

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001912.D
 Acq On : 22 May 2018 23:38
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 23 01:25:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	248879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	330247	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	282222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	190171	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	174871	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
35) Dibromofluoromethane	5.51	113	150922	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	
50) Toluene-d8	8.72	98	542960	54.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.80%	
62) 4-Bromofluorobenzene	11.14	95	180591	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	109452	43.82	ug/l	99
3) Chloromethane	1.32	50	135757	50.32	ug/l	98
4) Vinyl Chloride	1.40	62	139582	47.85	ug/l	98
5) Bromomethane	1.64	94	57098	46.28	ug/l	99
6) Chloroethane	1.72	64	93032	50.64	ug/l	99
7) Trichlorofluoromethane	1.93	101	207849	49.04	ug/l	99
8) Diethyl Ether	2.19	74	90111	51.65	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	121960	47.80	ug/l	99
10) Methyl Iodide	2.51	142	149233	63.57	ug/l	99
11) Tert butyl alcohol	3.09	59	182790	308.63	ug/l	99
12) 1,1-Dichloroethene	2.37	96	116178	47.23	ug/l	98
13) Acrolein	2.30	56	59087	140.67	ug/l	99
14) Allyl chloride	2.73	41	238421	52.44	ug/l	98
15) Acrylonitrile	3.15	53	431998	290.41	ug/l	99
16) Acetone	2.45	43	378062	288.54	ug/l	97
17) Carbon Disulfide	2.57	76	252582	39.36	ug/l	99
18) Methyl Acetate	2.78	43	252371	65.89	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	445501	53.73	ug/l	100
20) Methylene Chloride	2.86	84	141142	50.33	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	125404	46.28	ug/l	97
22) Diisopropyl ether	3.88	45	493753	56.61	ug/l	99
23) Vinyl Acetate	3.83	43	1667973	265.41	ug/l	99
24) 1,1-Dichloroethane	3.70	63	252443	52.77	ug/l	100
25) 2-Butanone	4.72	43	637260	317.68	ug/l	100
26) 2,2-Dichloropropane	4.59	77	146238	37.97	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	160951	52.20	ug/l	99
28) Bromochloromethane	5.03	49	134745	63.41	ug/l	99
29) Tetrahydrofuran	5.18	42	412747	315.66	ug/l	98
30) Chloroform	5.22	83	276817	55.09	ug/l	100
31) Cyclohexane	5.58	56	207075	49.38	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	234523	54.01	ug/l	99
36) 1,1-Dichloropropene	5.80	75	187391	49.29	ug/l	100
37) Ethyl Acetate	4.87	43	237371	59.91	ug/l	99
38) Carbon Tetrachloride	5.79	117	208634	52.39	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	210048	47.29	ug/l	98
40) Benzene	6.15	78	592174	52.87	ug/l	99
41) Methacrylonitrile	5.07	41	137659	60.08	ug/l	97
42) 1,2-Dichloroethane	6.20	62	220338	54.39	ug/l	100
43) Isopropyl Acetate	6.48	43	364459	58.78	ug/l	99
44) Trichloroethene	7.22	130	175473	50.47	ug/l	98
45) 1,2-Dichloropropane	7.52	63	155773	56.68	ug/l	99
46) Dibromomethane	7.67	93	104814	54.31	ug/l	100
47) Bromodichloromethane	7.90	83	207370	57.90	ug/l	98
48) Methyl methacrylate	7.79	41	199713	61.19	ug/l	99
49) 1,4-Dioxane	7.76	88	84440	1343.65	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1272995	323.94	ug/l	99
52) Toluene	8.79	92	382272	53.11	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	229583	54.48	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	203894	54.89	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	148916	54.13	ug/l	98
56) Ethyl methacrylate	9.19	69	225247	57.73	ug/l	99
57) 1,3-Dichloropropane	9.38	76	239489	51.99	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	602175	300.05	ug/l	100
59) 2-Hexanone	9.51	43	859413	305.51	ug/l	99
60) Dibromochloromethane	9.59	129	157274	55.83	ug/l	99
61) 1,2-Dibromoethane	9.68	107	153753	53.38	ug/l	99
64) Tetrachloroethene	9.34	164	180137	49.03	ug/l	99
65) Chlorobenzene	10.15	112	395598	50.96	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	152741	55.71	ug/l	99
67) Ethyl Benzene	10.26	91	644508	51.95	ug/l	100
68) m/p-Xylenes	10.37	106	510959	104.38	ug/l	99
69) o-Xylene	10.71	106	250875	53.52	ug/l	99
70) Styrene	10.72	104	420943	54.45	ug/l	100
71) Bromoform	10.87	173	132961	51.98	ug/l	100
73) Isopropylbenzene	11.02	105	675831	53.96	ug/l	100
74) N-amyl acetate	6.48	43	364459	60.70	ug/l #	100
75) 1,1,1,2-Tetrachloroethane	11.27	83	216731	57.69	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	247677	68.49	ug/l	89
77) Bromobenzene	11.26	156	194343	52.81	ug/l	100
78) n-propylbenzene	11.37	91	747891	53.01	ug/l	99
79) 2-Chlorotoluene	11.43	91	447442	53.02	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	557358	54.25	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	53386	44.39	ug/l	95
82) 4-Chlorotoluene	11.52	91	522801	52.59	ug/l	99
83) tert-Butylbenzene	11.77	119	557000	54.48	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	581012	54.61	ug/l	100
85) sec-Butylbenzene	11.95	105	679984	53.88	ug/l	100
86) p-Isopropyltoluene	12.07	119	624854	53.50	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	349013	51.28	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	352242	50.05	ug/l	99
89) n-Butylbenzene	12.40	91	507190	50.21	ug/l	100
90) Hexachloroethane	12.60	117	104427	57.57	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	354614	52.30	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49851	62.17	ug/l	99

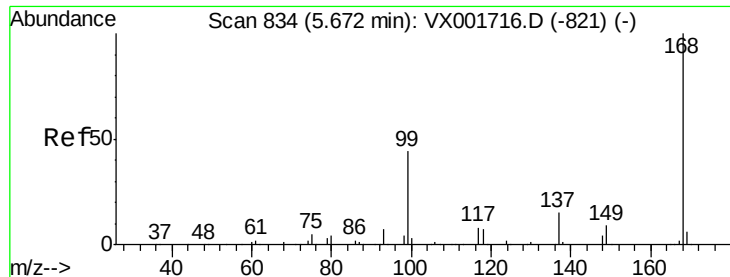
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	270338	50.01	ug/l	100
94) Hexachlorobutadiene	13.79	225	144077	49.65	ug/l	99
95) Naphthalene	13.84	128	799440	56.90	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	283435	52.08	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

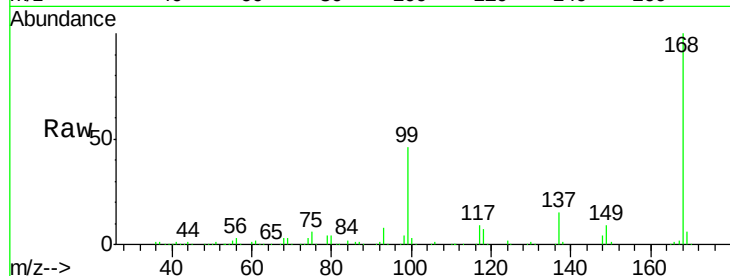
ClientSampleId :

Tot Ion:168 Resp: 248879

Ion Ratio Lower Upper

168 100

99 45.9 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

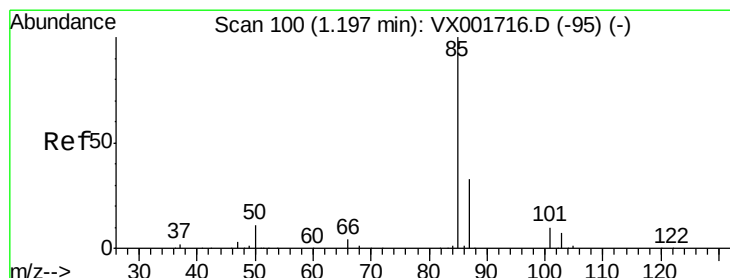
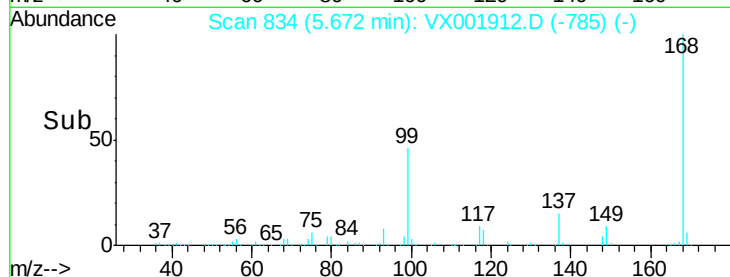
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.82 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001912.D

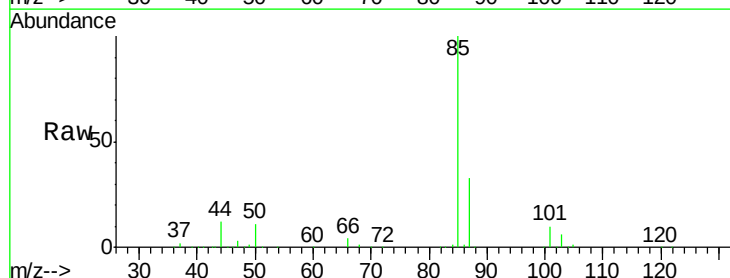
Acq: 22 May 2018 23:38

Tgt Ion: 85 Resp: 109452

Ion Ratio Lower Upper

85 100

87 33.4 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

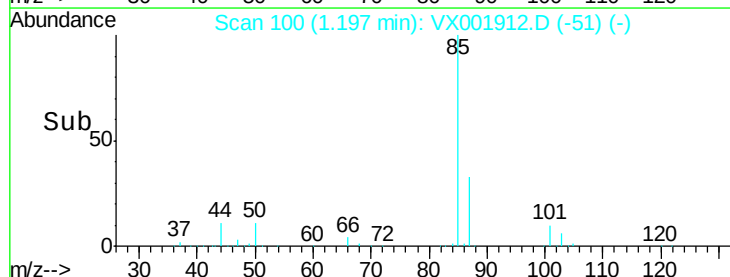
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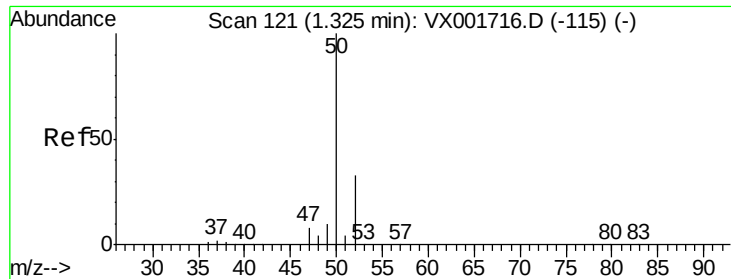
40000

20000

0

Time-->





#3

Chloromethane

Concen: 50.32 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

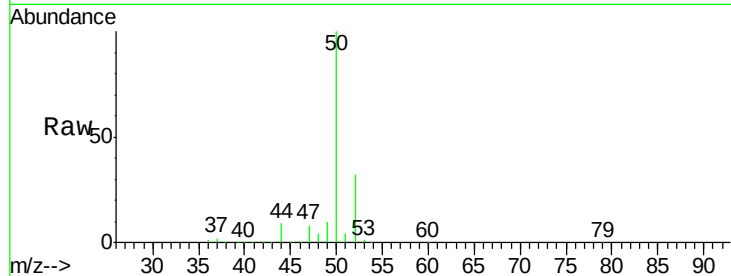
ClientSampled :

Tot Ion: 50 Resp: 135757

Ion Ratio Lower Upper

50 100

52 31.9 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

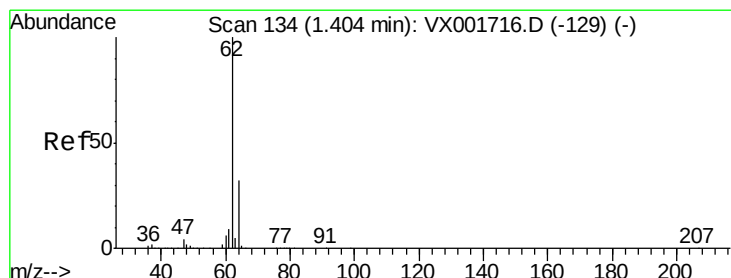
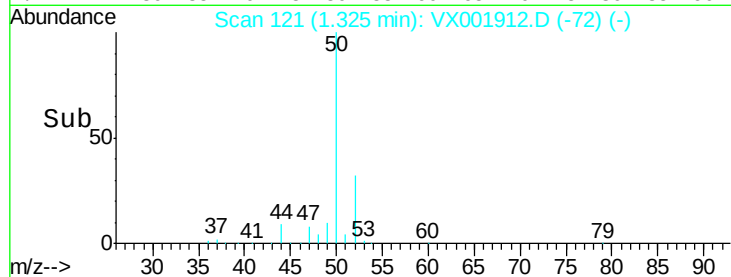
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 47.85 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001912.D

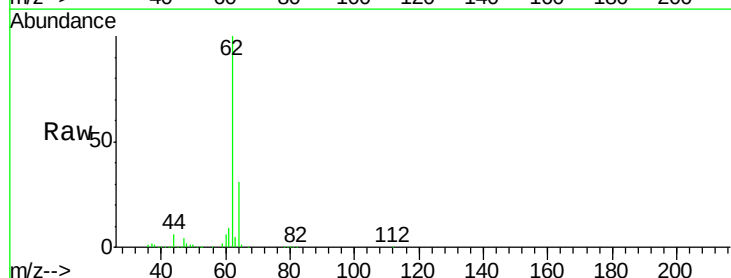
Acq: 22 May 2018 23:38

Tgt Ion: 62 Resp: 139582

Ion Ratio Lower Upper

62 100

64 30.8 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

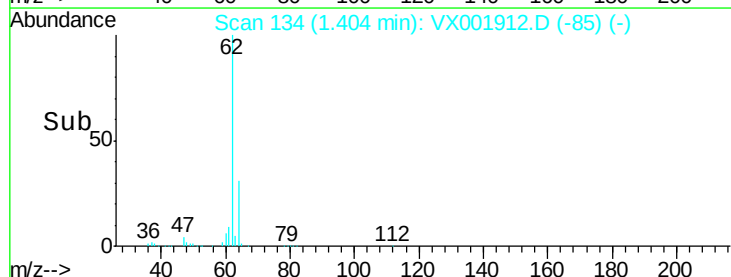
150000

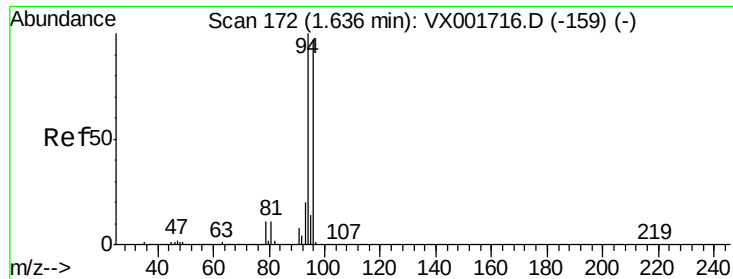
100000

50000

0

Time-->





#5

Bromomethane

Concen: 46.28 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

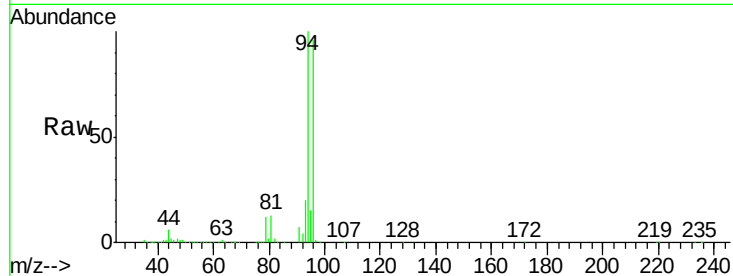
ClientSampled :

Tot Ion: 94 Resp: 57098

Ion Ratio Lower Upper

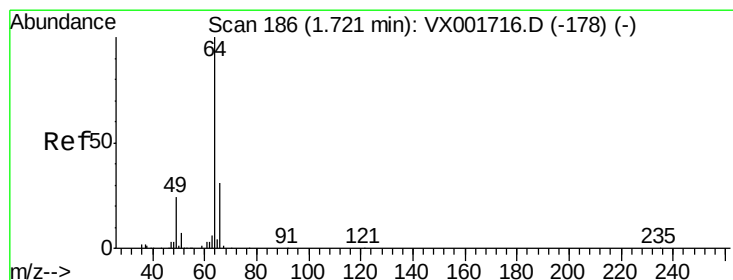
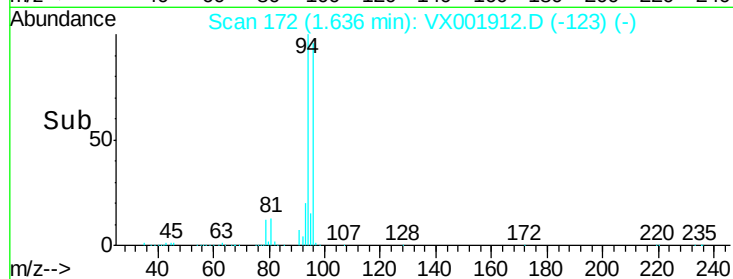
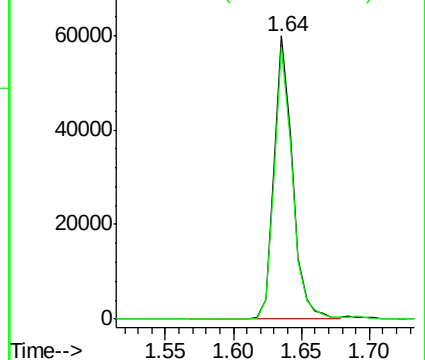
94 100

96 96.1 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.64 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001912.D

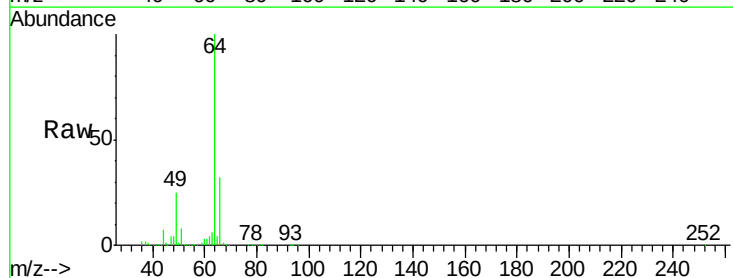
Acq: 22 May 2018 23:38

Tgt Ion: 64 Resp: 93032

Ion Ratio Lower Upper

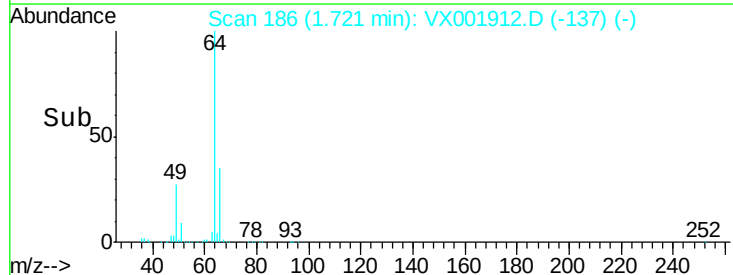
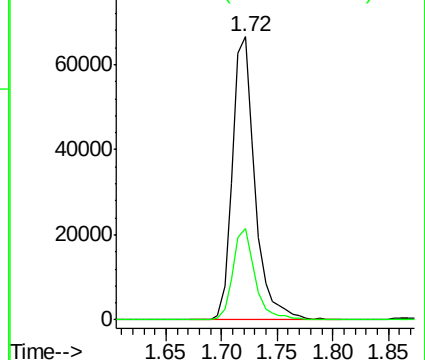
64 100

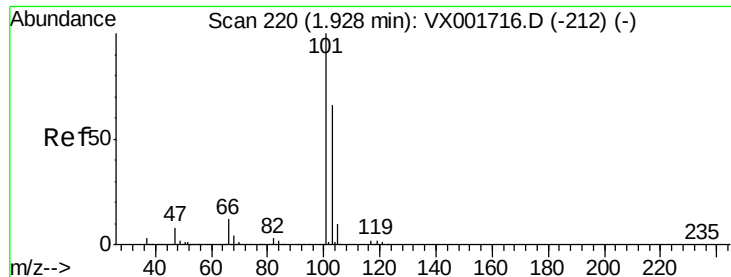
66 32.2 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



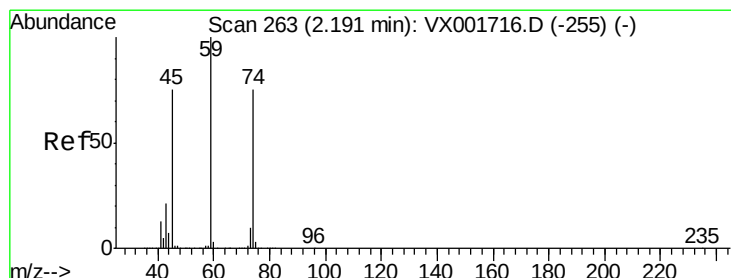
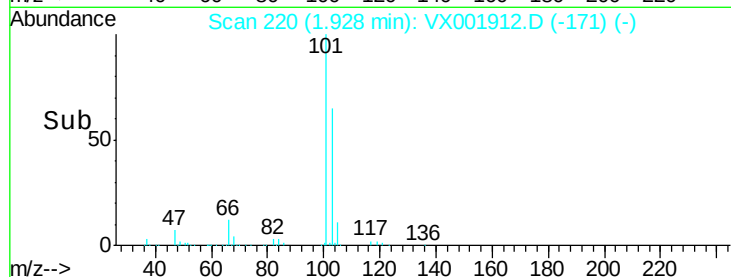
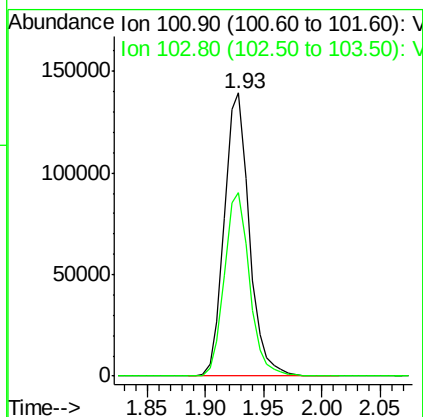
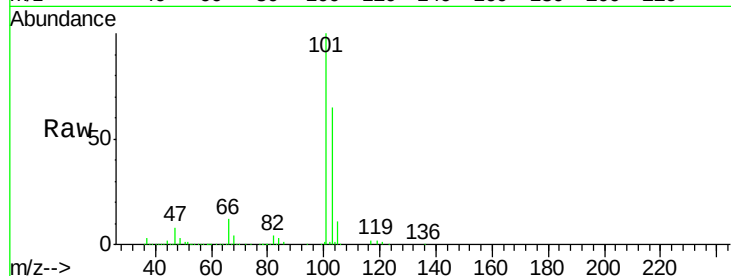


#7

Trichlorofluoromethane
 Concen: 49.04 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

Instrument :
 MSVOA_X
 ClientSampled :

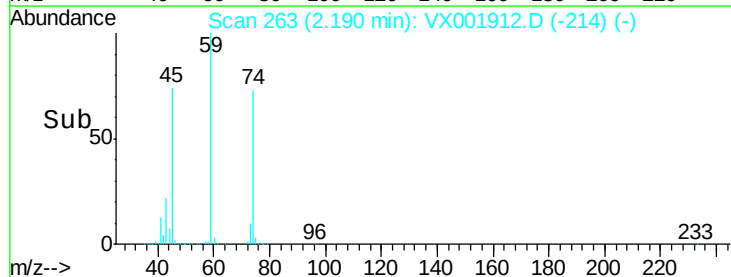
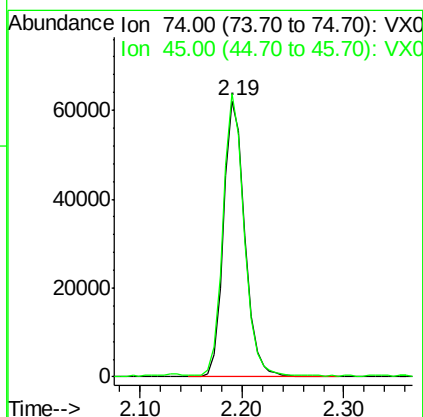
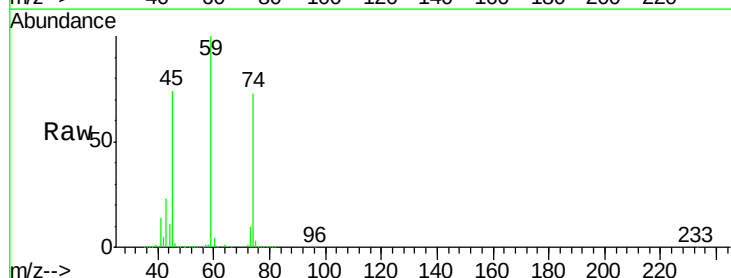
Tot Ion:101 Resp: 207849
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.6 78.8

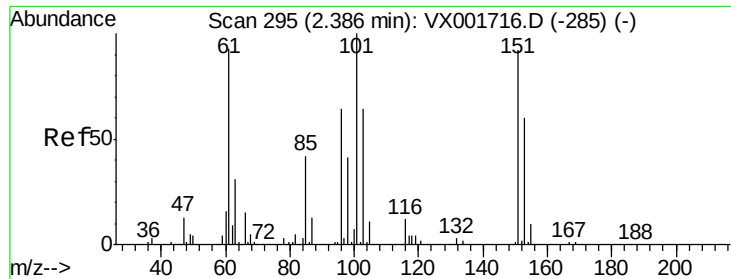


#8

Diethyl Ether
 Concen: 51.65 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

Tgt Ion: 74 Resp: 90111
 Ion Ratio Lower Upper
 74 100
 45 101.1 50.0 149.8

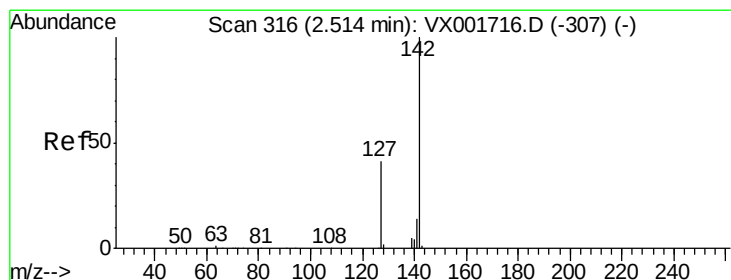
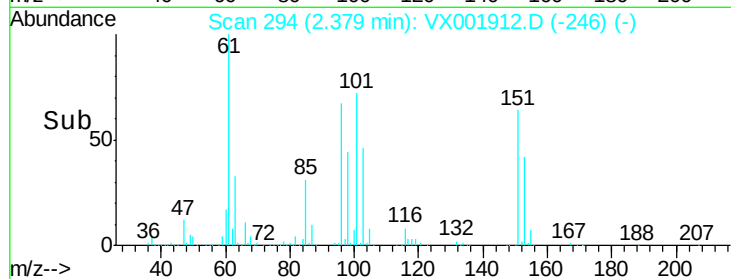
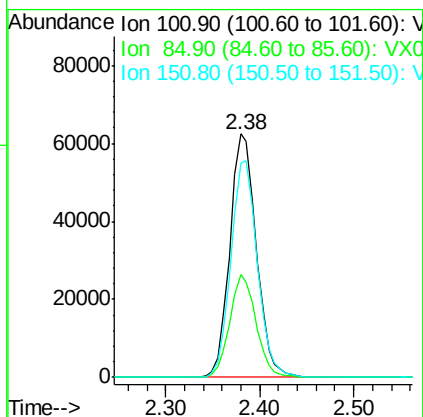
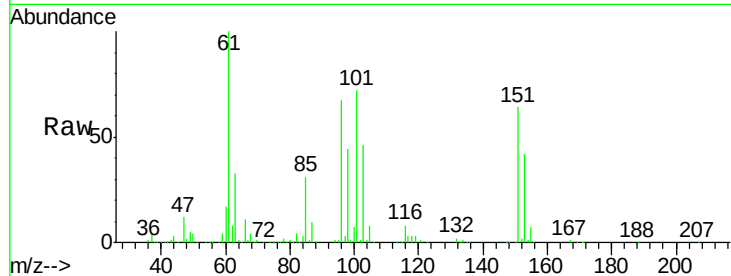




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.80 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

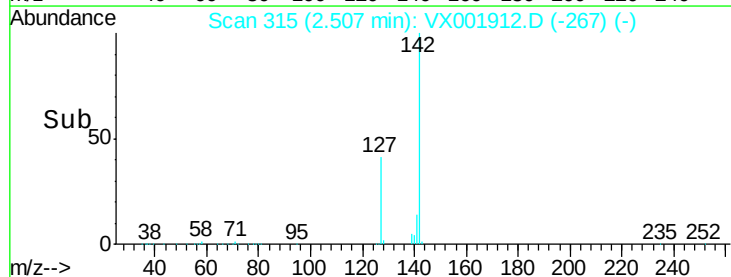
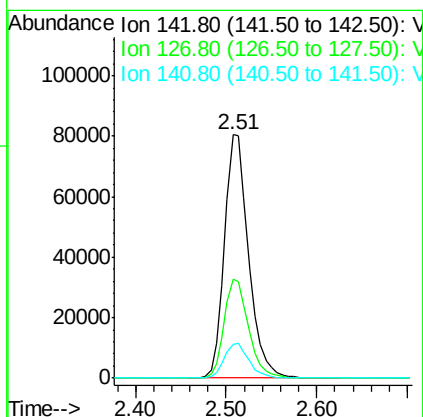
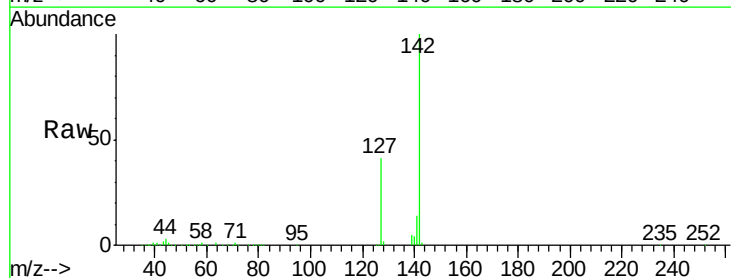
Instrument :
 MSVOA_X
 ClientSampled :

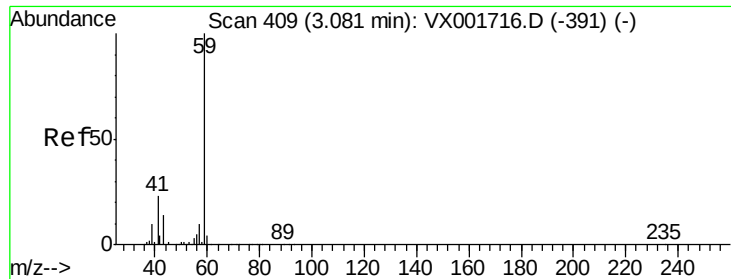
Tot Ion:101 Resp: 121960
 Ion Ratio Lower Upper
 101 100
 85 42.0 33.7 50.5
 151 89.3 73.0 109.6



#10
 Methyl Iodide
 Concen: 63.57 ug/l
 RT: 2.51 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

Tgt Ion:142 Resp: 149233
 Ion Ratio Lower Upper
 142 100
 127 41.3 32.5 48.7
 141 14.4 11.4 17.0



