

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071919\
 Data File : VX010986.D
 Acq On : 19 Jul 2019 02:38
 Operator : JC/SP
 Sample : VX0718WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 19 03:40:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:27:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	39312	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	215800	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	191335	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	78117	29.31	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.70%
60) 4-Bromofluorobenzene	11.13	95	93892	29.81	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.37%
63) Toluene-d8	8.71	98	259570	30.86	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.87%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	55966	21.534	ug/l 100
3) Chloromethane	1.33	50	48584	21.258	ug/l 96
4) Vinyl Chloride	1.41	62	49157	20.625	ug/l 97
5) Bromomethane	1.64	94	31293	23.852	ug/l 97
6) Chloroethane	1.73	64	28942	20.526	ug/l 90
7) Trichlorofluoromethane	1.93	101	82342	20.803	ug/l 95
8) Diethyl Ether	2.19	74	26836	20.645	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	45833	20.950	ug/l 98
10) 1,1-Dichloroethene	2.37	96	44314	20.156	ug/l 95
11) Methyl Iodide	2.51	142	55017	18.635	ug/l 98
12) Methyl Acetate	2.78	43	65127	21.091	ug/l 99
13) Acrolein	2.29	56	35228	95.149	ug/l 99
14) Acrylonitrile	3.14	53	122941	101.726	ug/l 98
15) Acetone	2.45	58	35115	104.343	ug/l 96
16) Carbon Disulfide	2.57	76	113722	20.130	ug/l 99
17) Allyl chloride	2.73	41	63223	19.864	ug/l 99
18) Methylene Chloride	2.85	84	48461	19.795	ug/l 97
19) trans-1,2-Dichloroethene	3.17	96	47348	20.386	ug/l 97
20) Diisopropyl ether	3.85	45	136451	20.307	ug/l 97
21) 1,1-Dichloroethane	3.70	63	79255	20.496	ug/l 100
22) cis-1,2-Dichloroethene	4.60	96	54031	20.227	ug/l 99
23) tert-Butyl Alcohol	3.04	59	63118	100.029	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	143116	20.278	ug/l 99
25) Chloroform	5.21	83	84880	20.042	ug/l 100
26) Cyclohexane	5.58	56	71330	20.159	ug/l # 97
29) 1,1-Dichloropropene	5.80	75	61502	20.265	ug/l 99
30) 2-Butanone	4.67	43	169141	103.251	ug/l 100
31) 2,2-Dichloropropane	4.58	77	46656	17.612	ug/l 99
32) 1,1,1-Trichloroethane	5.50	97	72744	19.877	ug/l 98
33) Carbon Tetrachloride	5.79	117	62692	19.702	ug/l 99
34) Benzene	6.14	78	187424	20.588	ug/l 98
35) Methacrylonitrile	5.04	41	34700	20.348	ug/l 98
36) 1,2-Dichloroethane	6.20	62	64136	19.704	ug/l 99
37) Trichloroethene	7.21	130	54564	20.473	ug/l 98
38) Methylcyclohexane	7.46	83	77987	20.362	ug/l 100
39) 1,2-Dichloropropane	7.51	63	45876	20.161	ug/l 98
40) Dibromomethane	7.66	93	34717	20.744	ug/l 97

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 19 03:40:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:27:28 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	59711	19.602	ug/l	96
42) Vinyl Acetate	3.82	43	539958	100.045	ug/l	100
43) Ethyl Acetate	4.84	43	64279	20.441	ug/l	98
44) Isopropyl Acetate	6.45	43	100455	19.613	ug/l	99
45) 1,4-Dioxane	7.74	88	28335	425.044	ug/l	95
46) Methyl methacrylate	7.77	41	49650	19.972	ug/l	97
47) n-amyl Acetate	10.90	43	91532	19.926	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	59590	18.562	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	68107	19.440	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	50260	20.520	ug/l	98
51) Ethyl methacrylate	9.18	69	74581	19.688	ug/l	98
52) 1,3-Dichloropropane	9.37	76	79224	20.129	ug/l	98
53) Dibromochloromethane	9.58	129	51255	19.376	ug/l	99
54) 1,2-Dibromoethane	9.67	107	53723	20.183	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	157489	98.177	ug/l	99
56) Bromoform	10.85	173	37347	18.957	ug/l	97
58) 4-Methyl-2-Pentanone	8.64	43	336954	104.278	ug/l	100
59) 2-Hexanone	9.49	43	260564	105.379	ug/l	100
61) Tetrachloroethene	9.33	164	54372	21.523	ug/l	94
62) Toluene	8.78	91	213342	20.989	ug/l	100
64) Chlorobenzene	10.13	112	135373	20.787	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.22	131	48337	20.423	ug/l	99
66) Ethyl Benzene	10.25	91	236538	20.672	ug/l	98
67) m/p-Xylenes	10.36	106	183839	41.993	ug/l	99
68) o-Xylene	10.69	106	89963	20.972	ug/l	99
69) Styrene	10.71	104	148299	20.567	ug/l	99
70) Isopropylbenzene	11.02	105	236553	20.709	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	77556	21.057	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	80452	26.169	ug/l	85
73) Bromobenzene	11.26	156	63759	20.688	ug/l	99
74) n-propylbenzene	11.36	91	265909	20.684	ug/l	100
75) 2-Chlorotoluene	11.42	91	157456	20.564	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	198649	20.545	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	18524	18.262	ug/l	94
78) 4-Chlorotoluene	11.51	91	179978	20.467	ug/l	100
79) tert-butylbenzene	11.77	119	193152	20.596	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	200275	20.569	ug/l	99
81) sec-Butylbenzene	11.94	105	231257	20.919	ug/l	99
82) p-Isopropyltoluene	12.06	119	212036	20.670	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	112974	20.764	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	109684	20.283	ug/l	98
85) n-Butylbenzene	12.38	91	177499	20.320	ug/l	99
86) Hexachloroethane	12.59	117	30828	19.054	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	112386	21.098	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	16580	20.447	ug/l	97
89) 1,2,4-Trichlorobenzene	13.65	180	75131	20.448	ug/l	99
90) Hexachlorobutadiene	13.78	225	36264	20.413	ug/l	99
91) Naphthalene	13.83	128	237094	21.148	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	77226	20.970	ug/l	99

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 19 03:27:28 2019
Response via : Initial Calibration

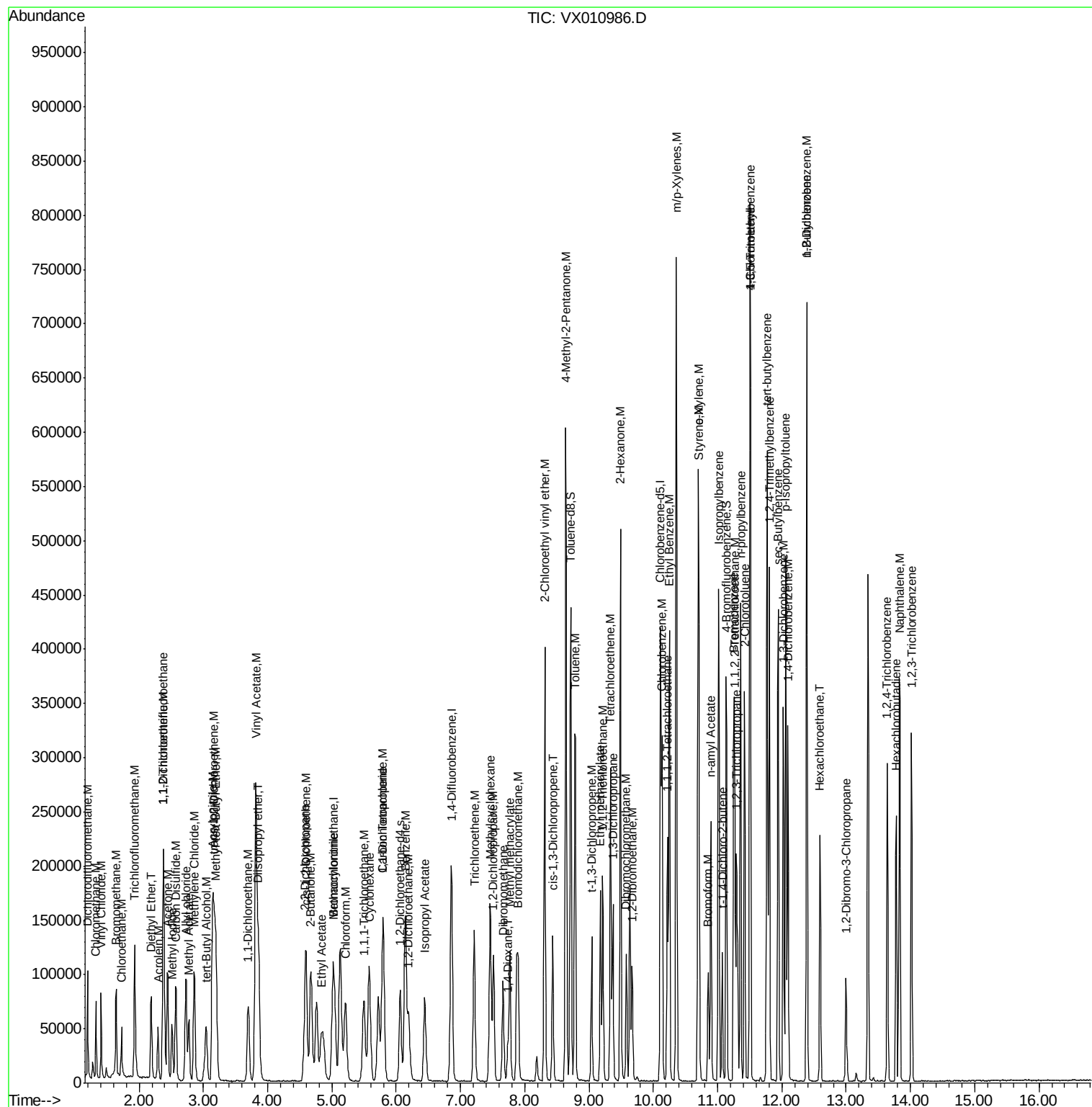
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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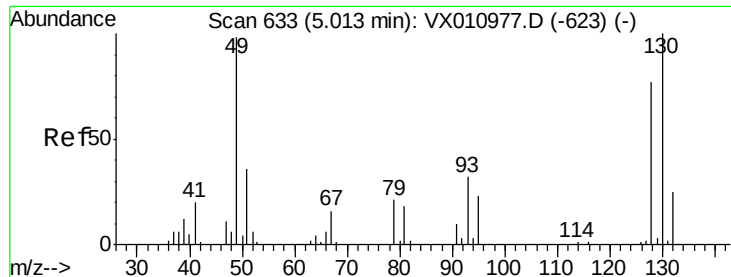
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 19 03:40:23 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:27:28 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.01 min

Lab File: VX010986.D

Acq: 19 Jul 2019 02:38

Instrument :

MSVOA_X

ClientSampleId :

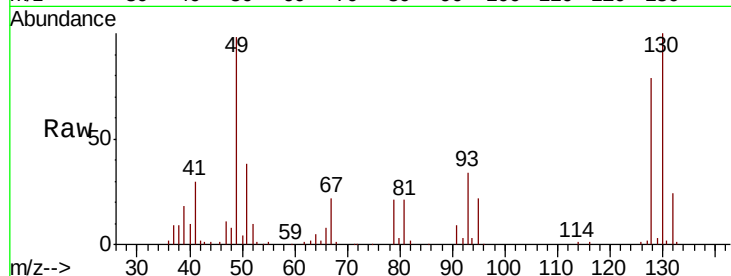
Tot Ion:128 Resp: 39312

Ion Ratio Lower Upper

128 100

49 136.1 0.0 343.5

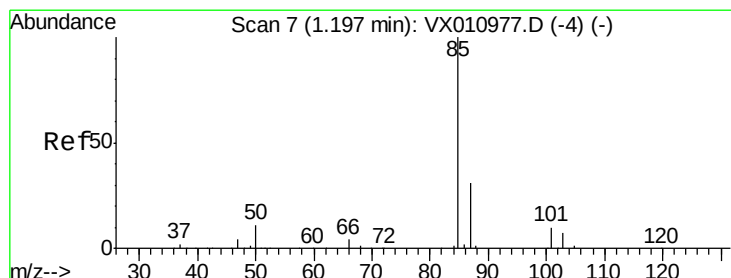
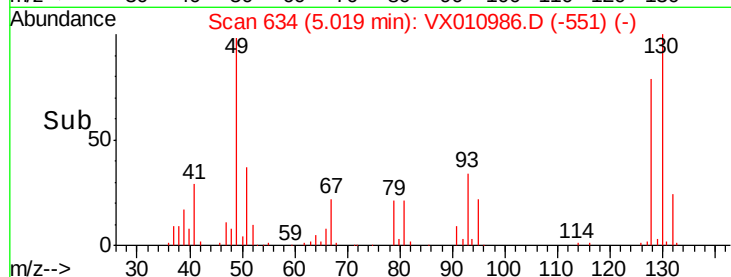
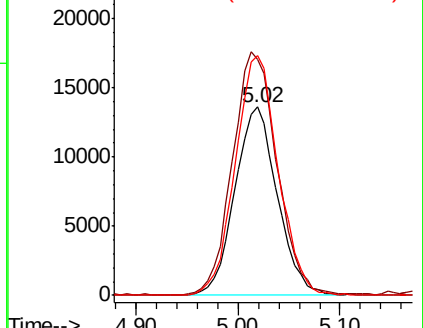
130 128.9 0.0 324.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 21.534 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010986.D

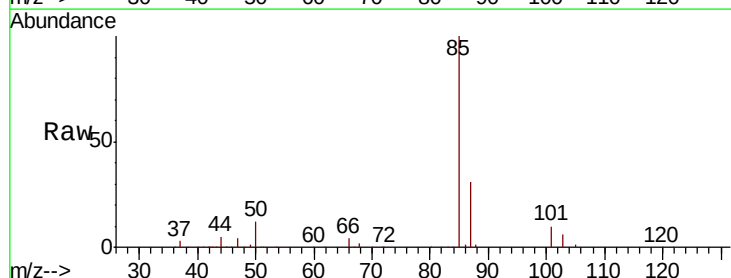
Acq: 19 Jul 2019 02:38

Tgt Ion: 85 Resp: 55966

Ion Ratio Lower Upper

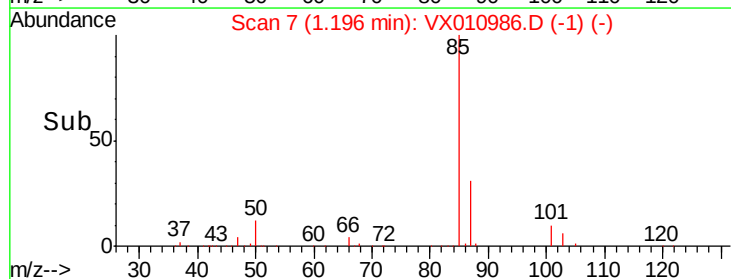
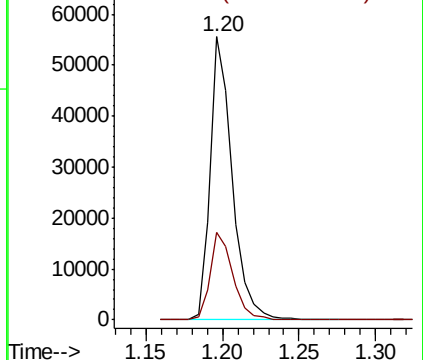
85 100

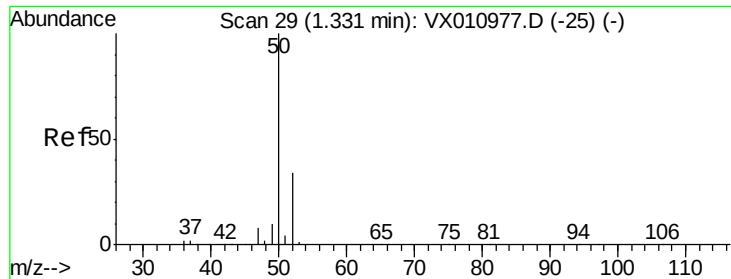
87 30.9 15.4 46.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 21.258 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX010986.D

Acq: 19 Jul 2019 02:38

Instrument :

MSVOA_X

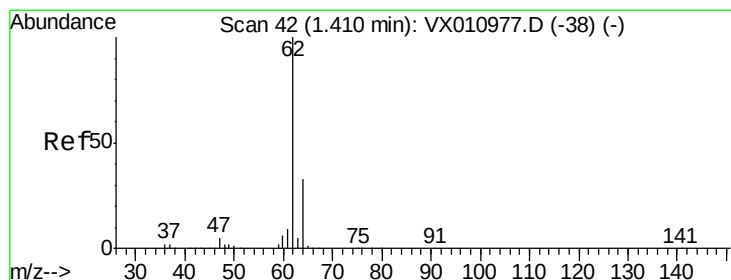
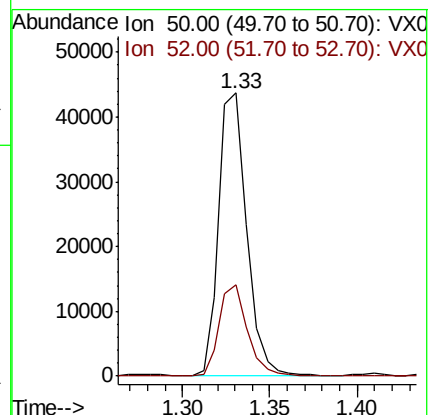
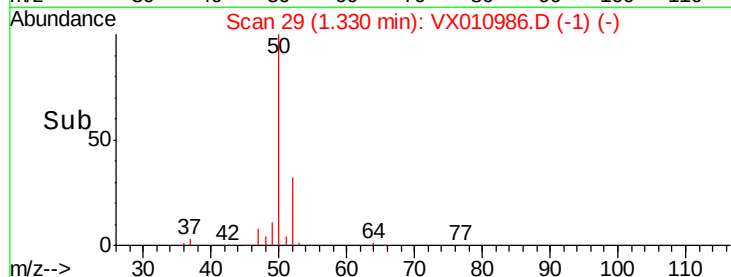
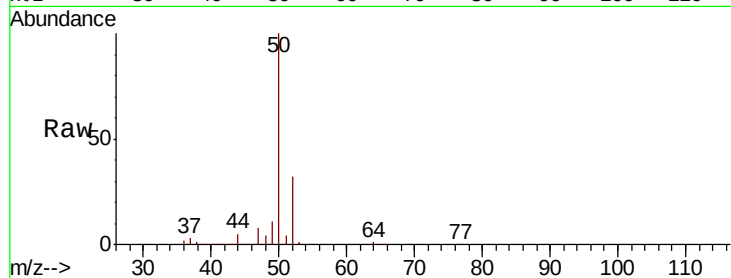
ClientSampleId :

Tot Ion: 50 Resp: 48584

Ion Ratio Lower Upper

50 100

52 32.0 27.3 40.9



#4

Vinyl Chloride

Concen: 20.625 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010986.D

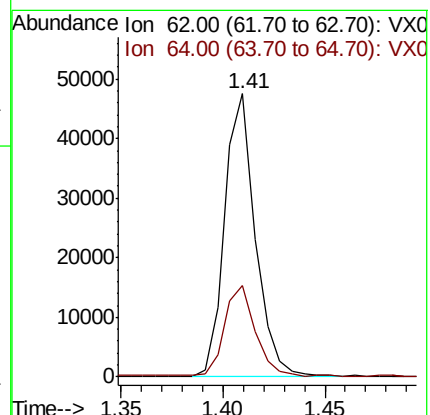
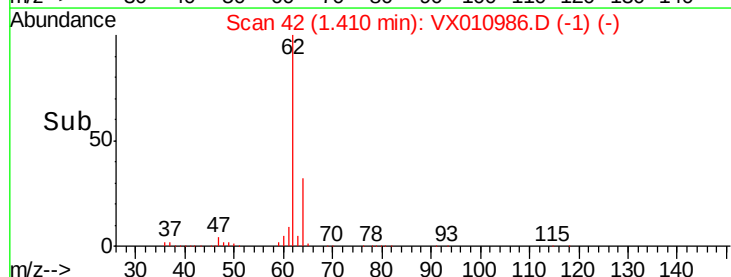
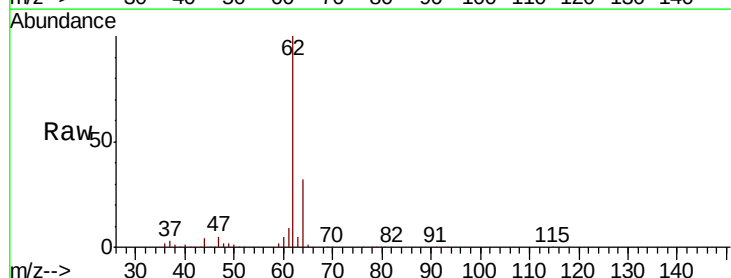
Acq: 19 Jul 2019 02:38

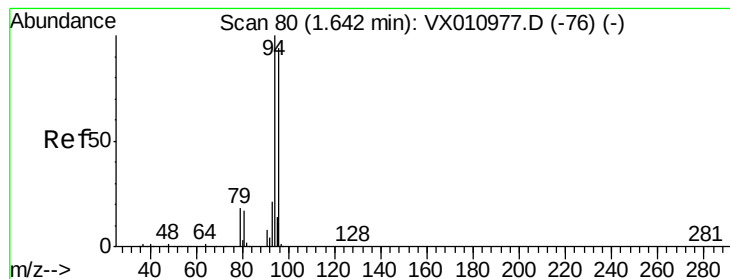
Tgt Ion: 62 Resp: 49157

Ion Ratio Lower Upper

62 100

64 31.9 26.8 40.2





#5

Bromomethane

Concen: 23.852 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX010986.D

Acq: 19 Jul 2019 02:38

Instrument :

MSVOA_X

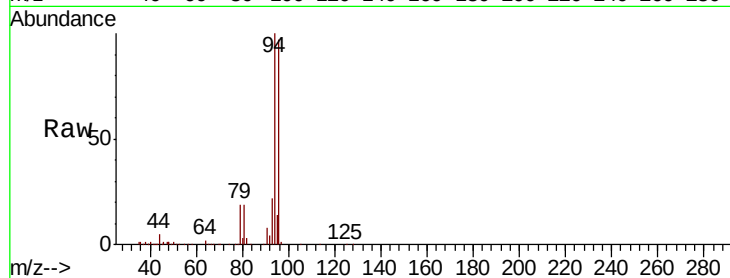
ClientSampleId :

Tot Ion: 94 Resp: 31293

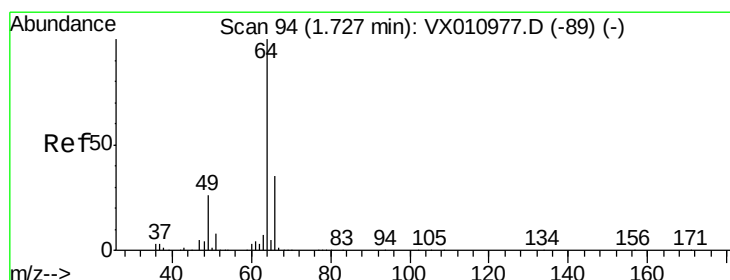
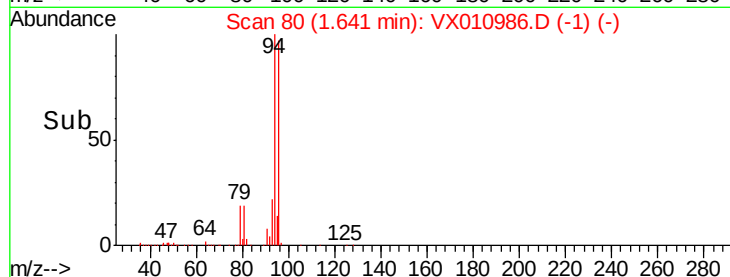
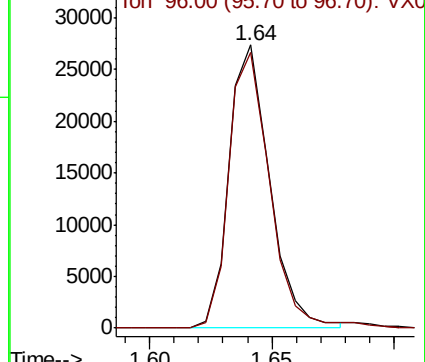
Ion Ratio Lower Upper

94 100

96 97.4 75.4 113.2



Abundance Ion 94.00 (93.70 to 94.70): VX0



#6

Chloroethane

Concen: 20.526 ug/l

RT: 1.73 min Scan# 94

Delta R.T. -0.00 min

Lab File: VX010986.D

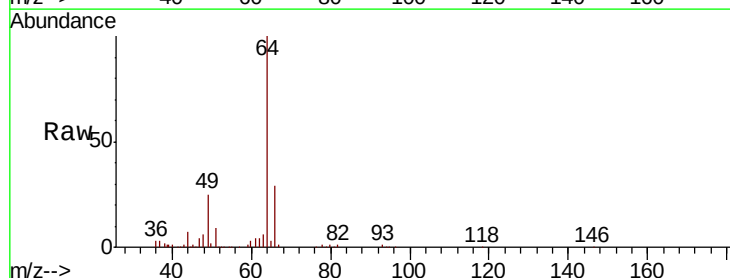
Acq: 19 Jul 2019 02:38

Tgt Ion: 64 Resp: 28942

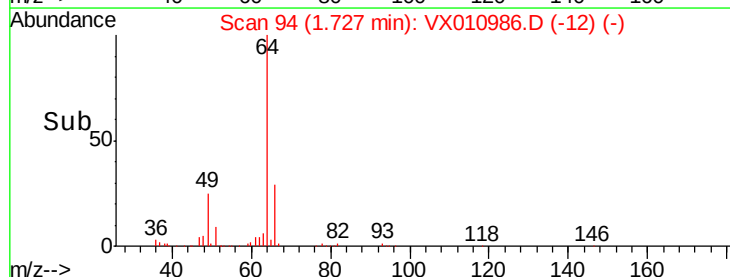
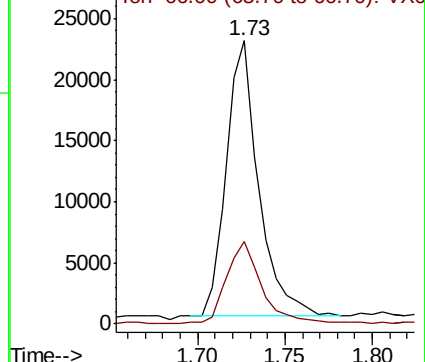
Ion Ratio Lower Upper

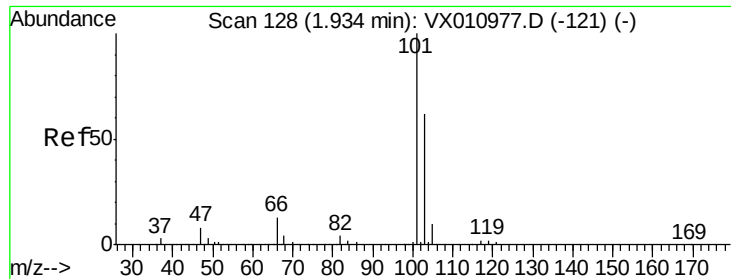
64 100

66 29.5 28.1 42.1



Abundance Ion 64.00 (63.70 to 64.70): VX0



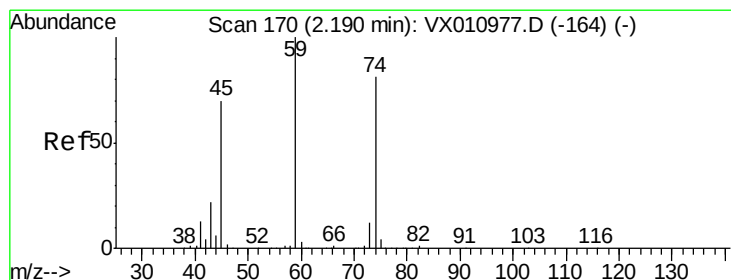
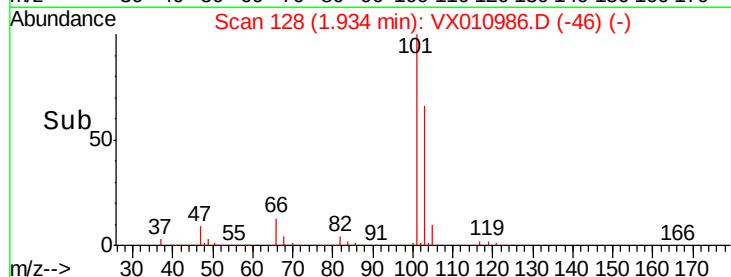
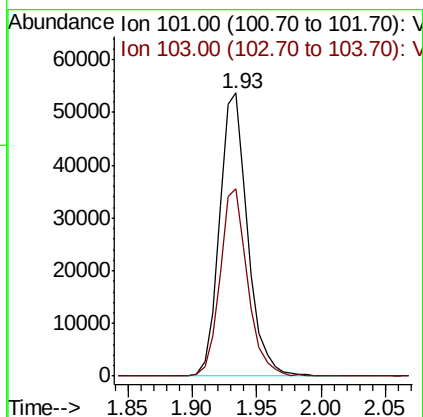
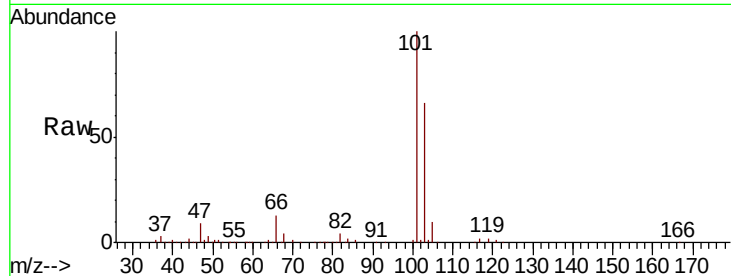


#7

Trichlorofluoromethane
Concen: 20.803 ug/l
RT: 1.93 min Scan# 128
Delta R.T. -0.00 min
Lab File: VX010986.D
Acq: 19 Jul 2019 02:38

Instrument :
MSVOA_X
ClientSampleId :

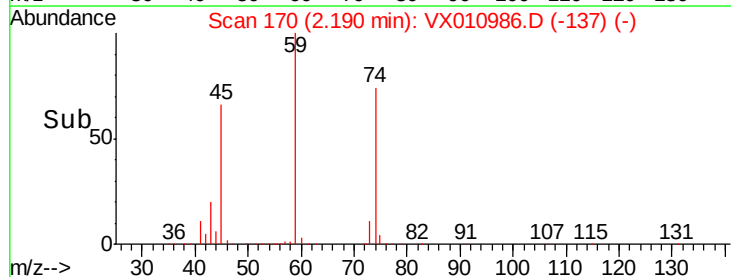
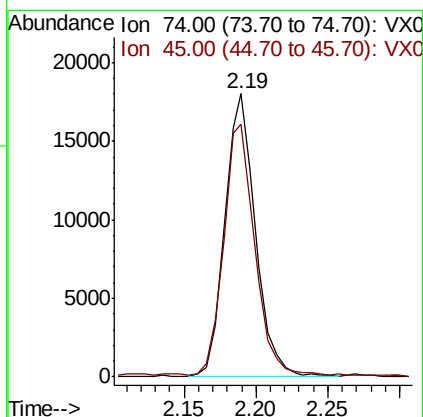
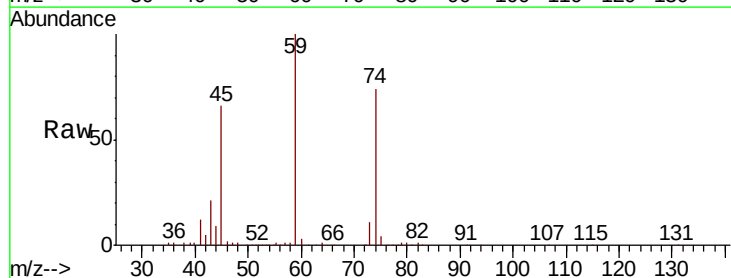
Tot Ion:101 Resp: 82342
Ion Ratio Lower Upper
101 100
103 66.1 49.6 74.4

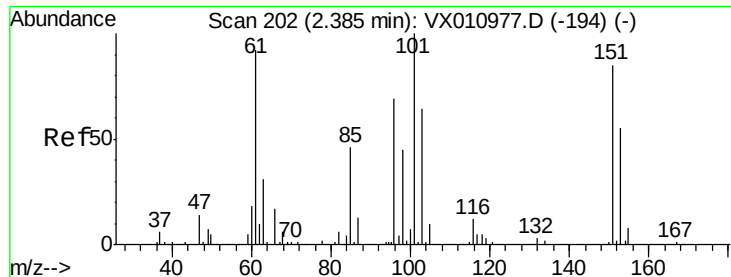


#8

Diethyl Ether
Concen: 20.645 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010986.D
Acq: 19 Jul 2019 02:38

