

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020819\
 Data File : VX007438.D
 Acq On : 08 Feb 2019 13:30
 Operator : JC/SP
 Sample : VX0208WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 08 22:58:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X012519W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 28 10:35:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	82487	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	435457	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	388505	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	158589	29.29	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.63%
60) 4-Bromofluorobenzene	11.13	95	181732	30.31	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.03%
63) Toluene-d8	8.71	98	528561	30.18	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	63371	17.115	ug/l 99
3) Chloromethane	1.33	50	72100	17.418	ug/l 99
4) Vinyl Chloride	1.41	62	85309	18.161	ug/l 97
5) Bromomethane	1.64	94	75131	15.345	ug/l 95
6) Chloroethane	1.73	64	57627	18.203	ug/l 95
7) Trichlorofluoromethane	1.93	101	144281	18.193	ug/l 99
8) Diethyl Ether	2.19	74	57622	19.222	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	85150	18.179	ug/l 99
10) 1,1-Dichloroethene	2.38	96	78613	18.466	ug/l 98
11) Methyl Iodide	2.51	142	121364	17.571	ug/l 96
12) Methyl Acetate	2.78	43	146302	20.179	ug/l 94
13) Acrolein	2.30	56	37195	70.861	ug/l 95
14) Acrylonitrile	3.15	53	267658	98.604	ug/l 99
15) Acetone	2.45	58	75758	98.188	ug/l 95
16) Carbon Disulfide	2.57	76	172335	16.788	ug/l 99
17) Allyl chloride	2.73	41	137252	18.542	ug/l 98
18) Methylene Chloride	2.86	84	92578	18.867	ug/l 97
19) trans-1,2-Dichloroethene	3.17	96	85238	18.490	ug/l 97
20) Diisopropyl ether	3.87	45	266570	19.343	ug/l 94
21) 1,1-Dichloroethane	3.70	63	146477	18.610	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	96491	19.033	ug/l 100
23) tert-Butyl Alcohol	3.07	59	118934	104.260	ug/l 100
24) Methyl tert-Butyl Ether	3.21	73	286757	19.230	ug/l 100
25) Chloroform	5.21	83	156526	19.241	ug/l 96
26) Cyclohexane	5.58	56	119747	18.064	ug/l # 100
29) 1,1-Dichloropropene	5.80	75	110197	19.413	ug/l 99
30) 2-Butanone	4.70	43	346828	102.252	ug/l # 98
31) 2,2-Dichloropropane	4.59	77	111273	19.402	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	131285	19.569	ug/l 100
33) Carbon Tetrachloride	5.79	117	112010	18.993	ug/l 96
34) Benzene	6.14	78	342766	19.576	ug/l 97
35) Methacrylonitrile	5.06	41	69625	20.109	ug/l 97
36) 1,2-Dichloroethane	6.20	62	120217	19.897	ug/l 99
37) Trichloroethene	7.21	130	98387	19.057	ug/l 95
38) Methylcyclohexane	7.46	83	128938	17.922	ug/l 99
39) 1,2-Dichloropropane	7.52	63	87315	19.884	ug/l 99
40) Dibromomethane	7.66	93	61840	19.550	ug/l 98

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Instrument :
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 ClientSampleId :

Quant Time: Feb 08 22:58:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X012519W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 28 10:35:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	105386	18.984	ug/l	93
42) Vinyl Acetate	3.82	43	1105787	96.153	ug/l	99
43) Ethyl Acetate	4.86	43	124883	19.732	ug/l	98
44) Isopropyl Acetate	6.46	43	191264	19.349	ug/l	98
45) 1,4-Dioxane	7.75	88	50256	419.549	ug/l	98
46) Methyl methacrylate	7.77	41	99775	19.740	ug/l	98
47) n-amyl Acetate	10.90	43	165735	19.068	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	111072	18.345	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	129303	19.224	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	97666	20.572	ug/l	96
51) Ethyl methacrylate	9.18	69	134503	19.828	ug/l	94
52) 1,3-Dichloropropane	9.37	76	151280	19.900	ug/l	99
53) Dibromochloromethane	9.58	129	91581	19.086	ug/l	98
54) 1,2-Dibromoethane	9.67	107	101545	19.869	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	380974	102.090	ug/l	100
56) Bromoform	10.85	173	66998	18.388	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	675070	103.913	ug/l	99
59) 2-Hexanone	9.49	43	521131	103.661	ug/l	99
61) Tetrachloroethene	9.34	164	105649	19.510	ug/l	99
62) Toluene	8.79	91	391666	20.028	ug/l	100
64) Chlorobenzene	10.14	112	255211	19.783	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	90906	19.894	ug/l	99
66) Ethyl Benzene	10.25	91	416995	19.681	ug/l	97
67) m/p-Xylenes	10.36	106	330450	39.493	ug/l	99
68) o-Xylene	10.69	106	161568	19.712	ug/l	99
69) Styrene	10.71	104	261855	19.802	ug/l	98
70) Isopropylbenzene	11.02	105	436522	20.117	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.27	83	141467	20.362	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	161017	24.650	ug/l	92
73) Bromobenzene	11.26	156	119129	19.835	ug/l	99
74) n-propylbenzene	11.36	91	484904	19.856	ug/l	98
75) 2-Chlorotoluene	11.42	91	287232	19.833	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	355654	19.638	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	35472	18.691	ug/l	94
78) 4-Chlorotoluene	11.51	91	321101	19.043	ug/l	98
79) tert-butylbenzene	12.06	119	380560	19.421	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	361622	19.720	ug/l	99
81) sec-Butylbenzene	11.94	105	423677	19.401	ug/l	99
82) p-Isopropyltoluene	12.06	119	380560	19.421	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	207052	19.393	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	207370	19.414	ug/l	99
85) n-Butylbenzene	12.39	91	307236	18.269	ug/l	99
86) Hexachloroethane	12.60	117	57117	18.853	ug/l	95
87) 1,2-Dichlorobenzene	12.39	146	210714	19.821	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.00	75	28457	20.096	ug/l	97
89) 1,2,4-Trichlorobenzene	13.65	180	135939	18.627	ug/l	99
90) Hexachlorobutadiene	13.78	225	66918	19.225	ug/l	98
91) Naphthalene	13.83	128	434249	19.657	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	137775	19.039	ug/l	98

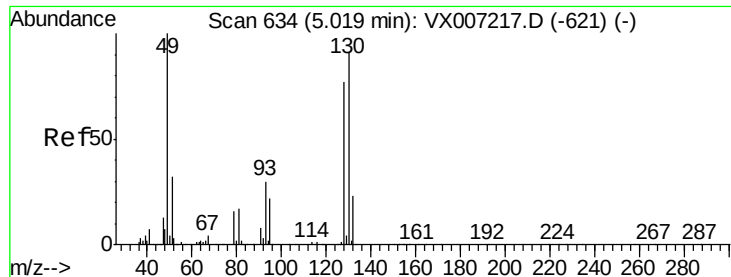
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020819\
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jan 28 10:35:22 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 635

Delta R.T. 0.01 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

ClientSampled :

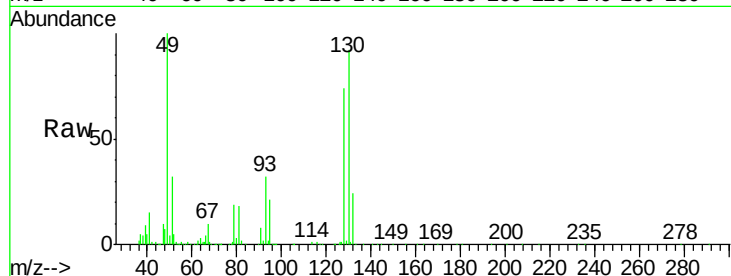
Tot Ion:128 Resp: 82487

Ion Ratio Lower Upper

128 100

49 135.2 0.0 345.5

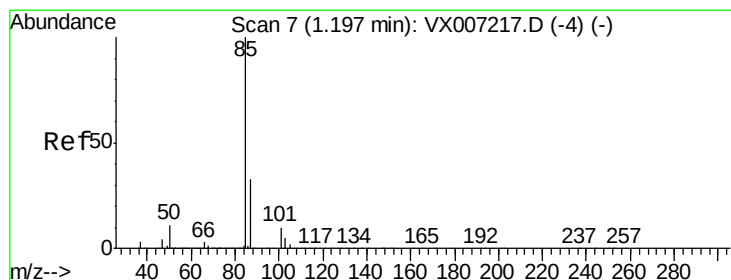
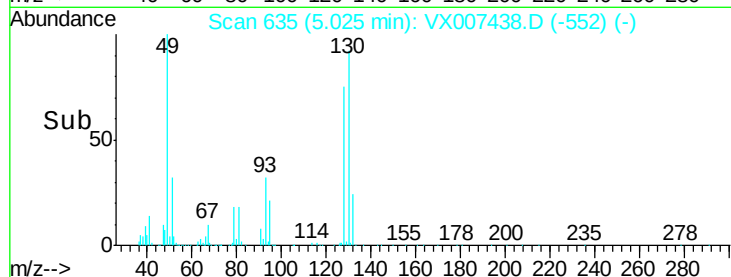
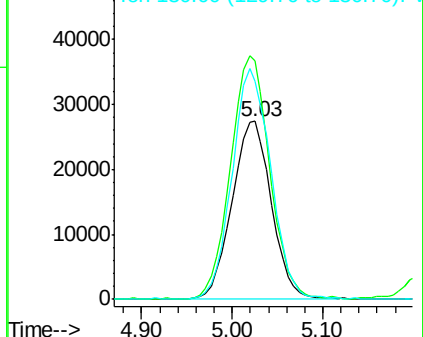
130 127.1 0.0 320.0



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: 17.115 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007438.D

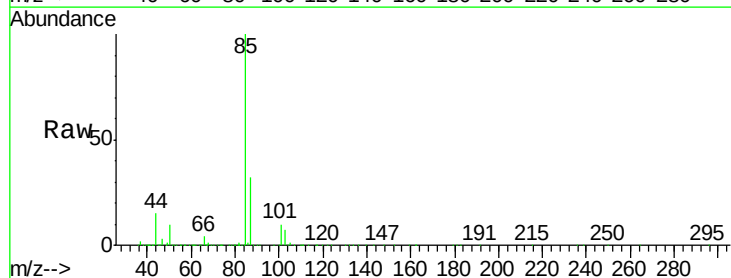
Acq: 08 Feb 2019 13:30

Tgt Ion: 85 Resp: 63371

Ion Ratio Lower Upper

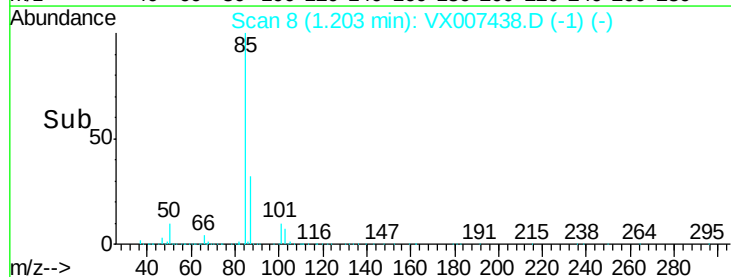
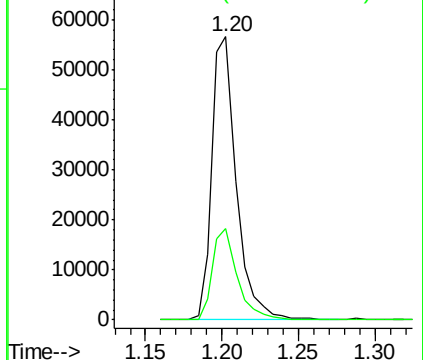
85 100

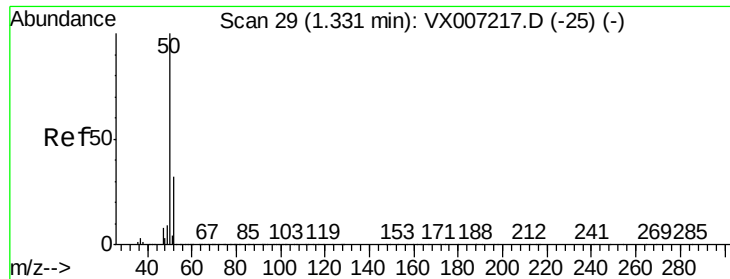
87 32.3 16.4 49.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

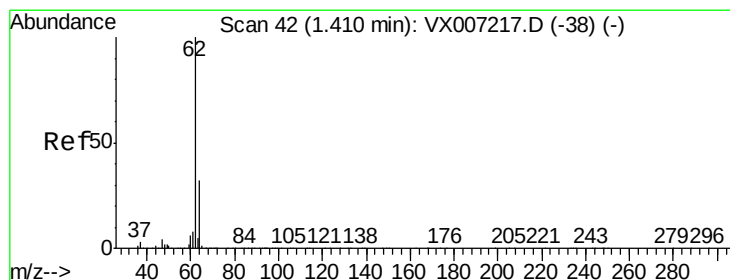
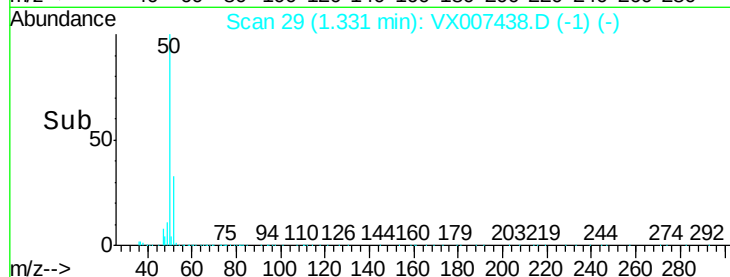
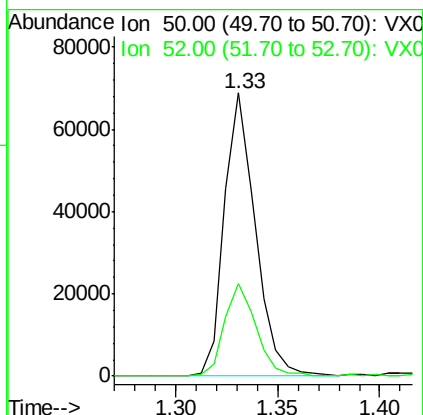
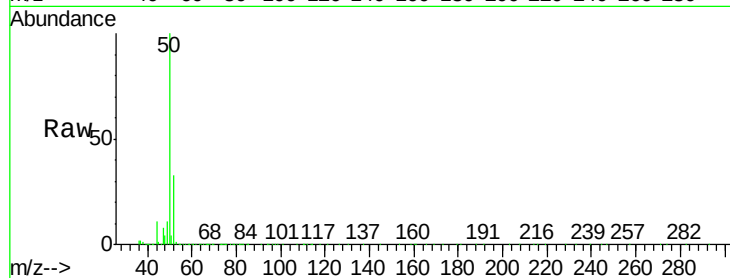




#3
Chloromethane
Concen: 17.418 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

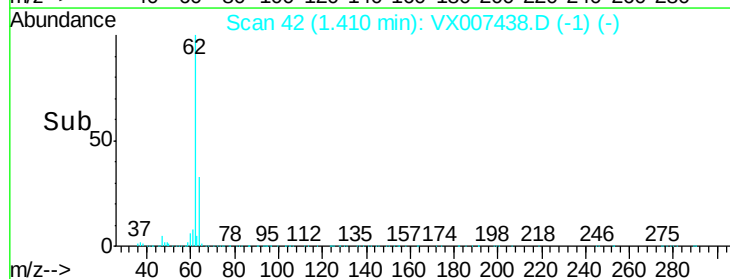
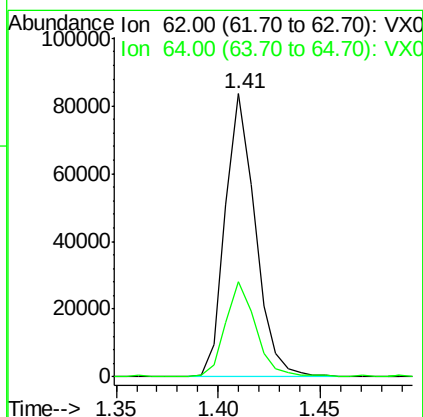
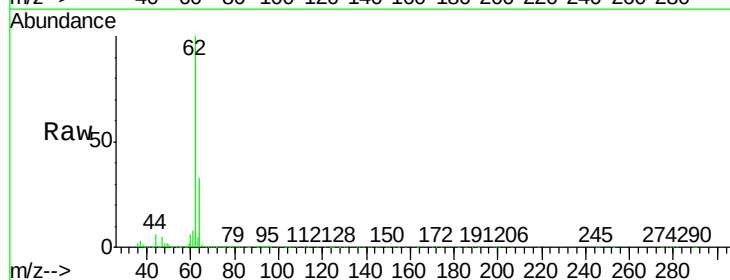
Instrument :
MSVOA_X
ClientSampleId :

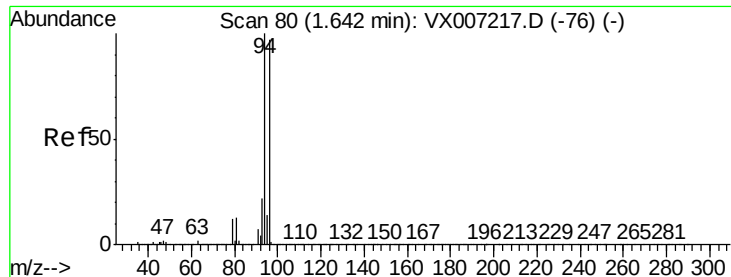
Tot Ion: 50 Resp: 72100
Ion Ratio Lower Upper
50 100
52 32.5 25.7 38.5



#4
Vinyl Chloride
Concen: 18.161 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Tgt Ion: 62 Resp: 85309
Ion Ratio Lower Upper
62 100
64 33.3 25.5 38.3





#5

Bromomethane

Concen: 15.345 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

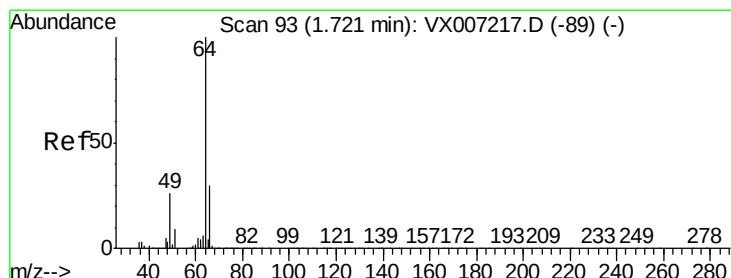
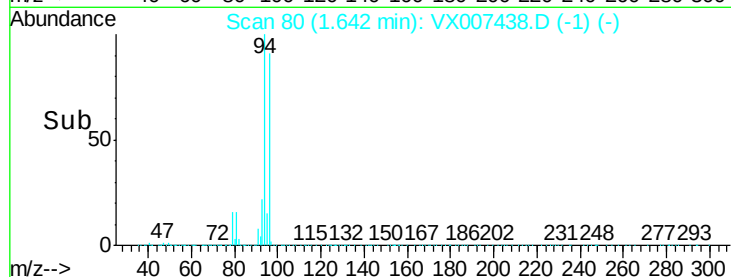
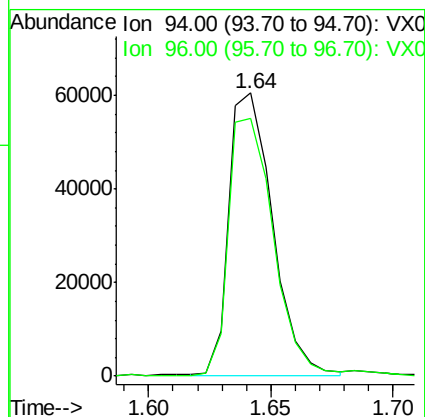
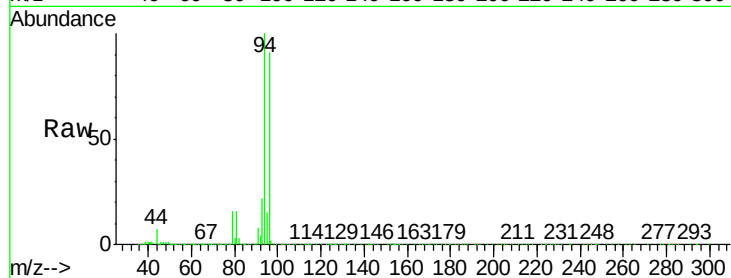
ClientSampleId :

Tot Ion: 94 Resp: 75131

Ion Ratio Lower Upper

94 100

96 91.5 77.4 116.2



#6

Chloroethane

Concen: 18.203 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007438.D

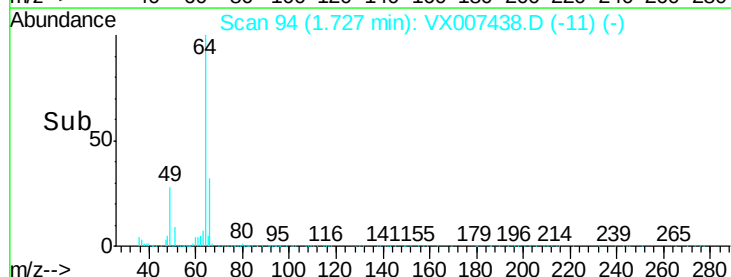
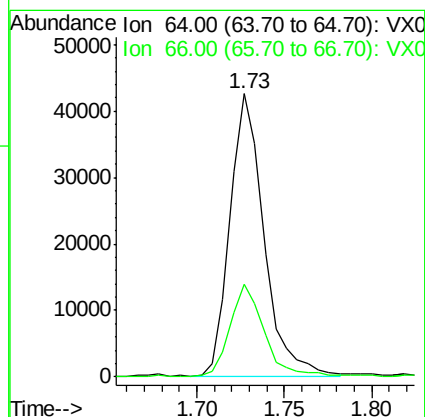
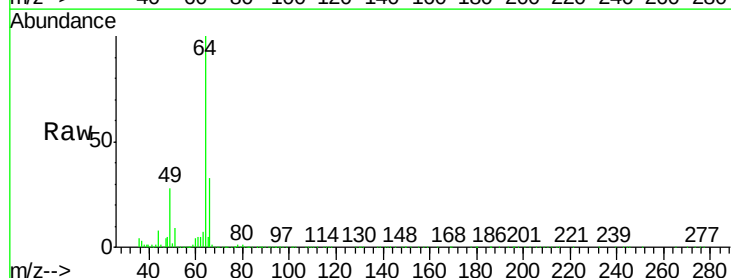
Acq: 08 Feb 2019 13:30

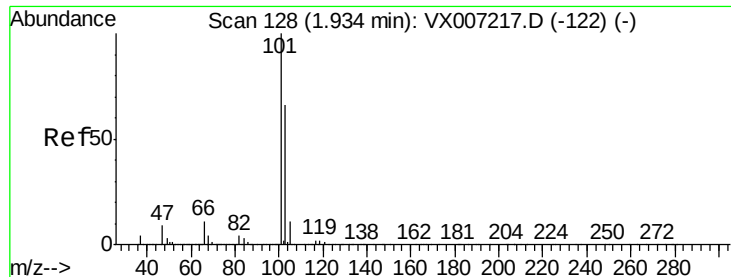
Tgt Ion: 64 Resp: 57627

Ion Ratio Lower Upper

64 100

66 32.7 24.2 36.2



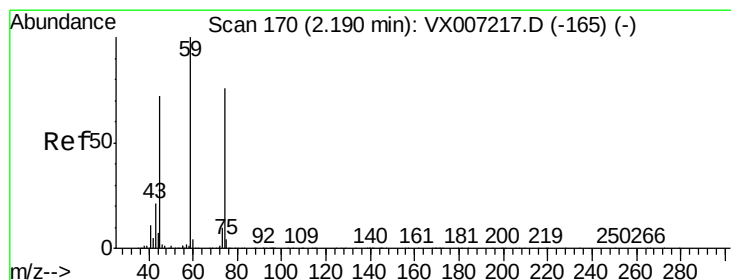
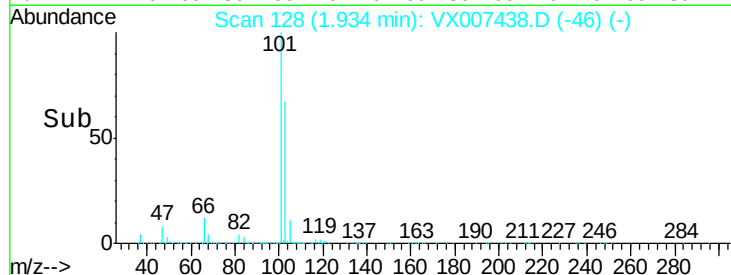
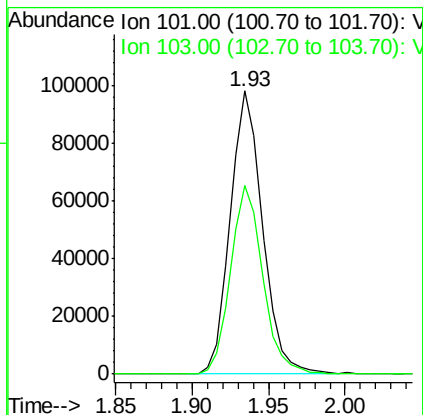
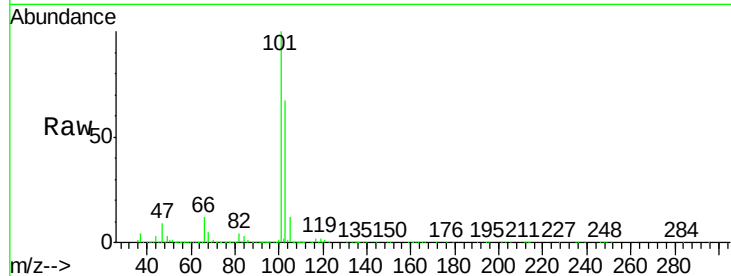


#7

Trichlorofluoromethane
Concen: 18.193 ug/l
RT: 1.93 min Scan# 128
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Instrument :
MSVOA_X
ClientSampleId :

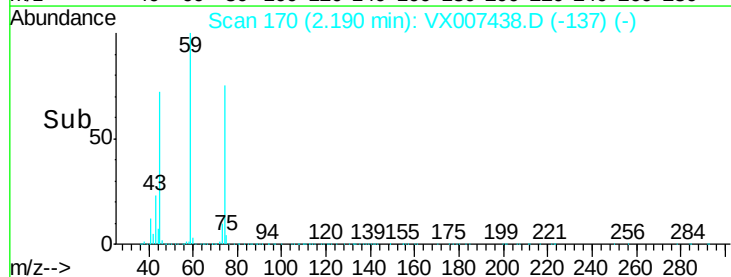
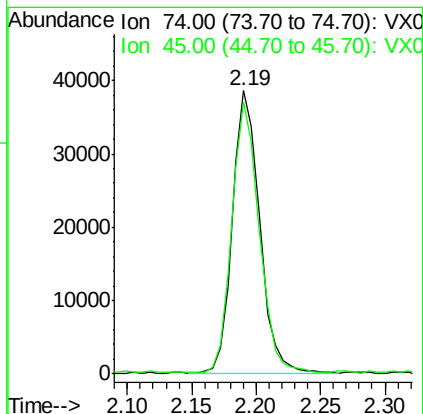
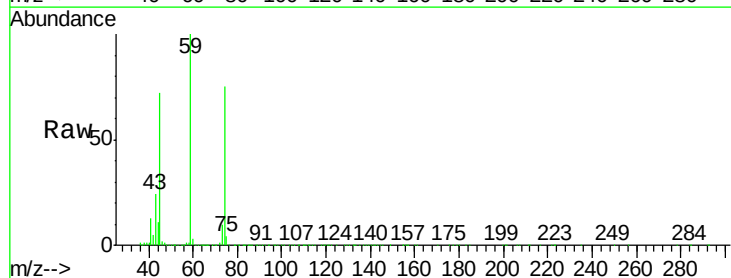
Tot Ion:101 Resp: 144281
Ion Ratio Lower Upper
101 100
103 66.4 52.6 78.8

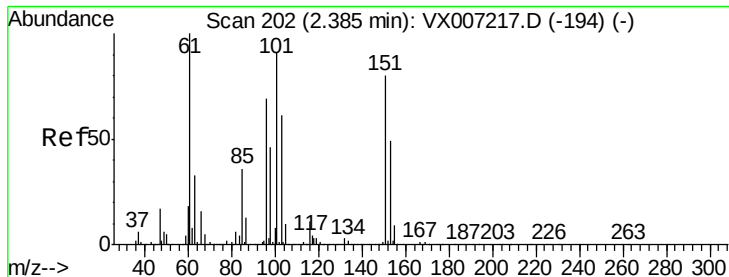


#8

Diethyl Ether
Concen: 19.222 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Tgt Ion: 74 Resp: 57622
Ion Ratio Lower Upper
74 100
45 94.6 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.179 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

ClientSampled :

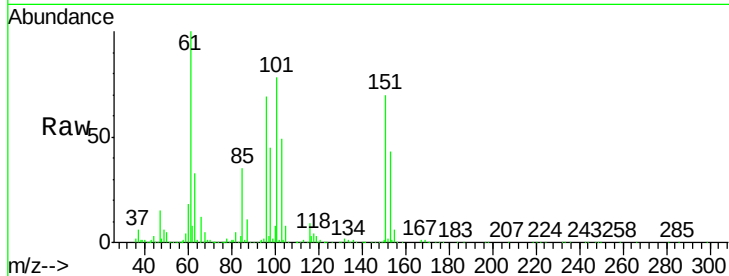
Tot Ion:101 Resp: 85150

Ion Ratio Lower Upper

101 100

85 44.7 0.0 87.4

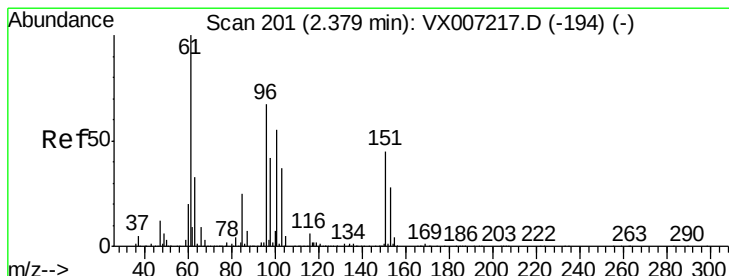
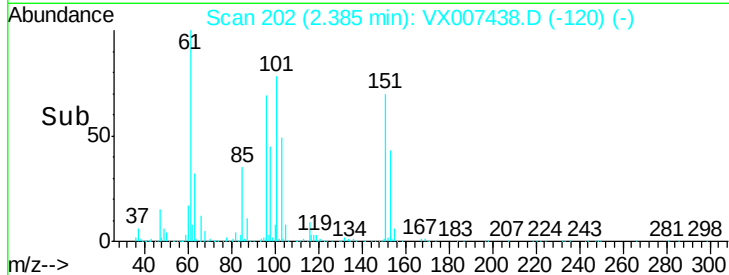
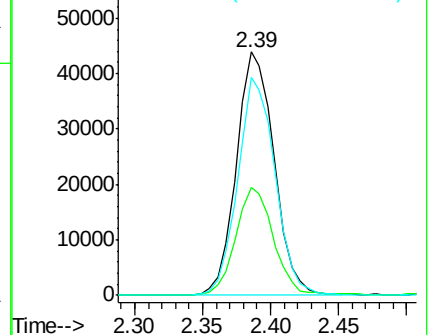
151 88.8 0.0 176.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.466 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