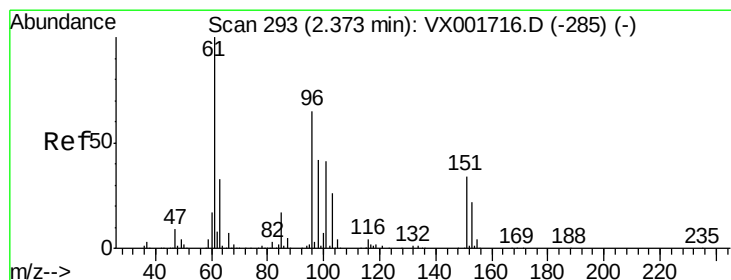
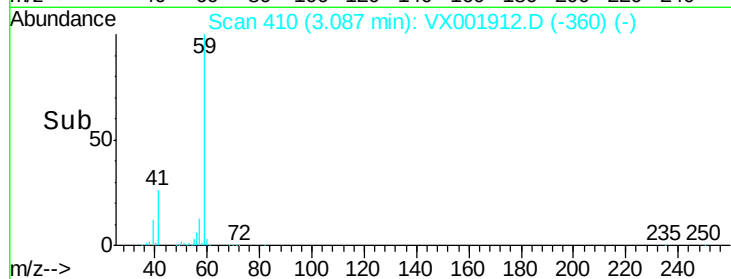
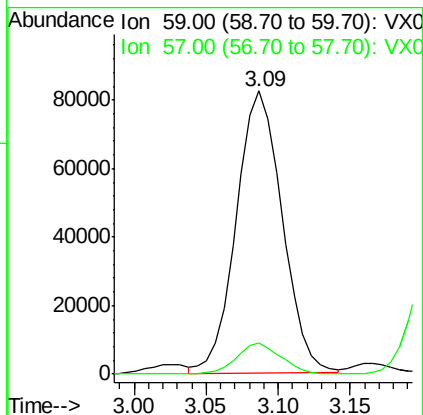
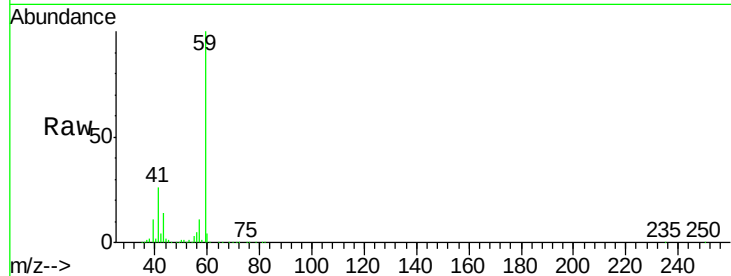


#11

Tert butyl alcohol
 Concen: 308.63 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

Instrument :
 MSVOA_X
 ClientSampleId :

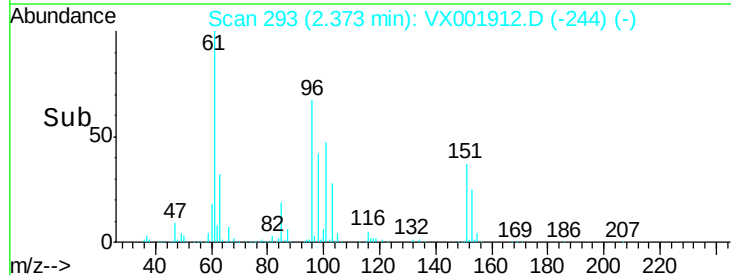
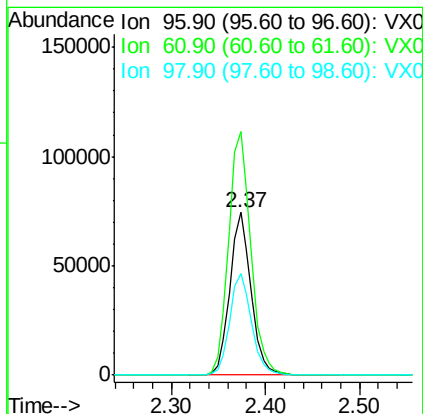
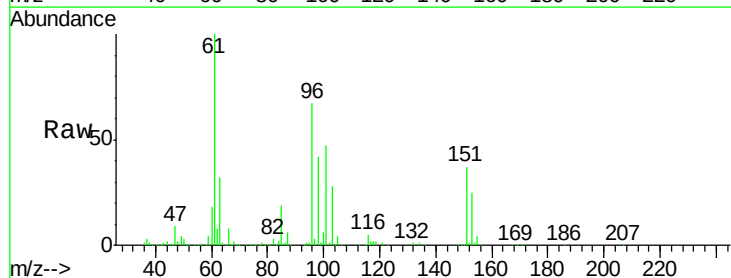
Tot Ion: 59 Resp: 182790
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.5 12.7

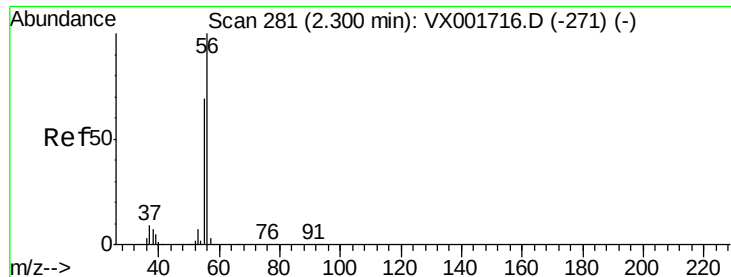


#12

1,1-Dichloroethene
 Concen: 47.23 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

Tgt Ion: 96 Resp: 116178
 Ion Ratio Lower Upper
 96 100
 61 149.8 122.2 183.2
 98 62.5 51.4 77.0





#13

Acrolein

Concen: 140.67 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

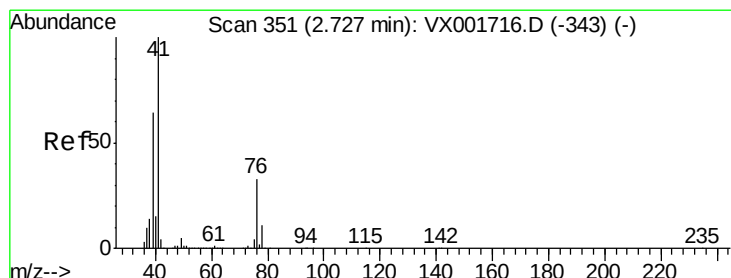
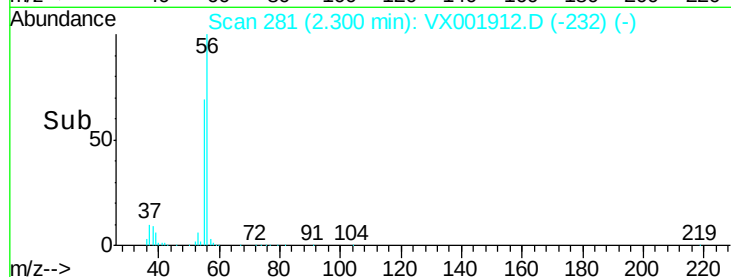
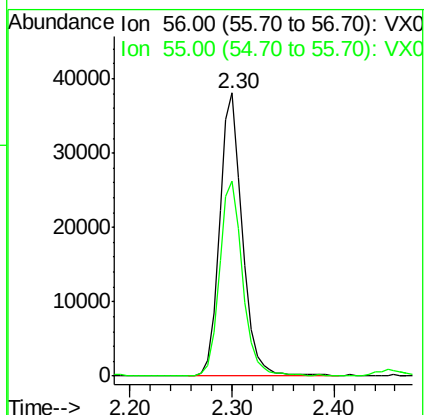
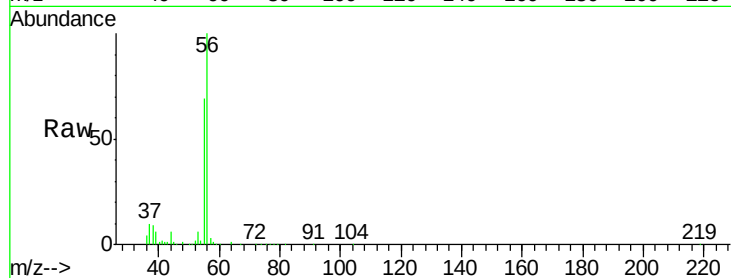
ClientSampleId :

Tot Ion: 56 Resp: 59087

Ion Ratio Lower Upper

56 100

55 70.6 56.2 84.2



#14

Allyl chloride

Concen: 52.44 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

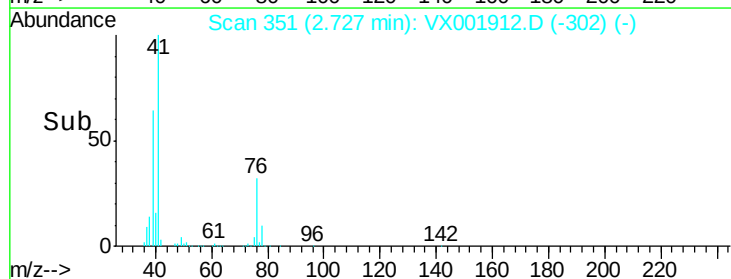
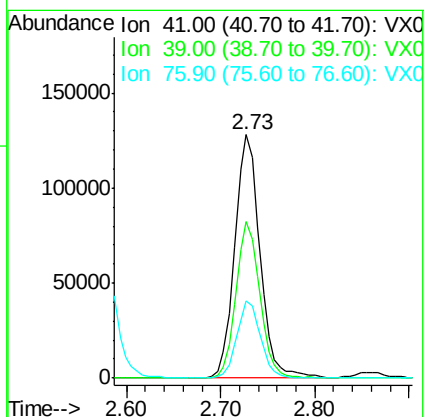
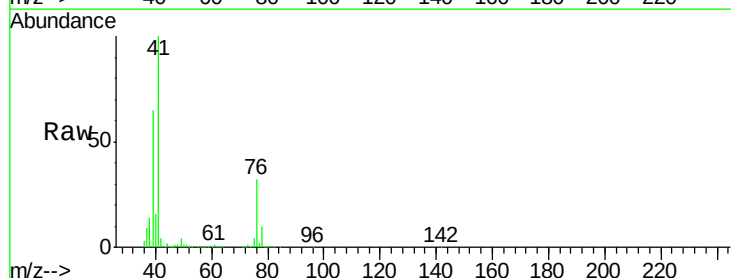
Tgt Ion: 41 Resp: 238421

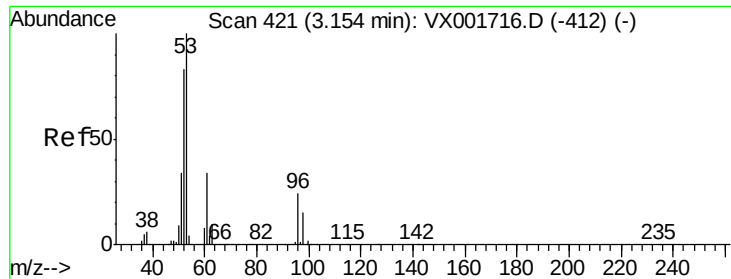
Ion Ratio Lower Upper

41 100

39 61.1 49.8 74.6

76 29.8 25.8 38.8





#15

Acrylonitrile

Concen: 290.41 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :
MSVOA_X
ClientSampled :

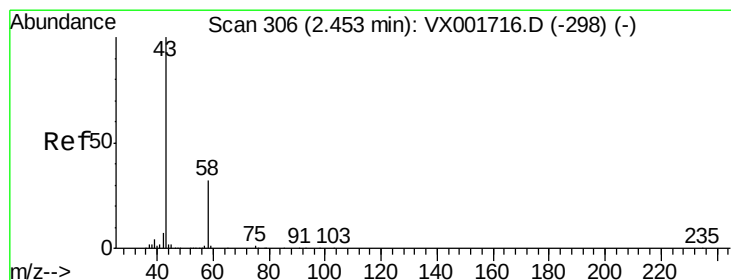
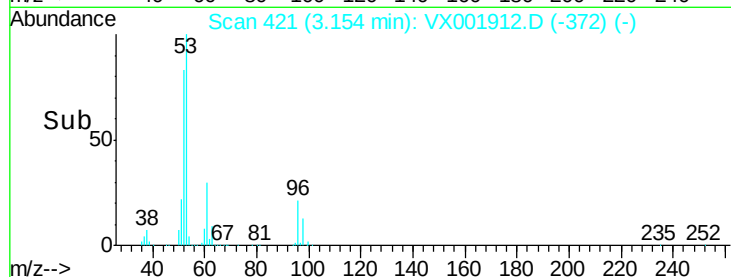
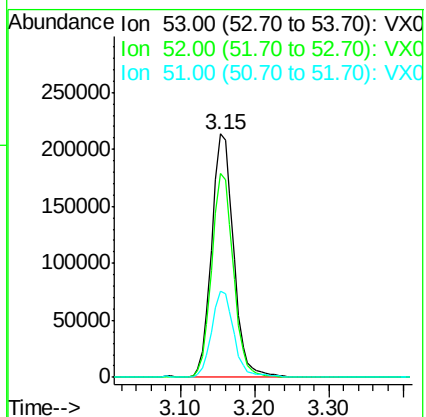
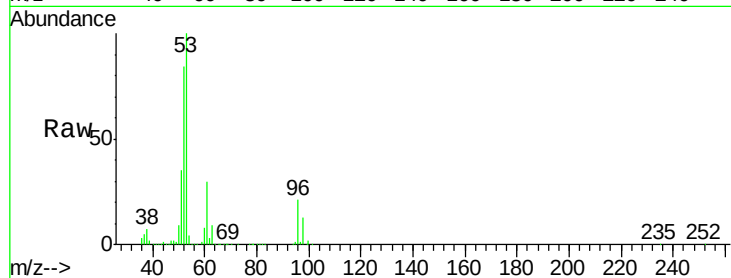
Tot Ion: 53 Resp: 431998

Ion Ratio Lower Upper

53 100

52 82.7 65.6 98.4

51 36.0 28.1 42.1



#16

Acetone

Concen: 288.54 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001912.D

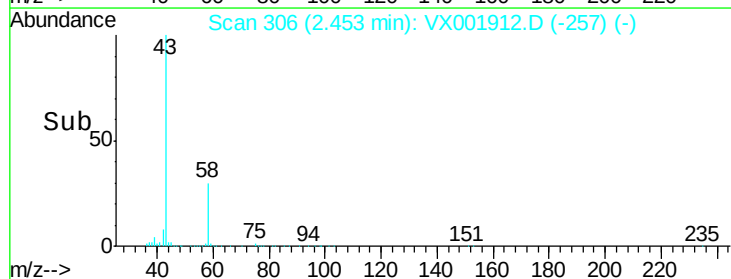
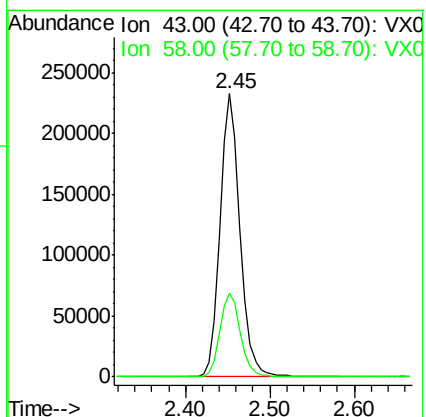
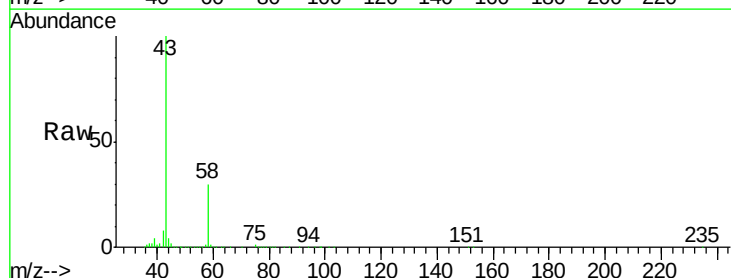
Acq: 22 May 2018 23:38

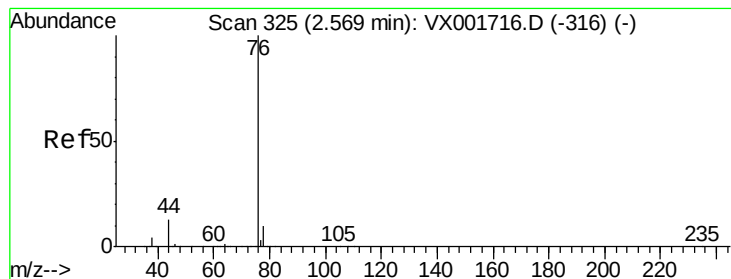
Tgt Ion: 43 Resp: 378062

Ion Ratio Lower Upper

43 100

58 29.8 25.3 37.9





#17

Carbon Disulfide

Concen: 39.36 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

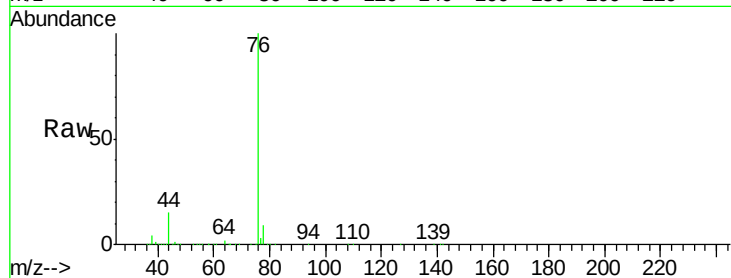
ClientSampleId :

Tot Ion: 76 Resp: 252582

Ion Ratio Lower Upper

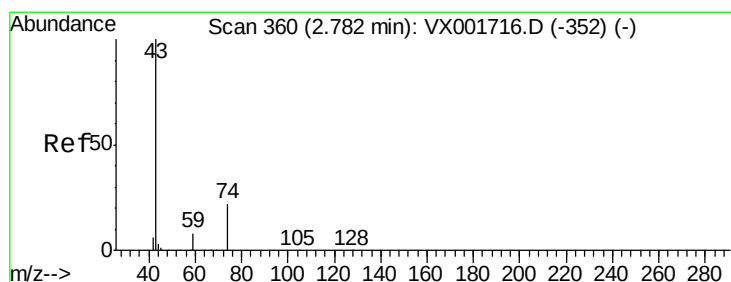
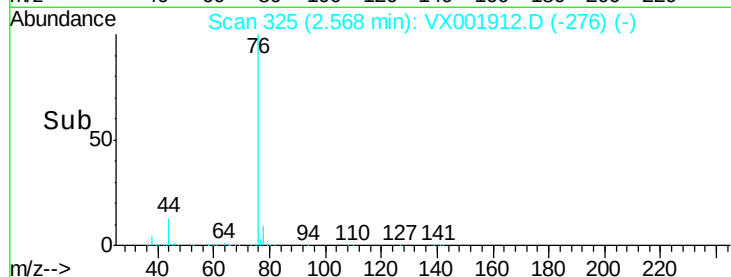
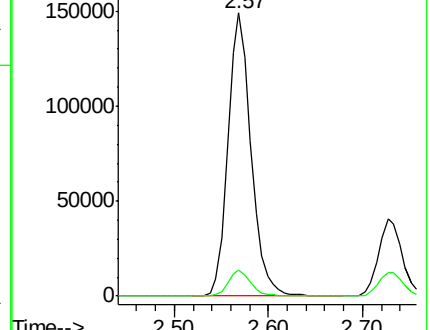
76 100

78 9.1 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 65.89 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX001912.D

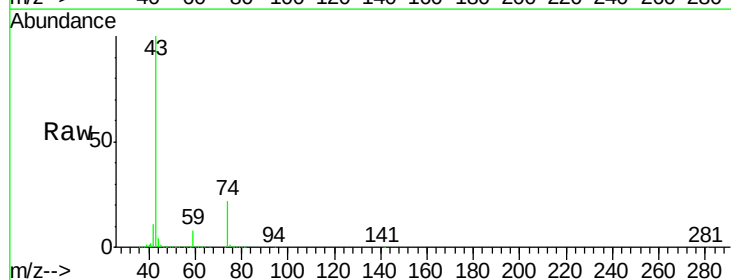
Acq: 22 May 2018 23:38

Tgt Ion: 43 Resp: 252371

Ion Ratio Lower Upper

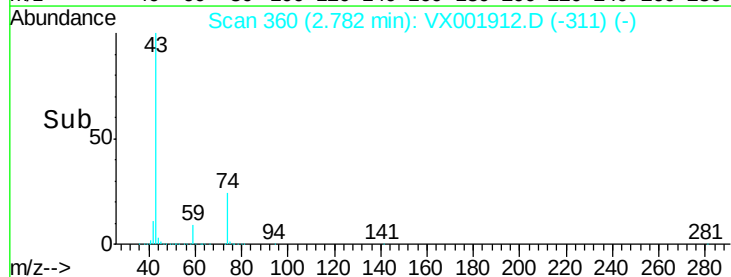
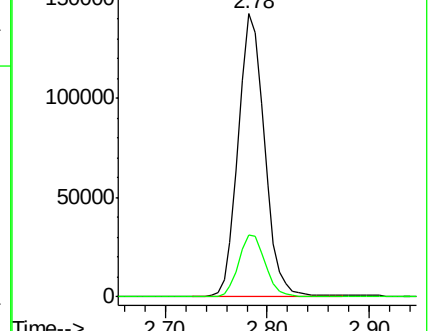
43 100

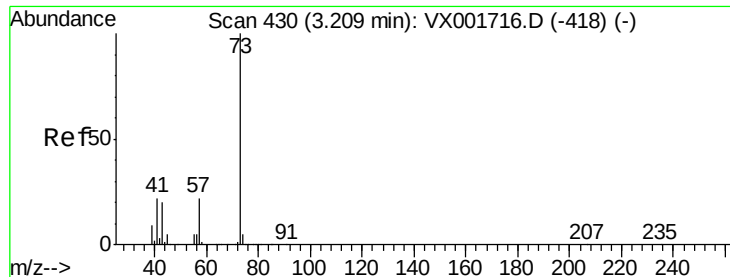
74 22.2 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 53.73 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.01 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

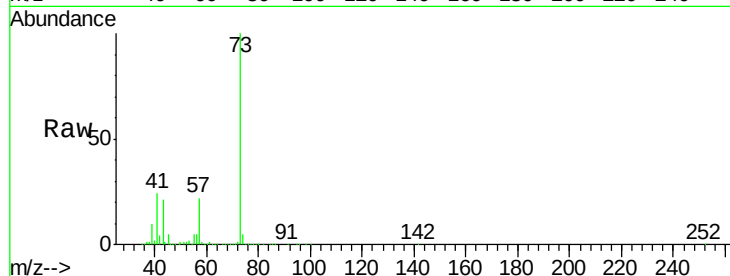
ClientSampleId :

Tot Ion: 73 Resp: 445501

Ion Ratio Lower Upper

73 100

57 21.9 17.5 26.3



Abundance Ion 73.00 (72.70 to 73.70): VX001716.D (-418) (-)

Ion 57.00 (56.70 to 57.70): VX001716.D (-418) (-)

3.21

200000

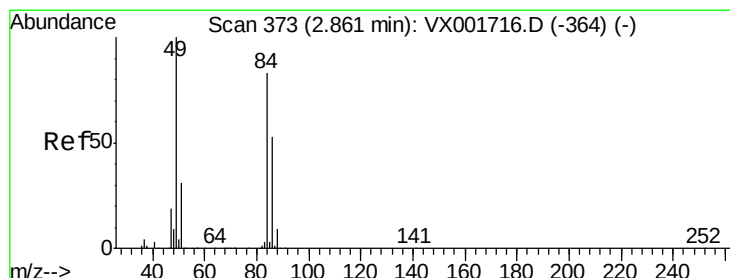
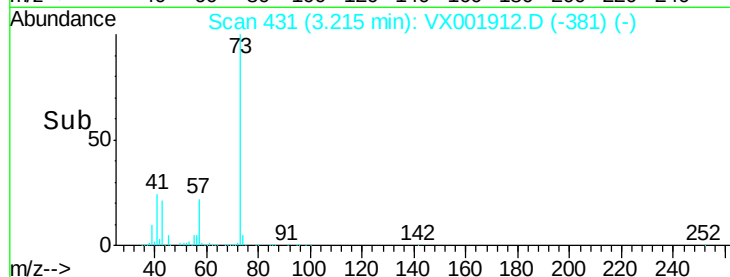
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 50.33 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Tgt Ion: 84 Resp: 141142

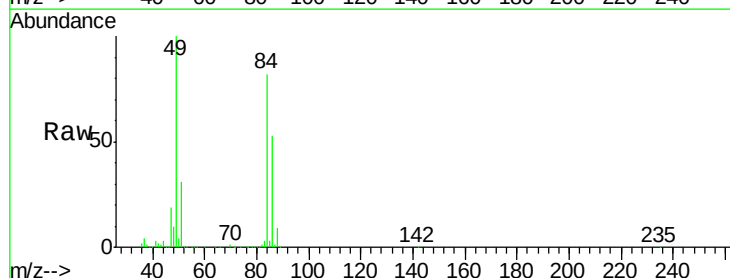
Ion Ratio Lower Upper

84 100

49 122.1 96.3 144.5

51 38.3 29.8 44.6

86 65.3 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VX001716.D (-364) (-)

Ion 48.90 (48.60 to 49.60): VX001716.D (-364) (-)

Ion 50.90 (50.60 to 51.60): VX001716.D (-364) (-)

Ion 85.90 (85.60 to 86.60): VX001716.D (-364) (-)

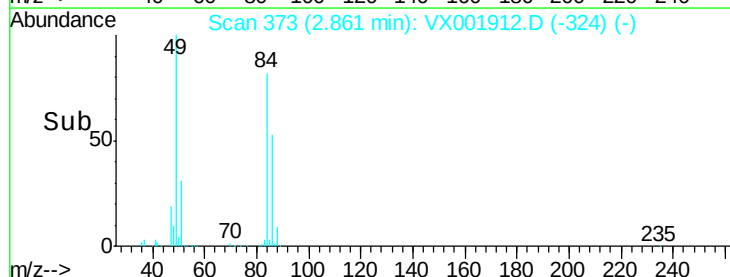
2.86

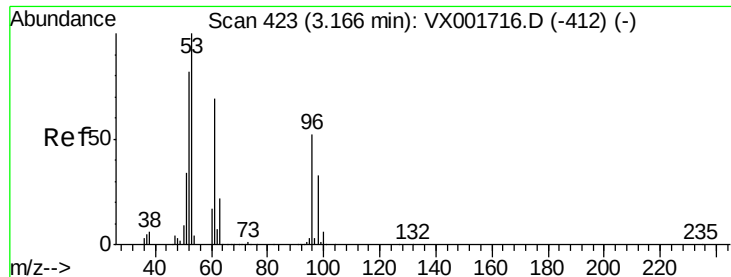
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 46.28 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

ClientSampled :

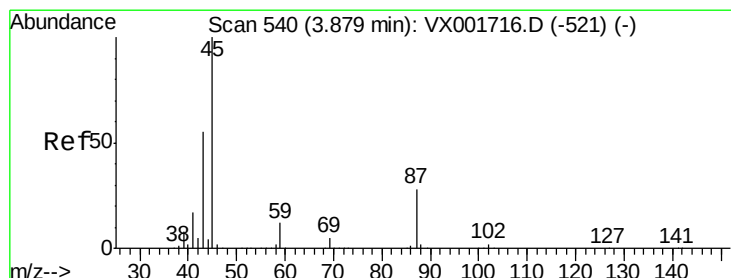
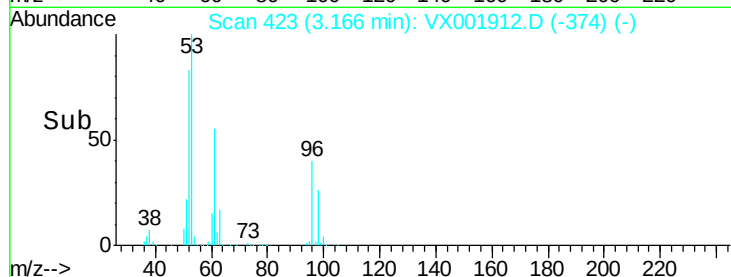
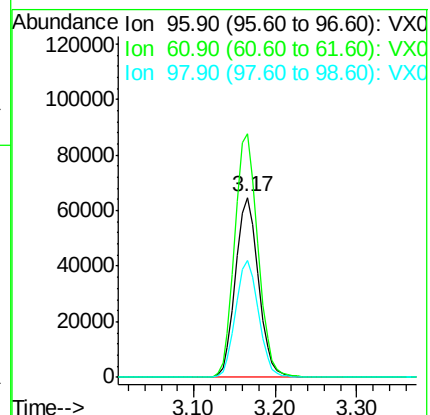
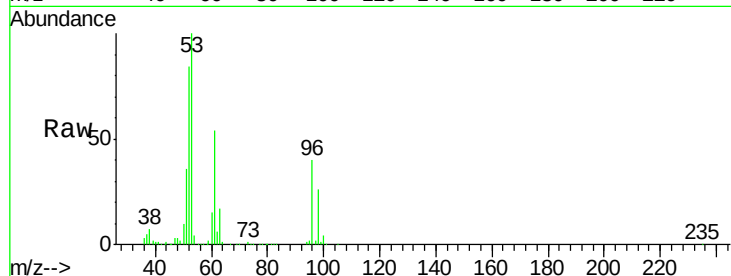
Tot Ion: 96 Resp: 125404

Ion Ratio Lower Upper

96 100

61 135.1 105.8 158.8

98 65.3 50.2 75.4



#22

Diisopropyl ether

Concen: 56.61 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Tgt Ion: 45 Resp: 493753

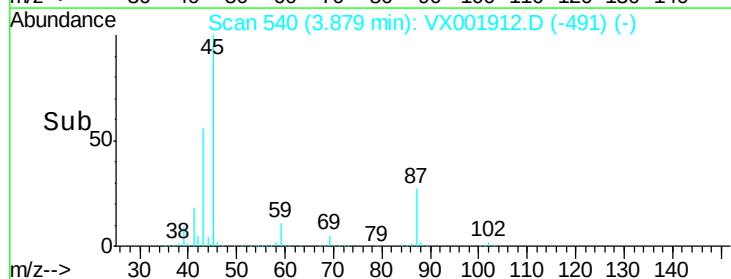
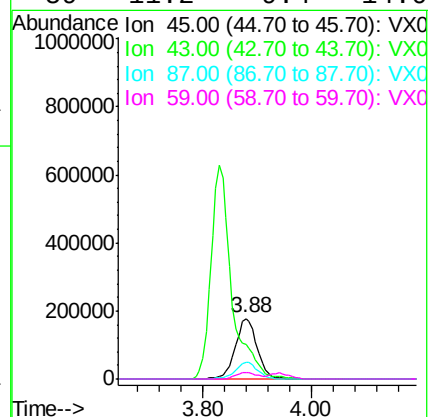
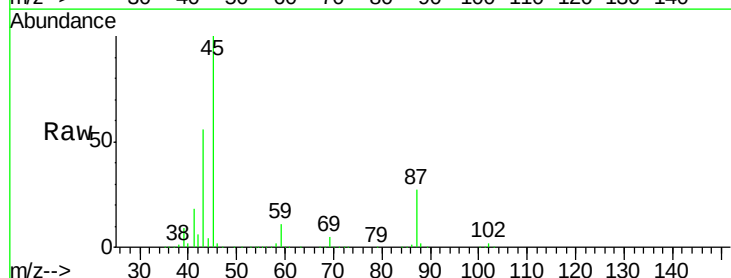
Ion Ratio Lower Upper

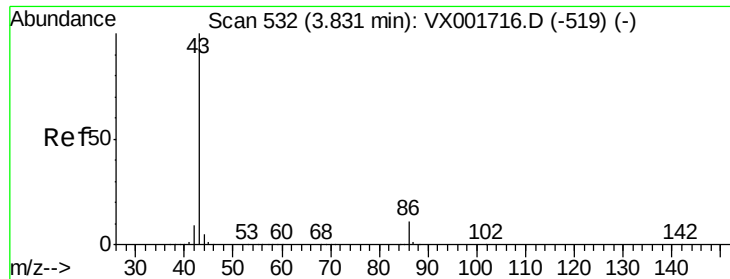
45 100

43 56.1 44.3 66.5

87 27.4 22.6 33.8

59 11.2 9.4 14.0





#23

Vinyl Acetate

Concen: 265.41 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

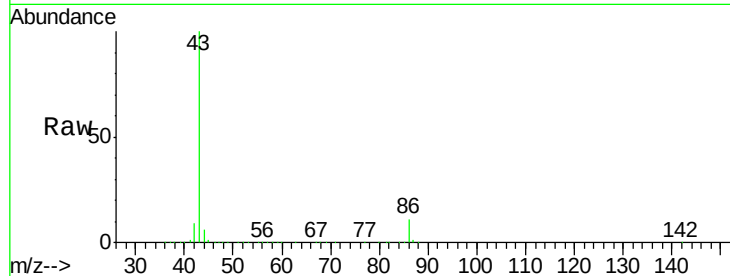
ClientSampleId :

