

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002017.D
 Acq On : 26 May 2018 14:12
 Operator : JC/MD
 Sample : VX0526WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 28 00:30:12 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	291406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	392376	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	362936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	241222	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	210258	40.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.74%	
35) Dibromofluoromethane	5.51	113	165272	42.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.24%	
50) Toluene-d8	8.72	98	614846	43.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.56%	
62) 4-Bromofluorobenzene	11.14	95	234910	42.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	65522	16.61	ug/l	96
3) Chloromethane	1.32	50	75721	16.89	ug/l	100
4) Vinyl Chloride	1.40	62	76804	17.74	ug/l	99
5) Bromomethane	1.64	94	42476	20.75	ug/l	100
6) Chloroethane	1.73	64	49279	19.31	ug/l	99
7) Trichlorofluoromethane	1.93	101	124598	19.16	ug/l	100
8) Diethyl Ether	2.19	74	45764	19.40	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	72068	19.87	ug/l	99
10) Methyl Iodide	2.51	142	75835	15.45	ug/l	97
11) Tert butyl alcohol	3.07	59	90811	88.82	ug/l	99
12) 1,1-Dichloroethene	2.37	96	63193	18.60	ug/l	96
13) Acrolein	2.29	56	35924	81.26	ug/l	99
14) Allyl chloride	2.73	41	136291	19.12	ug/l	99
15) Acrylonitrile	3.15	53	193762	92.15	ug/l	100
16) Acetone	2.45	43	190654	94.84	ug/l	100
17) Carbon Disulfide	2.57	76	174712	17.87	ug/l	99
18) Methyl Acetate	2.78	43	98556	19.66	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	240576	18.83	ug/l	98
20) Methylene Chloride	2.86	84	70337	19.18	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	66707	19.20	ug/l	97
22) Diisopropyl ether	3.87	45	248751	17.15	ug/l	95
23) Vinyl Acetate	3.83	43	1101442	91.60	ug/l	99
24) 1,1-Dichloroethane	3.70	63	132223	19.19	ug/l	100
25) 2-Butanone	4.71	43	293209	79.58	ug/l	100
26) 2,2-Dichloropropane	4.59	77	118358	16.97	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	73529	16.60	ug/l	91
28) Bromochloromethane	5.03	49	54142	17.37	ug/l	99
29) Tetrahydrofuran	5.17	42	188711	78.72	ug/l	100
30) Chloroform	5.22	83	128066	16.50	ug/l	99
31) Cyclohexane	5.57	56	122240	17.03	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	119136	16.47	ug/l	99
36) 1,1-Dichloropropene	5.80	75	94513	17.32	ug/l	99
37) Ethyl Acetate	4.87	43	115594	16.25	ug/l	99
38) Carbon Tetrachloride	5.78	117	106436	16.72	ug/l	98

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 28 00:30:12 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	124322	18.54	ug/l	98
40) Benzene	6.15	78	281965	17.63	ug/l	98
41) Methacrylonitrile	5.07	41	65963	16.66	ug/l	99
42) 1,2-Dichloroethane	6.20	62	109501	17.14	ug/l	100
43) Isopropyl Acetate	6.47	43	199703	16.84	ug/l	100
44) Trichloroethene	7.22	130	81878	17.57	ug/l	100
45) 1,2-Dichloropropane	7.52	63	76080	17.52	ug/l	99
46) Dibromomethane	7.67	93	50121	17.43	ug/l	99
47) Bromodichloromethane	7.90	83	101591	16.57	ug/l	99
48) Methyl methacrylate	7.78	41	101263	16.78	ug/l	99
49) 1,4-Dioxane	7.76	88	34010	319.85	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	609416	85.27	ug/l	99
52) Toluene	8.79	92	177031	17.40	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	121590	17.22	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	115328	16.76	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	74379	17.50	ug/l	99
56) Ethyl methacrylate	9.18	69	120472	16.48	ug/l	99
57) 1,3-Dichloropropane	9.38	76	122923	17.55	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	337554	104.16	ug/l	100
59) 2-Hexanone	9.50	43	469820	85.26	ug/l	99
60) Dibromochloromethane	9.59	129	81493	16.19	ug/l	100
61) 1,2-Dibromoethane	9.68	107	76855	17.23	ug/l	100
64) Tetrachloroethene	9.34	164	91716	17.63	ug/l	97
65) Chlorobenzene	10.14	112	204288	17.77	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	78347	16.87	ug/l	99
67) Ethyl Benzene	10.26	91	355244	17.78	ug/l	99
68) m/p-Xylenes	10.37	106	265871	34.81	ug/l	98
69) o-Xylene	10.70	106	133108	17.46	ug/l	99
70) Styrene	10.71	104	218535	17.28	ug/l	100
71) Bromoform	10.87	173	65884	14.96	ug/l #	98
73) Isopropylbenzene	11.02	105	361550	17.70	ug/l	99
74) N-amyl acetate	6.47	43	199703	16.75	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	104040	17.81	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	132243	22.82	ug/l	81
77) Bromobenzene	11.26	156	93115	17.18	ug/l	98
78) n-propylbenzene	11.37	91	408230	17.84	ug/l	99
79) 2-Chlorotoluene	11.43	91	244133	17.98	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	303980	17.41	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	36357	15.08	ug/l	93
82) 4-Chlorotoluene	11.51	91	281581	17.45	ug/l	100
83) tert-Butylbenzene	11.77	119	299192	17.47	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	313286	17.37	ug/l	100
85) sec-Butylbenzene	11.95	105	368787	17.91	ug/l	99
86) p-Isopropyltoluene	12.07	119	331983	18.02	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	171279	17.65	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	169392	17.46	ug/l	99
89) n-Butylbenzene	12.39	91	284094	18.20	ug/l	100
90) Hexachloroethane	12.60	117	58169	16.00	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	173163	17.51	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	27256	15.01	ug/l	98