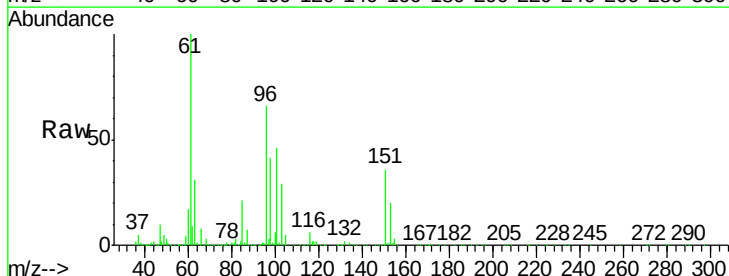
Tgt Ion: 96 Resp: 78613

Ion Ratio Lower Upper

96 100

61 151.6 119.6 179.4

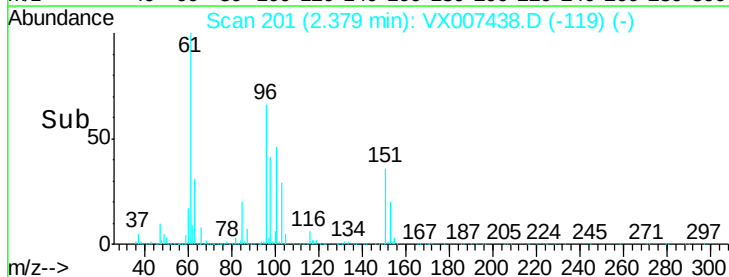
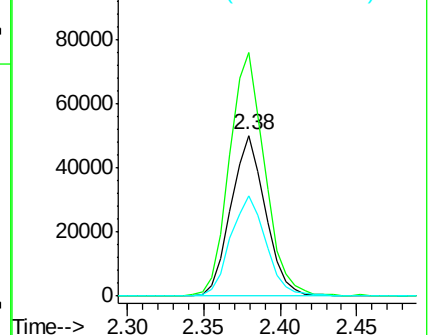
98 62.6 50.9 76.3

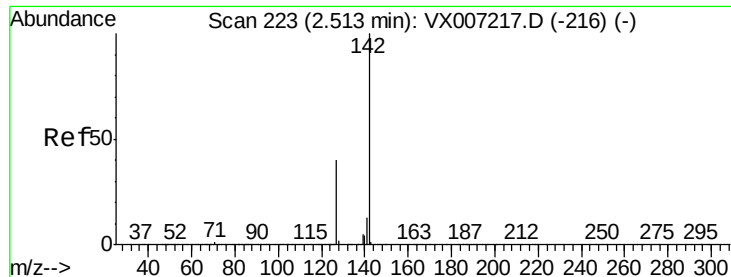


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

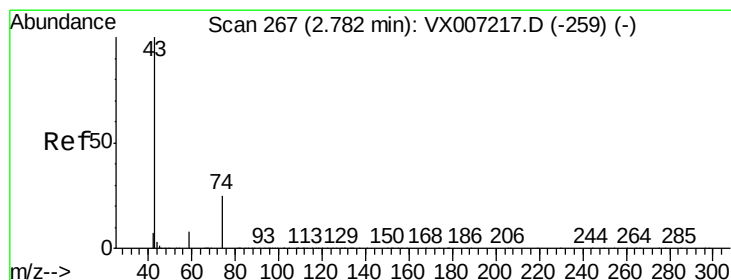
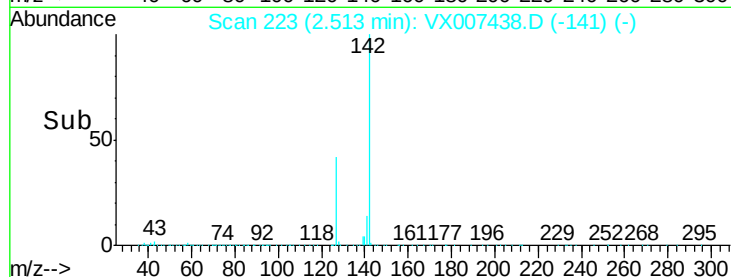
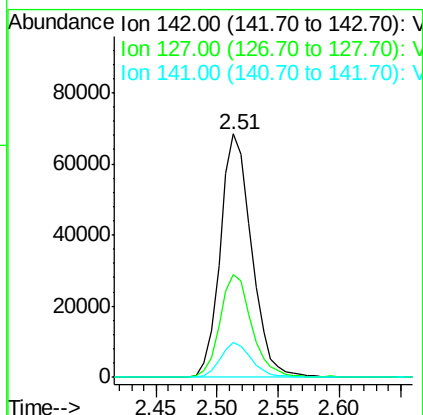
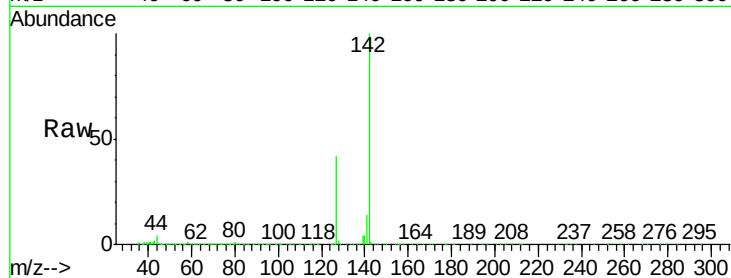




#11
Methvl Iodide
Concen: 17.571 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

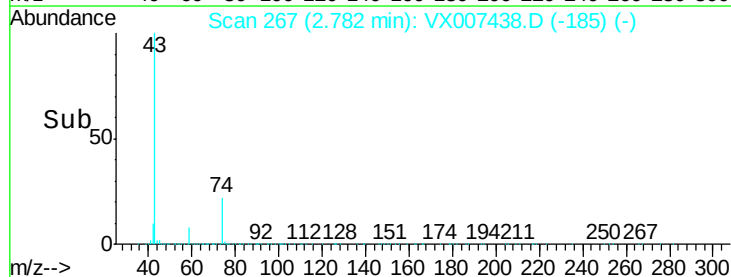
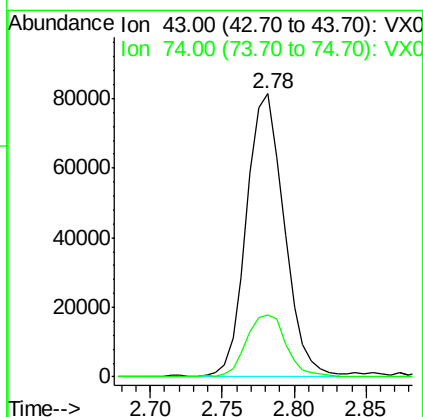
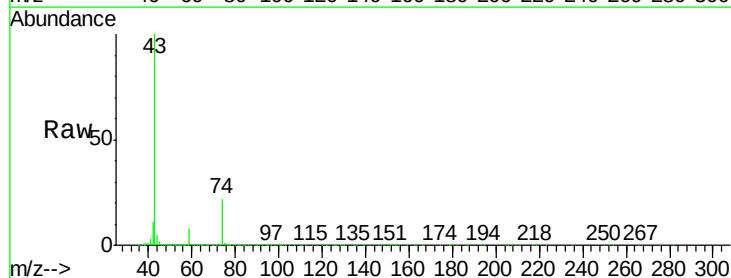
Instrument :
MSVOA_X
ClientSampleId :

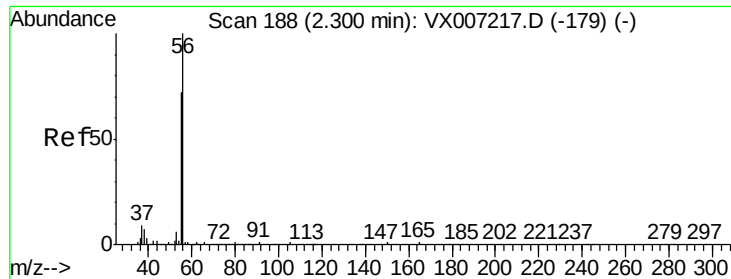
Tot Ion:142 Resp: 121364
Ion Ratio Lower Upper
142 100
127 42.4 20.0 59.9
141 14.3 6.3 19.1



#12
Methyl Acetate
Concen: 20.179 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Tgt Ion: 43 Resp: 146302
Ion Ratio Lower Upper
43 100
74 21.9 19.8 29.8





#13

Acrolein

Concen: 70.861 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

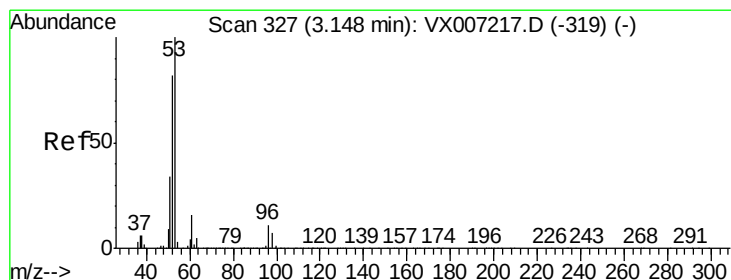
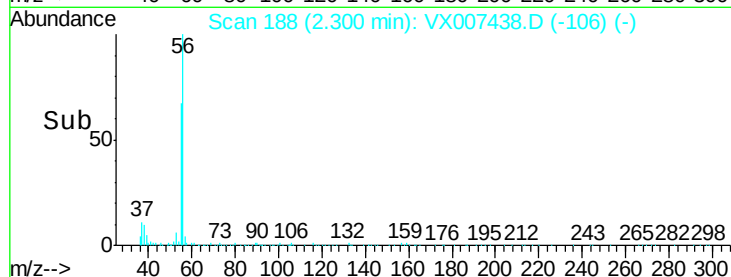
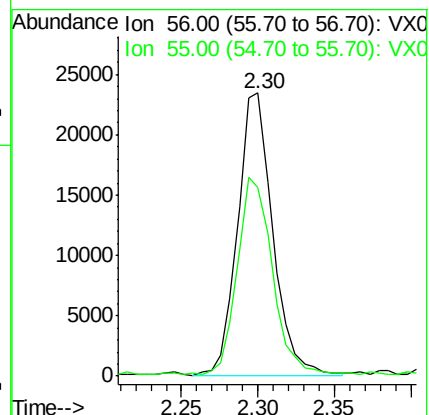
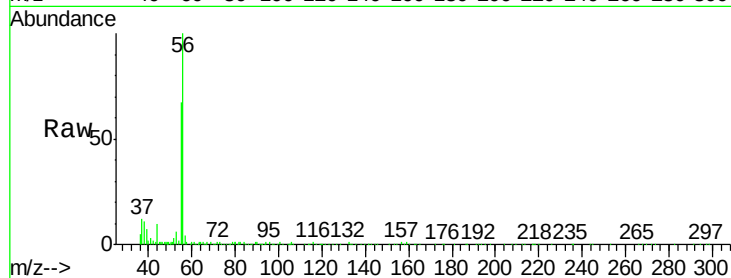
ClientSampleId :

Tot Ion: 56 Resp: 37195

Ion Ratio Lower Upper

56 100

55 69.2 58.6 87.8



#14

Acrylonitrile

Concen: 98.604 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

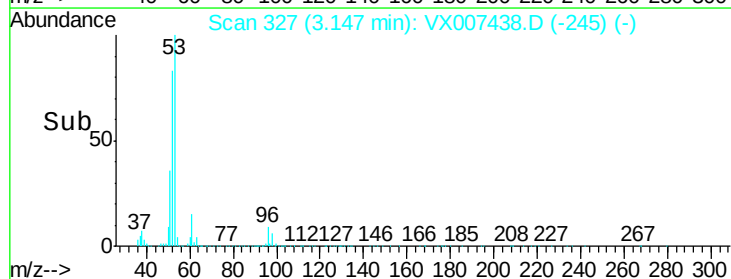
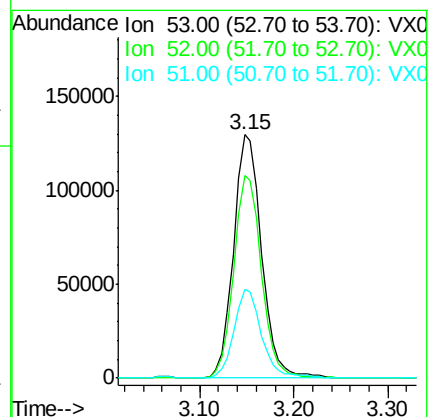
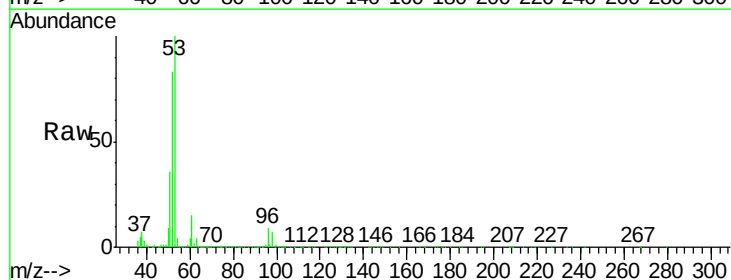
Tgt Ion: 53 Resp: 267658

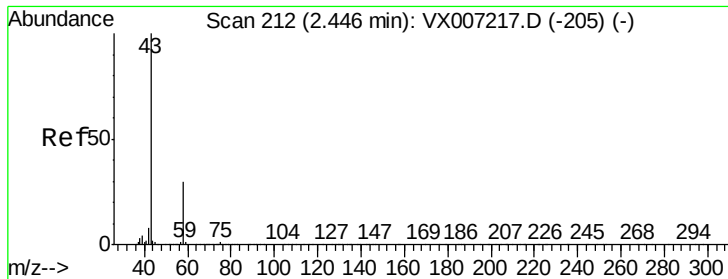
Ion Ratio Lower Upper

53 100

52 82.2 41.3 124.1

51 34.9 17.9 53.8





#15

Acetone

Concen: 98.188 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

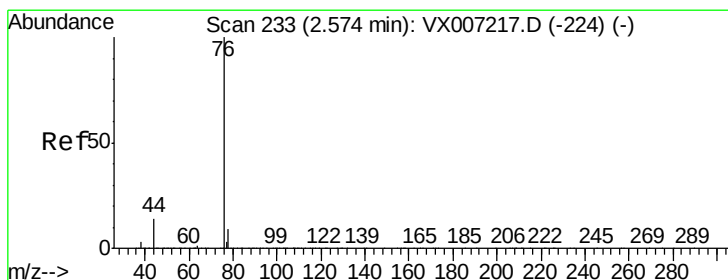
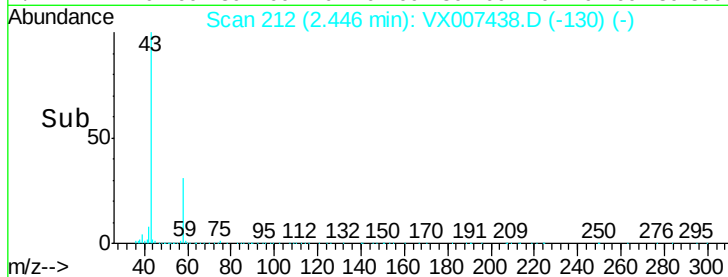
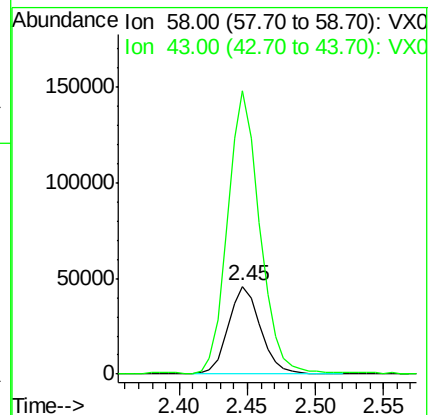
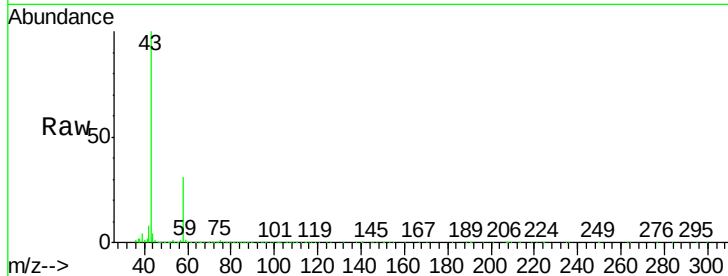
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 75758

Ion Ratio Lower Upper

58 100

43 322.0 265.9 398.9



#16

Carbon Disulfide

Concen: 16.788 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007438.D

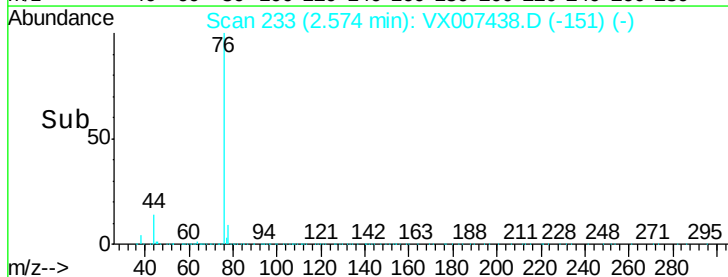
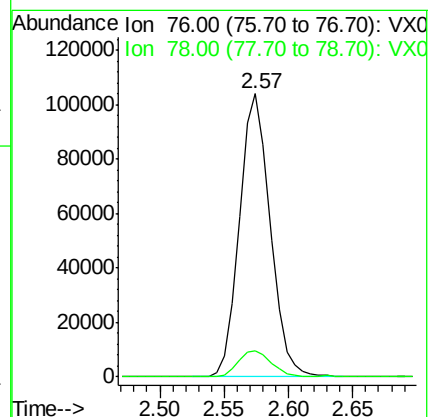
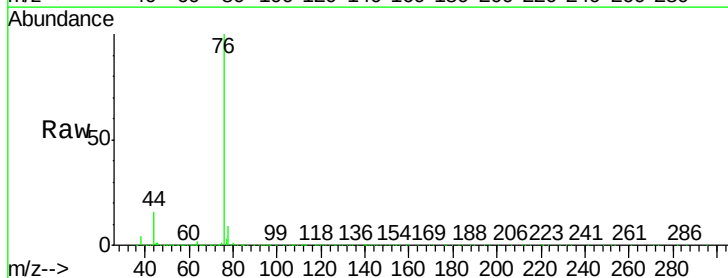
Acq: 08 Feb 2019 13:30

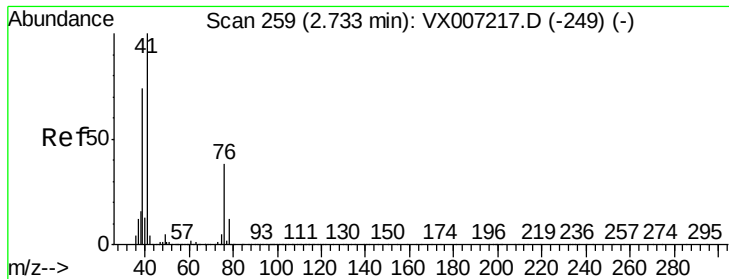
Tgt Ion: 76 Resp: 172335

Ion Ratio Lower Upper

76 100

78 9.2 7.7 11.5





#17

Allvl chloride

Concen: 18.542 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

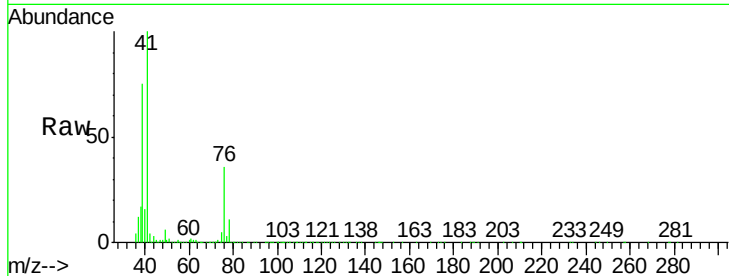
Tot Ion: 41 Resp: 137252

Ion Ratio Lower Upper

41 100

39 75.0 37.0 111.0

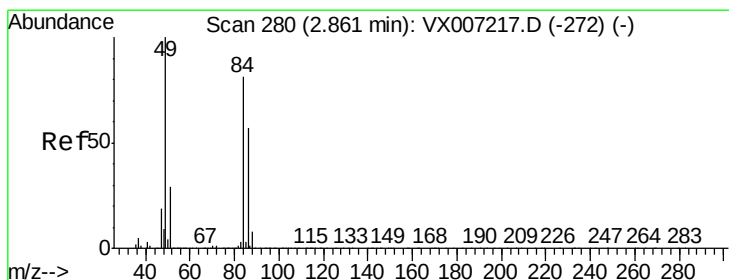
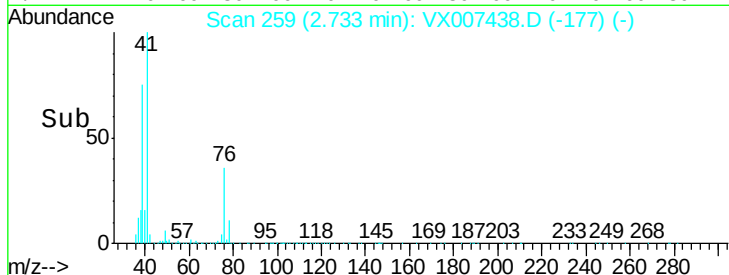
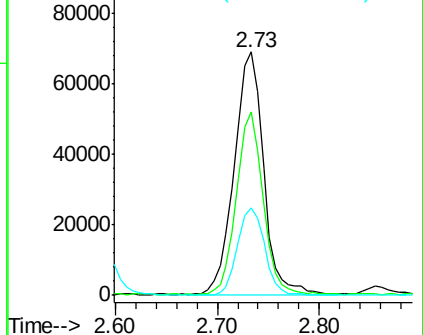
76 35.7 19.3 57.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 76.00 (75.70 to 76.70): VX0



#18

Methylene Chloride

Concen: 18.867 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Tgt Ion: 84 Resp: 92578

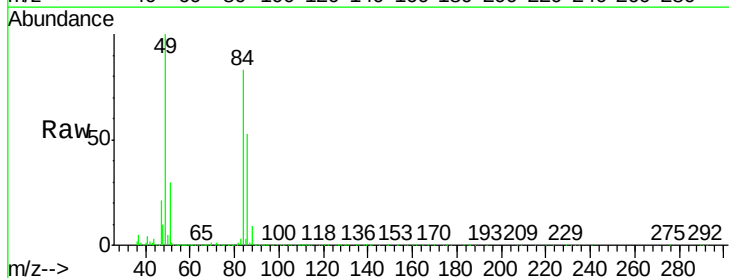
Ion Ratio Lower Upper

84 100

49 120.9 98.4 147.6

51 36.2 28.9 43.3

86 63.8 56.1 84.1

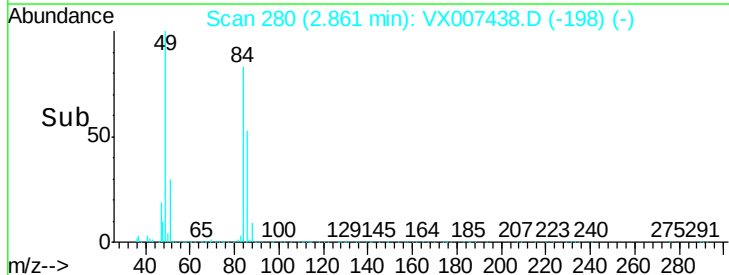
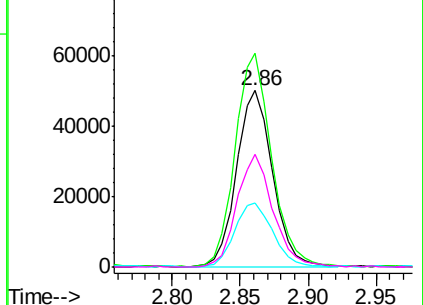


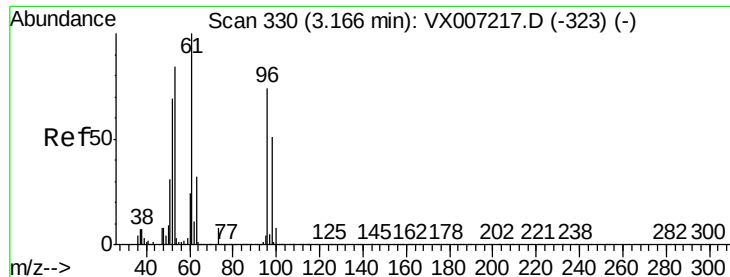
Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#19

trans-1,2-Dichloroethene

Concen: 18.490 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :
MSVOA_X
ClientSampleId :

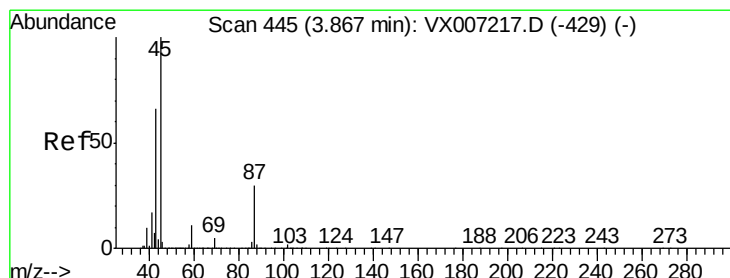
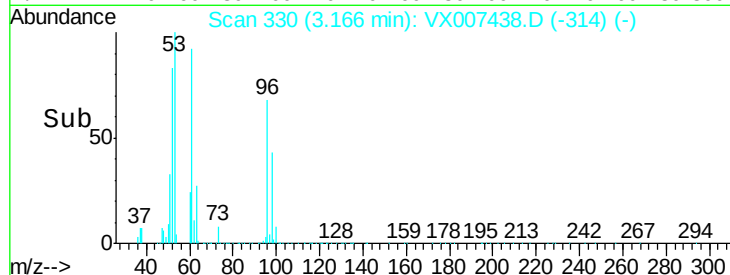
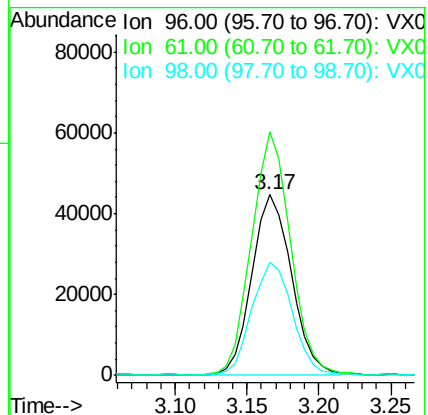
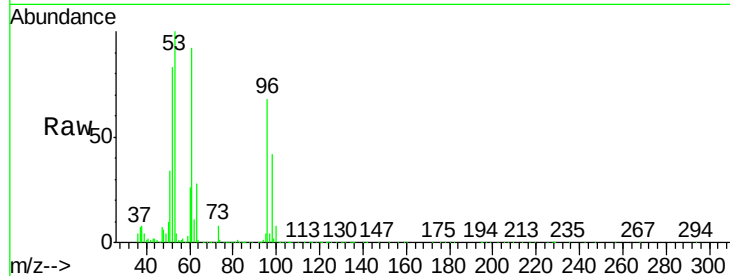
Tot Ion: 96 Resp: 85238

Ion Ratio Lower Upper

96 100

61 134.7 107.8 161.6

98 62.3 54.9 82.3



#20

Diisopropyl ether

Concen: 19.343 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Tgt Ion: 45 Resp: 266570

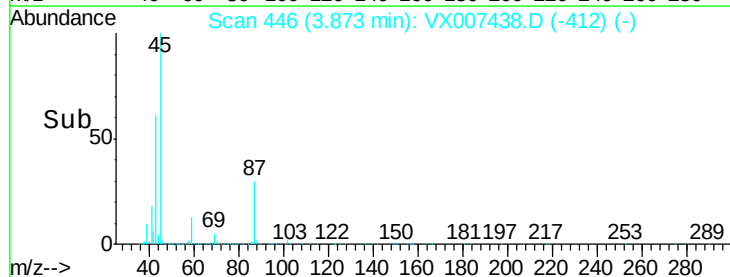
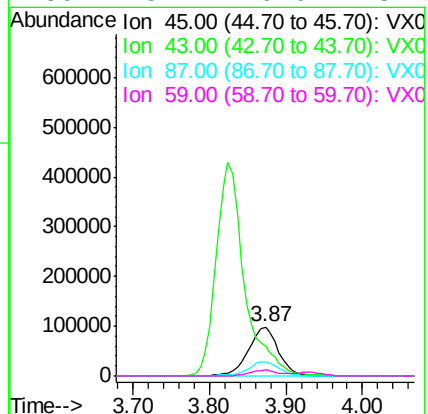
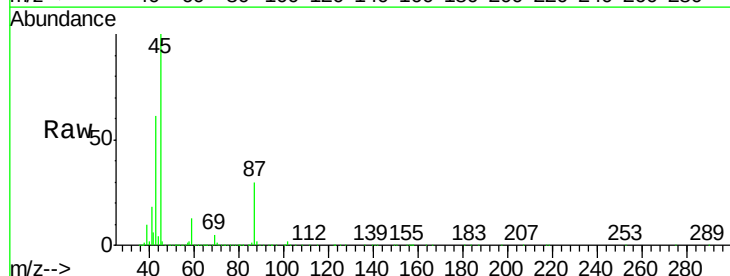
Ion Ratio Lower Upper

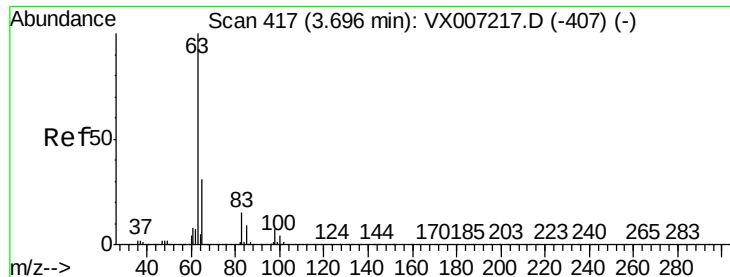
45 100

43 60.2 53.1 79.7

87 30.2 23.7 35.5

59 13.1 9.0 13.4

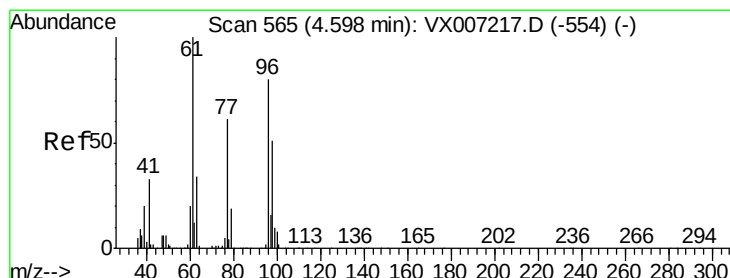
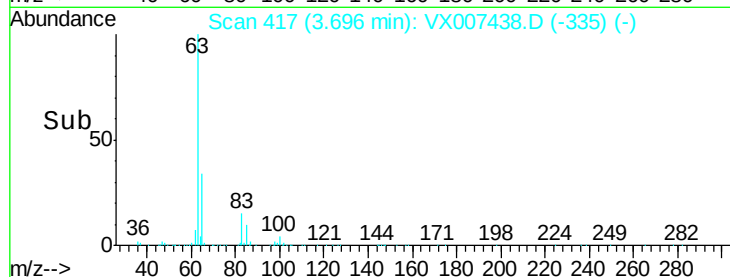
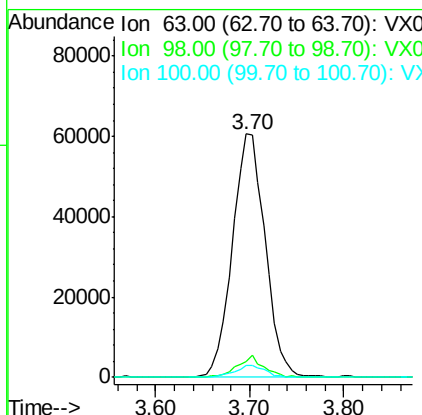
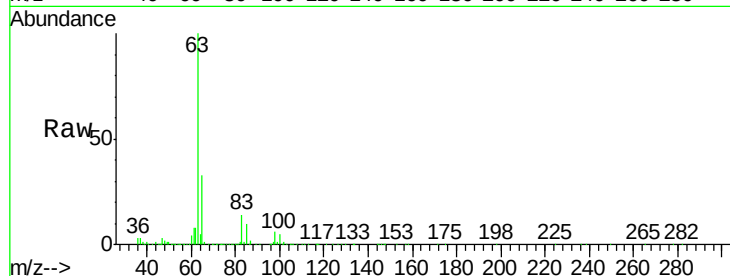