Tgt Ion: 74 Resp: 26836
Ion Ratio Lower Upper
74 100
45 90.8 18.3 164.3

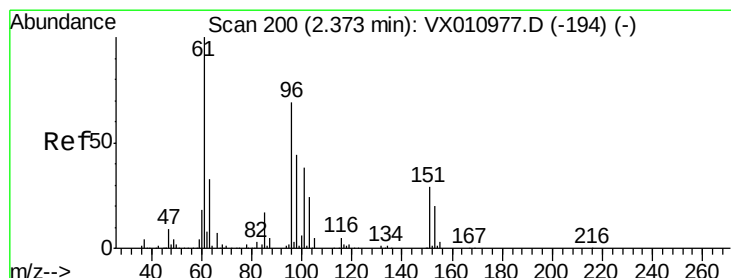
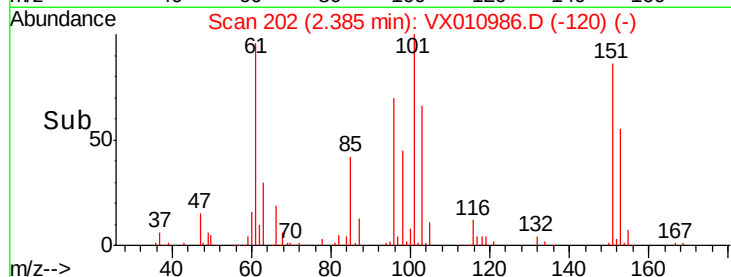
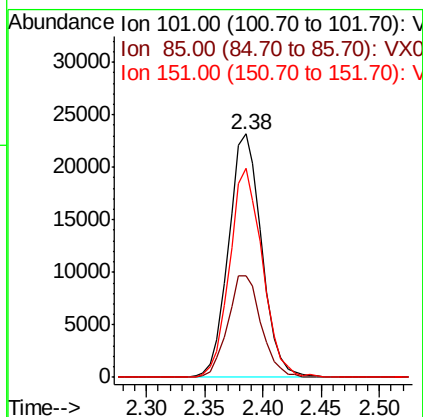
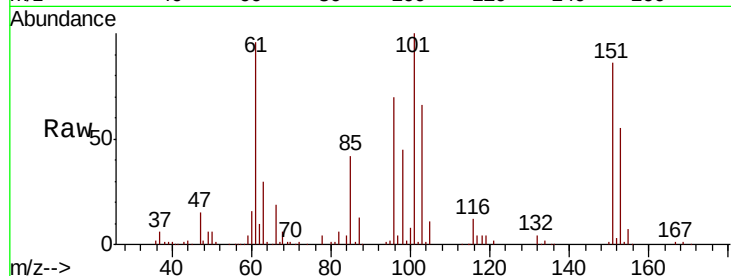




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.950 ug/l
 RT: 2.38 min Scan# 202
 Delta R.T. -0.00 min
 Lab File: VX010986.D
 Acq: 19 Jul 2019 02:38

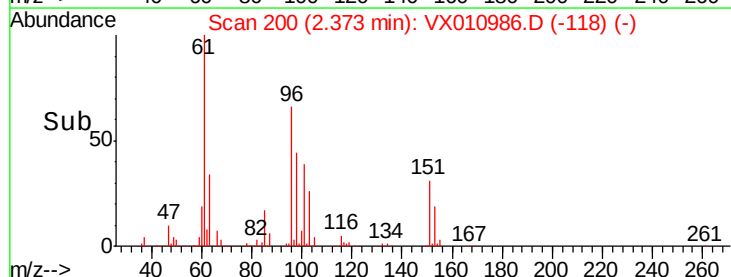
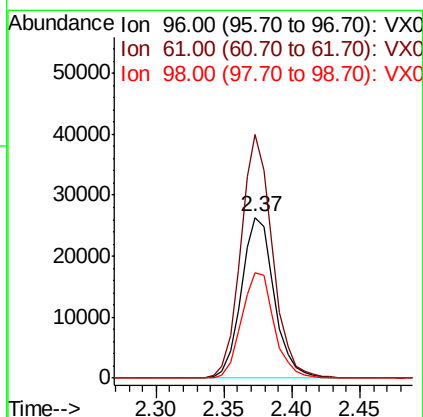
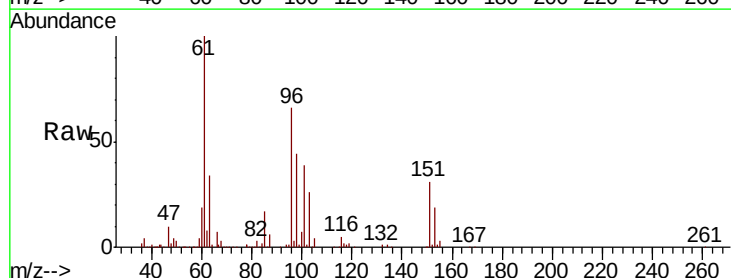
Instrument :
 MSVOA_X
 ClientSampleId :

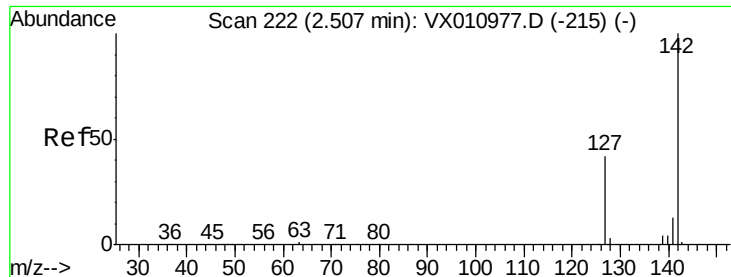
Tot Ion:101 Resp: 45833
 Ion Ratio Lower Upper
 101 100
 85 42.3 0.0 89.8
 151 85.2 0.0 172.2



#10
 1,1-Dichloroethene
 Concen: 20.156 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX010986.D
 Acq: 19 Jul 2019 02:38

Tgt Ion: 96 Resp: 44314
 Ion Ratio Lower Upper
 96 100
 61 151.7 115.9 173.9
 98 66.0 50.6 75.8

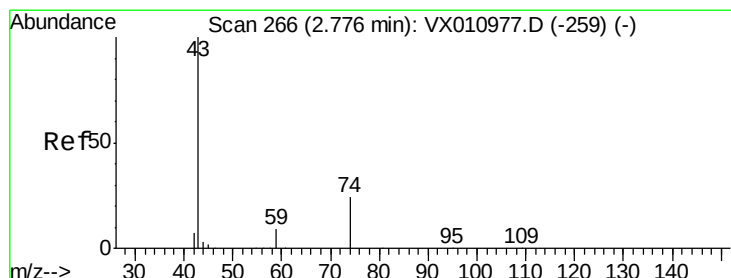
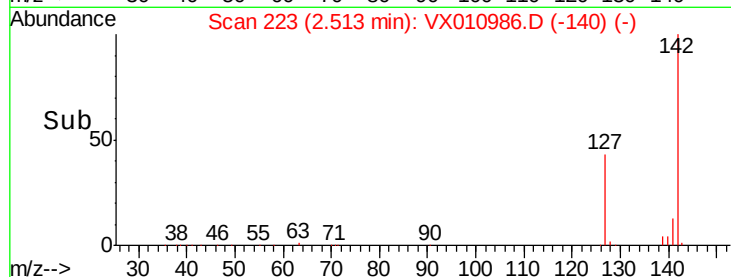
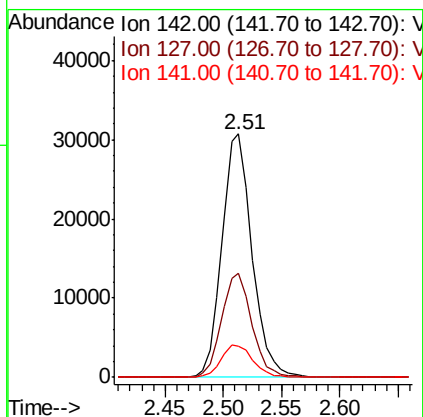
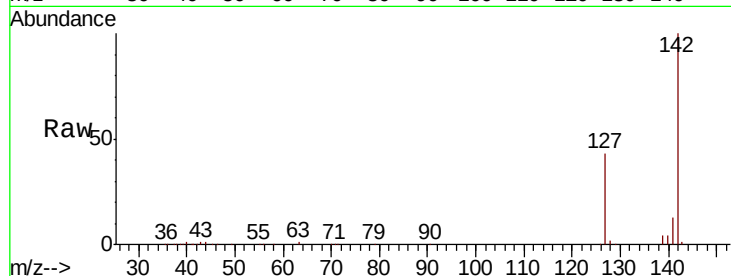




#11
Methvl Iodide
Concen: 18.635 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX010986.D
Acq: 19 Jul 2019 02:38

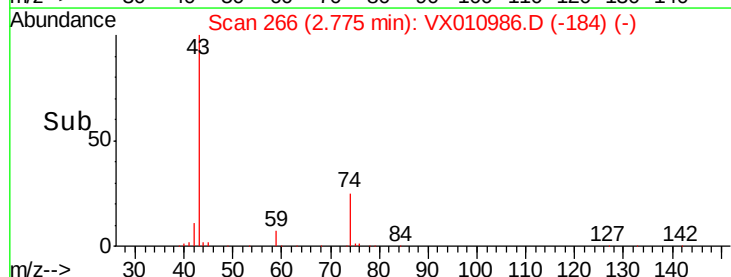
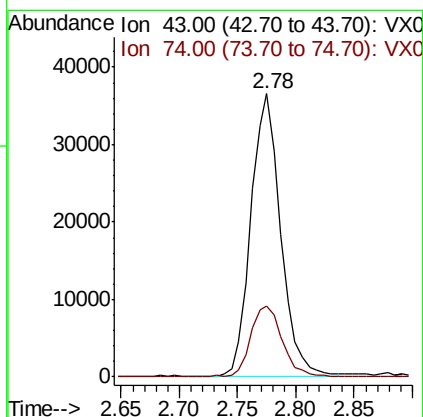
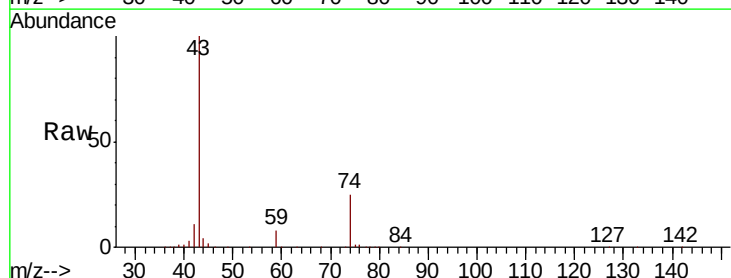
Instrument :
MSVOA_X
ClientSampled :

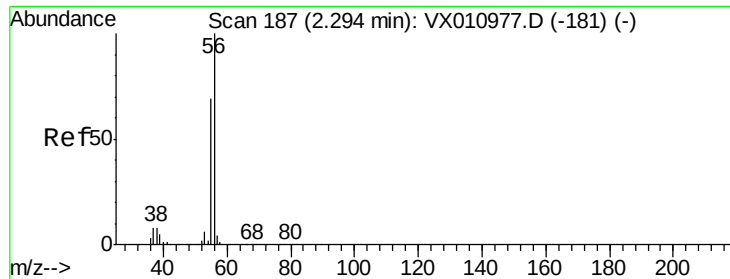
Tot Ion:142 Resp: 55017
Ion Ratio Lower Upper
142 100
127 42.6 20.7 62.1
141 13.0 6.7 20.0



#12
Methyl Acetate
Concen: 21.091 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010986.D
Acq: 19 Jul 2019 02:38

Tgt Ion: 43 Resp: 65127
Ion Ratio Lower Upper
43 100
74 25.2 19.8 29.6





#13

Acrolein

Concen: 95.149 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010986.D

Acq: 19 Jul 2019 02:38

Instrument :

MSVOA_X

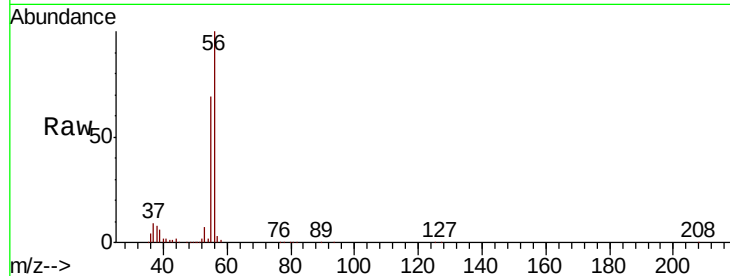
ClientSampled :

Tot Ion: 56 Resp: 35228

Ion Ratio Lower Upper

56 100

55 71.1 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

25000

20000

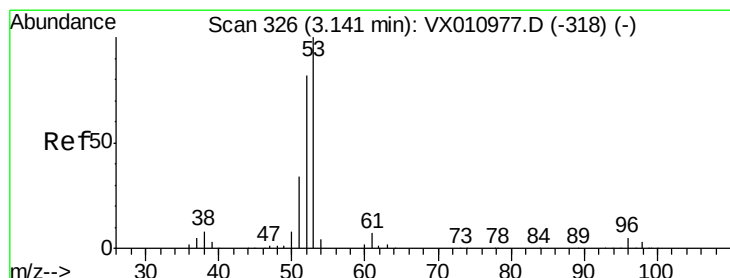
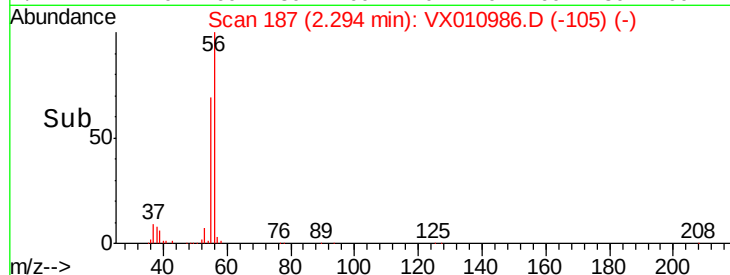
15000

10000

5000

0

Time--> 2.20 2.25 2.30 2.35



#14

Acrylonitrile

Concen: 101.726 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010986.D

Acq: 19 Jul 2019 02:38

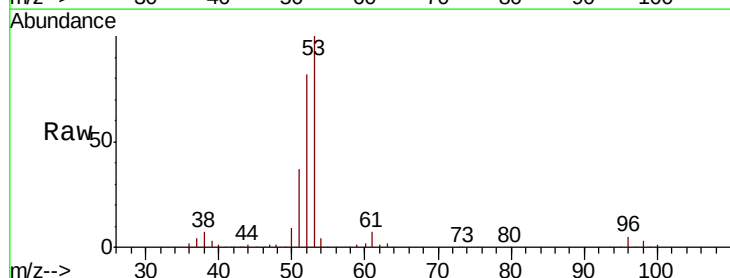
Tgt Ion: 53 Resp: 122941

Ion Ratio Lower Upper

53 100

52 84.1 41.1 123.4

51 35.8 17.8 53.3



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

80000

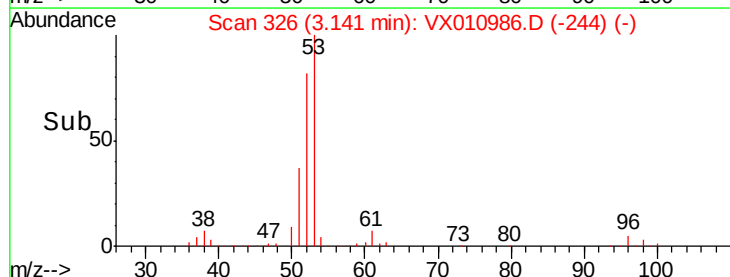
60000

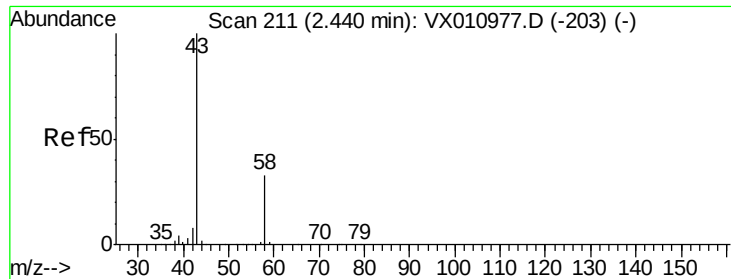
40000

20000

0

Time--> 3.05 3.10 3.15 3.20 3.25





#15

Acetone

Concen: 104.343 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX010986.D

Acq: 19 Jul 2019 02:38

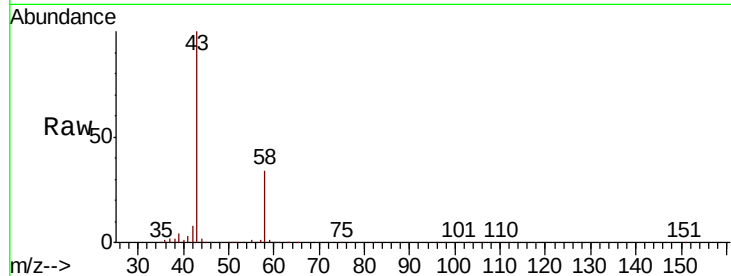
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 35115

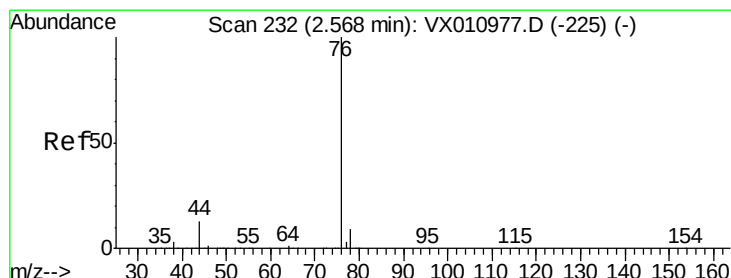
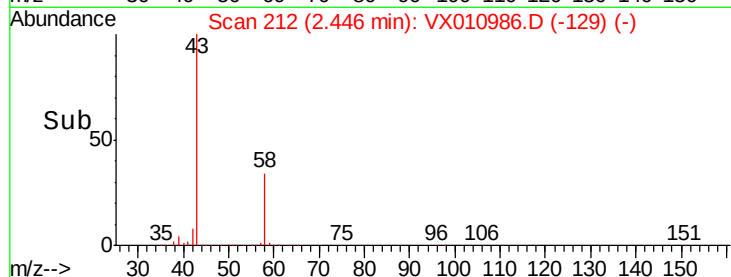
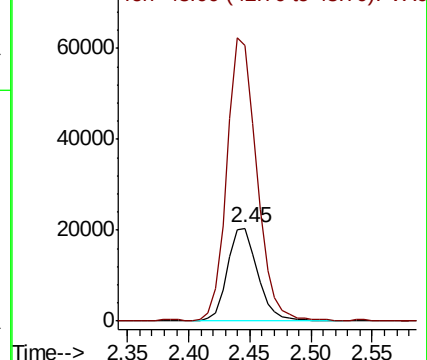
Ion Ratio Lower Upper

58 100

43 296.1 243.8 365.6



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



#16

Carbon Disulfide

Concen: 20.130 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010986.D

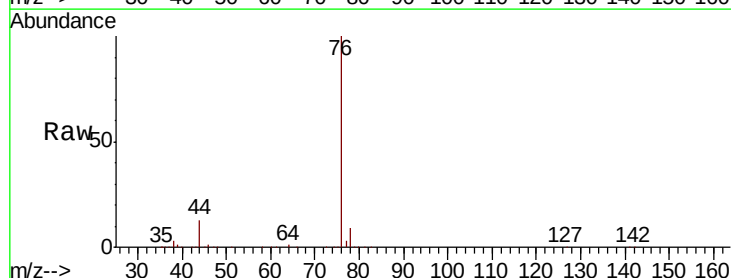
Acq: 19 Jul 2019 02:38

Tgt Ion: 76 Resp: 113722

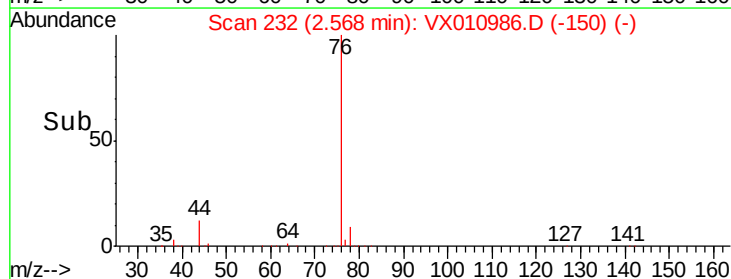
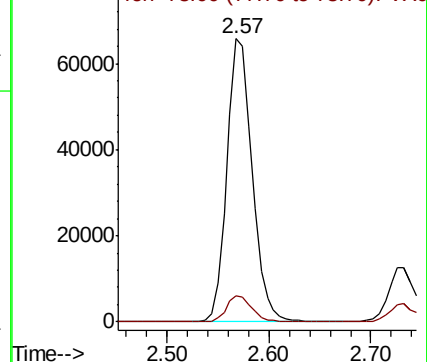
Ion Ratio Lower Upper

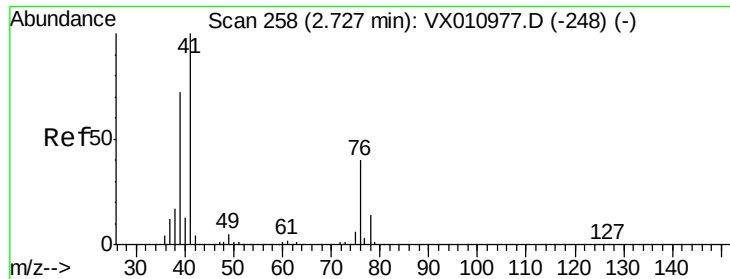
76 100

78 9.3 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0

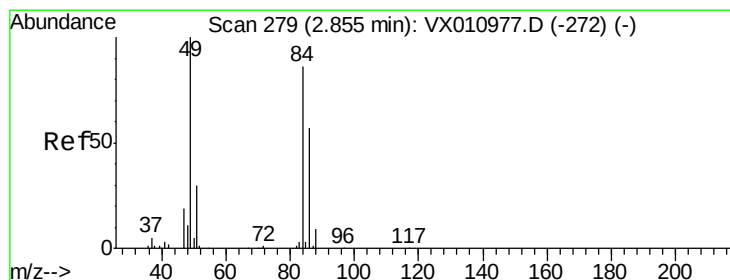
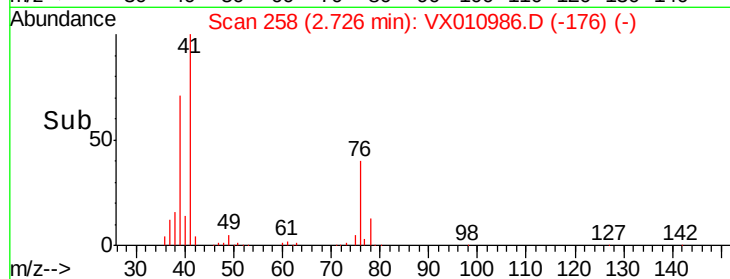
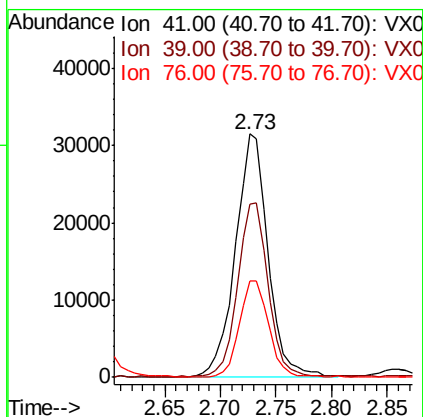
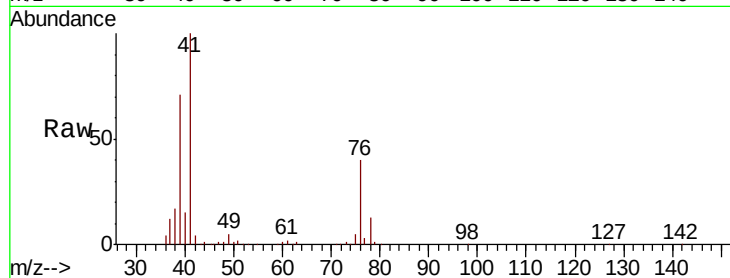




#17
Allvl chloride
Concen: 19.864 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX010986.D
Acq: 19 Jul 2019 02:38

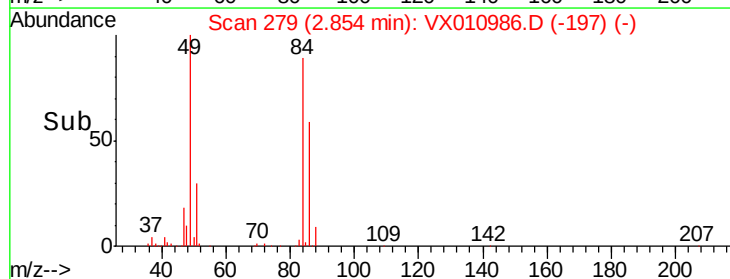
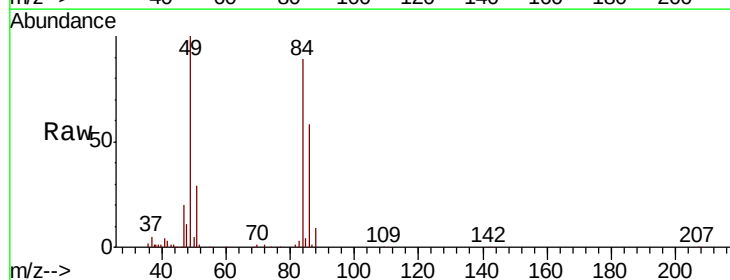
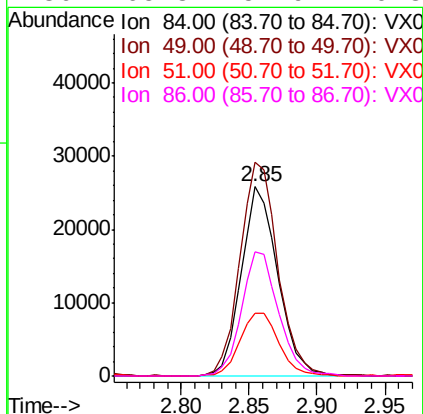
Instrument :
MSVOA_X
ClientSampleId :

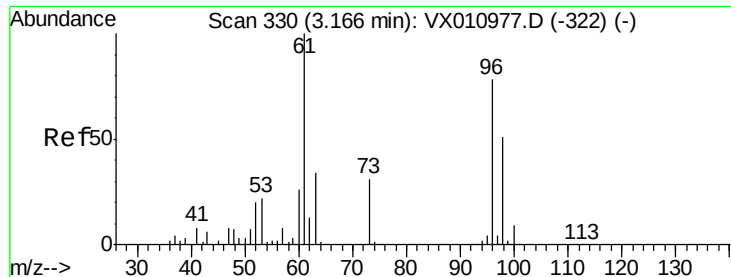
Tot Ion: 41 Resp: 63223
Ion Ratio Lower Upper
41 100
39 70.9 36.1 108.3
76 39.4 20.2 60.5



#18
Methylene Chloride
Concen: 19.795 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010986.D
Acq: 19 Jul 2019 02:38

Tgt Ion: 84 Resp: 48461
Ion Ratio Lower Upper
84 100
49 112.5 93.2 139.8
51 33.0 28.6 42.8
86 65.8 52.9 79.3

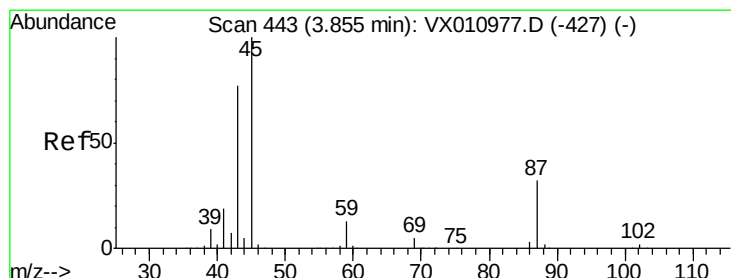
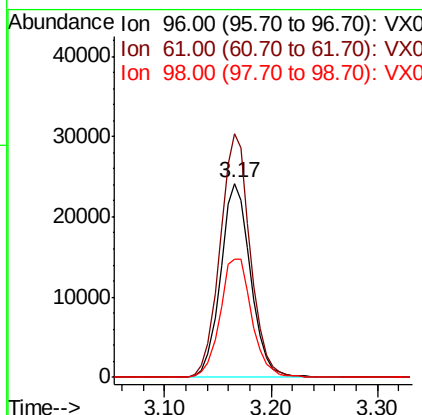
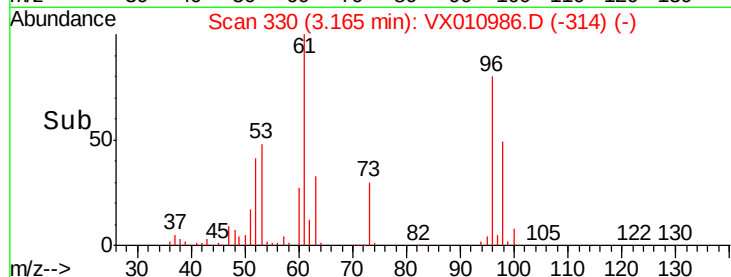
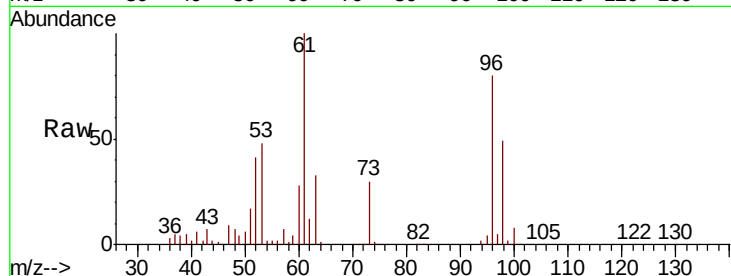




#19
trans-1,2-Dichloroethene
Concen: 20.386 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX010986.D
Acq: 19 Jul 2019 02:38

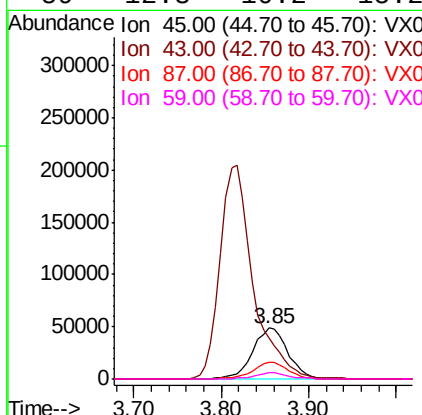
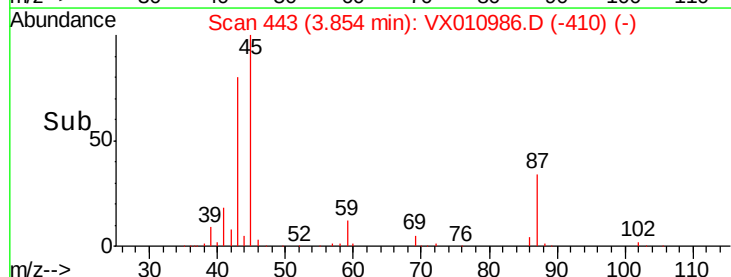
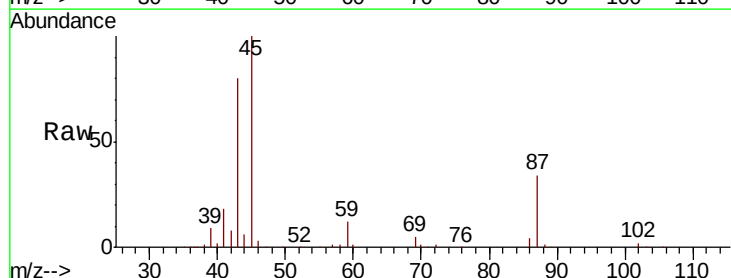
Instrument :
MSVOA_X
ClientSampleId :