Tot Ion: 43 Resp: 1667973

Ion Ratio Lower Upper

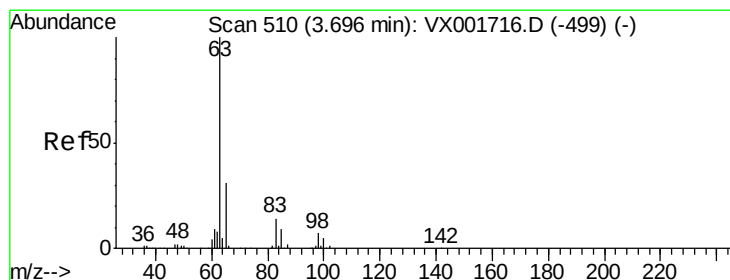
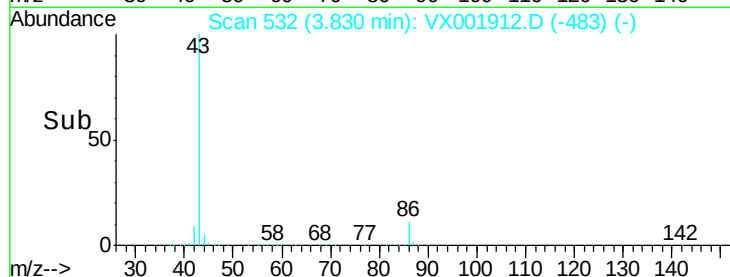
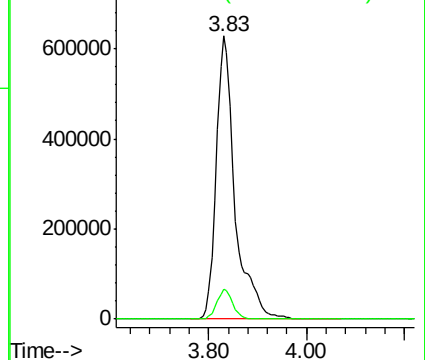
43 100

86 10.6 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.77 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

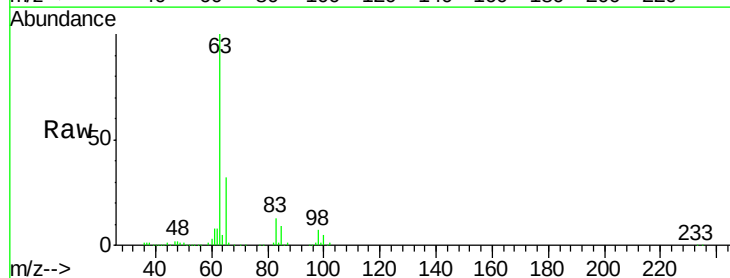
Tgt Ion: 63 Resp: 252443

Ion Ratio Lower Upper

63 100

98 7.3 3.7 11.1

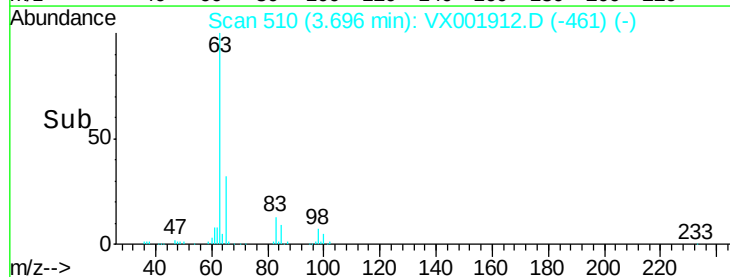
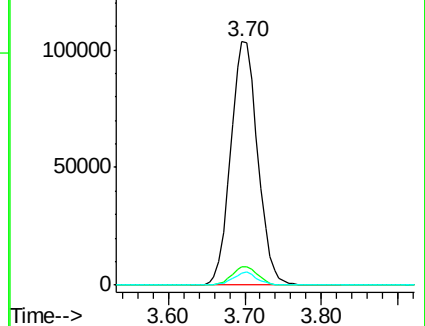
100 4.7 2.4 7.2

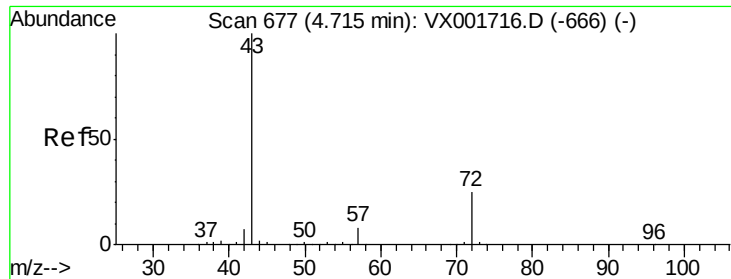


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 317.68 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

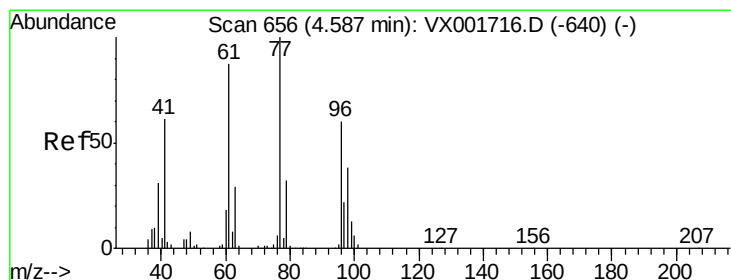
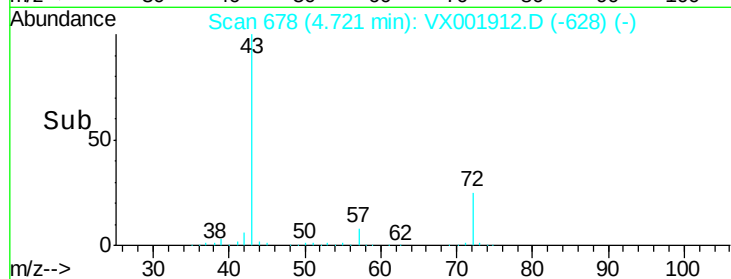
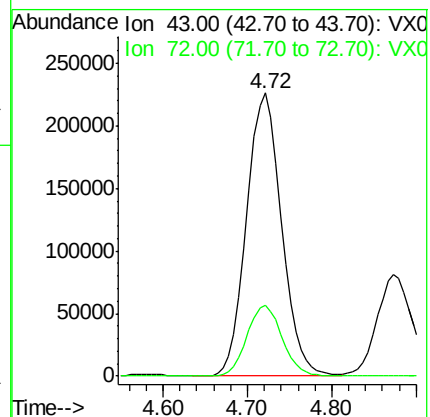
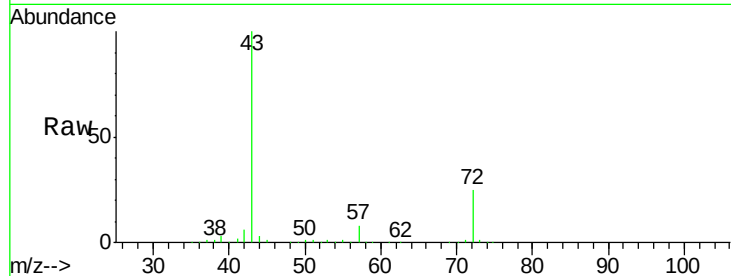
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 637260

Ion Ratio Lower Upper

43 100

72 24.8 19.8 29.6



#26

2,2-Dichloropropane

Concen: 37.97 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001912.D

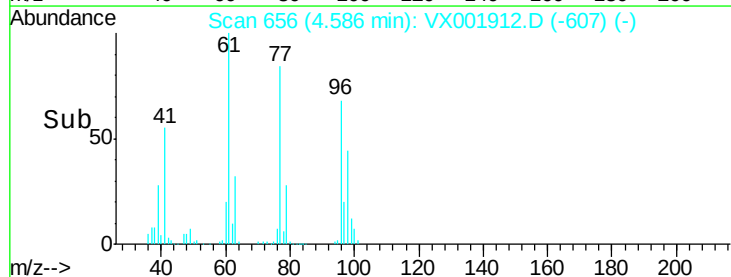
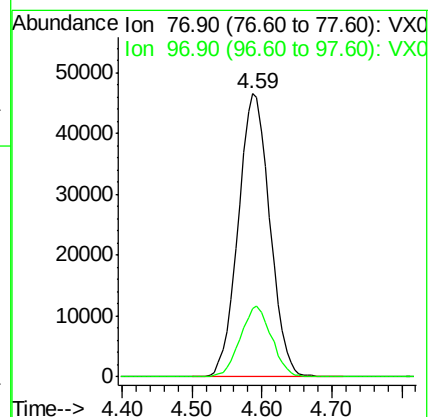
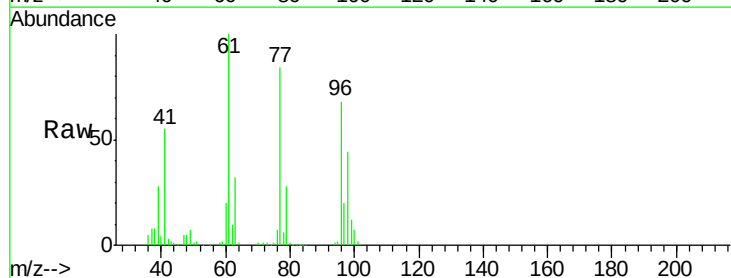
Acq: 22 May 2018 23:38

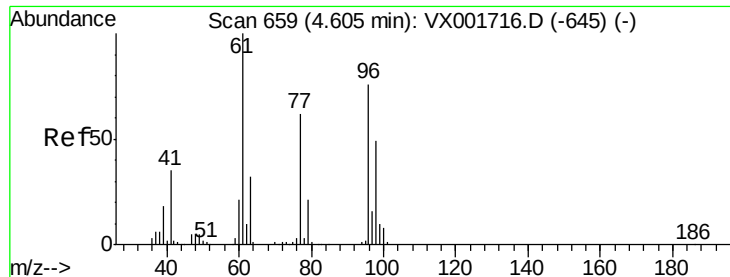
Tgt Ion: 77 Resp: 146238

Ion Ratio Lower Upper

77 100

97 24.8 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 52.20 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

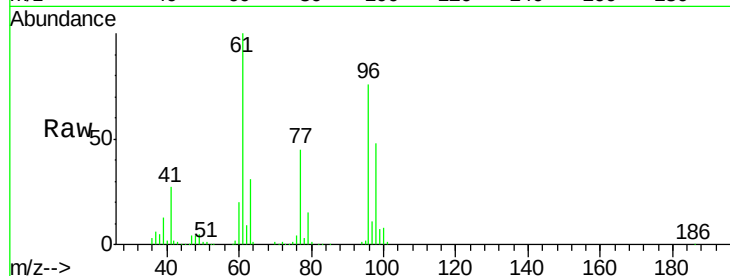
Tot Ion: 96 Resp: 160951

Ion Ratio Lower Upper

96 100

61 138.6 0.0 280.4

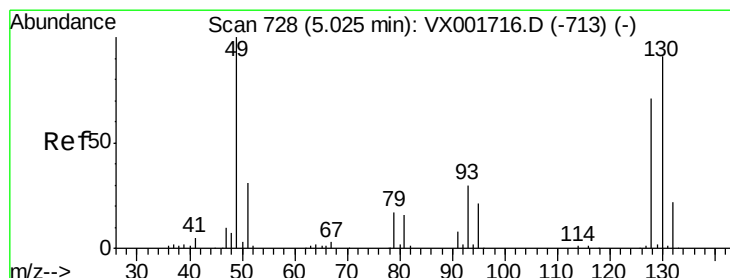
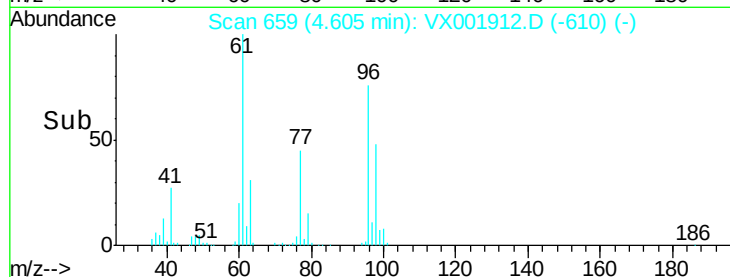
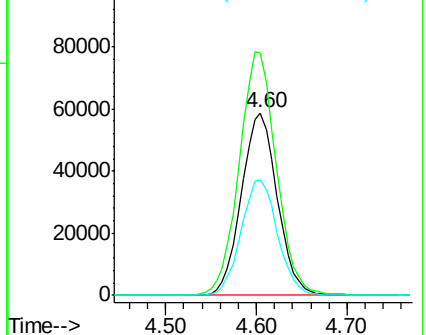
98 64.3 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 63.41 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

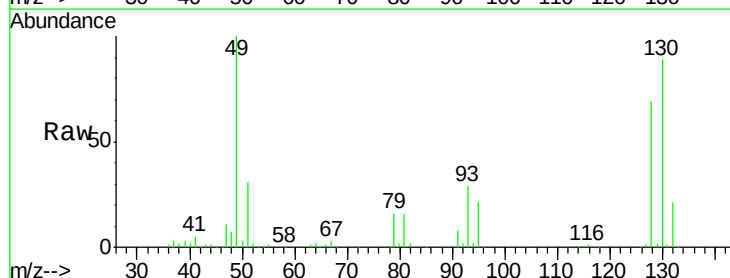
Tgt Ion: 49 Resp: 134745

Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.0

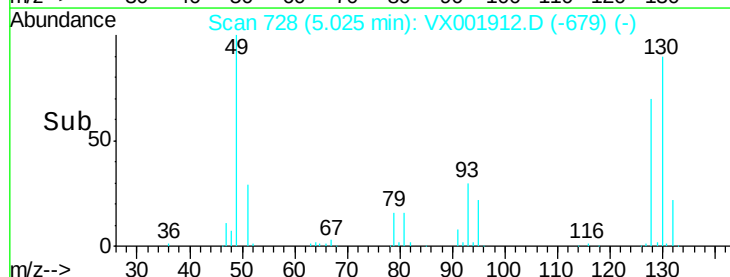
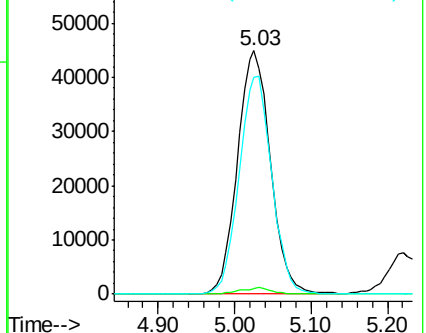
130 88.3 71.8 107.6

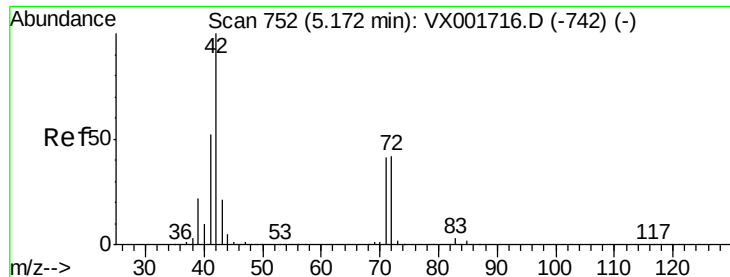


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 315.66 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

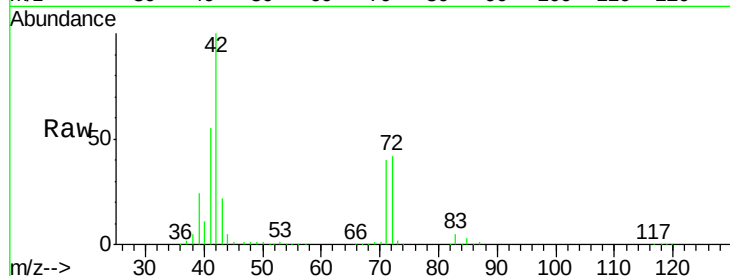
Tot Ion: 42 Resp: 412747

Ion Ratio Lower Upper

42 100

72 42.6 35.4 53.2

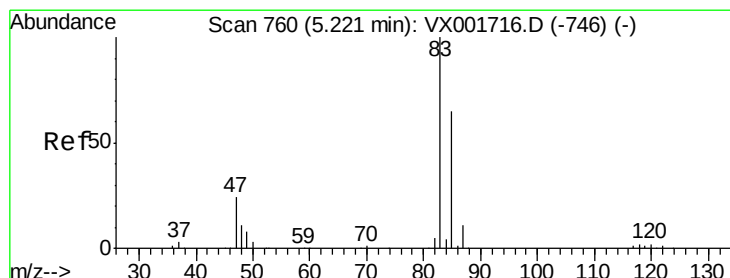
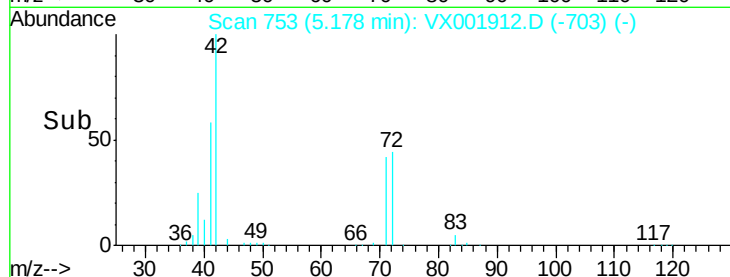
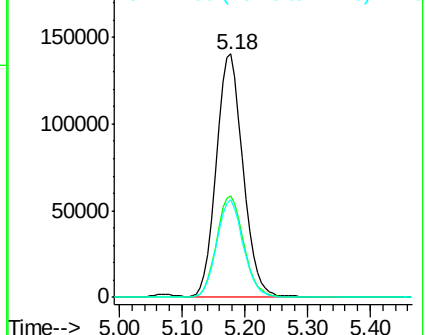
71 40.0 33.2 49.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 55.09 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX001912.D

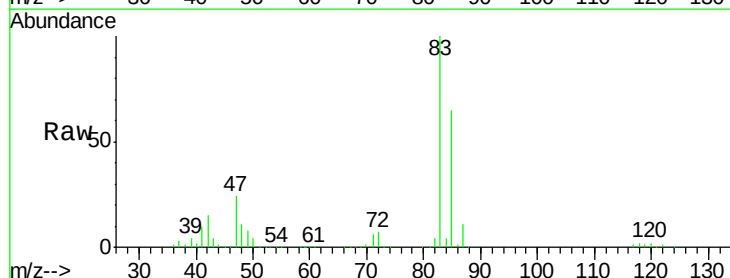
Acq: 22 May 2018 23:38

Tgt Ion: 83 Resp: 276817

Ion Ratio Lower Upper

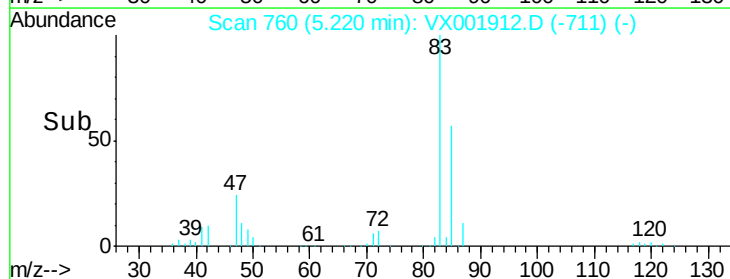
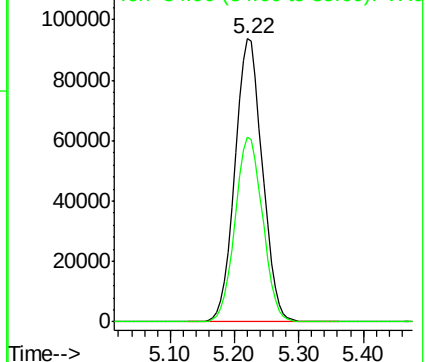
83 100

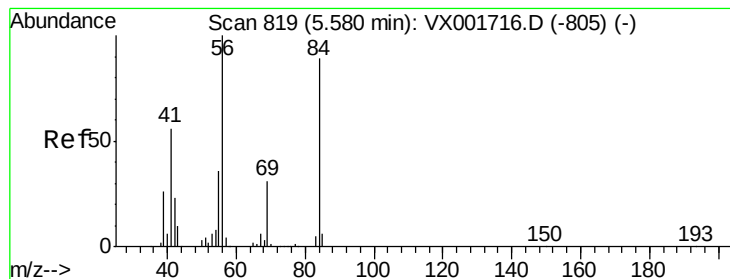
85 65.1 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 49.38 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

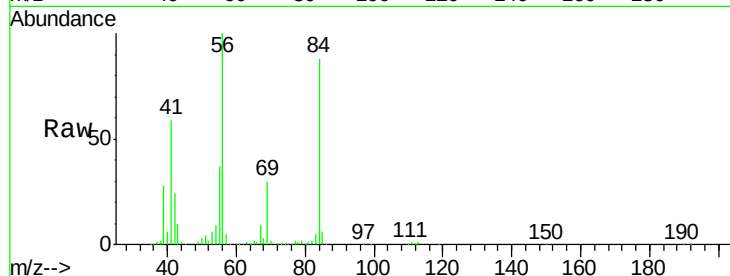
Tot Ion: 56 Resp: 207075

Ion Ratio Lower Upper

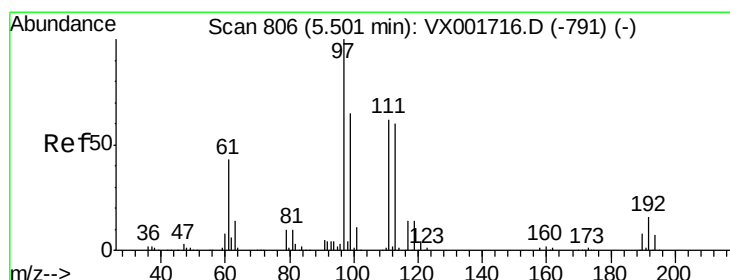
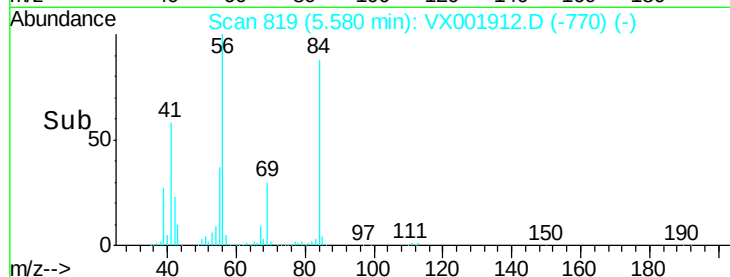
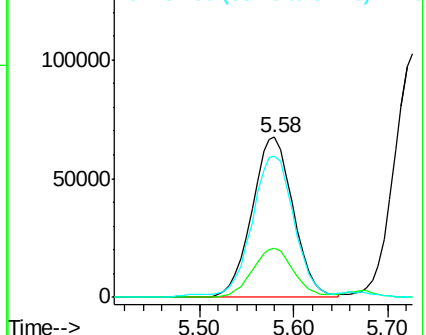
56 100

69 30.4 25.0 37.6

84 86.7 71.0 106.4



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 54.01 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

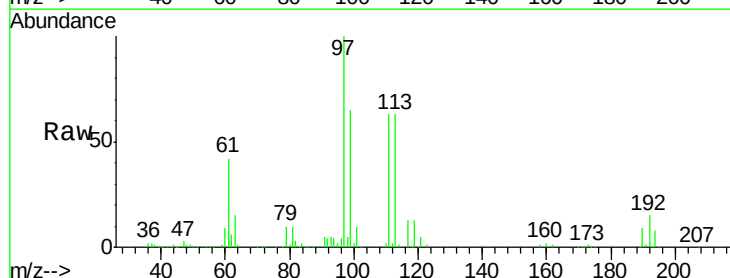
Tgt Ion: 97 Resp: 234523

Ion Ratio Lower Upper

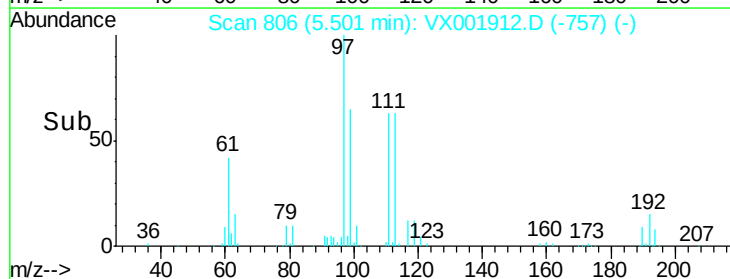
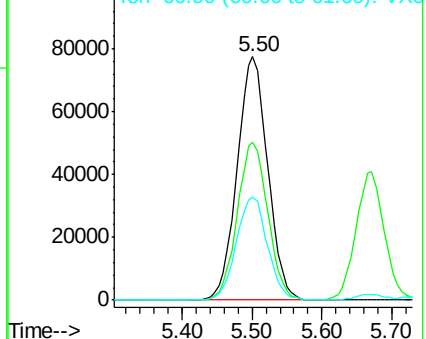
97 100

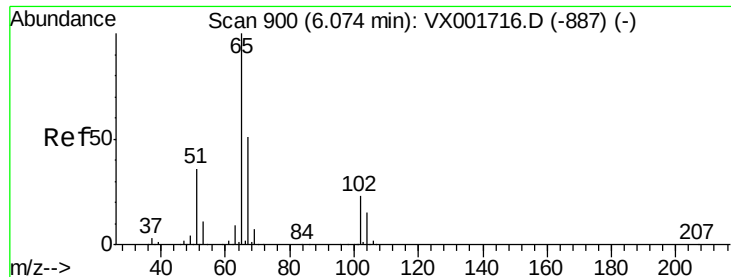
99 64.9 51.3 76.9

61 43.3 34.0 51.0



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

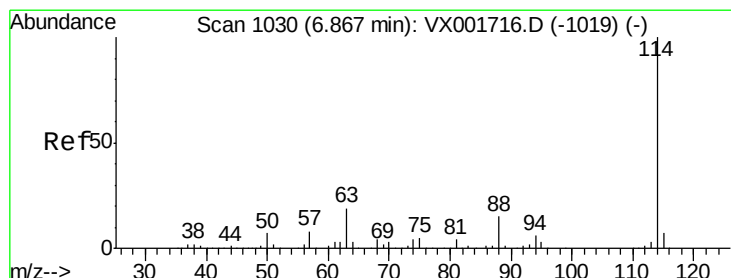
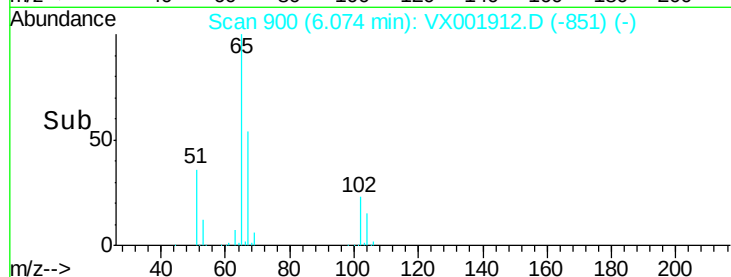
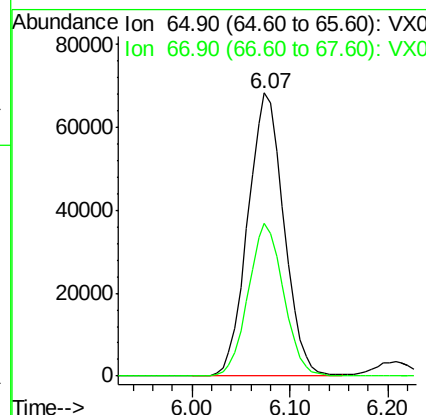
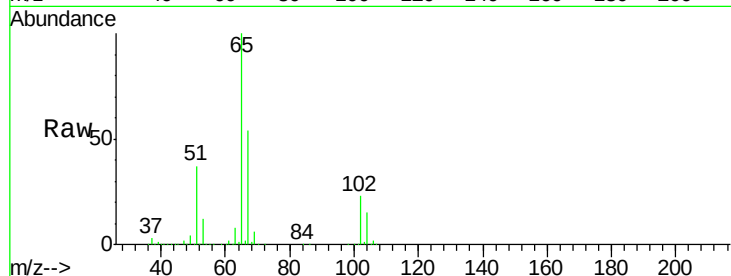




#33
 1,2-Dichloroethane-d4
 Concen: 52.42 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

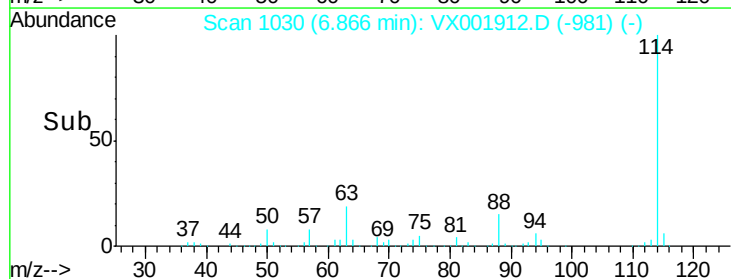
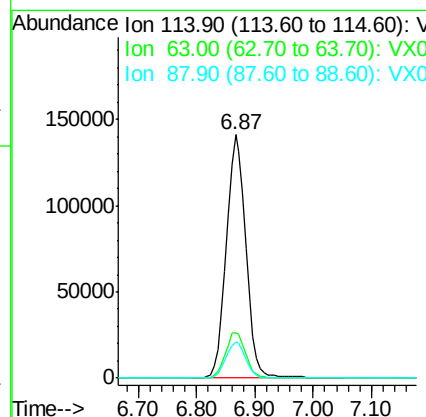
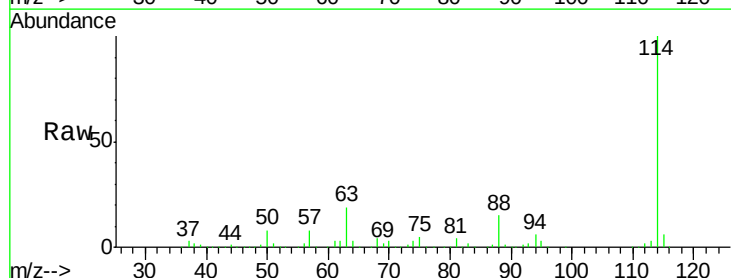
Instrument :
 MSVOA_X
 ClientSampleId :

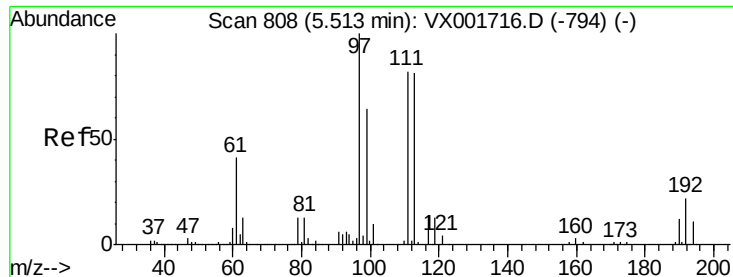
Tot Ion: 65 Resp: 174871
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

Tgt Ion: 114 Resp: 330247
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.0
 88 15.2 0.0 29.8