#21
 1,1-Dichloroethane
 Concen: 18.610 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

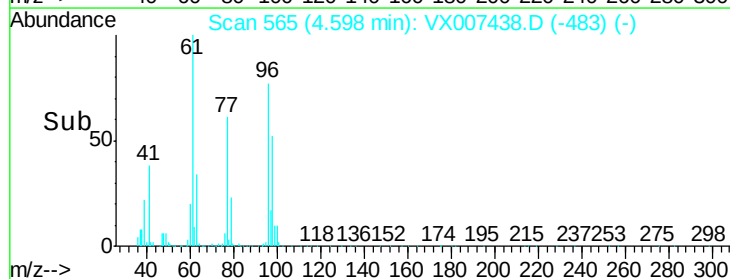
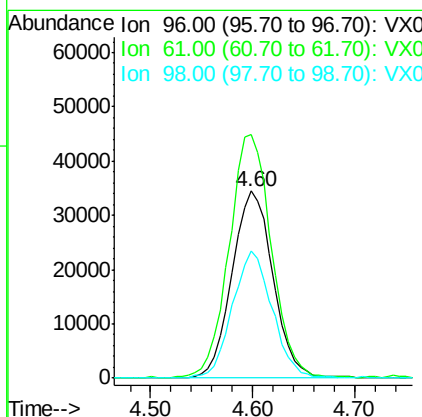
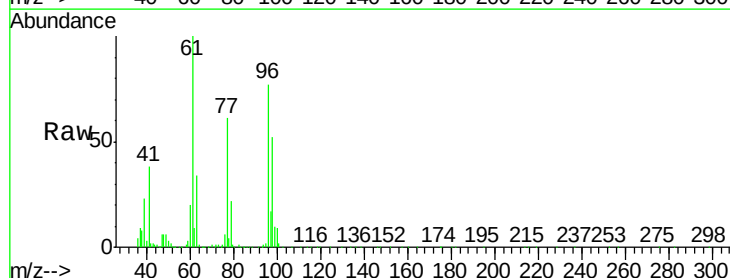
Instrument :
 MSVOA_X
 ClientSampled :

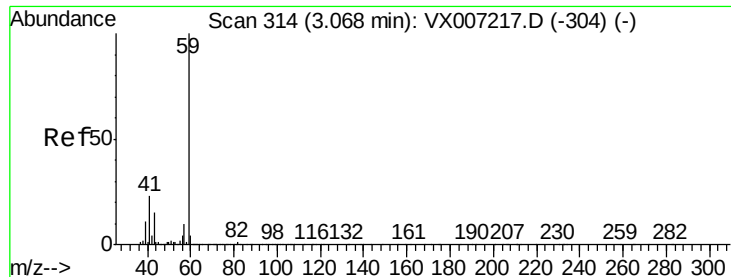
Tot Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.3	9.9
100	4.8	2.1	6.2



#22
 cis-1,2-Dichloroethene
 Concen: 19.033 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	134.9	108.1	162.1
98	65.6	51.9	77.9



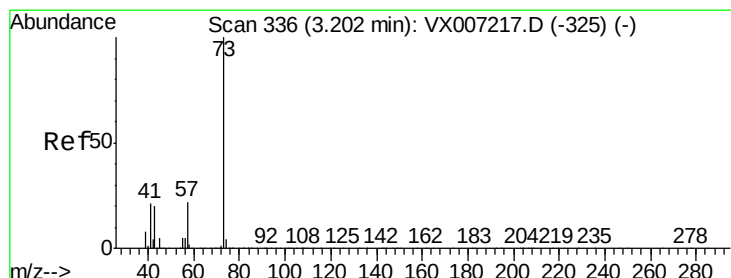
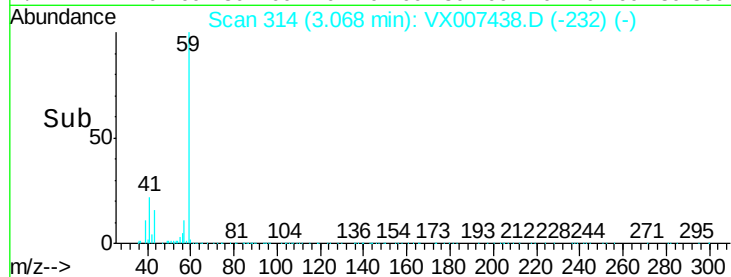
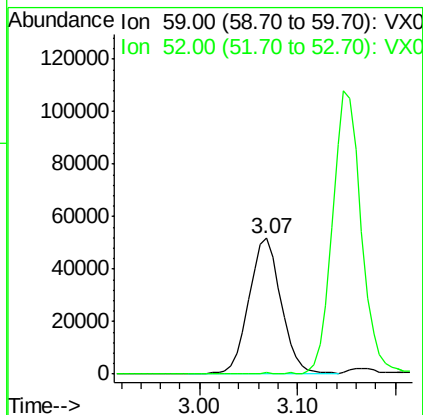
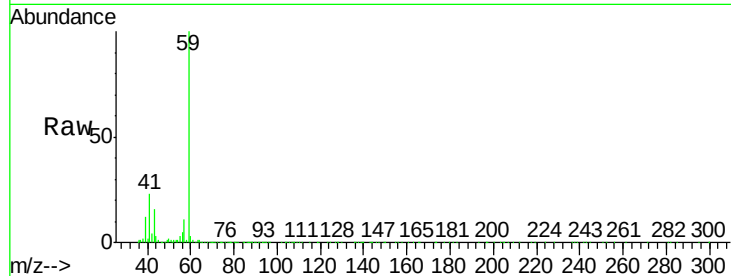


#23

tert-Butyl Alcohol
 Concen: 104.260 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.00 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

Instrument :
 MSVOA_X
 ClientSampled :

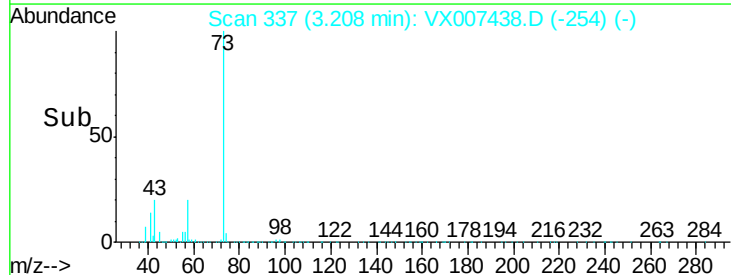
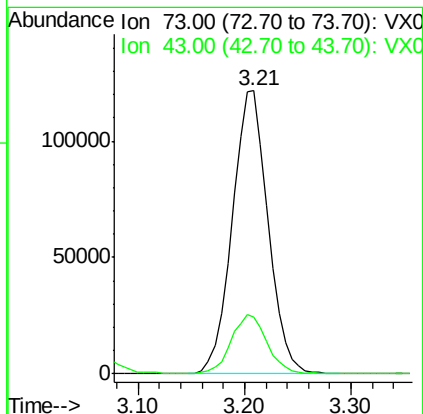
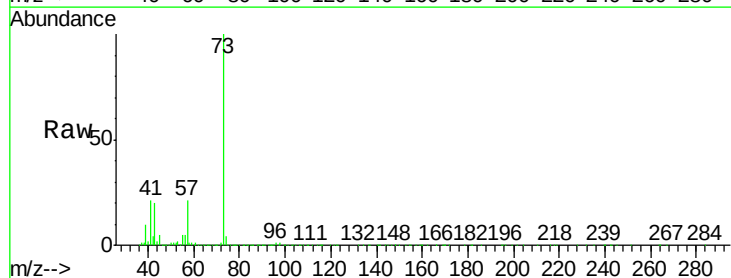
Tot Ion: 59 Resp: 118934
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2

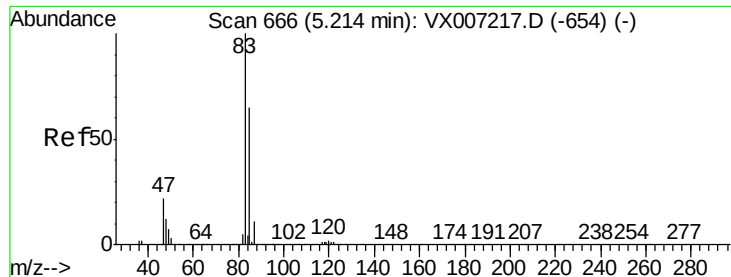


#24

Methyl tert-Butyl Ether
 Concen: 19.230 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

Tgt Ion: 73 Resp: 286757
 Ion Ratio Lower Upper
 73 100
 43 20.4 16.2 24.4





#25

Chloroform

Concen: 19.241 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

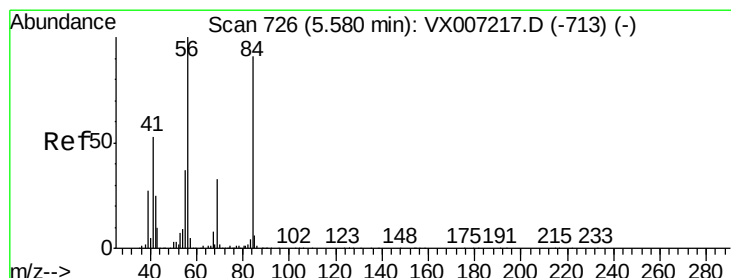
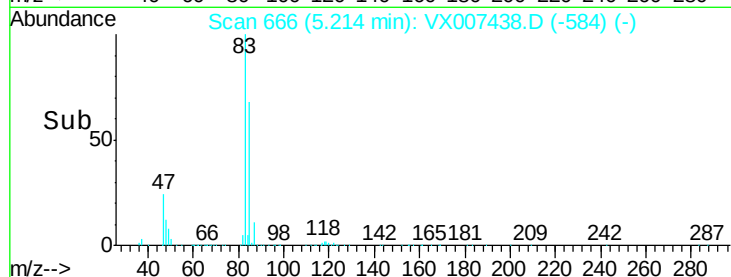
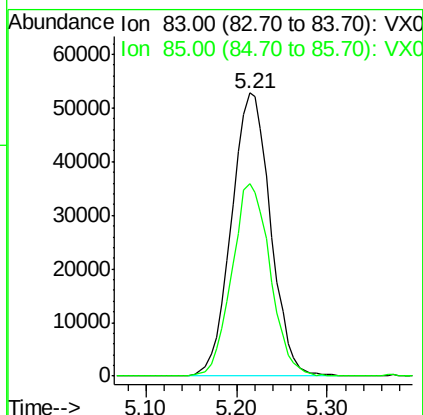
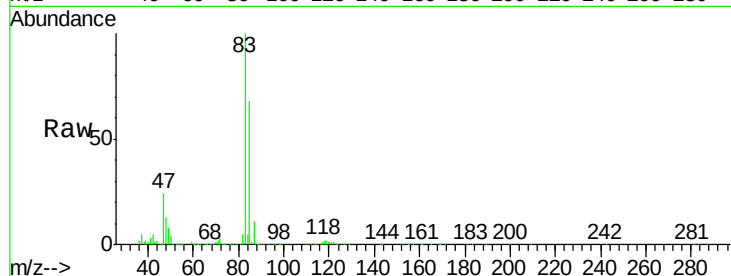
ClientSampled :

Tot Ion: 83 Resp: 156526

Ion Ratio Lower Upper

83 100

85 67.9 51.9 77.9



#26

Cyclohexane

Concen: 18.064 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

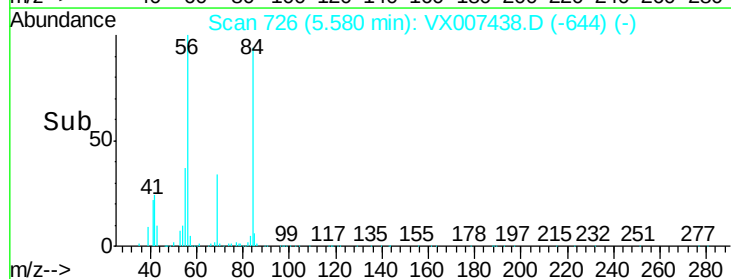
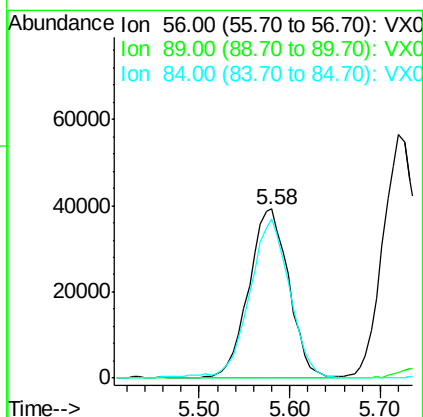
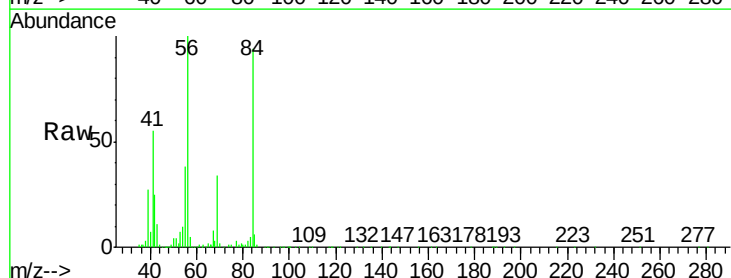
Tgt Ion: 56 Resp: 119747

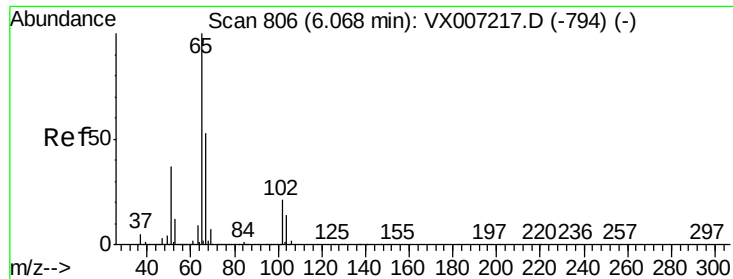
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 92.4 74.2 111.2





#27

1,2-Dichloroethane-d4

Concen: 29.289 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

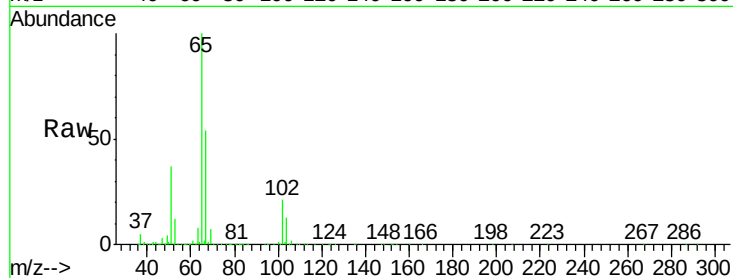
ClientSampleId :

Tot Ion: 65 Resp: 158589

Ion Ratio Lower Upper

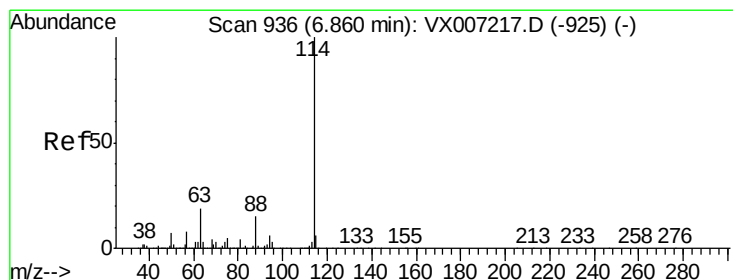
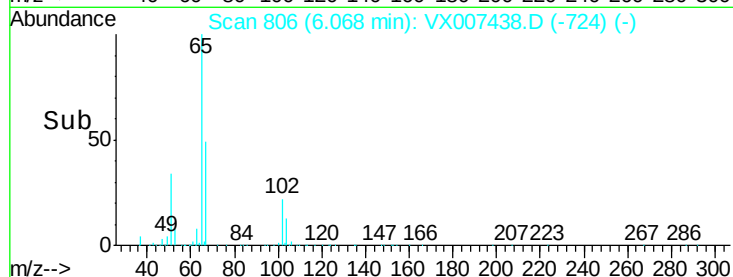
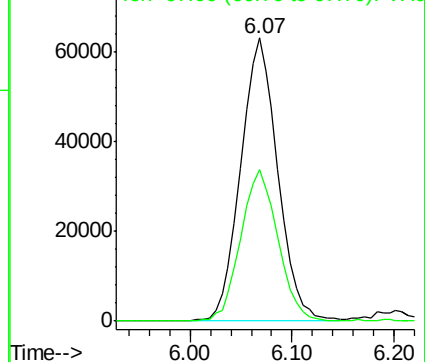
65 100

67 53.6 42.0 63.0



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: VX007438.D

Acq: 08 Feb 2019 13:30

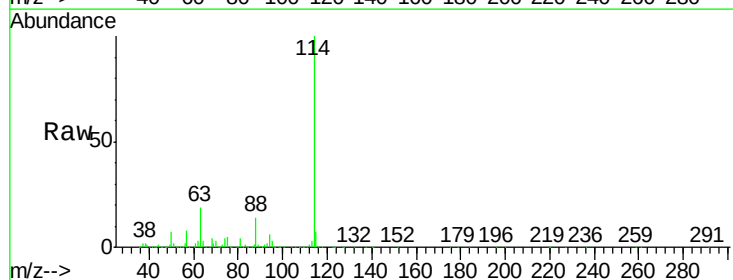
Tgt Ion: 114 Resp: 435457

Ion Ratio Lower Upper

114 100

63 18.1 14.6 21.8

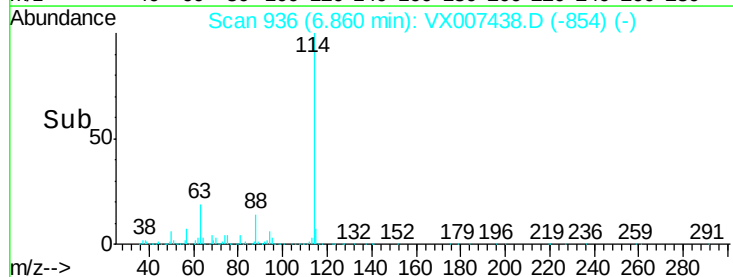
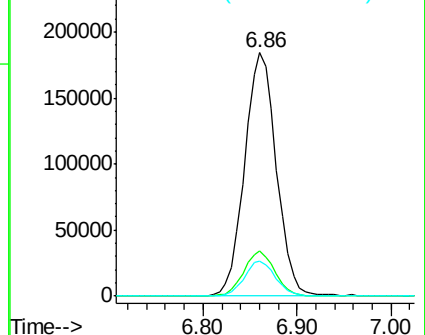
88 14.3 11.8 17.6

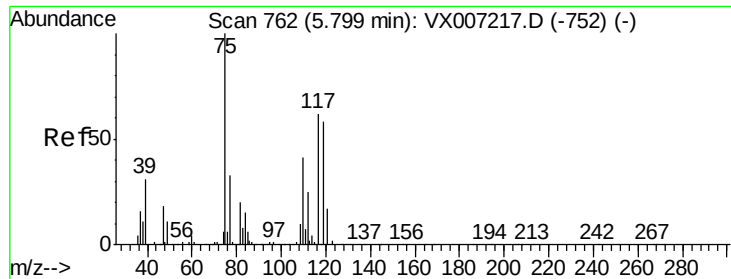


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

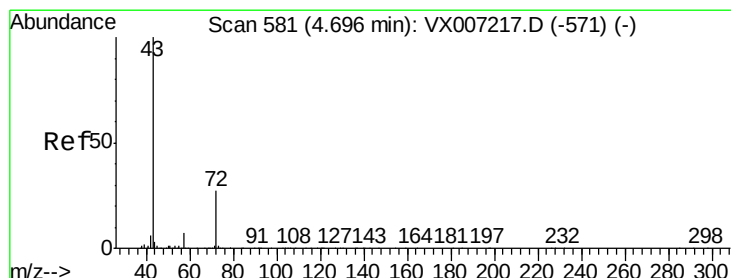
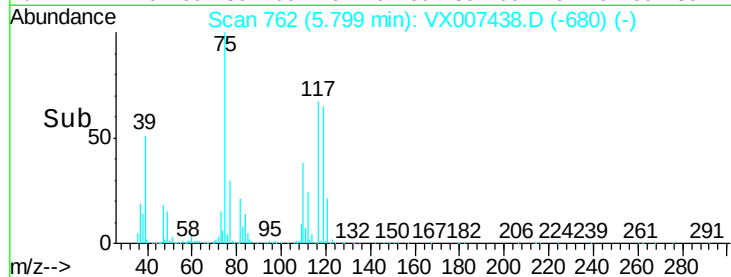
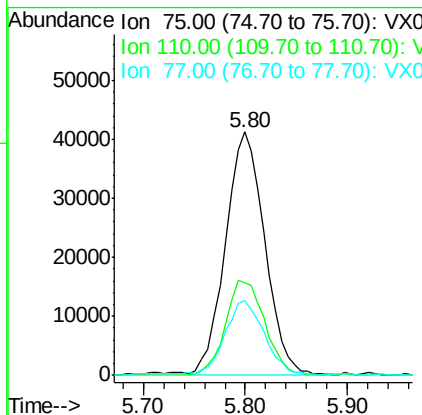
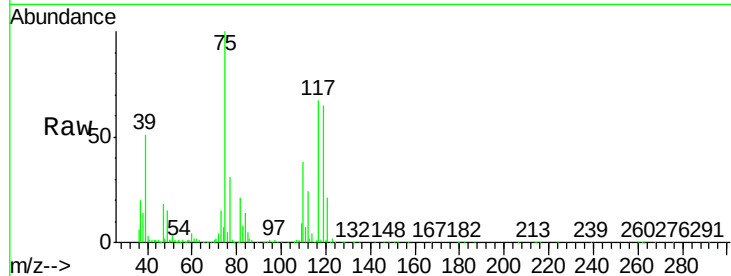




#29
 1,1-Dichloropropene
 Concen: 19.413 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

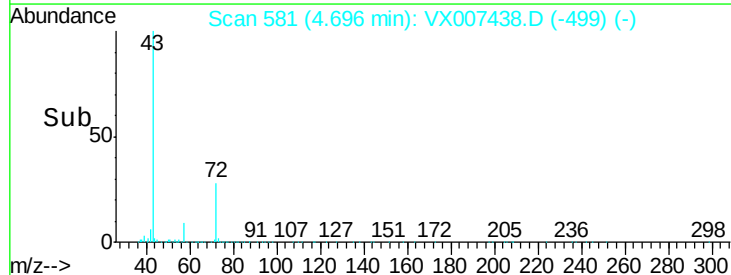
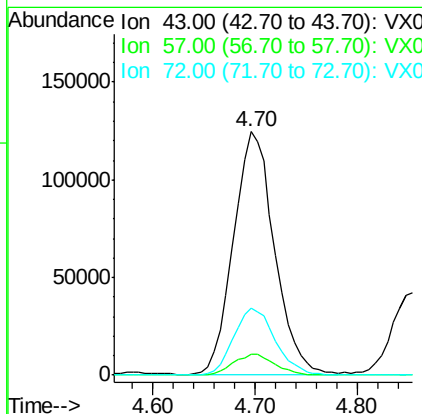
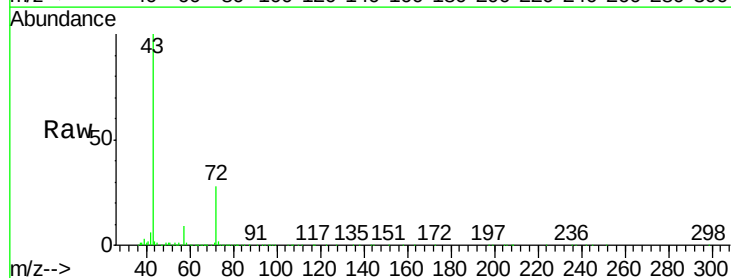
Instrument :
 MSVOA_X
 ClientSampleId :

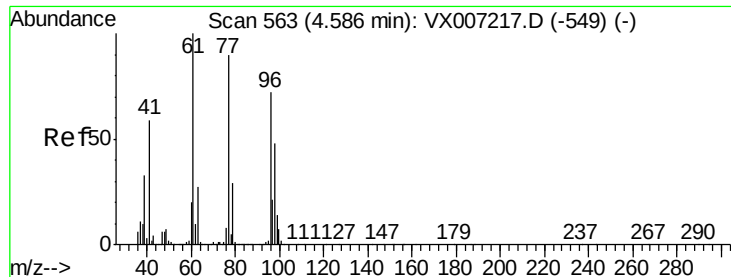
Tot Ion:	75	Resp:	110197
Ion	Ratio	Lower	Upper
75	100		
110	39.1	0.0	78.8
77	30.7	0.0	61.8



#30
 2-Butanone
 Concen: 102.252 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

Tgt Ion:	43	Resp:	346828
Ion	Ratio	Lower	Upper
43	100		
57	8.5	3.3	4.9#
72	27.8	22.0	33.0





#31

2,2-Dichloropropane

Concen: 19.402 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

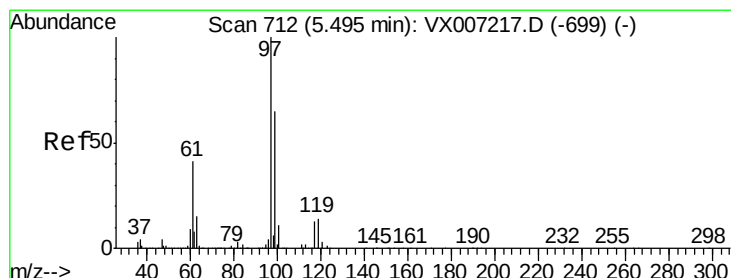
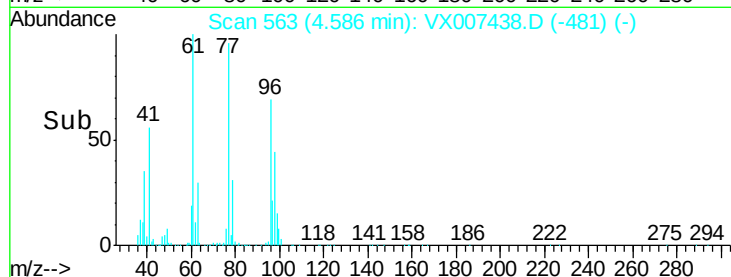
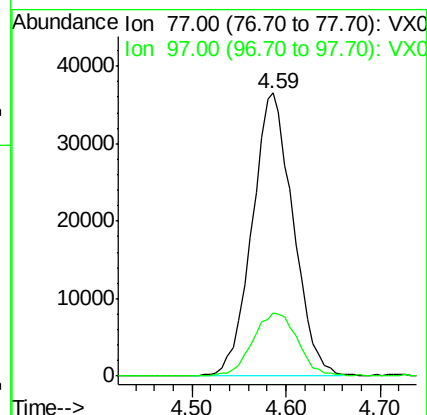
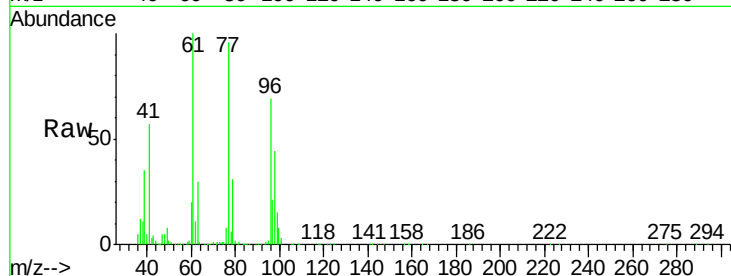
ClientSampleId :

Tot Ion: 77 Resp: 111273

Ion Ratio Lower Upper

77 100

97 24.4 19.8 29.8



#32

1,1,1-Trichloroethane

Concen: 19.569 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

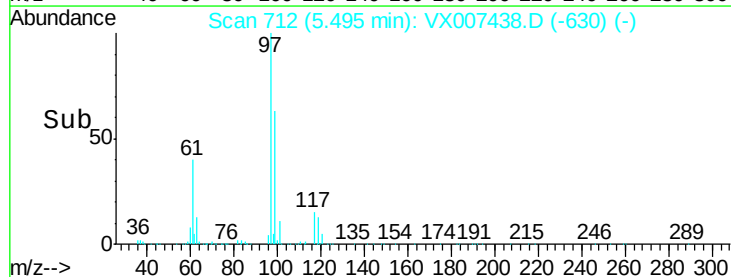
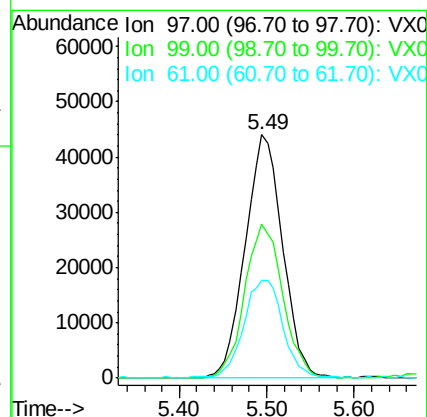
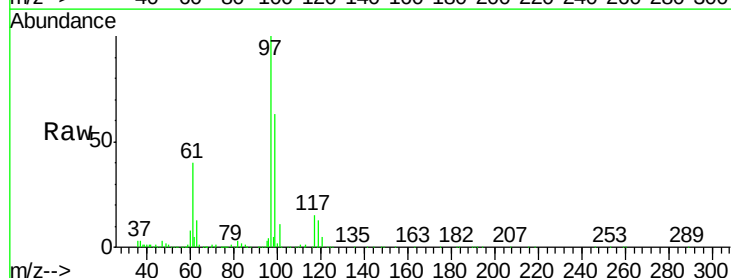
Tgt Ion: 97 Resp: 131285

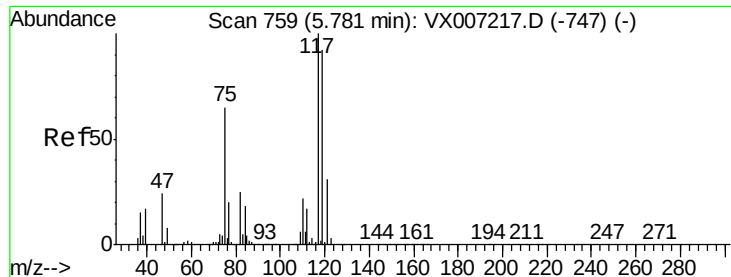
Ion Ratio Lower Upper

97 100

99 64.4 51.9 77.9

61 42.1 33.6 50.4





#33

Carbon Tetrachloride

Concen: 18.993 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

ClientSampled :

