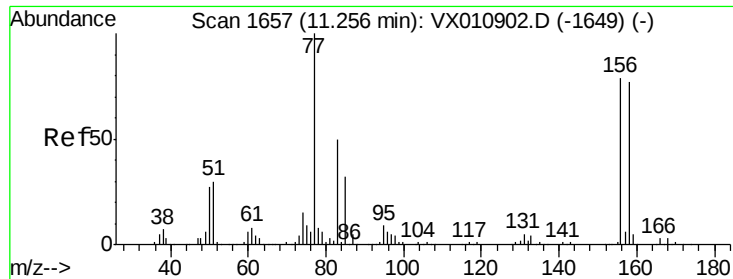
77 31.9 21.3 64.0



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 :

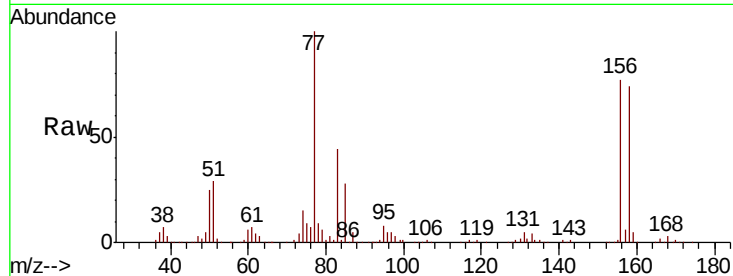
Tot Ion:156 Resp: 159170

Ion Ratio Lower Upper

156 100

77 140.4 68.7 206.1

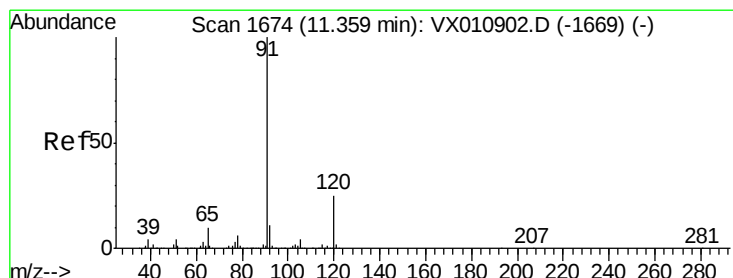
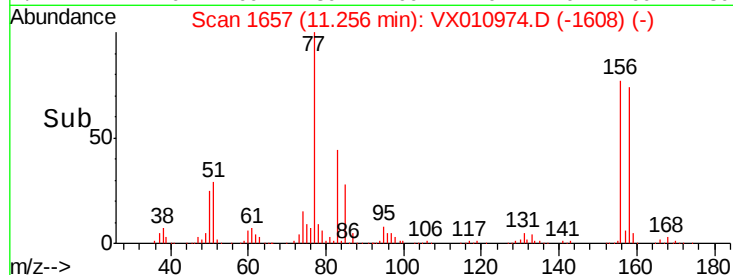
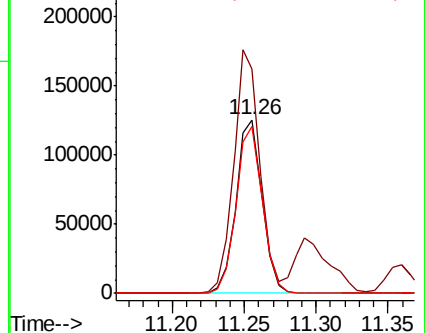
158 96.9 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.026 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010974.D

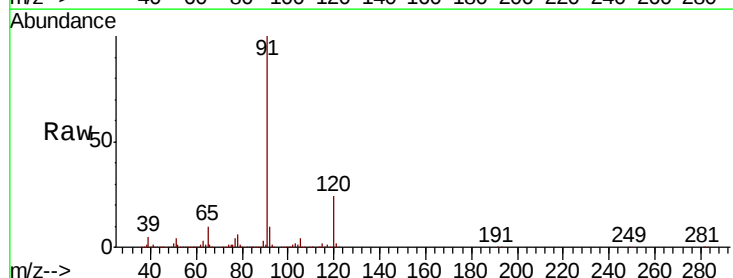
Acq: 18 Jul 2019 21:12

Tgt Ion: 91 Resp: 667620

Ion Ratio Lower Upper

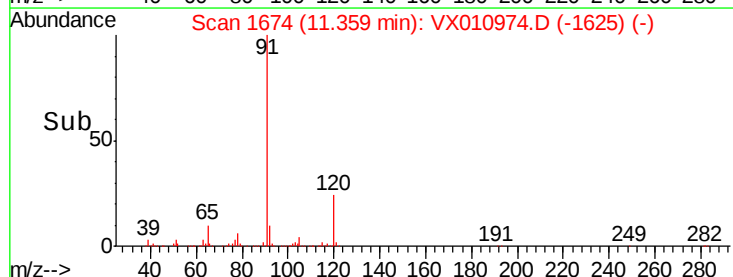
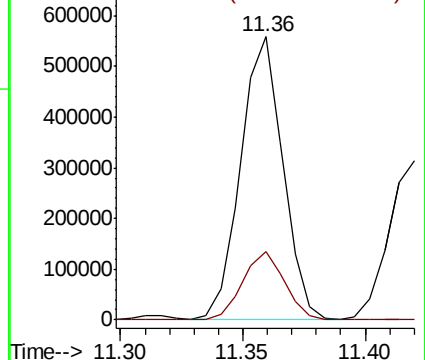
91 100

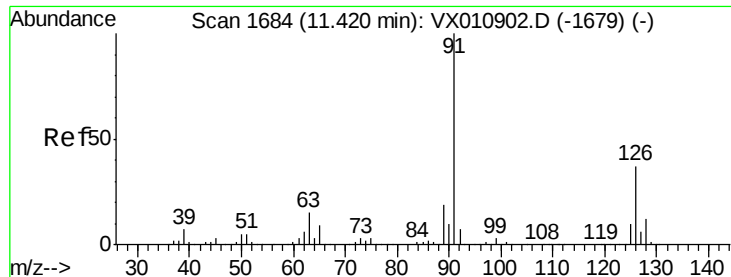
120 24.2 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