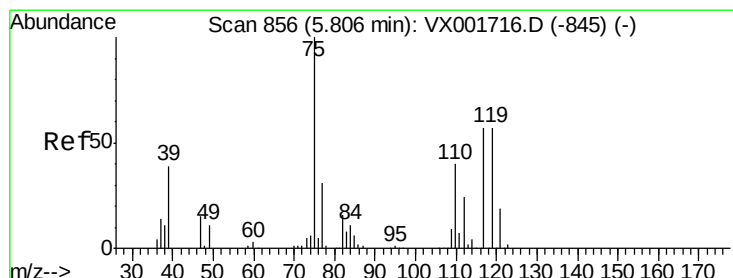
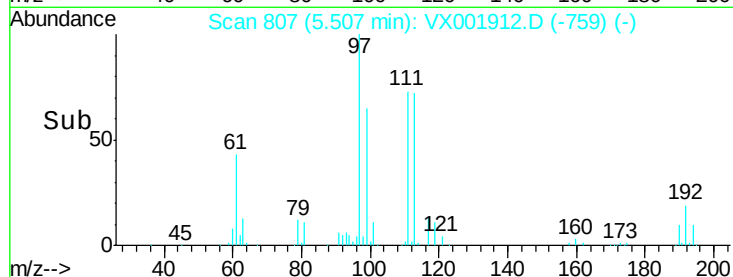
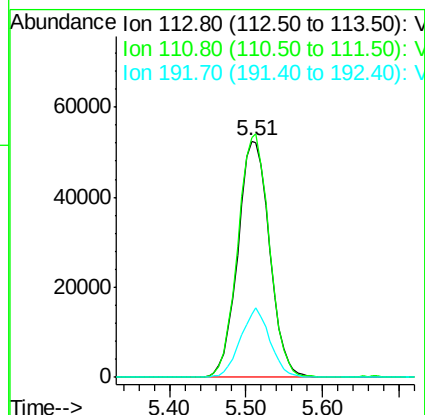
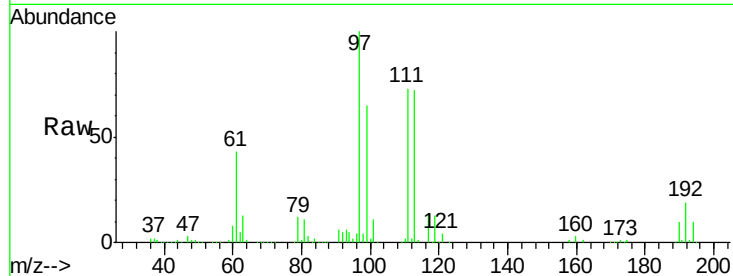




#35
 Dibromofluoromethane
 Concen: 54.15 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

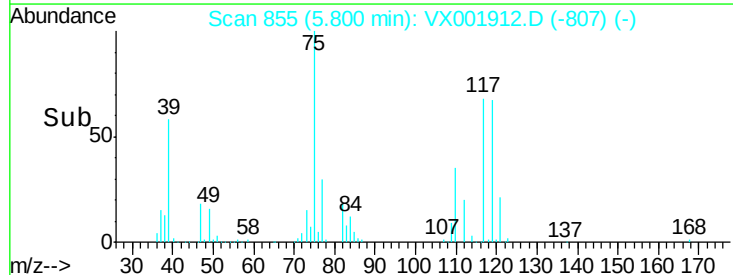
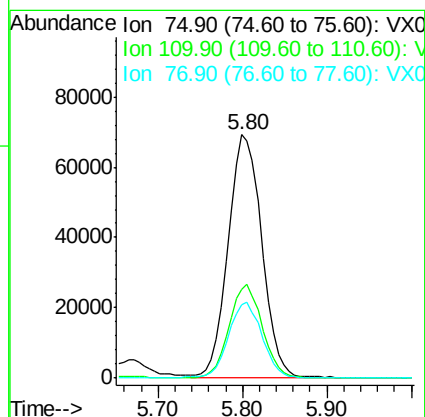
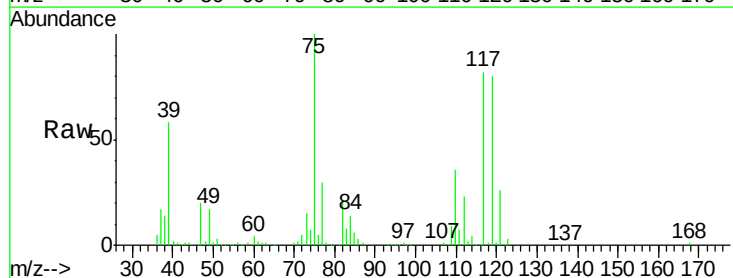
Instrument :
 MSVOA_X
 ClientSampleId :

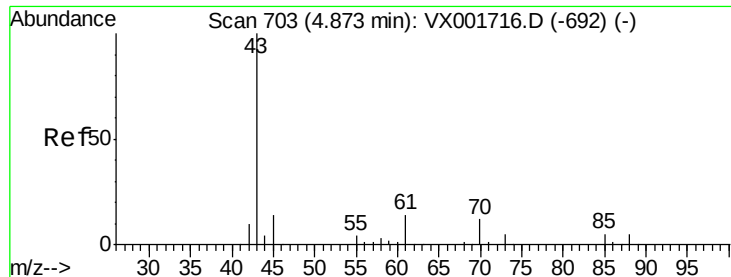
Tot Ion:113 Resp: 150922
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.0 123.0
 192 27.1 21.6 32.4



#36
 1,1-Dichloropropene
 Concen: 49.29 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

Tgt Ion: 75 Resp: 187391
 Ion Ratio Lower Upper
 75 100
 110 38.0 19.1 57.1
 77 31.0 24.6 37.0

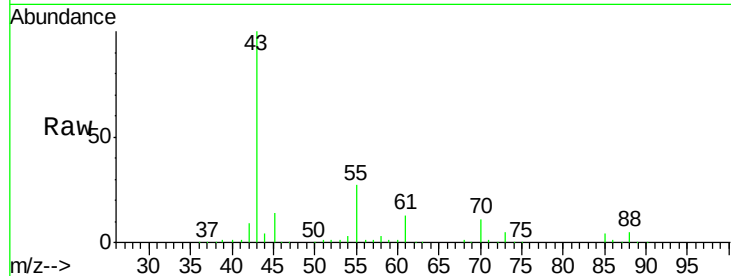




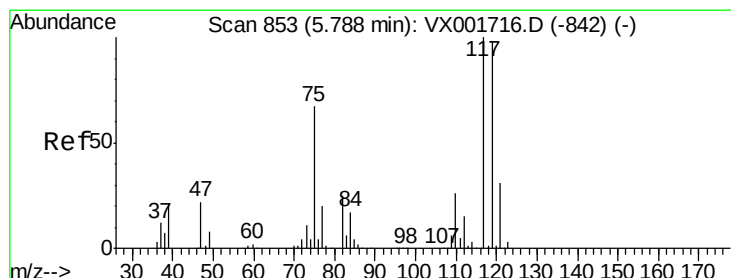
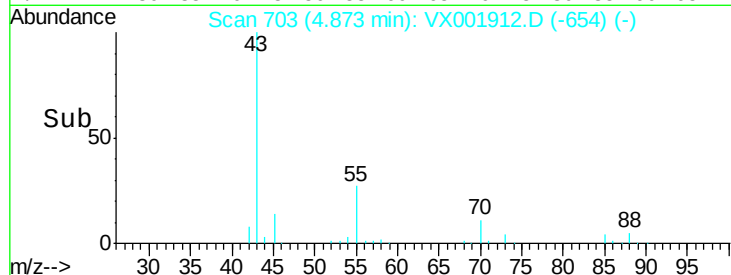
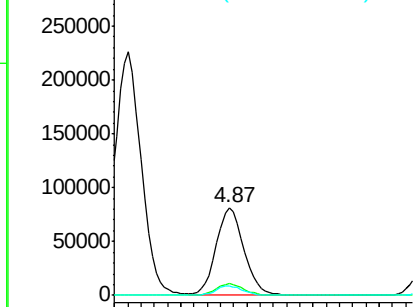
#37
Ethyl Acetate
Concen: 59.91 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 237371
Ion Ratio Lower Upper
43 100
61 13.6 10.9 16.3
70 10.3 8.8 13.2

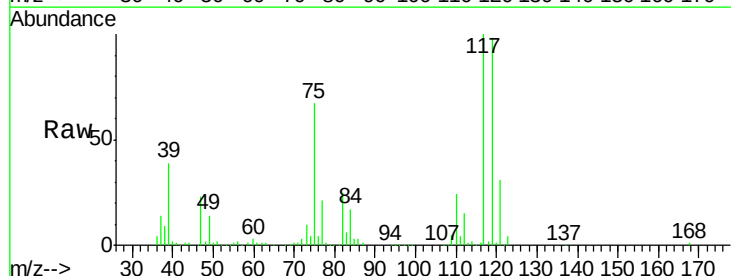


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

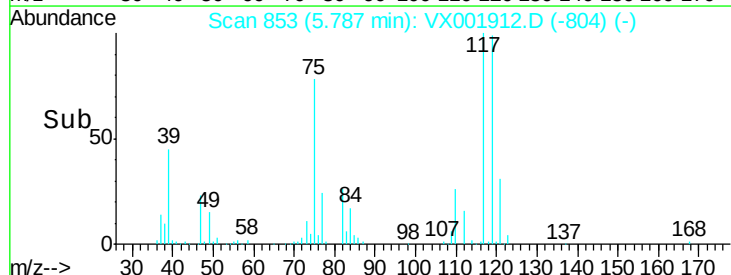
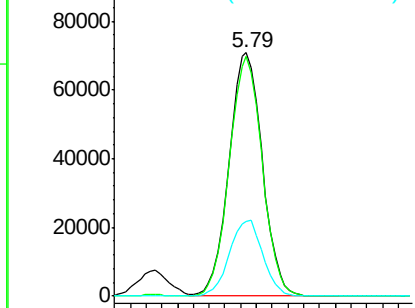


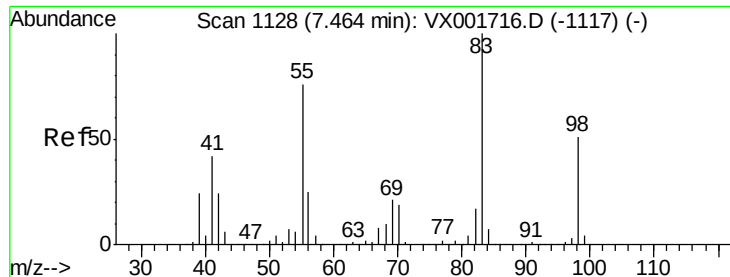
#38
Carbon Tetrachloride
Concen: 52.39 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Tgt Ion: 117 Resp: 208634
Ion Ratio Lower Upper
117 100
119 98.3 77.6 116.4
121 30.8 24.6 36.8



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

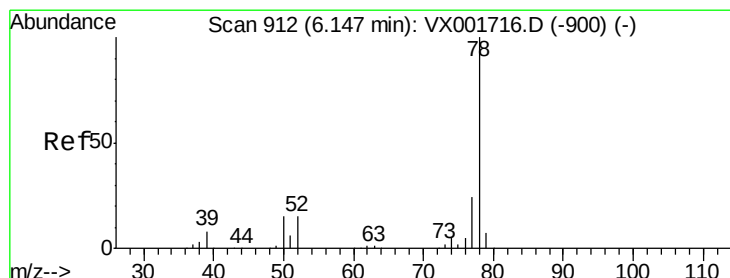
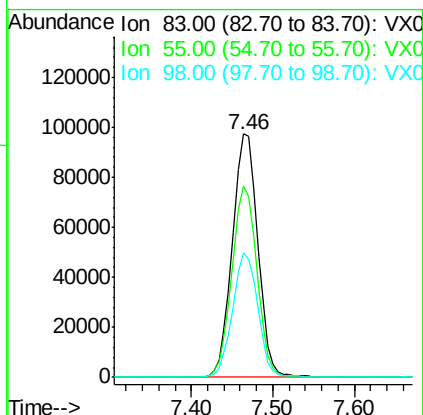
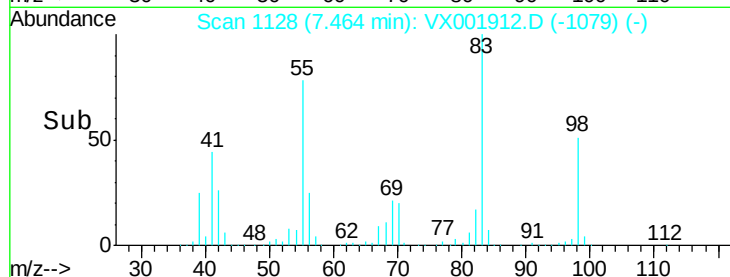
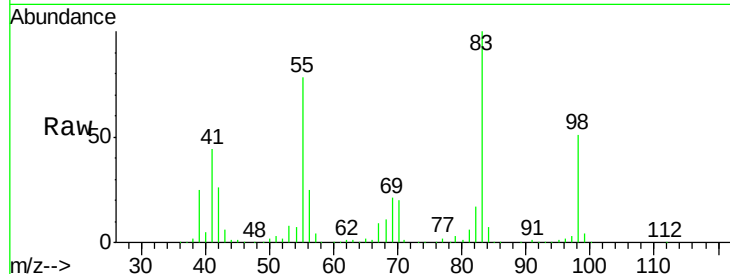




#39
Methylvlcyclohexane
Concen: 47.29 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

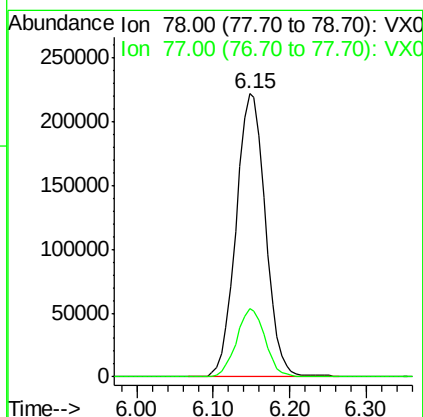
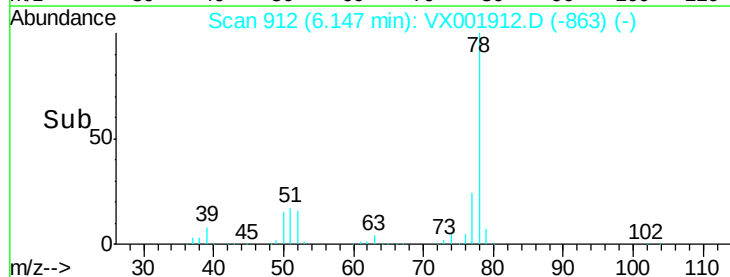
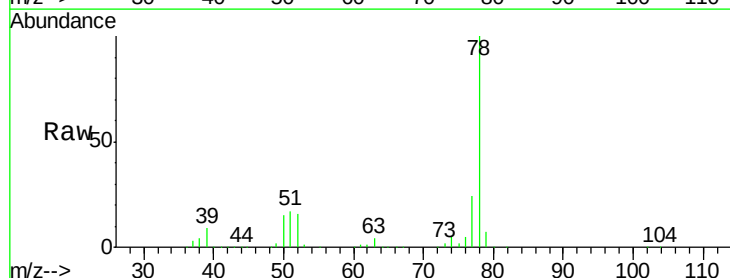
Instrument :
MSVOA_X
ClientSampleId :

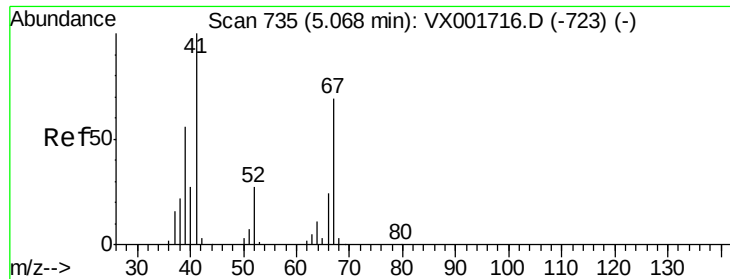
Tot Ion: 83 Resp: 210048
Ion Ratio Lower Upper
83 100
55 78.4 60.6 90.8
98 51.0 40.4 60.6



#40
Benzene
Concen: 52.87 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Tgt Ion: 78 Resp: 592174
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4

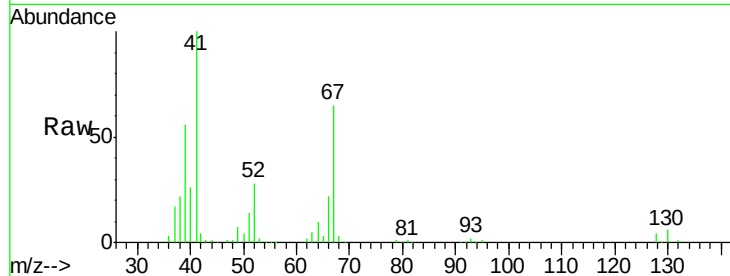




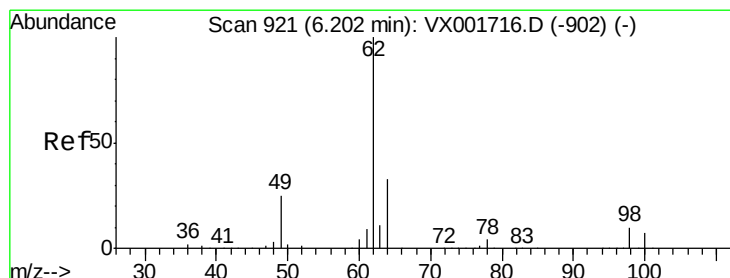
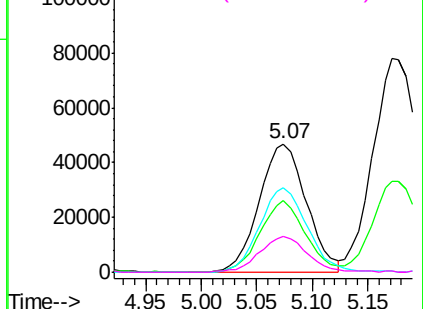
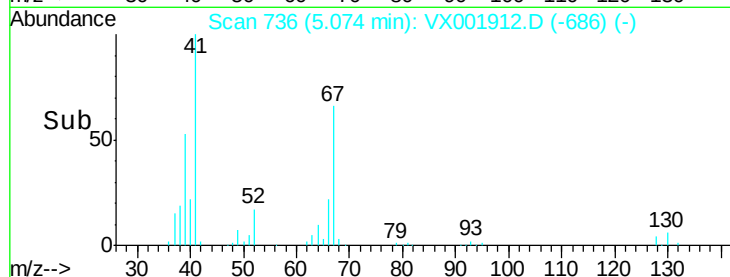
#41
Methacrylonitrile
Concen: 60.08 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	137659
Ion	Ratio	Lower	Upper
41	100		
39	53.8	44.2	66.4
67	66.4	56.0	84.0
52	28.0	22.6	33.8

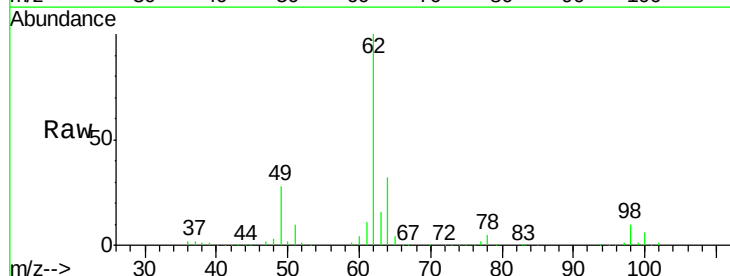


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

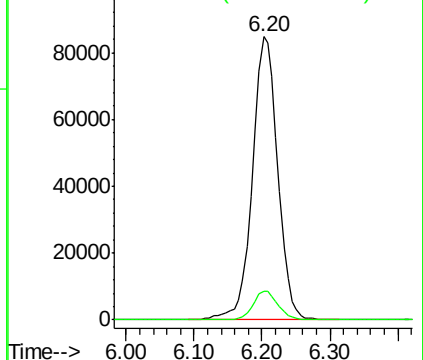
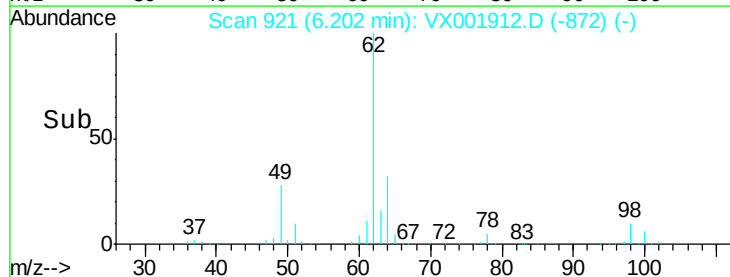


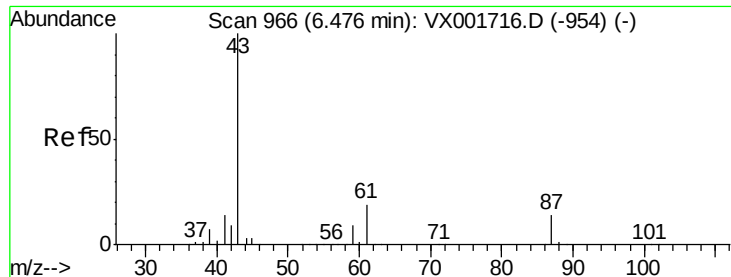
#42
1,2-Dichloroethane
Concen: 54.39 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Tgt Ion:	62	Resp:	220338
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.0



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





#43

Isopropyl Acetate

Concen: 58.78 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

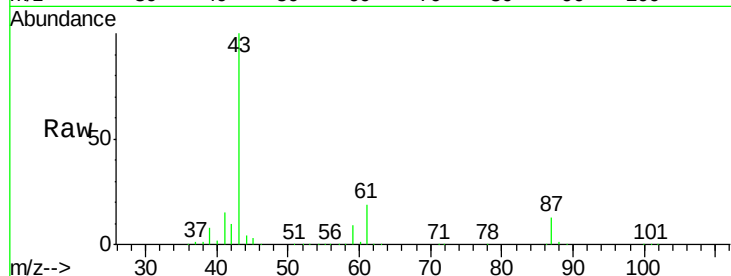
Tot Ion: 43 Resp: 364459

Ion Ratio Lower Upper

43 100

61 19.7 15.8 23.8

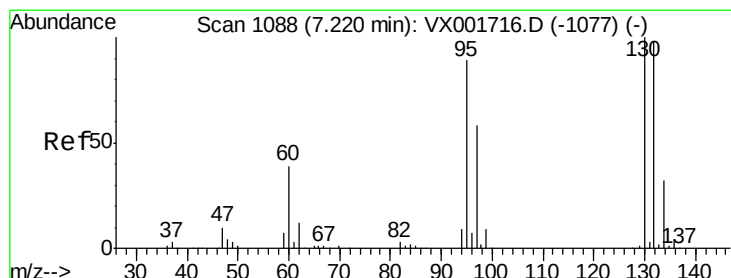
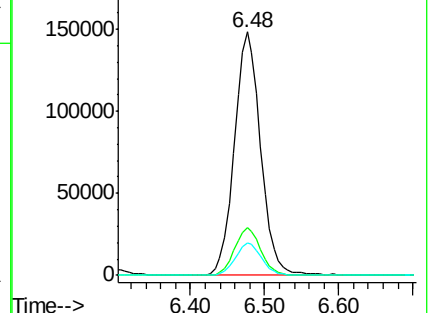
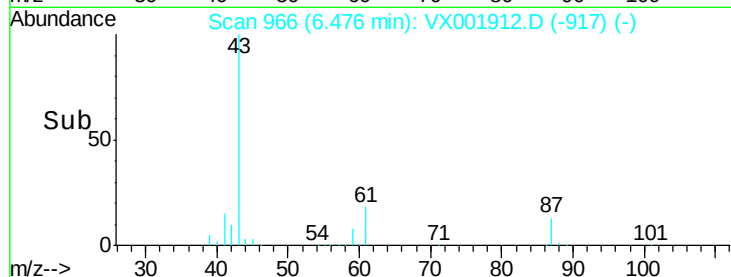
87 13.3 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.47 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001912.D

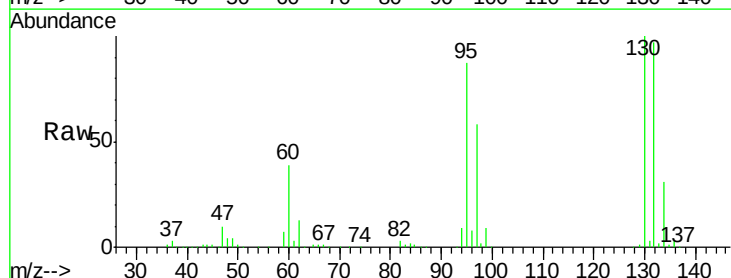
Acq: 22 May 2018 23:38

Tgt Ion:130 Resp: 175473

Ion Ratio Lower Upper

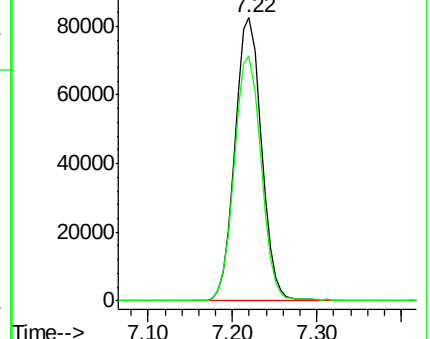
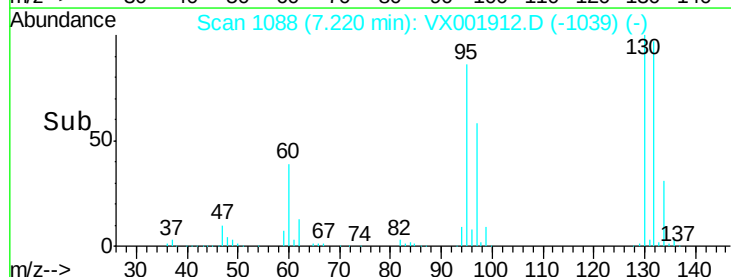
130 100

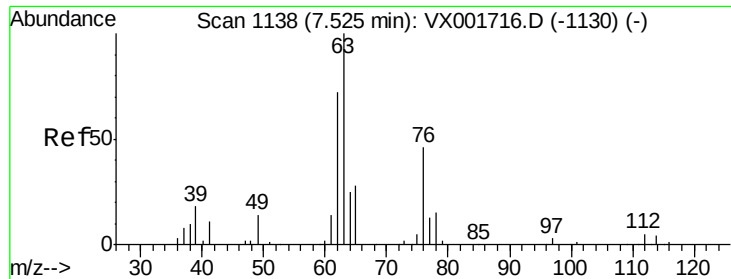
95 86.5 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

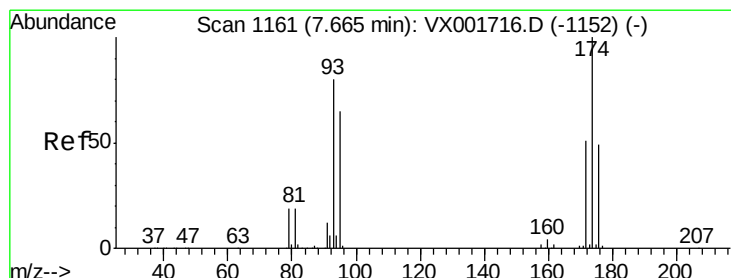
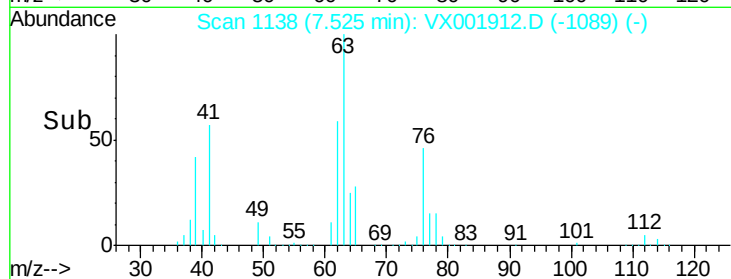
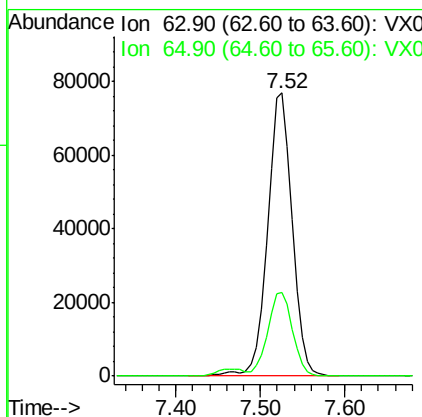
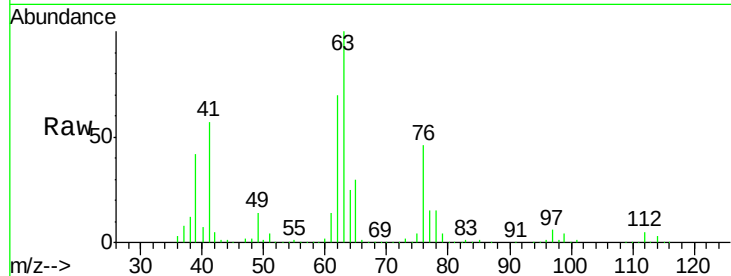




#45
 1,2-Dichloropropane
 Concen: 56.68 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

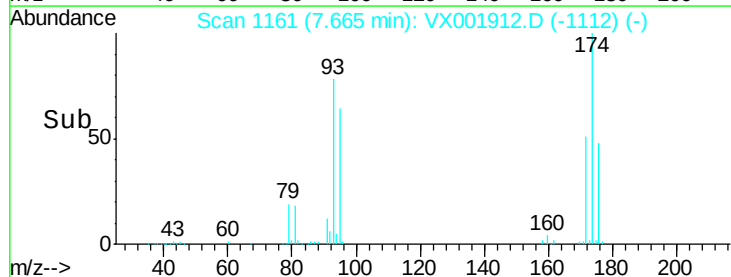
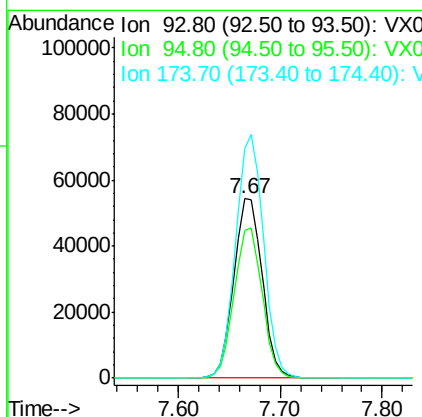
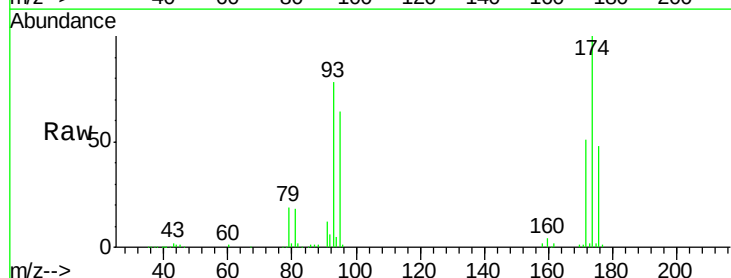
Instrument :
 MSVOA_X
 ClientSampled :

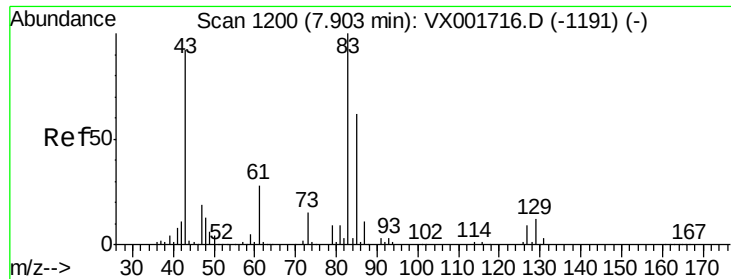
Tot Ion: 63 Resp: 155773
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.2 36.2



#46
 Dibromomethane
 Concen: 54.31 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

Tgt Ion: 93 Resp: 104814
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.9 98.9
 174 133.3 106.2 159.2