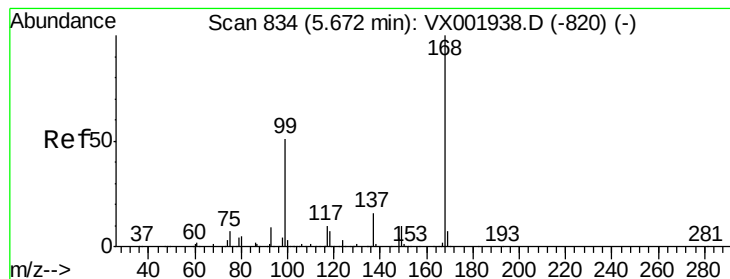
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
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Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	123773	17.50	ug/l	99
94) Hexachlorobutadiene	13.79	225	69398	18.24	ug/l	99
95) Naphthalene	13.84	128	370736	17.02	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	128244	17.53	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

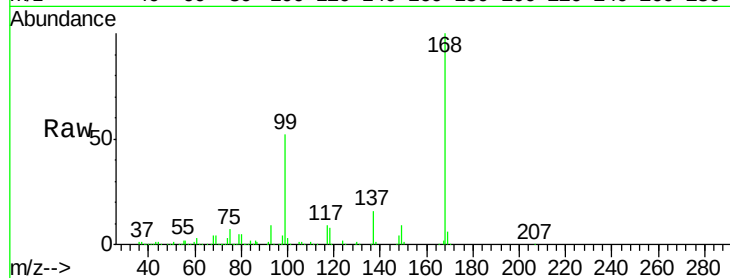
ClientSampleId :

Tot Ion:168 Resp: 291406

Ion Ratio Lower Upper

168 100

99 51.5 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

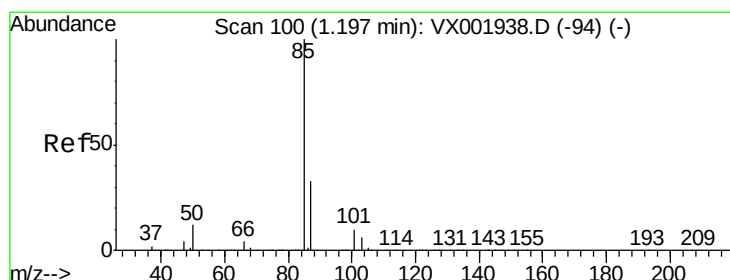
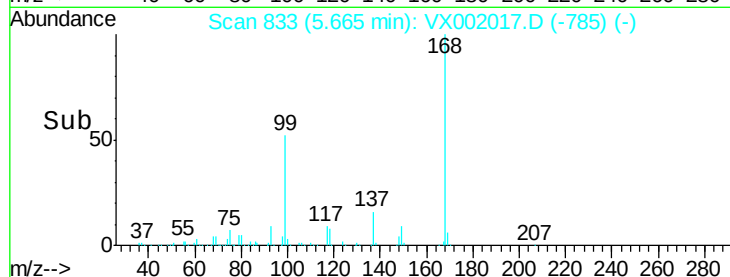
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.61 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002017.D

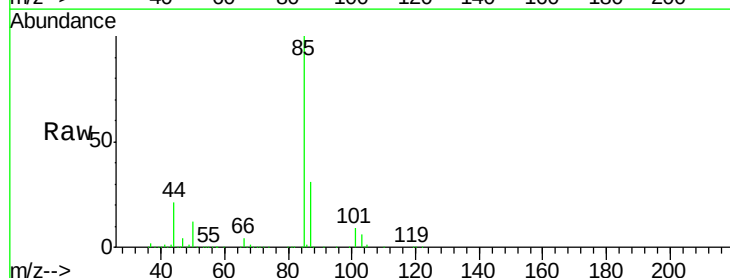
Acq: 26 May 2018 14:12

Tgt Ion: 85 Resp: 65522

Ion Ratio Lower Upper

85 100

87 30.9 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

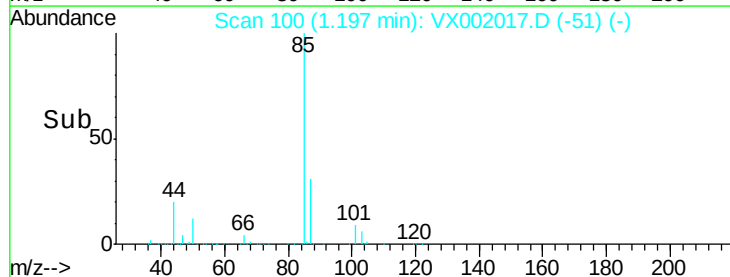
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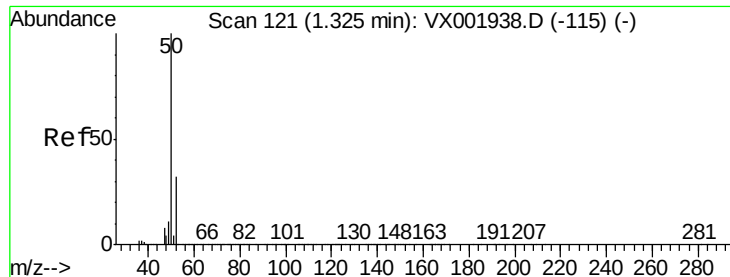
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Time-->