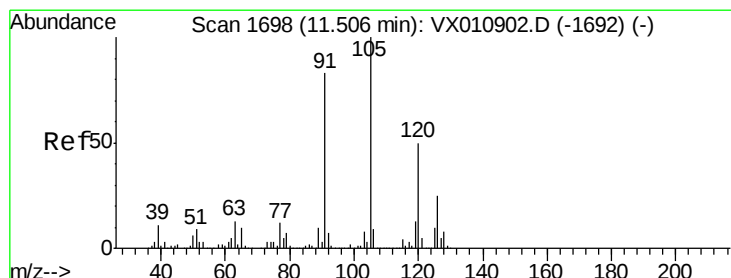
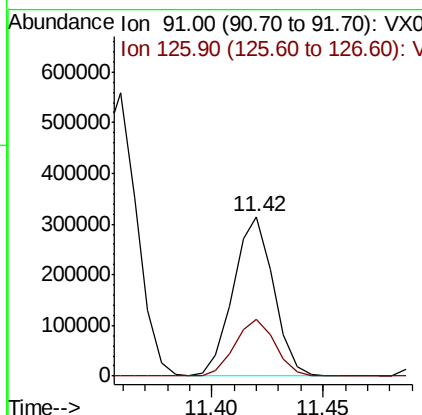
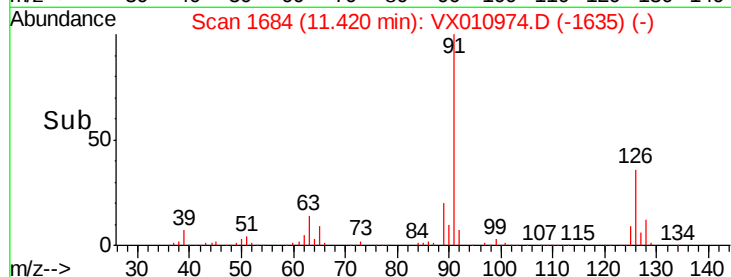
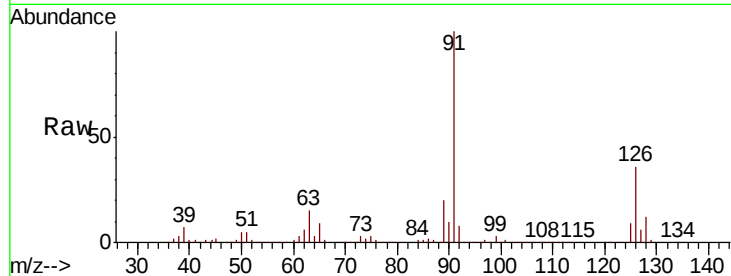




#79
 2-Chlorotoluene
 Concen: 52.214 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

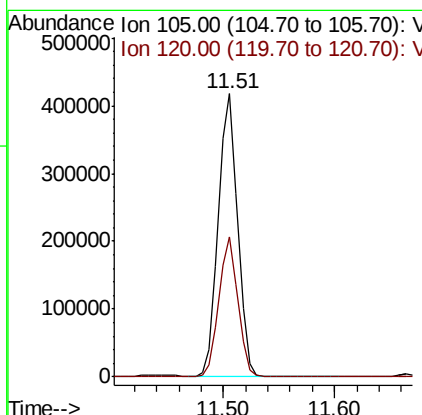
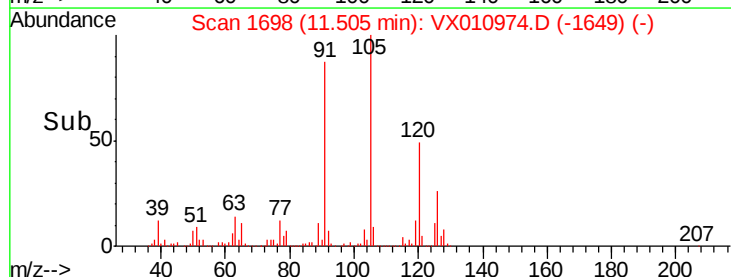
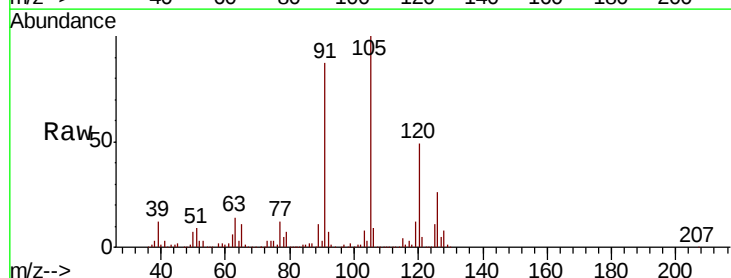
Instrument :
 MSVOA_X
 ClientSampleId :

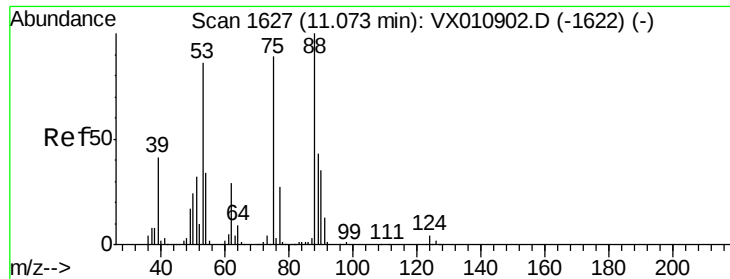
Tot Ion: 91 Resp: 394905
 Ion Ratio Lower Upper
 91 100
 126 35.7 18.0 54.0



#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





#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

ClientSampled :