#47

Bromodichloromethane

Concen: 57.90 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

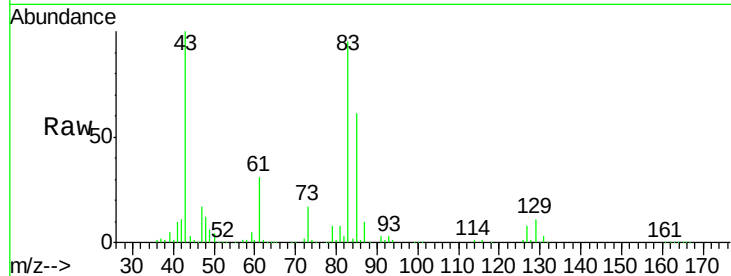
Tot Ion: 83 Resp: 207370

Ion Ratio Lower Upper

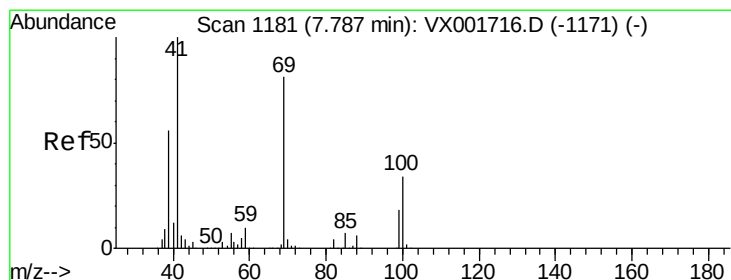
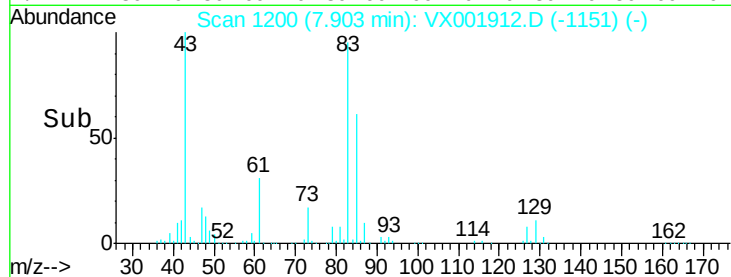
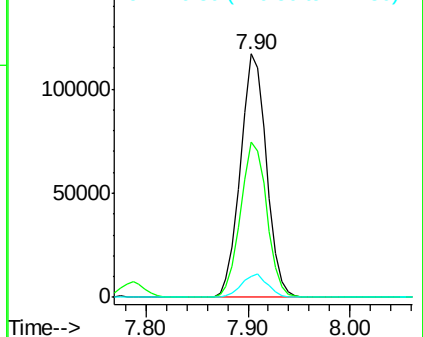
83 100

85 63.8 49.6 74.4

127 8.7 7.5 11.3



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



#48

Methyl methacrylate

Concen: 61.19 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

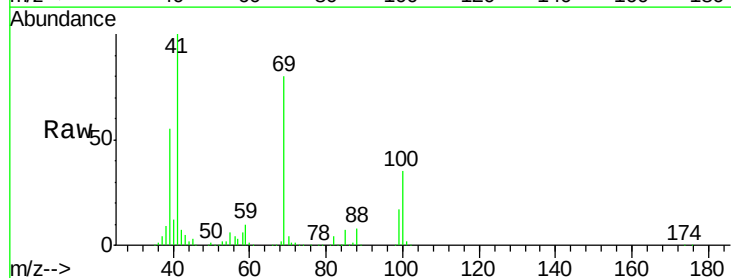
Tgt Ion: 41 Resp: 199713

Ion Ratio Lower Upper

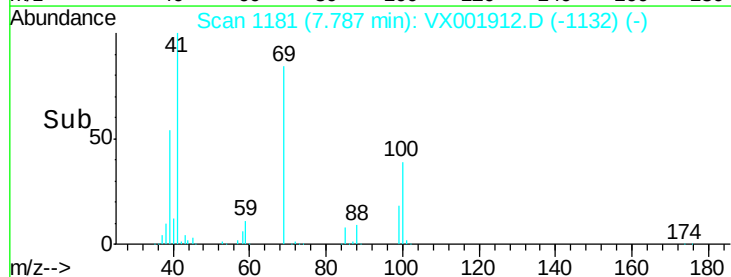
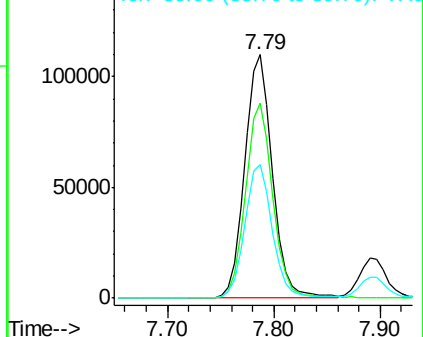
41 100

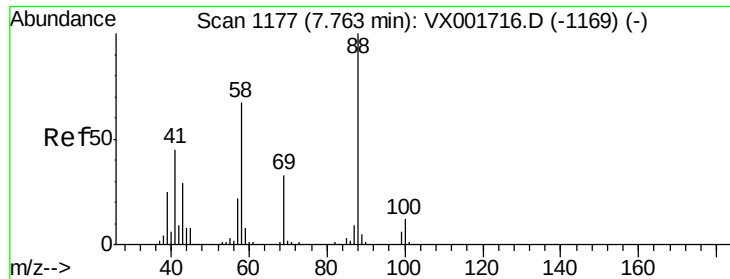
69 79.8 65.2 97.8

39 54.9 44.5 66.7



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

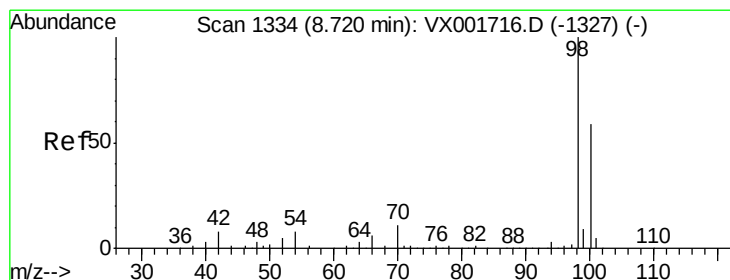
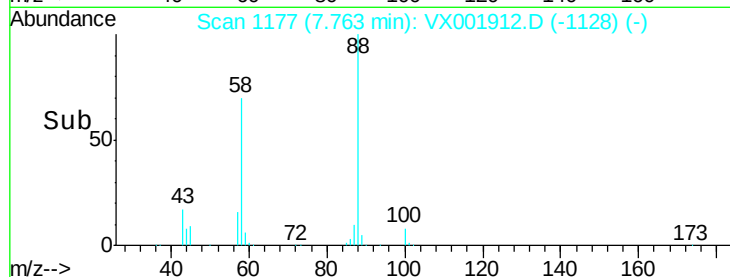
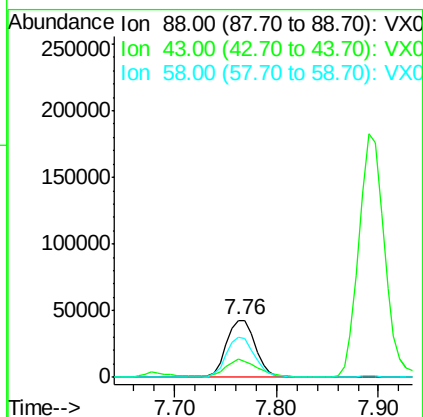
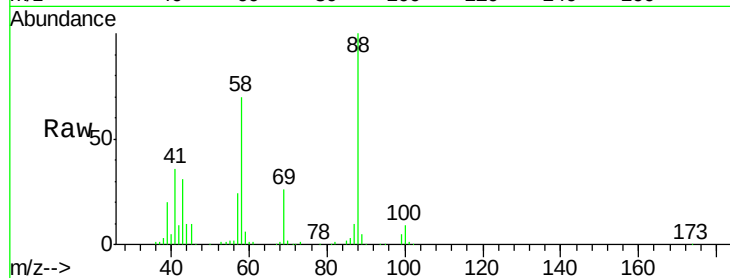




#49
1,4-Dioxane
Concen: 1343.65 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

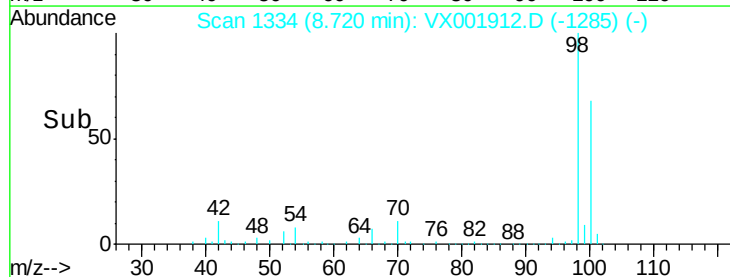
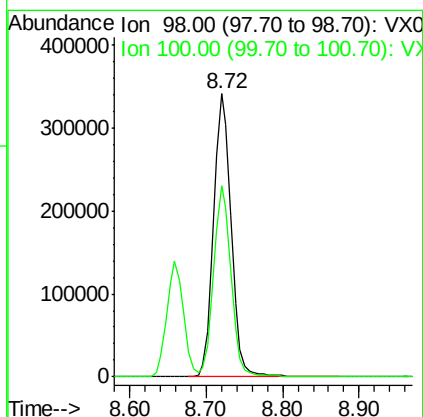
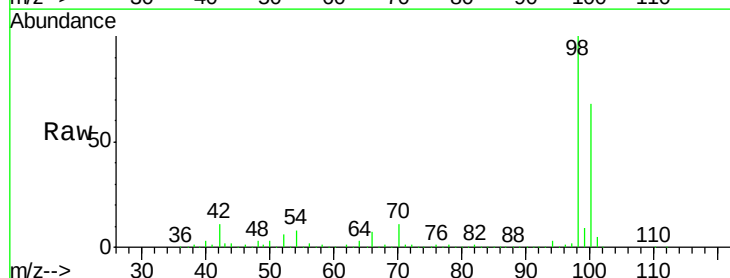
Instrument :
MSVOA_X
ClientSampleId :

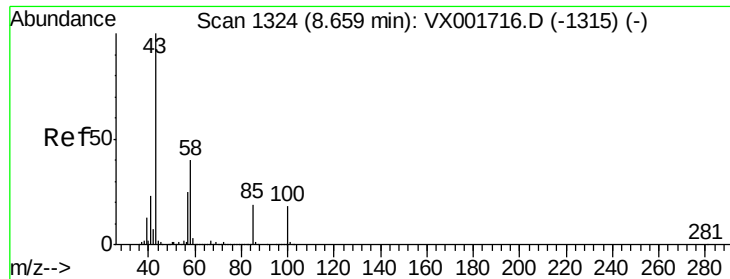
Tot Ion: 88 Resp: 84440
Ion Ratio Lower Upper
88 100
43 33.5 27.3 40.9
58 69.7 55.9 83.9



#50
Toluene-d8
Concen: 54.40 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Tgt Ion: 98 Resp: 542960
Ion Ratio Lower Upper
98 100
100 67.1 54.0 81.0

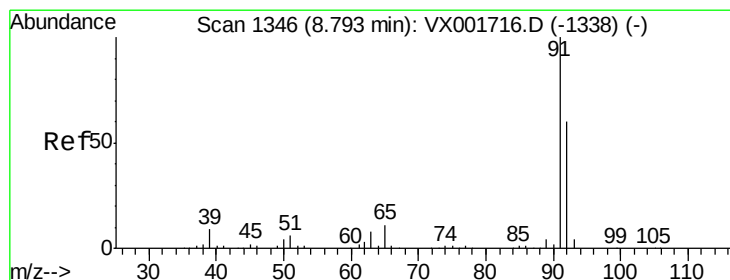
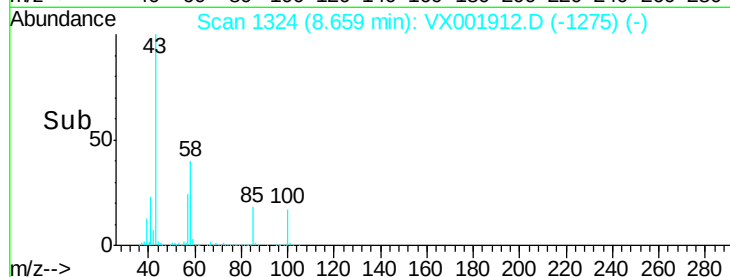
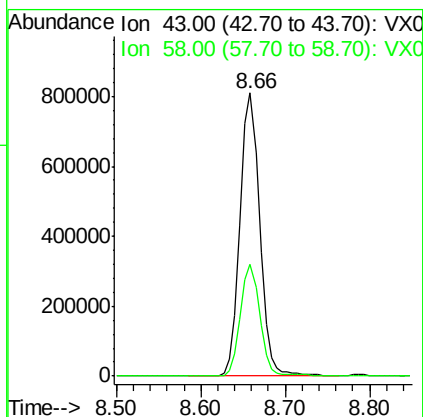
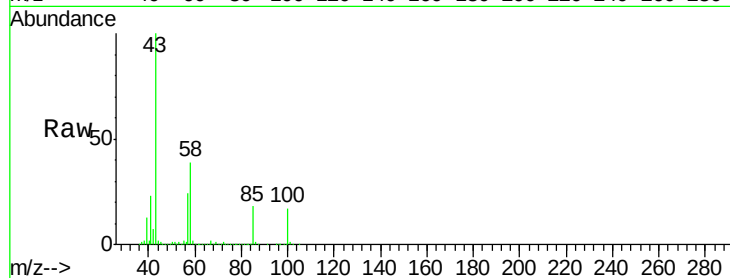




#51
 4-Methyl-2-Pentanone
 Concen: 323.94 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

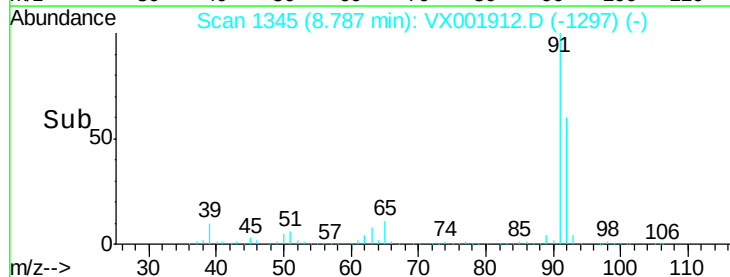
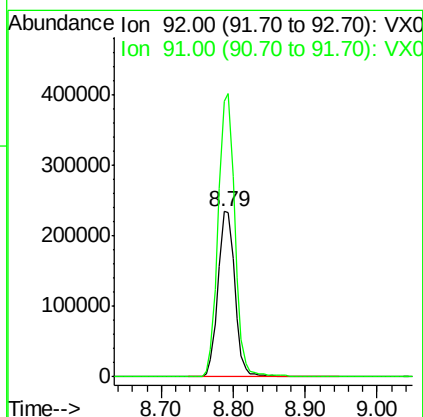
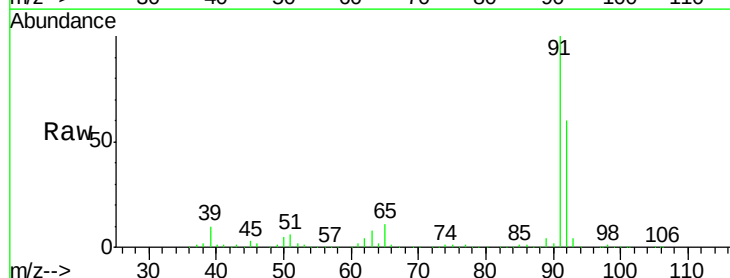
Instrument :
 MSVOA_X
 ClientSampled :

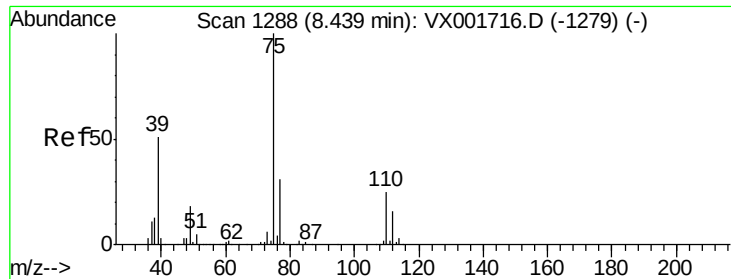
Tot Ion: 43 Resp: 1272995
 Ion Ratio Lower Upper
 43 100
 58 38.5 31.4 47.0



#52
 Toluene
 Concen: 53.11 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

Tgt Ion: 92 Resp: 382272
 Ion Ratio Lower Upper
 92 100
 91 169.5 135.5 203.3

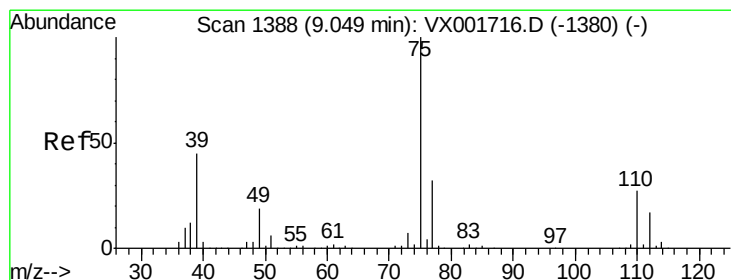
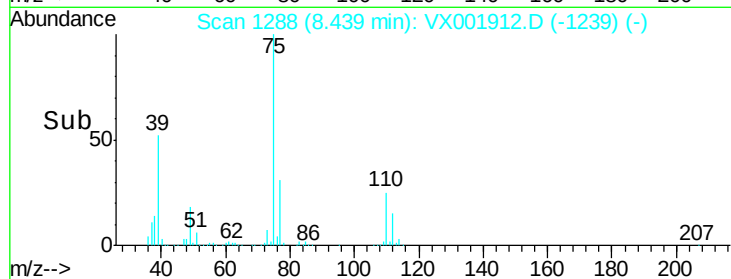
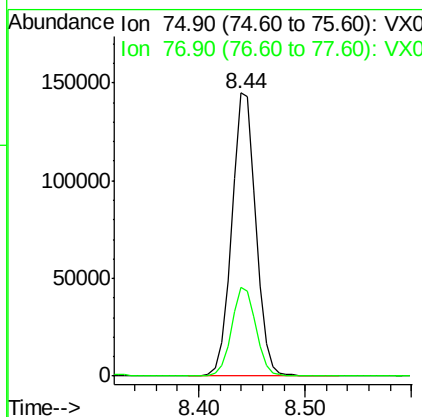
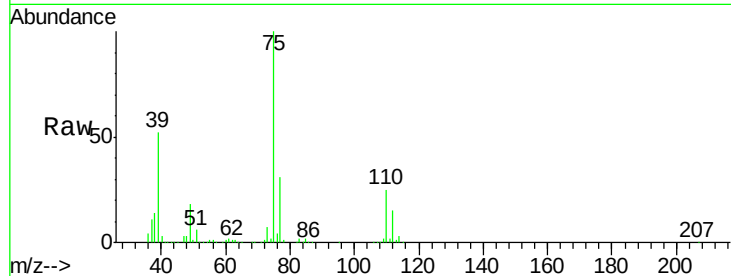




#53
t-1,3-Dichloropropene
Concen: 54.48 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

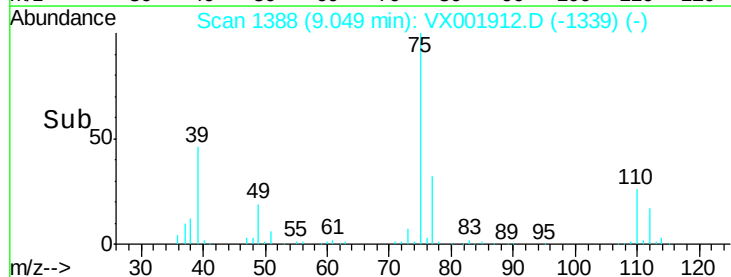
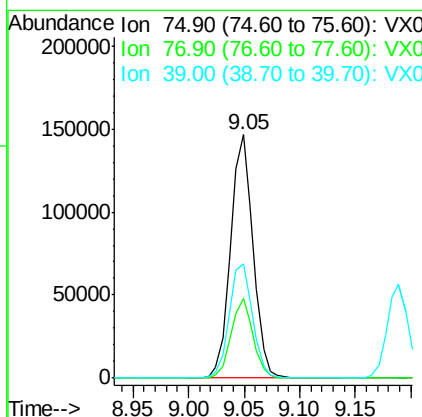
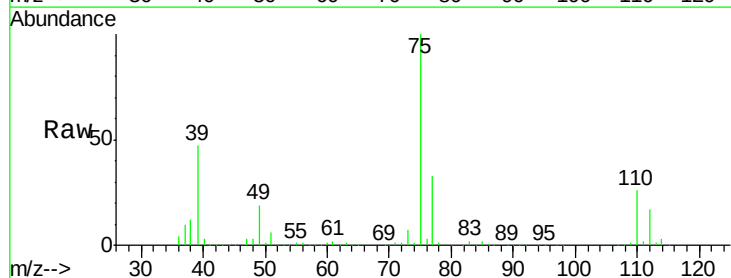
Instrument :
MSVOA_X
ClientSampleId :

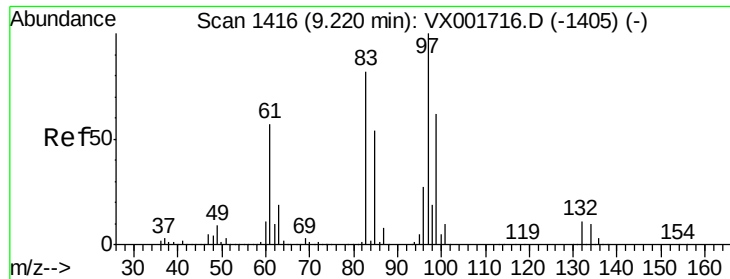
Tot Ion: 75 Resp: 229583
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 54.89 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Tgt Ion: 75 Resp: 203894
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.2
39 46.6 36.1 54.1

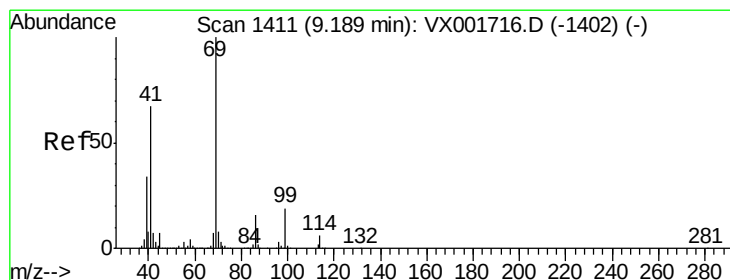
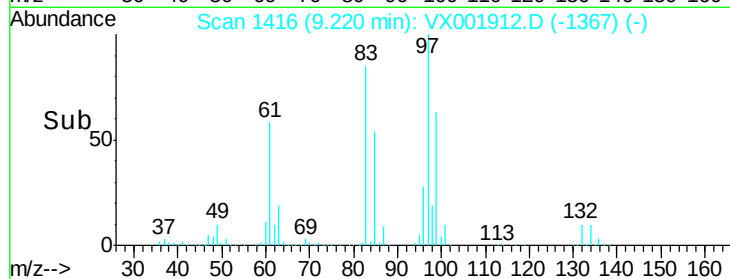
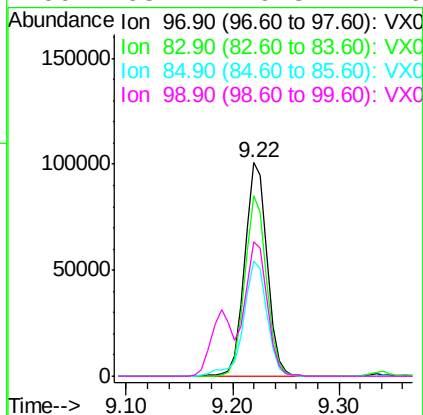
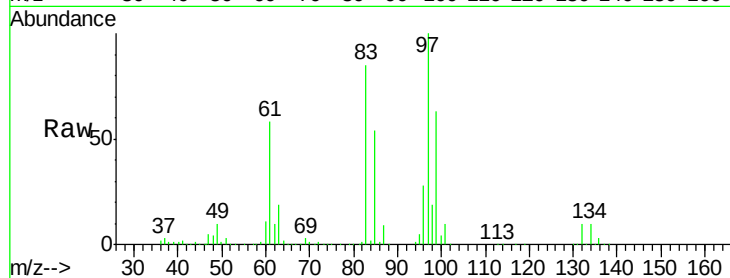




#55
 1,1,2-Trichloroethane
 Concen: 54.13 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

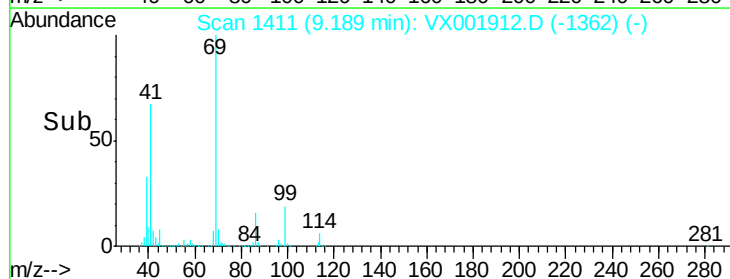
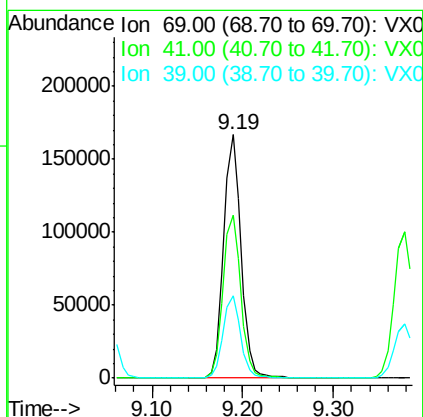
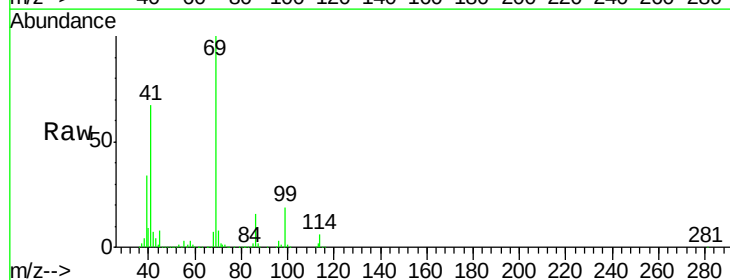
Instrument :
 MSVOA_X
 ClientSampleId :

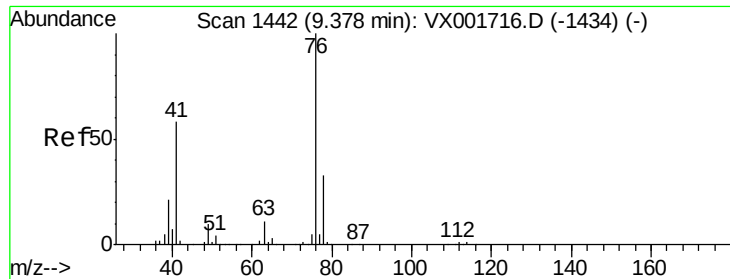
Tot Ion:	97	Resp:	148916
Ion	Ratio	Lower	Upper
97	100		
83	84.7	65.8	98.8
85	54.0	43.4	65.0
99	63.1	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 57.73 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

Tgt Ion:	69	Resp:	225247
Ion	Ratio	Lower	Upper
69	100		
41	68.6	53.5	80.3
39	34.1	27.2	40.8

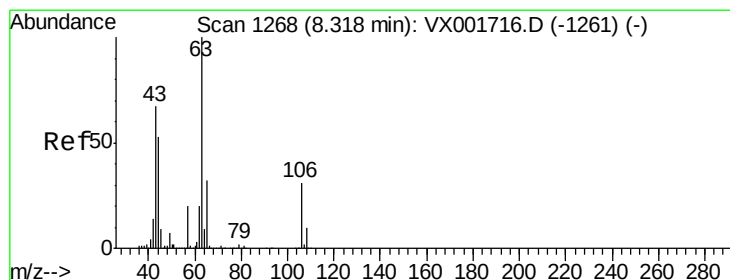
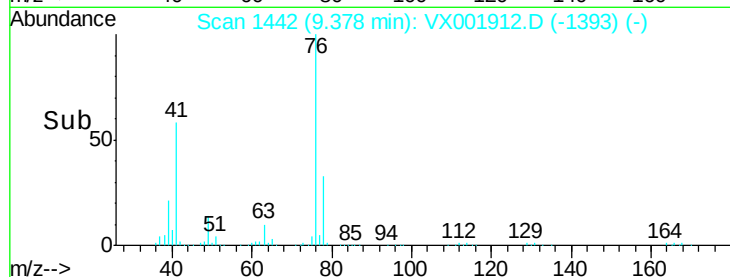
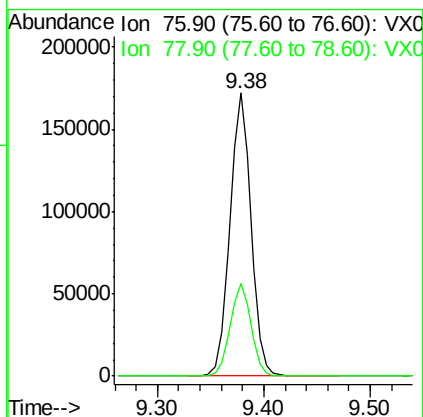
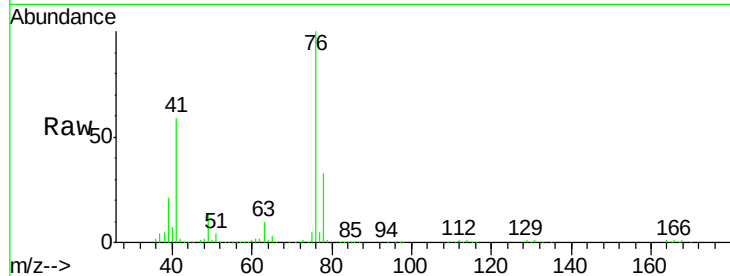




#57
 1,3-Dichloropropane
 Concen: 51.99 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

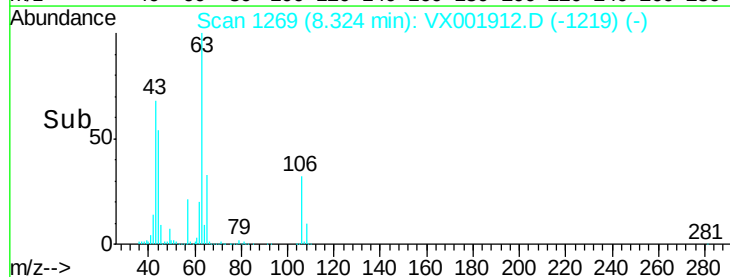
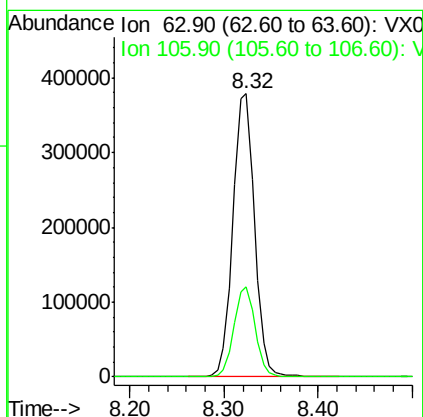
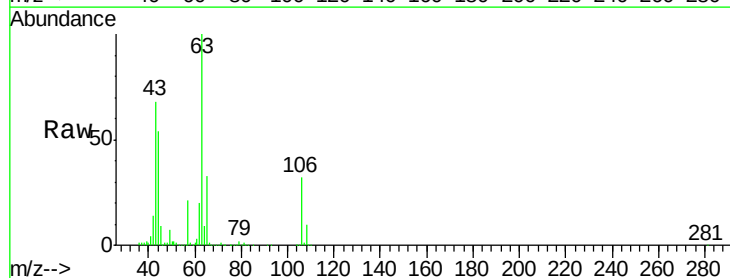
Instrument :
 MSVOA_X
 ClientSampleId :

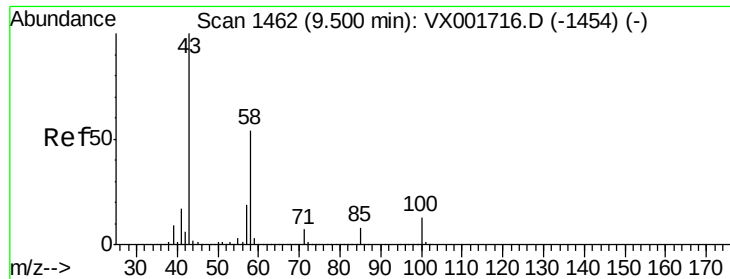
Tot Ion: 76 Resp: 239489
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 300.05 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