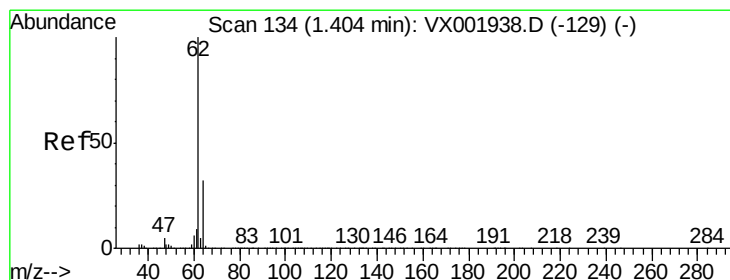
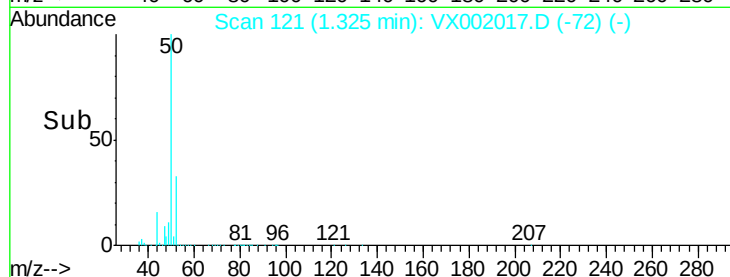
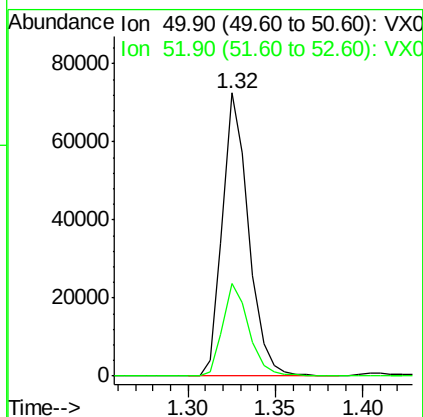
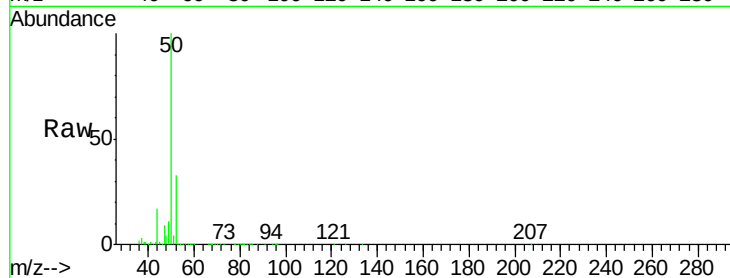




#3
Chloromethane
Concen: 16.89 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

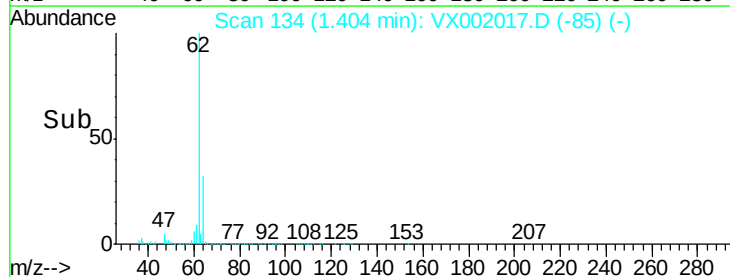
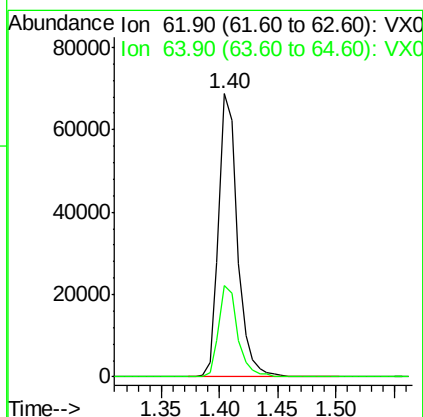
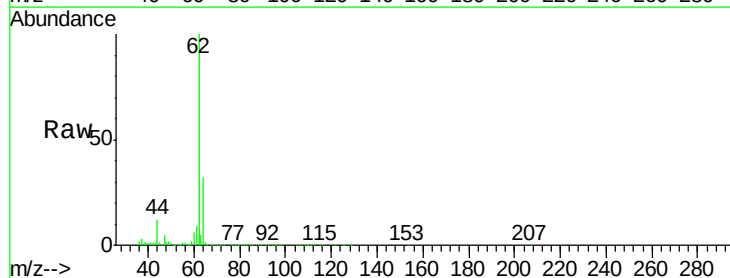
Instrument :
MSVOA_X
ClientSampled :