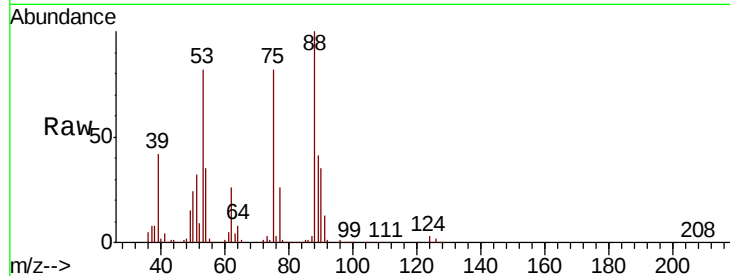
Tot Ion: 75 Resp: 53411

Ion Ratio Lower Upper

75 100

53 102.4 76.7 115.1

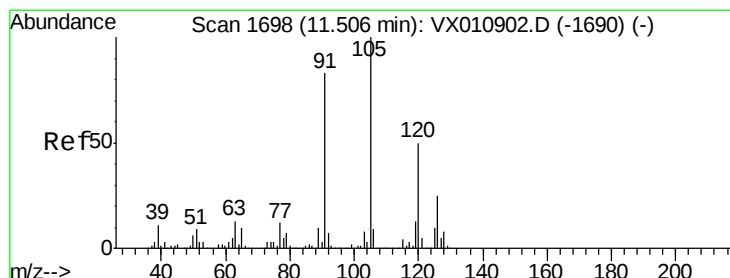
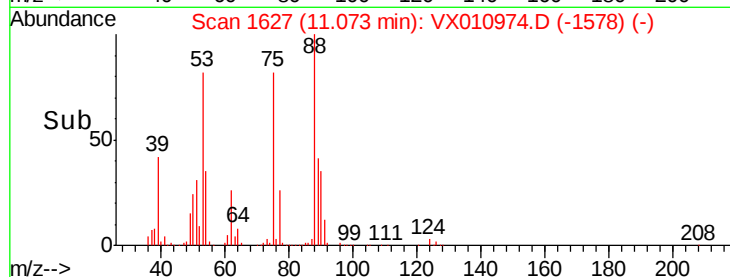
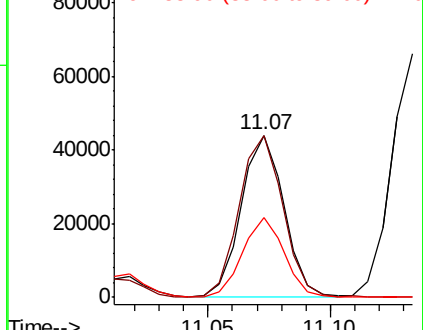
89 48.5 38.5 57.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 52.764 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010974.D

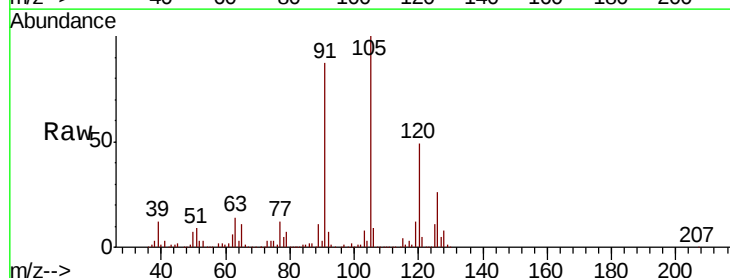
Acq: 18 Jul 2019 21:12

Tgt Ion: 91 Resp: 464470

Ion Ratio Lower Upper

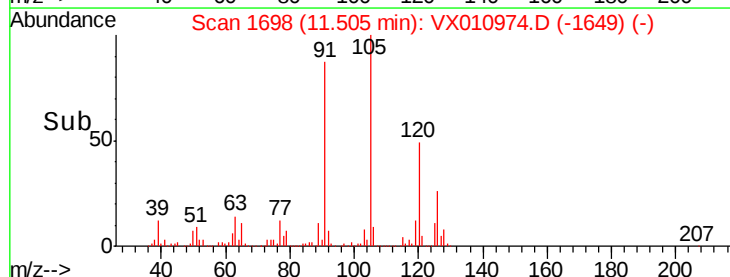
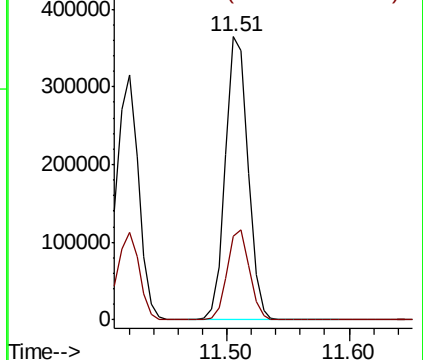
91 100

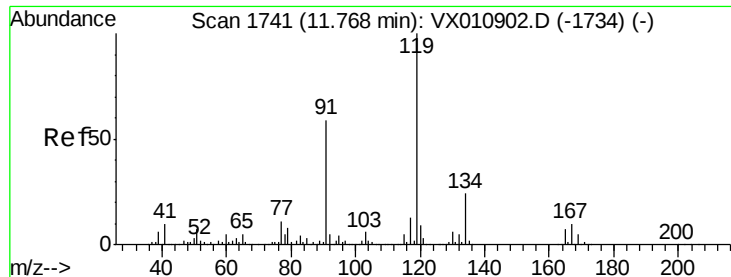
126 31.1 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

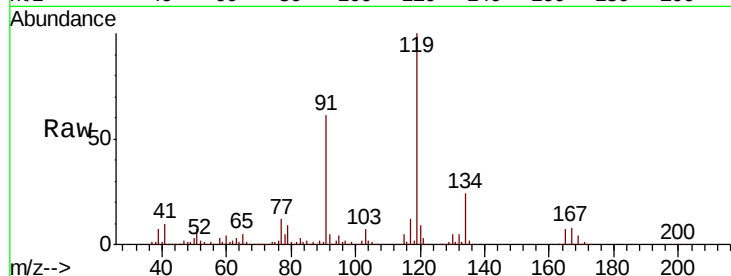




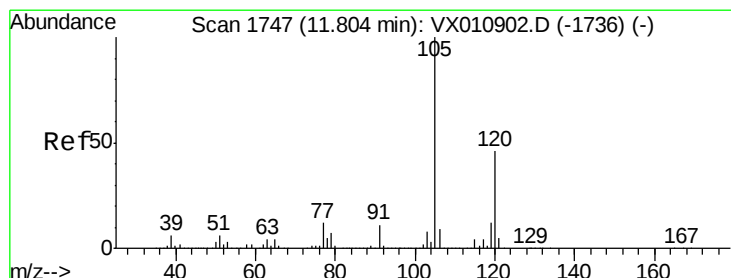
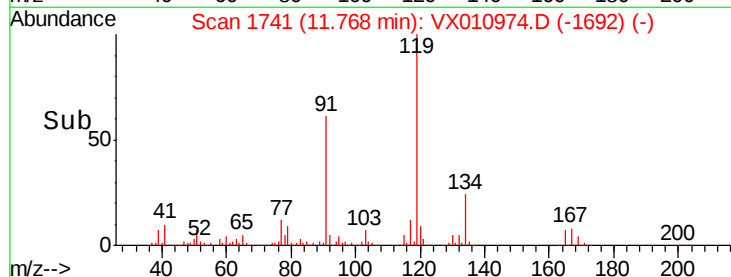
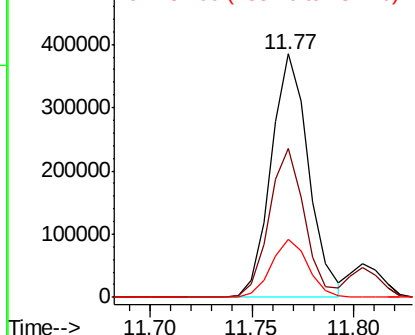
#83
tert-Butylbenzene
Concen: 52.776 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.1	28.6	85.8
134	23.3	11.6	34.8