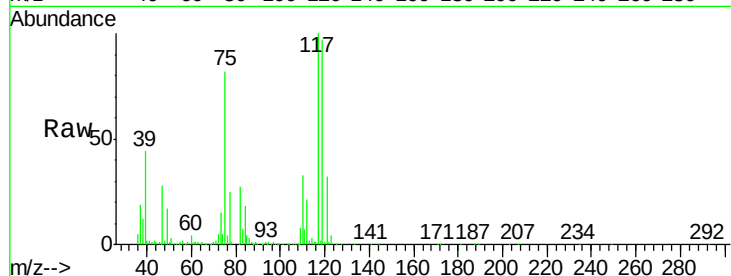
Tot Ion:117 Resp: 112010

Ion Ratio Lower Upper

117 100

119 96.7 73.5 110.3

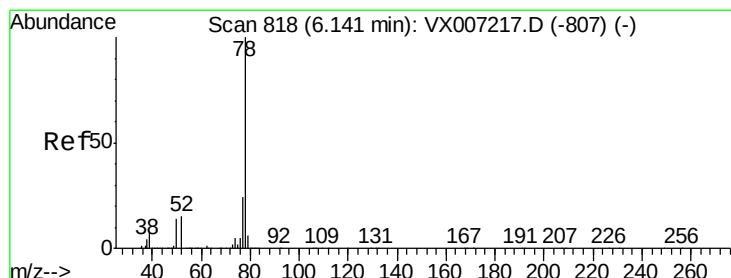
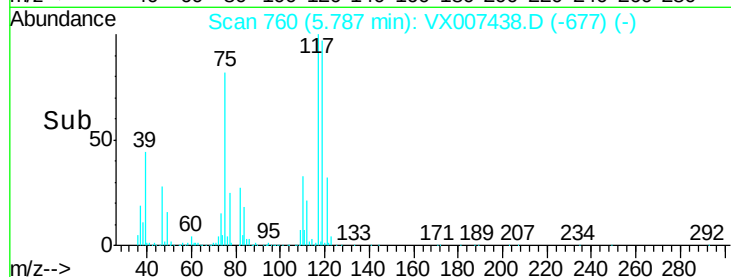
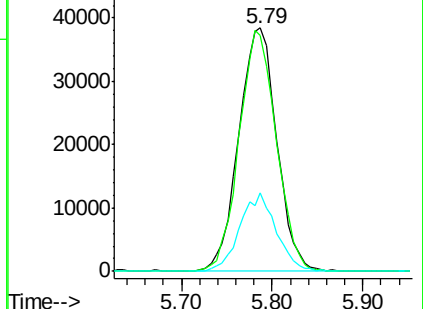
121 32.0 24.6 37.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.576 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

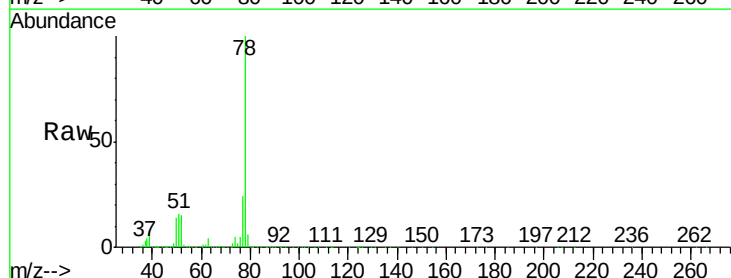
Tgt Ion: 78 Resp: 342766

Ion Ratio Lower Upper

78 100

77 23.5 19.1 28.7

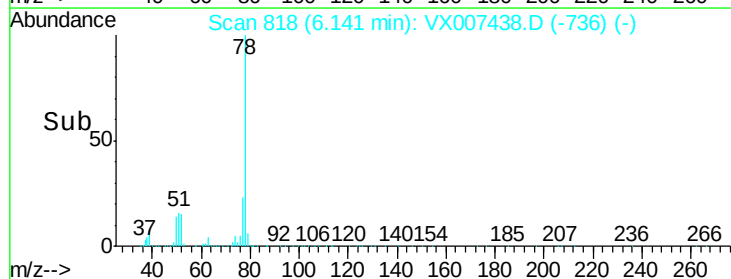
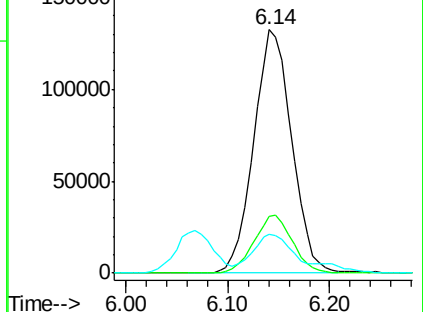
51 12.9 12.4 18.6

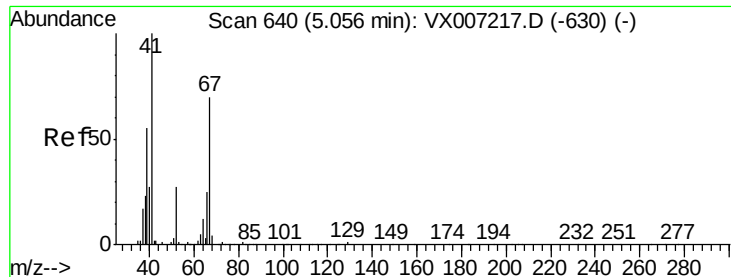


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

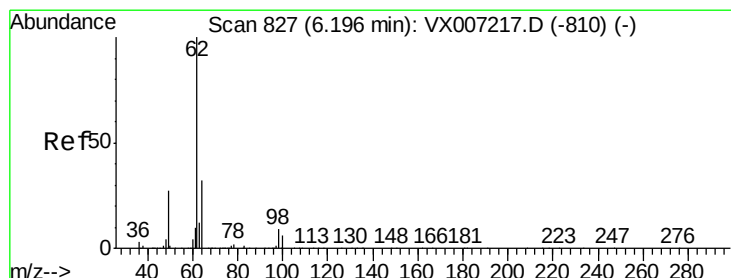
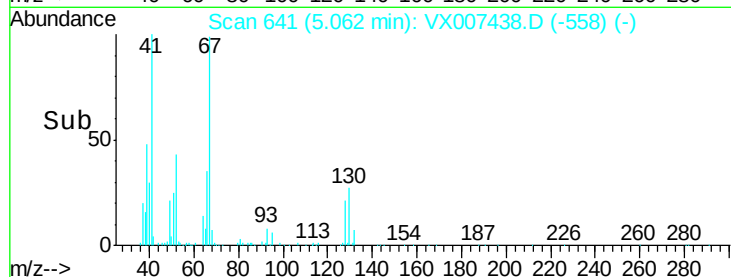
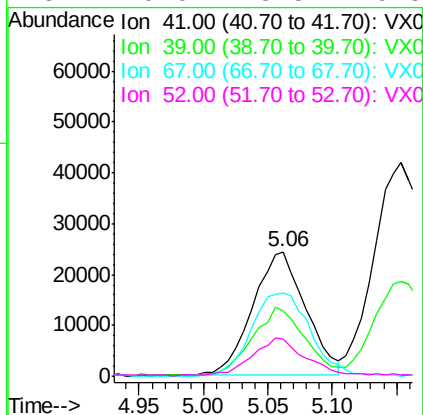
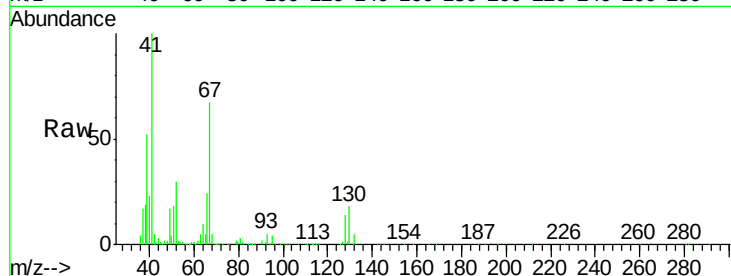




#35
Methacrylonitrile
Concen: 20.109 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

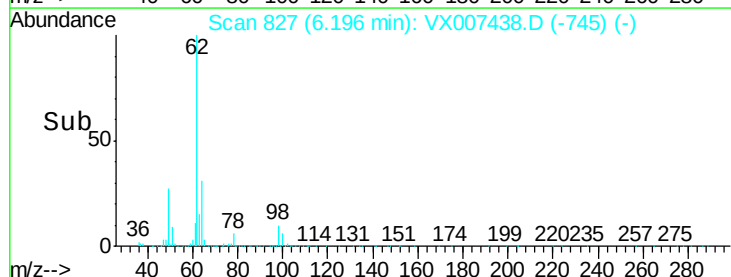
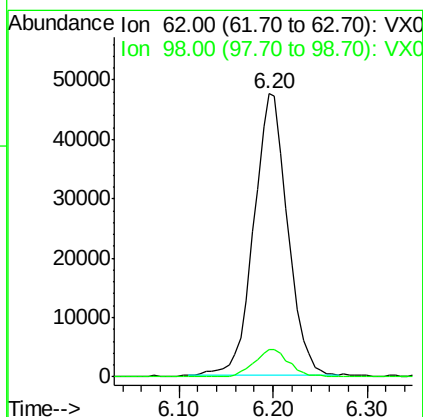
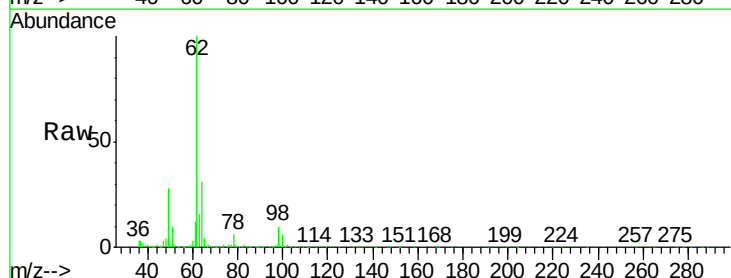
Instrument :
MSVOA_X
ClientSampled :

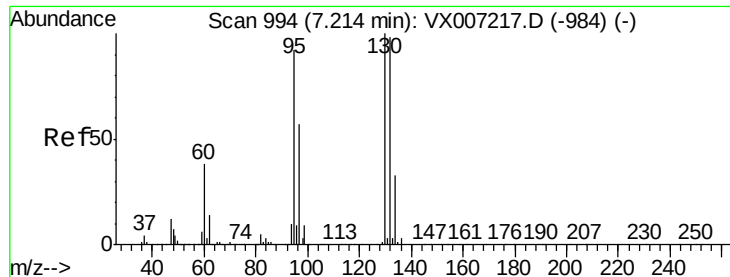
Tot Ion:	41	Resp:	69625
Ion	Ratio	Lower	Upper
41	100		
39	52.0	27.5	82.4
67	67.3	34.8	104.3
52	29.0	13.5	40.5



#36
1,2-Dichloroethane
Concen: 19.897 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Tgt Ion:	62	Resp:	120217
Ion	Ratio	Lower	Upper
62	100		
98	9.8	8.1	12.1





#37

Trichloroethene

Concen: 19.057 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

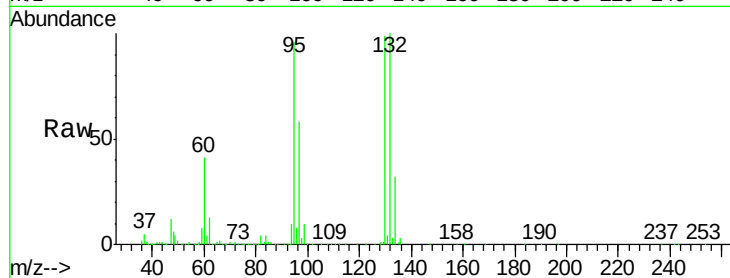
ClientSampled :

Tot Ion:130 Resp: 98387

Ion Ratio Lower Upper

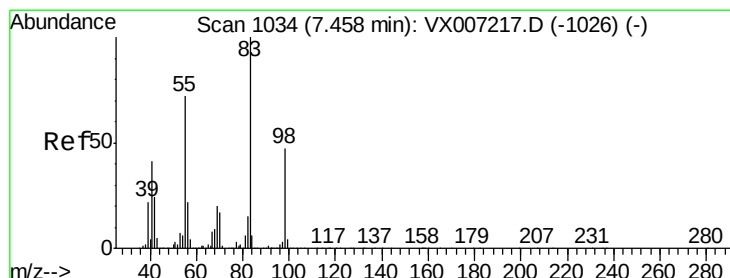
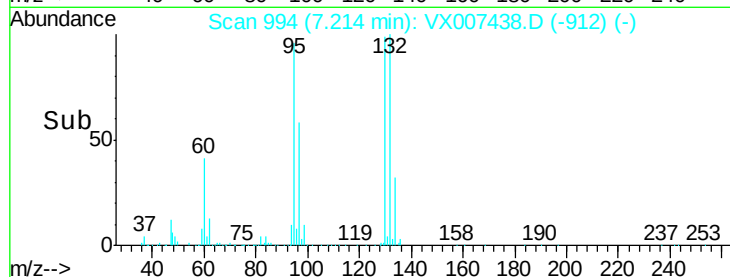
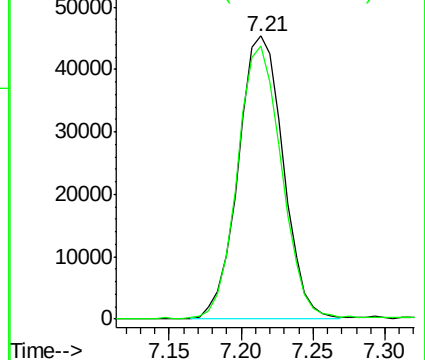
130 100

95 96.4 73.7 110.5



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 17.922 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

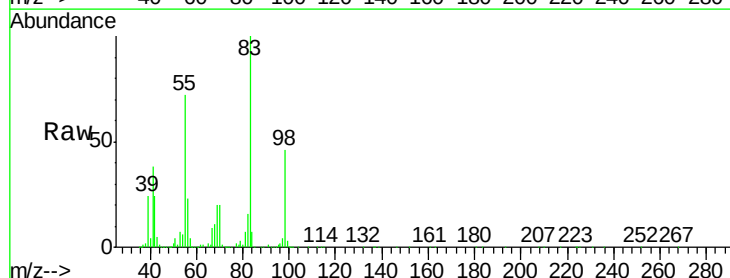
Tgt Ion: 83 Resp: 128938

Ion Ratio Lower Upper

83 100

55 73.8 36.6 109.8

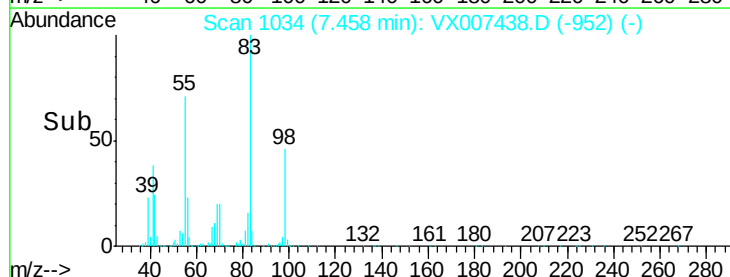
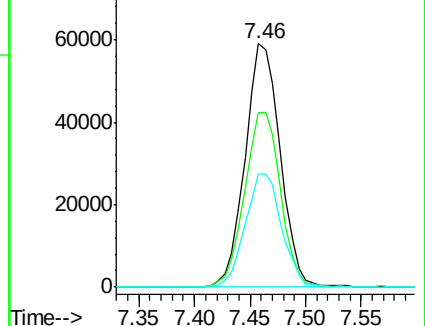
98 48.6 24.1 72.4

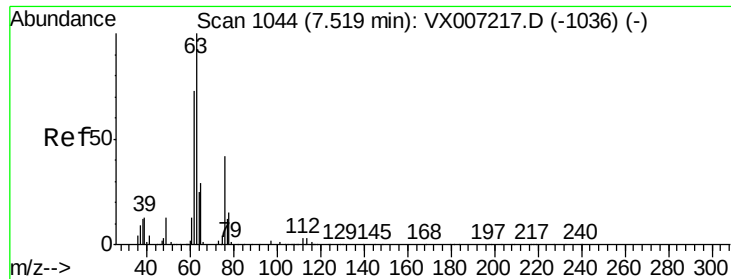


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

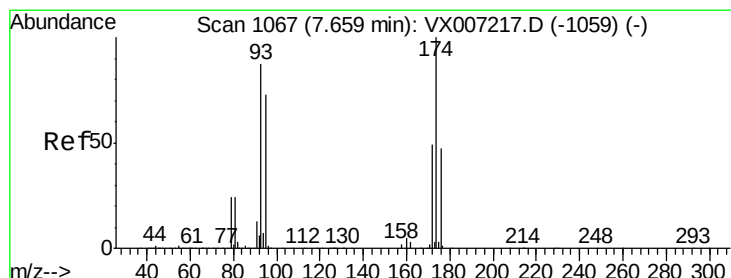
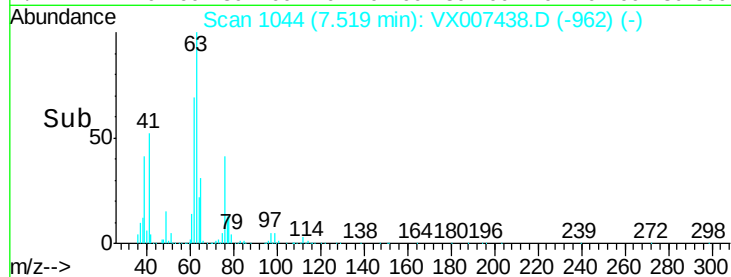
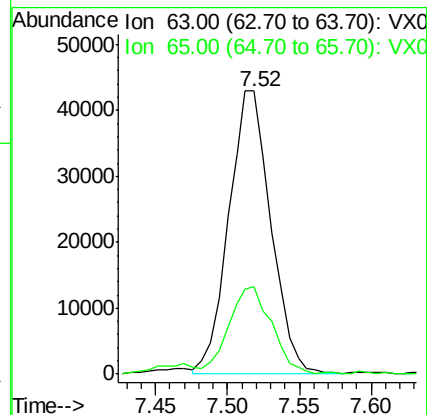
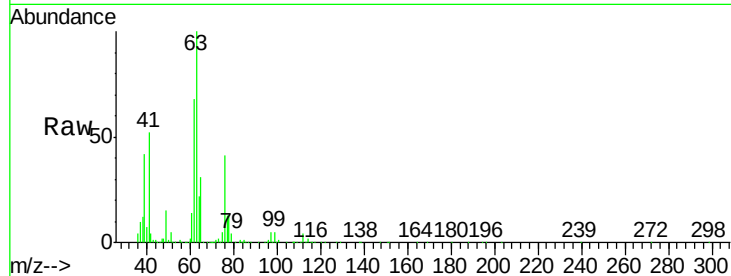




#39
 1,2-Dichloropropane
 Concen: 19.884 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

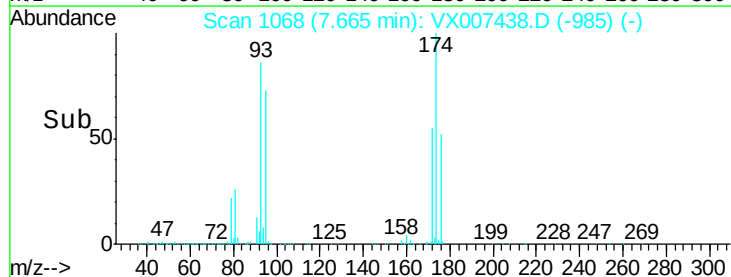
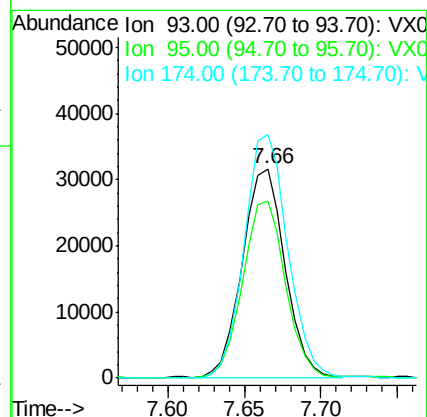
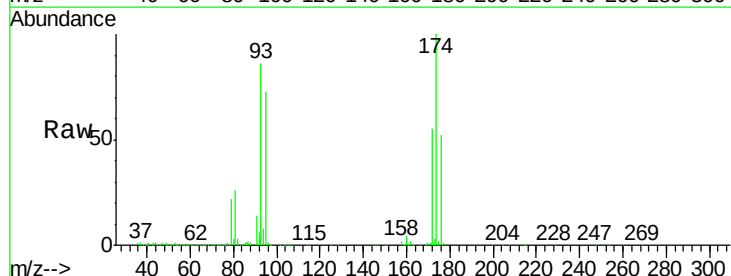
Instrument :
 MSVOA_X
 ClientSampleId :

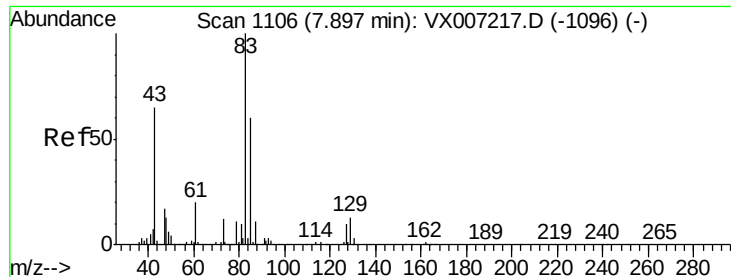
Tot Ion: 63 Resp: 87315
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.7 37.1



#40
 Dibromomethane
 Concen: 19.550 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

Tgt Ion: 93 Resp: 61840
 Ion Ratio Lower Upper
 93 100
 95 84.4 0.0 172.4
 174 118.3 0.0 233.0





#41

Bromodichloromethane

Concen: 18.984 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

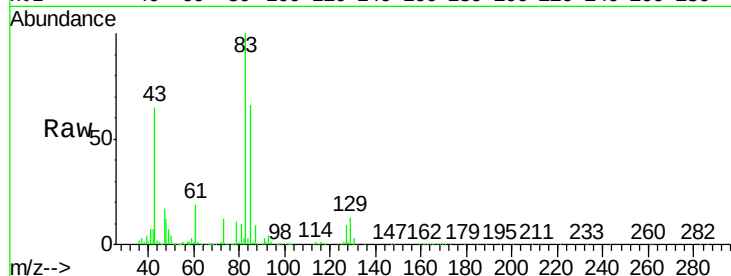
Tot Ion: 83 Resp: 105386

Ion	Ratio	Lower	Upper
83	100		
85	66.2	48.2	72.2
127	9.1	8.3	12.5

83 100

85 66.2 48.2 72.2

127 9.1 8.3 12.5



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

7.90

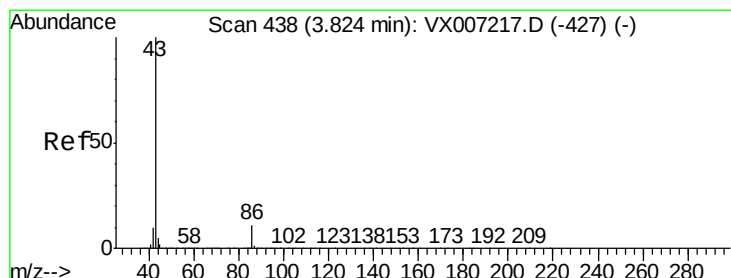
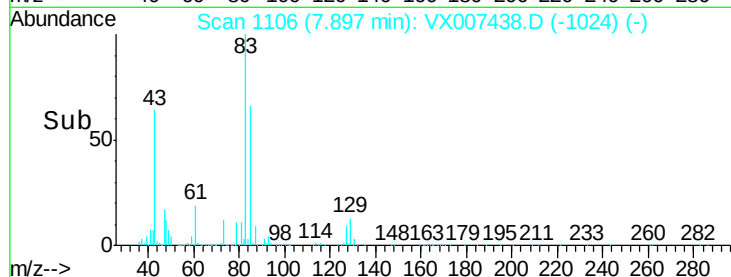
60000

40000

20000

0

Time--> 7.80 7.85 7.90 7.95



#42

Vinyl Acetate

Concen: 96.153 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007438.D

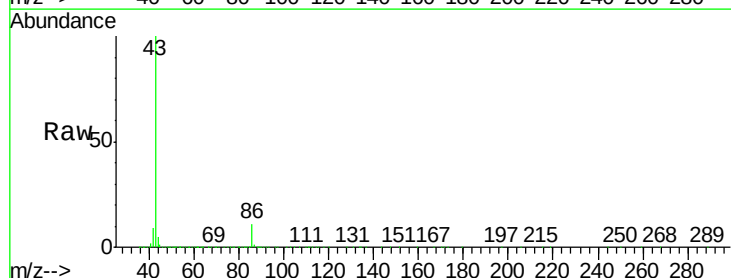
Acq: 08 Feb 2019 13:30

Tgt Ion: 43 Resp: 1105787

Ion	Ratio	Lower	Upper
43	100		
86	9.7	8.0	12.0

43 100

86 9.7 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

500000

400000

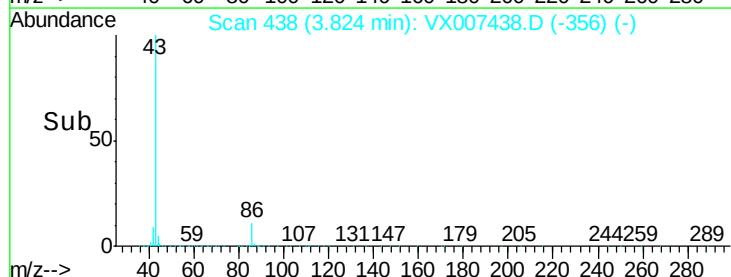
300000

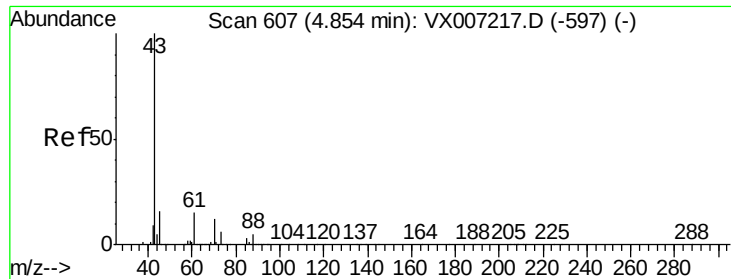
200000

100000

0

Time--> 3.70 3.80 3.90 4.00

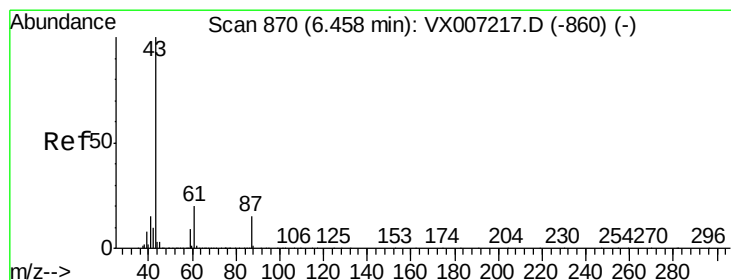
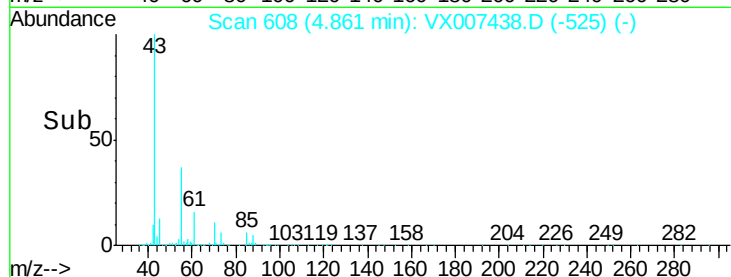
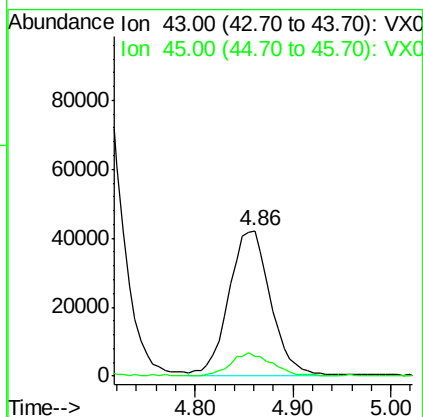
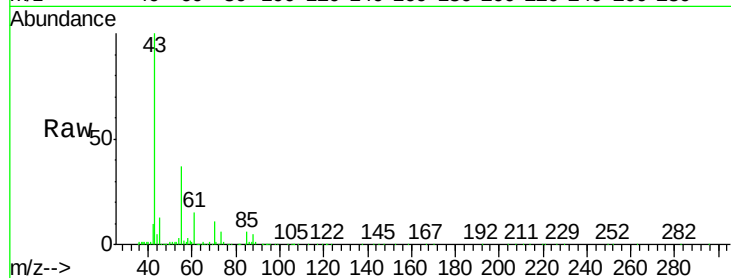




#43
Ethyl Acetate
Concen: 19.732 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

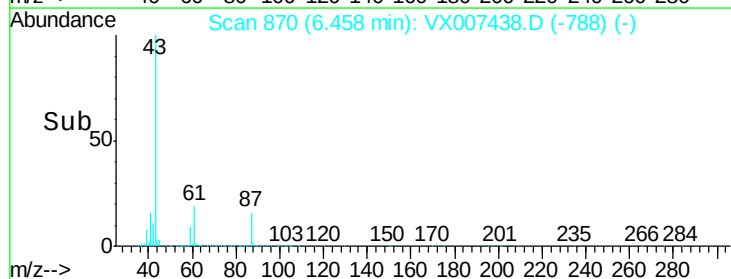
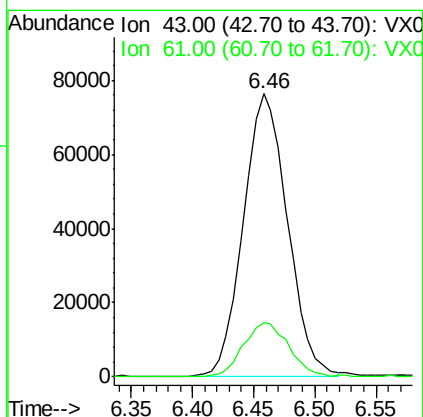
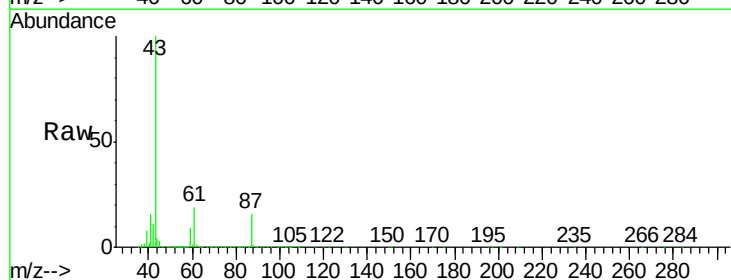
Instrument :
MSVOA_X
ClientSampleId :

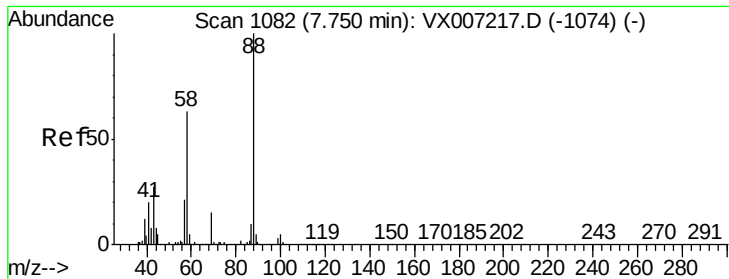
Tot Ion: 43 Resp: 124883
Ion Ratio Lower Upper
43 100
45 15.5 11.7 17.5



#44
Isopropyl Acetate
Concen: 19.349 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Tgt Ion: 43 Resp: 191264
Ion Ratio Lower Upper
43 100
61 19.9 16.8 25.2





#45

1,4-Dioxane

Concen: 419.549 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

ClientSampled :