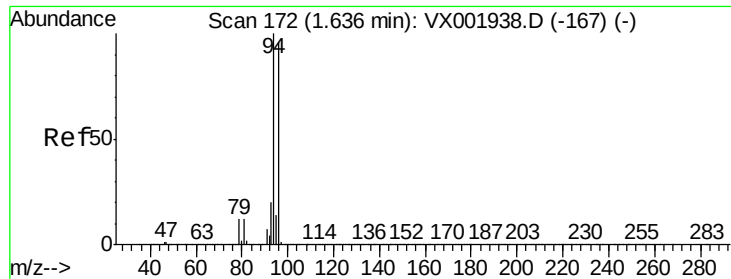
Tot Ion: 50 Resp: 75721
Ion Ratio Lower Upper
50 100
52 32.7 26.0 39.0



#4
Vinyl Chloride
Concen: 17.74 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion: 62 Resp: 76804
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0





#5

Bromomethane

Concen: 20.75 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

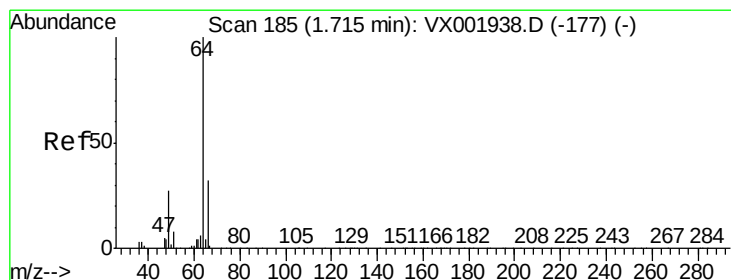
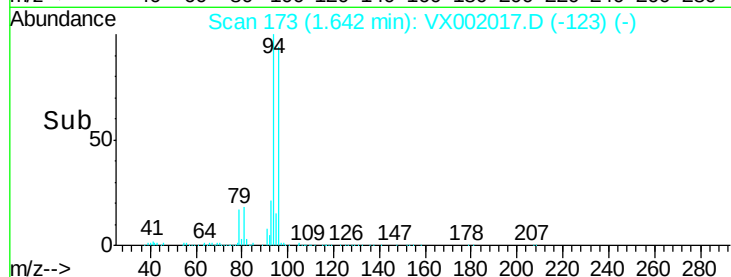
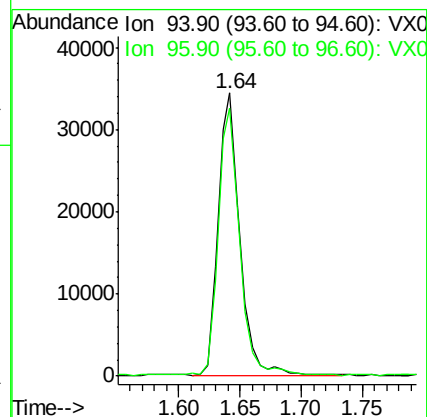
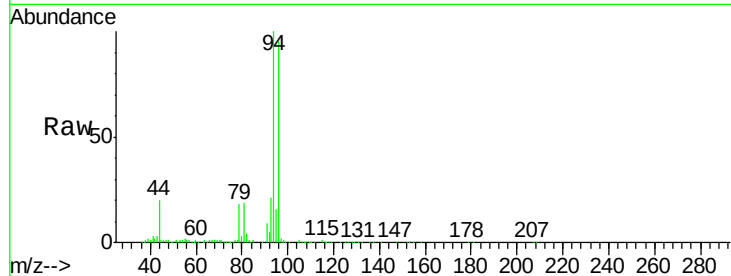
ClientSampleId :

Tot Ion: 94 Resp: 42476

Ion Ratio Lower Upper

94 100

96 94.5 75.9 113.9



#6

Chloroethane

Concen: 19.31 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002017.D

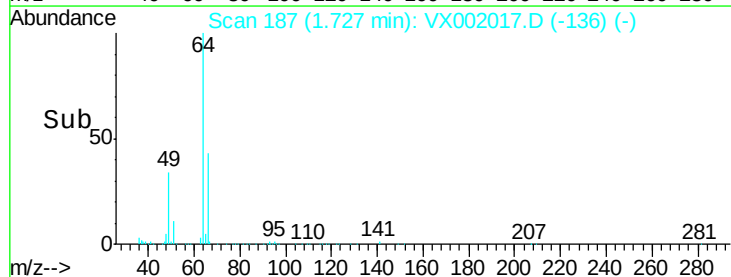
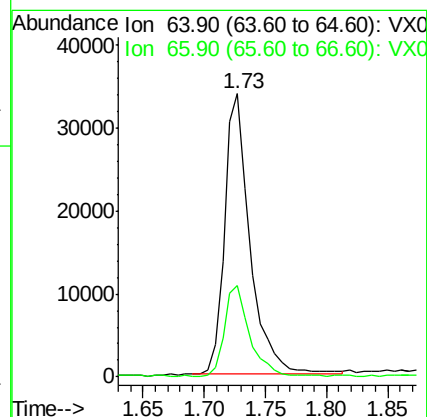
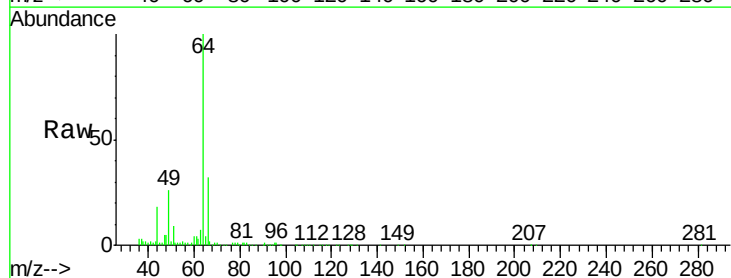
Acq: 26 May 2018 14:12