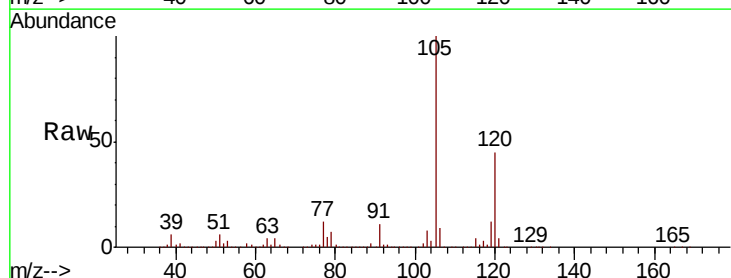


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

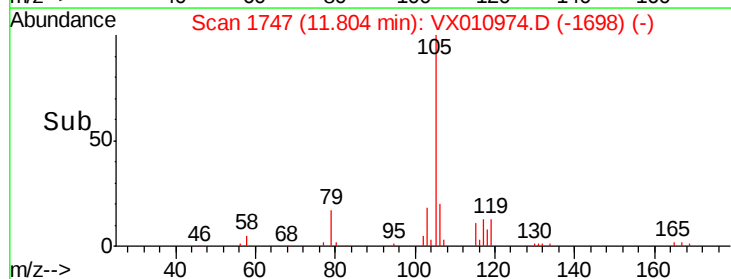
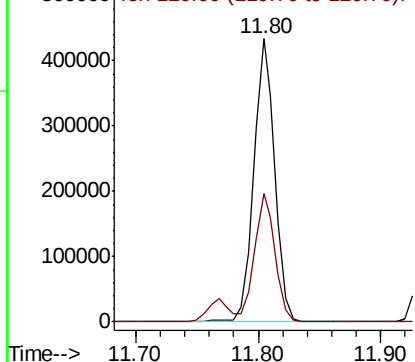


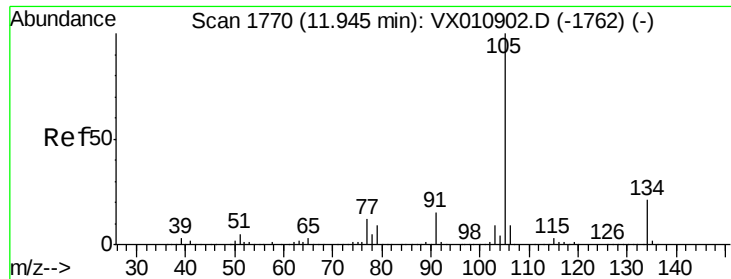
#84
1,2,4-Trimethylbenzene
Concen: 53.837 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion	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

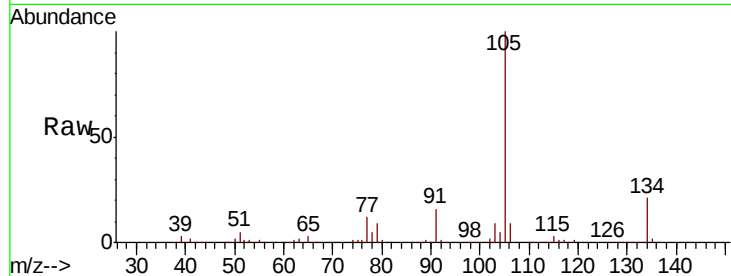
ClientSampleId :

Tot Ion:105 Resp: 582815

Ion Ratio Lower Upper

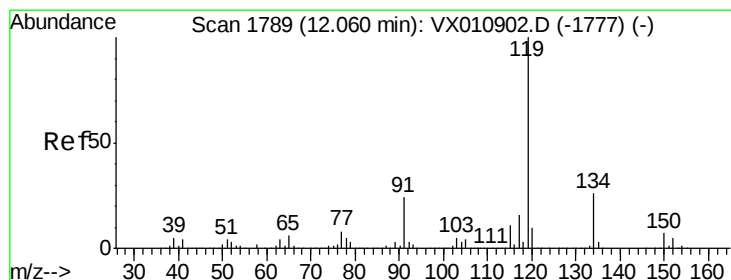
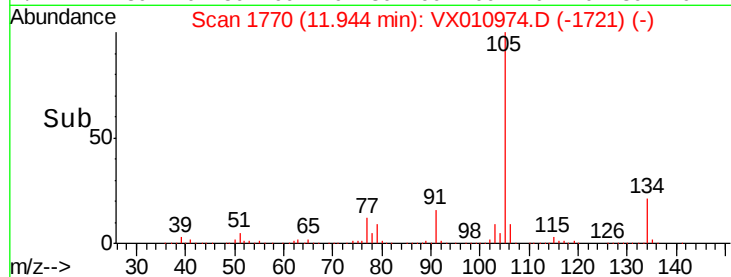
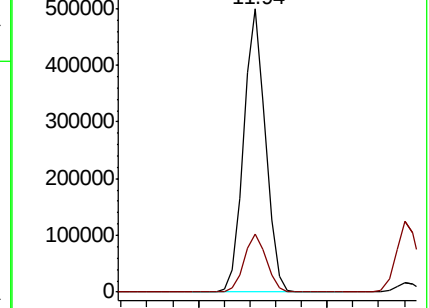
105 100

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

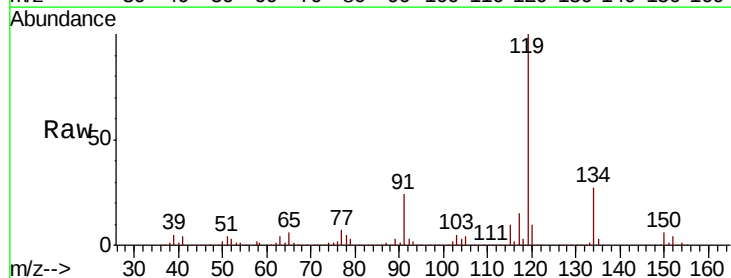
Tgt Ion:119 Resp: 539836

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

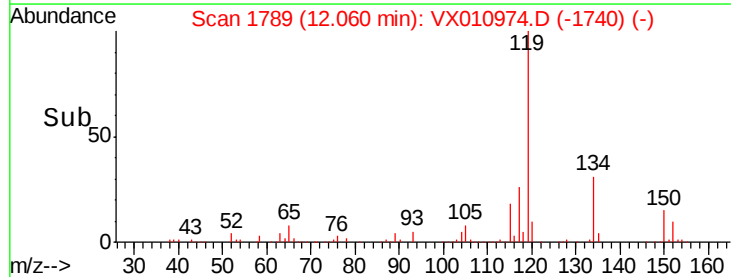
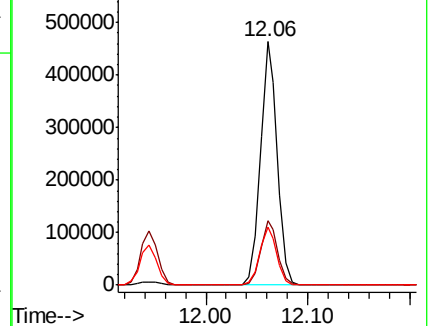
91 24.0 11.8 35.4