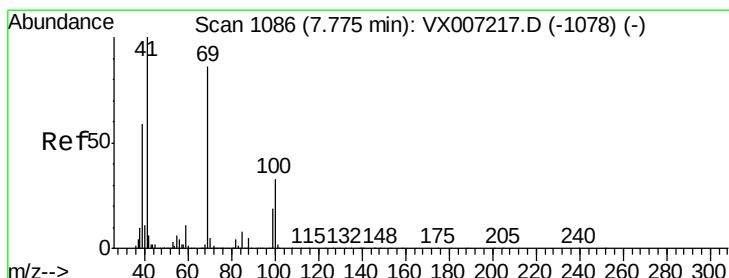
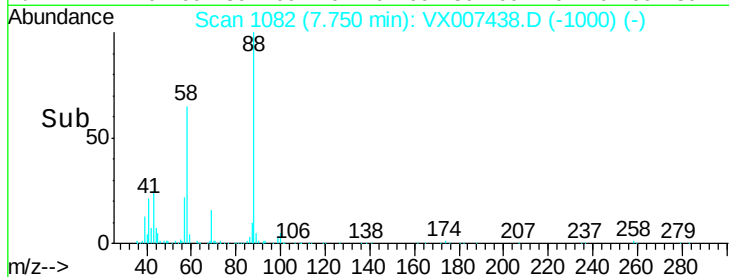
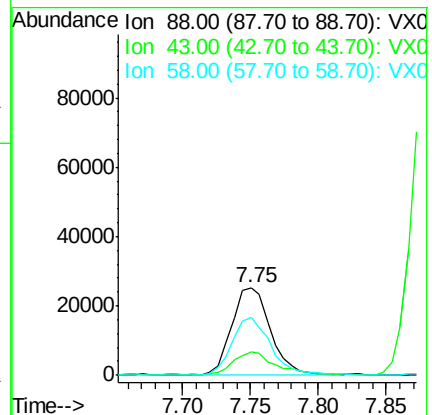
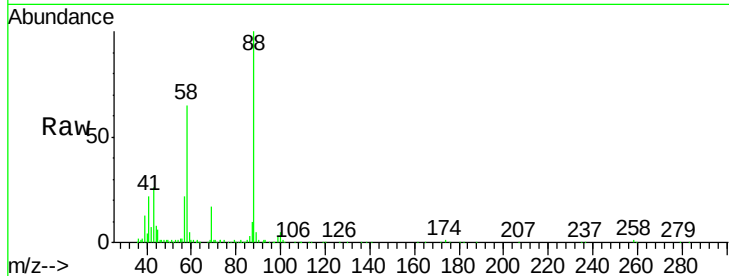
Tot Ion: 88 Resp: 50256

Ion Ratio Lower Upper

88 100

43 27.6 23.5 35.3

58 65.7 51.6 77.4



#46

Methyl methacrylate

Concen: 19.740 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

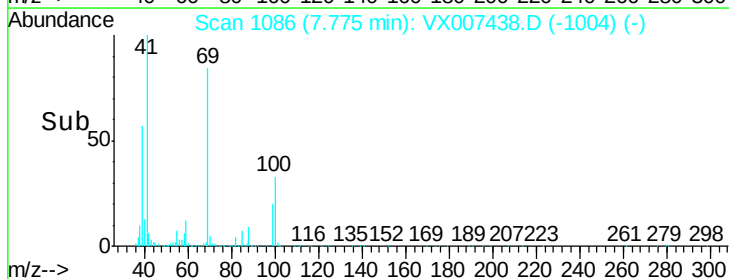
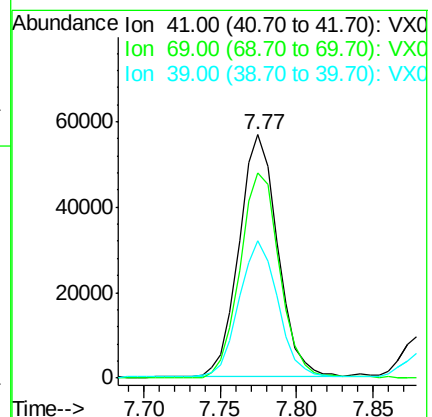
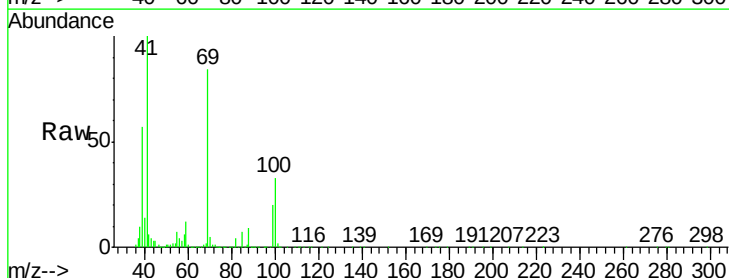
Tgt Ion: 41 Resp: 99775

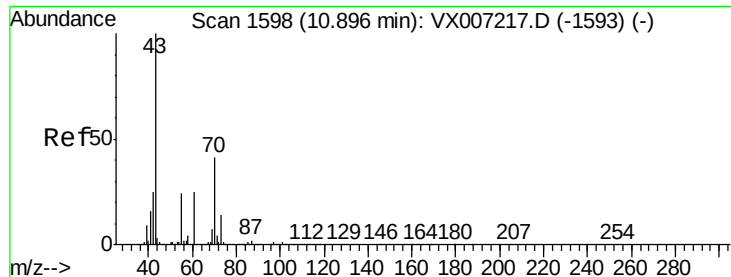
Ion Ratio Lower Upper

41 100

69 84.5 43.0 129.2

39 56.3 29.4 88.2





#47

n-amvl Acetate

Concen: 19.068 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

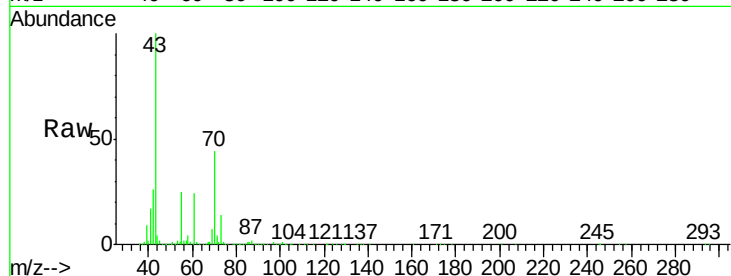
ClientSampleId :

Tot Ion: 43 Resp: 165735

Ion Ratio Lower Upper

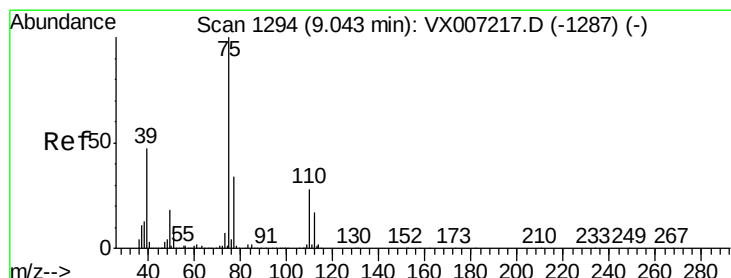
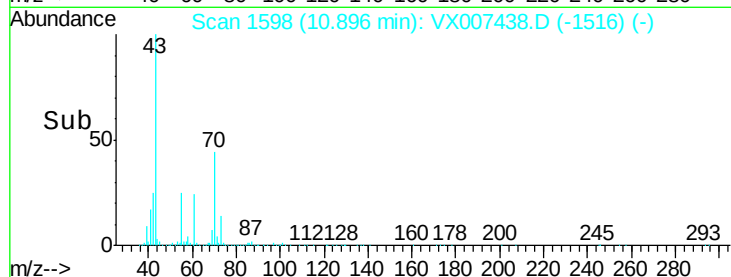
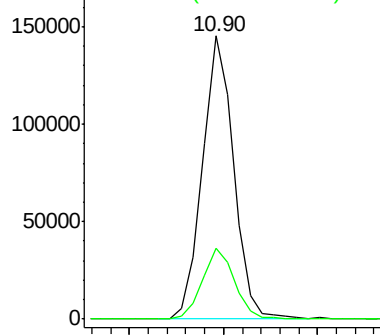
43 100

55 26.0 19.9 29.9



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: 18.345 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007438.D

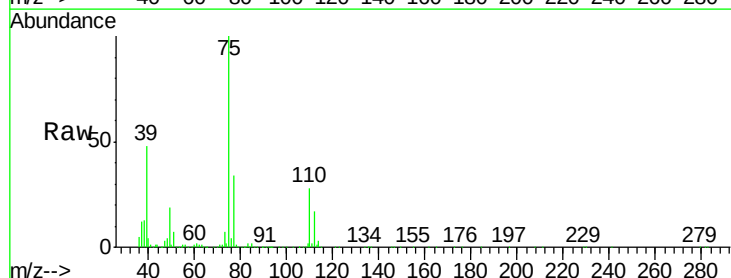
Acq: 08 Feb 2019 13:30

Tgt Ion: 75 Resp: 111072

Ion Ratio Lower Upper

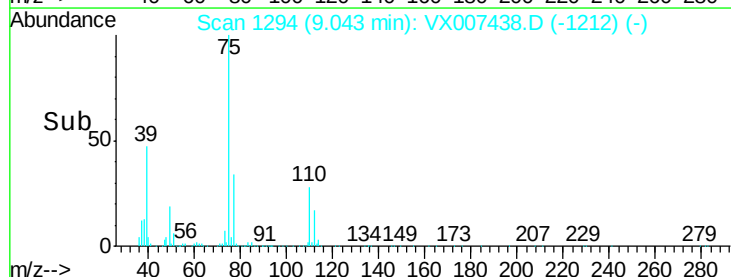
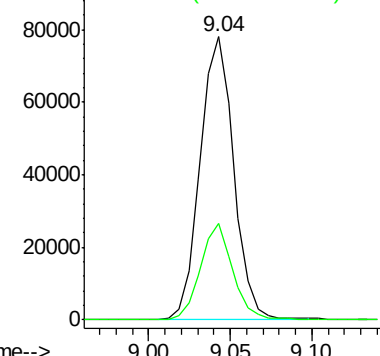
75 100

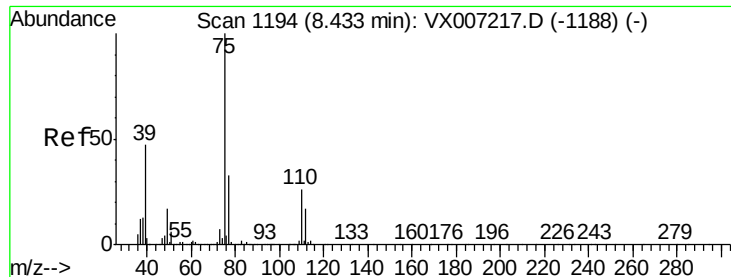
77 33.8 26.7 40.1



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



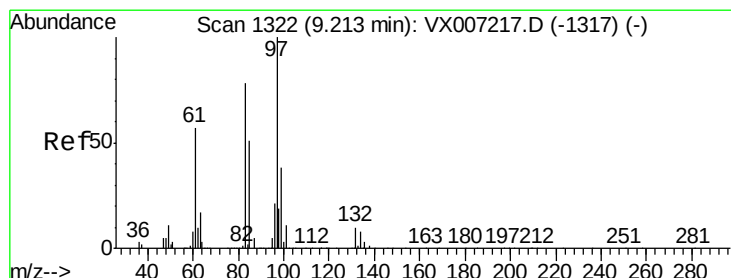
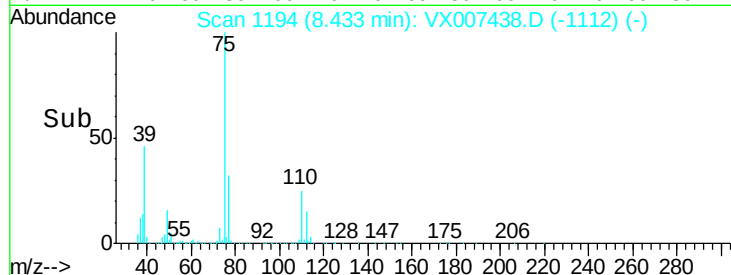
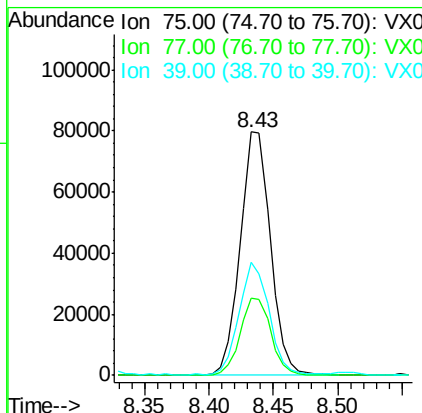
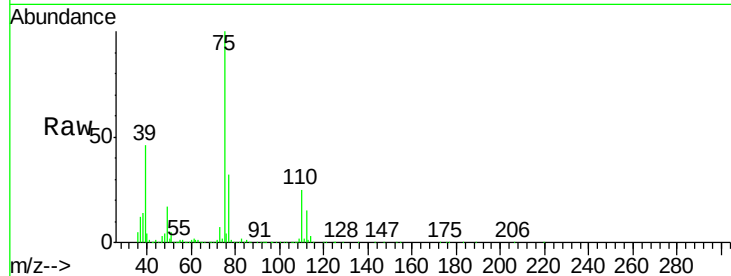


#49

cis-1,3-Dichloropropene
 Concen: 19.224 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

Instrument :
 MSVOA_X
 ClientSampleId :

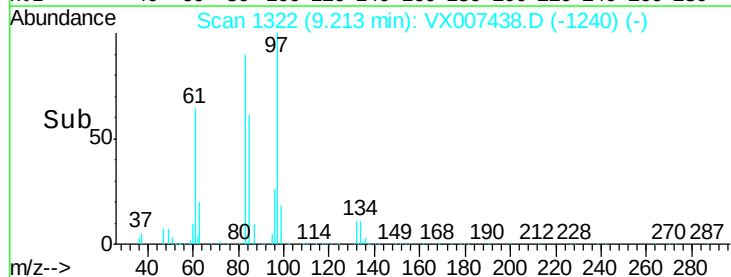
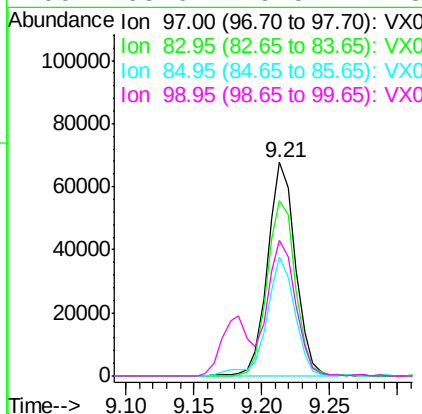
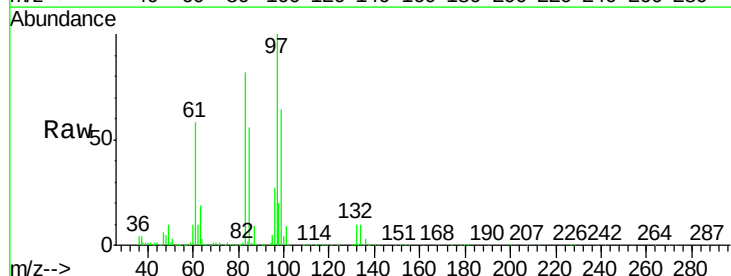
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.2	39.4
39	46.1	37.2	55.8

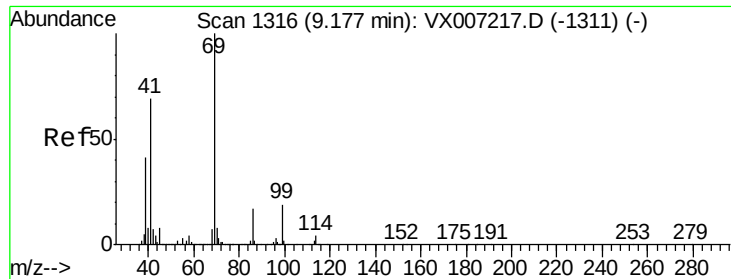


#50

1,1,2-Trichloroethane
 Concen: 20.572 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.0	62.5	93.7
85	55.3	41.8	62.6
99	63.6	49.5	74.3





#51

Ethyl methacrylate

Concen: 19.828 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

ClientSampled :

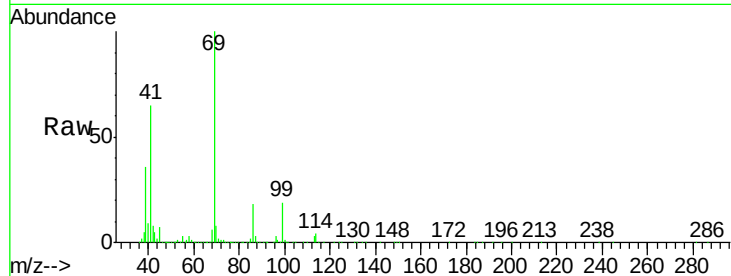
Tot Ion: 69 Resp: 134503

Ion Ratio Lower Upper

69 100

41 64.8 34.2 102.6

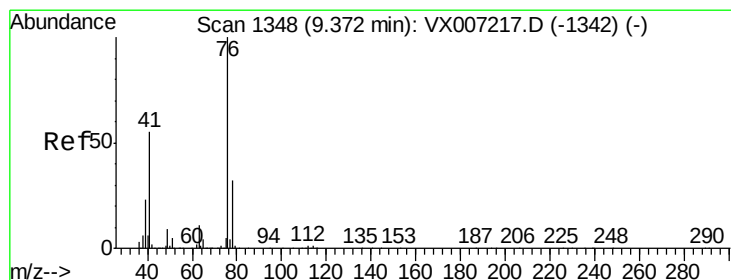
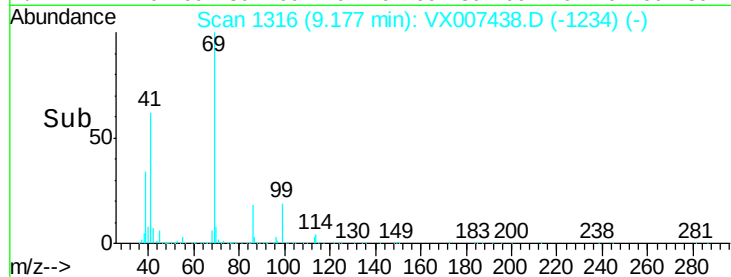
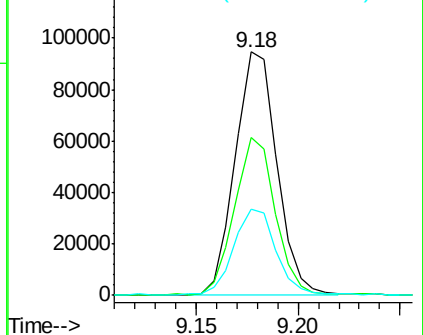
39 35.3 20.3 60.8



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: 19.900 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007438.D

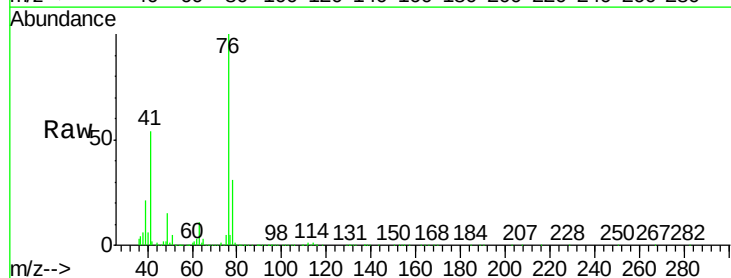
Acq: 08 Feb 2019 13:30

Tgt Ion: 76 Resp: 151280

Ion Ratio Lower Upper

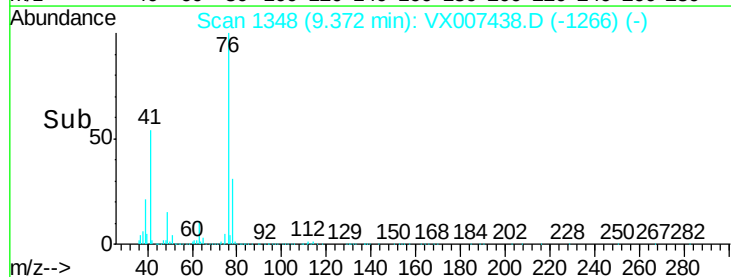
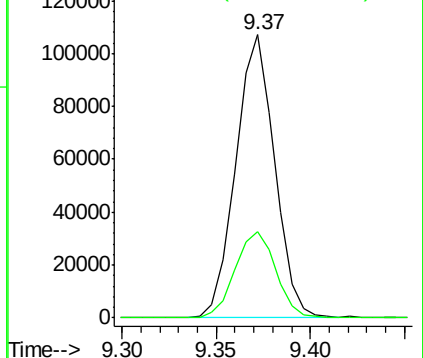
76 100

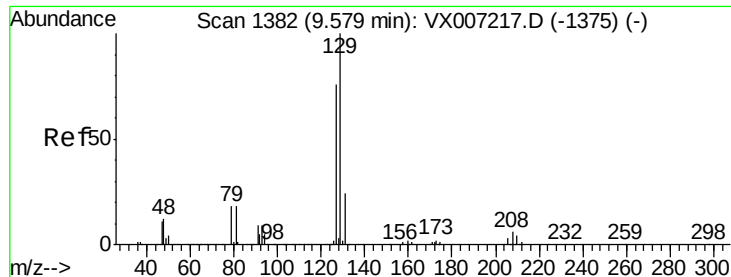
78 32.5 0.0 66.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 19.086 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

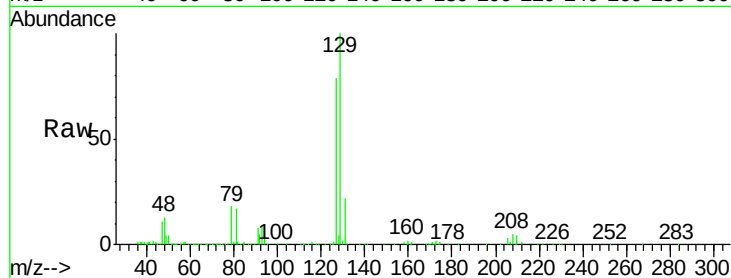
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 91581

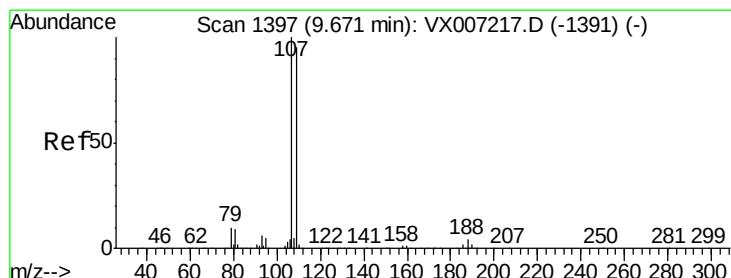
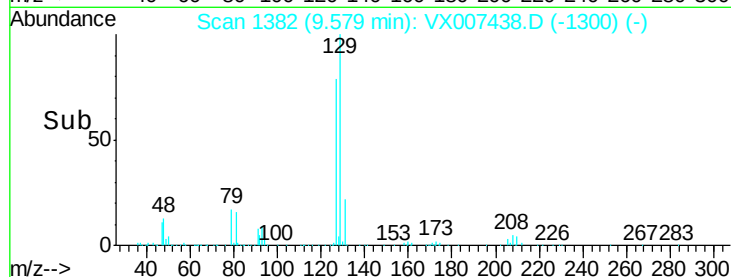
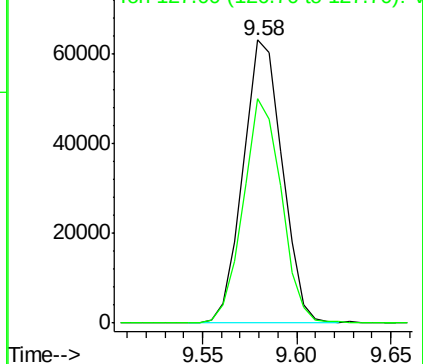
Ion Ratio Lower Upper

129 100

127 77.3 37.7 113.1



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.869 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007438.D

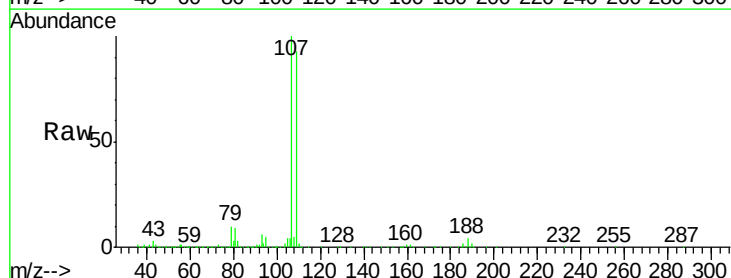
Acq: 08 Feb 2019 13:30

Tgt Ion:107 Resp: 101545

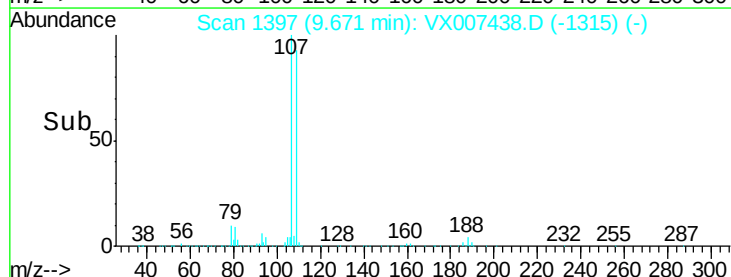
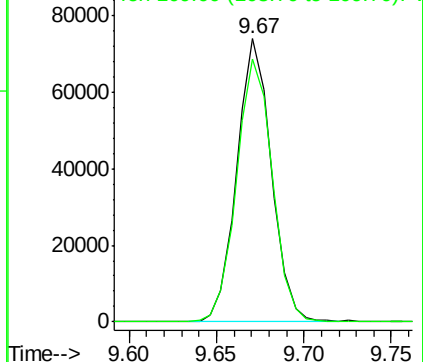
Ion Ratio Lower Upper

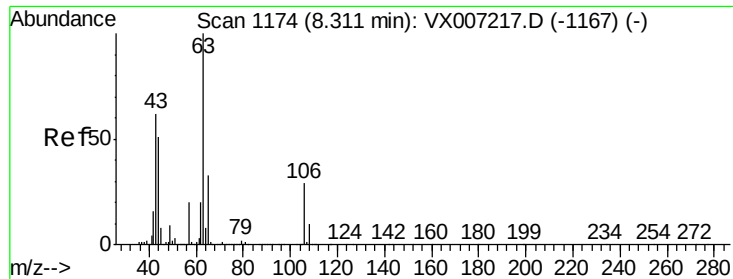
107 100

109 95.9 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V

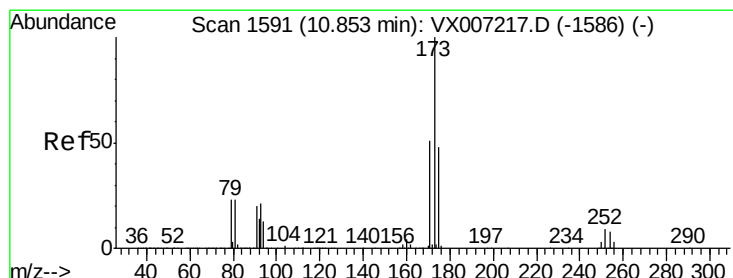
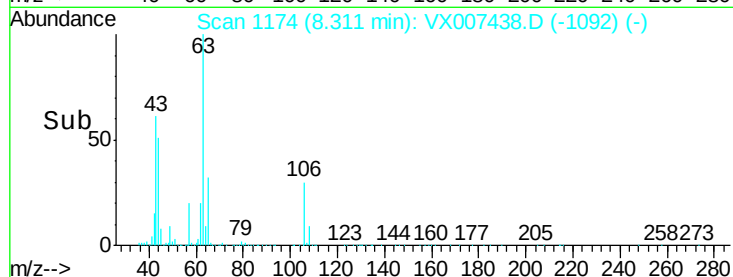
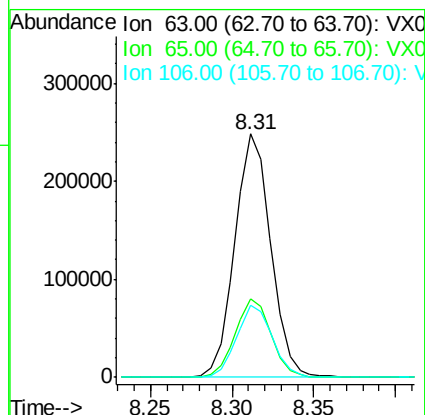
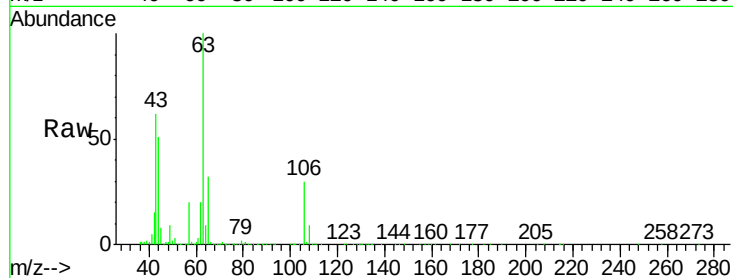




#55
 2-Chloroethyl vinyl ether
 Concen: 102.090 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

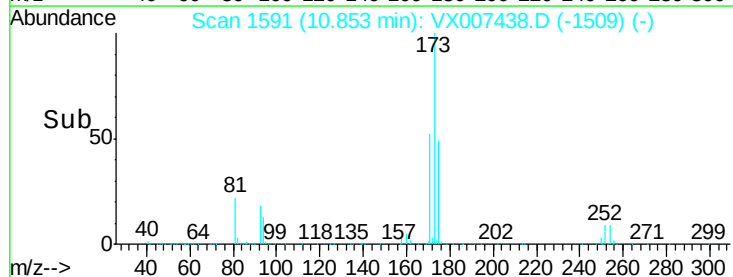
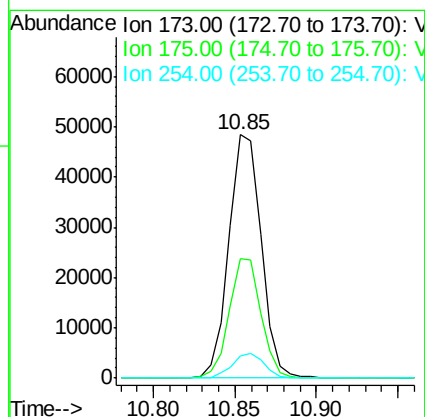
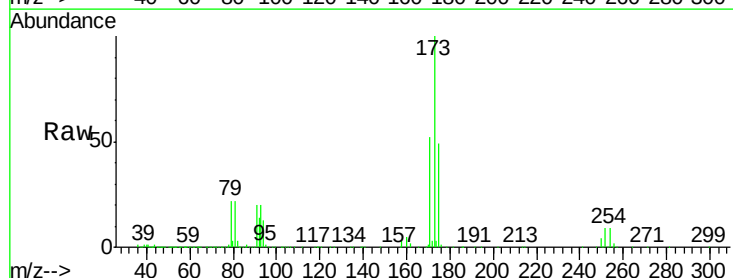
Instrument :
 MSVOA_X
 ClientSampleId :

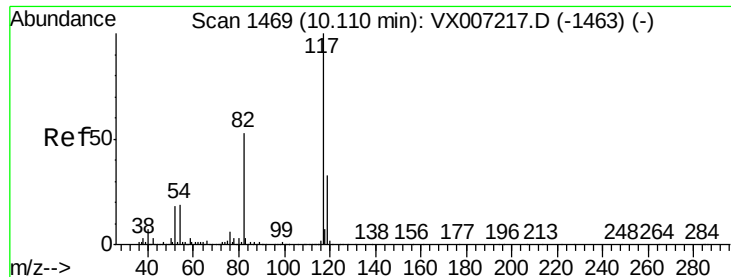
Tot Ion: 63 Resp: 380974
 Ion Ratio Lower Upper
 63 100
 65 32.5 25.9 38.9
 106 29.9 23.8 35.8



#56
 Bromoform
 Concen: 18.388 ug/l
 RT: 10.85 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

Tgt Ion: 173 Resp: 66998
 Ion Ratio Lower Upper
 173 100
 175 48.3 38.9 58.3
 254 9.9 8.5 12.7