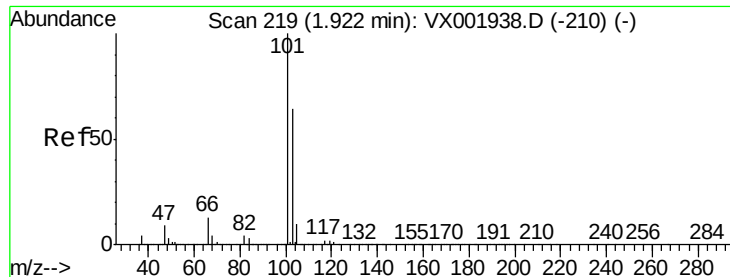
Tgt Ion: 64 Resp: 49279

Ion Ratio Lower Upper

64 100

66 32.5 25.6 38.4



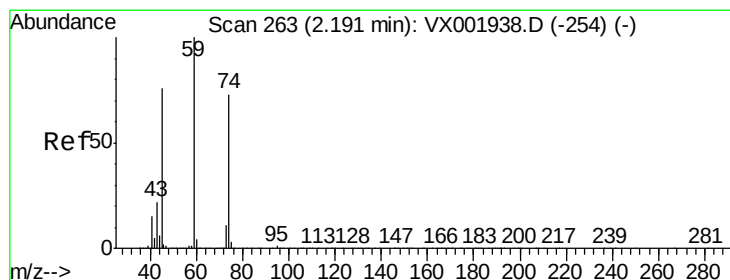
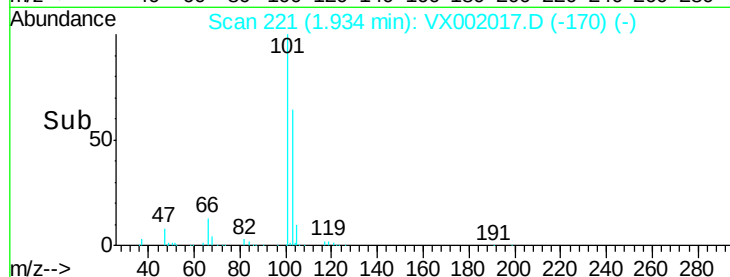
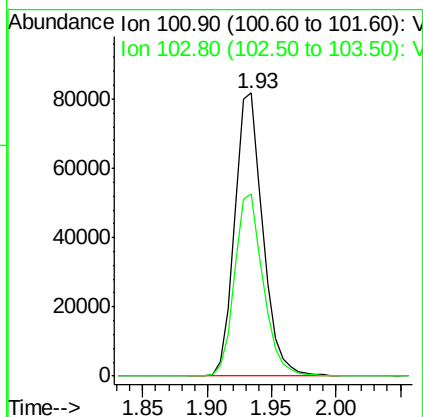
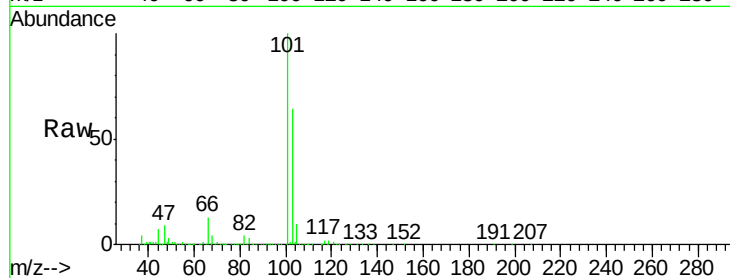


#7

Trichlorofluoromethane
Concen: 19.16 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Instrument :
MSVOA_X
ClientSampleId :

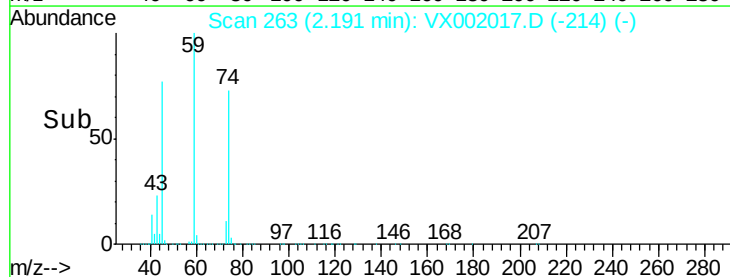
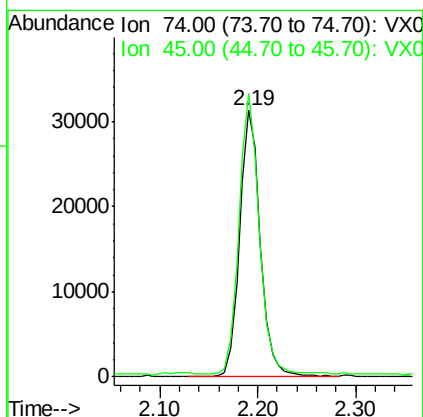
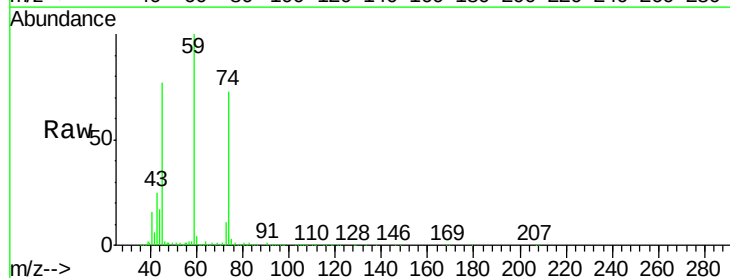
Tot Ion:101 Resp: 124598
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.0