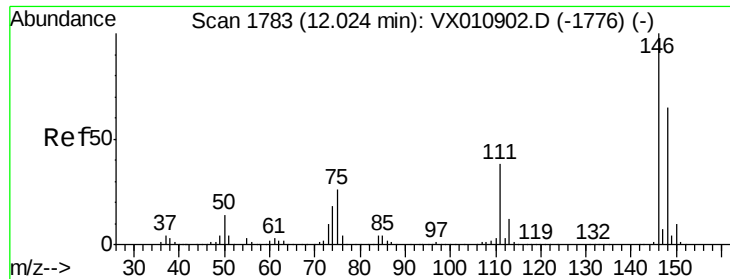


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

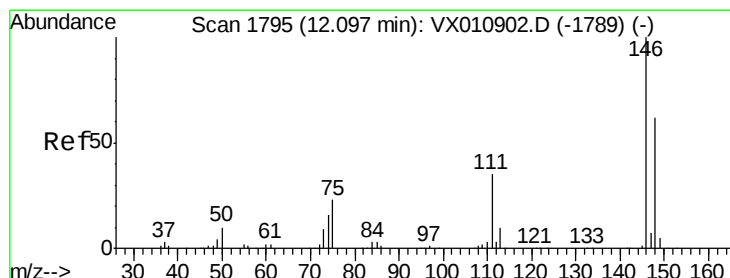
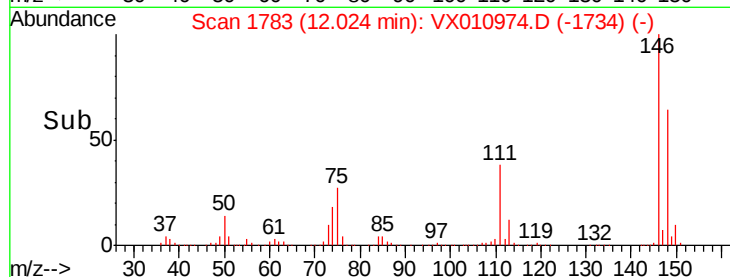
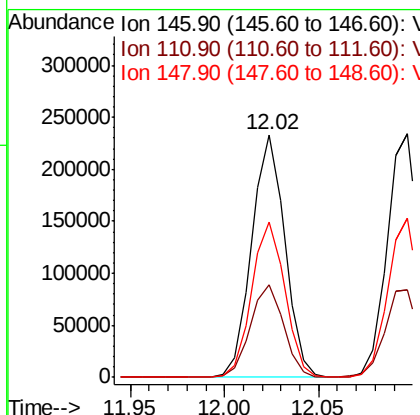
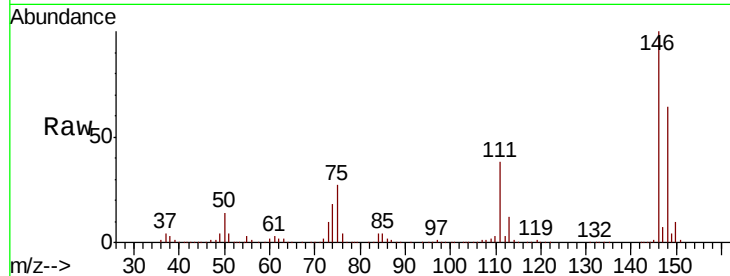




#87
 1,3-Dichlorobenzene
 Concen: 52.244 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

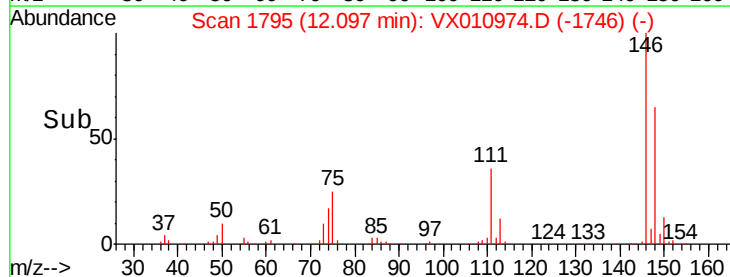
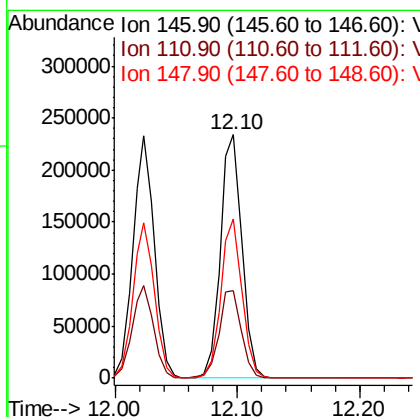
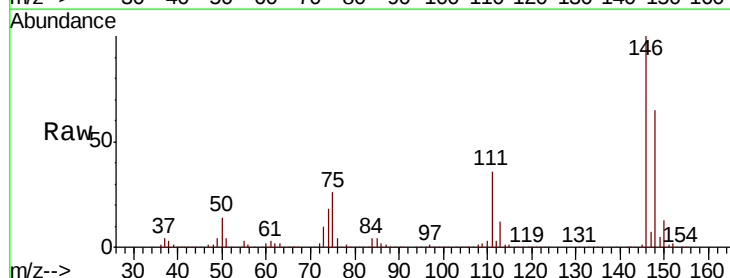
Instrument :
 MSVOA_X
 ClientSampleId :

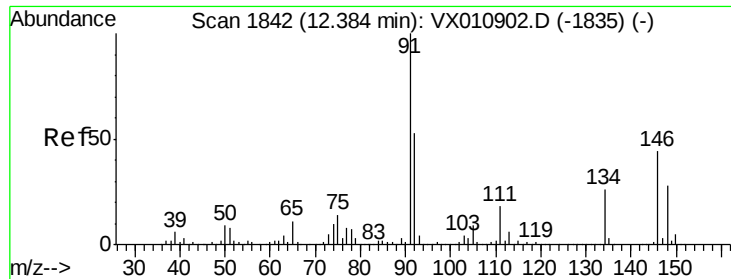
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.9
148	64.2	32.2	96.6



#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	Ratio	Lower	Upper
146	100		
111	37.7	18.6	55.8
148	64.1	31.6	94.7