Tgt Ion: 63 Resp: 602175
 Ion Ratio Lower Upper
 63 100
 106 31.4 25.1 37.7

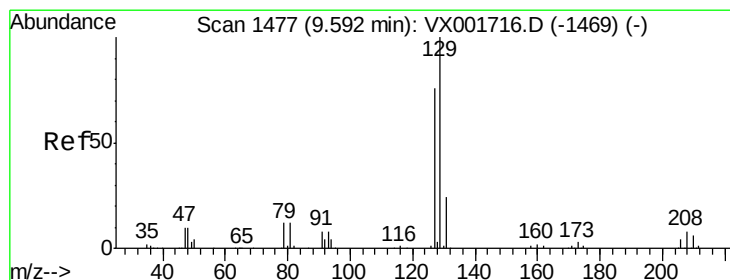
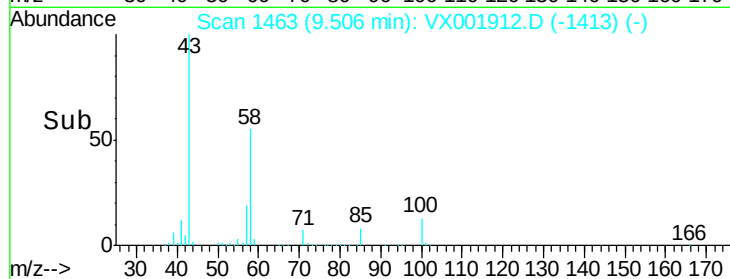
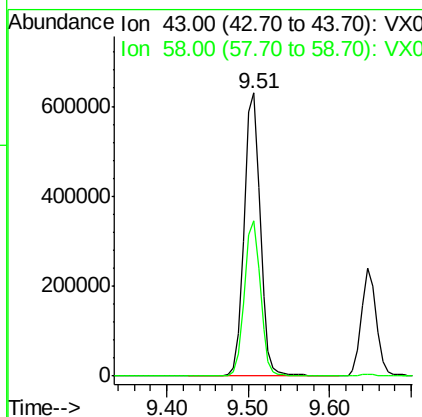
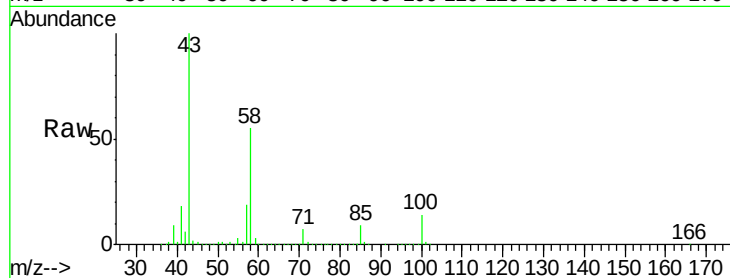




#59
2-Hexanone
Concen: 305.51 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

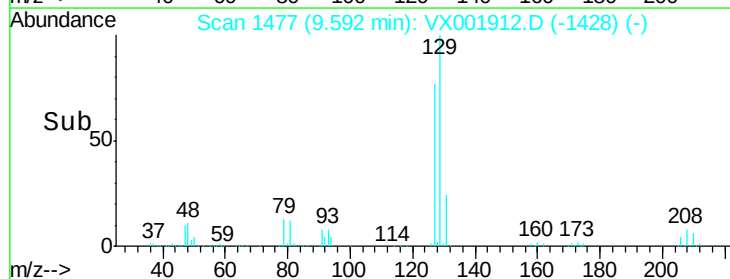
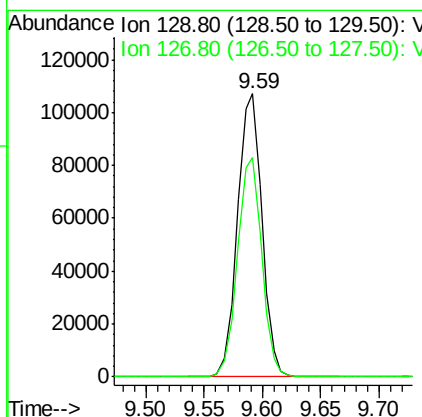
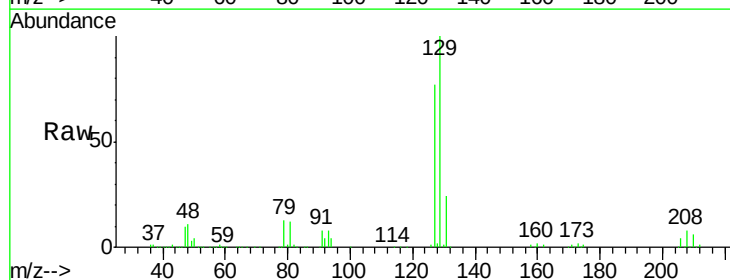
Instrument :
MSVOA_X
ClientSampleId :

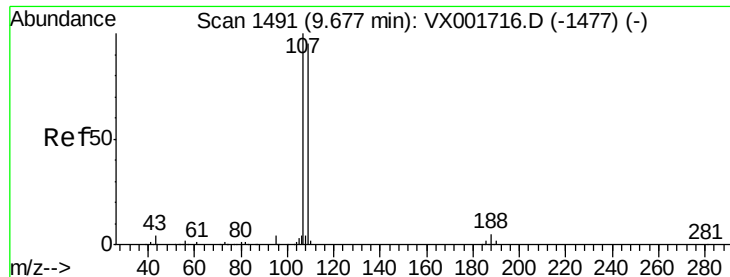
Tot Ion: 43 Resp: 859413
Ion Ratio Lower Upper
43 100
58 54.8 27.7 83.1



#60
Dibromochloromethane
Concen: 55.83 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Tgt Ion: 129 Resp: 157274
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1





#61

1,2-Dibromoethane

Concen: 53.38 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

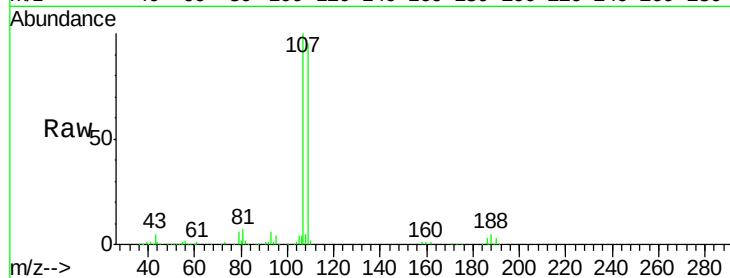
ClientSampleId :

Tot Ion:107 Resp: 153753

Ion Ratio Lower Upper

107 100

109 94.3 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

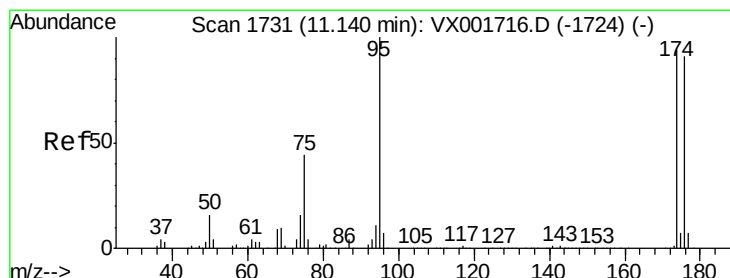
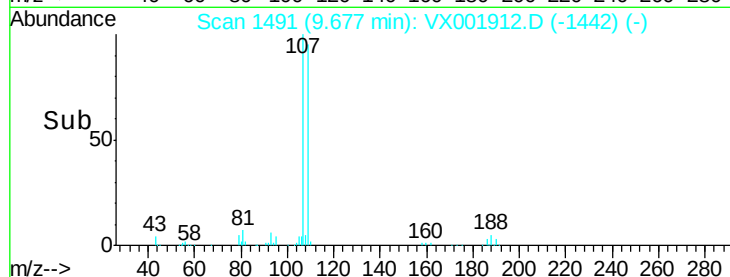
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.25 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

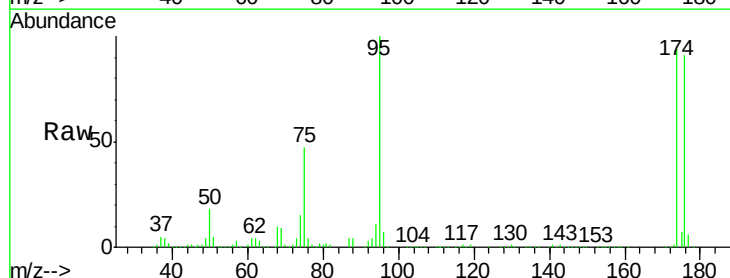
Tgt Ion: 95 Resp: 180591

Ion Ratio Lower Upper

95 100

174 102.1 0.0 201.8

176 100.2 0.0 196.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

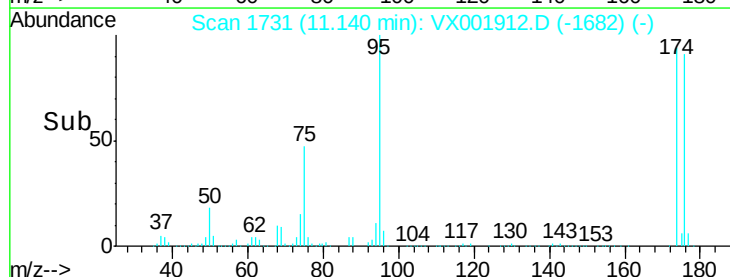
150000

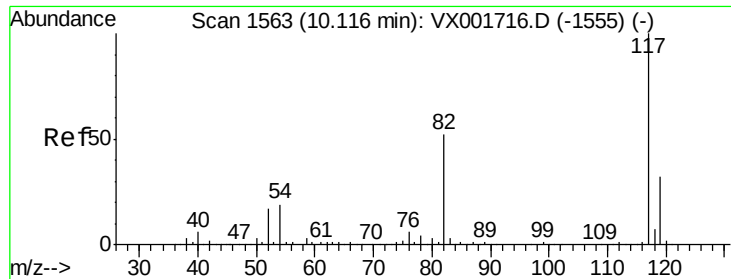
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

ClientSampled :

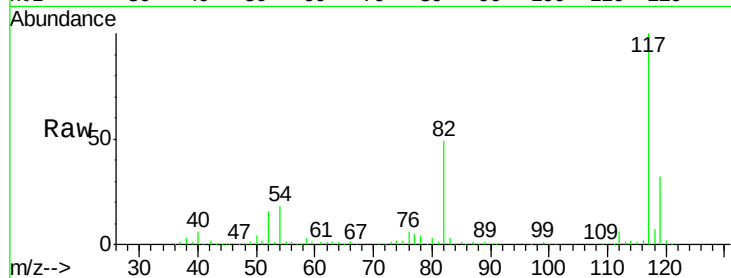
Tot Ion:117 Resp: 282222

Ion Ratio Lower Upper

117 100

82 49.4 41.4 62.2

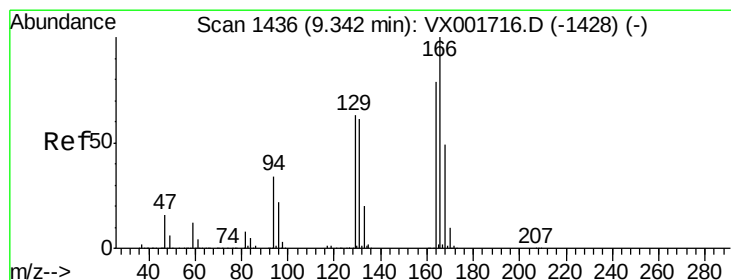
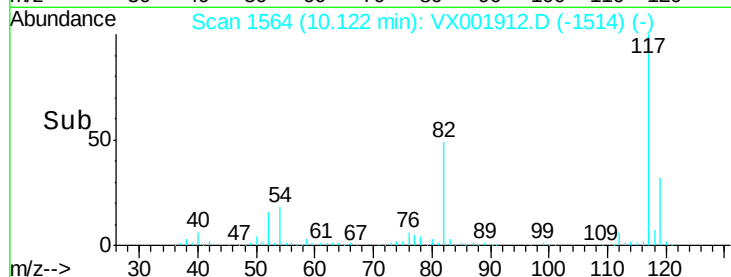
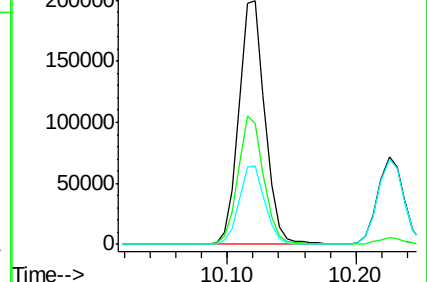
119 32.3 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 49.03 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Tgt Ion:164 Resp: 180137

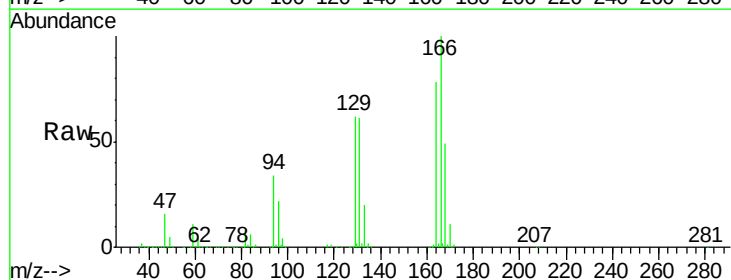
Ion Ratio Lower Upper

164 100

166 128.9 101.8 152.8

129 80.3 63.8 95.6

131 78.1 62.2 93.2

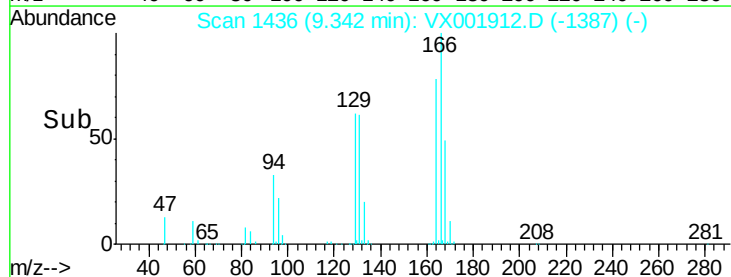
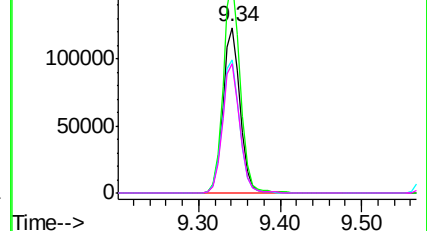


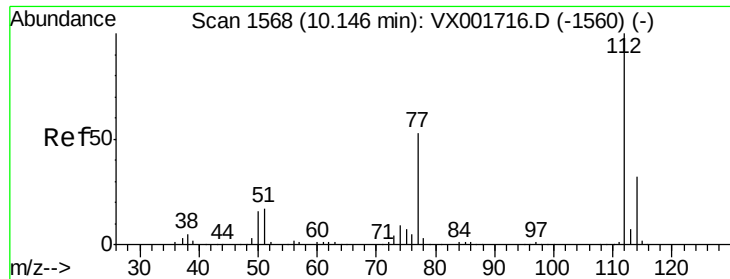
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

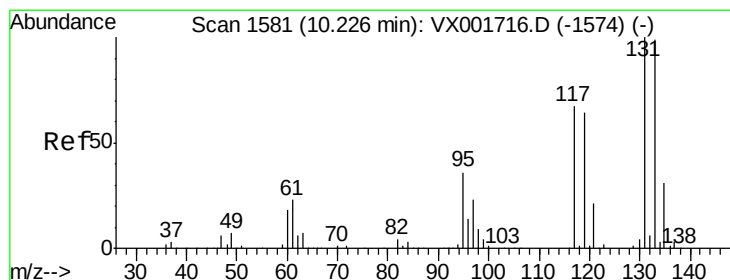
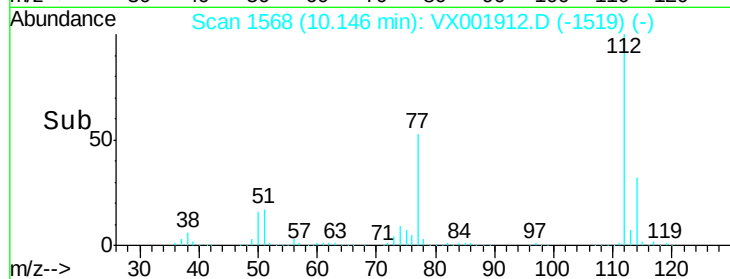
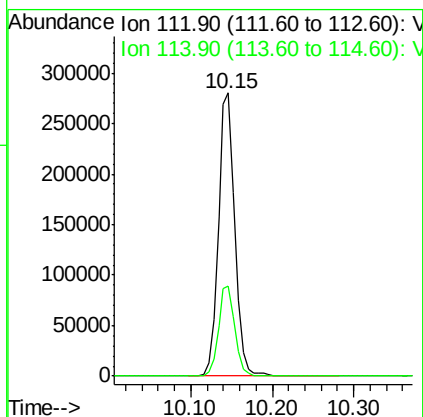
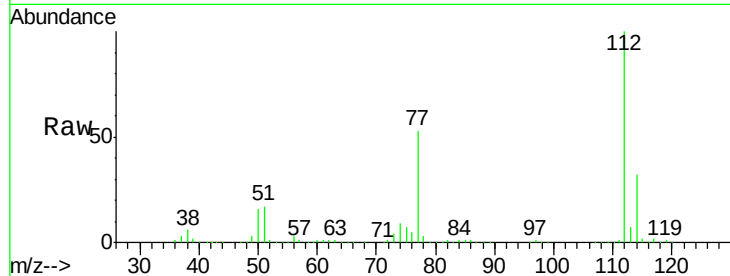




#65
Chlorobenzene
Concen: 50.96 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

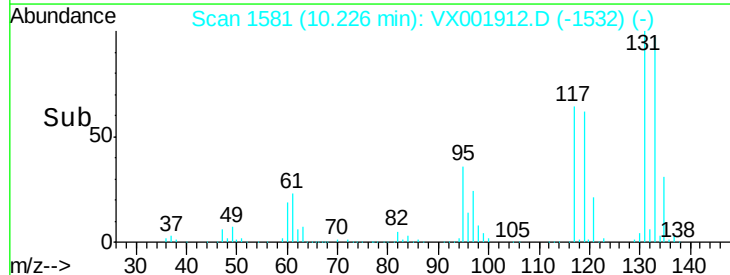
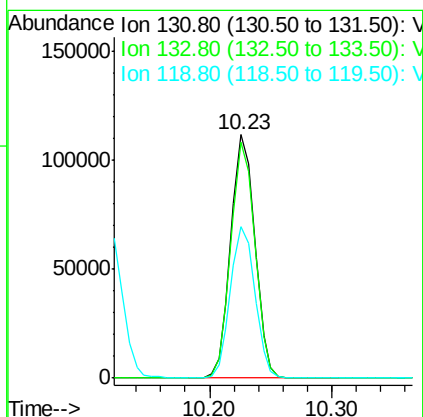
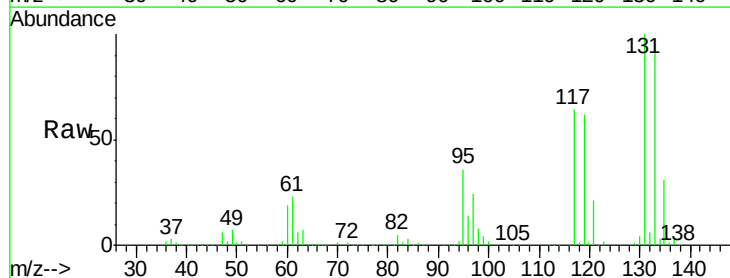
Instrument :
MSVOA_X
ClientSampled :

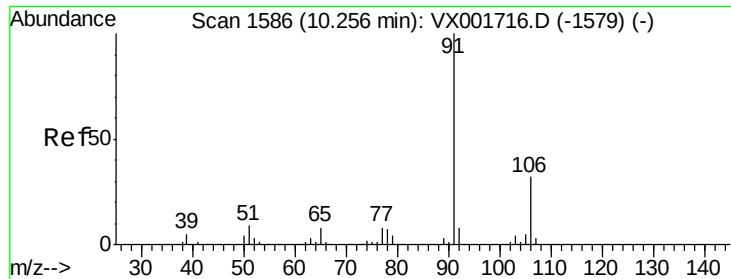
Tot Ion:112 Resp: 395598
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 55.71 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Tgt Ion:131 Resp: 152741
Ion Ratio Lower Upper
131 100
133 96.5 48.5 145.6
119 63.3 31.9 95.5

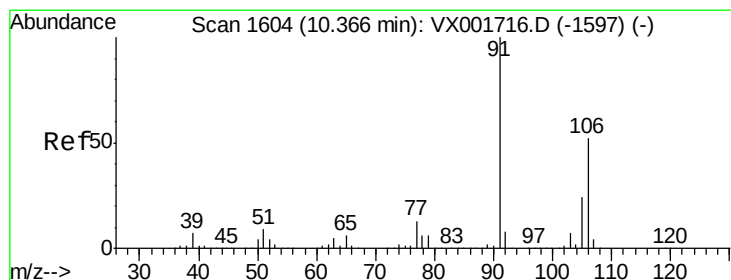
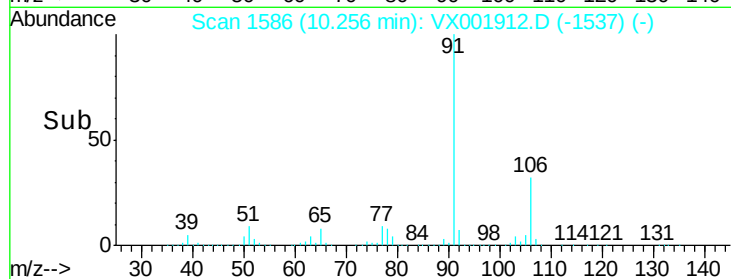
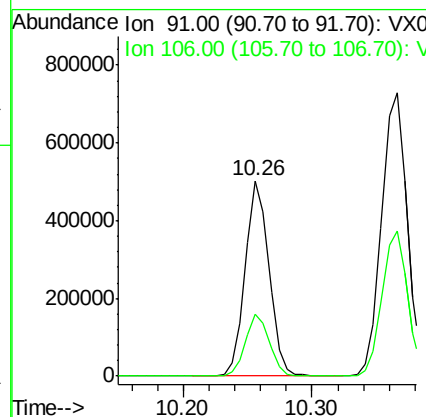
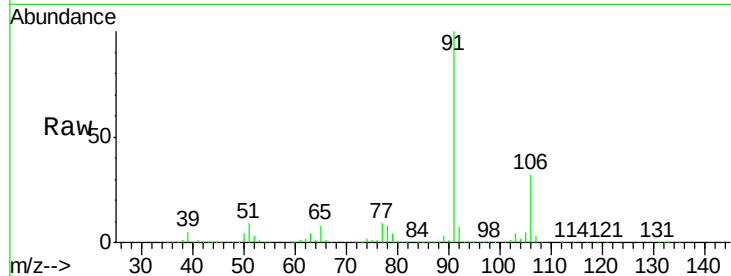




#67
Ethyl Benzene
Concen: 51.95 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

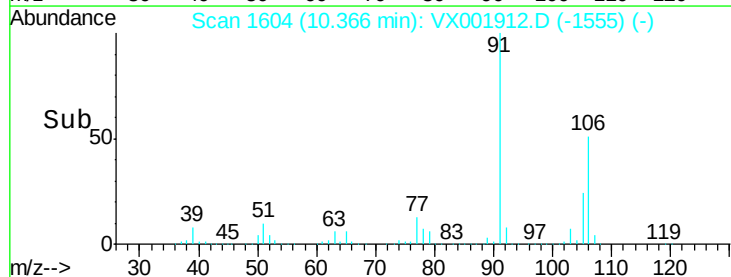
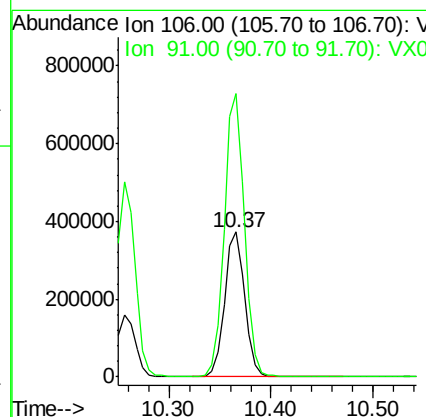
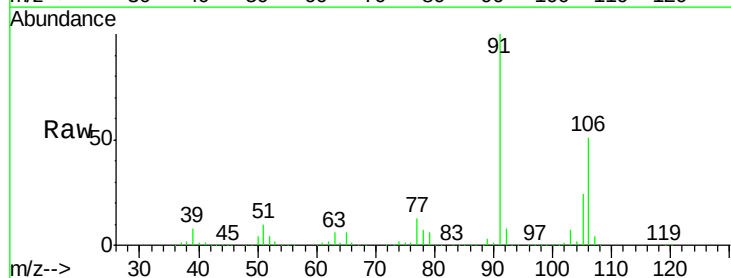
Instrument :
MSVOA_X
ClientSampleId :

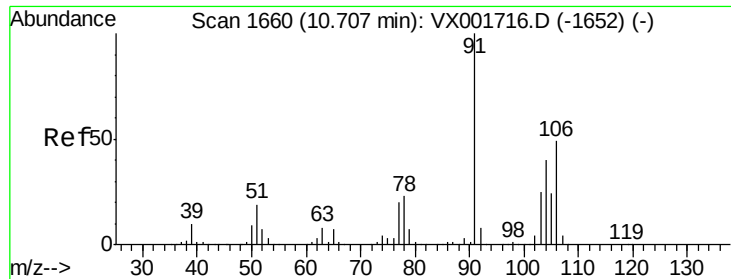
Tot Ion: 91 Resp: 644508
Ion Ratio Lower Upper
91 100
106 31.9 25.7 38.5



#68
m/p-Xylenes
Concen: 104.38 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Tgt Ion: 106 Resp: 510959
Ion Ratio Lower Upper
106 100
91 196.0 155.4 233.2

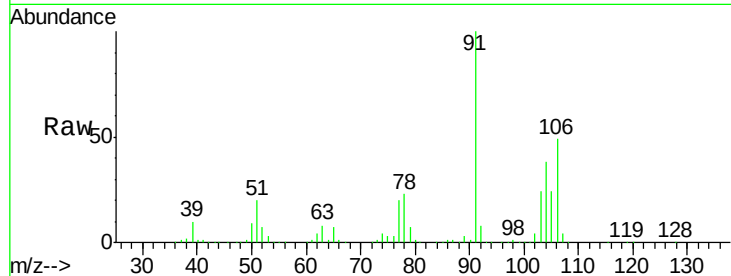




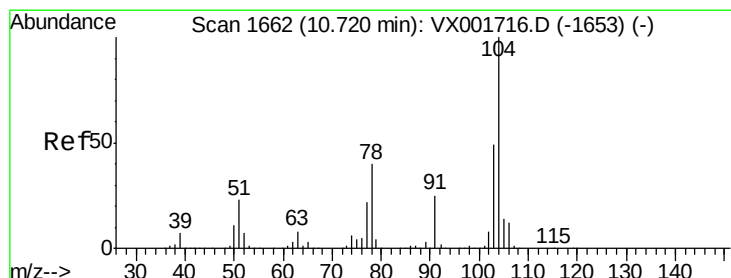
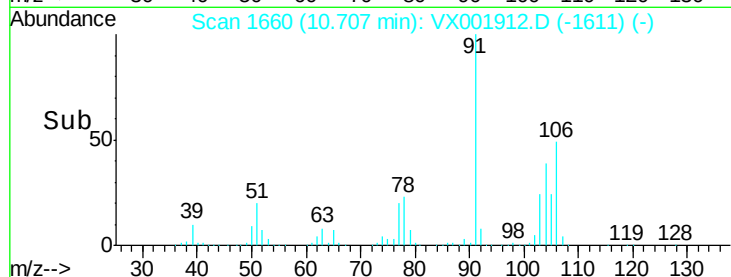
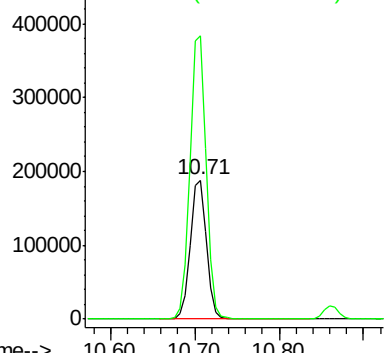
#69
o-Xylene
Concen: 53.52 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 250875
Ion Ratio Lower Upper
106 100
91 205.0 103.4 310.2

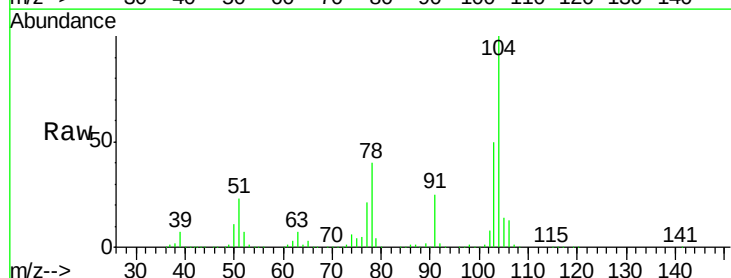


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

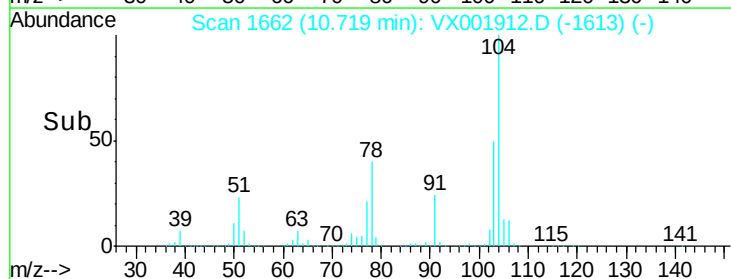
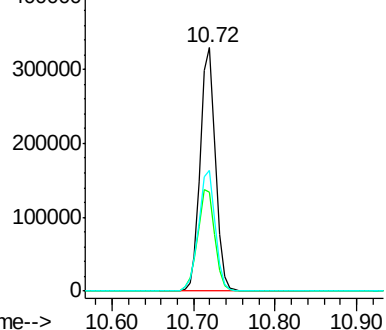


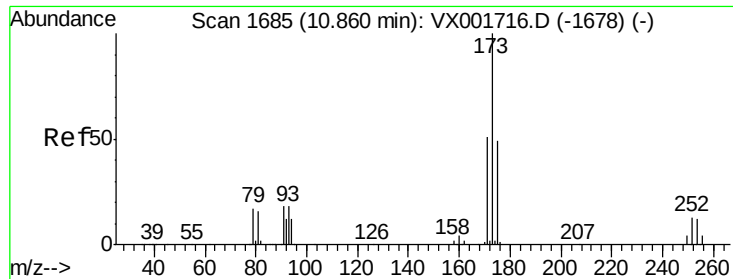
#70
Styrene
Concen: 54.45 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Tgt Ion:104 Resp: 420943
Ion Ratio Lower Upper
104 100
78 47.1 37.3 55.9
103 54.6 43.7 65.5



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





#71

Bromoform

Concen: 51.98 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

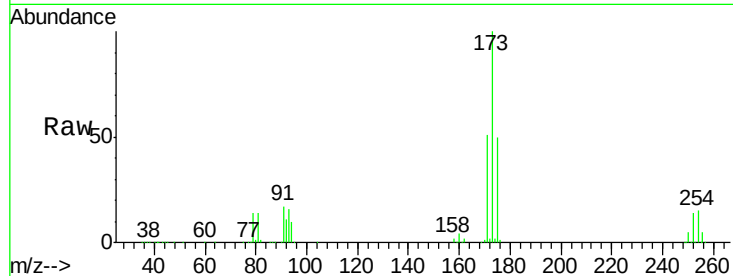
Tot Ion:173 Resp: 132961

Ion Ratio Lower Upper

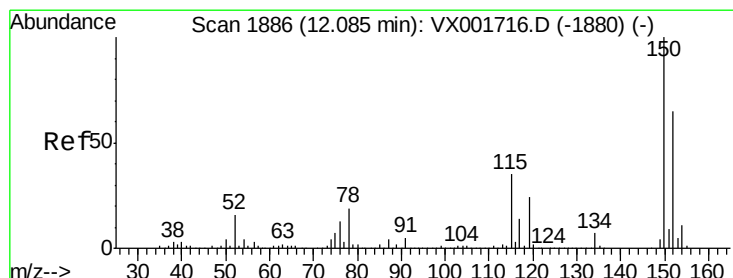
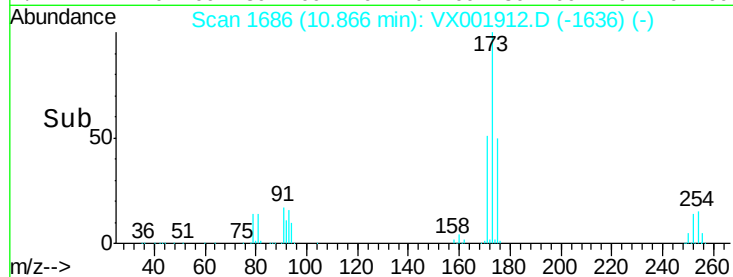
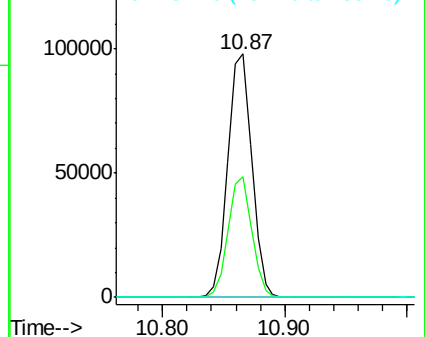
173 100