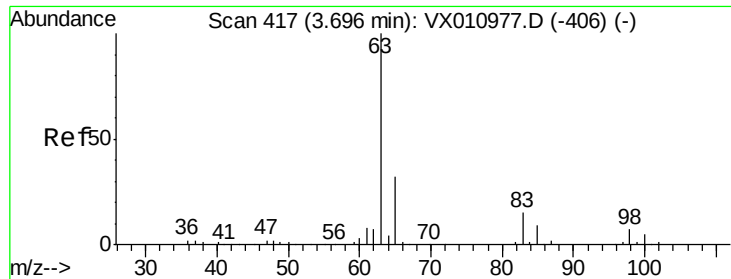
Tot Ion: 96 Resp: 47348
Ion Ratio Lower Upper
96 100
61 125.3 102.2 153.4
98 61.0 52.2 78.2



#20
Diisopropyl ether
Concen: 20.307 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX010986.D
Acq: 19 Jul 2019 02:38

Tgt Ion: 45 Resp: 136451
Ion Ratio Lower Upper
45 100
43 80.1 61.5 92.3
87 33.9 25.4 38.2
59 12.3 10.2 15.2





#21

1,1-Dichloroethane

Concen: 20.496 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010986.D

Acq: 19 Jul 2019 02:38

Instrument :

MSVOA_X

ClientSampleId :

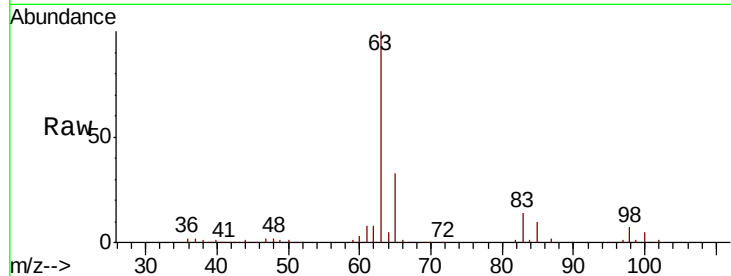
Tot Ion: 63 Resp: 79255

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.2

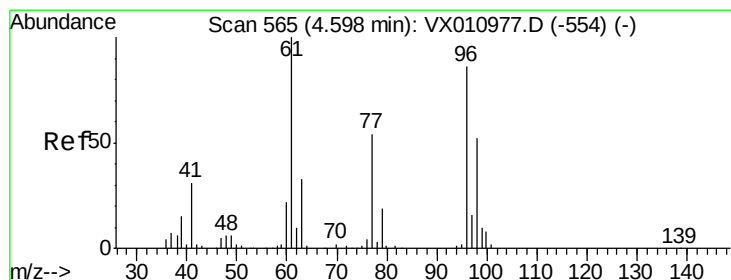
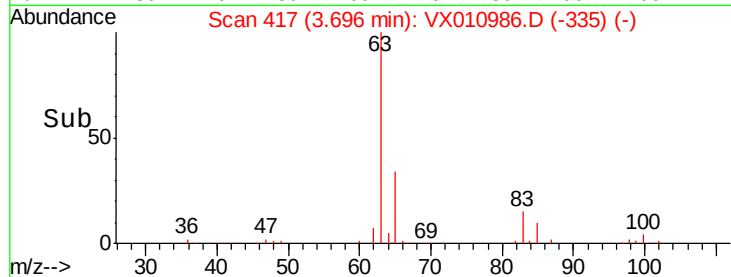
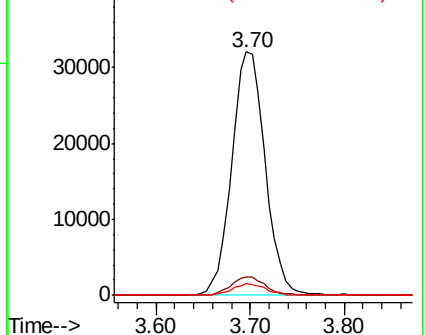
100 5.1 2.5 7.4



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 20.227 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX010986.D

Acq: 19 Jul 2019 02:38

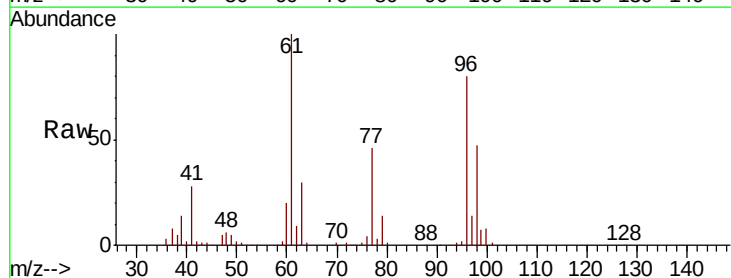
Tgt Ion: 96 Resp: 54031

Ion Ratio Lower Upper

96 100

61 127.7 102.9 154.3

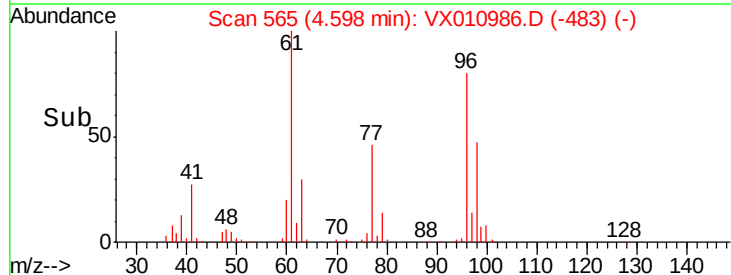
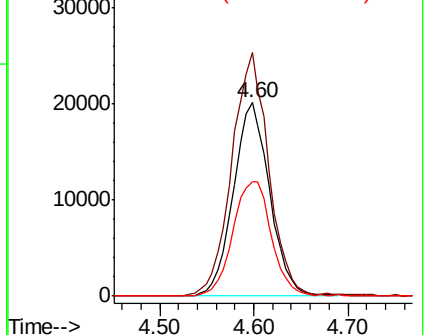
98 62.8 50.9 76.3

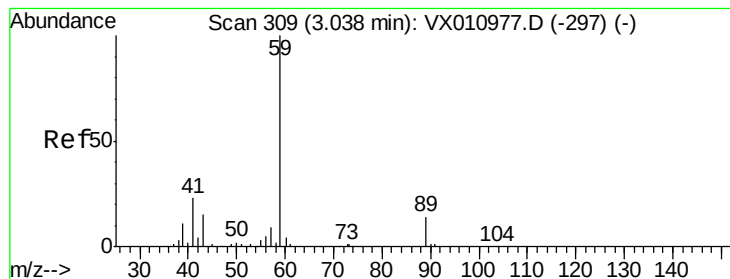


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



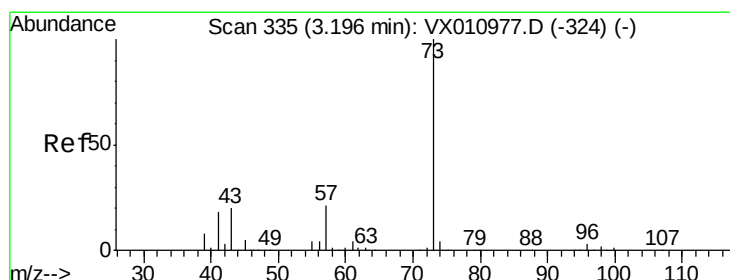
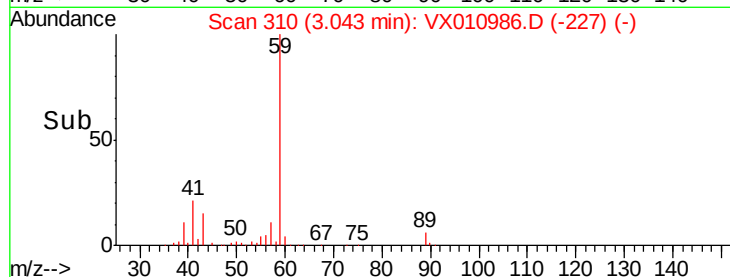
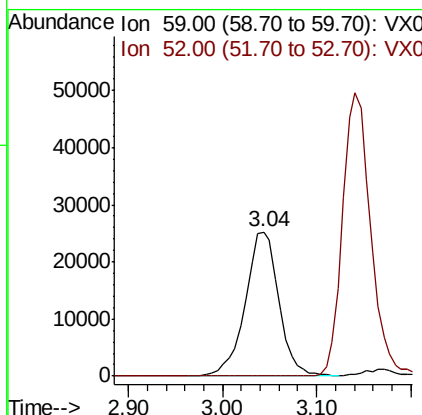
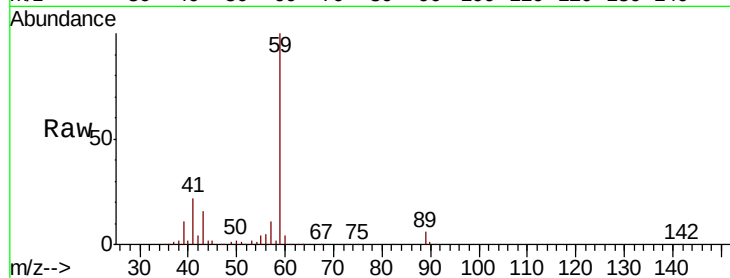


#23

tert-Butyl Alcohol
 Concen: 100.029 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: VX010986.D
 Acq: 19 Jul 2019 02:38

Instrument :
 MSVOA_X
 ClientSampled :

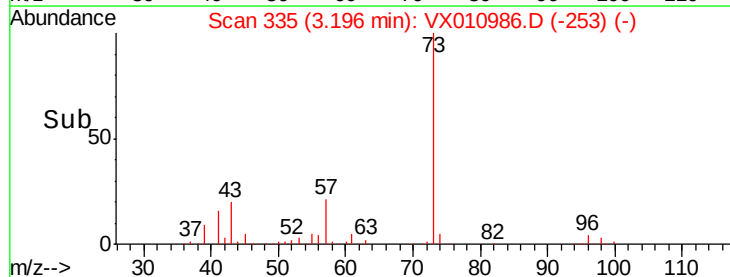
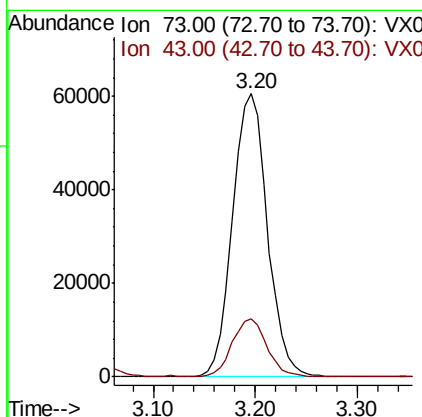
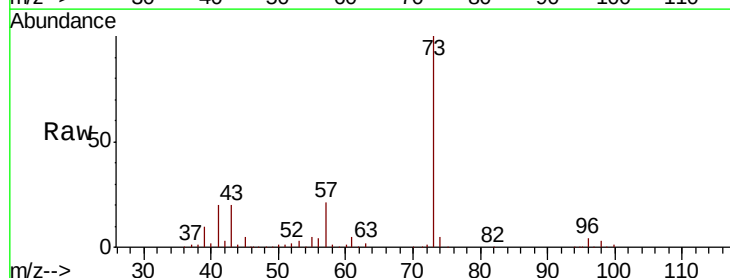
Tot Ion: 59 Resp: 63118
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.2 0.4#

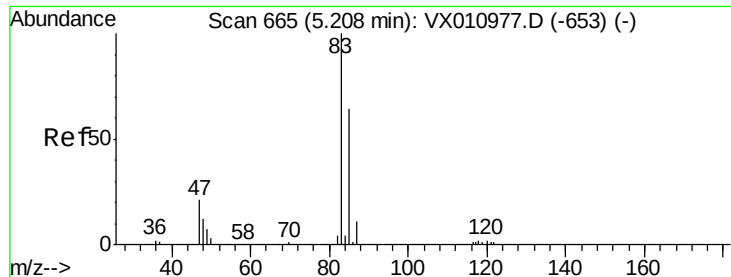


#24

Methyl tert-Butyl Ether
 Concen: 20.278 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX010986.D
 Acq: 19 Jul 2019 02:38

Tgt Ion: 73 Resp: 143116
 Ion Ratio Lower Upper
 73 100
 43 20.2 15.8 23.6

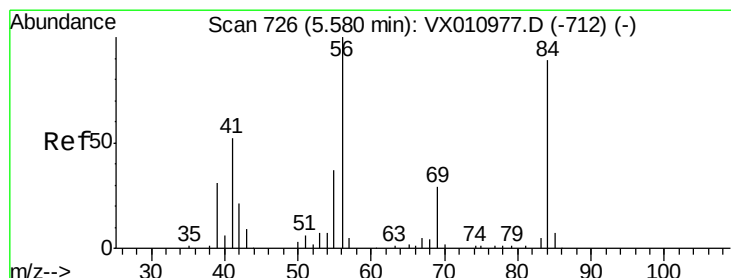
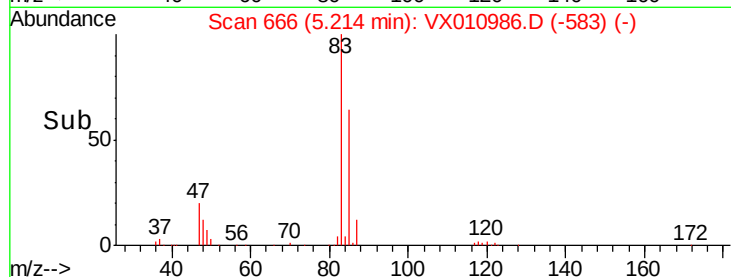
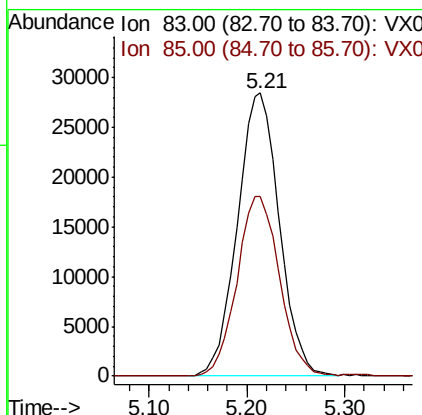
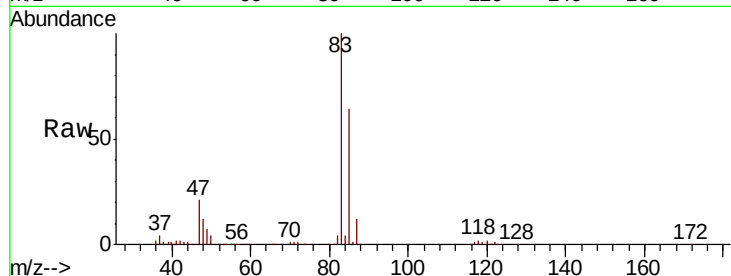




#25
Chloroform
Concen: 20.042 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010986.D
Acq: 19 Jul 2019 02:38

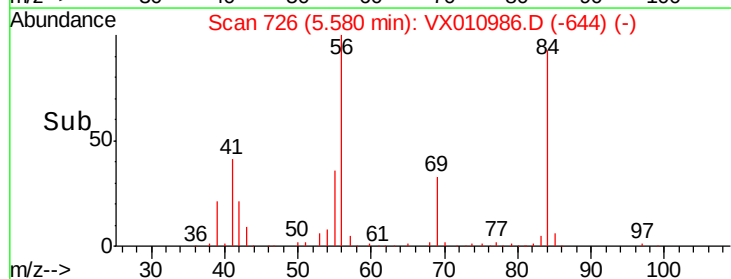
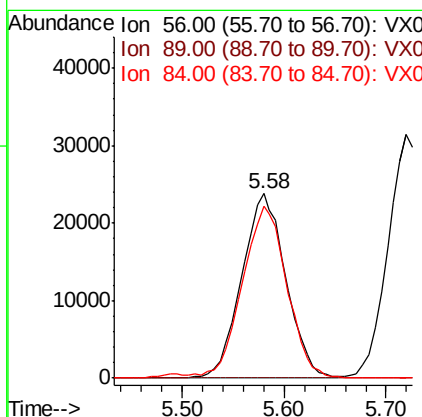
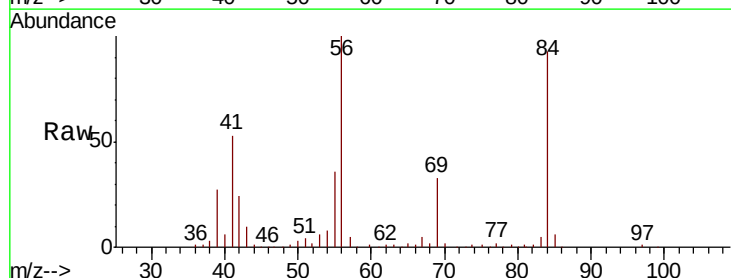
Instrument :
MSVOA_X
ClientSampleId :

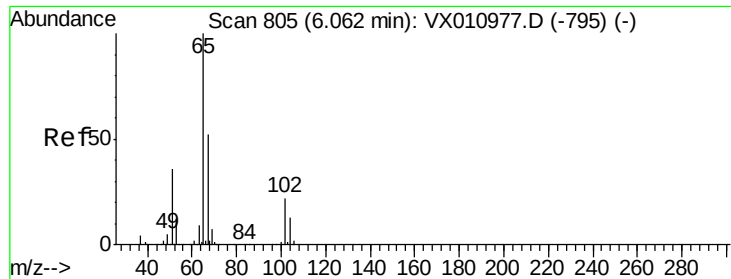
Tot Ion: 83 Resp: 84880
Ion Ratio Lower Upper
83 100
85 63.7 50.9 76.3



#26
Cyclohexane
Concen: 20.159 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010986.D
Acq: 19 Jul 2019 02:38

Tgt Ion: 56 Resp: 71330
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 93.8 73.0 109.4





#27

1,2-Dichloroethane-d4

Concen: 29.311 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010986.D

Acq: 19 Jul 2019 02:38

Instrument :

MSVOA_X

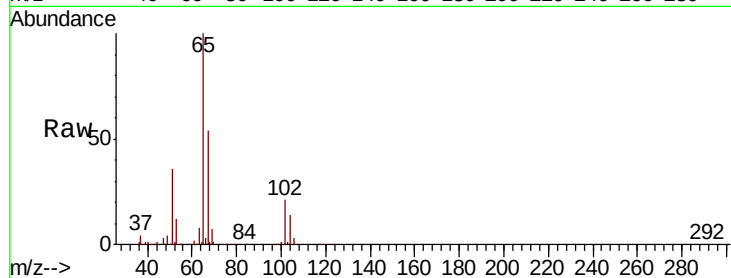
ClientSampleId :

Tot Ion: 65 Resp: 78117

Ion Ratio Lower Upper

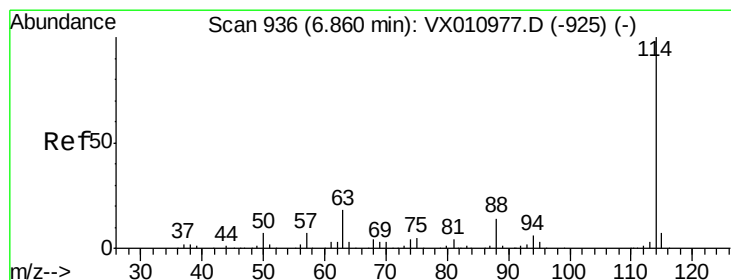
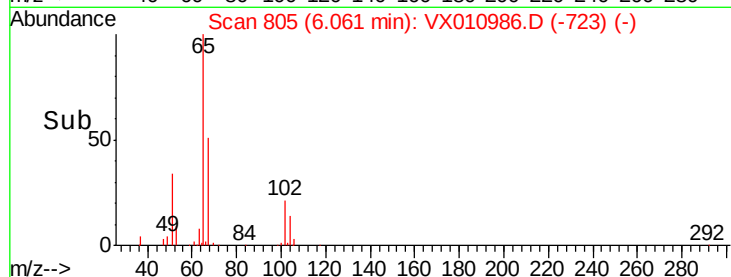
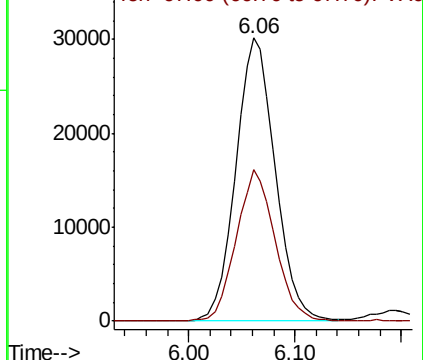
65 100

67 52.6 41.7 62.5



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010986.D

Acq: 19 Jul 2019 02:38

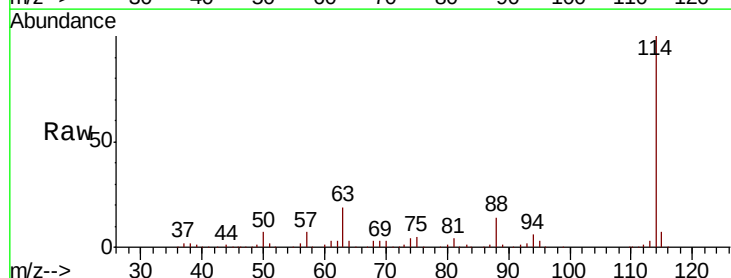
Tgt Ion: 114 Resp: 215800

Ion Ratio Lower Upper

114 100

63 18.4 14.6 22.0

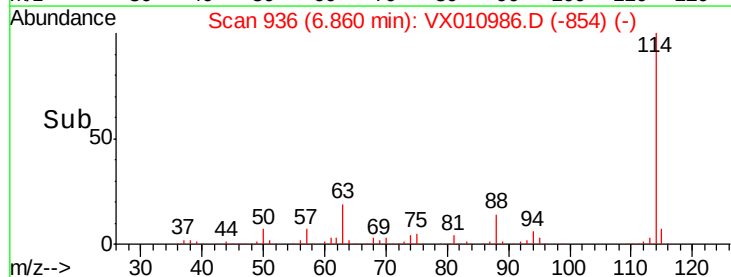
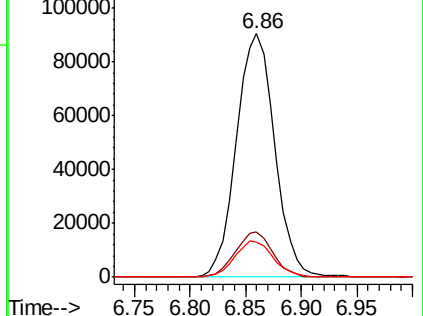
88 15.0 11.8 17.8

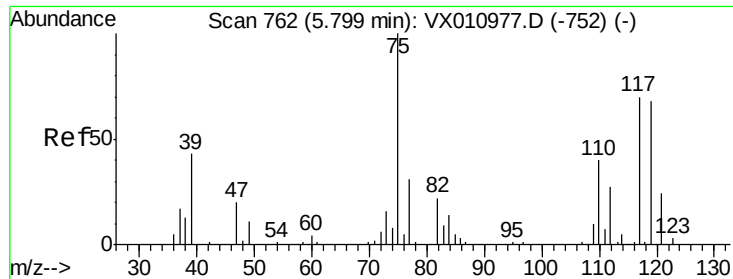


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

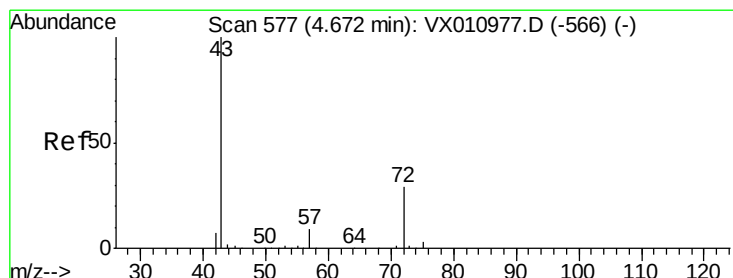
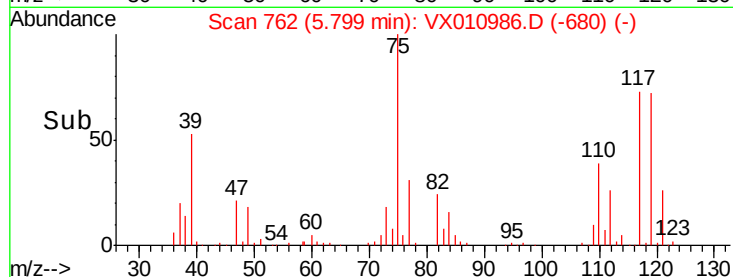
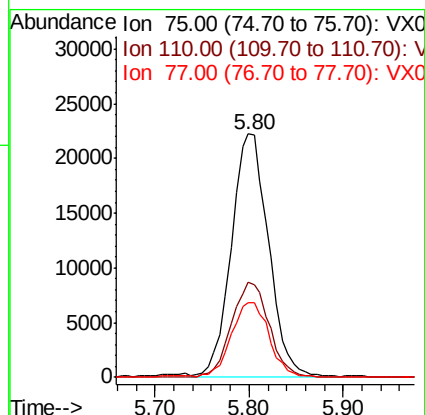
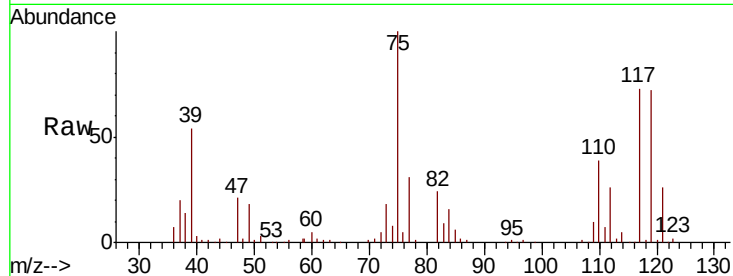




#29
 1,1-Dichloropropene
 Concen: 20.265 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010986.D
 Acq: 19 Jul 2019 02:38

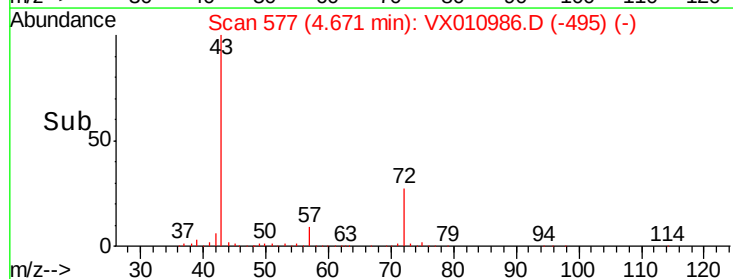
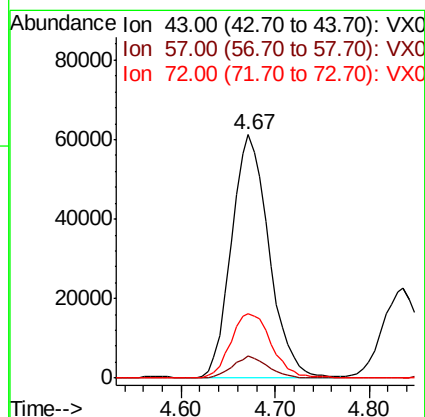
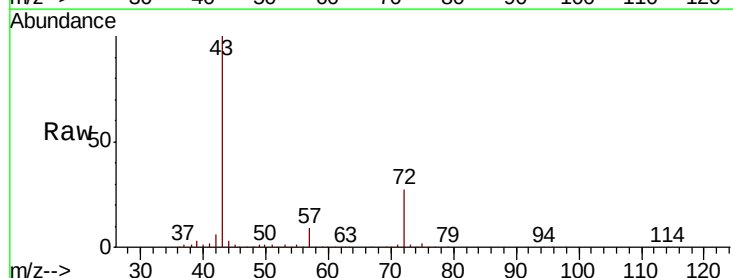
Instrument :
 MSVOA_X
 ClientSampled :

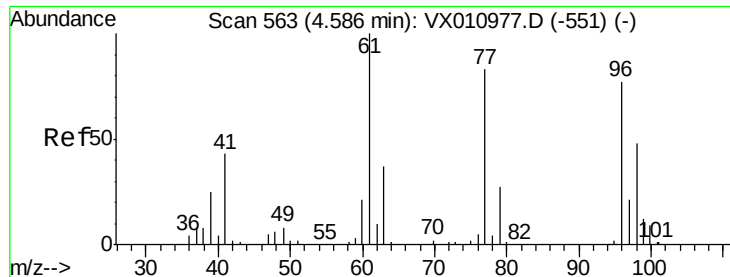
Tot Ion	Ratio	Lower	Upper
75	100		
110	39.5	0.0	79.8
77	31.3	0.0	62.2



#30
 2-Butanone
 Concen: 103.251 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VX010986.D
 Acq: 19 Jul 2019 02:38

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.5	6.8	10.2
72	28.9	23.2	34.8





#31

2,2-Dichloropropane

Concen: 17.612 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX010986.D

Acq: 19 Jul 2019 02:38

Instrument :

MSVOA_X

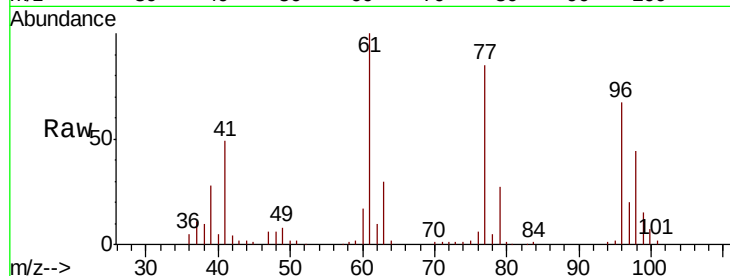
ClientSampleId :

Tot Ion: 77 Resp: 46656

Ion Ratio Lower Upper

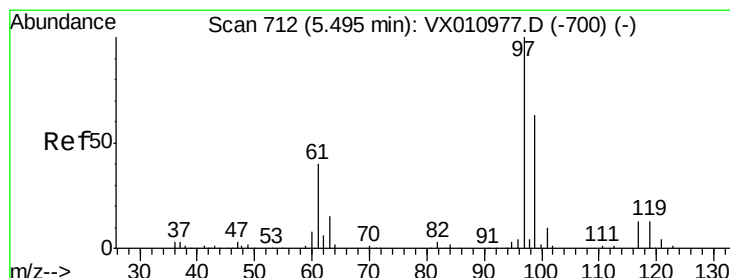
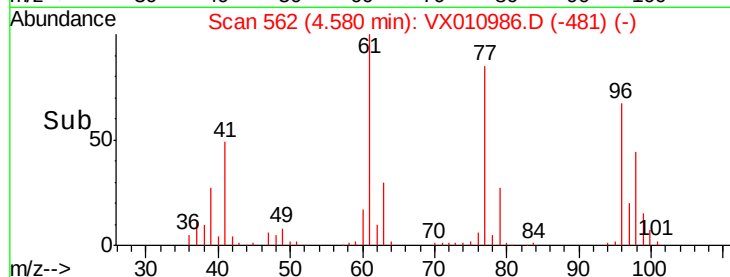
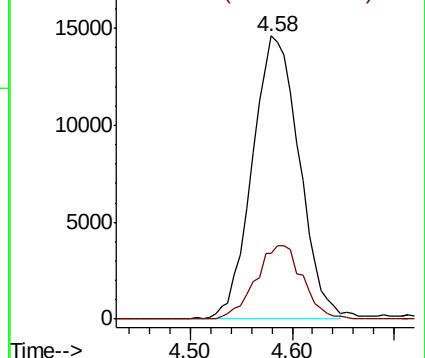
77 100

97 25.7 20.9 31.3



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.877 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX010986.D

Acq: 19 Jul 2019 02:38

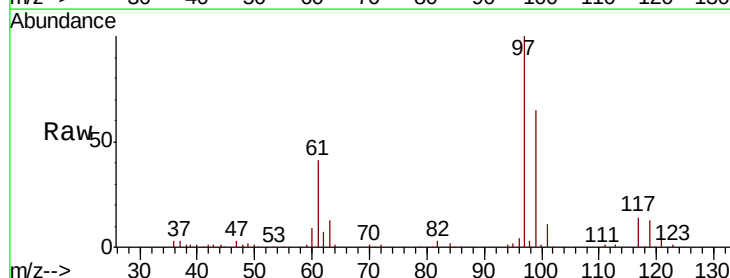
Tgt Ion: 97 Resp: 72744

Ion Ratio Lower Upper

97 100

99 65.9 51.0 76.6

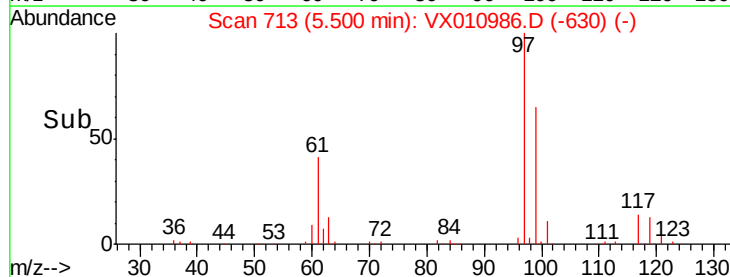
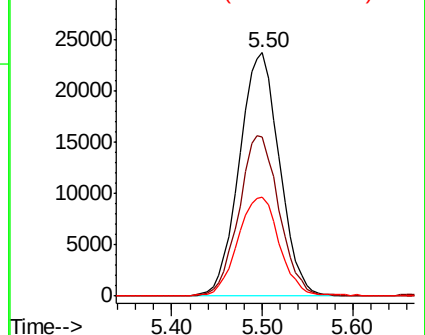
61 42.4 34.3 51.5