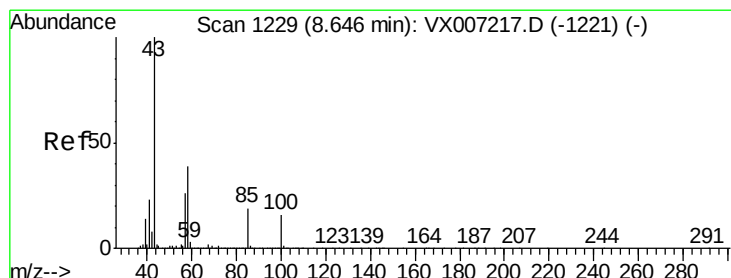
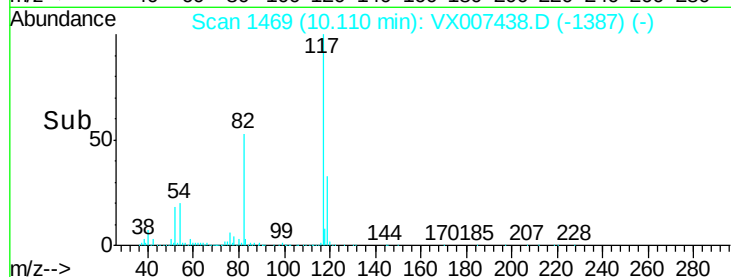
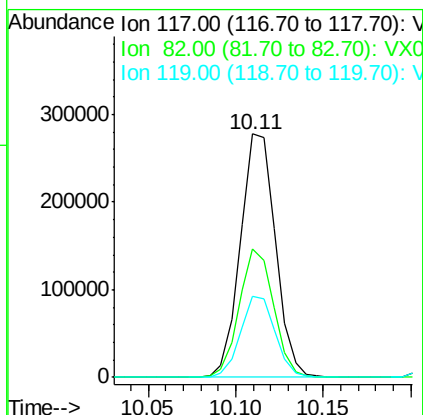
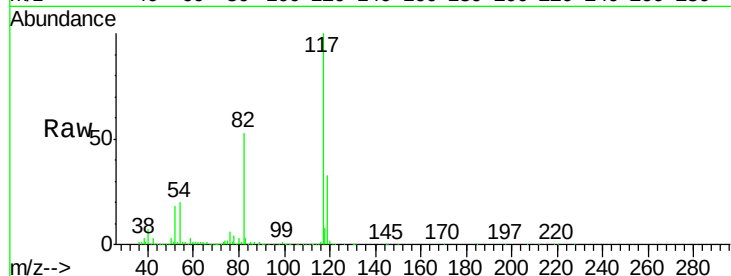




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

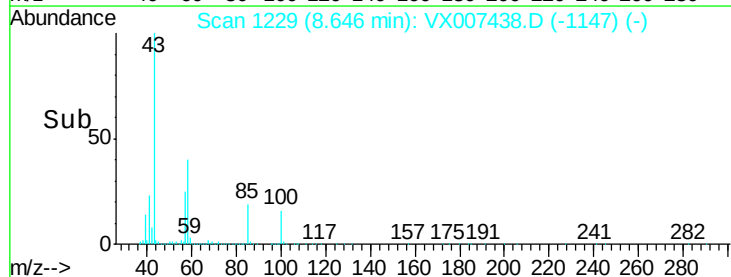
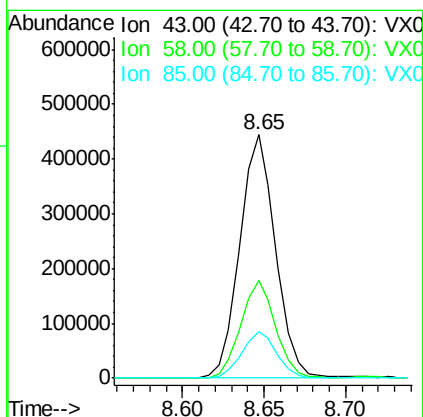
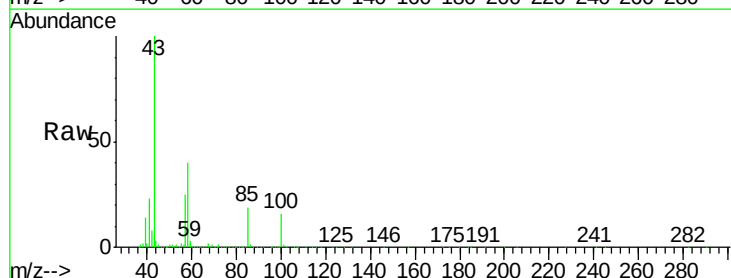
Instrument :
MSVOA_X
ClientSampleId :

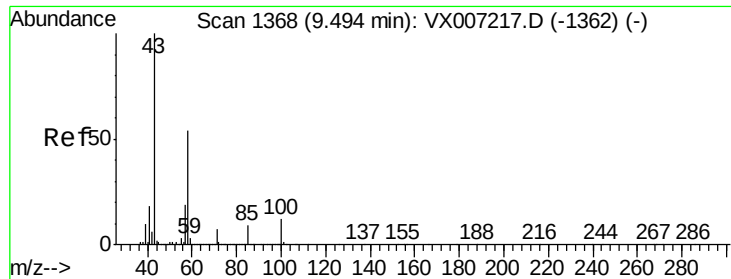
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	41.4	62.0
119	32.7	25.7	38.5



#58
4-Methyl-2-Pentanone
Concen: 103.913 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.2	31.6	47.4
85	18.9	14.9	22.3

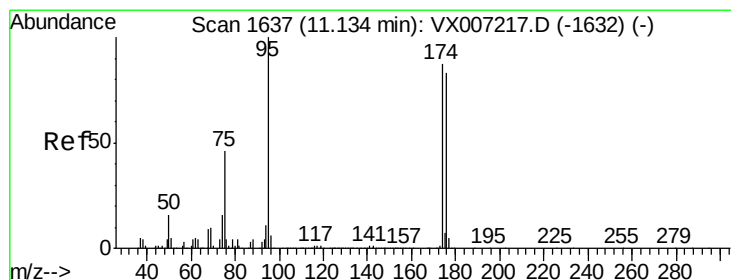
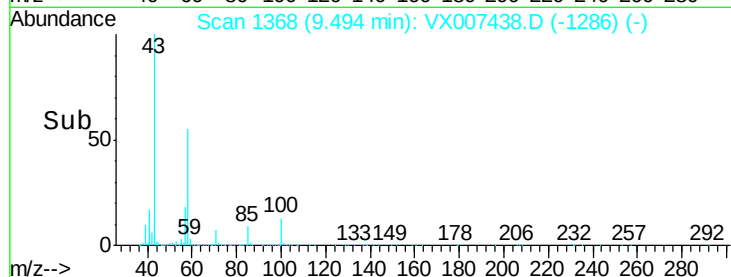
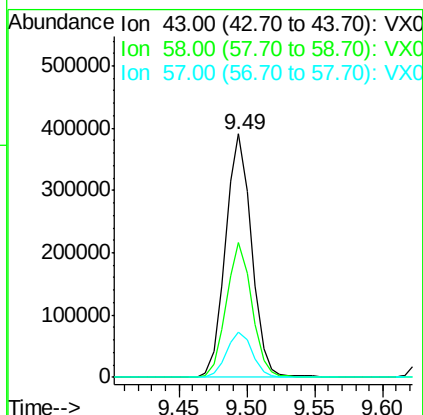
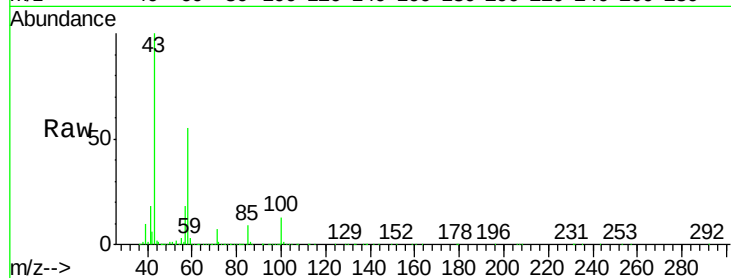




#59
2-Hexanone
Concen: 103.661 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

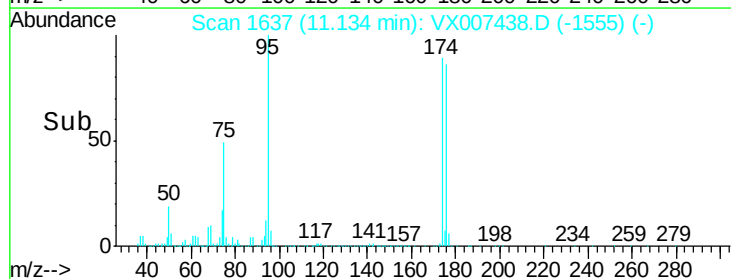
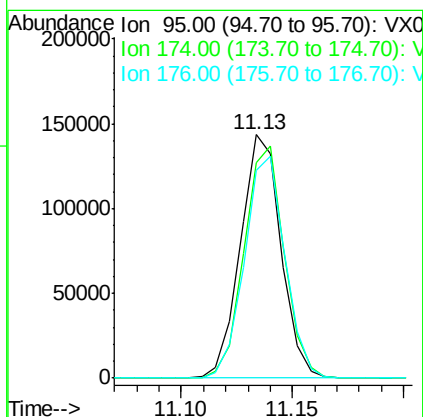
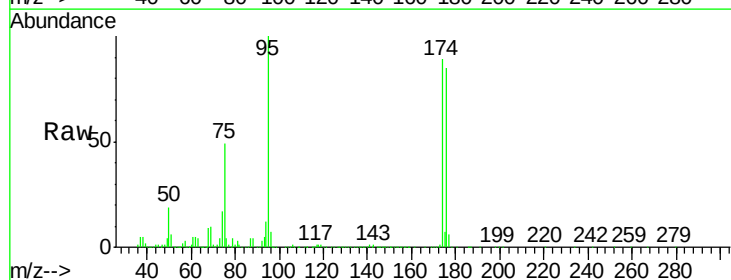
Instrument :
MSVOA_X
ClientSampled :

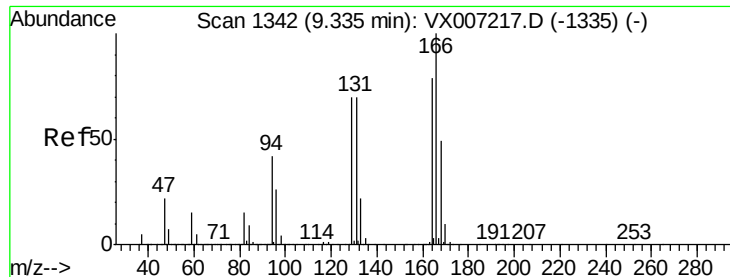
Tot Ion: 43 Resp: 521131
Ion Ratio Lower Upper
43 100
58 54.5 42.8 64.2
57 18.4 14.8 22.2



#60
4-Bromofluorobenzene
Concen: 30.307 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Tgt Ion: 95 Resp: 181732
Ion Ratio Lower Upper
95 100
174 94.9 74.8 112.2
176 91.3 72.5 108.7





#61

Tetrachloroethene

Concen: 19.510 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 105649

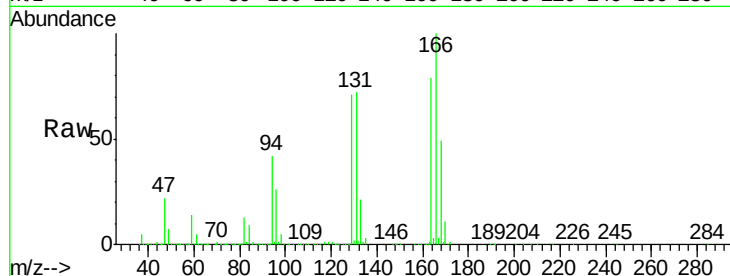
Ion Ratio Lower Upper

164 100

166 126.5 101.6 152.4

129 89.3 70.6 106.0

131 91.3 71.1 106.7

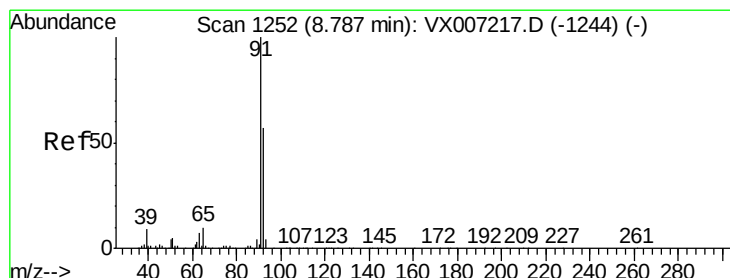
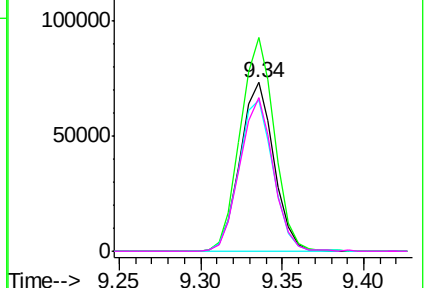
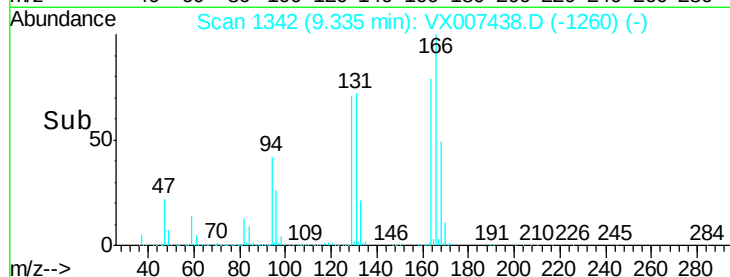


Abundance Ion 163.85 (163.55 to 164.55): V

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: 20.028 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007438.D

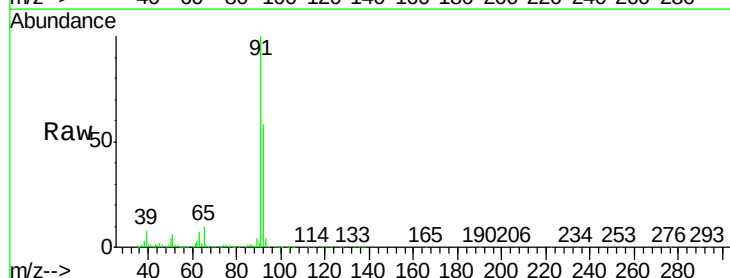
Acq: 08 Feb 2019 13:30

Tgt Ion: 91 Resp: 391666

Ion Ratio Lower Upper

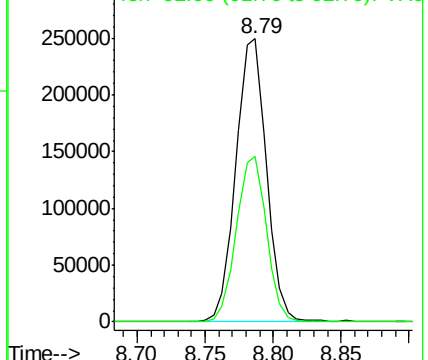
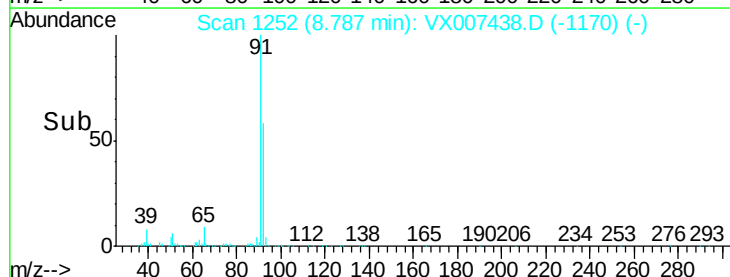
91 100

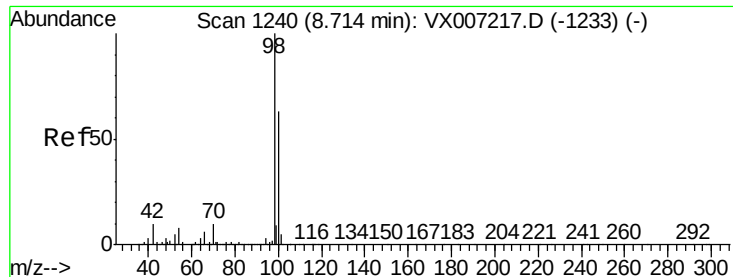
92 57.5 46.0 69.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.183 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

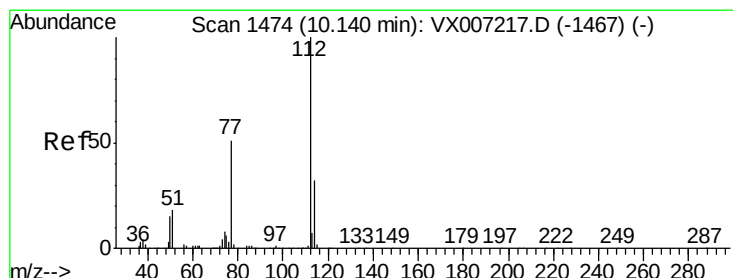
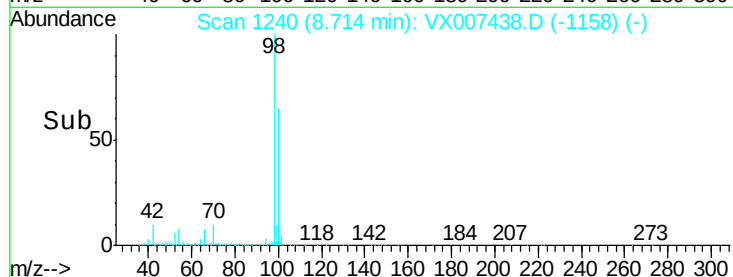
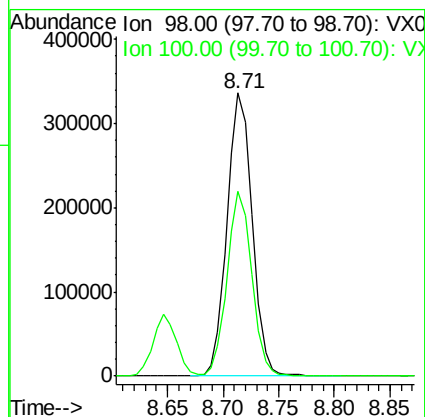
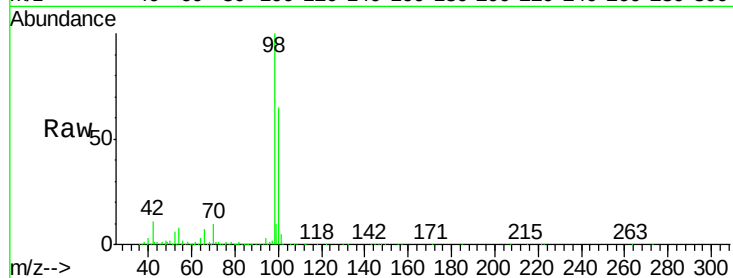
ClientSampleId :

Tot Ion: 98 Resp: 528561

Ion Ratio Lower Upper

98 100

100 63.7 49.9 74.9



#64

Chlorobenzene

Concen: 19.783 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007438.D

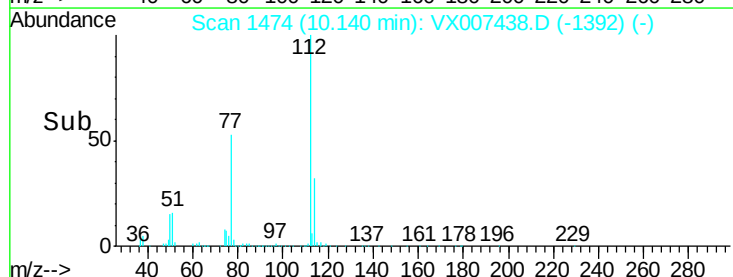
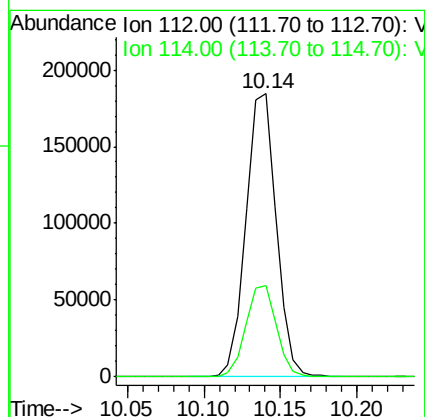
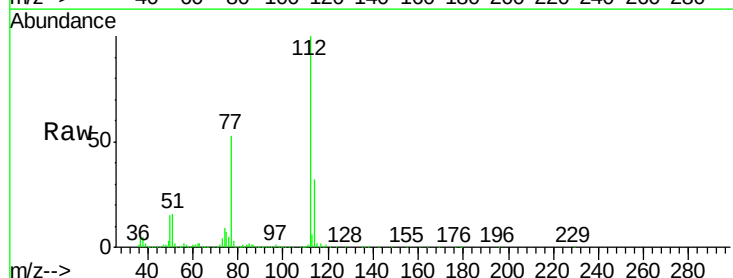
Acq: 08 Feb 2019 13:30

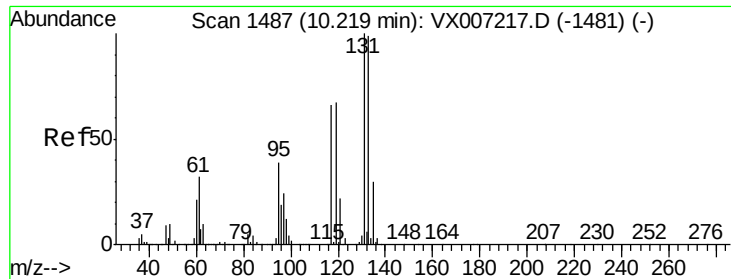
Tgt Ion: 112 Resp: 255211

Ion Ratio Lower Upper

112 100

114 32.2 25.4 38.0





#65

1,1,1,2-Tetrachloroethane

Concen: 19.894 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

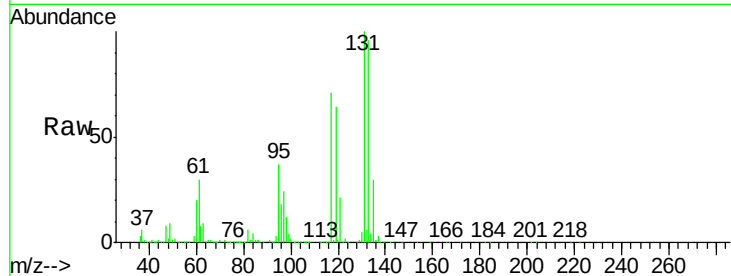
Tot Ion:131 Resp: 90906

Ion Ratio Lower Upper

131 100

133 97.6 0.0 196.4

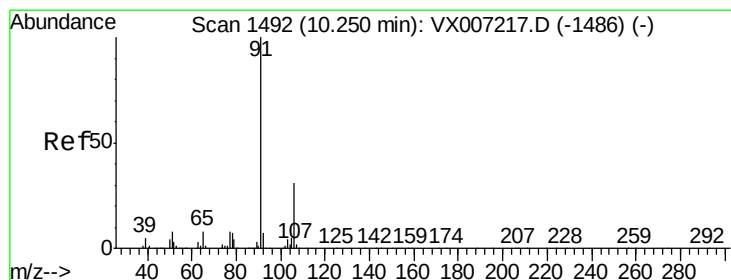
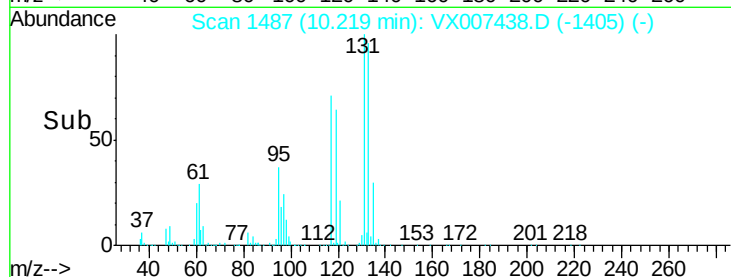
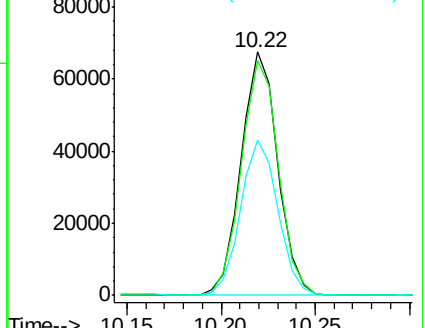
119 65.4 0.0 134.4



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: 19.681 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007438.D

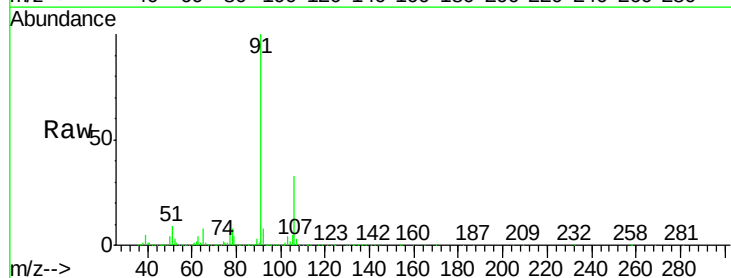
Acq: 08 Feb 2019 13:30

Tgt Ion: 91 Resp: 416995

Ion Ratio Lower Upper

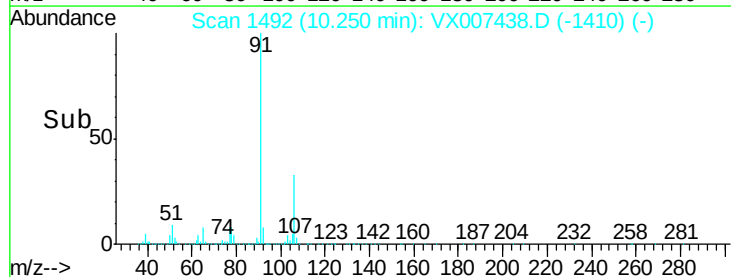
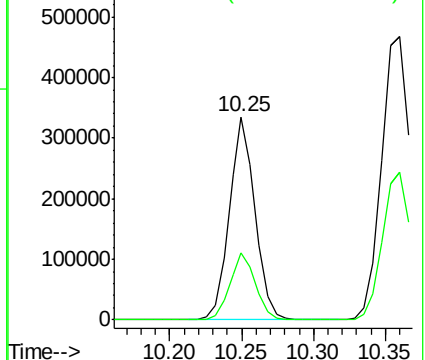
91 100

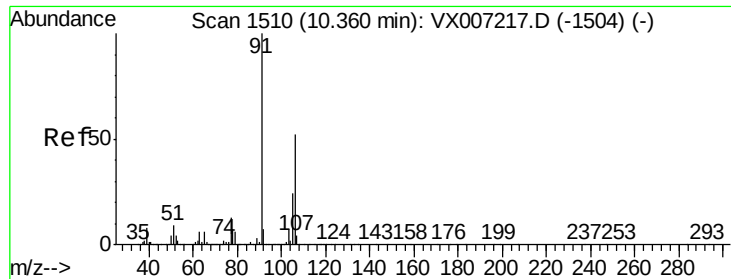
106 32.9 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

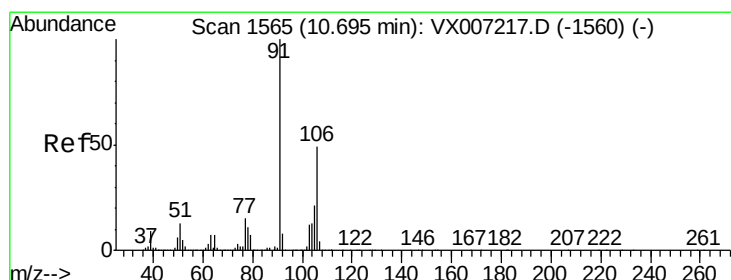
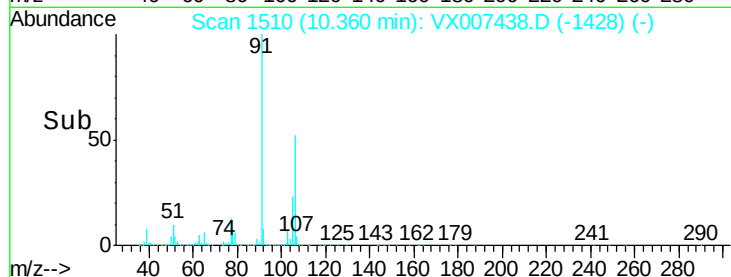
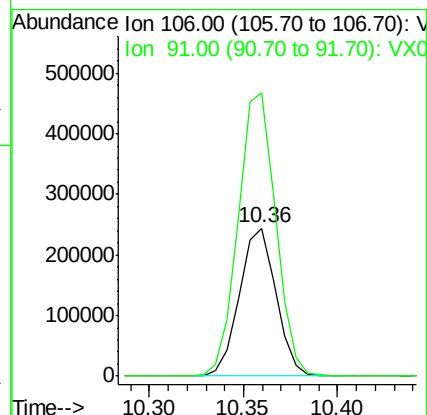
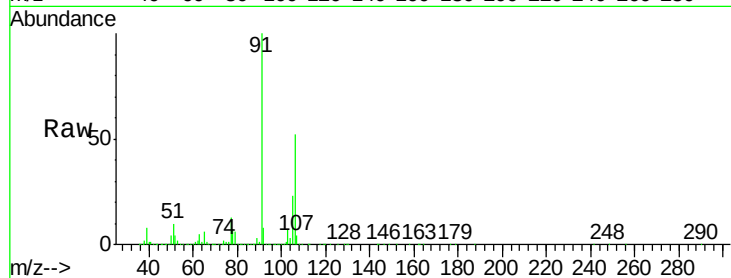




#67
m/p-Xylenes
Concen: 39.493 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

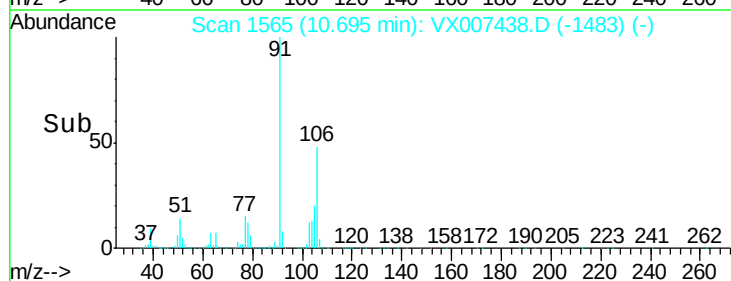
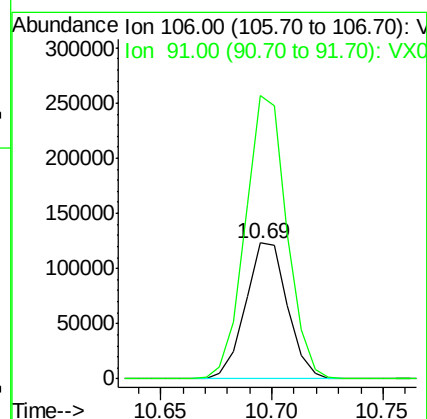
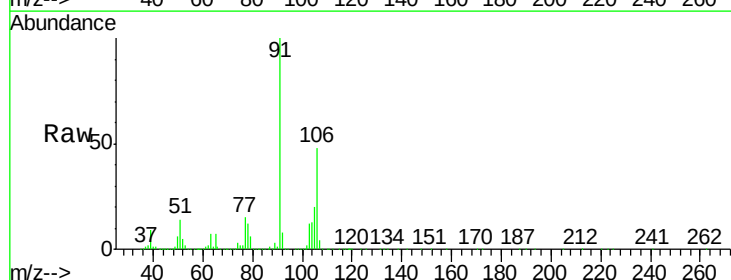
Instrument :
MSVOA_X
ClientSampleId :