175 48.7 24.3 72.8

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

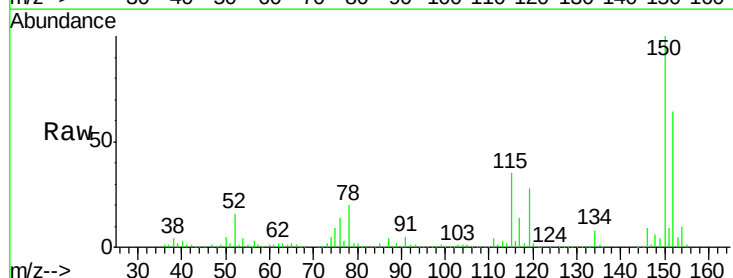
Tgt Ion:152 Resp: 190171

Ion Ratio Lower Upper

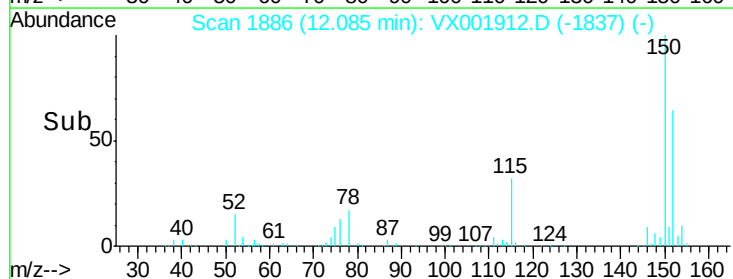
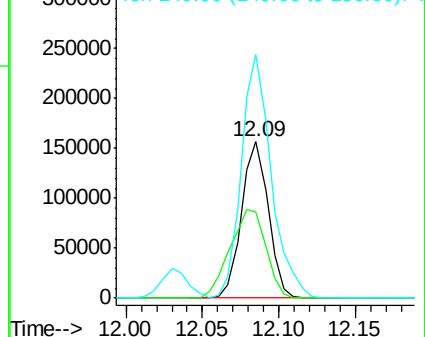
152 100

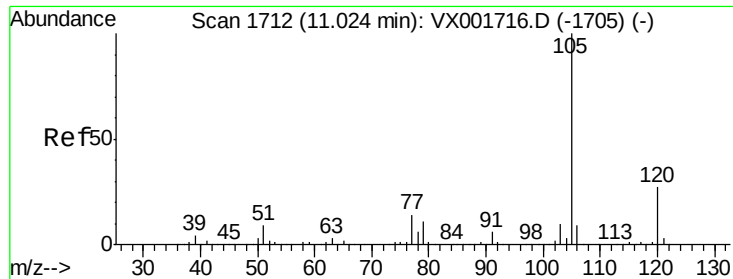
115 75.8 37.4 112.2

150 174.4 0.0 344.8



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





#73

Isopropylbenzene

Concen: 53.96 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

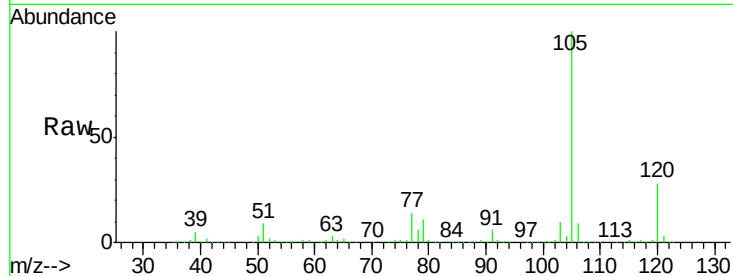
ClientSampleId :

Tot Ion:105 Resp: 675831

Ion Ratio Lower Upper

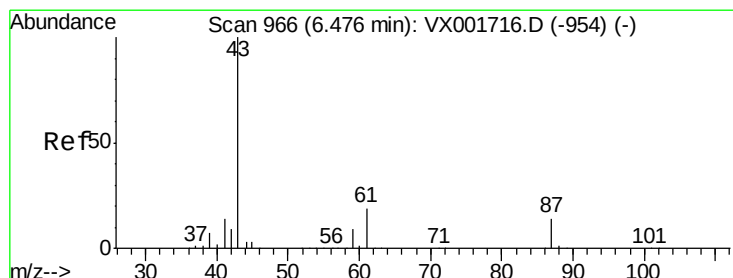
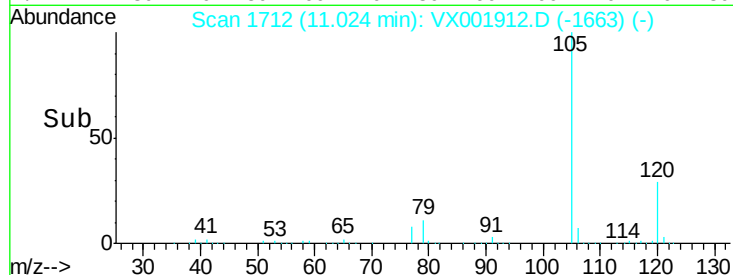
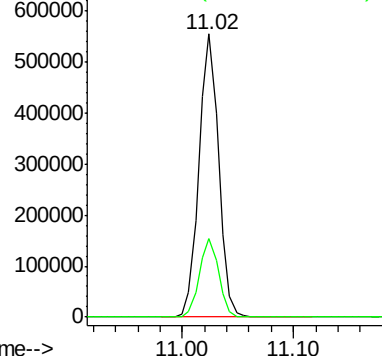
105 100

120 27.4 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 60.70 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Tgt Ion: 43 Resp: 364459

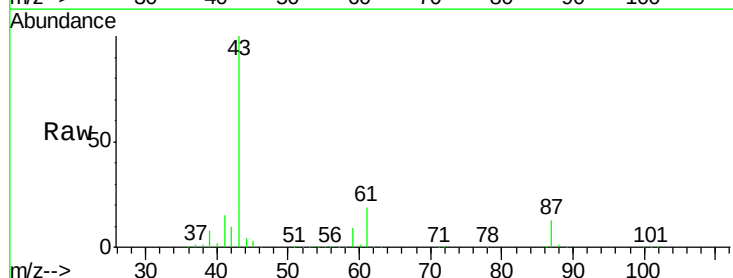
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 19.7 15.8 23.8

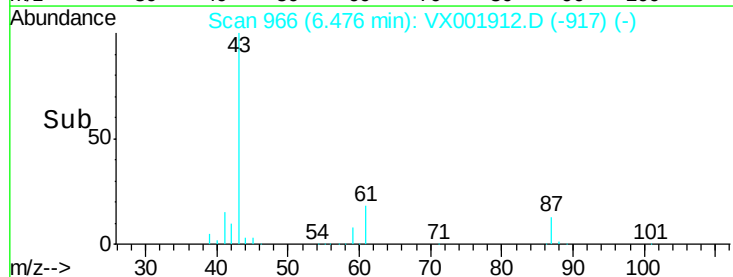
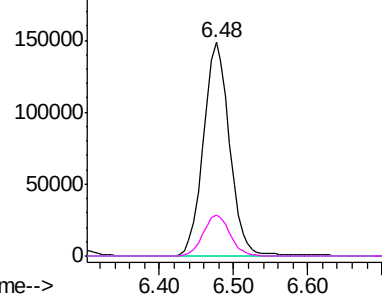


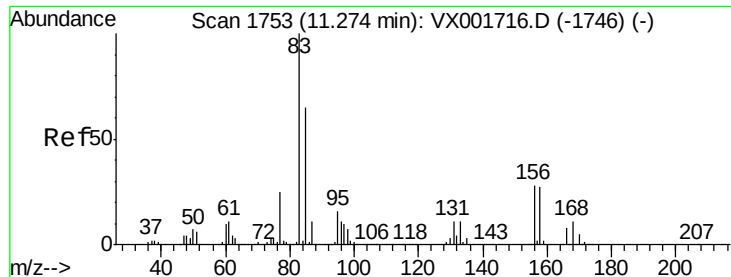
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 57.69 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

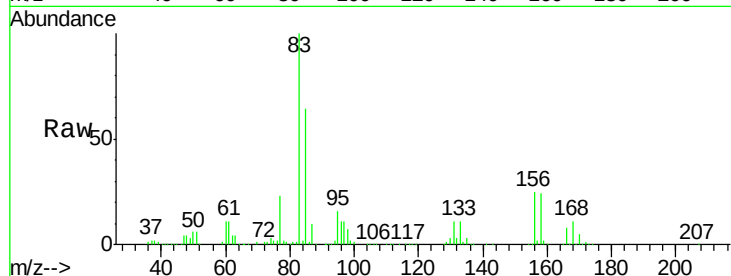
Tot Ion: 83 Resp: 216731

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.0

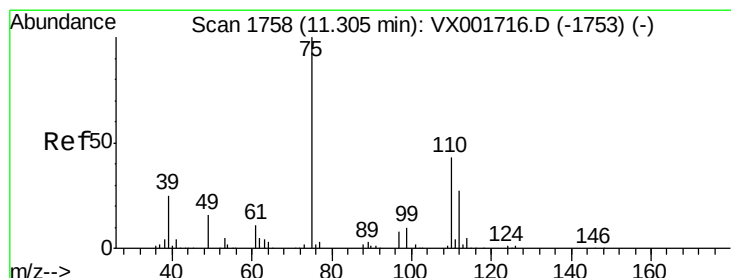
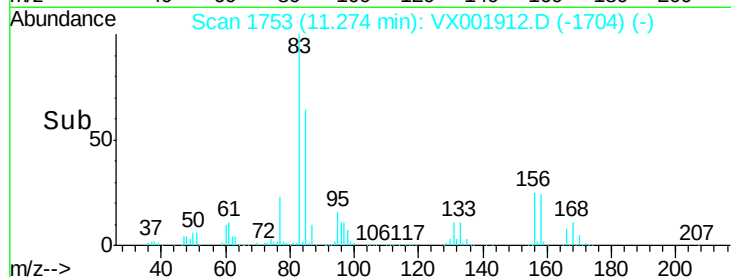
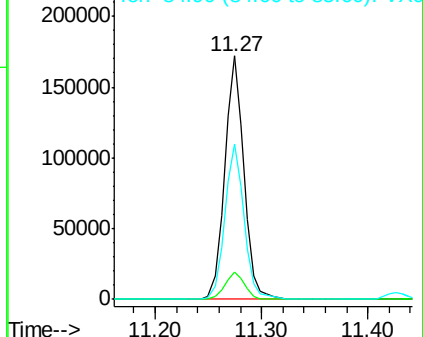
85 64.0 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 68.49 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001912.D

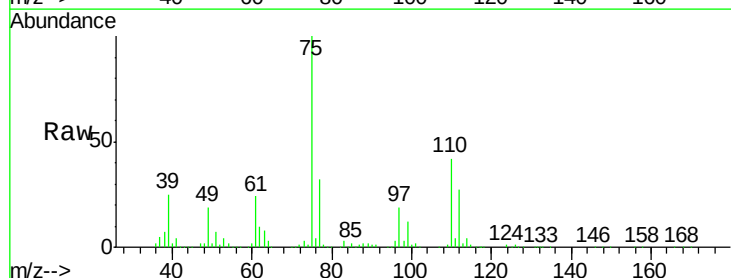
Acq: 22 May 2018 23:38

Tgt Ion: 75 Resp: 247677

Ion Ratio Lower Upper

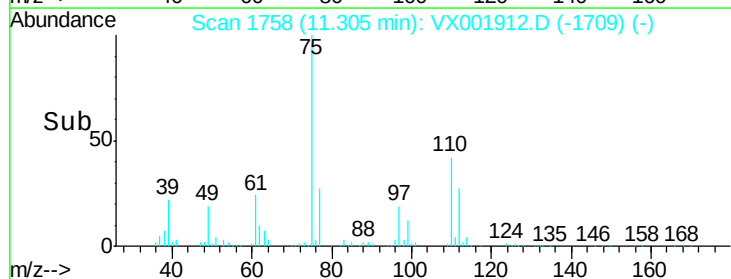
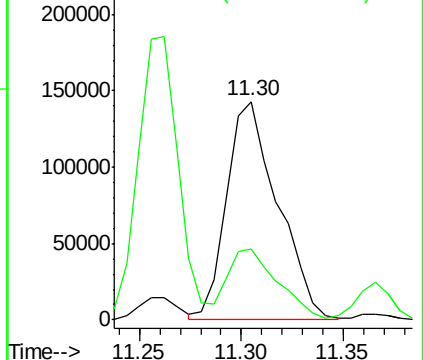
75 100

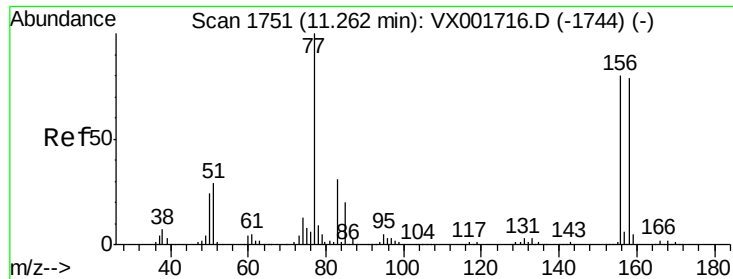
77 31.4 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.81 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

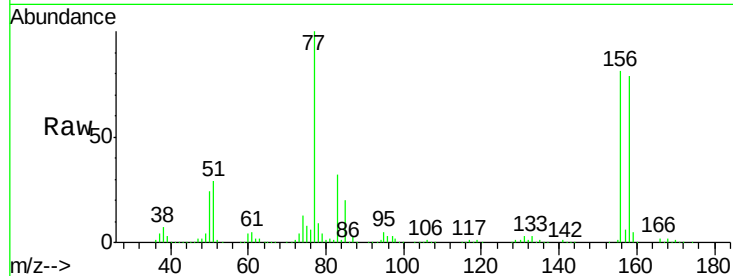
Tot Ion:156 Resp: 194343

Ion Ratio Lower Upper

156 100

77 131.3 65.3 196.0

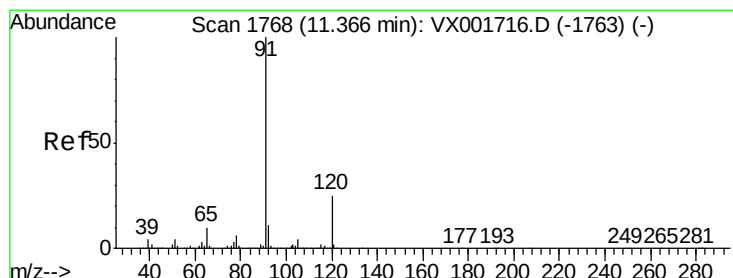
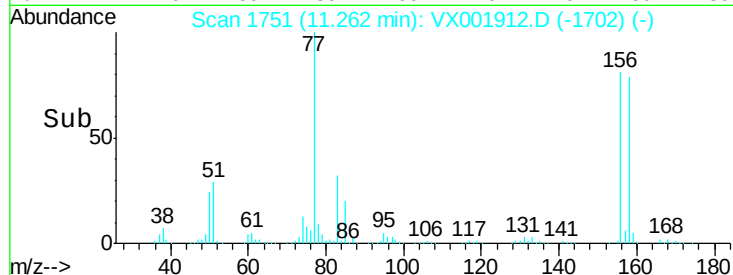
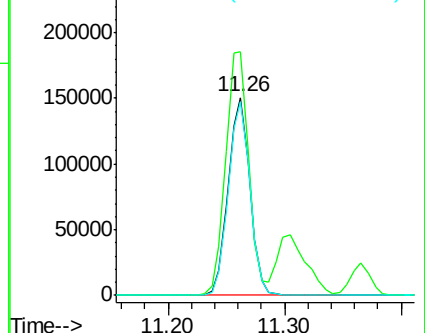
158 98.0 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.01 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001912.D

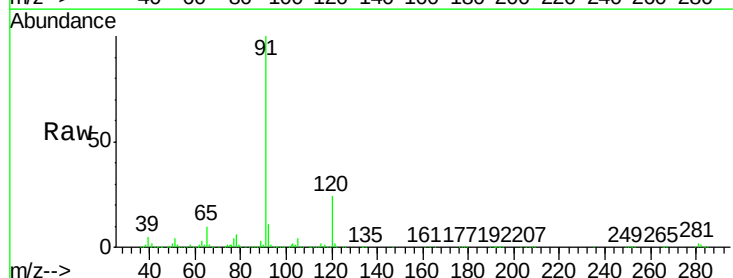
Acq: 22 May 2018 23:38

Tgt Ion: 91 Resp: 747891

Ion Ratio Lower Upper

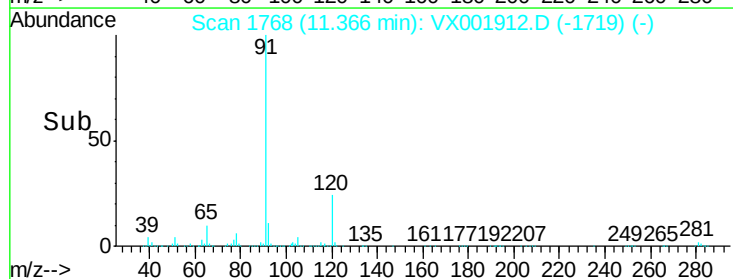
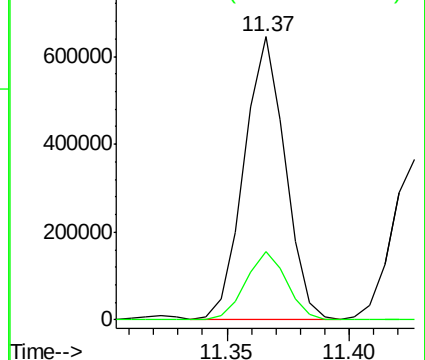
91 100

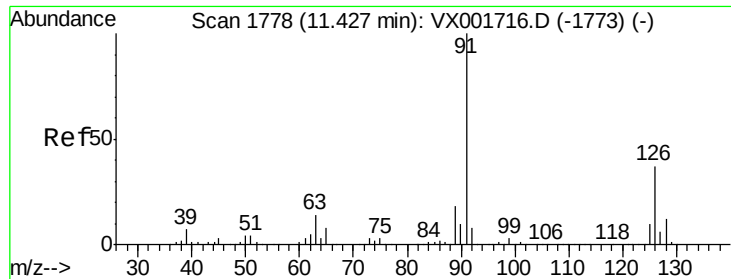
120 24.5 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

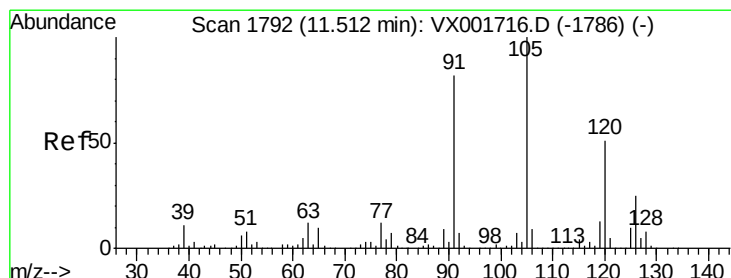
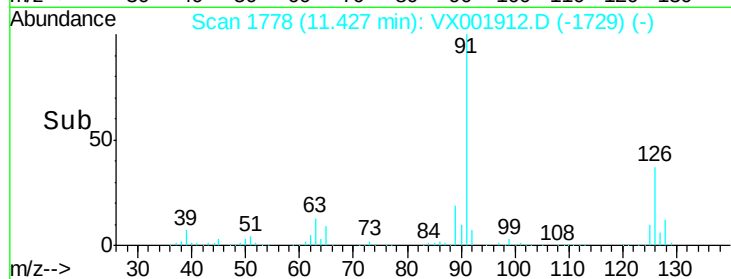
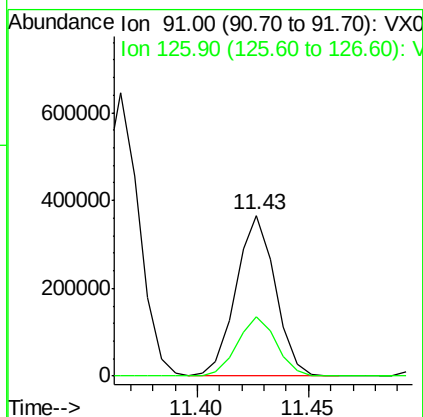
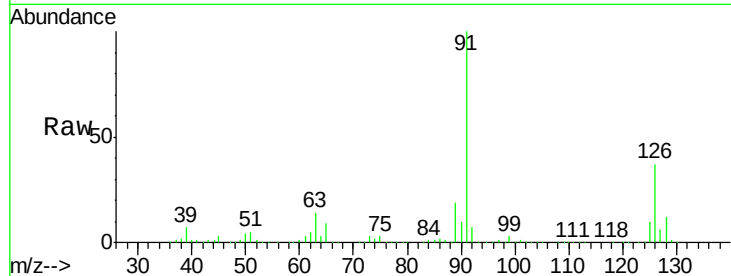




#79
 2-Chlorotoluene
 Concen: 53.02 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

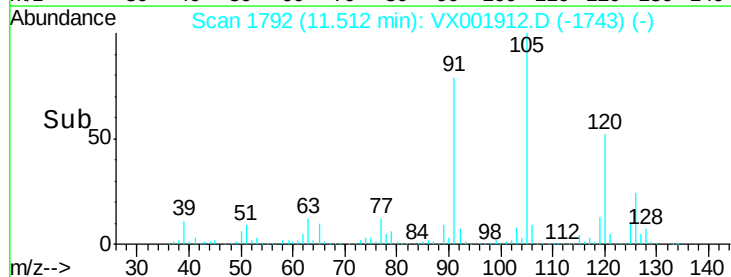
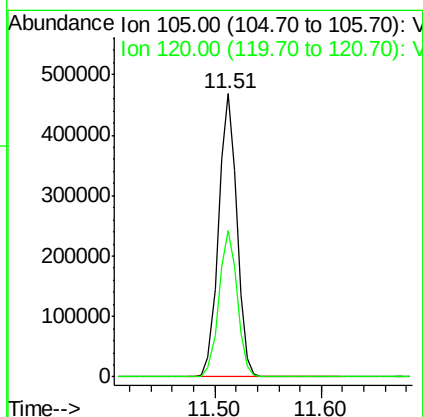
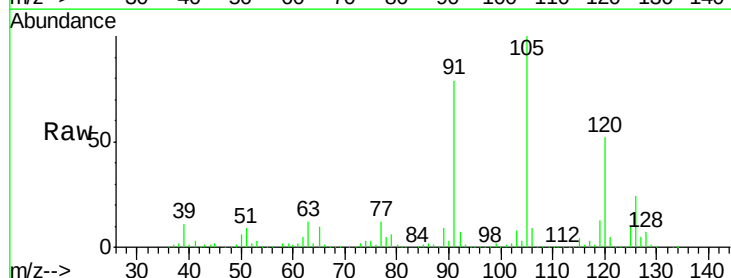
Instrument :
 MSVOA_X
 ClientSampleId :

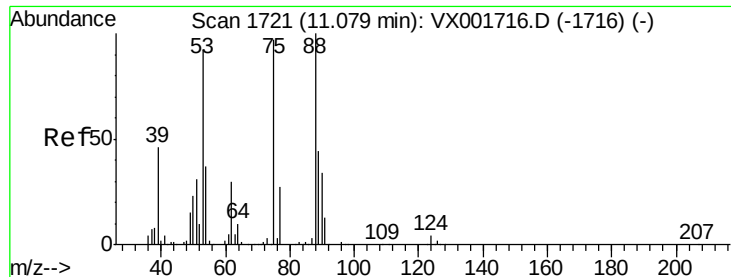
Tot Ion: 91 Resp: 447442
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 54.25 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

Tgt Ion: 105 Resp: 557358
 Ion Ratio Lower Upper
 105 100
 120 51.8 25.7 77.0





#81

trans-1,4-Dichloro-2-butene

Concen: 44.39 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

ClientSampled :

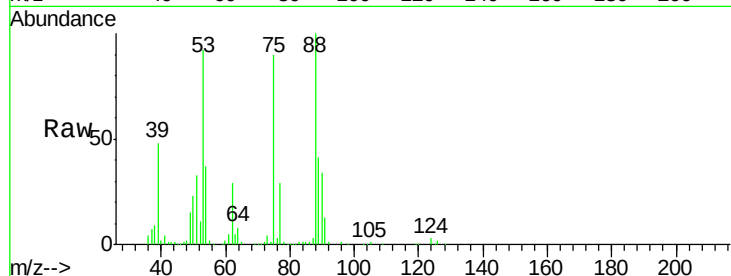
Tot Ion: 75 Resp: 53386

Ion Ratio Lower Upper

75 100

53 104.8 79.4 119.2

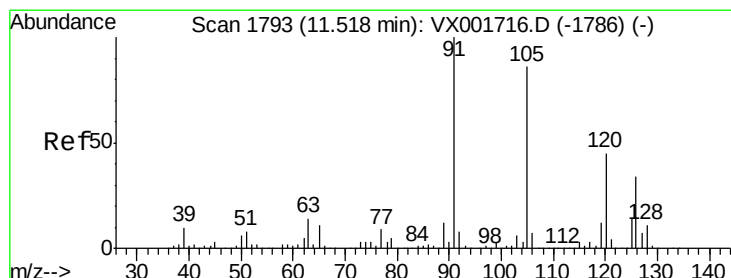
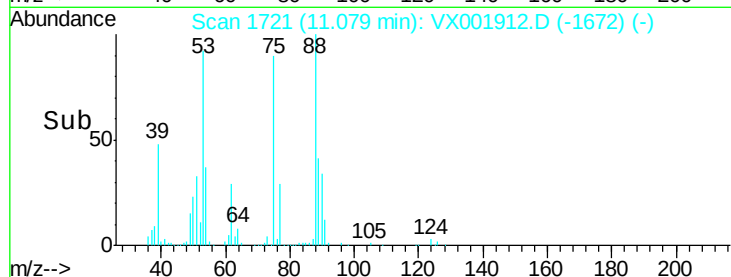
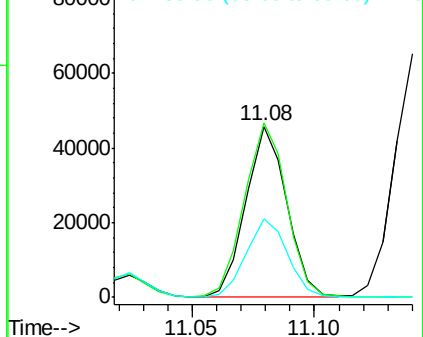
89 46.8 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 52.59 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001912.D

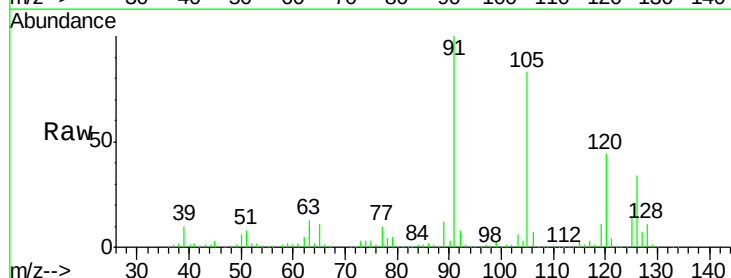
Acq: 22 May 2018 23:38

Tgt Ion: 91 Resp: 522801

Ion Ratio Lower Upper

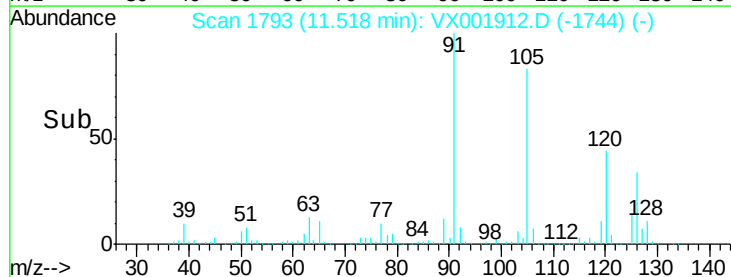
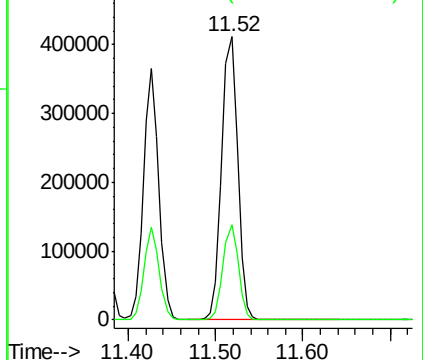
91 100

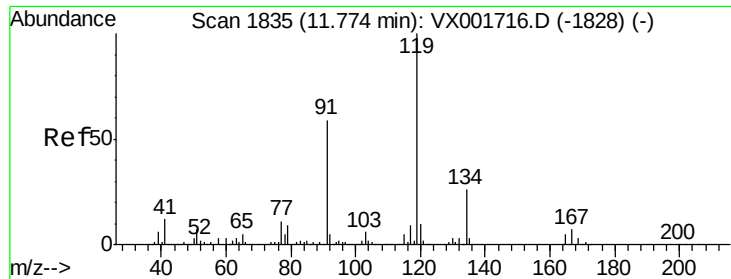
126 32.3 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

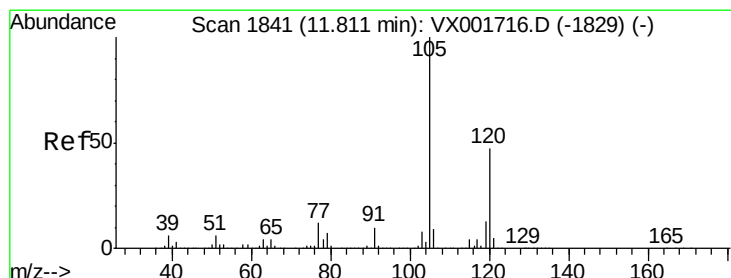
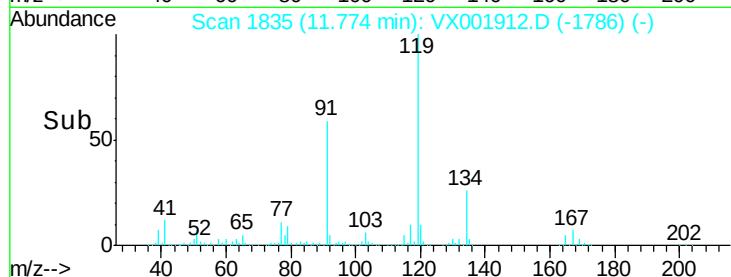
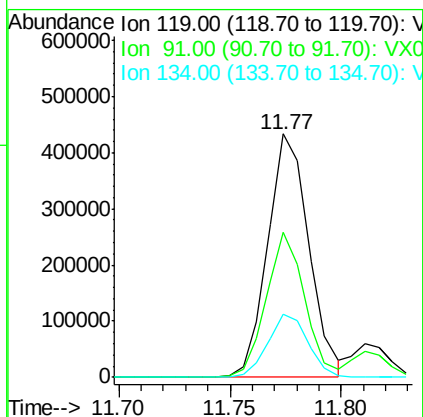
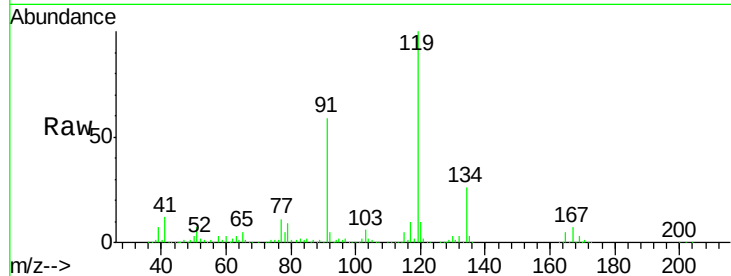