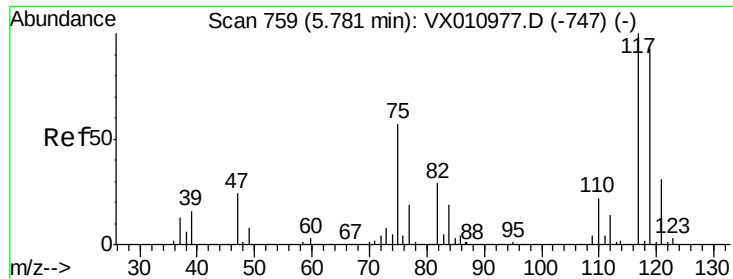


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

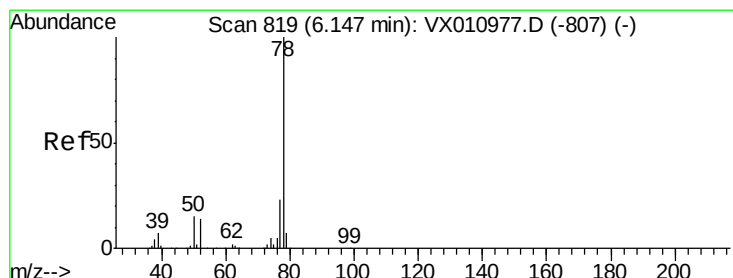
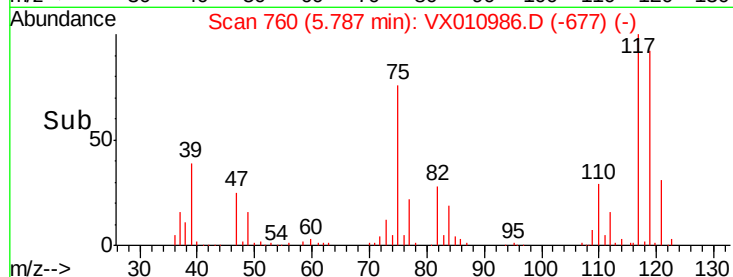
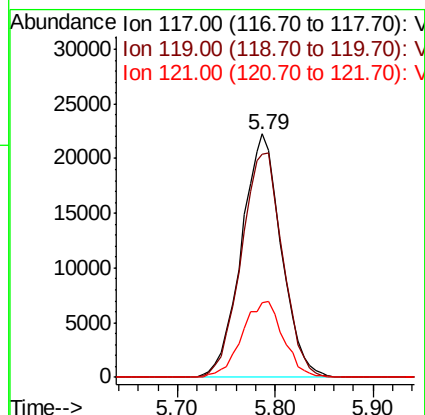
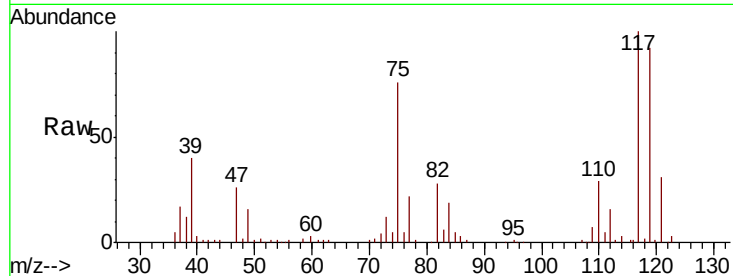




#33
Carbon Tetrachloride
Concen: 19.702 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010986.D
Acq: 19 Jul 2019 02:38

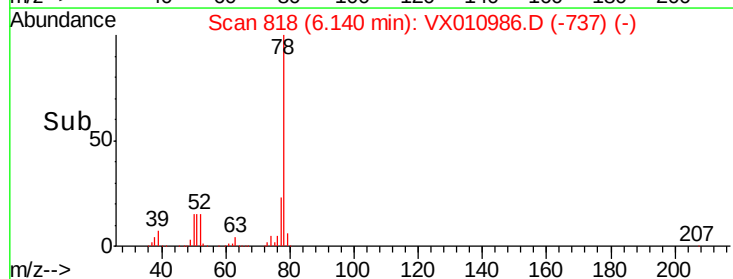
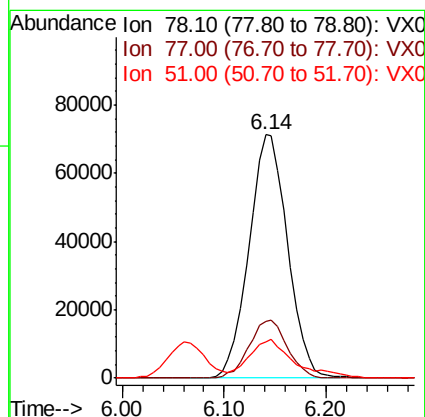
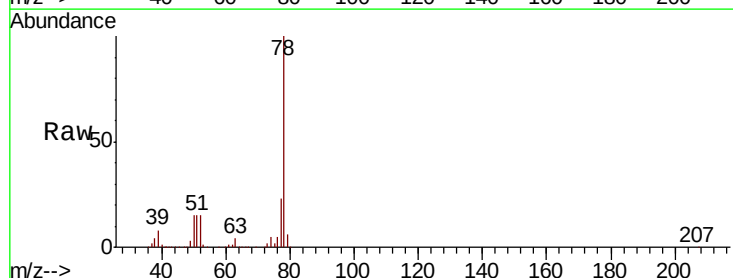
Instrument :
MSVOA_X
ClientSampleId :

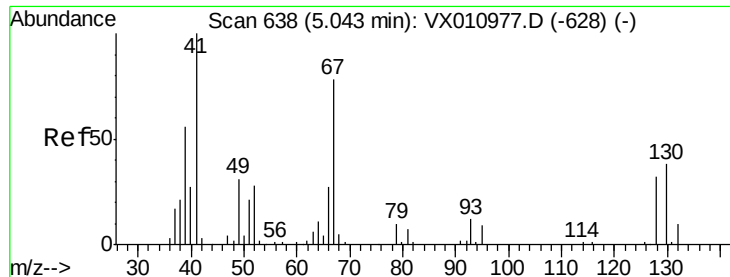
Tot Ion:117 Resp: 62692
Ion Ratio Lower Upper
117 100
119 91.4 74.3 111.5
121 30.9 24.9 37.3



#34
Benzene
Concen: 20.588 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX010986.D
Acq: 19 Jul 2019 02:38

Tgt Ion: 78 Resp: 187424
Ion Ratio Lower Upper
78 100
77 23.4 18.2 27.4
51 13.2 11.4 17.2

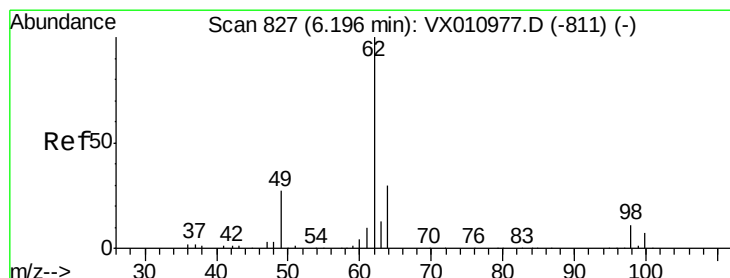
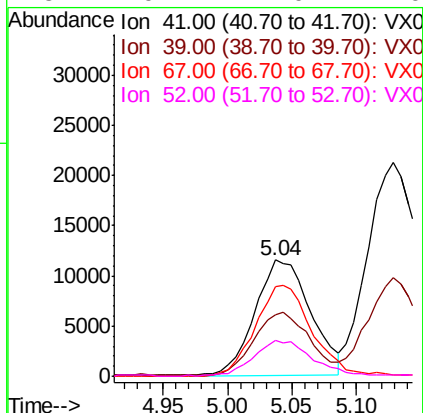
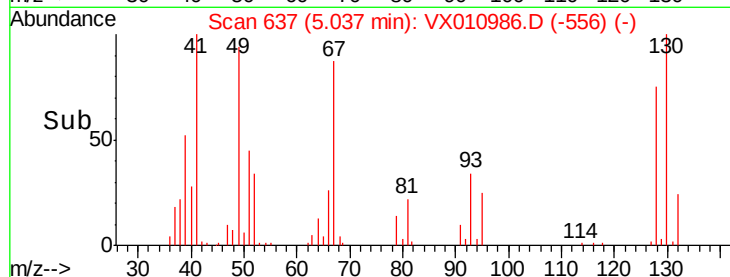
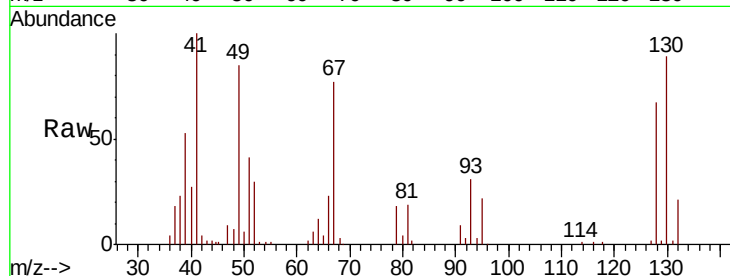




#35
Methacrylonitrile
Concen: 20.348 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010986.D
Acq: 19 Jul 2019 02:38

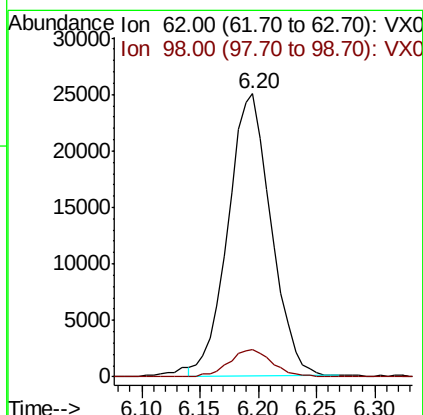
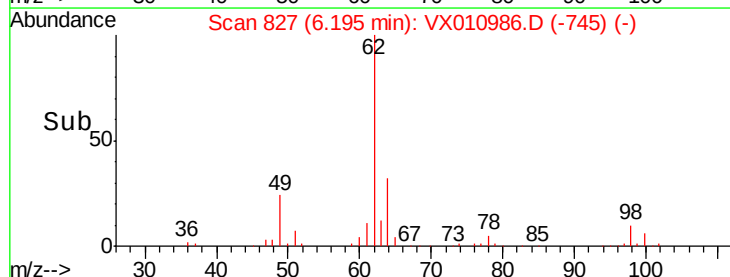
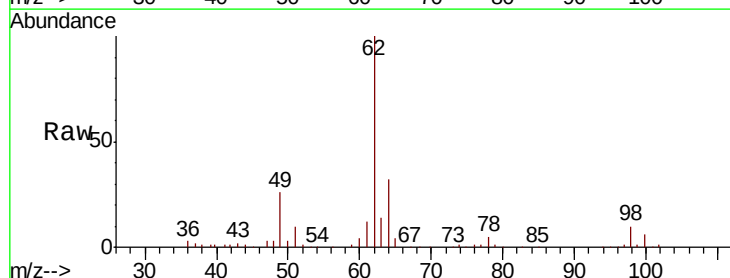
Instrument :
MSVOA_X
ClientSampled :

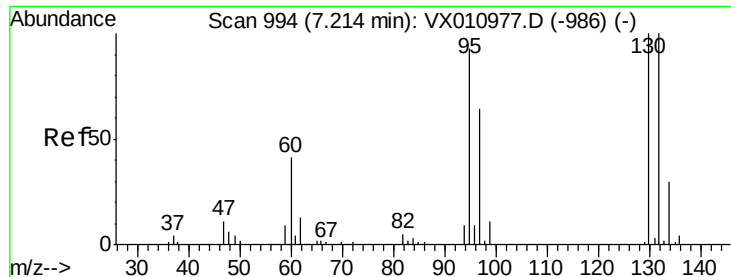
Tot Ion: 41 Resp: 34700
Ion Ratio Lower Upper
41 100
39 52.1 27.6 82.8
67 78.0 39.1 117.2
52 29.7 14.0 42.0



#36
1,2-Dichloroethane
Concen: 19.704 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX010986.D
Acq: 19 Jul 2019 02:38

Tgt Ion: 62 Resp: 64136
Ion Ratio Lower Upper
62 100
98 9.8 8.0 12.0





#37

Trichloroethene

Concen: 20.473 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010986.D

Acq: 19 Jul 2019 02:38

Instrument :

MSVOA_X

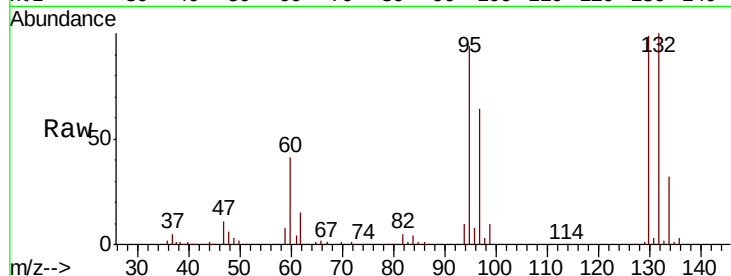
ClientSampled :

Tot Ion:130 Resp: 54564

Ion Ratio Lower Upper

130 100

95 94.9 74.1 111.1



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

25000

20000

15000

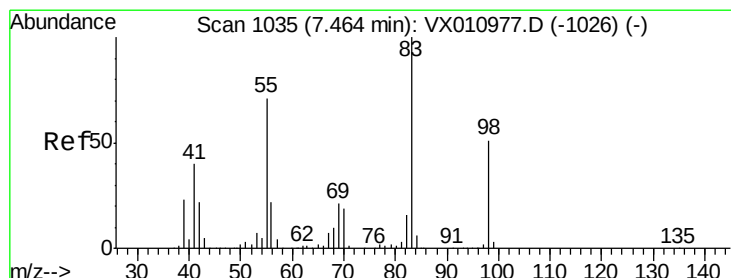
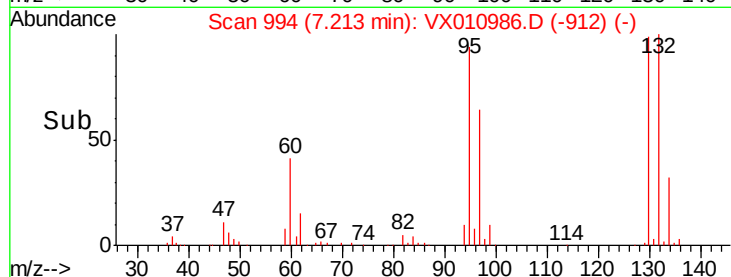
10000

5000

0

7.15 7.20 7.25 7.30

Time-->



#38

Methylcyclohexane

Concen: 20.362 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX010986.D

Acq: 19 Jul 2019 02:38

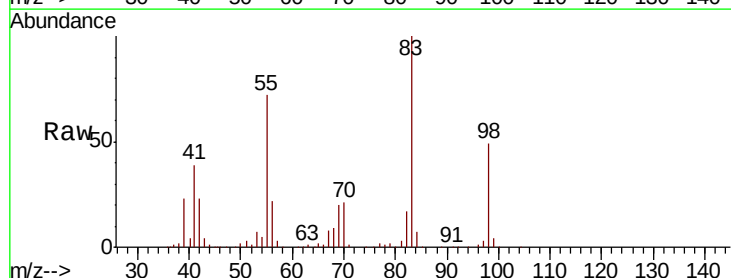
Tgt Ion: 83 Resp: 77987

Ion Ratio Lower Upper

83 100

55 71.0 35.3 105.9

98 48.0 24.0 72.0



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

7.46

40000

30000

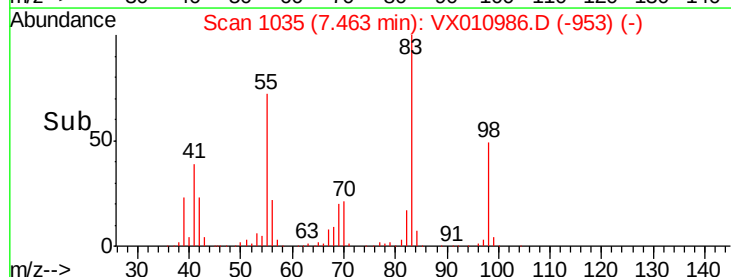
20000

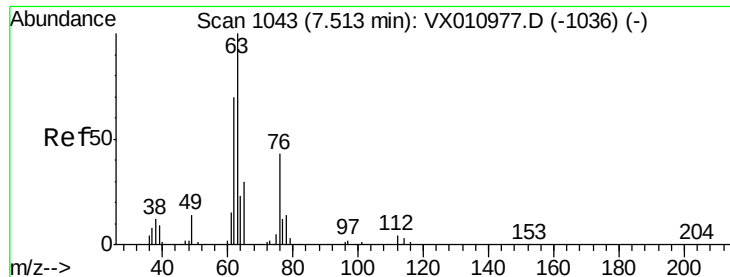
10000

0

7.40 7.50 7.60

Time-->





#39

1,2-Dichloropropane

Concen: 20.161 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010986.D

Acq: 19 Jul 2019 02:38

Instrument :

MSVOA_X

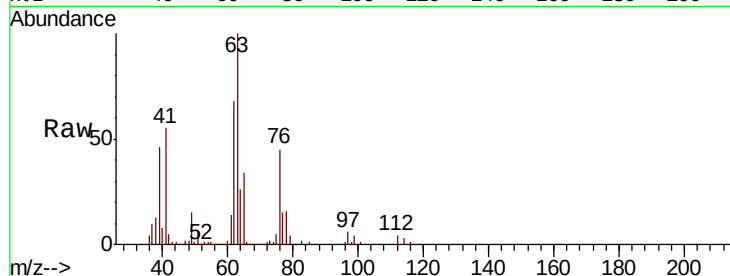
ClientSampled :

Tot Ion: 63 Resp: 45876

Ion Ratio Lower Upper

63 100

65 33.1 25.6 38.4



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

7.51

25000

20000

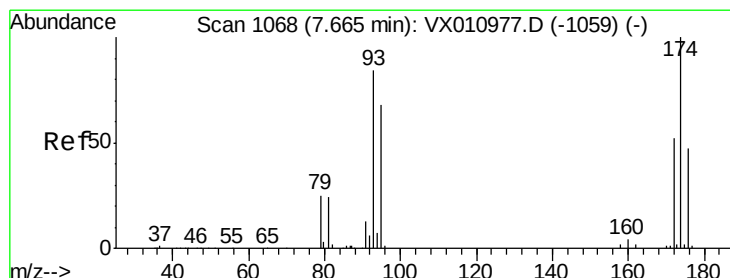
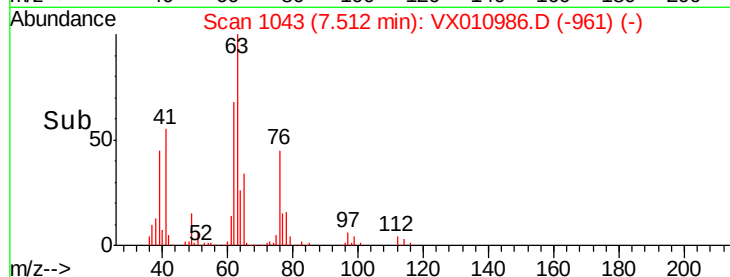
15000

10000

5000

0

Time--> 7.40 7.45 7.50 7.55 7.60



#40

Dibromomethane

Concen: 20.744 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX010986.D

Acq: 19 Jul 2019 02:38

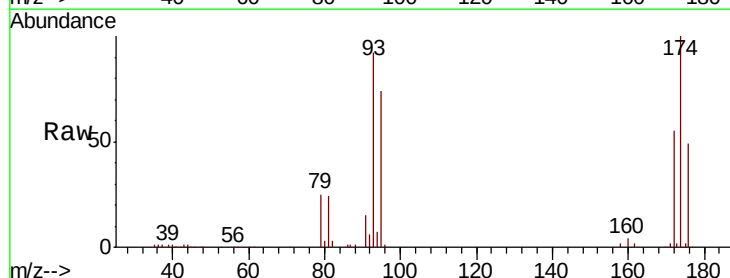
Tgt Ion: 93 Resp: 34717

Ion Ratio Lower Upper

93 100

95 83.3 0.0 166.0

174 109.1 0.0 229.2



Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

25000

20000

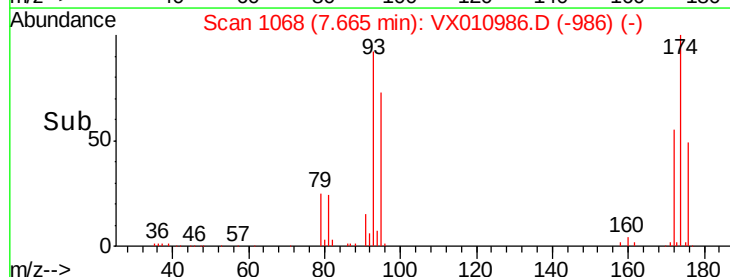
15000

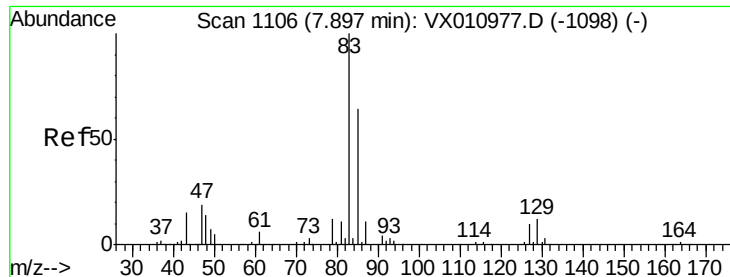
10000

5000

0

Time--> 7.60 7.65 7.70 7.75





#41

Bromodichloromethane

Concen: 19.602 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010986.D

Acq: 19 Jul 2019 02:38

Instrument :
MSVOA_X
ClientSampleId :

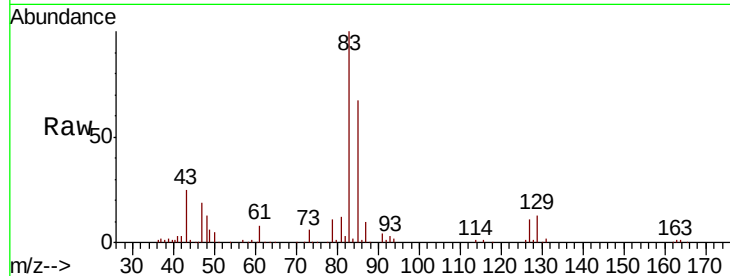
Tot Ion: 83 Resp: 59711

Ion Ratio Lower Upper

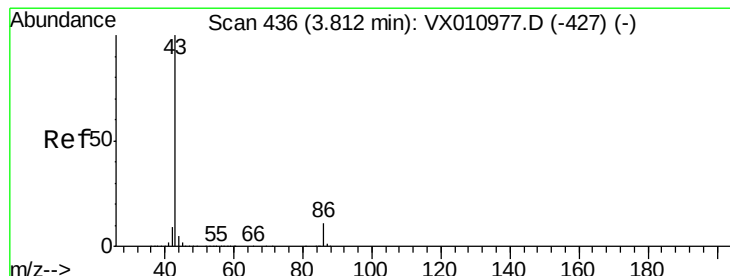
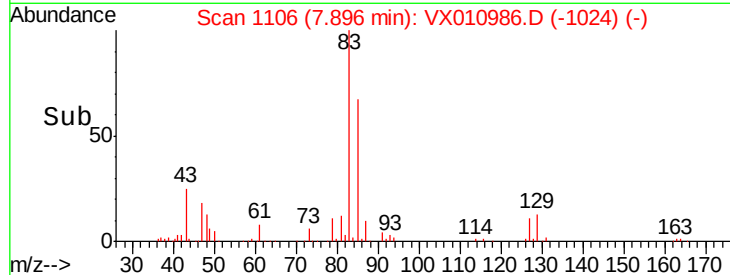
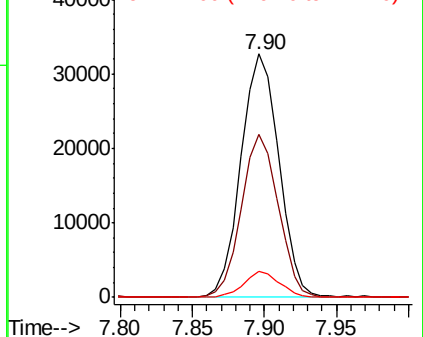
83 100

85 66.9 50.9 76.3

127 10.8 7.7 11.5



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 100.045 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX010986.D

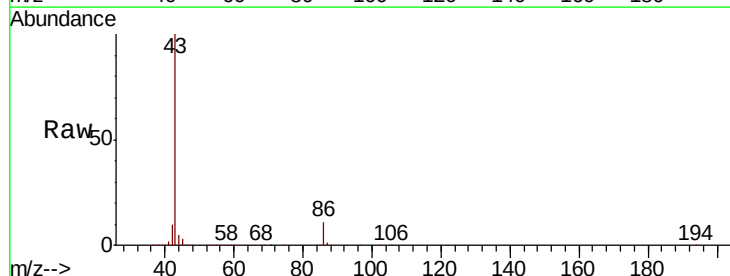
Acq: 19 Jul 2019 02:38

Tgt Ion: 43 Resp: 539958

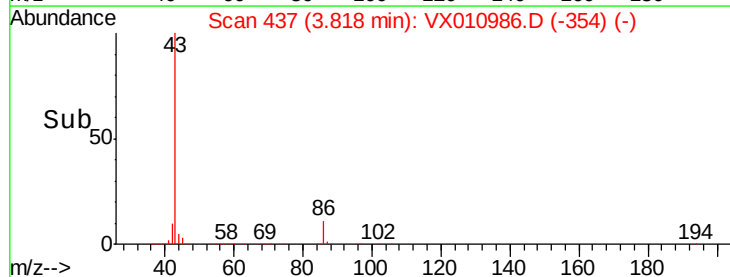
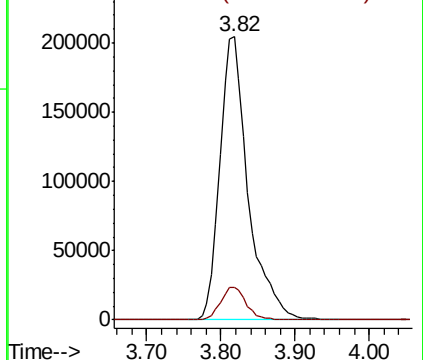
Ion Ratio Lower Upper

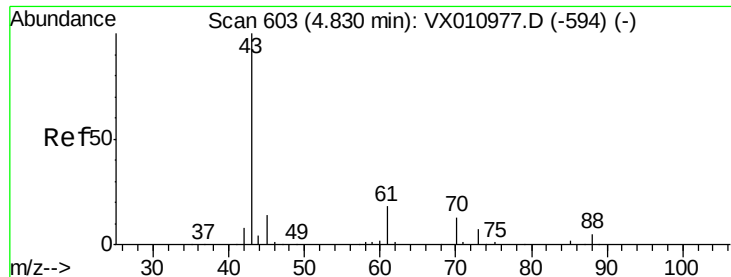
43 100

86 10.3 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

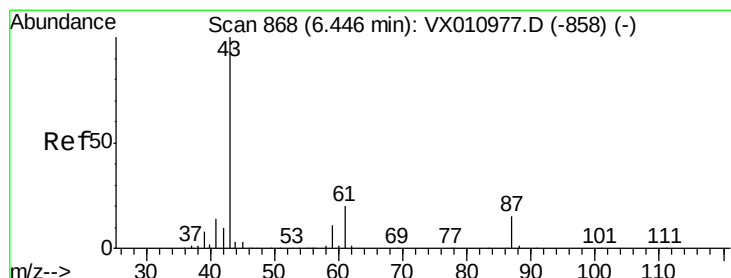
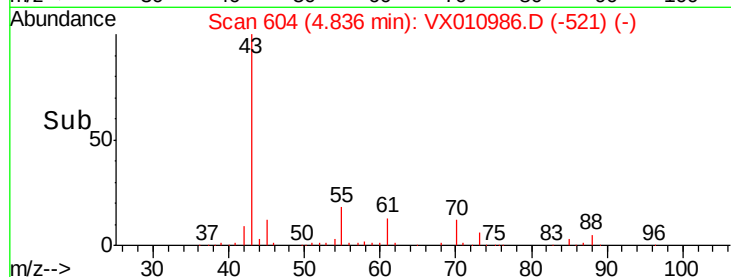
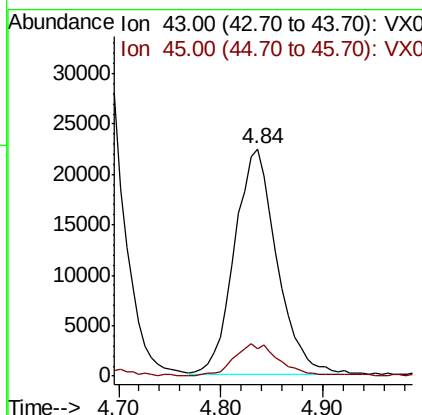
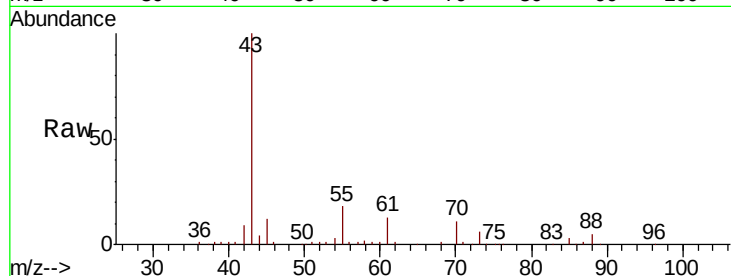




#43
Ethyl Acetate
Concen: 20.441 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX010986.D
Acq: 19 Jul 2019 02:38

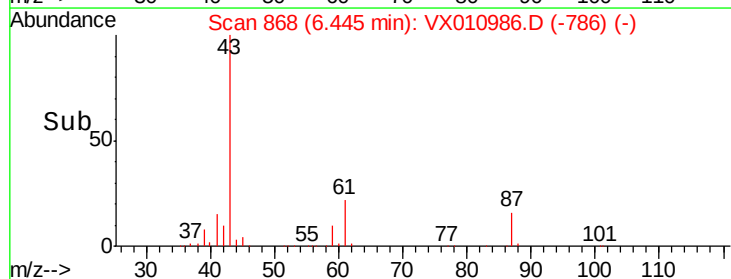
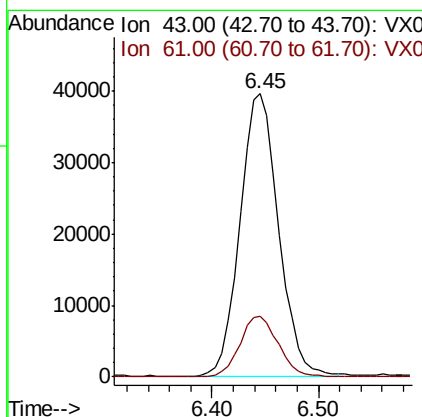
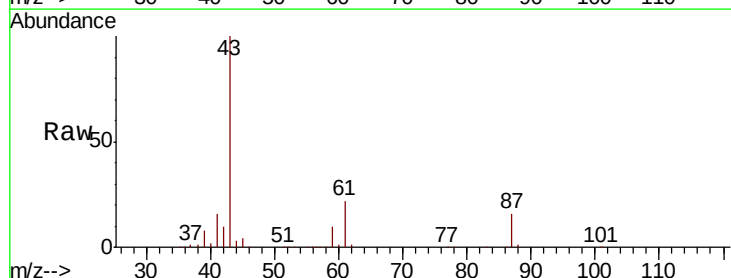
Instrument :
MSVOA_X
ClientSampled :

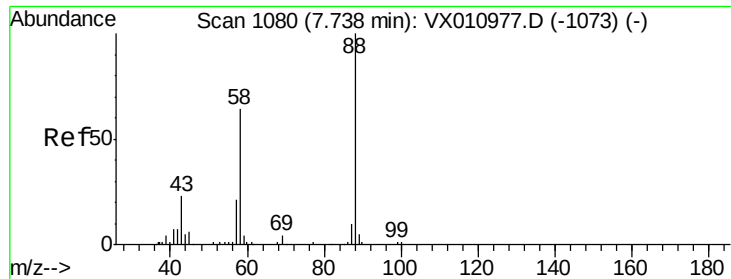
Tot Ion: 43 Resp: 64279
Ion Ratio Lower Upper
43 100
45 15.7 12.1 18.1