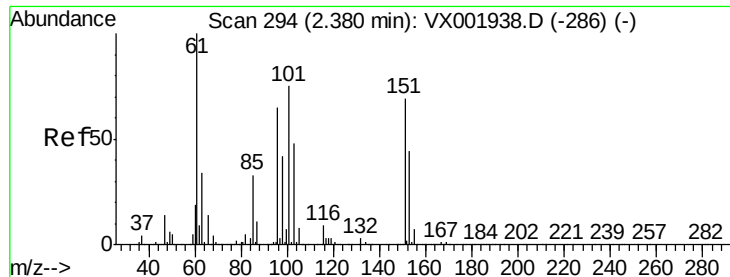


#8

Diethyl Ether
Concen: 19.40 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion: 74 Resp: 45764
Ion Ratio Lower Upper
74 100
45 102.6 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.87 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

ClientSampled :

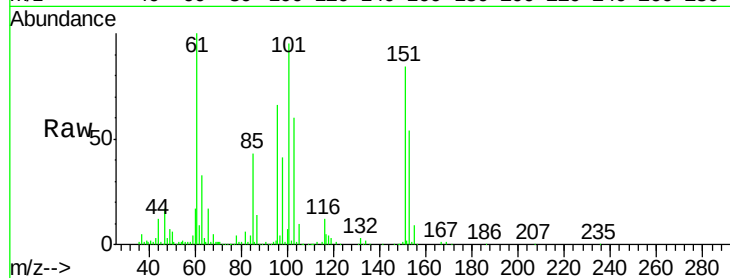
Tot Ion:101 Resp: 72068

Ion Ratio Lower Upper

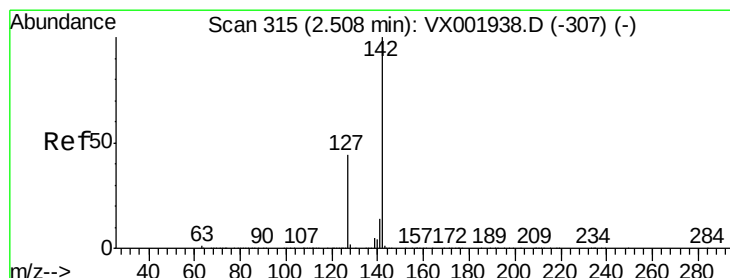
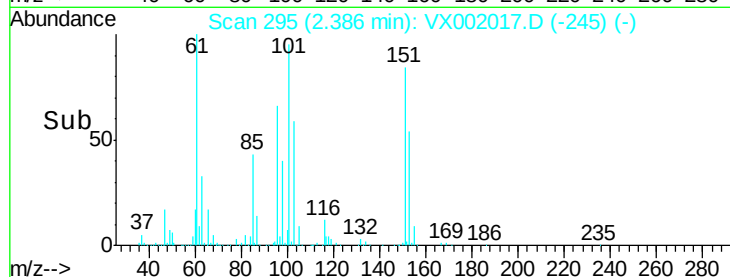
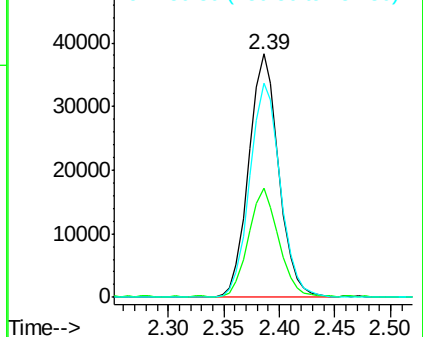
101 100

85 44.9 35.6 53.4

151 89.7 73.2 109.8



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.45 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

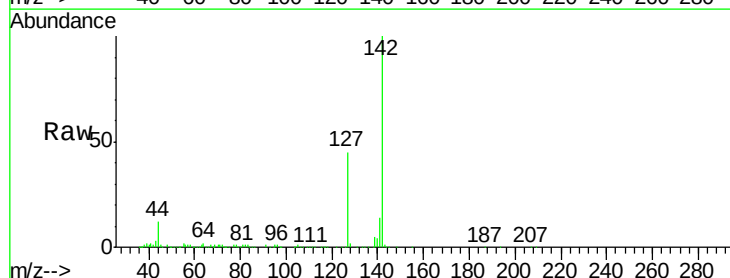
Tgt Ion:142 Resp: 75835

Ion Ratio Lower Upper

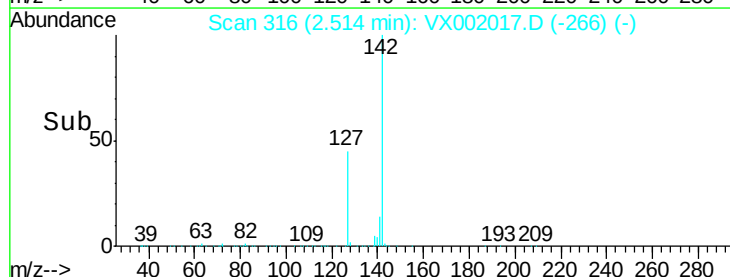
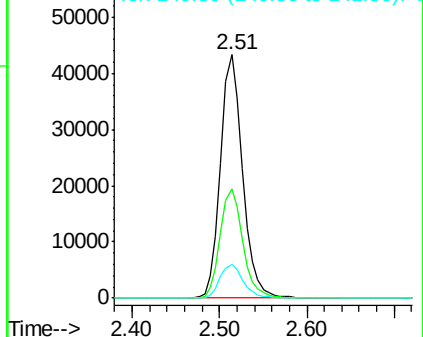
142 100