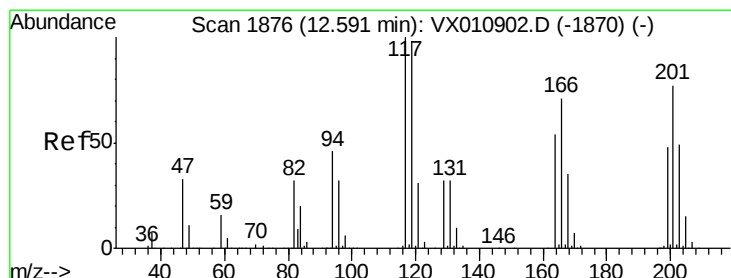
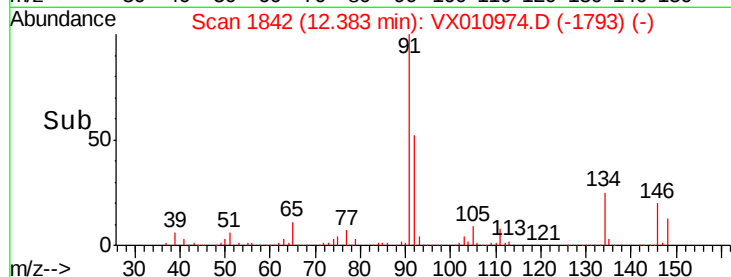
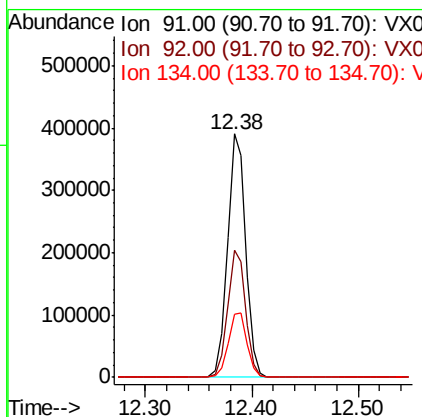
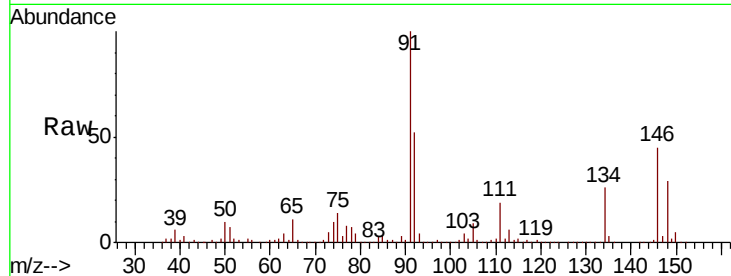




#89
n-Butylbenzene
Concen: 53.529 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

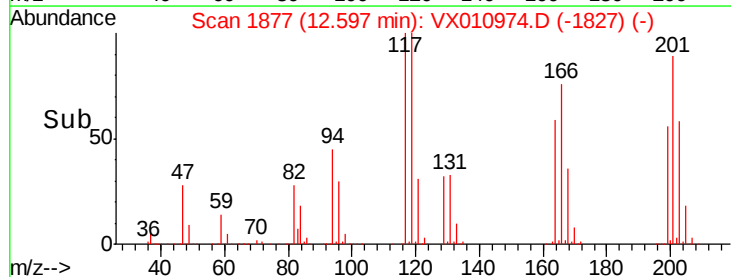
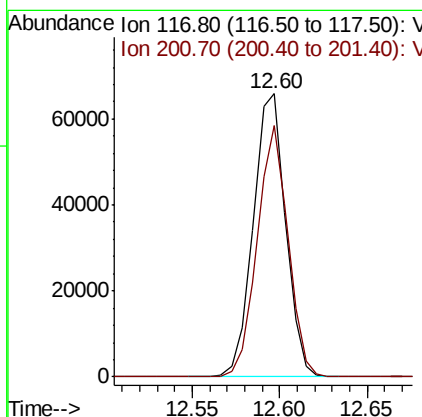
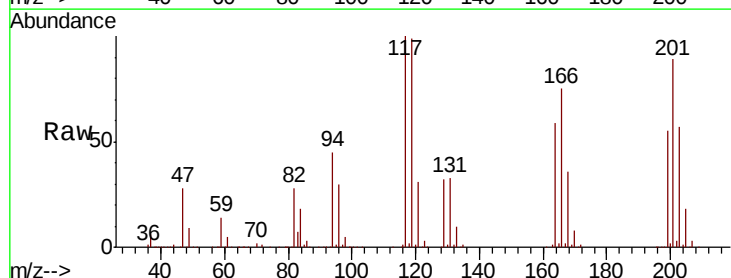
Instrument :
MSVOA_X
ClientSampled :

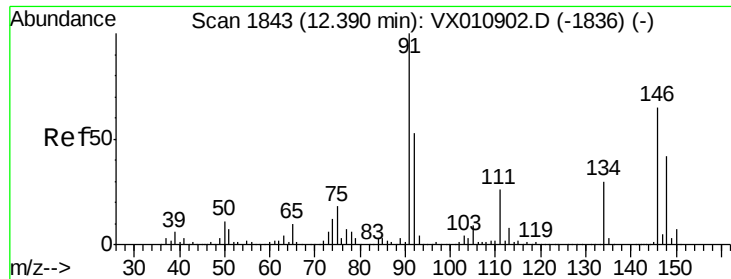
Tot Ion: 91 Resp: 463962
Ion Ratio Lower Upper
91 100
92 52.0 26.2 78.5
134 27.4 13.8 41.3



#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 :