#44
Isopropyl Acetate
Concen: 19.613 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX010986.D
Acq: 19 Jul 2019 02:38

Tgt Ion: 43 Resp: 100455
Ion Ratio Lower Upper
43 100
61 21.5 16.7 25.1

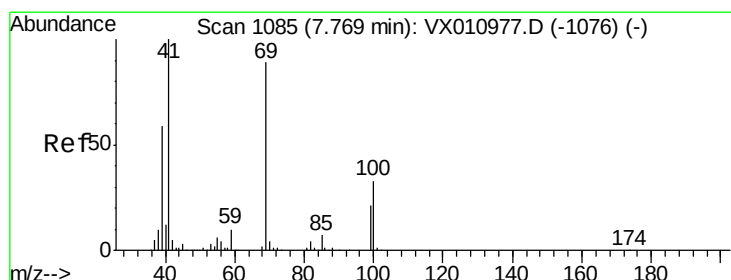
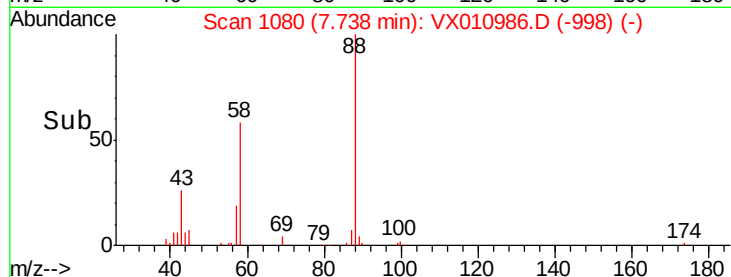
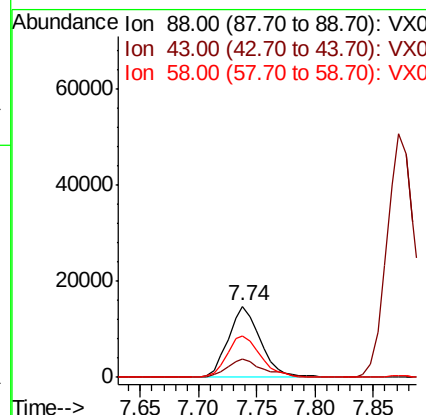
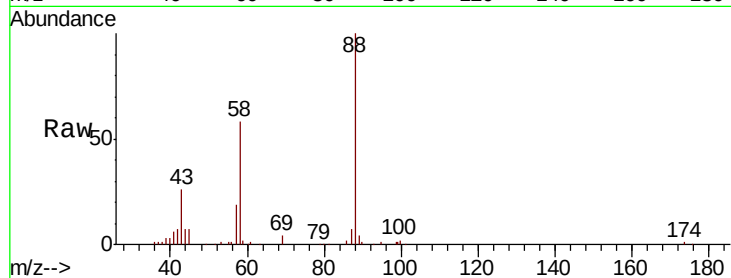




#45
 1,4-Dioxane
 Concen: 425.044 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX010986.D
 Acq: 19 Jul 2019 02:38

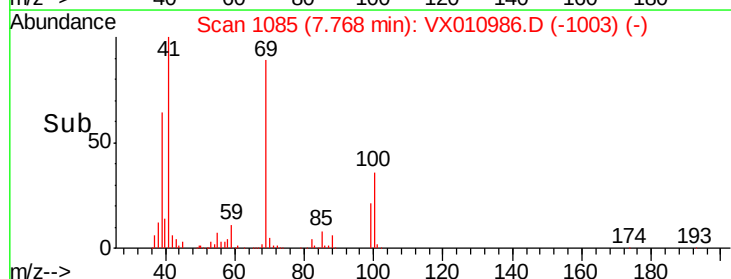
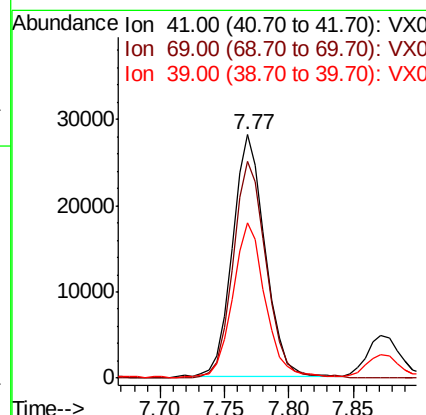
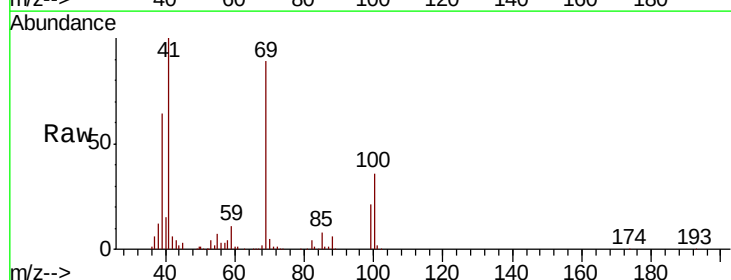
Instrument :
 MSVOA_X
 ClientSampleId :

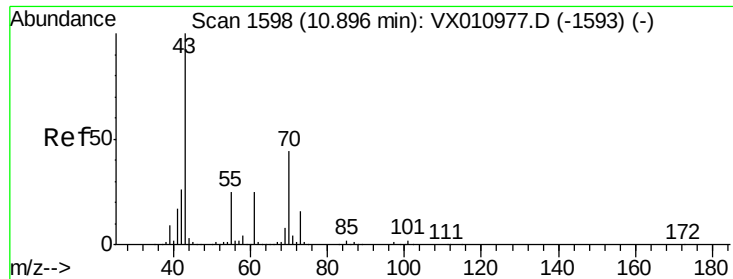
Tot Ion	Ratio	Lower	Upper
88	100		
43	29.4	21.6	32.4
58	60.9	52.2	78.2



#46
 Methyl methacrylate
 Concen: 19.972 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX010986.D
 Acq: 19 Jul 2019 02:38

Tgt Ion	Ratio	Lower	Upper
41	100		
69	89.6	44.7	134.1
39	63.5	29.4	88.2





#47

n-amvl Acetate

Concen: 19.926 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010986.D

Acq: 19 Jul 2019 02:38

Instrument :

MSVOA_X

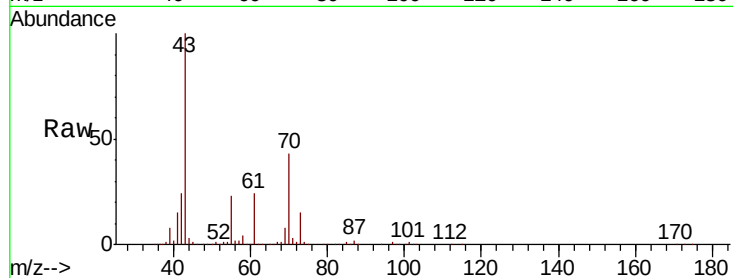
ClientSampleId :

Tot Ion: 43 Resp: 91532

Ion Ratio Lower Upper

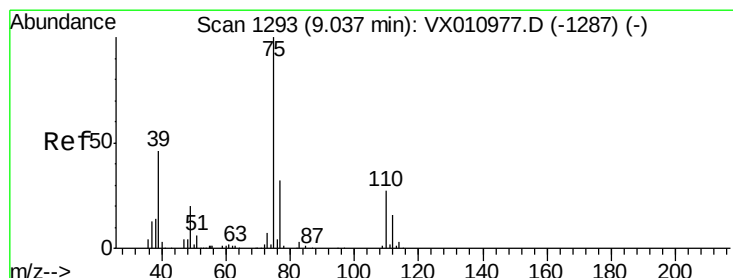
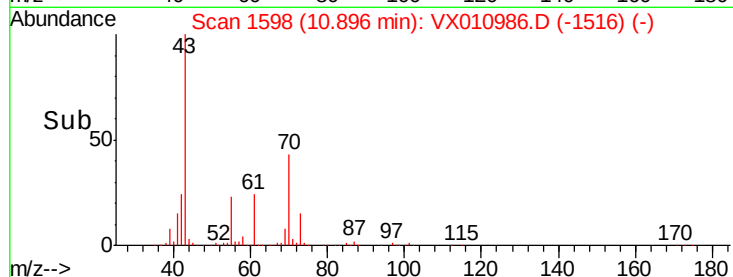
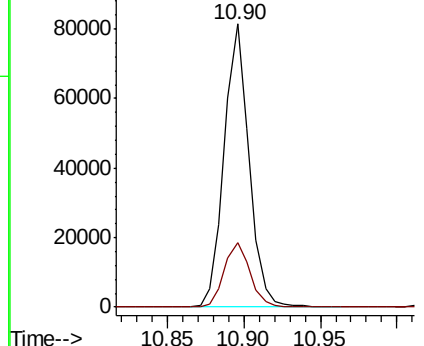
43 100

55 24.1 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 18.562 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010986.D

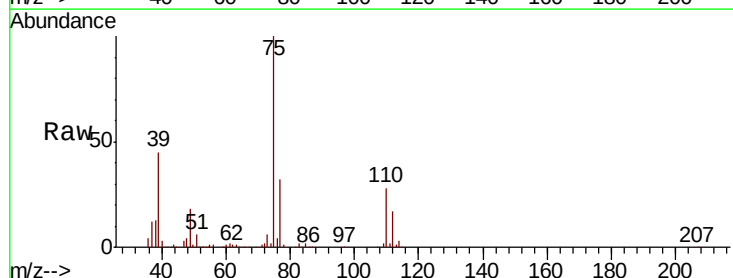
Acq: 19 Jul 2019 02:38

Tgt Ion: 75 Resp: 59590

Ion Ratio Lower Upper

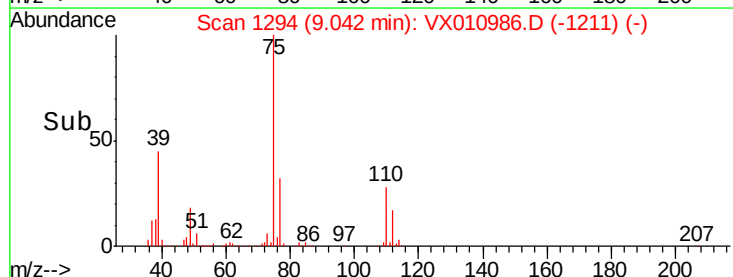
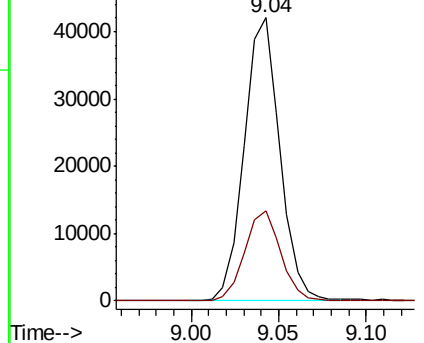
75 100

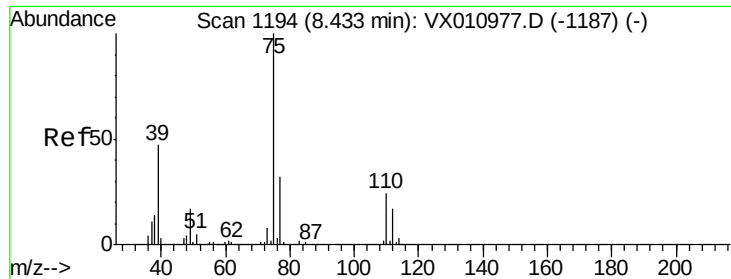
77 31.9 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

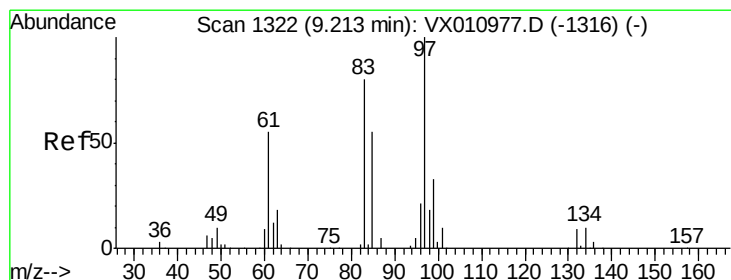
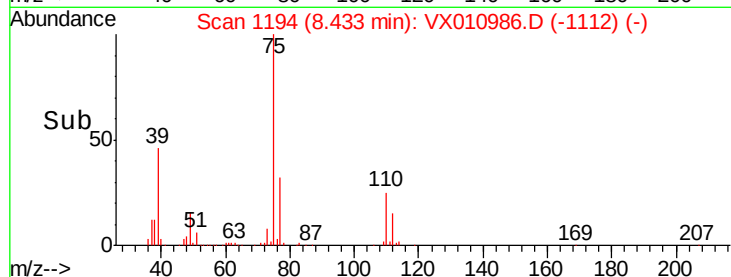
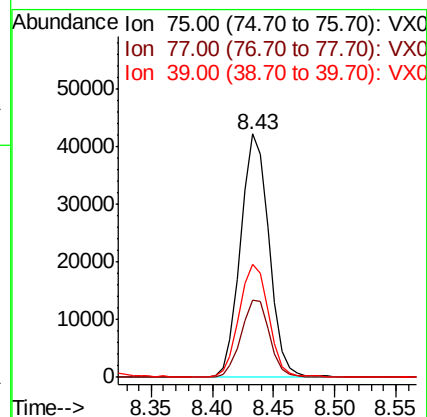
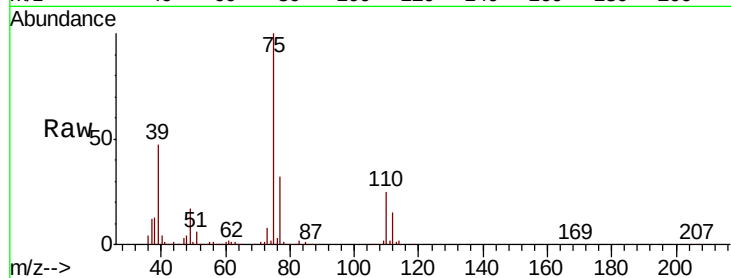




#49
 cis-1,3-Dichloropropene
 Concen: 19.440 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010986.D
 Acq: 19 Jul 2019 02:38

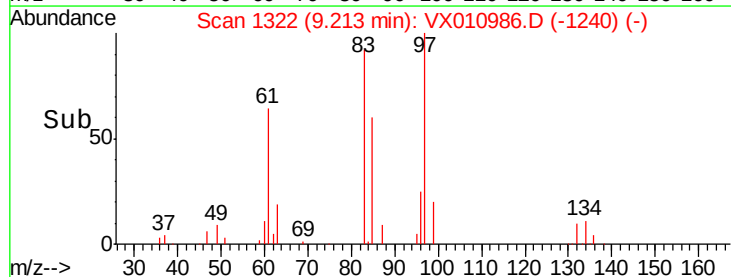
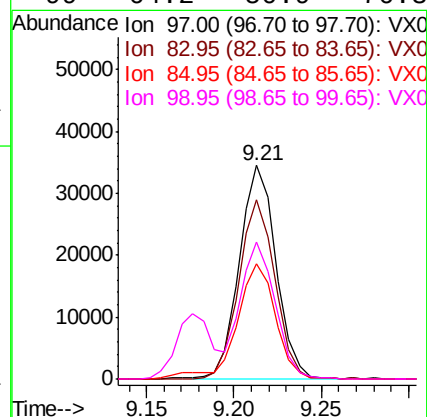
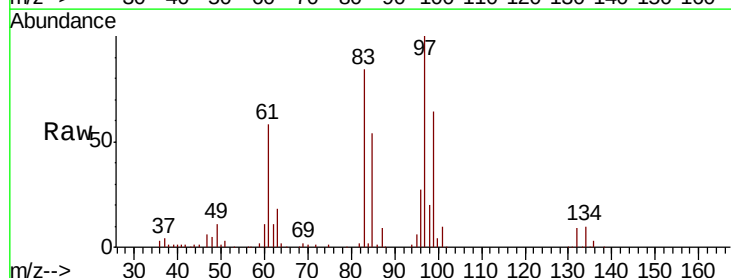
Instrument :
 MSVOA_X
 ClientSampled :

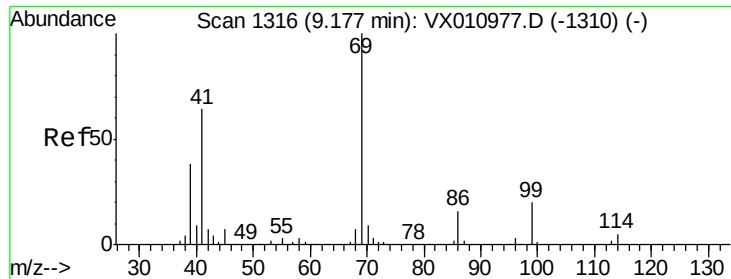
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.3	37.9
39	46.4	37.8	56.6



#50
 1,1,2-Trichloroethane
 Concen: 20.520 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010986.D
 Acq: 19 Jul 2019 02:38

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.0	63.9	95.9
85	54.2	43.4	65.2
99	64.2	50.9	76.3





#51

Ethyl methacrylate

Concen: 19.688 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

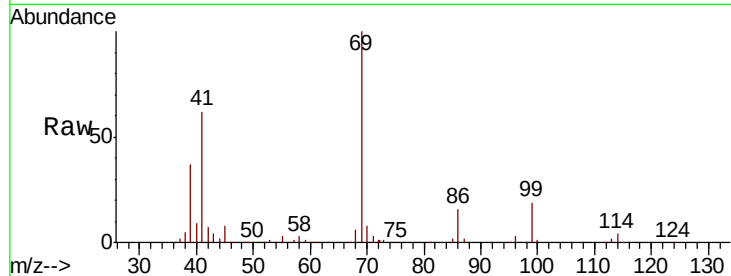
Lab File: VX010986.D

Acq: 19 Jul 2019 02:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 69 Resp: 74581

Ion	Ratio	Lower	Upper
69	100		
41	62.3	32.1	96.3
39	36.9	19.1	57.3

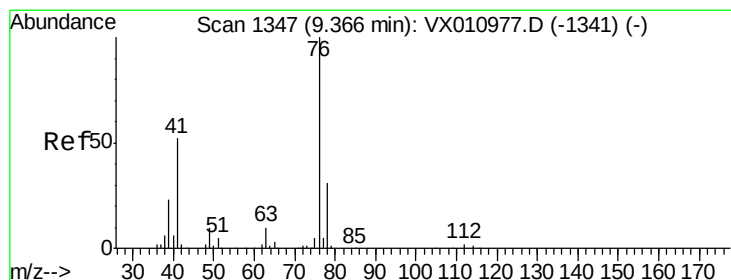
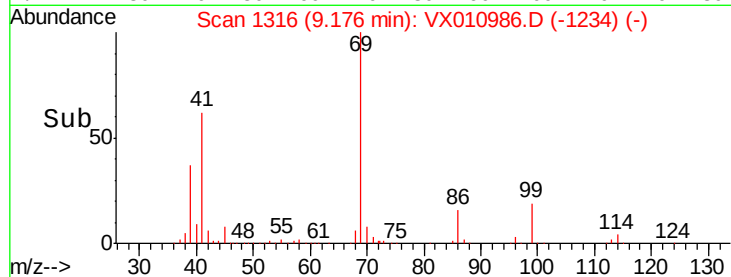
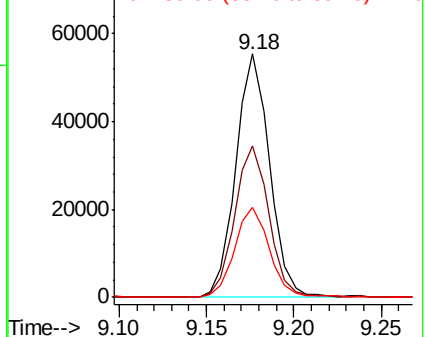


Abundance

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



#52

1,3-Dichloropropane

Concen: 20.129 ug/l

RT: 9.37 min Scan# 1348

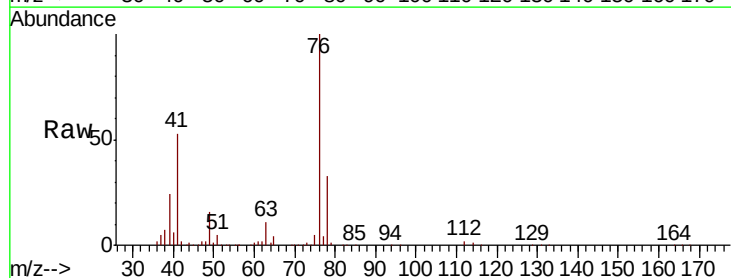
Delta R.T. 0.01 min

Lab File: VX010986.D

Acq: 19 Jul 2019 02:38

Tgt Ion: 76 Resp: 79224

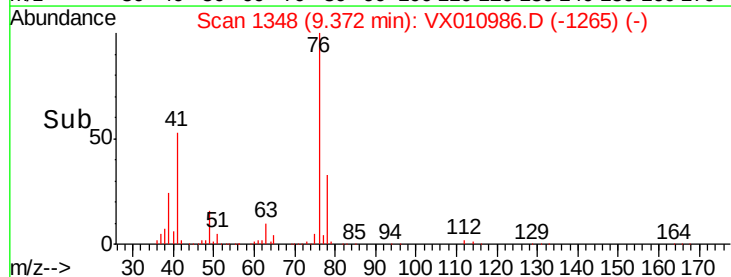
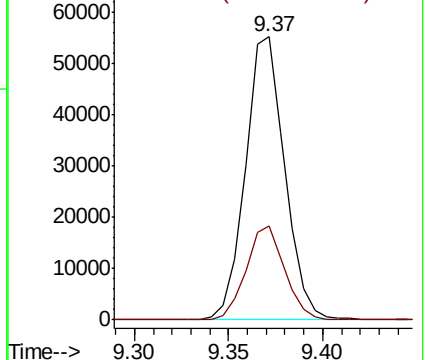
Ion	Ratio	Lower	Upper
76	100		
78	33.1	0.0	63.8

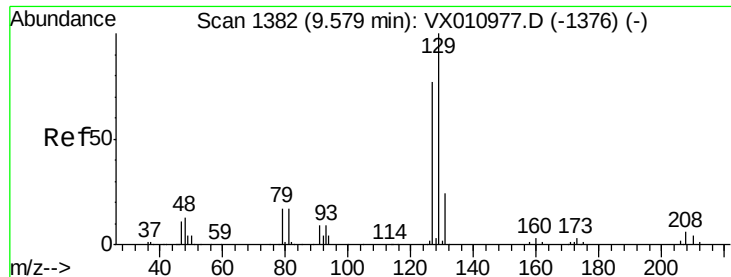


Abundance

Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

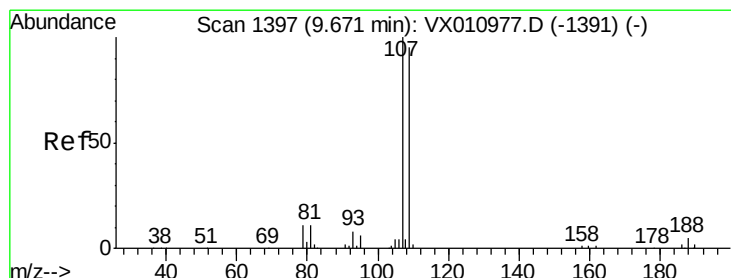
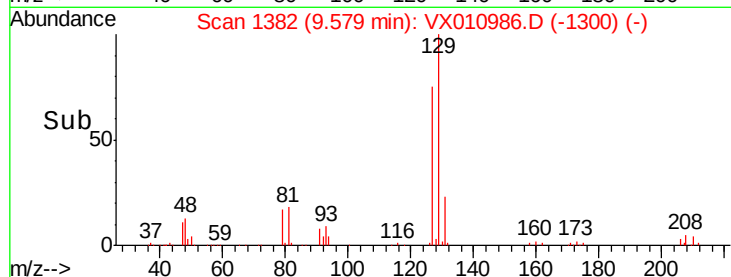
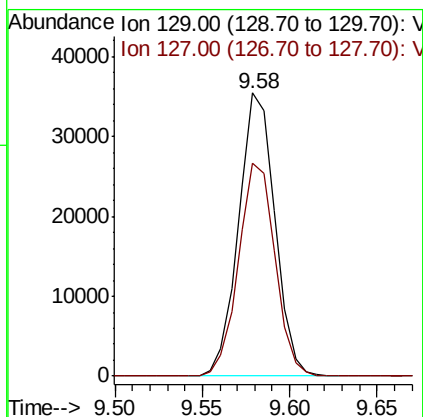
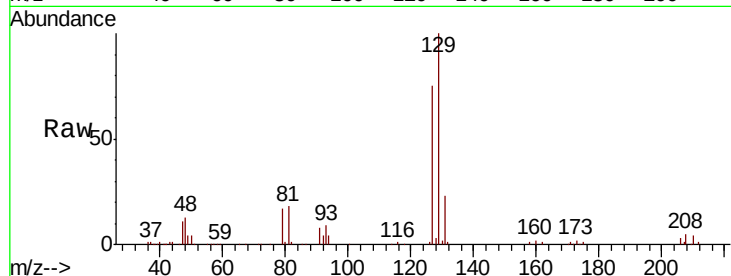




#53
 Dibromochloromethane
 Concen: 19.376 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VX010986.D
 Acq: 19 Jul 2019 02:38

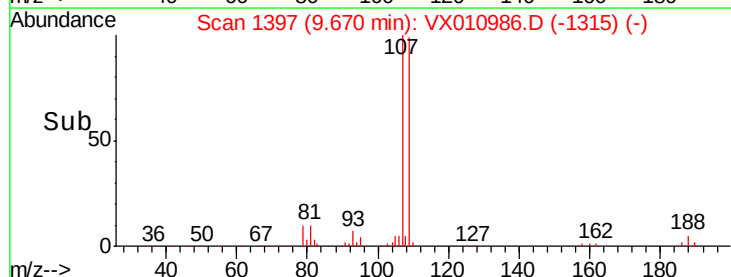
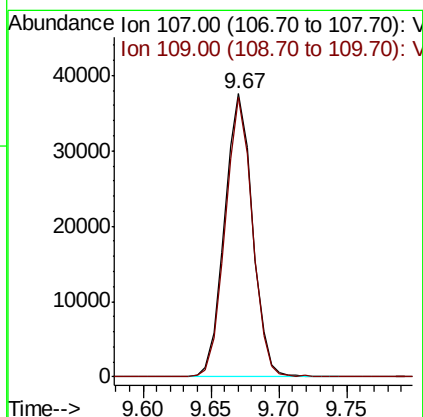
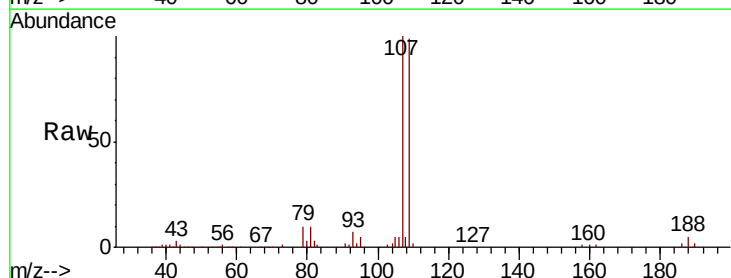
Instrument :
 MSVOA_X
 ClientSampleId :

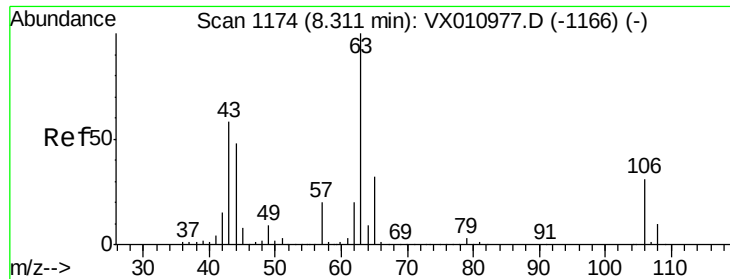
Tot Ion:129 Resp: 51255
 Ion Ratio Lower Upper
 129 100
 127 75.7 38.1 114.3



#54
 1,2-Dibromoethane
 Concen: 20.183 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX010986.D
 Acq: 19 Jul 2019 02:38

Tgt Ion:107 Resp: 53723
 Ion Ratio Lower Upper
 107 100
 109 95.4 77.1 115.7

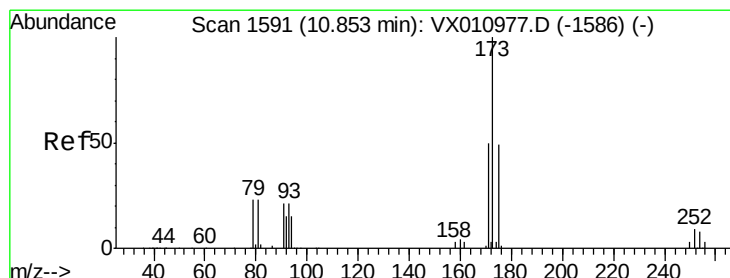
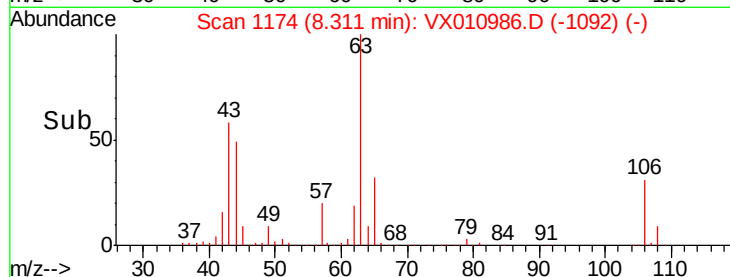
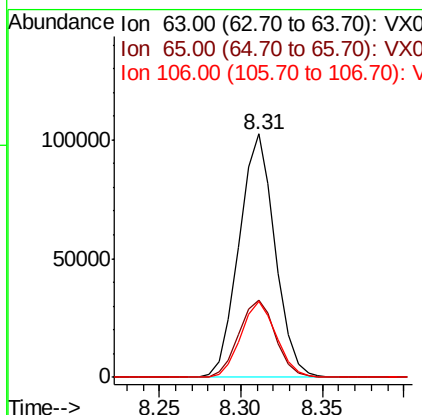
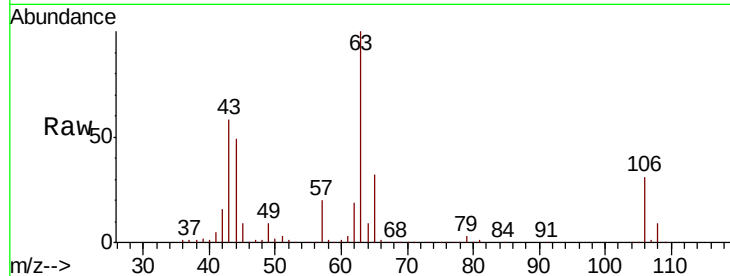




#55
2-Chloroethyl vinyl ether
Concen: 98.177 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX010986.D
Acq: 19 Jul 2019 02:38

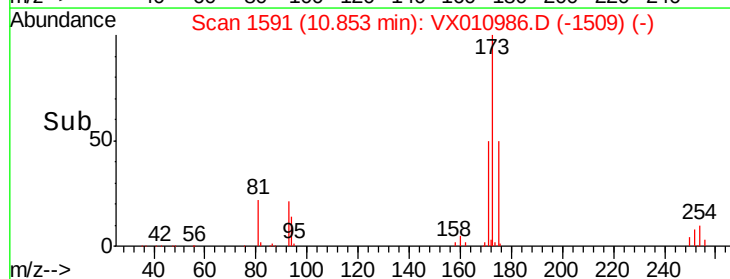
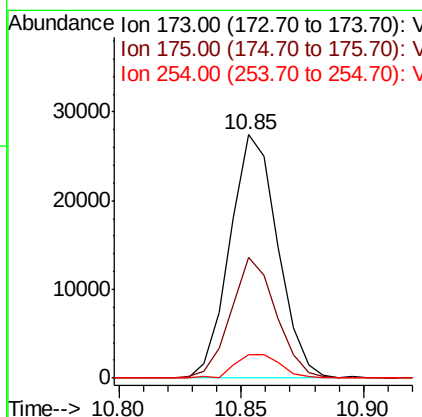
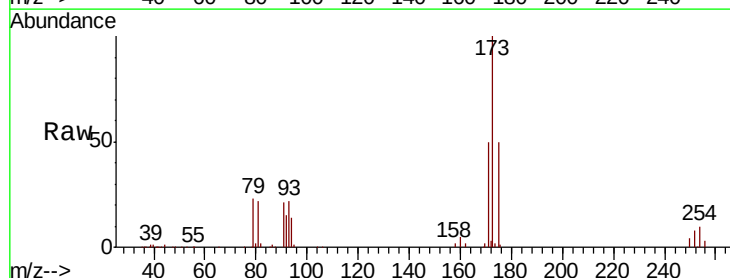
Instrument :
MSVOA_X
ClientSampled :