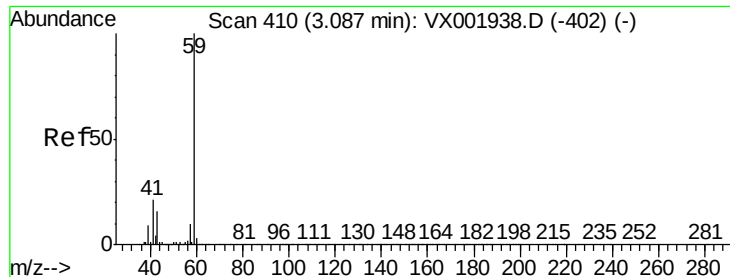
127 46.2 35.5 53.3

141 14.9 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



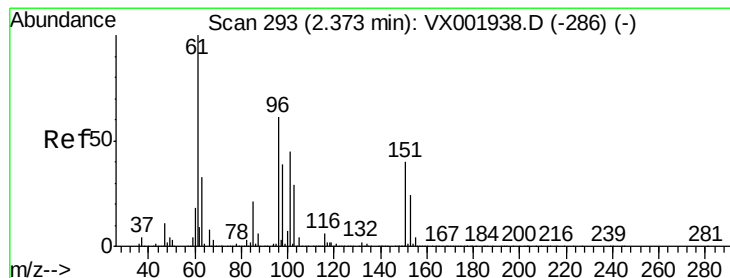
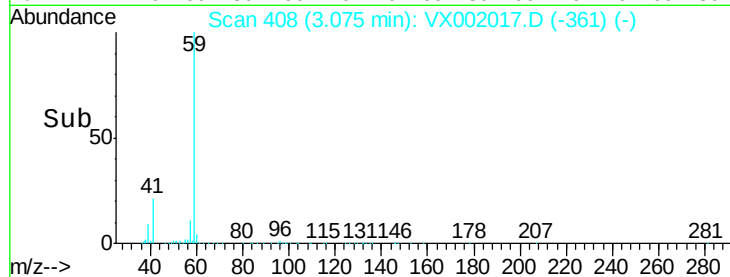
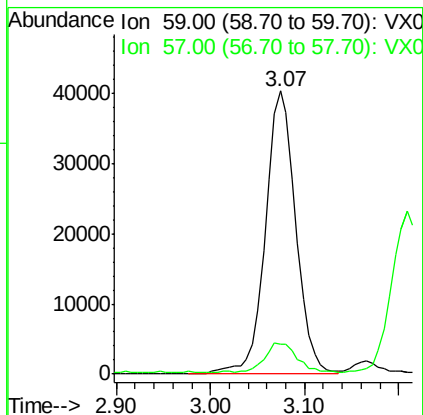
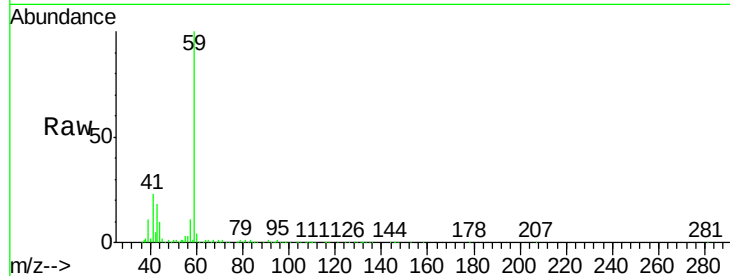


#11

Tert butyl alcohol
 Concen: 88.82 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

Instrument :
 MSVOA_X
 ClientSampleId :

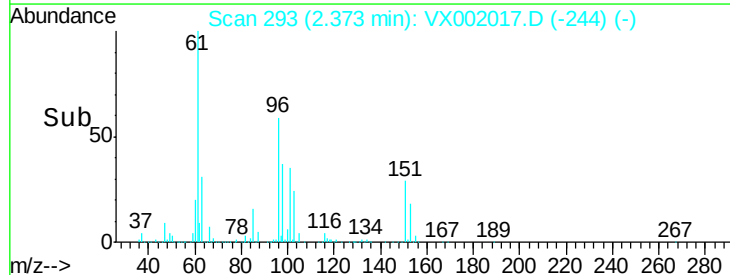
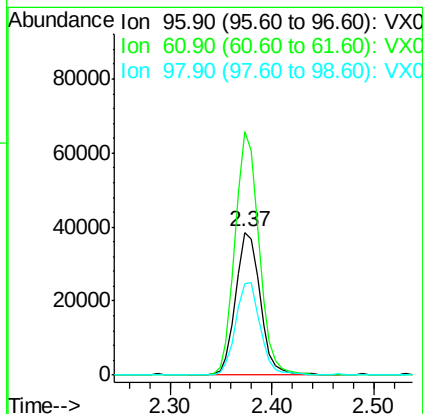
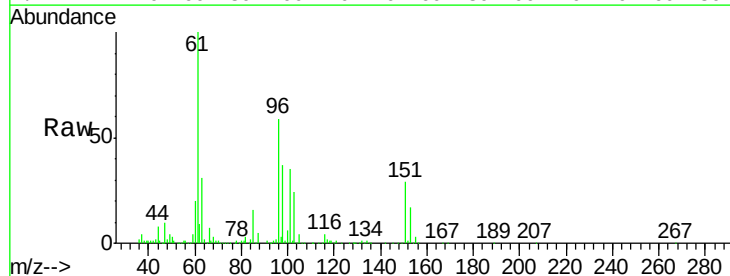
Tot Ion: 59 Resp: 90811
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.9 13.3