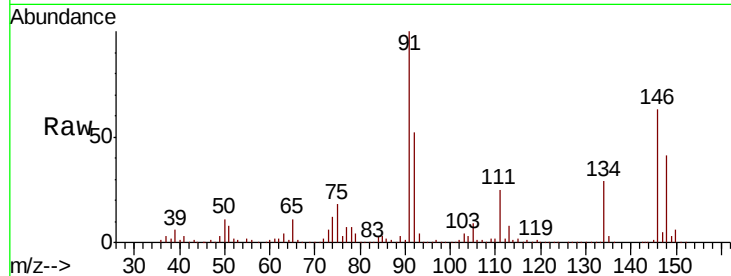
Tot Ion:146 Resp: 277452

Ion Ratio Lower Upper

146 100

111 39.9 19.9 59.7

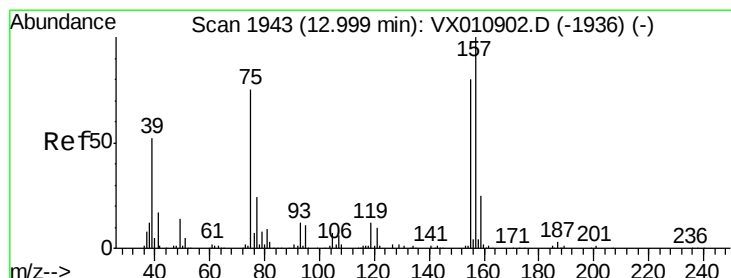
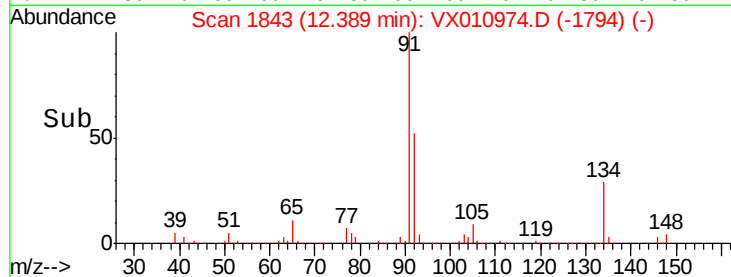
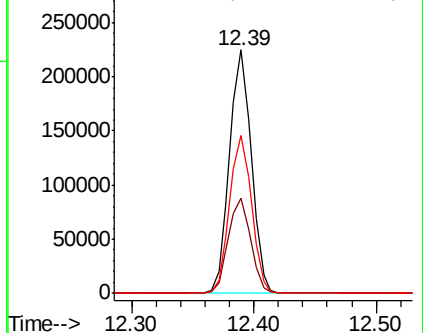
148 65.3 32.0 96.2



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

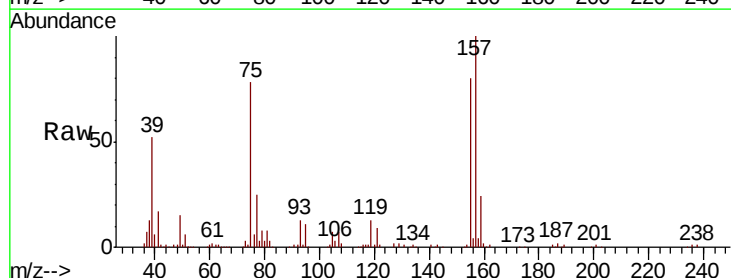
Tgt Ion: 75 Resp: 42477

Ion Ratio Lower Upper

75 100

155 96.5 48.7 146.1

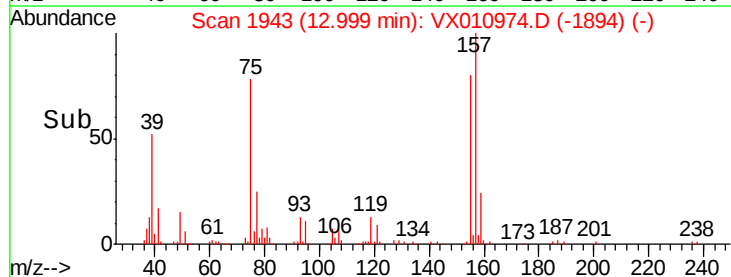
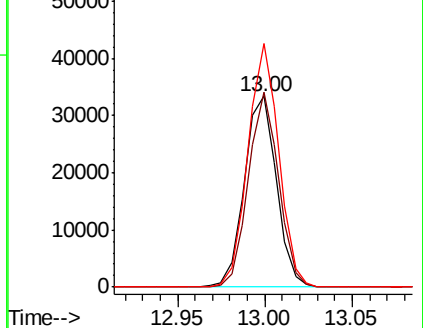
157 122.4 62.5 187.6

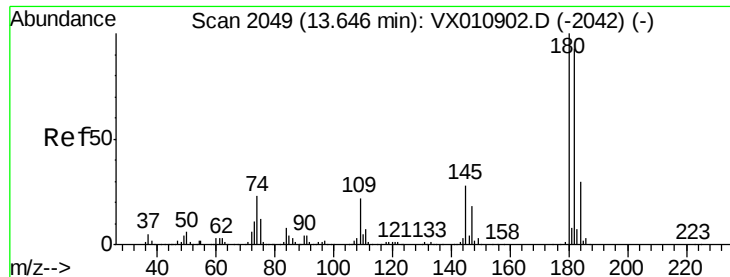


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

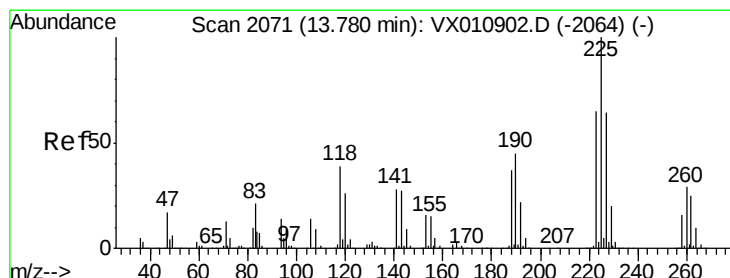
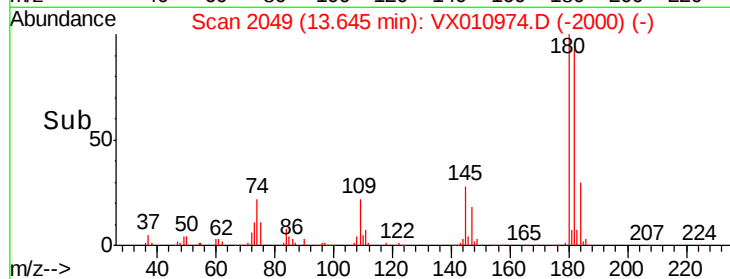
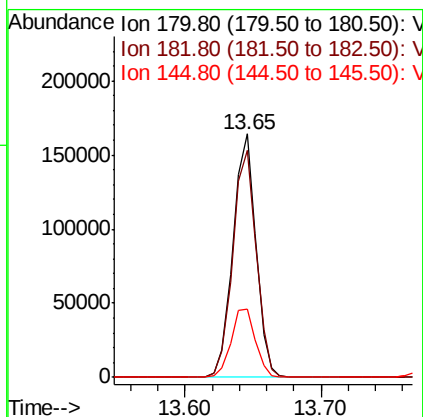
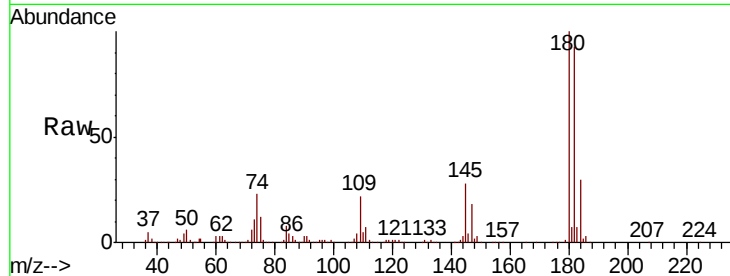