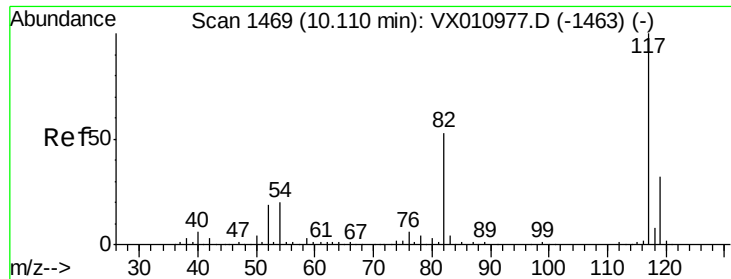
Tot Ion: 63 Resp: 157489
Ion Ratio Lower Upper
63 100
65 32.7 25.7 38.5
106 30.7 24.8 37.2



#56
Bromoform
Concen: 18.957 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX010986.D
Acq: 19 Jul 2019 02:38

Tgt Ion: 173 Resp: 37347
Ion Ratio Lower Upper
173 100
175 46.9 39.0 58.6
254 9.1 7.9 11.9

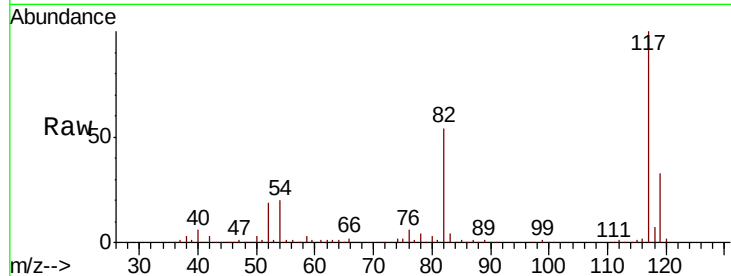




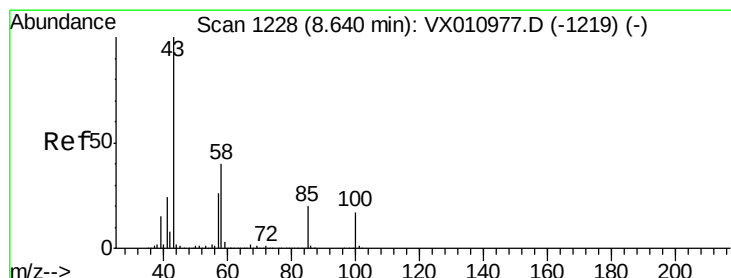
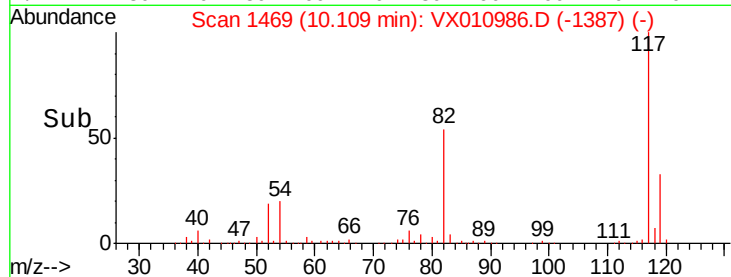
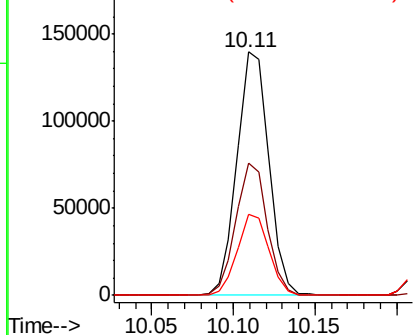
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010986.D
Acq: 19 Jul 2019 02:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	41.6	62.4
119	33.2	26.0	39.0

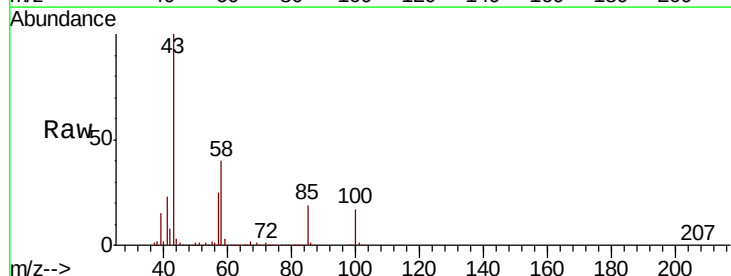


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

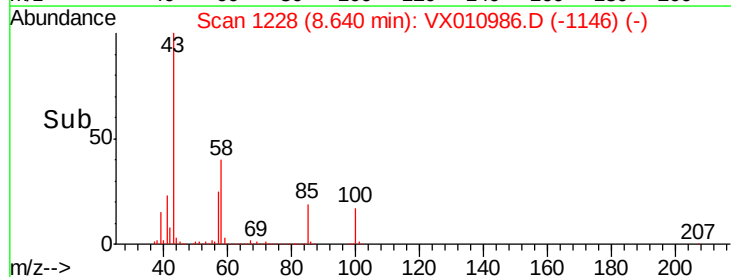
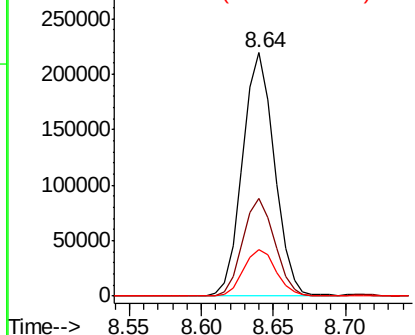


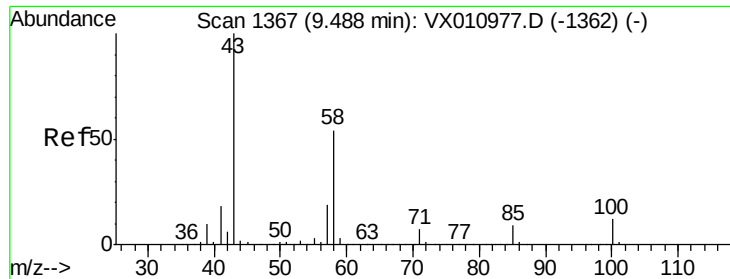
#58
4-Methyl-2-Pentanone
Concen: 104.278 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX010986.D
Acq: 19 Jul 2019 02:38

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.3	32.6	48.8
85	19.7	15.8	23.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

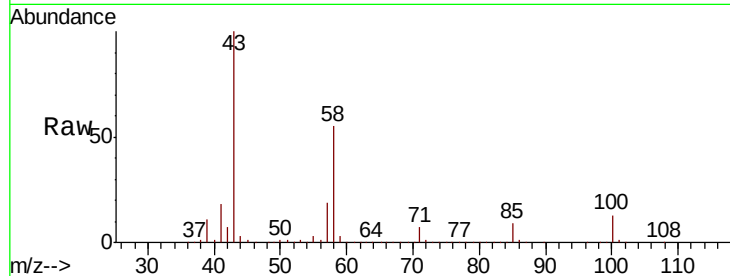




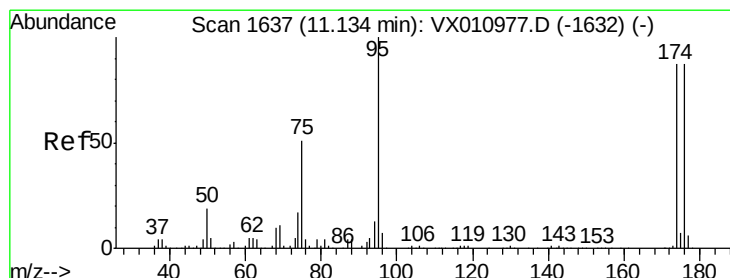
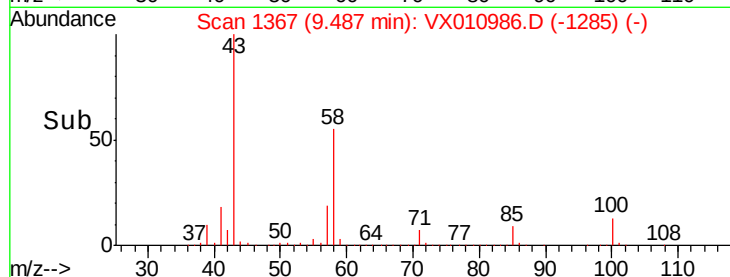
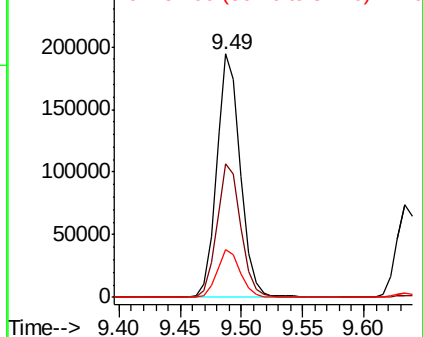
#59
2-Hexanone
Concen: 105.379 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010986.D
Acq: 19 Jul 2019 02:38

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 260564
Ion Ratio Lower Upper
43 100
58 55.7 44.7 67.1
57 19.4 15.4 23.2

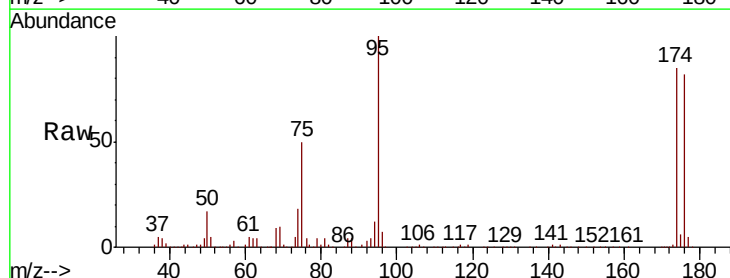


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

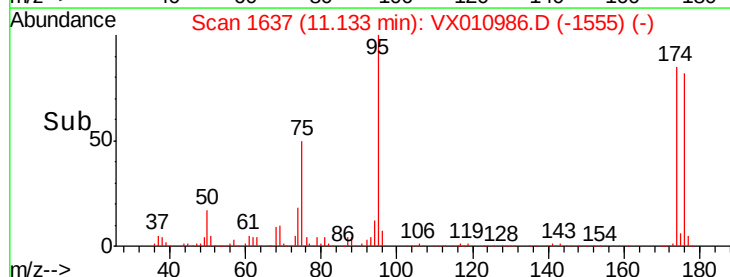
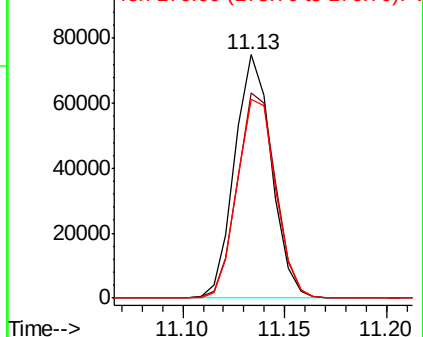


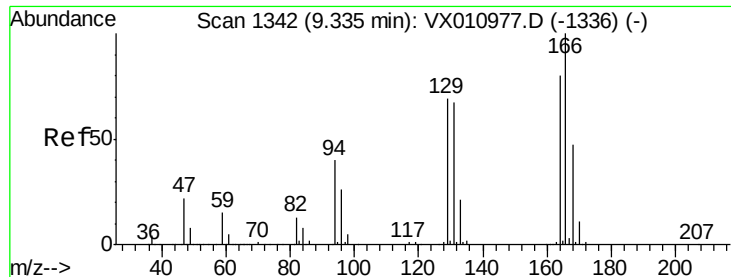
#60
4-Bromofluorobenzene
Concen: 29.815 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010986.D
Acq: 19 Jul 2019 02:38

Tgt Ion: 95 Resp: 93892
Ion Ratio Lower Upper
95 100
174 88.2 73.3 109.9
176 86.1 71.2 106.8



Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#61

Tetrachloroethene

Concen: 21.523 ug/l

RT: 9.33 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010986.D

Acq: 19 Jul 2019 02:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 54372

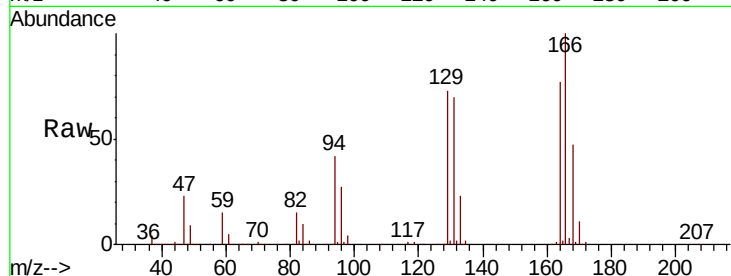
Ion Ratio Lower Upper

164 100

166 129.1 100.1 150.1

129 94.4 69.6 104.4

131 90.2 67.0 100.6

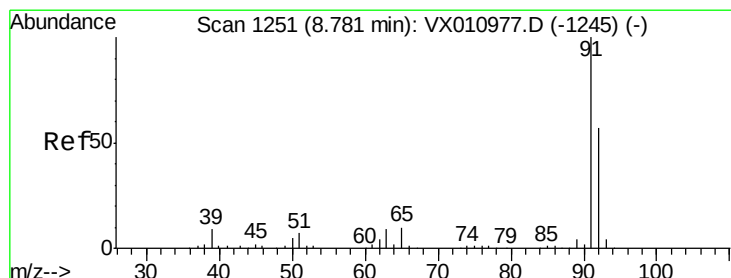
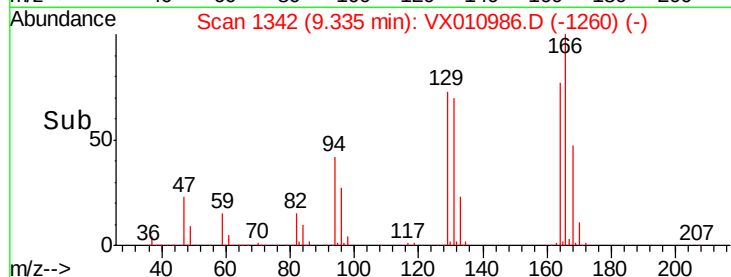
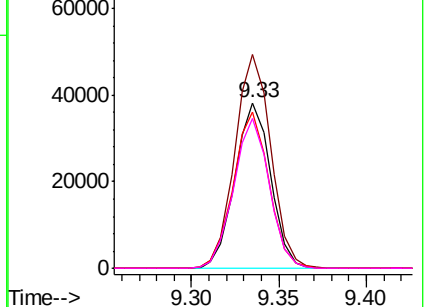


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.989 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010986.D

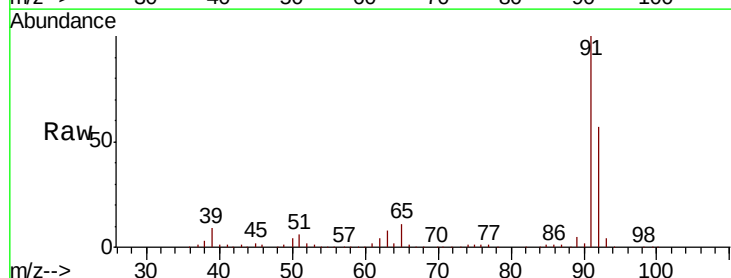
Acq: 19 Jul 2019 02:38

Tgt Ion: 91 Resp: 213342

Ion Ratio Lower Upper

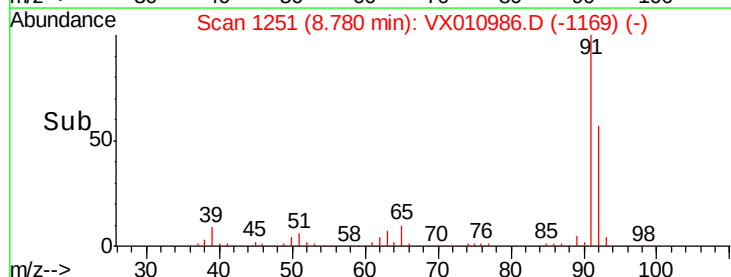
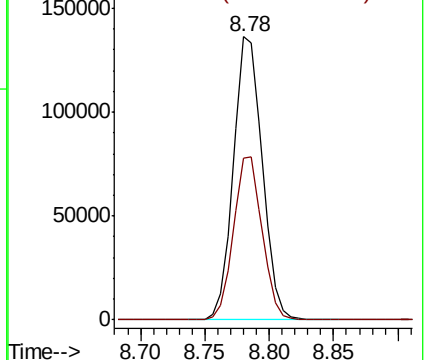
91 100

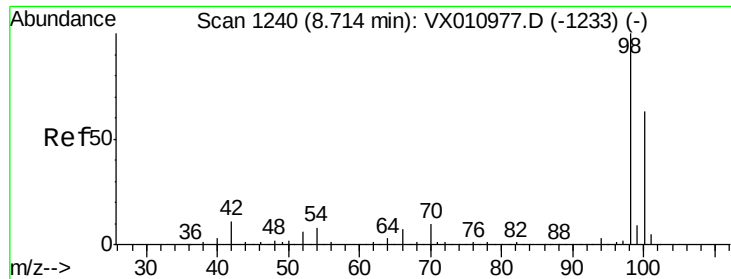
92 56.9 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

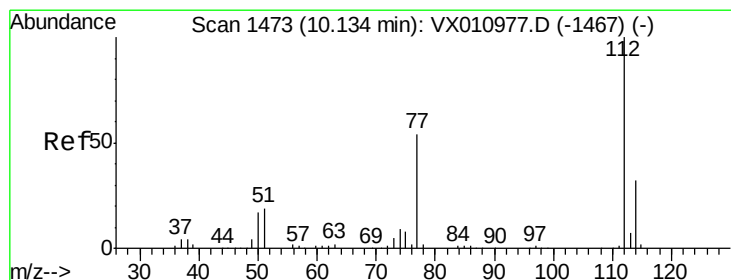
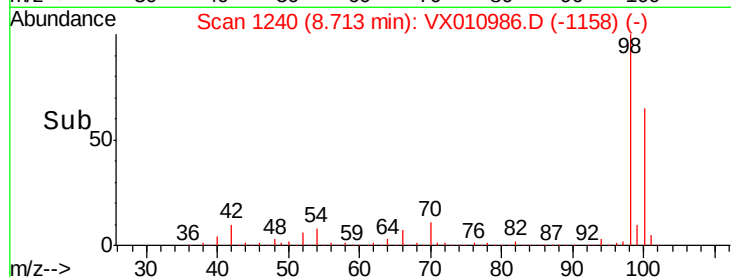
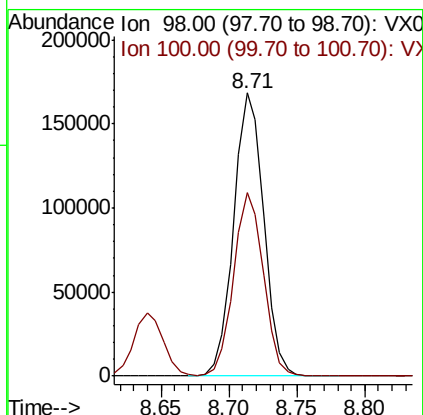
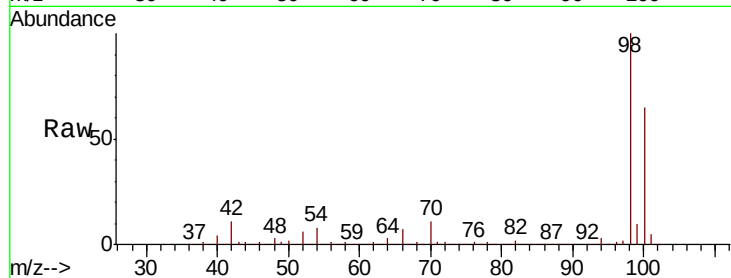




#63
Toluene-d8
Concen: 30.865 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010986.D
Acq: 19 Jul 2019 02:38

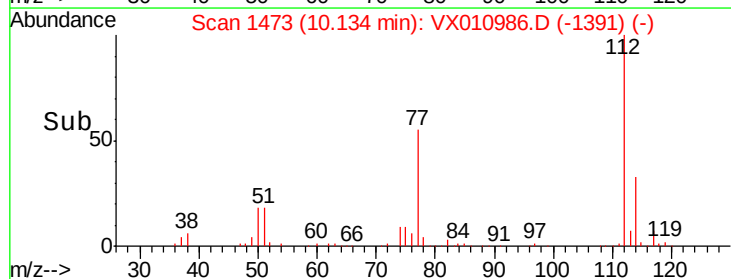
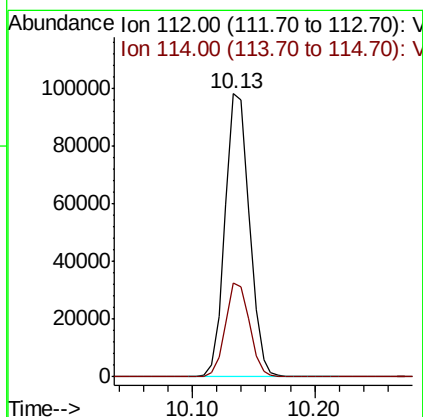
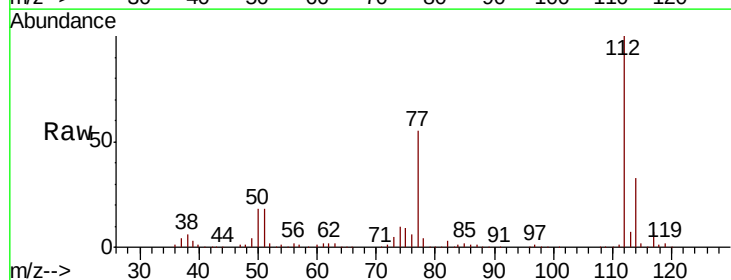
Instrument :
MSVOA_X
ClientSampleId :

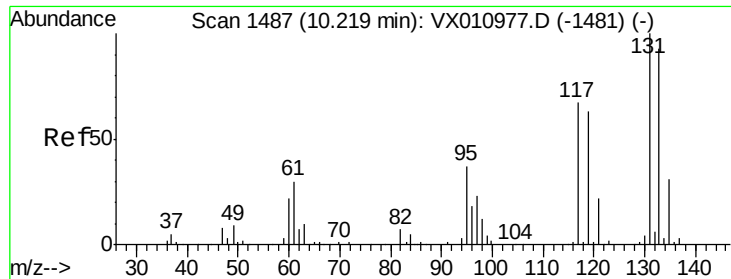
Tot Ion: 98 Resp: 259570
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#64
Chlorobenzene
Concen: 20.787 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010986.D
Acq: 19 Jul 2019 02:38

Tgt Ion: 112 Resp: 135373
Ion Ratio Lower Upper
112 100
114 33.4 25.3 37.9





#65

1,1,1,2-Tetrachloroethane

Concen: 20.423 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010986.D

Acq: 19 Jul 2019 02:38

Instrument :

MSVOA_X

ClientSampleId :

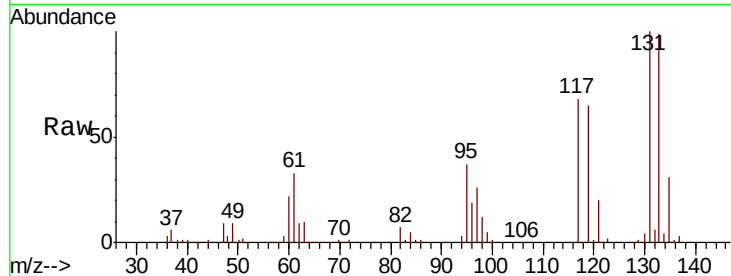
Tot Ion:131 Resp: 48337

Ion Ratio Lower Upper

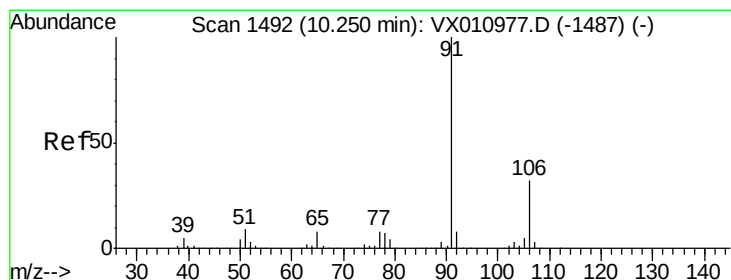
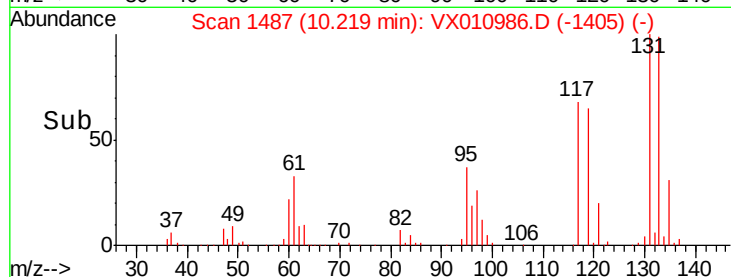
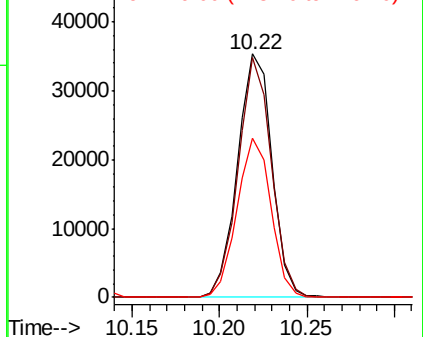
131 100

133 95.2 0.0 190.2

119 64.9 0.0 127.0



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.672 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010986.D

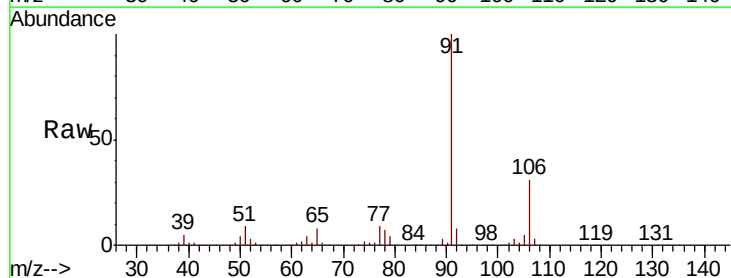
Acq: 19 Jul 2019 02:38

Tgt Ion: 91 Resp: 236538

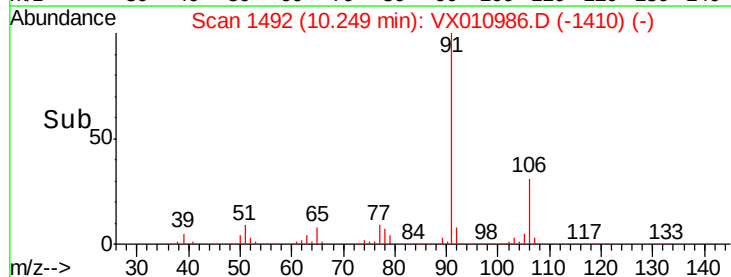
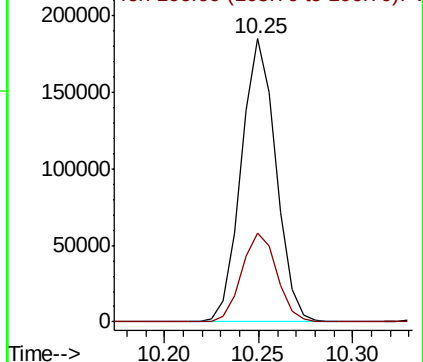
Ion Ratio Lower Upper

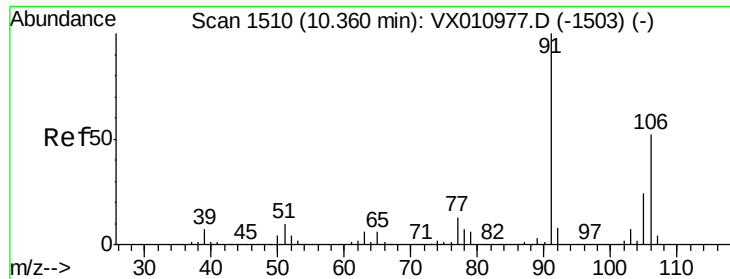
91 100

106 31.2 25.8 38.8



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





#67

m/p-Xylenes

Concen: 41.993 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010986.D

Acq: 19 Jul 2019 02:38

Instrument :

MSVOA_X

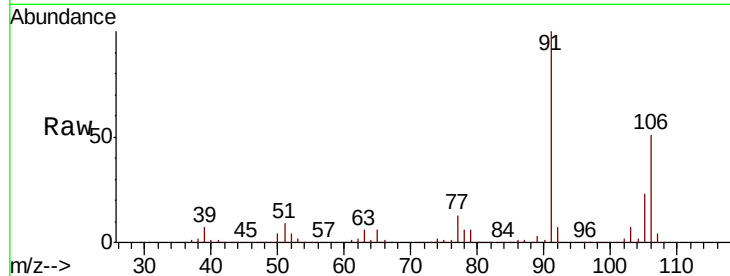
ClientSampled :

Tot Ion:106 Resp: 183839

Ion Ratio Lower Upper

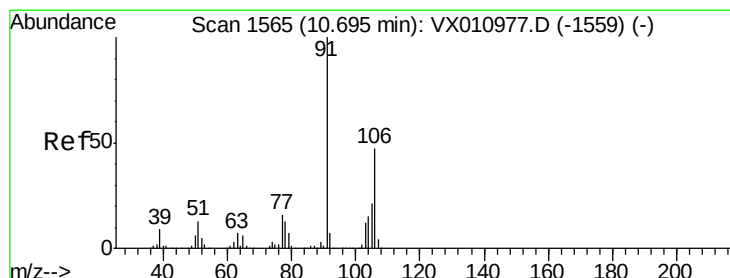
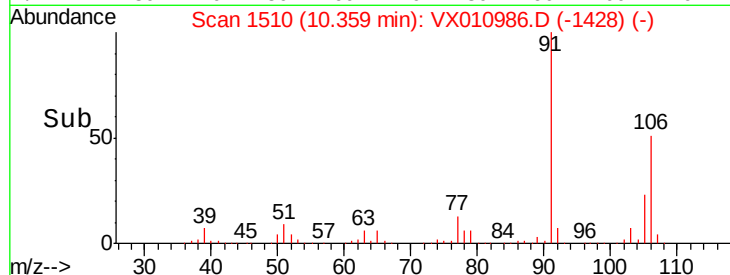
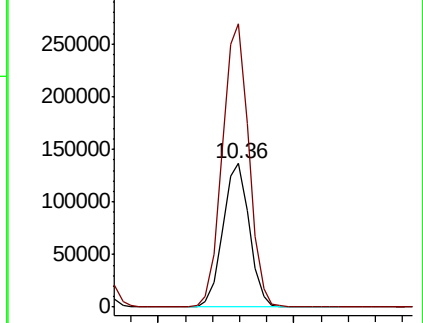
106 100

91 197.4 156.6 235.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 20.972 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VX010986.D

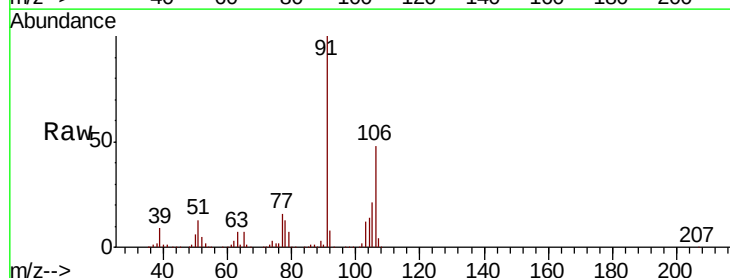
Acq: 19 Jul 2019 02:38

Tgt Ion:106 Resp: 89963

Ion Ratio Lower Upper

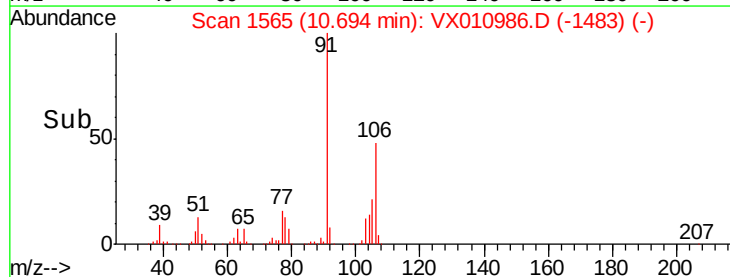
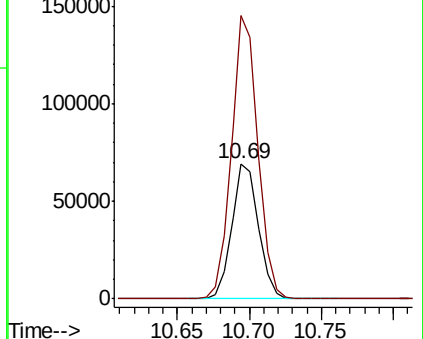
106 100