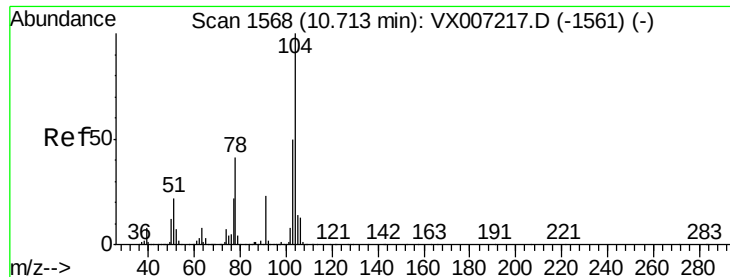
Tot Ion:106 Resp: 330450
Ion Ratio Lower Upper
106 100
91 195.9 157.6 236.4



#68
o-Xylene
Concen: 19.712 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Tgt Ion:106 Resp: 161568
Ion Ratio Lower Upper
106 100
91 206.3 103.6 310.8





#69

Stvrene

Concen: 19.802 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX007438.D

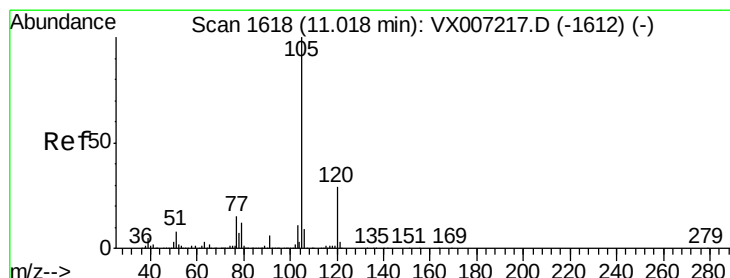
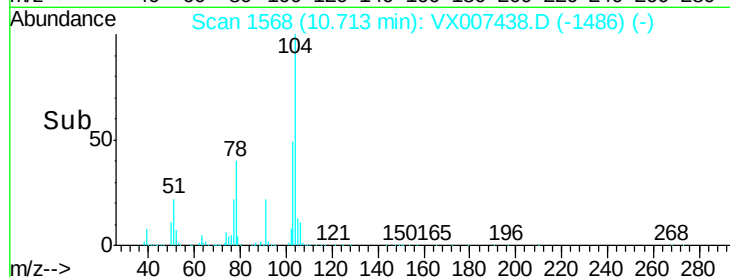
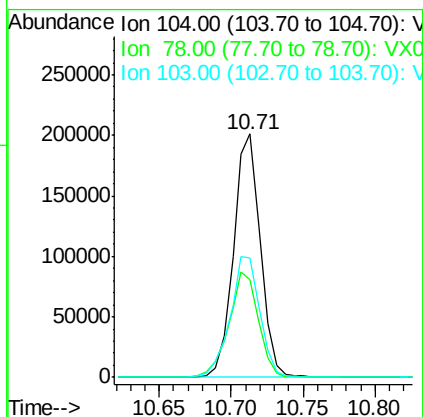
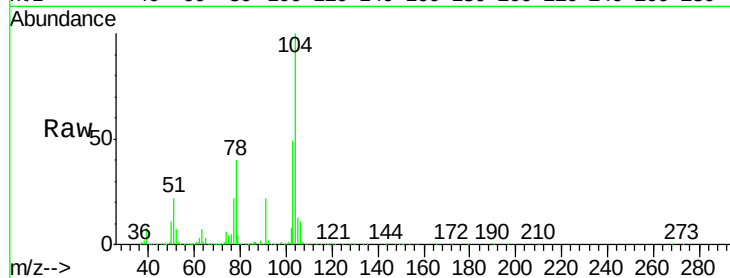
Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	104	Resp:	261855
Ion	Ratio	Lower	Upper
104	100		
78	48.0	37.8	56.8
103	54.9	45.3	67.9



#70

Isopropylbenzene

Concen: 20.117 ug/l

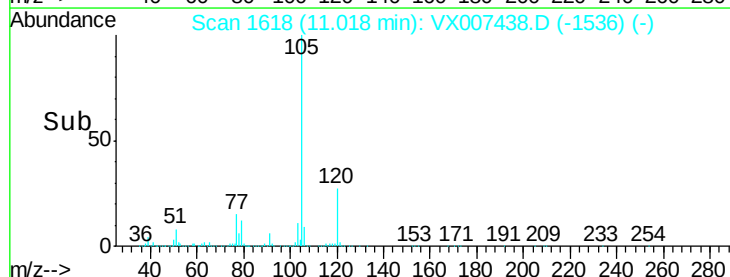
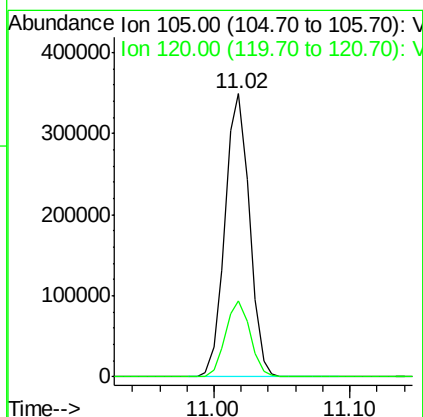
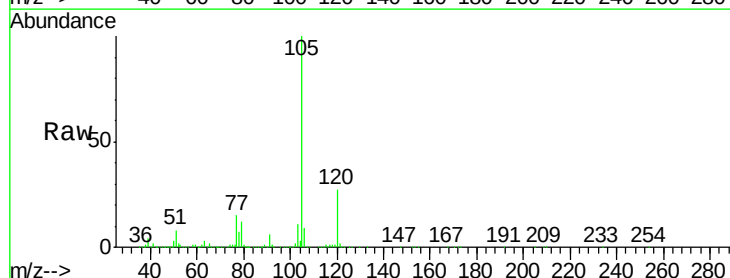
RT: 11.02 min Scan# 1618

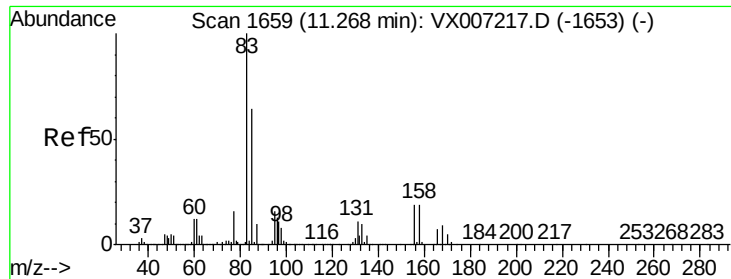
Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Tgt Ion:	105	Resp:	436522
Ion	Ratio	Lower	Upper
105	100		
120	27.2	19.9	36.9

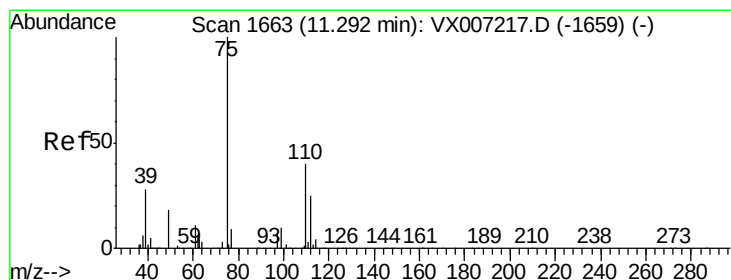
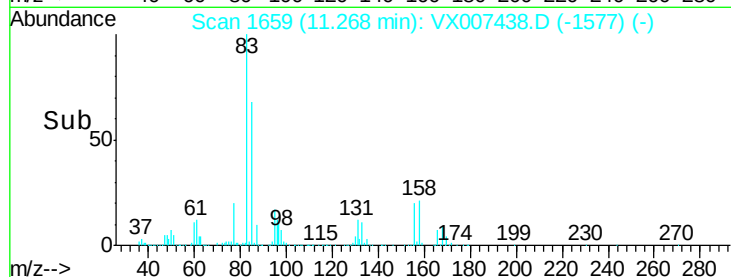
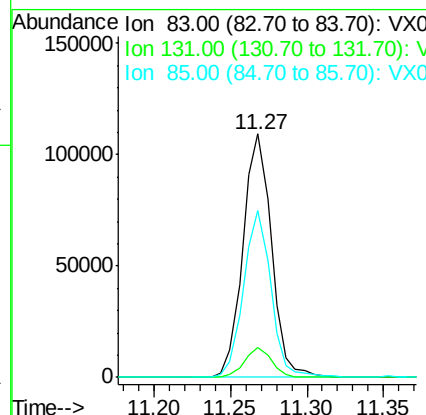
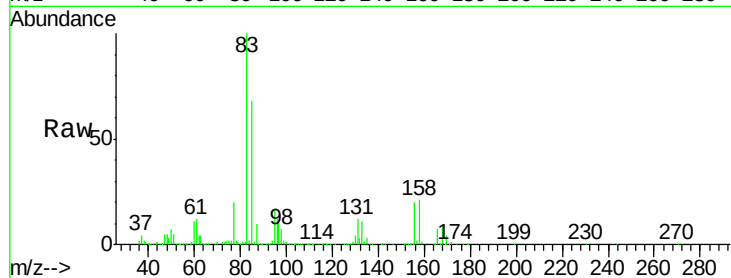




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.362 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

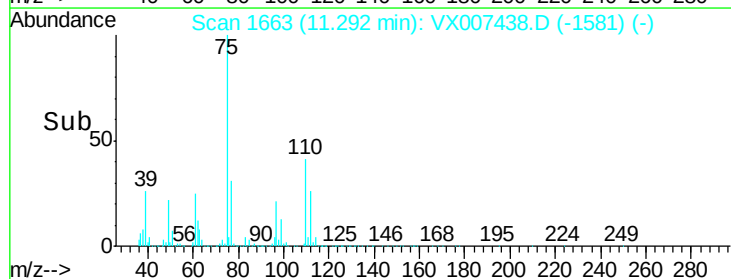
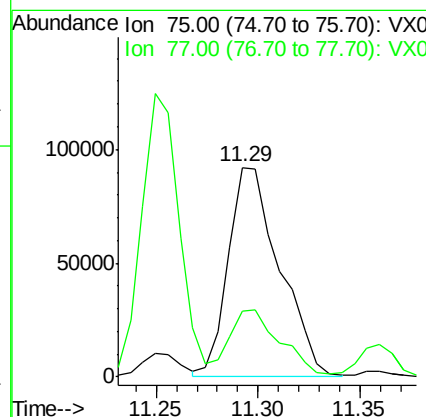
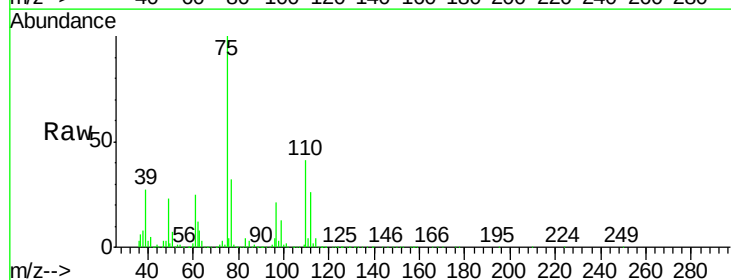
Instrument :
 MSVOA_X
 ClientSampleId :

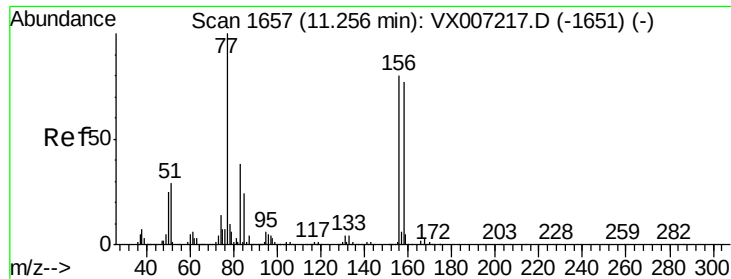
Tot Ion	83	Resp	141467
Ion Ratio	100		
Lower	5.3		
Upper	15.9		
85	65.7		
	31.8		
	95.3		



#72
 1,2,3-Trichloropropane
 Concen: 24.650 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

Tgt Ion	75	Resp	161017
Ion Ratio	100		
Lower	0.0		
Upper	73.2		
77	32.0		

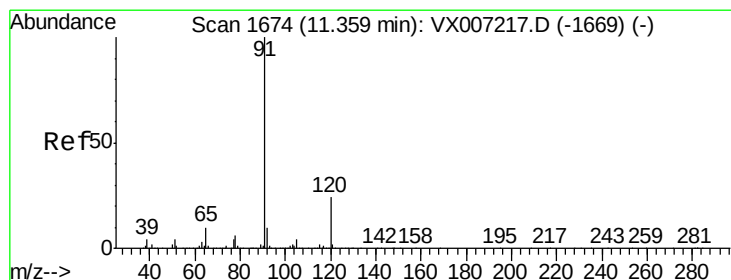
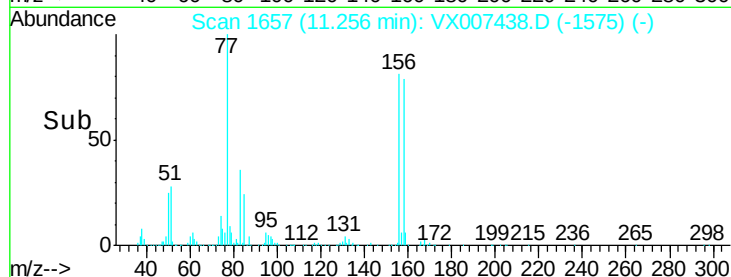
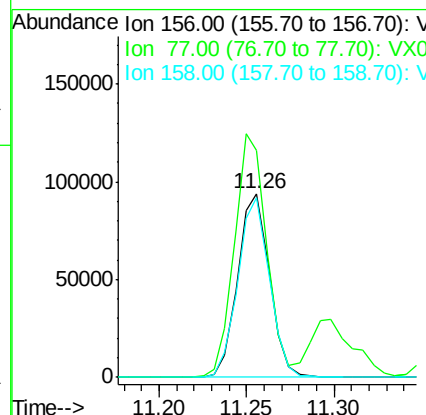
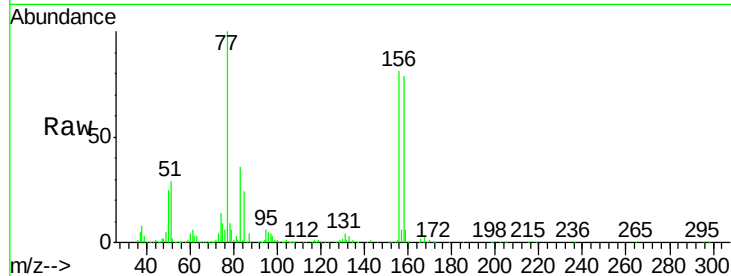




#73
Bromobenzene
Concen: 19.835 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

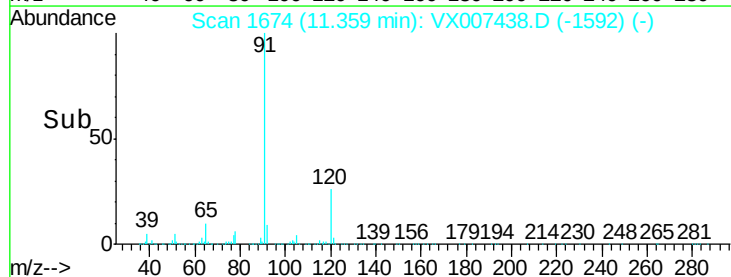
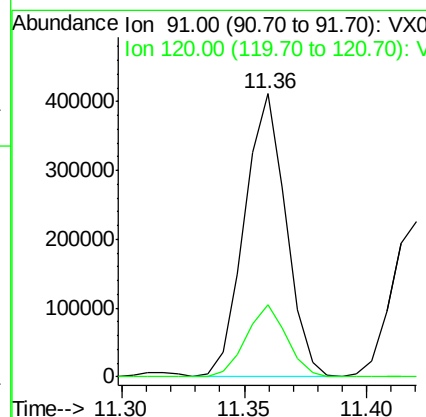
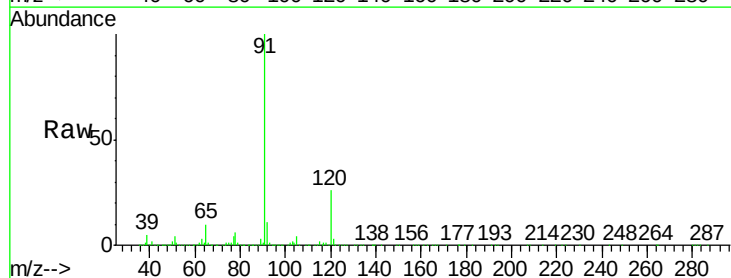
Instrument :
MSVOA_X
ClientSampleId :

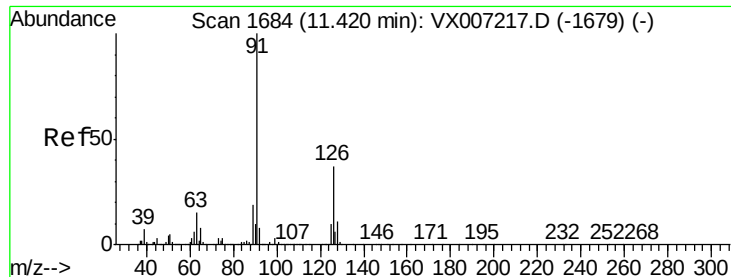
Tot Ion:156 Resp: 119129
Ion Ratio Lower Upper
156 100
77 133.1 0.0 267.0
158 95.9 0.0 194.6



#74
n-propylbenzene
Concen: 19.856 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Tgt Ion: 91 Resp: 484904
Ion Ratio Lower Upper
91 100
120 24.8 0.0 48.0





#75

2-Chlorotoluene

Concen: 19.833 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

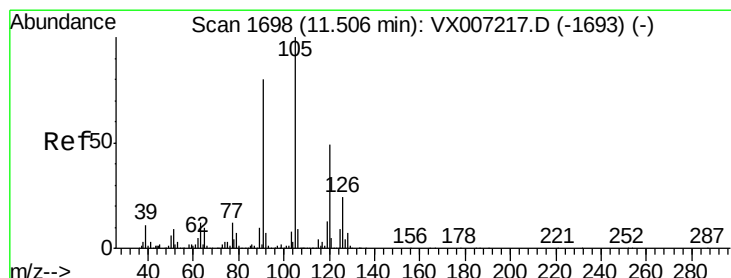
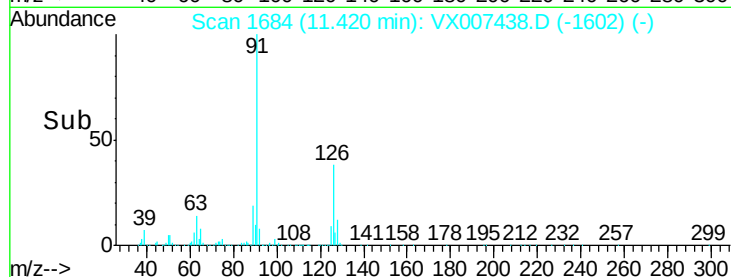
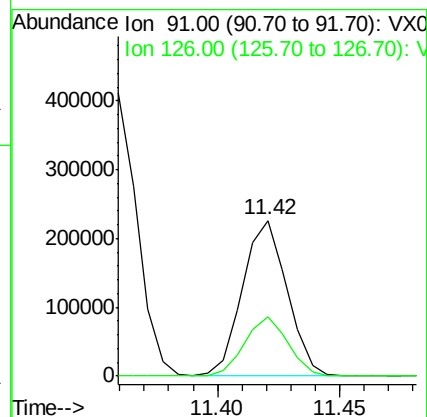
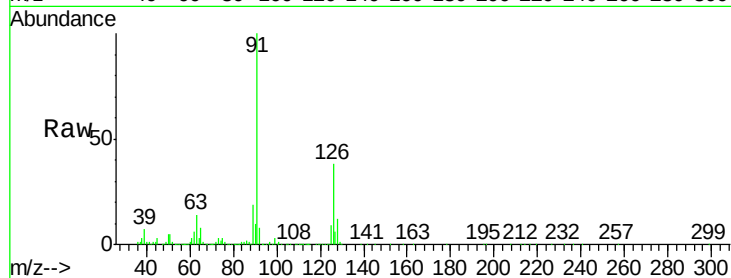
ClientSampleId :

Tot Ion: 91 Resp: 287232

Ion Ratio Lower Upper

91 100

126 37.1 0.0 72.8



#76

1,3,5-Trimethylbenzene

Concen: 19.638 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007438.D

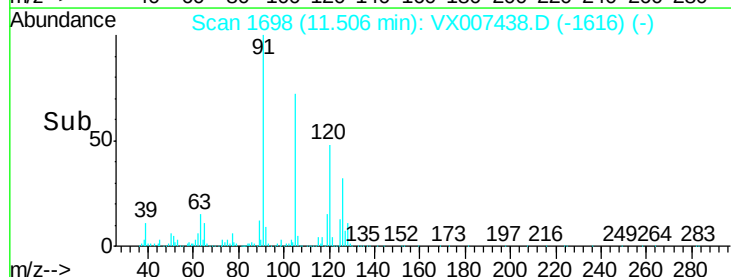
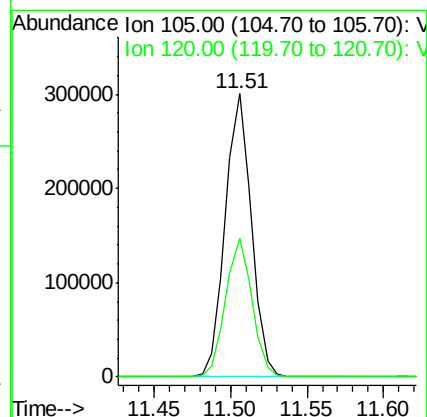
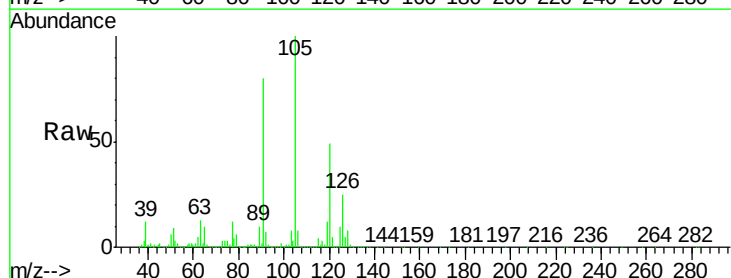
Acq: 08 Feb 2019 13:30

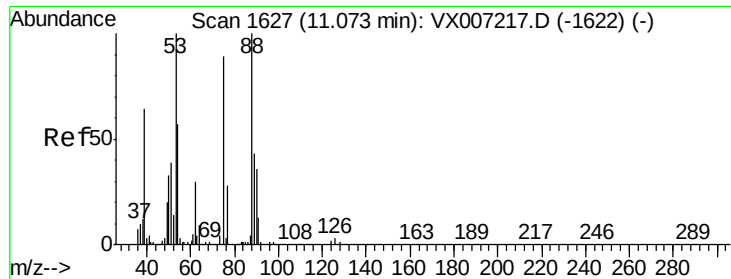
Tgt Ion: 105 Resp: 355654

Ion Ratio Lower Upper

105 100

120 49.5 0.0 99.8





#77

t-1,4-Dichloro-2-butene

Concen: 18.691 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

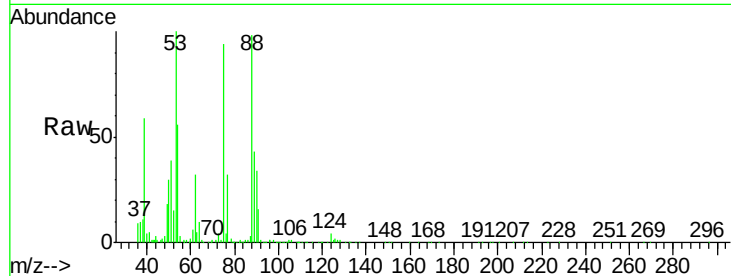
Tot Ion: 75 Resp: 35472

Ion Ratio Lower Upper

75 100

53 105.7 55.9 167.6

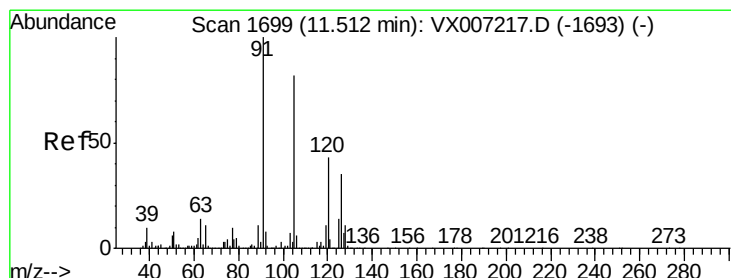
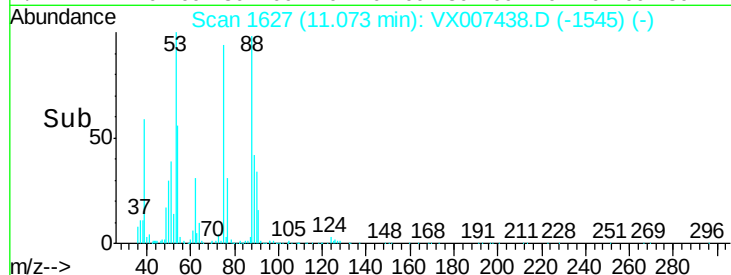
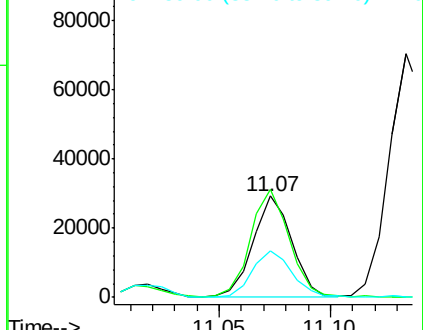
89 44.7 24.1 72.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.043 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007438.D

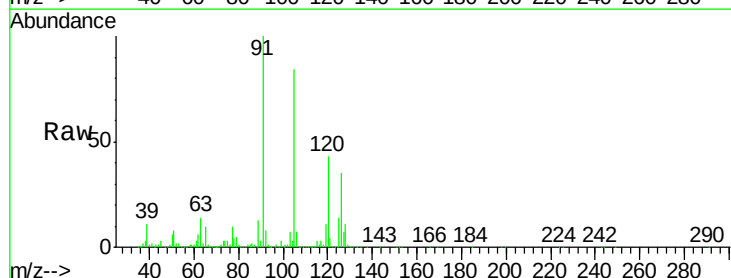
Acq: 08 Feb 2019 13:30

Tgt Ion: 91 Resp: 321101

Ion Ratio Lower Upper

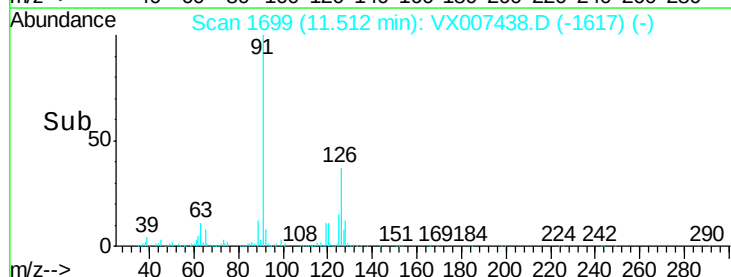
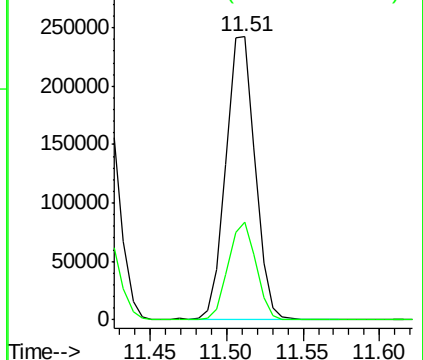
91 100

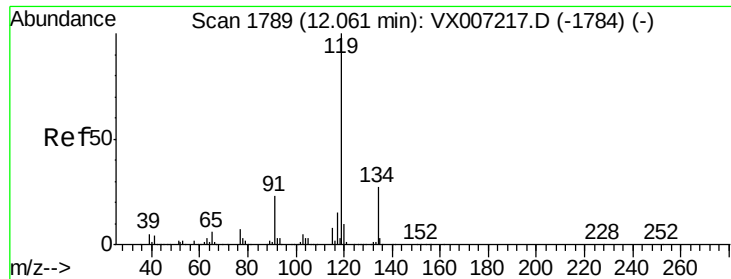
126 33.1 0.0 63.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

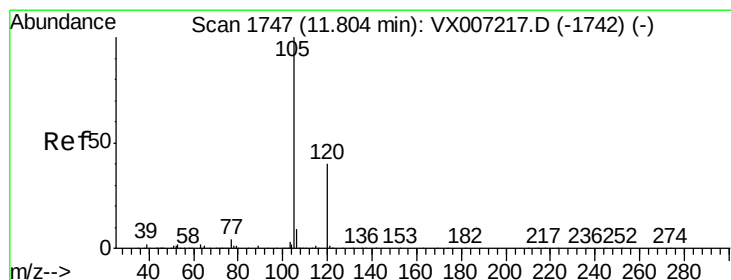
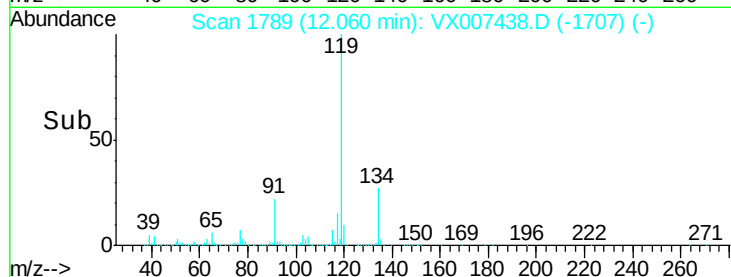
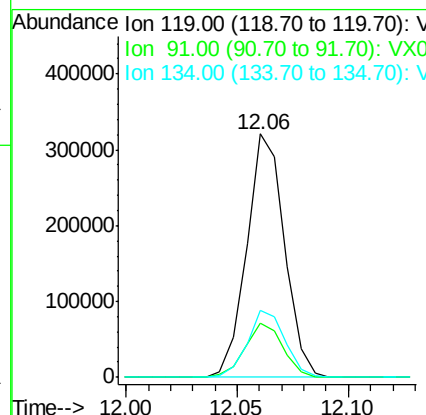
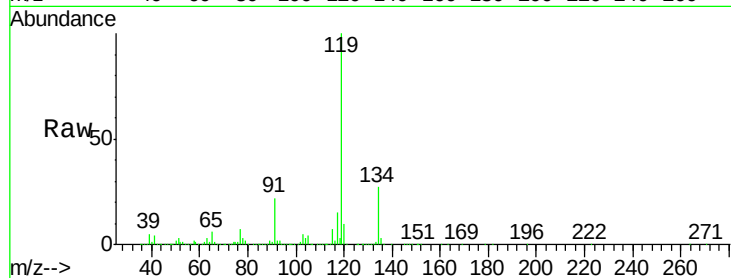




#79
tert-butylbenzene
Concen: 19.421 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