#93
 1,2,4-Trichlorobenzene
 Concen: 52.503 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

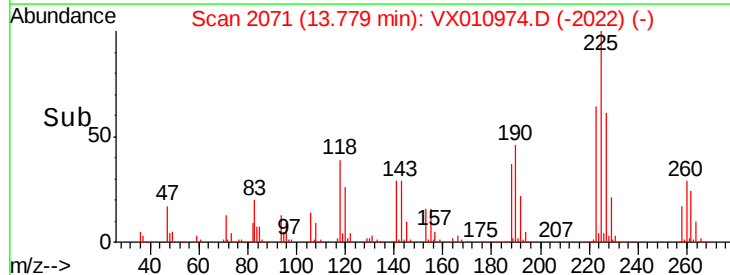
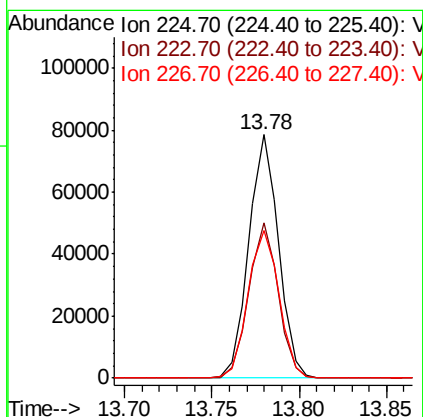
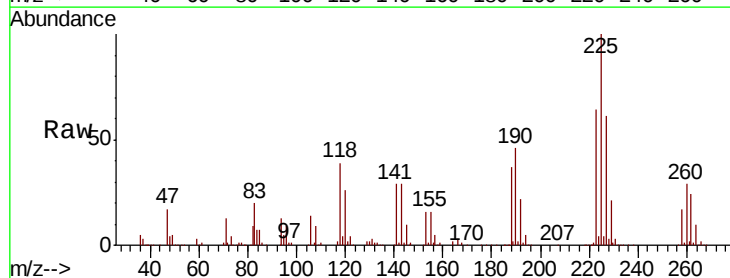
Instrument :
 MSVOA_X
 ClientSampleId :

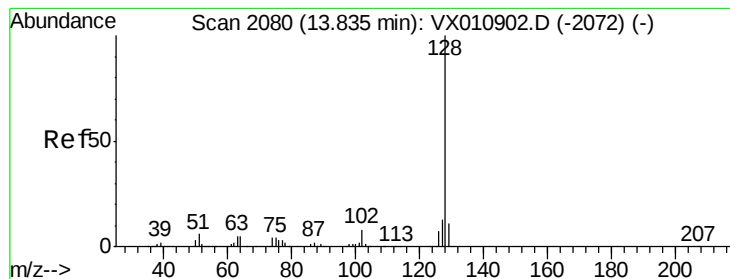
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.1	141.3
145	29.7	14.8	44.4



#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





#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 :

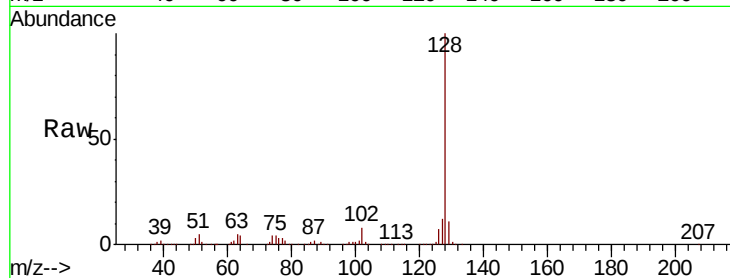
Tot Ion:128 Resp: 595272

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.9	8.9	13.3

128 100

127 12.8 10.4 15.6

129 10.9 8.9 13.3

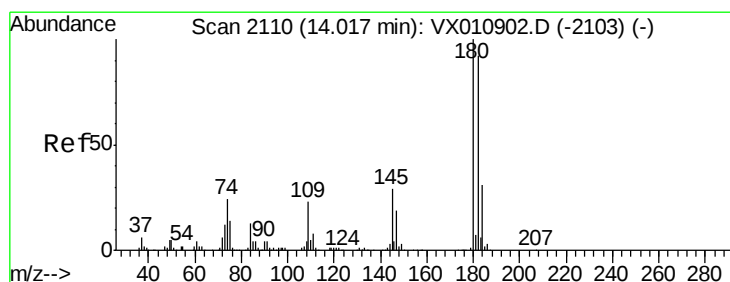
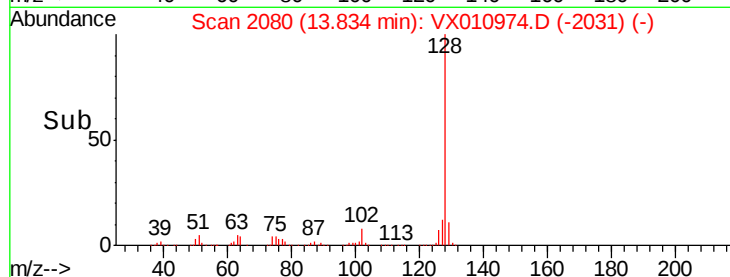
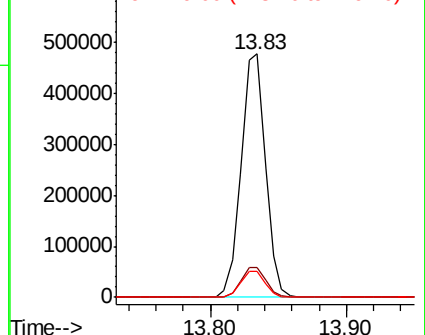


Abundance

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

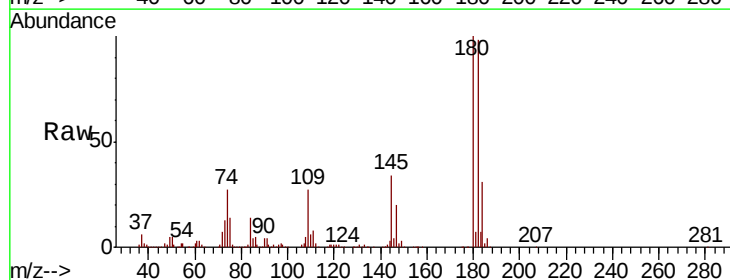
Tgt Ion:180 Resp: 192097

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.4	142.3
145	32.2	15.1	45.3

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