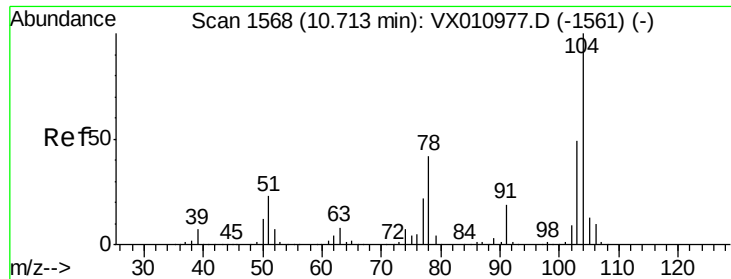
91 206.5 104.0 312.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Stvrene

Concen: 20.567 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX010986.D

Acq: 19 Jul 2019 02:38

Instrument :

MSVOA_X

ClientSampled :

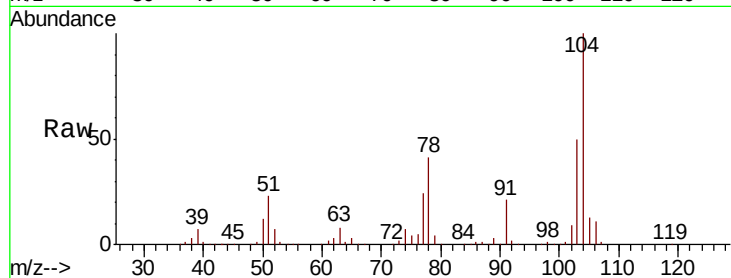
Tot Ion:104 Resp: 148299

Ion Ratio Lower Upper

104 100

78 48.8 38.5 57.7

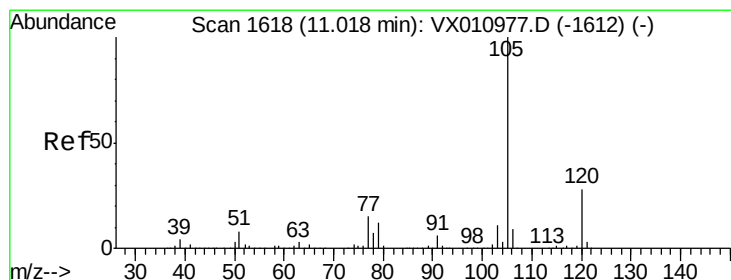
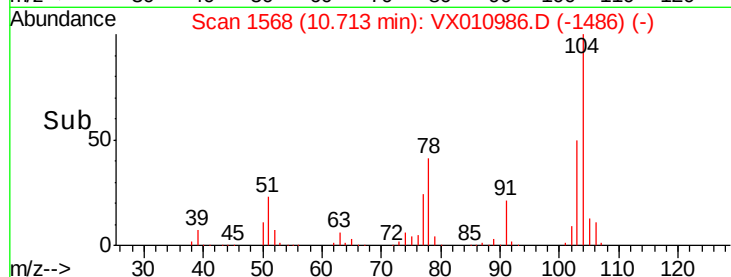
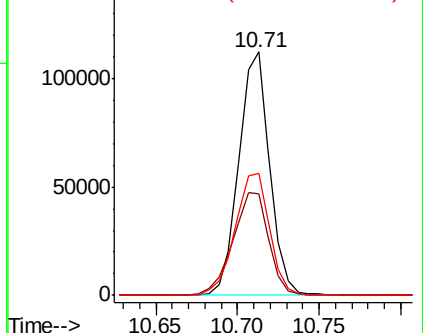
103 56.3 44.6 67.0



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



#70

Isopropylbenzene

Concen: 20.709 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010986.D

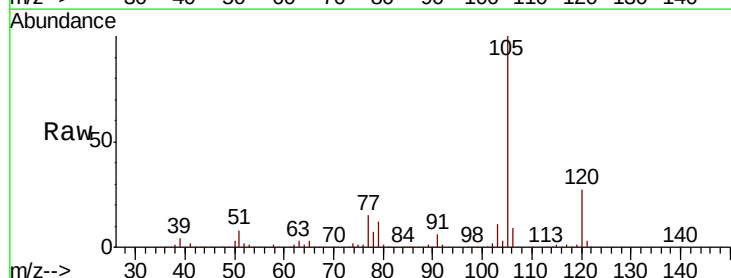
Acq: 19 Jul 2019 02:38

Tgt Ion:105 Resp: 236553

Ion Ratio Lower Upper

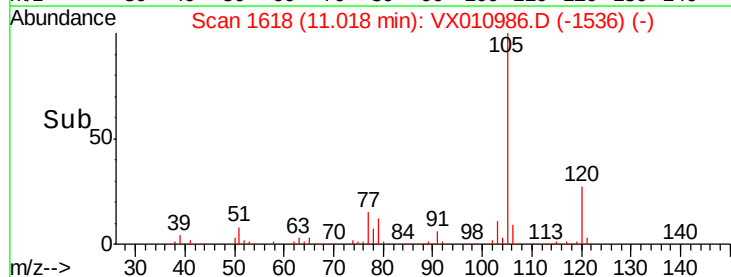
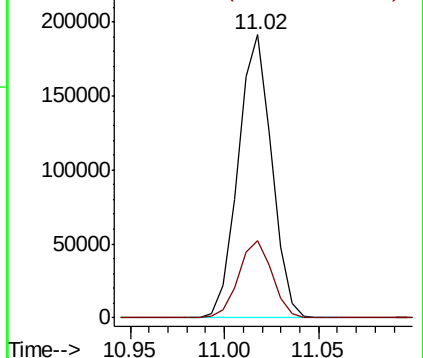
105 100

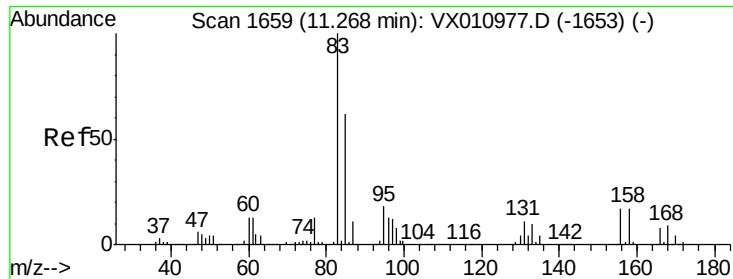
120 27.4 19.4 36.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

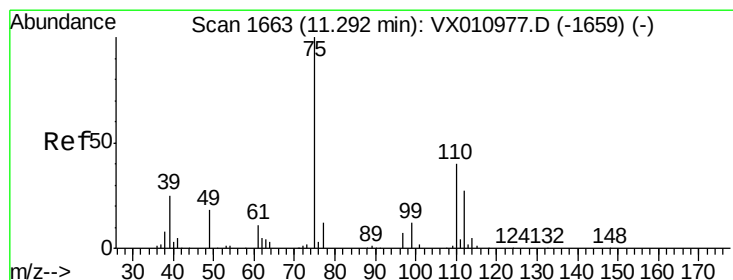
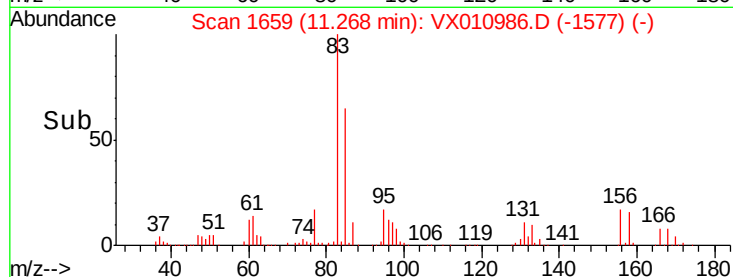
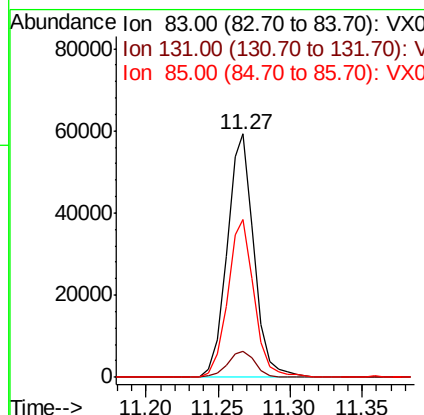
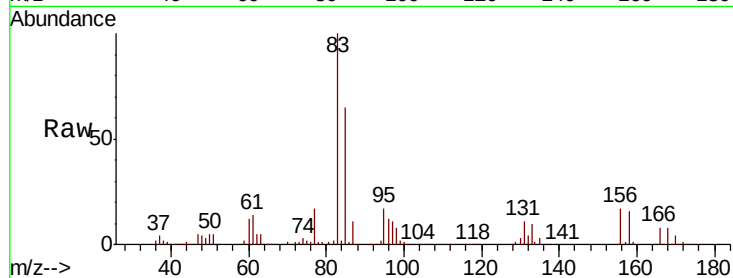




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.057 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX010986.D
 Acq: 19 Jul 2019 02:38

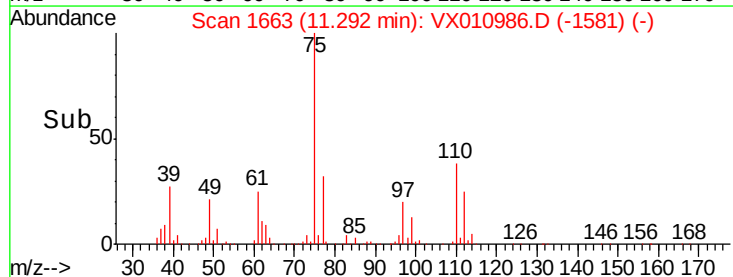
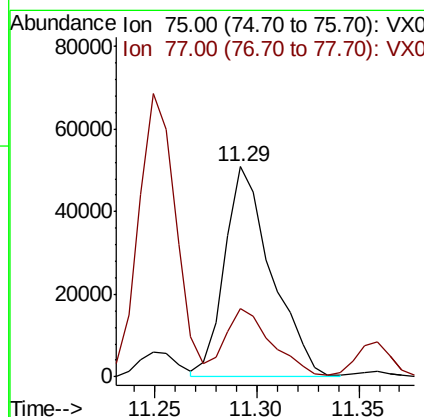
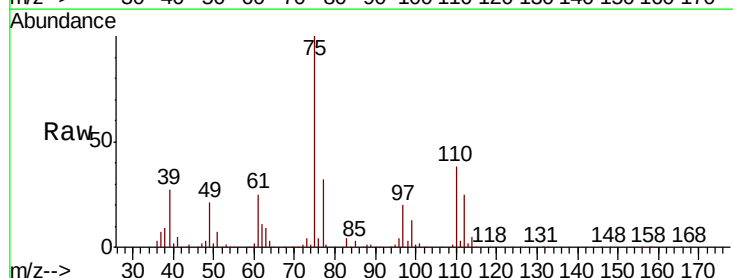
Instrument :
 MSVOA_X
 ClientSampleId :

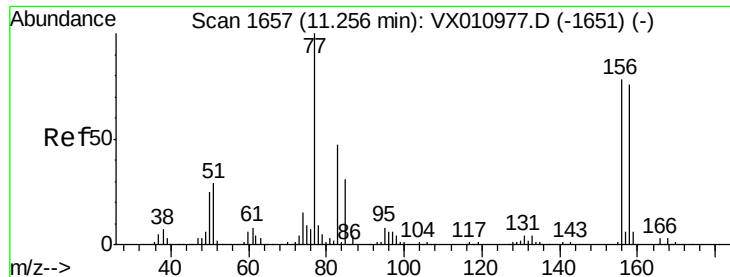
Tot Ion: 83 Resp: 77556
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.5 16.4
 85 64.0 32.1 96.3



#72
 1,2,3-Trichloropropane
 Concen: 26.169 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX010986.D
 Acq: 19 Jul 2019 02:38

Tgt Ion: 75 Resp: 80452
 Ion Ratio Lower Upper
 75 100
 77 32.5 0.0 84.0





#73

Bromobenzene

Concen: 20.688 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010986.D

Acq: 19 Jul 2019 02:38

Instrument :

MSVOA_X

ClientSampleId :

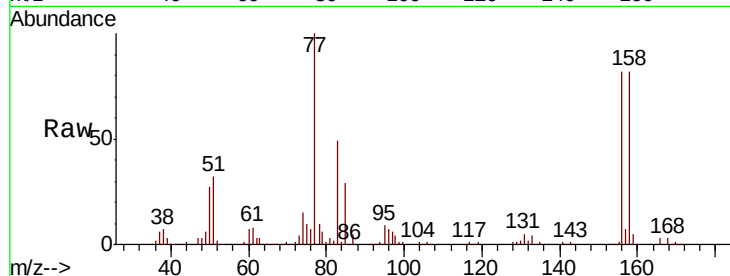
Tot Ion:156 Resp: 63759

Ion Ratio Lower Upper

156 100

77 135.0 0.0 275.8

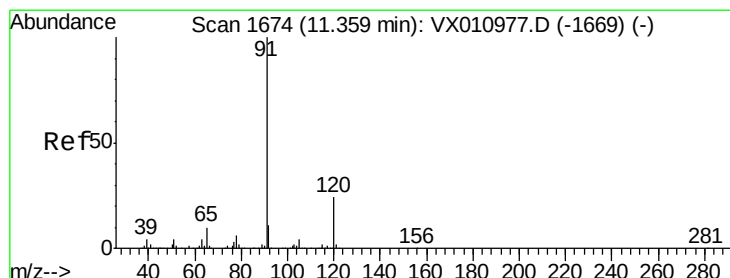
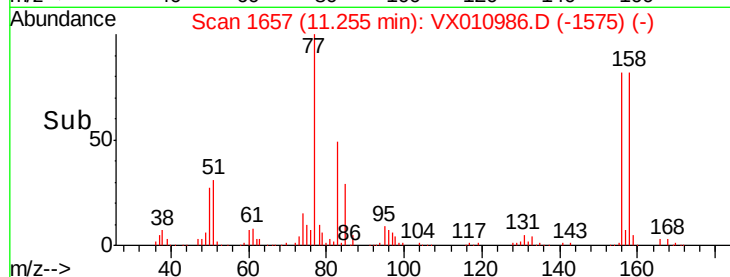
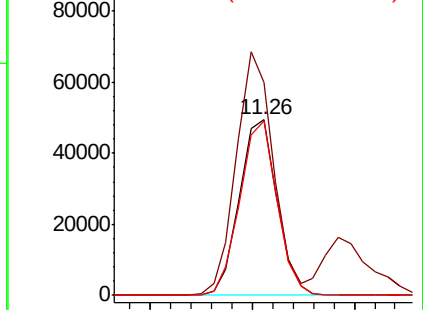
158 97.8 0.0 195.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.684 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010986.D

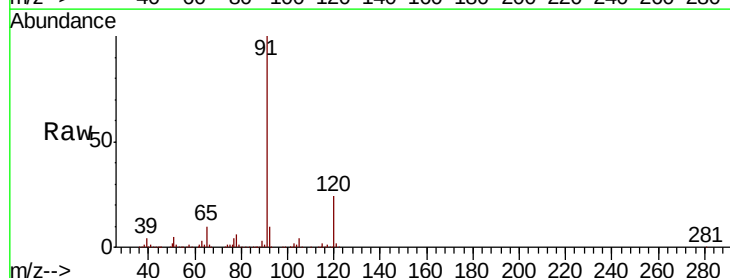
Acq: 19 Jul 2019 02:38

Tgt Ion: 91 Resp: 265909

Ion Ratio Lower Upper

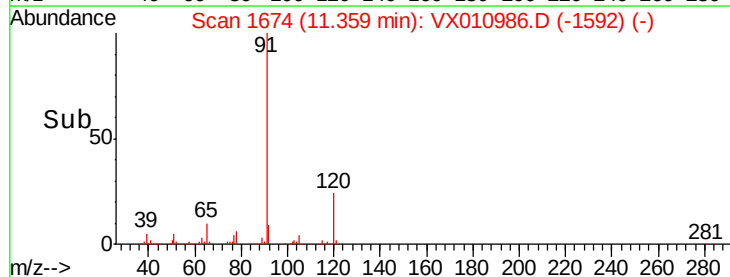
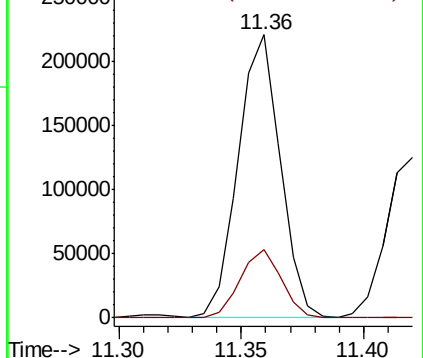
91 100

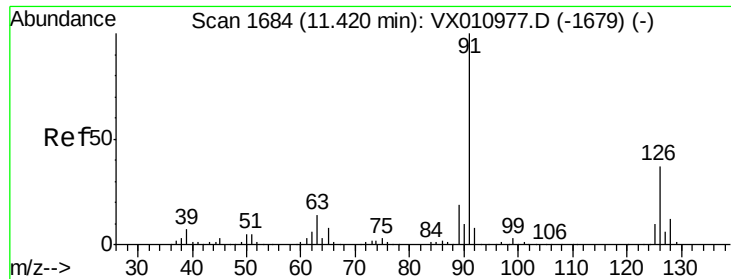
120 23.6 0.0 47.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.564 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010986.D

Acq: 19 Jul 2019 02:38

Instrument :

MSVOA_X

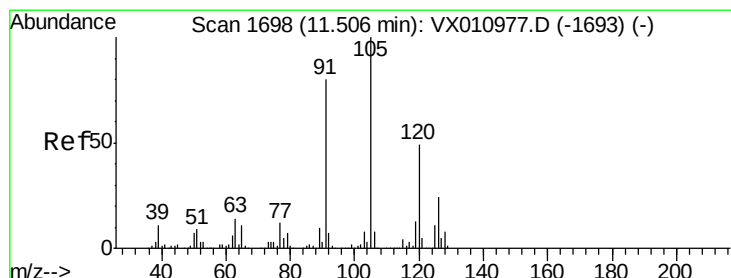
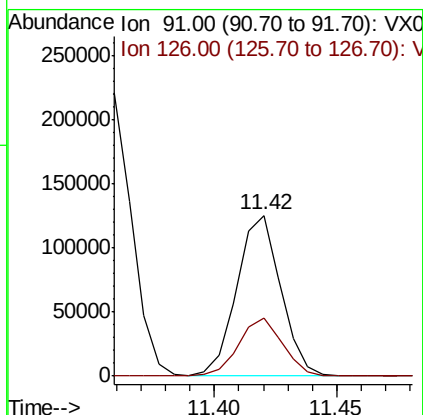
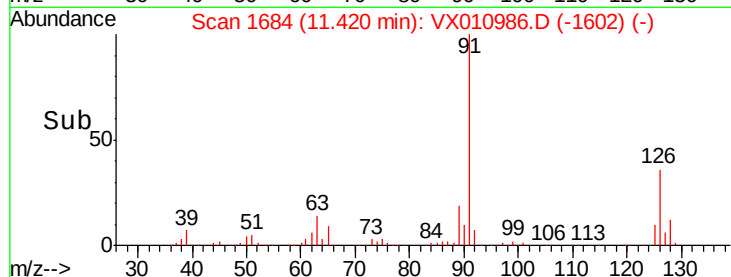
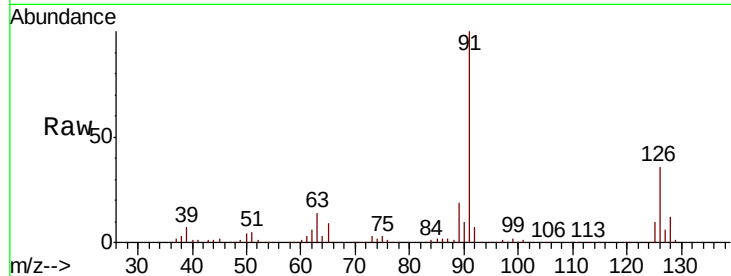
ClientSampleId :

Tot Ion: 91 Resp: 157456

Ion Ratio Lower Upper

91 100

126 36.3 0.0 72.4



#76

1,3,5-Trimethylbenzene

Concen: 20.545 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010986.D

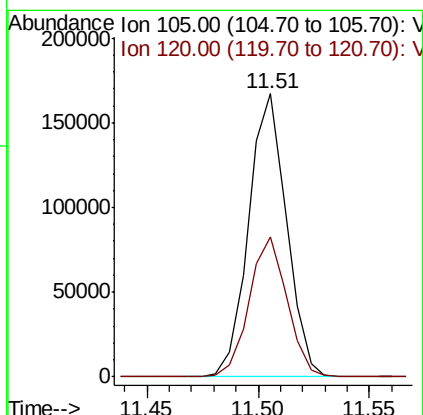
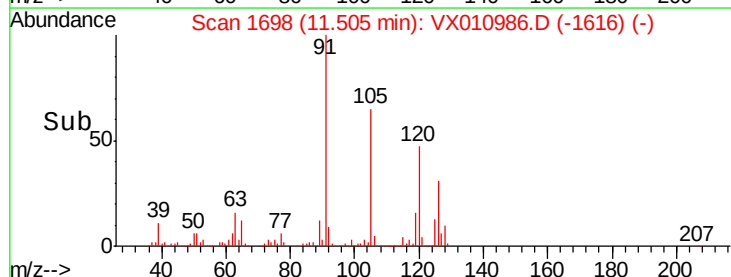
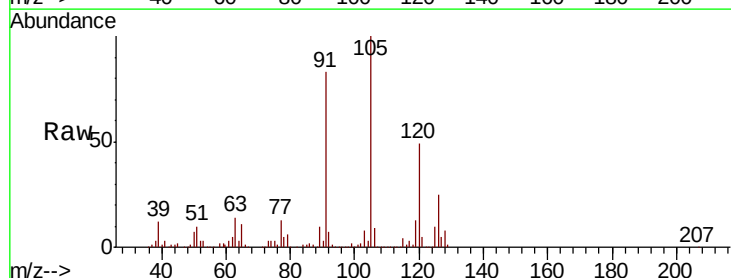
Acq: 19 Jul 2019 02:38

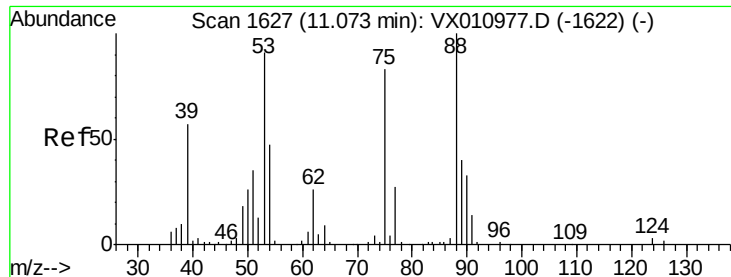
Tgt Ion: 105 Resp: 198649

Ion Ratio Lower Upper

105 100

120 49.4 0.0 96.6





#77

t-1,4-Dichloro-2-butene

Concen: 18.262 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010986.D

Acq: 19 Jul 2019 02:38

Instrument :

MSVOA_X

ClientSampleId :

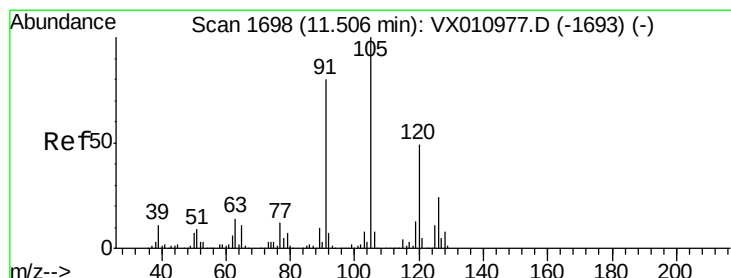
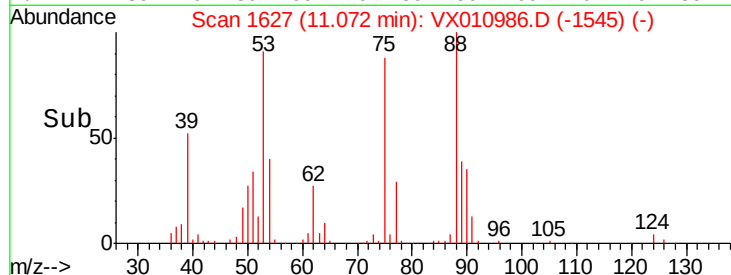
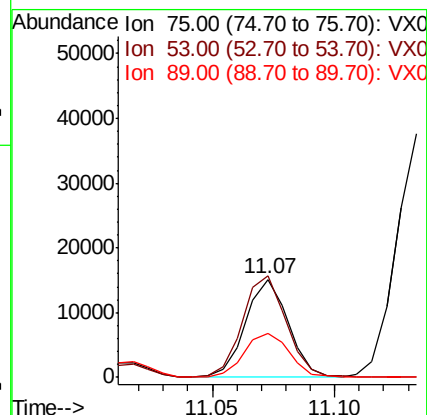
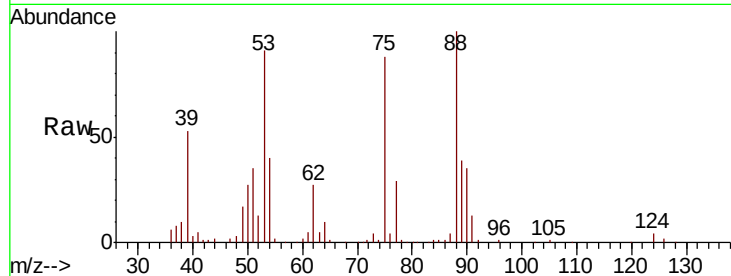
Tot Ion: 75 Resp: 18524

Ion Ratio Lower Upper

75 100

53 102.9 54.8 164.3

89 44.6 24.6 73.6



#78

4-Chlorotoluene

Concen: 20.467 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010986.D

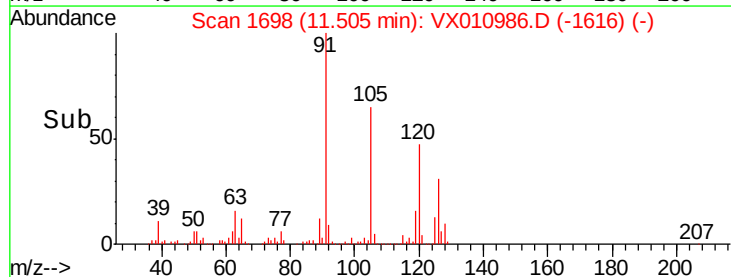
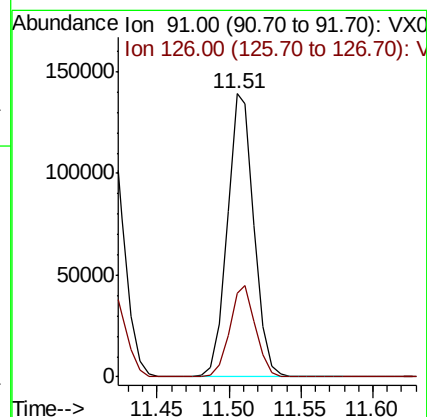
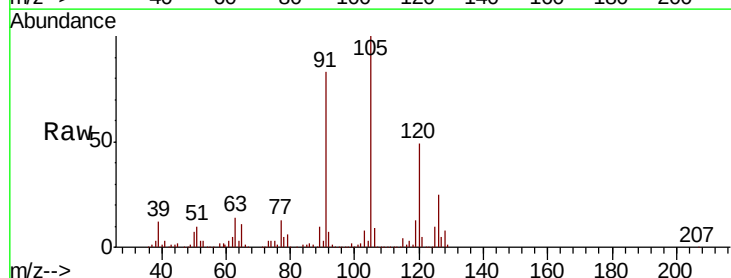
Acq: 19 Jul 2019 02:38

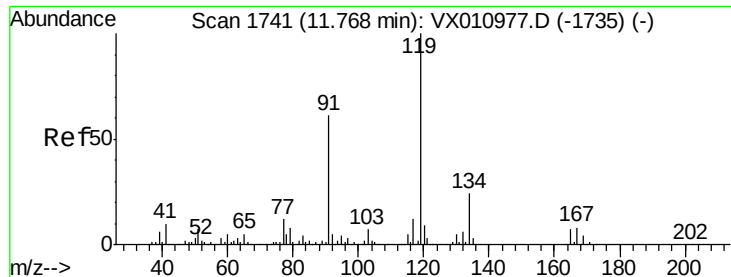
Tgt Ion: 91 Resp: 179978

Ion Ratio Lower Upper

91 100

126 31.6 0.0 63.6

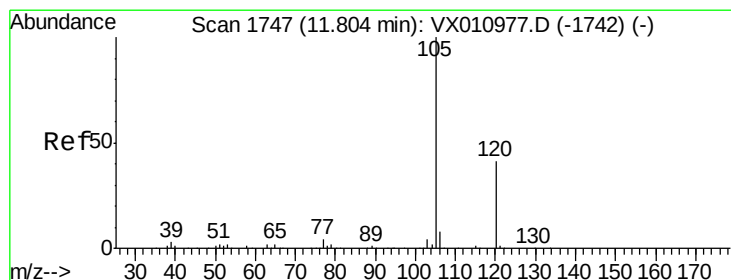
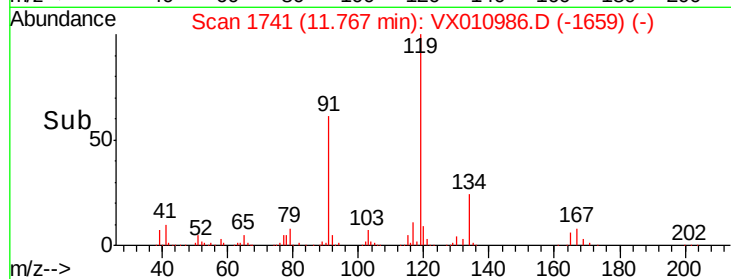
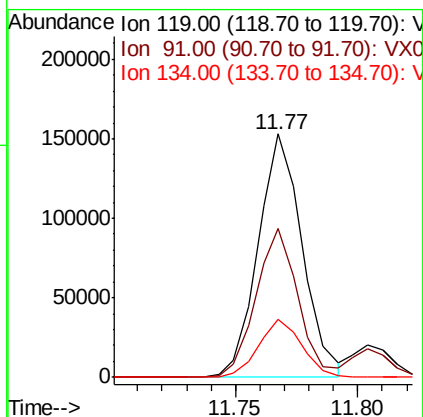
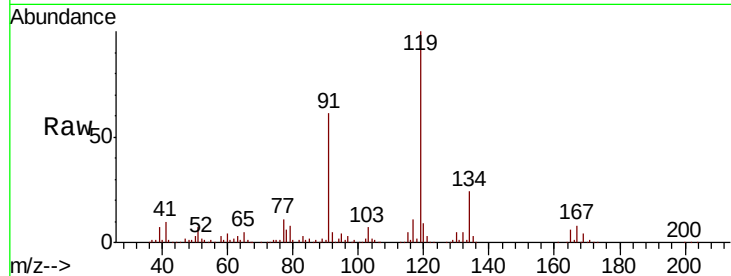




#79
tert-butylbenzene
Concen: 20.596 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010986.D
Acq: 19 Jul 2019 02:38