#83
 tert-Butylbenzene
 Concen: 54.48 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

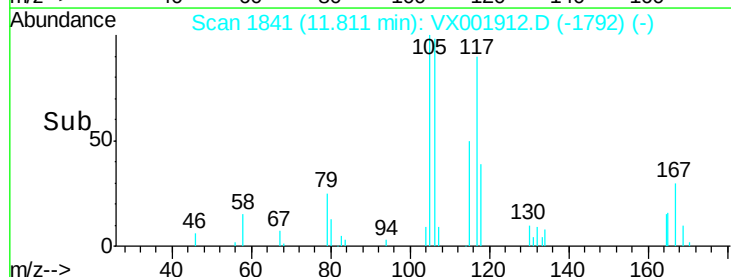
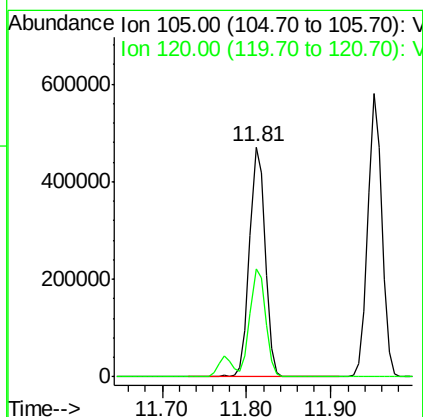
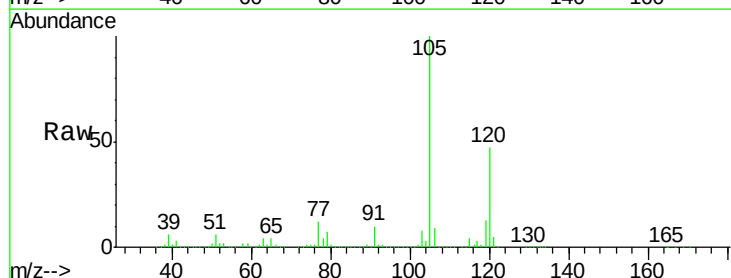
Instrument :
 MSVOA_X
 ClientSampled :

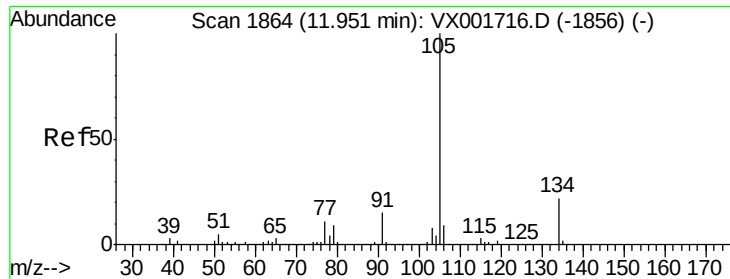
Tot Ion:119 Resp: 557000
 Ion Ratio Lower Upper
 119 100
 91 55.3 27.7 83.0
 134 25.2 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 54.61 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

Tgt Ion:105 Resp: 581012
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.5 70.5





#85

sec-Butylbenzene

Concen: 53.88 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

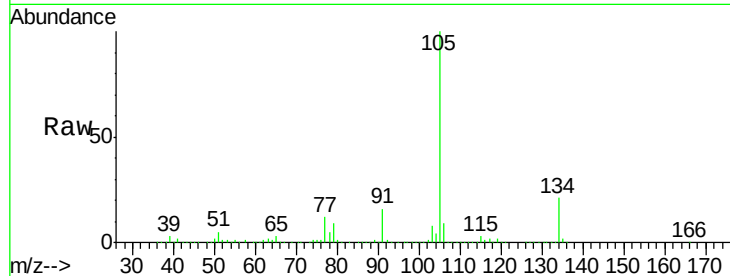
ClientSampleId :

Tot Ion:105 Resp: 679984

Ion Ratio Lower Upper

105 100

134 21.7 10.9 32.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

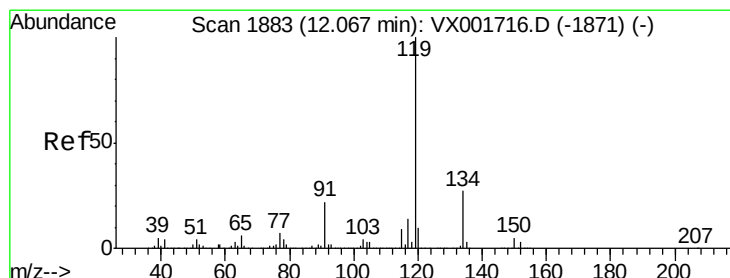
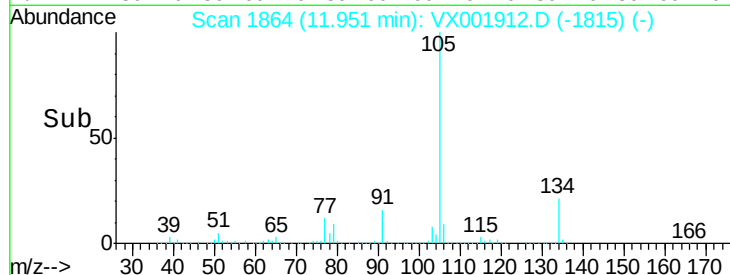
400000

200000

0

11.95

Time-->



#86

p-Isopropyltoluene

Concen: 53.50 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

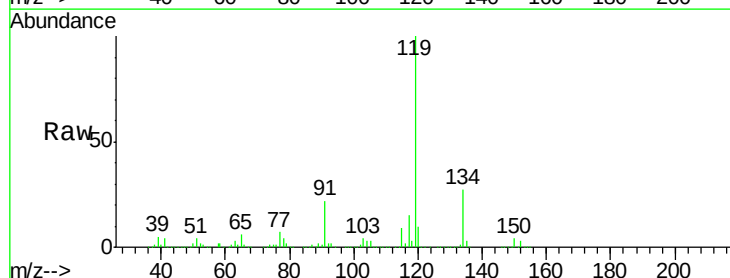
Tgt Ion:119 Resp: 624854

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

91 21.1 10.7 32.1



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

600000

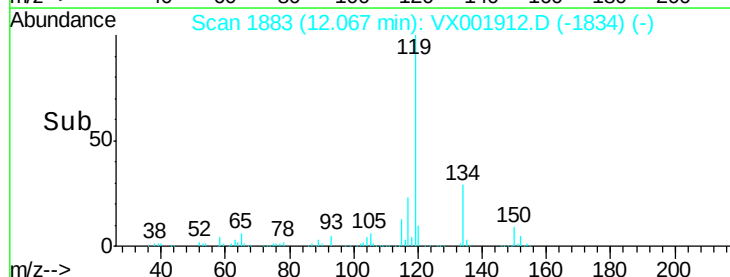
400000

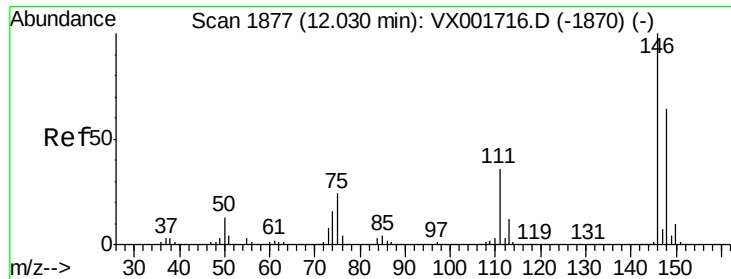
200000

0

12.07

Time-->

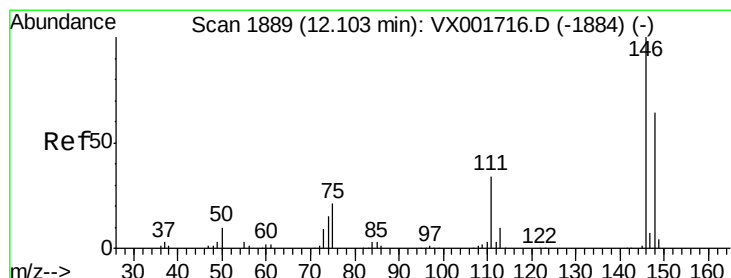
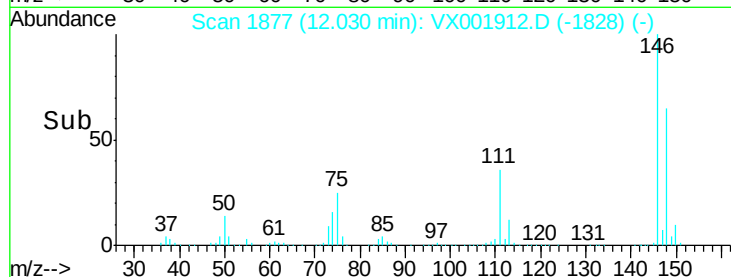
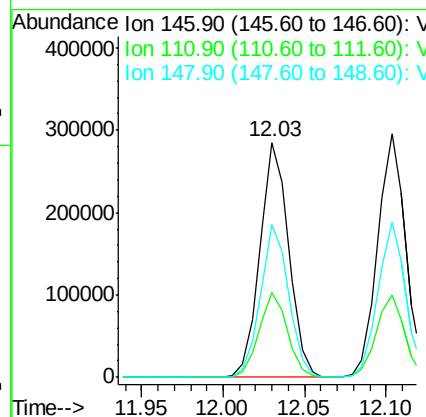
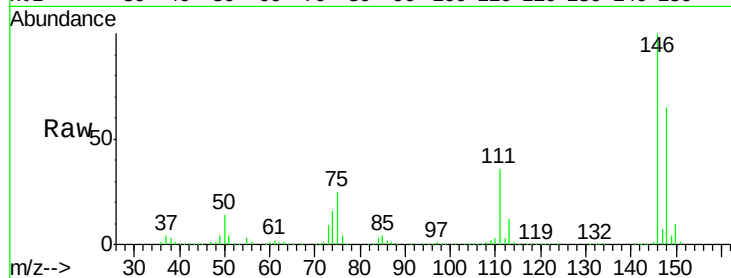




#87
 1,3-Dichlorobenzene
 Concen: 51.28 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

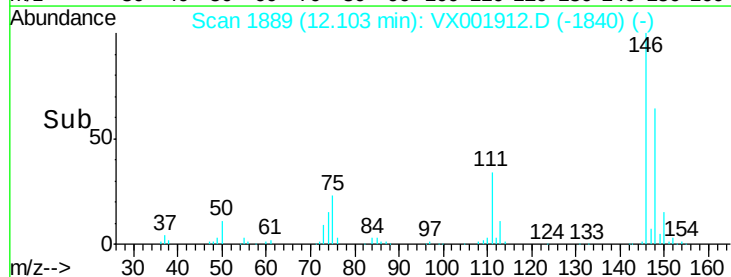
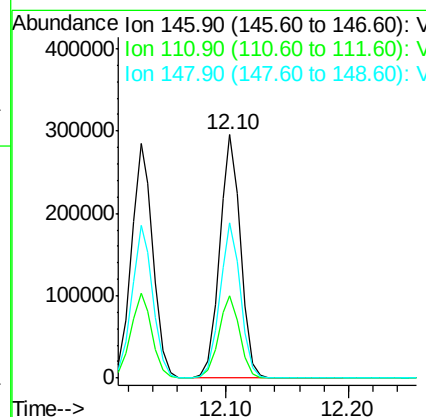
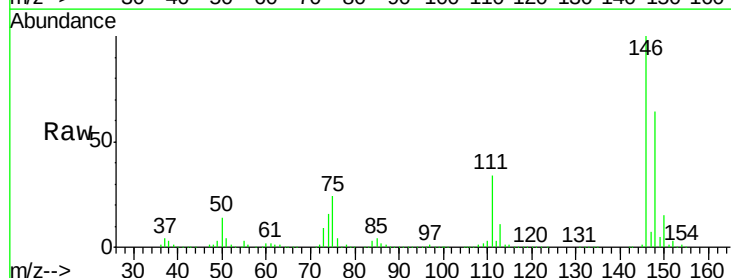
Instrument :
 MSVOA_X
 ClientSampleId :

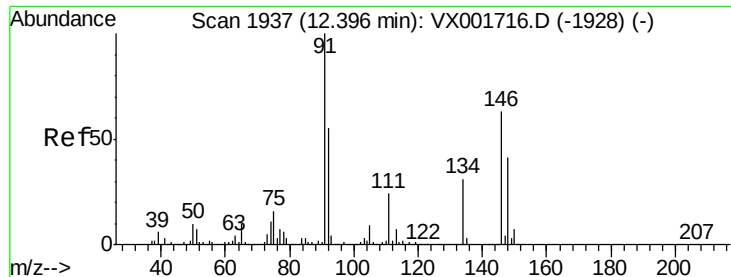
Tot Ion	Ratio	Lower	Upper
146	100		
111	35.7	17.8	53.4
148	64.0	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 50.05 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.3	17.3	52.0
148	63.4	32.3	96.9

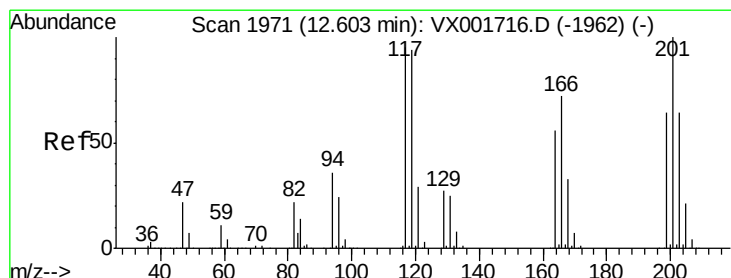
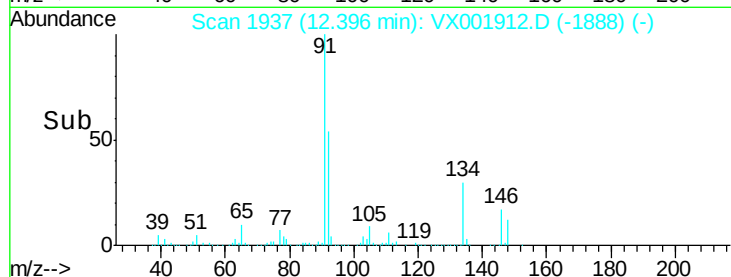
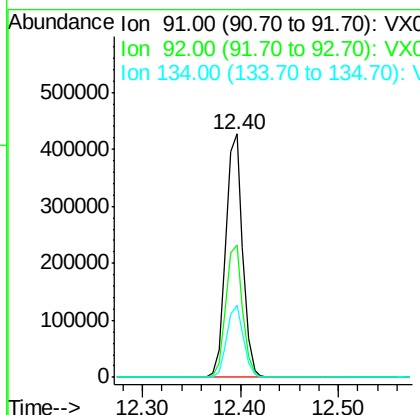
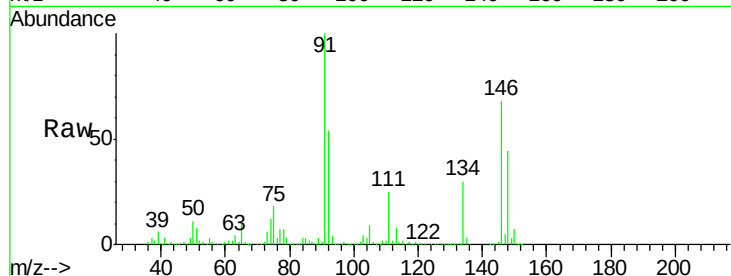




#89
n-Butylbenzene
Concen: 50.21 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

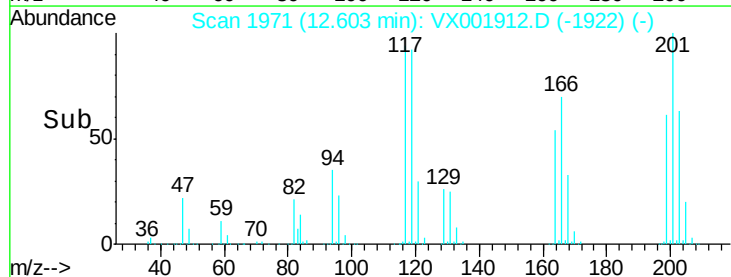
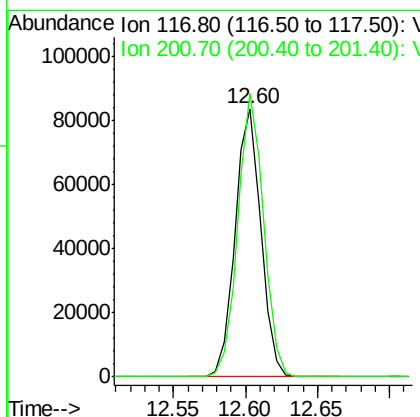
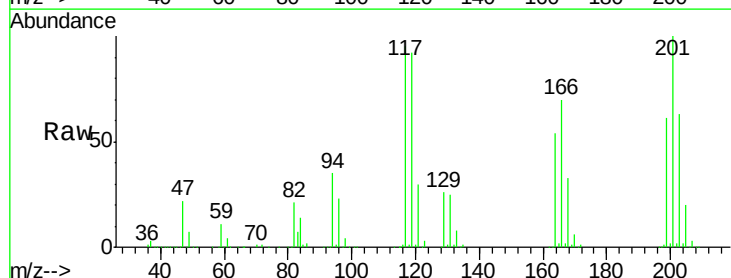
Instrument :
MSVOA_X
ClientSampled :

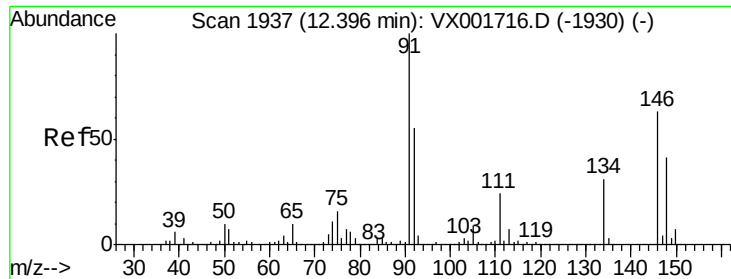
Tot Ion: 91 Resp: 507190
Ion Ratio Lower Upper
91 100
92 54.2 27.3 81.9
134 29.3 14.7 44.1



#90
Hexachloroethane
Concen: 57.57 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Tgt Ion: 117 Resp: 104427
Ion Ratio Lower Upper
117 100
201 104.6 51.9 155.7

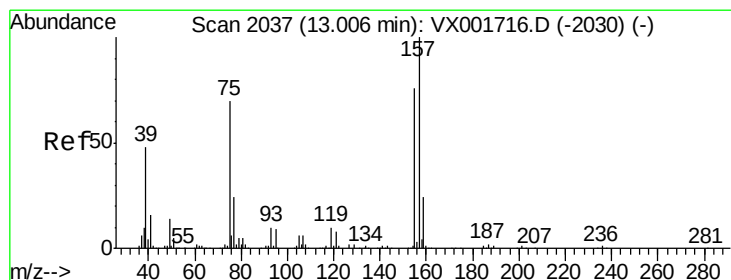
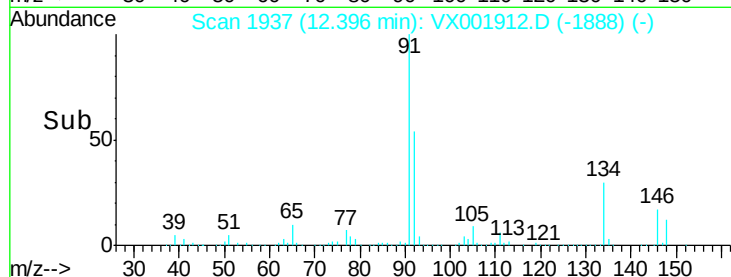
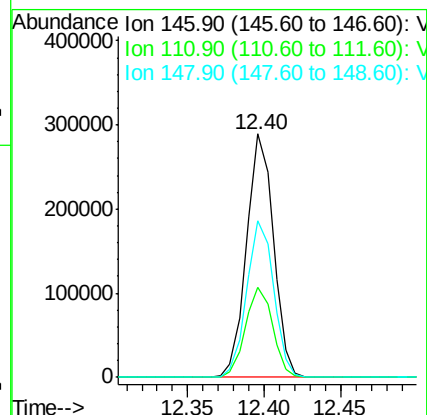
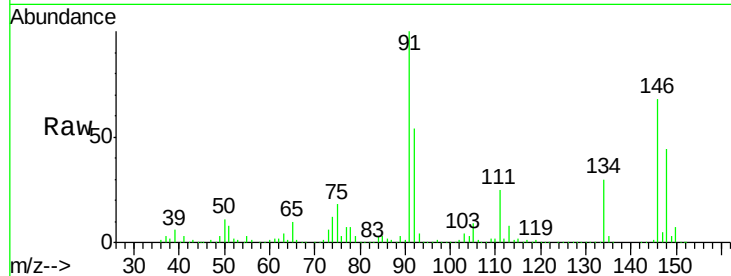




#91
 1,2-Dichlorobenzene
 Concen: 52.30 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

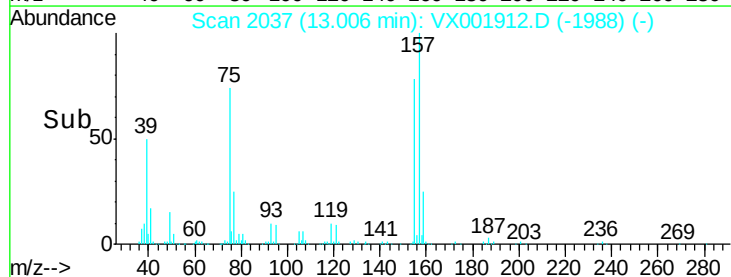
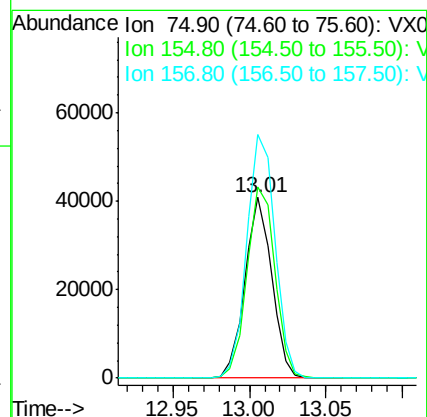
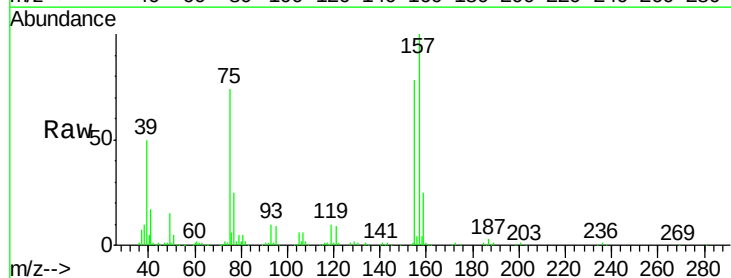
Instrument :
 MSVOA_X
 ClientSampleId :

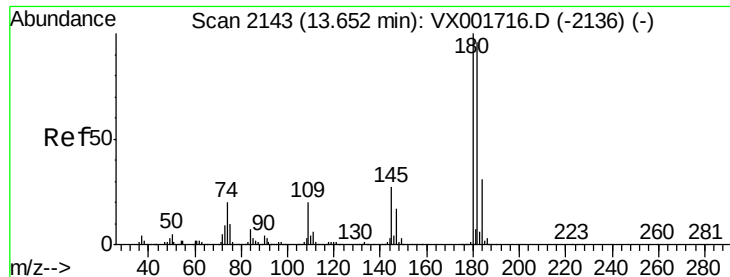
Tot Ion:146 Resp: 354614
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.6 56.0
 148 64.7 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 62.17 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

Tgt Ion: 75 Resp: 49851
 Ion Ratio Lower Upper
 75 100
 155 110.1 53.9 161.8
 157 141.9 71.0 213.2

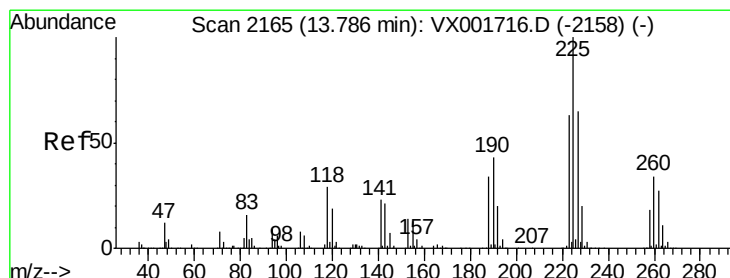
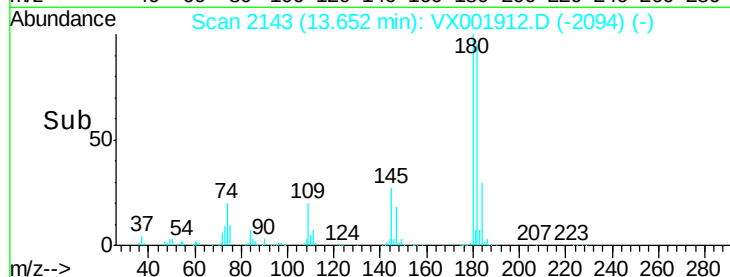
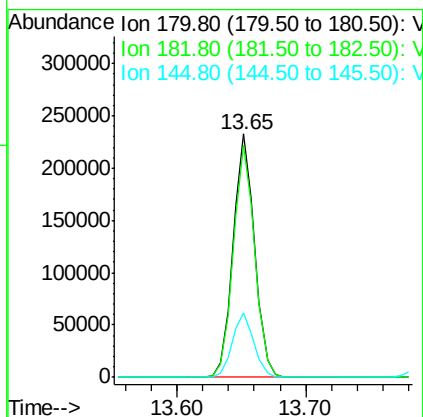
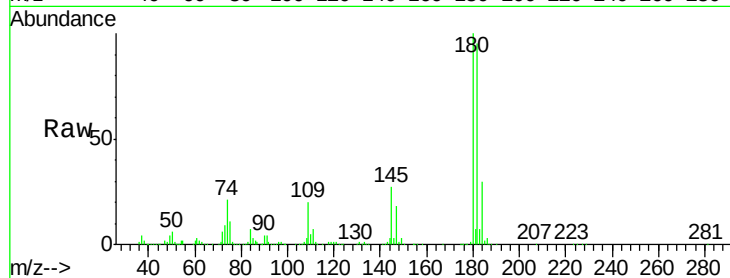




#93
 1,2,4-Trichlorobenzene
 Concen: 50.01 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

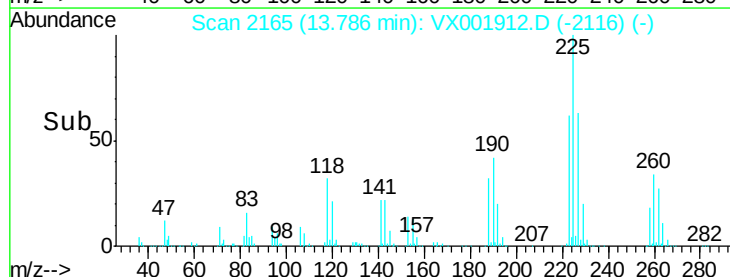
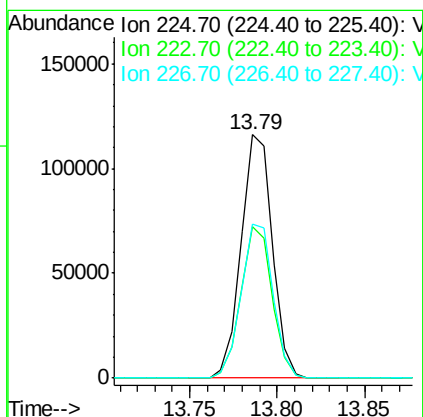
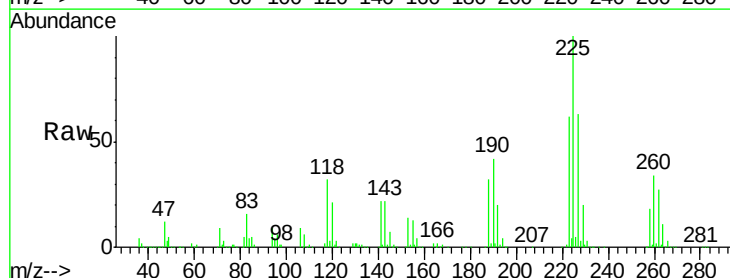
Instrument :
 MSVOA_X
 ClientSampled :

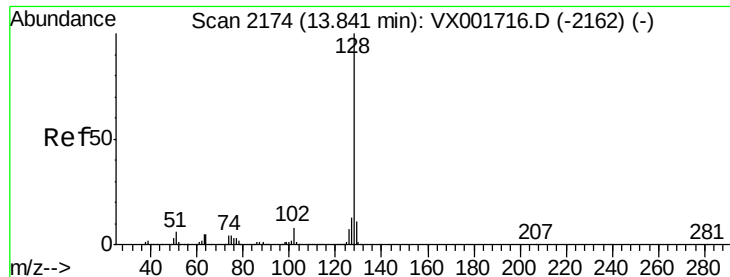
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.6	142.9
145	26.6	13.4	40.1



#94
 Hexachlorobutadiene
 Concen: 49.65 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.1	93.5
227	64.6	31.9	95.5

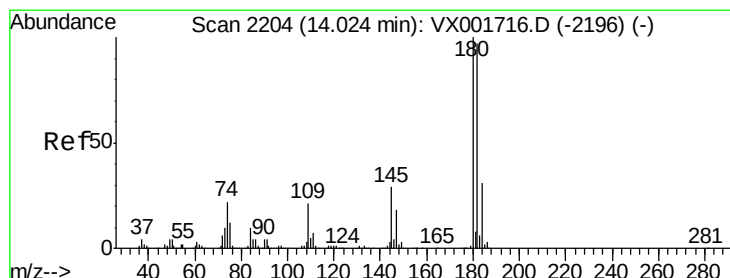
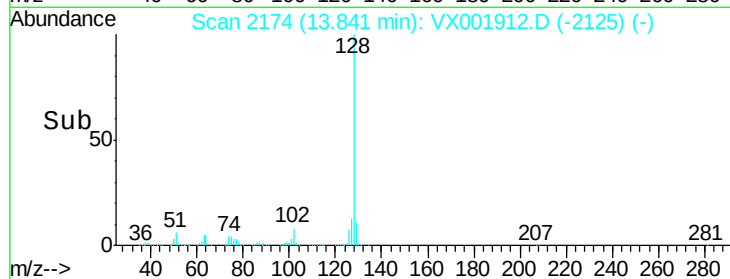
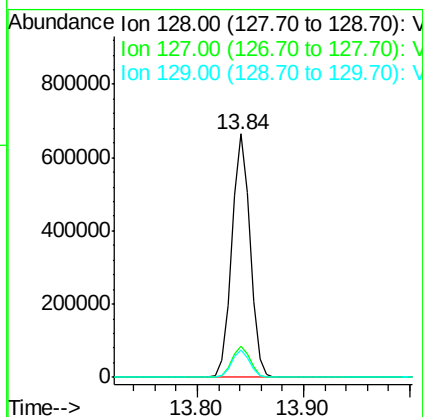
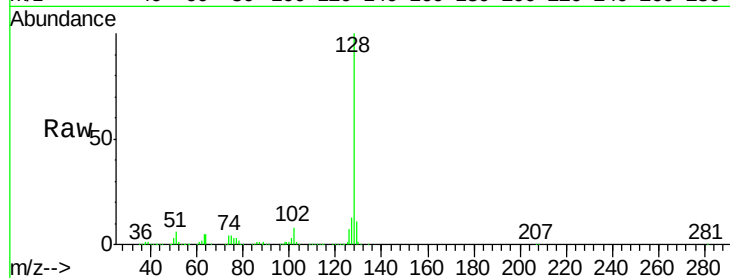




#95
Naphthalene
Concen: 56.90 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.0	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 52.08 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.9	143.7
145	28.1	14.2	42.8