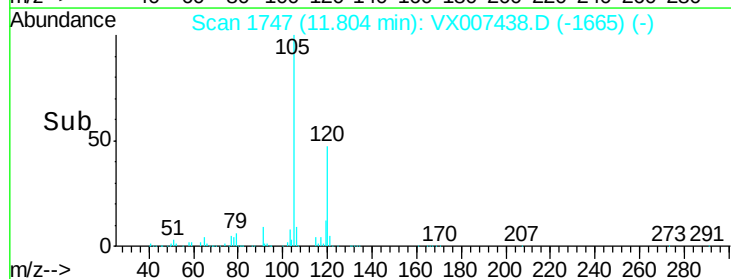
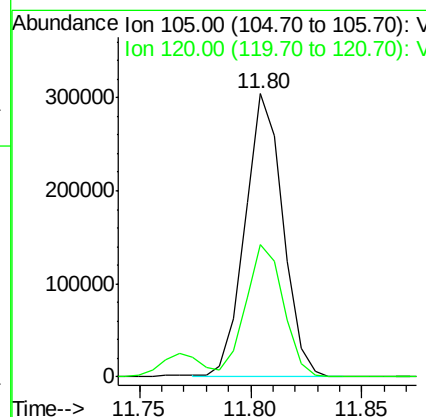
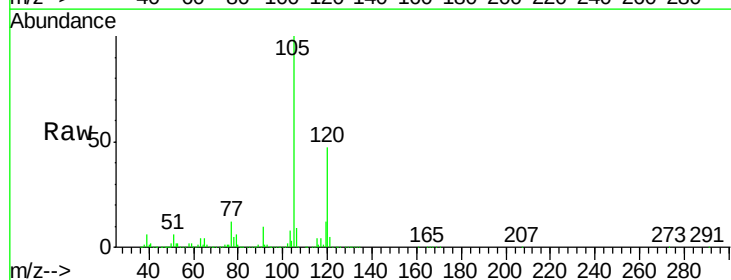
Instrument :
MSVOA_X
ClientSampleId :

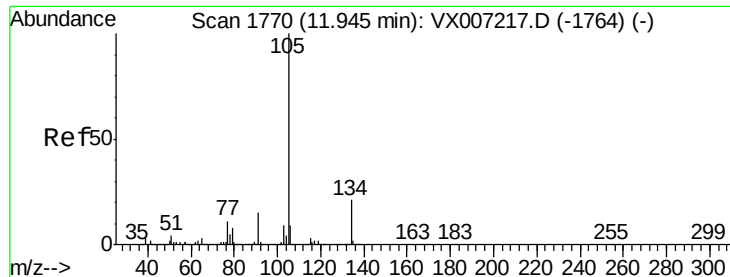
Tot Ion:119 Resp: 380560
Ion Ratio Lower Upper
119 100
91 22.4 0.0 45.0
134 27.1 0.0 55.8



#80
1,2,4-Trimethylbenzene
Concen: 19.720 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Tgt Ion:105 Resp: 361622
Ion Ratio Lower Upper
105 100
120 46.5 0.0 94.4





#81

sec-Butylbenzene

Concen: 19.401 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

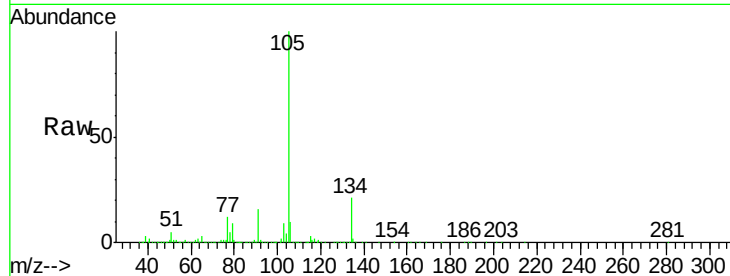
ClientSampleId :

Tot Ion:105 Resp: 423677

Ion Ratio Lower Upper

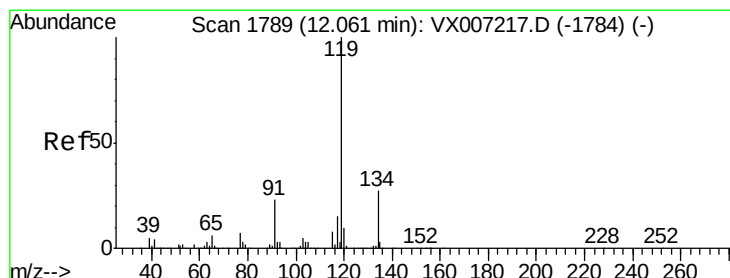
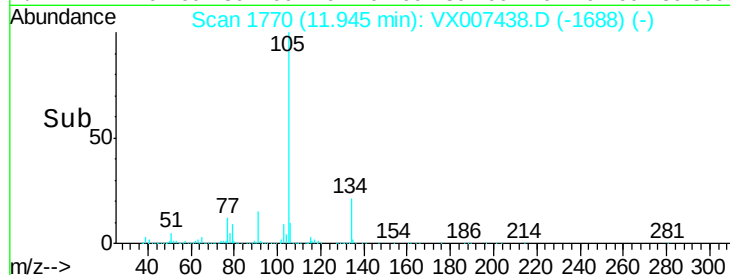
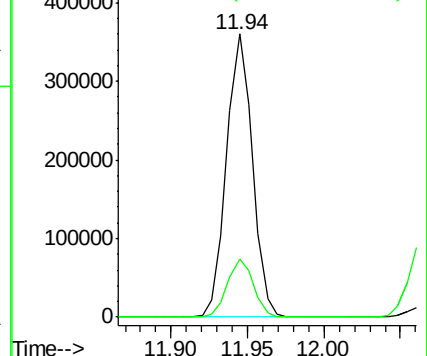
105 100

134 20.7 0.0 42.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.421 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

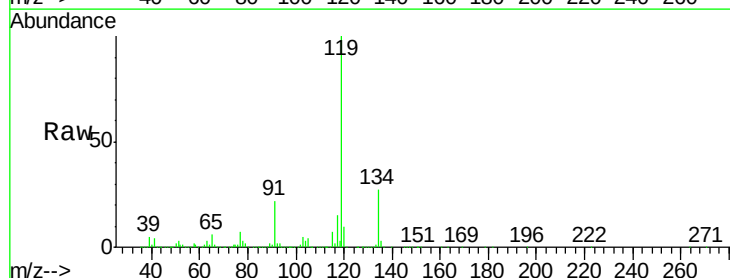
Tgt Ion:119 Resp: 380560

Ion Ratio Lower Upper

119 100

134 27.1 0.0 55.8

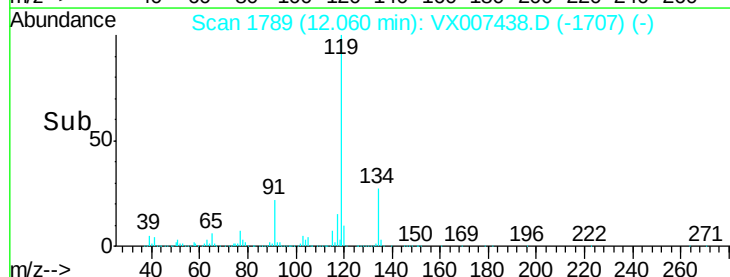
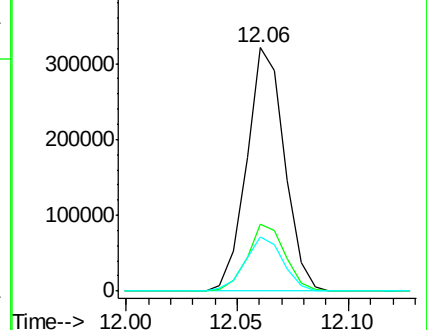
91 22.4 0.0 45.0

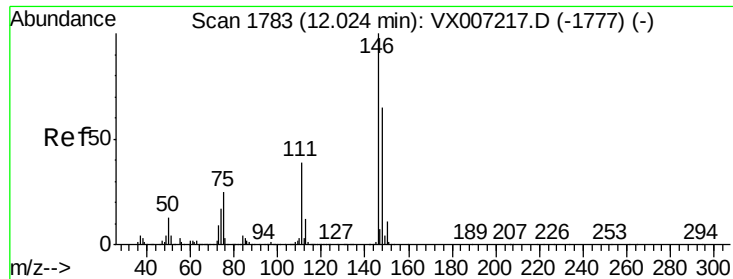


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#83

1,3-Dichlorobenzene

Concen: 19.393 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

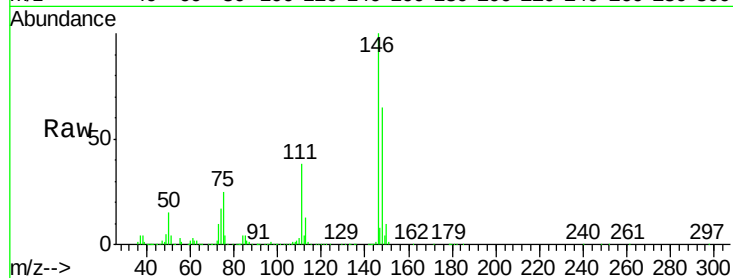
Tot Ion:146 Resp: 207052

Ion Ratio Lower Upper

146 100

111 37.0 19.0 57.0

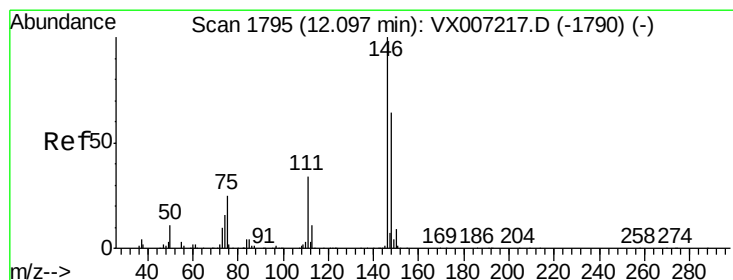
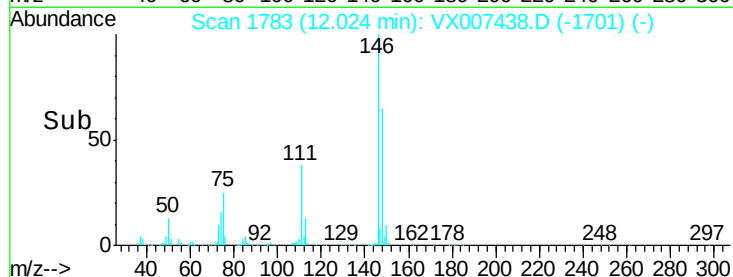
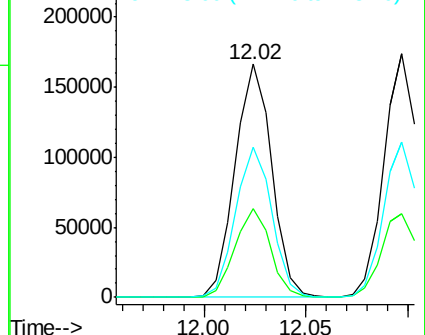
148 63.9 31.6 94.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 19.414 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

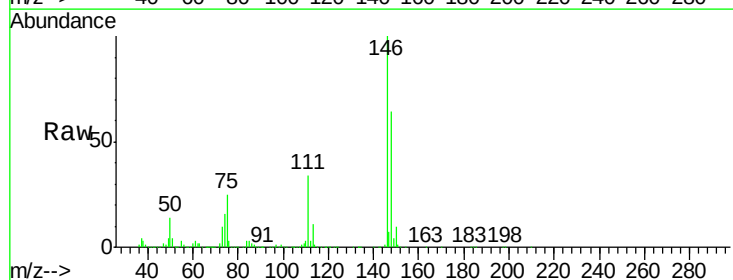
Tgt Ion:146 Resp: 207370

Ion Ratio Lower Upper

146 100

111 36.2 17.4 52.2

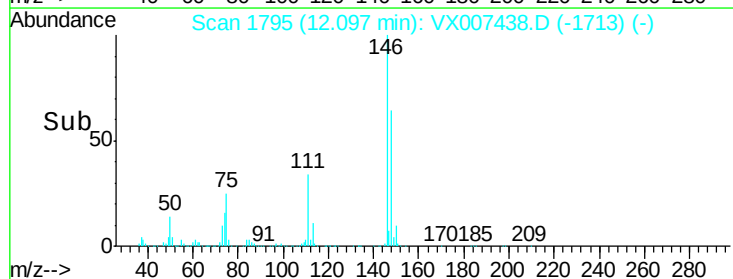
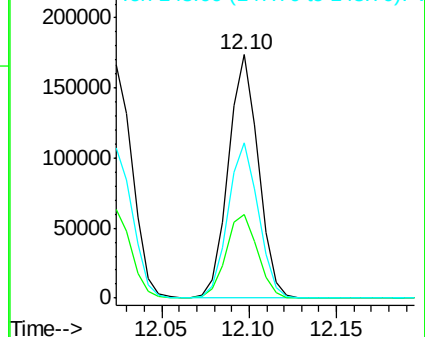
148 64.3 31.9 95.5

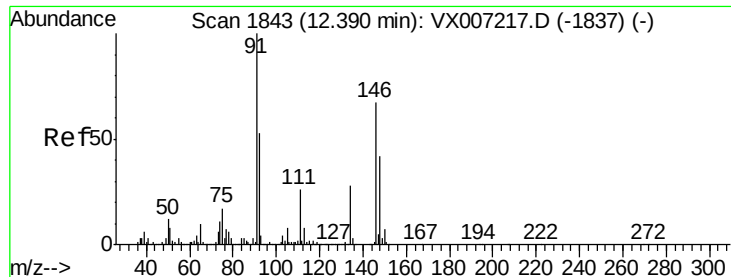


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 18.269 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

ClientSampled :

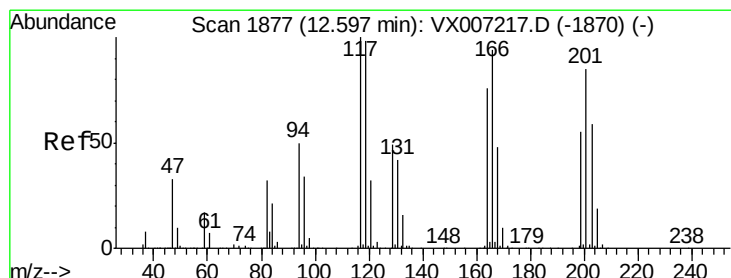
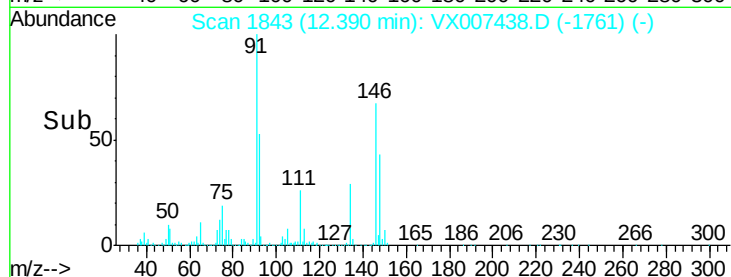
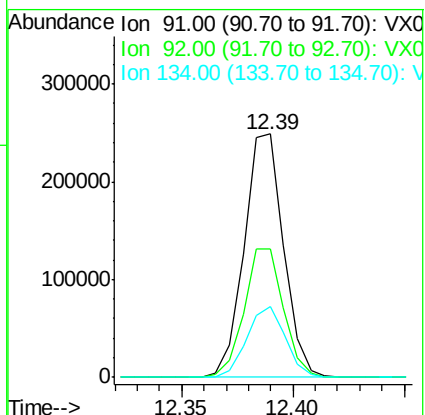
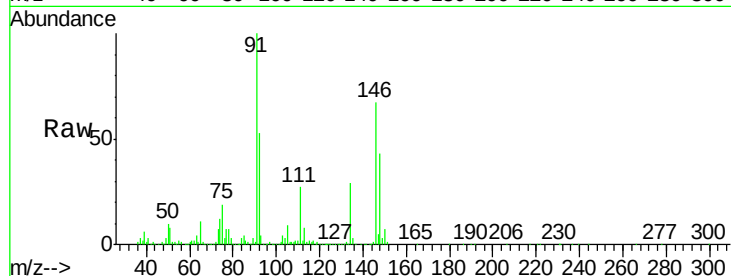
Tot Ion: 91 Resp: 307236

Ion Ratio Lower Upper

91 100

92 52.9 0.0 106.2

134 28.4 0.0 55.4



#86

Hexachloroethane

Concen: 18.853 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX007438.D

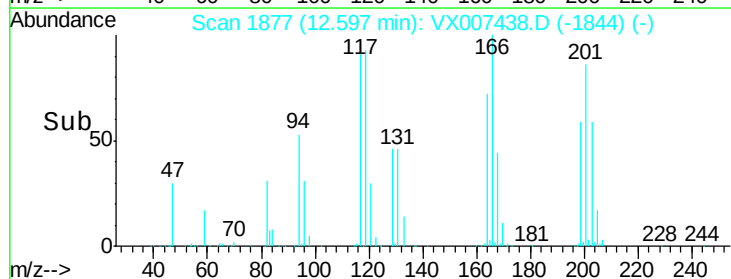
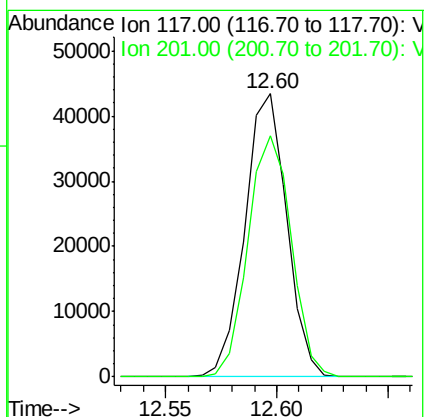
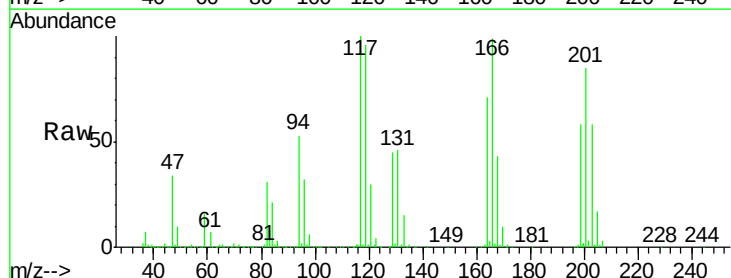
Acq: 08 Feb 2019 13:30

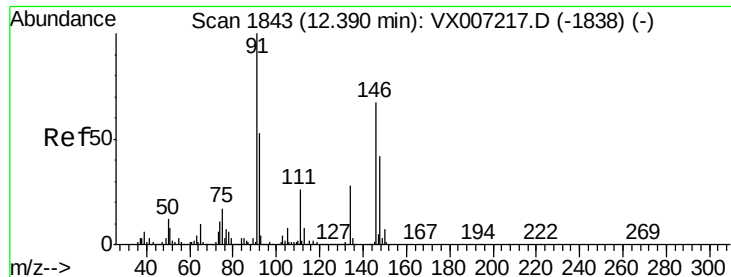
Tgt Ion: 117 Resp: 57117

Ion Ratio Lower Upper

117 100

201 87.7 41.6 124.8





#87

1,2-Dichlorobenzene

Concen: 19.821 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

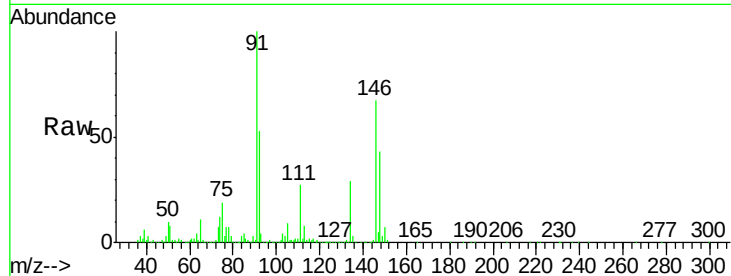
Tot Ion:146 Resp: 210714

Ion Ratio Lower Upper

146 100

111 38.3 19.3 57.9

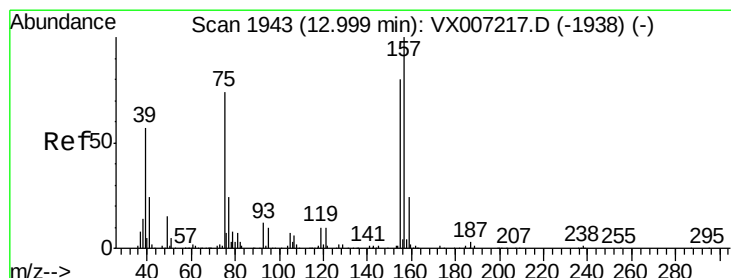
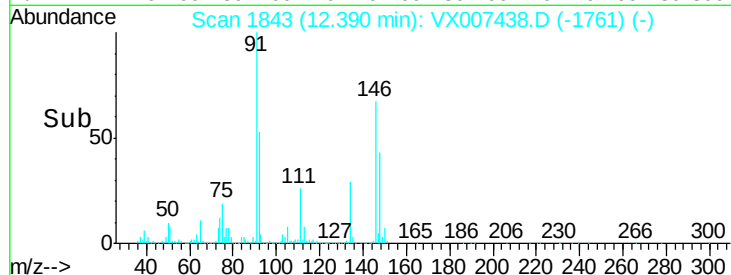
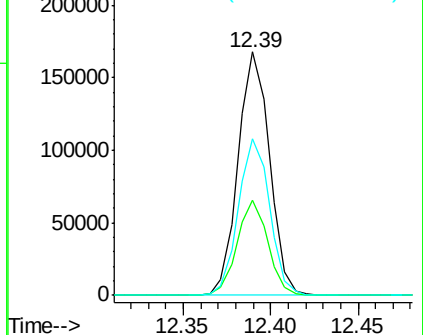
148 63.8 32.0 96.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.096 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

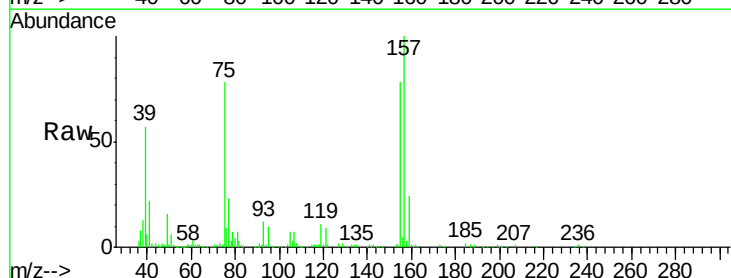
Tgt Ion: 75 Resp: 28457

Ion Ratio Lower Upper

75 100

155 101.5 82.8 124.2

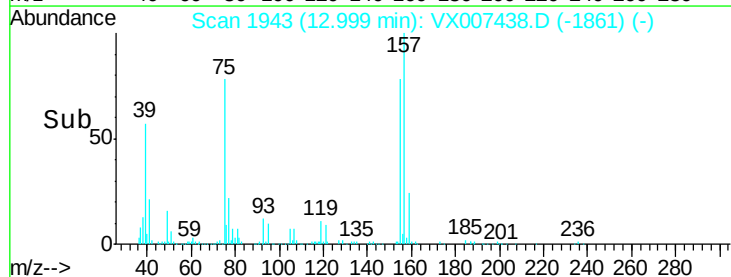
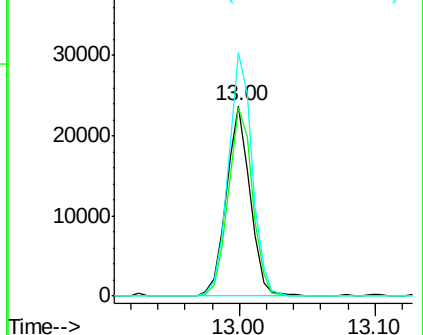
157 128.8 106.9 160.3

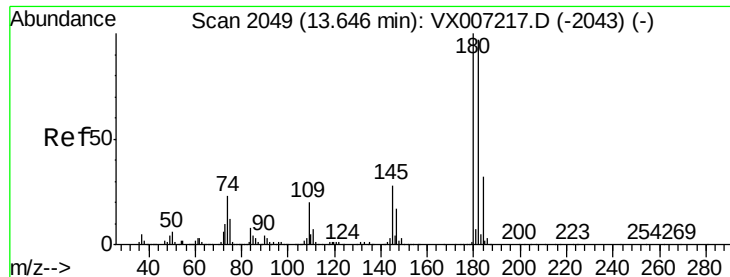


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

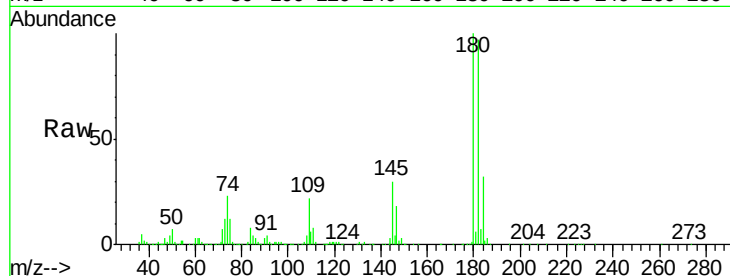




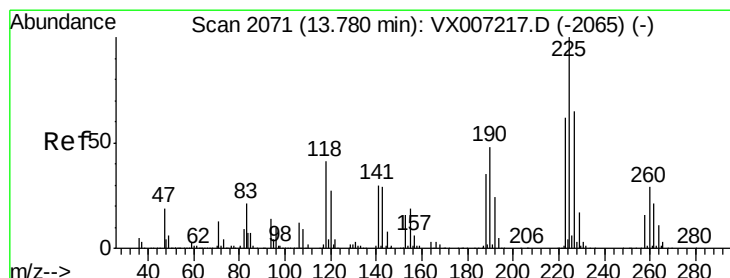
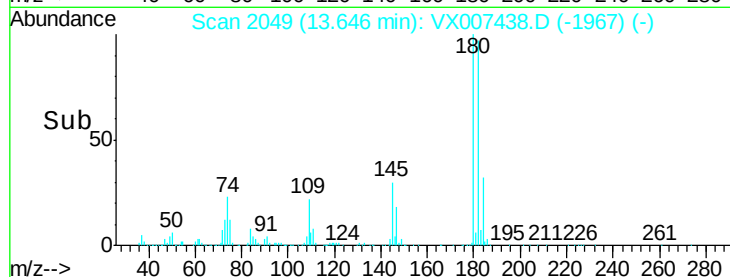
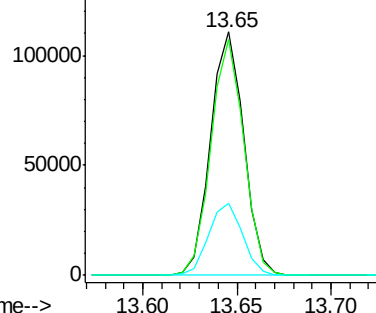
#89
 1,2,4-Trichlorobenzene
 Concen: 18.627 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.7	115.1
145	30.0	23.1	34.7

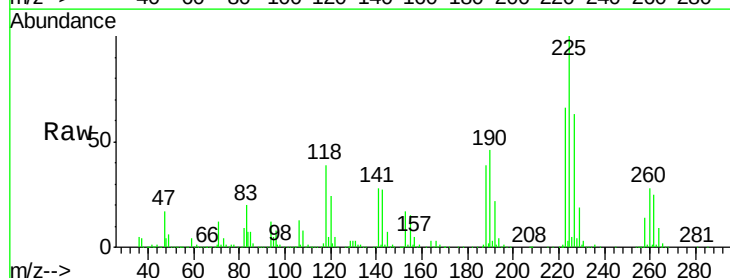


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

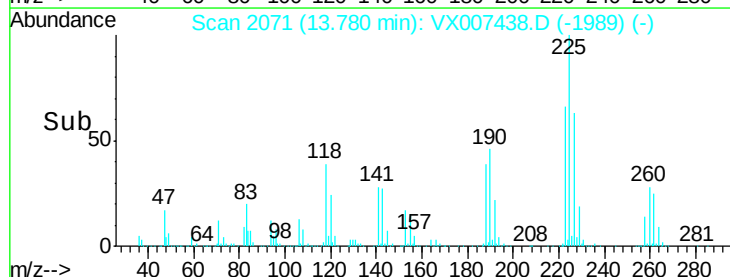
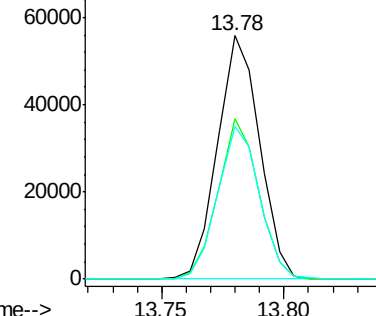


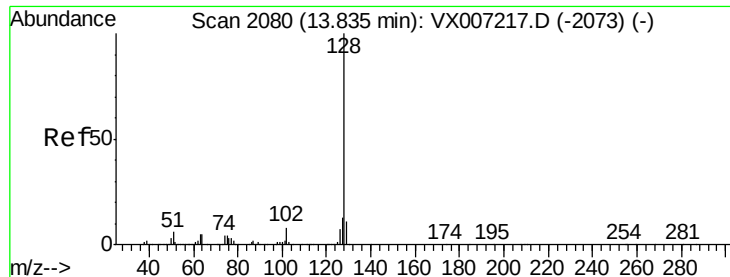
#90
 Hexachlorobutadiene
 Concen: 19.225 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	0.0	124.6
227	62.9	0.0	128.2



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 19.657 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

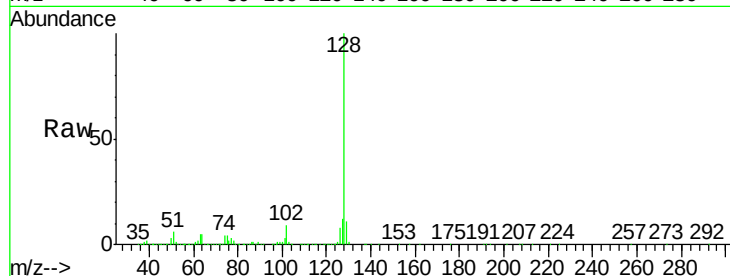
Tot Ion:128 Resp: 434249

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

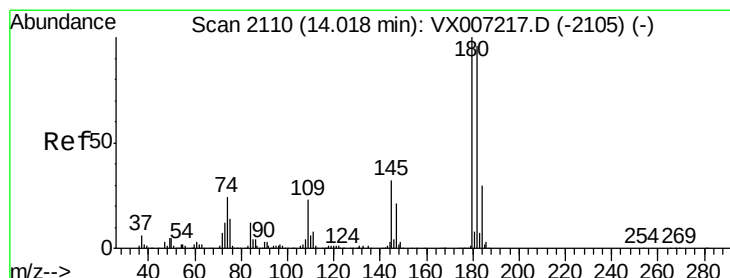
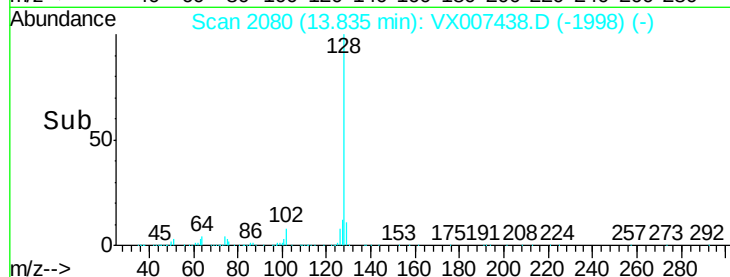
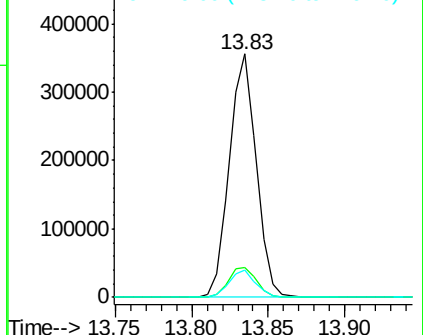
129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 19.039 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

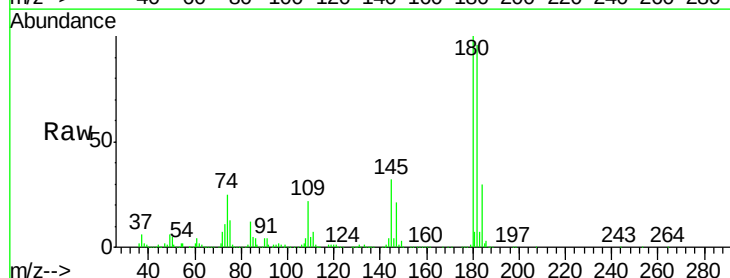
Tgt Ion:180 Resp: 137775

Ion Ratio Lower Upper

180 100

182 95.6 0.0 187.6

145 31.4 0.0 62.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