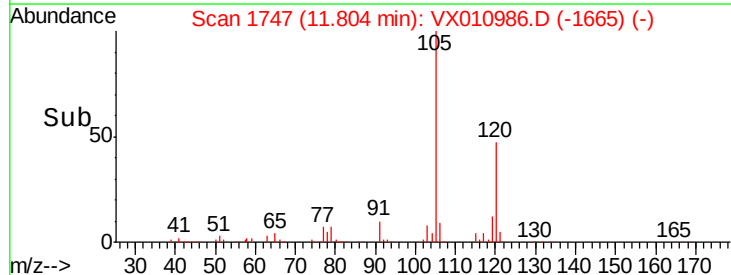
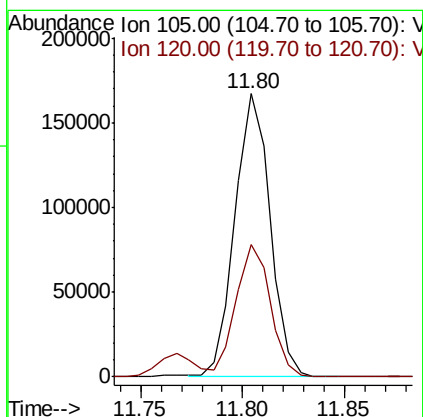
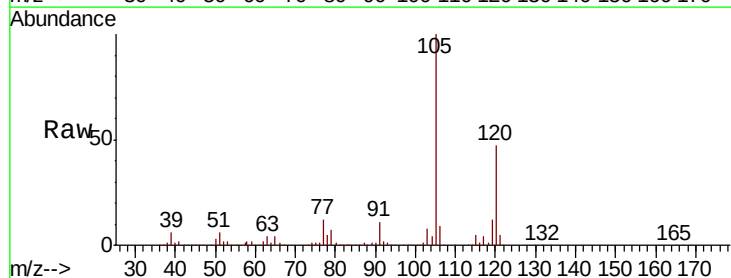
Instrument :
MSVOA_X
ClientSampleId :

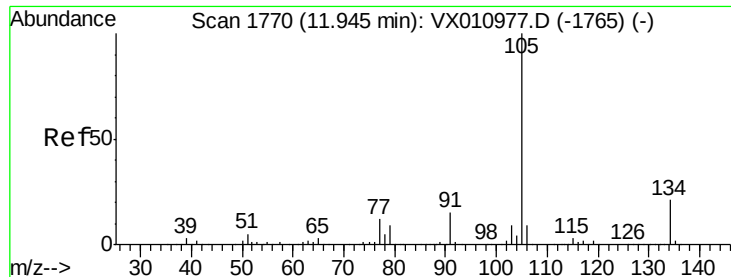
Tot Ion:119 Resp: 193152
Ion Ratio Lower Upper
119 100
91 58.7 0.0 118.4
134 23.5 0.0 47.4



#80
1,2,4-Trimethylbenzene
Concen: 20.569 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010986.D
Acq: 19 Jul 2019 02:38

Tgt Ion:105 Resp: 200275
Ion Ratio Lower Upper
105 100
120 45.4 0.0 91.6

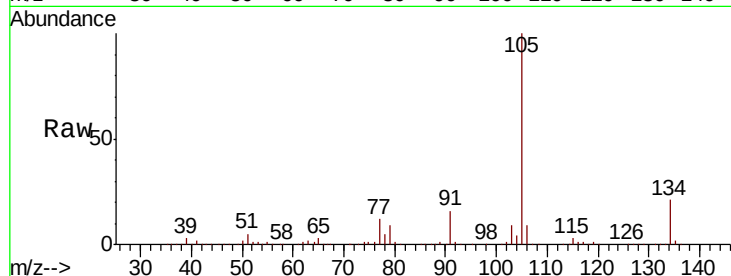




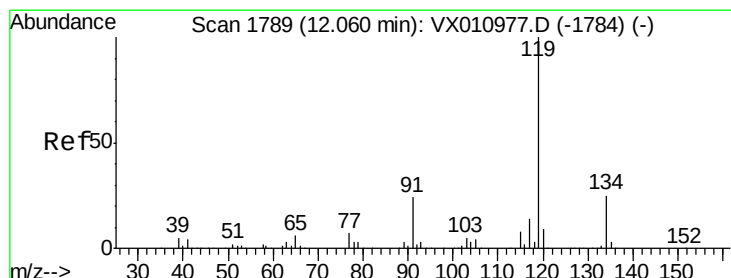
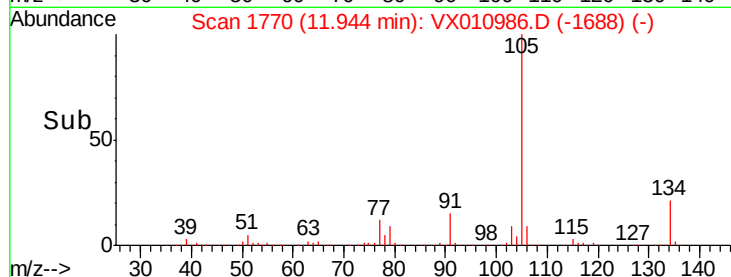
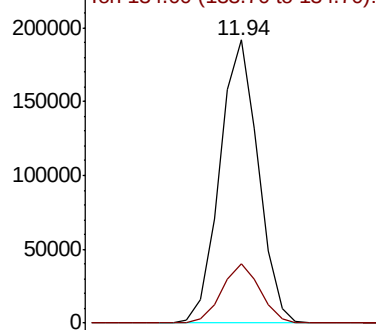
#81
 sec-Butylbenzene
 Concen: 20.919 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010986.D
 Acq: 19 Jul 2019 02:38

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:105 Resp: 231257
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 41.8

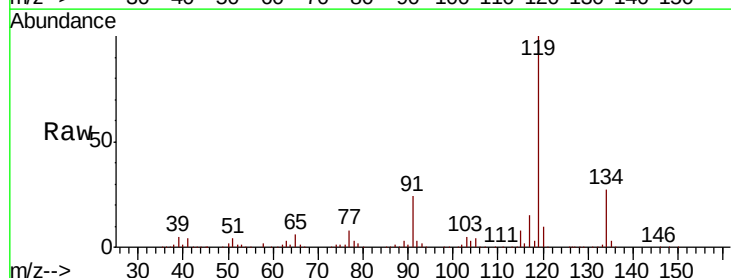


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

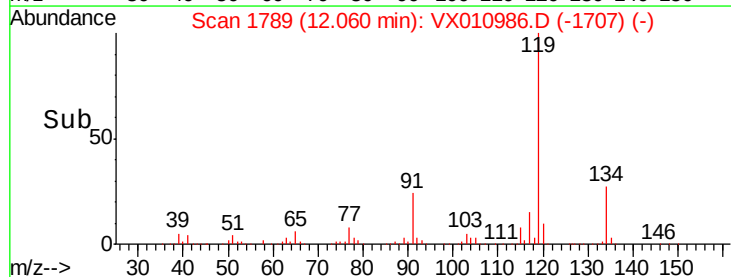
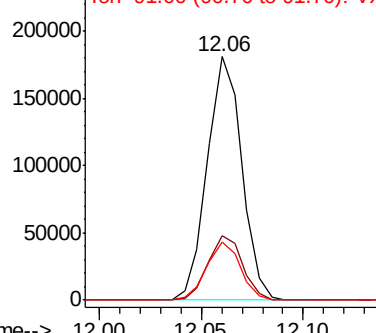


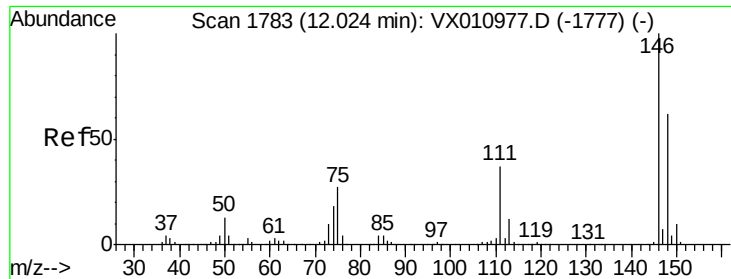
#82
 p-Isopropyltoluene
 Concen: 20.670 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010986.D
 Acq: 19 Jul 2019 02:38

Tgt Ion:119 Resp: 212036
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 52.8
 91 23.6 0.0 47.0



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): V

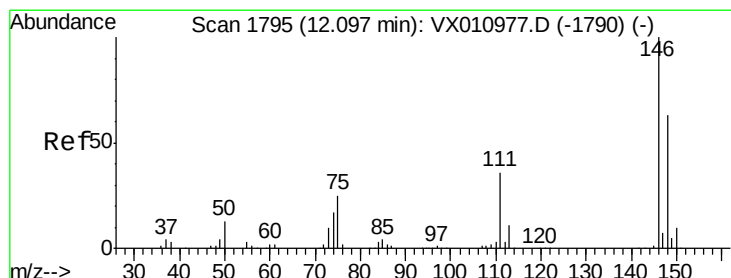
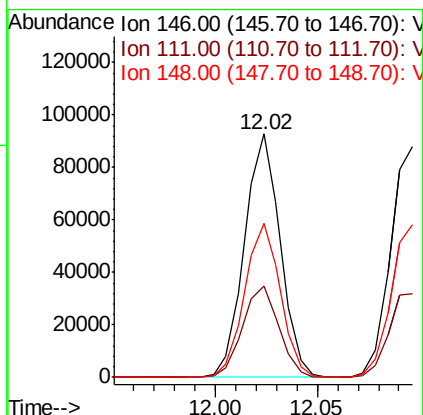
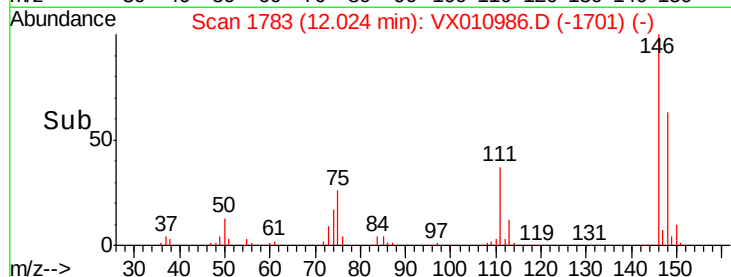
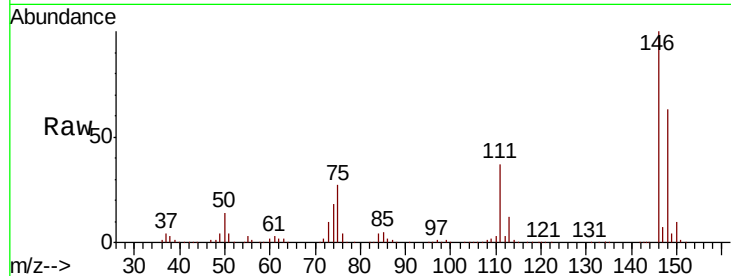




#83
 1,3-Dichlorobenzene
 Concen: 20.764 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010986.D
 Acq: 19 Jul 2019 02:38

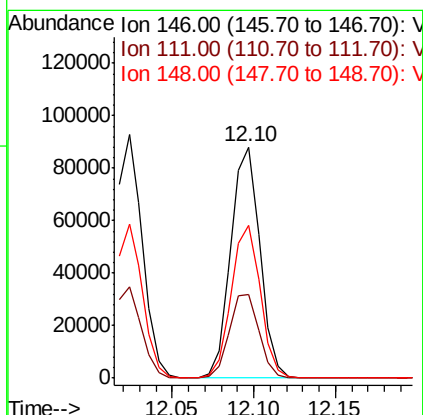
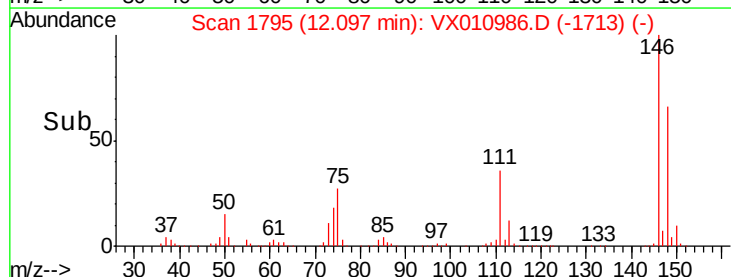
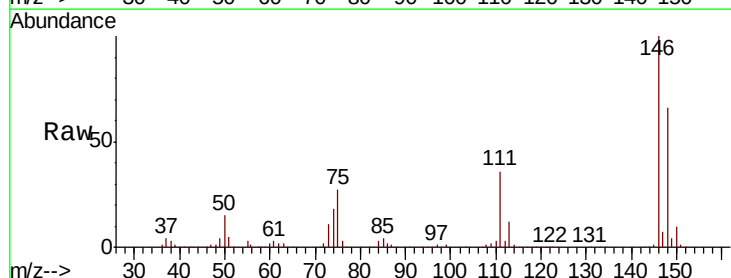
Instrument :
 MSVOA_X
 ClientSampled :

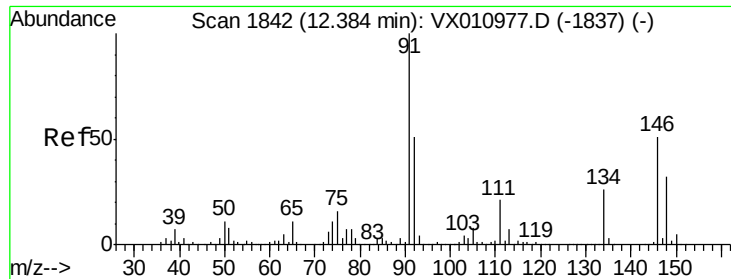
Tot Ion:146 Resp: 112974
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.9 56.9
 148 63.3 31.4 94.0



#84
 1,4-Dichlorobenzene
 Concen: 20.283 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010986.D
 Acq: 19 Jul 2019 02:38

Tgt Ion:146 Resp: 109684
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.5 55.5
 148 65.9 32.0 96.0





#85

n-Butylbenzene

Concen: 20.320 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX010986.D

Acq: 19 Jul 2019 02:38

Instrument :

MSVOA_X

ClientSampled :

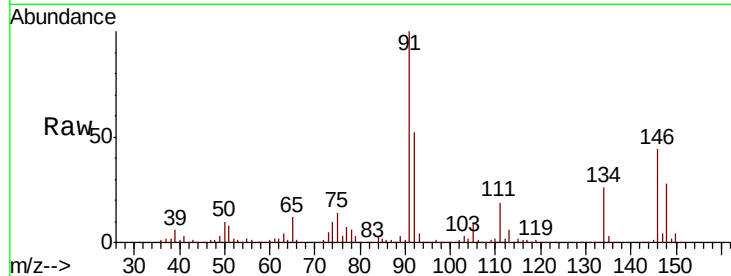
Tot Ion: 91 Resp: 177499

Ion Ratio Lower Upper

91 100

92 52.3 0.0 103.6

134 27.8 0.0 54.2

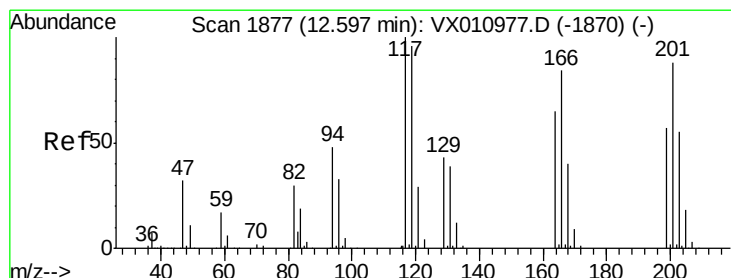
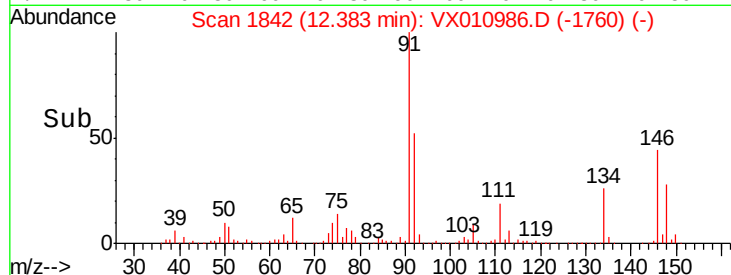
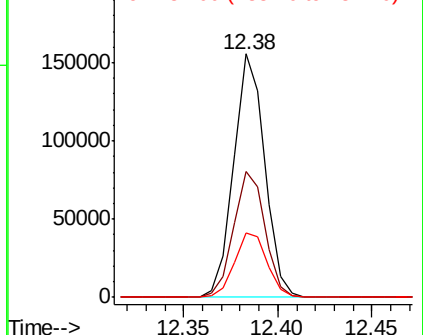


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#86

Hexachloroethane

Concen: 19.054 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX010986.D

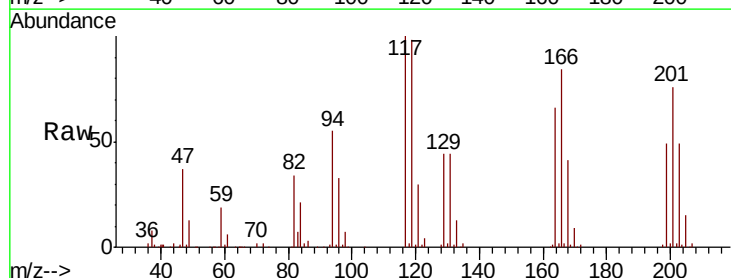
Acq: 19 Jul 2019 02:38

Tgt Ion: 117 Resp: 30828

Ion Ratio Lower Upper

117 100

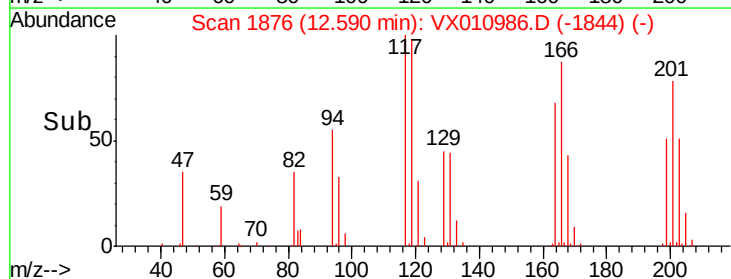
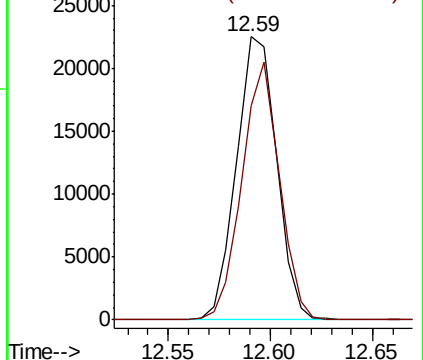
201 85.1 42.1 126.3

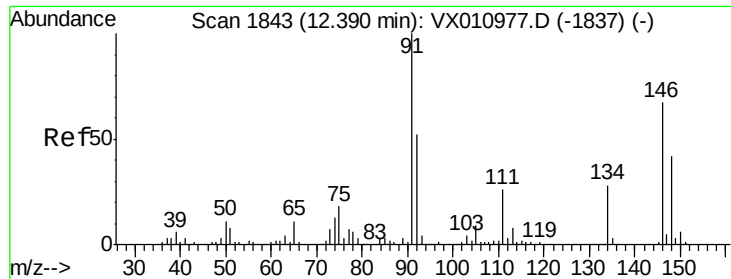


Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V

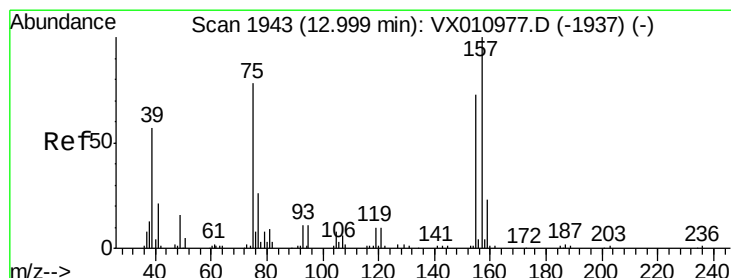
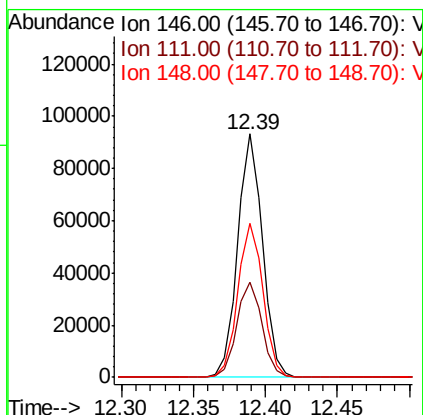
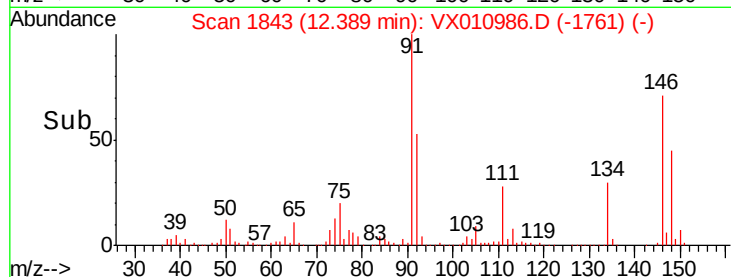
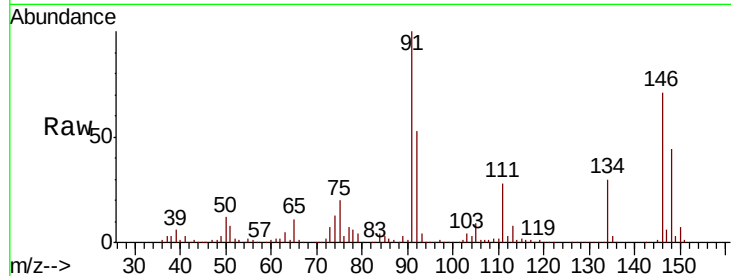




#87
 1,2-Dichlorobenzene
 Concen: 21.098 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010986.D
 Acq: 19 Jul 2019 02:38

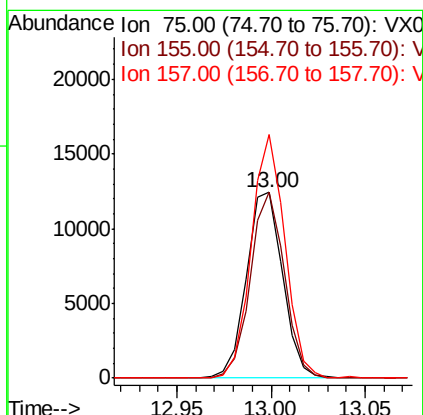
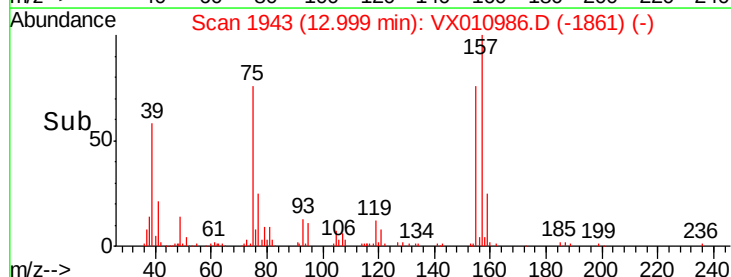
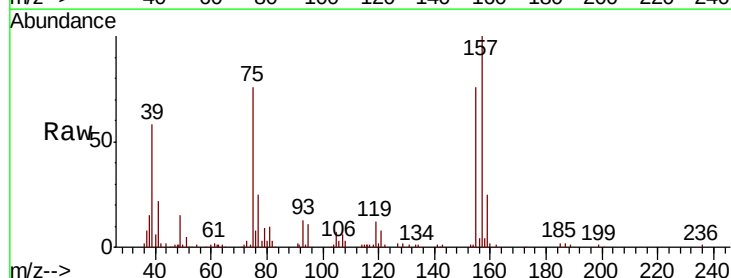
Instrument :
 MSVOA_X
 ClientSampleId :

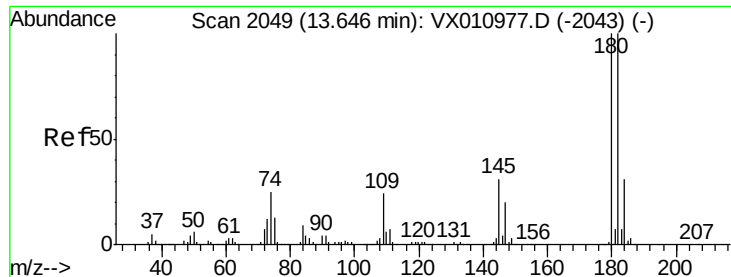
Tot Ion:146 Resp: 112386
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.5 58.5
 148 63.6 31.5 94.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.447 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010986.D
 Acq: 19 Jul 2019 02:38

Tgt Ion: 75 Resp: 16580
 Ion Ratio Lower Upper
 75 100
 155 94.2 76.6 115.0
 157 120.9 101.0 151.4

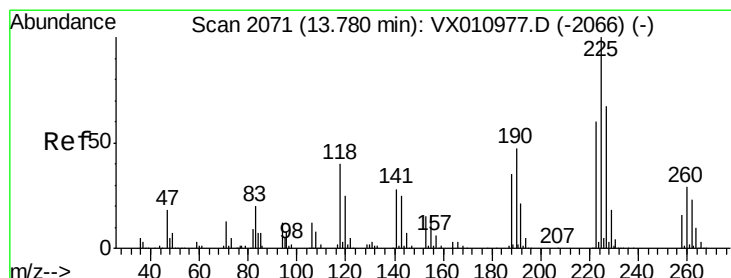
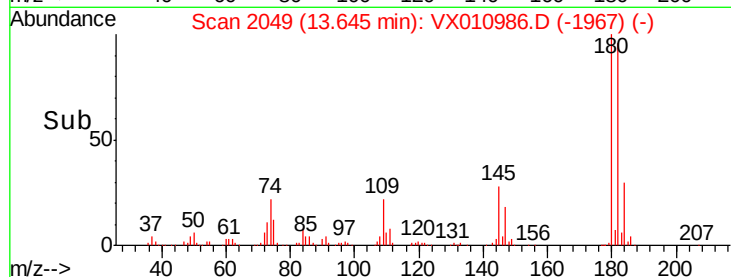
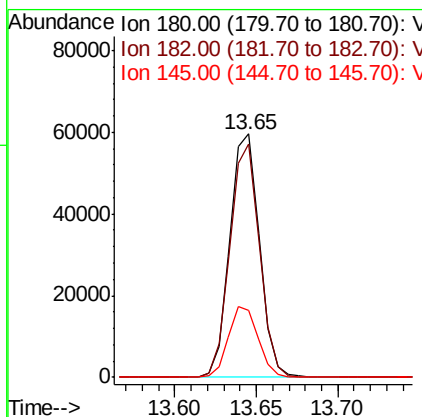
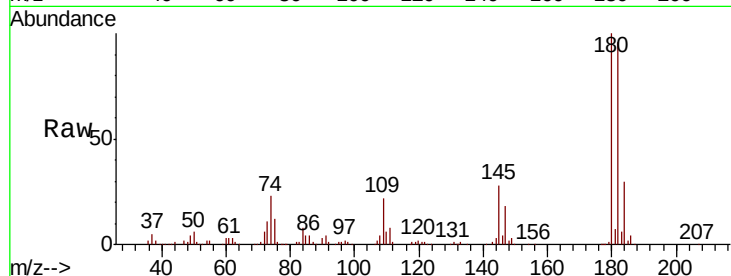




#89
 1,2,4-Trichlorobenzene
 Concen: 20.448 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010986.D
 Acq: 19 Jul 2019 02:38

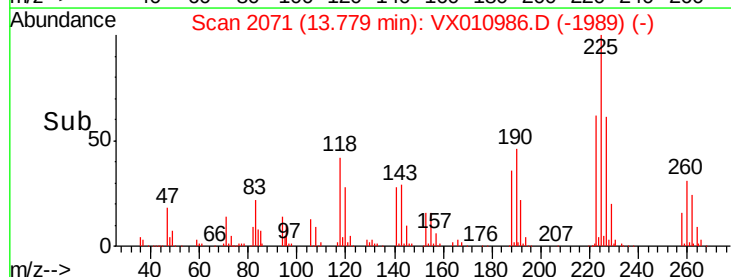
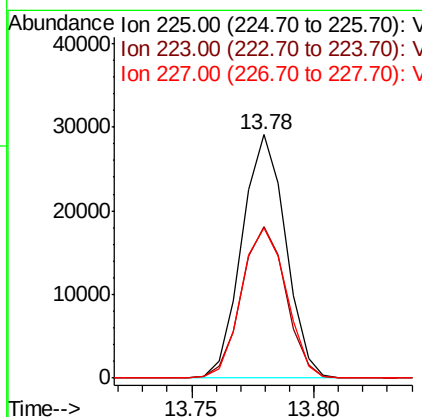
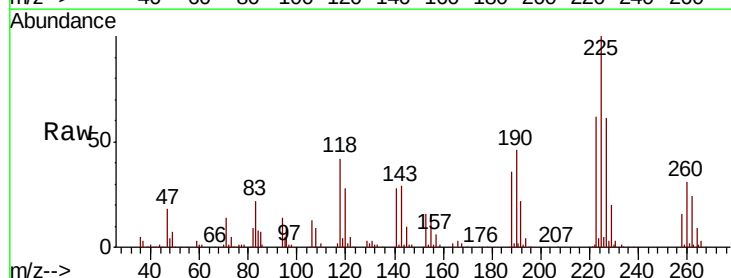
Instrument :
 MSVOA_X
 ClientSampled :

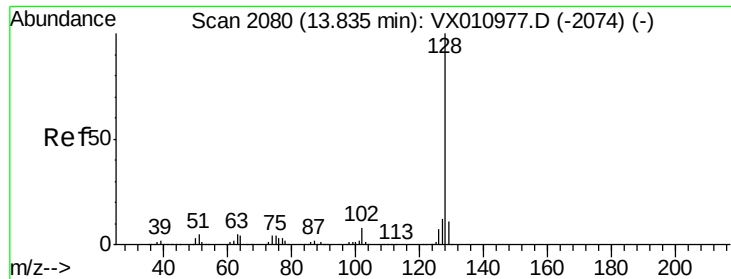
Tot Ion:180 Resp: 75131
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.6 116.4
 145 29.4 23.8 35.6



#90
 Hexachlorobutadiene
 Concen: 20.413 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010986.D
 Acq: 19 Jul 2019 02:38

Tgt Ion:225 Resp: 36264
 Ion Ratio Lower Upper
 225 100
 223 62.6 0.0 121.4
 227 63.3 0.0 126.6

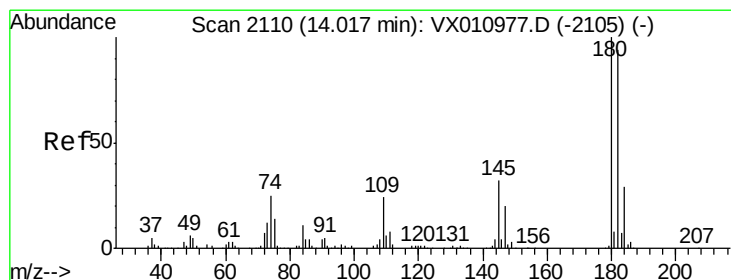
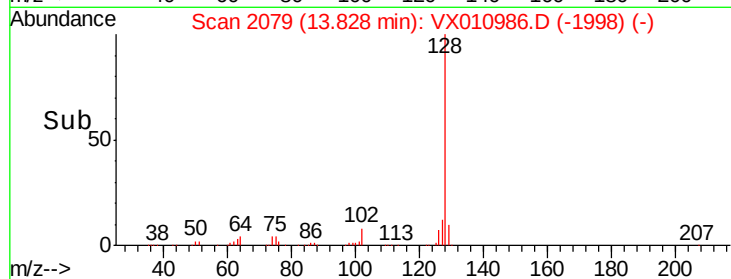
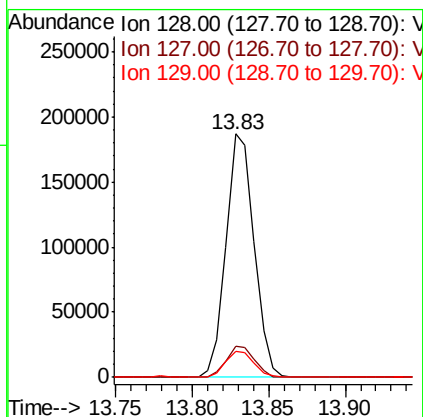
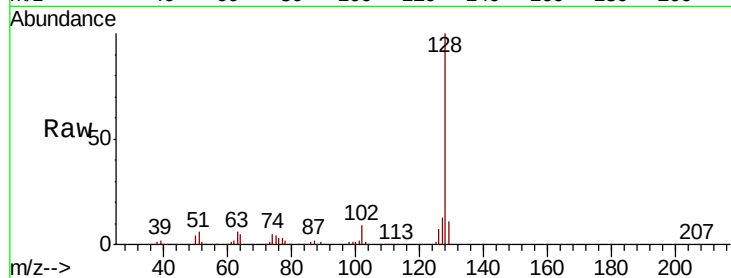




#91
Naphthalene
Concen: 21.148 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX010986.D
Acq: 19 Jul 2019 02:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 237094
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.5 12.7



#92
1,2,3-Trichlorobenzene
Concen: 20.970 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010986.D
Acq: 19 Jul 2019 02:38

Tgt Ion:180 Resp: 77226
Ion Ratio Lower Upper
180 100
182 96.0 0.0 190.2
145 31.6 0.0 63.8