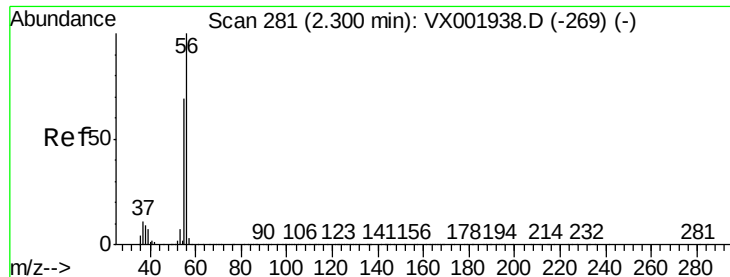


#12

1,1-Dichloroethene
 Concen: 18.60 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

Tgt Ion: 96 Resp: 63193
 Ion Ratio Lower Upper
 96 100
 61 171.0 131.7 197.5
 98 63.5 51.6 77.4





#13

Acrolein

Concen: 81.26 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

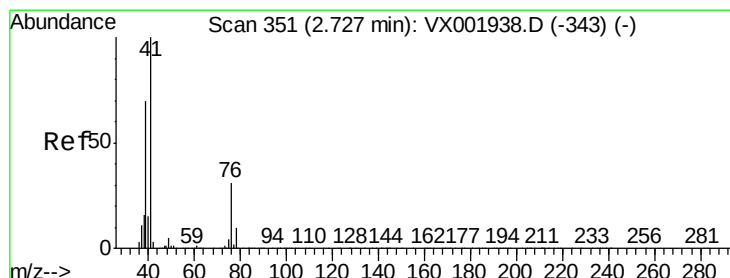
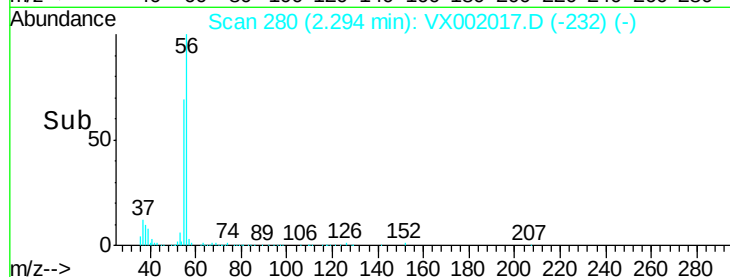
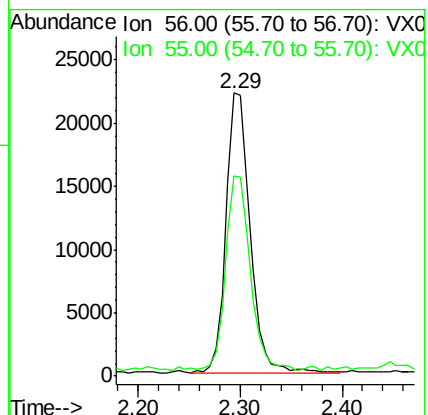
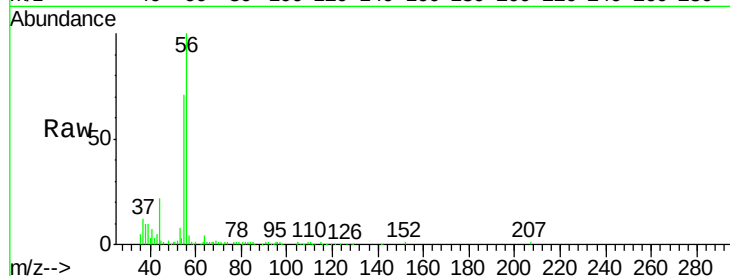
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 35924

Ion Ratio Lower Upper

56 100

55 72.2 56.8 85.2



#14

Allyl chloride

Concen: 19.12 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

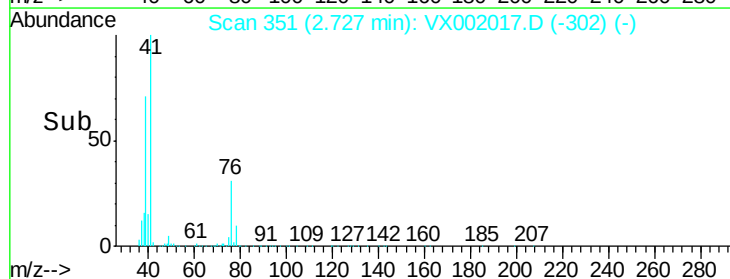
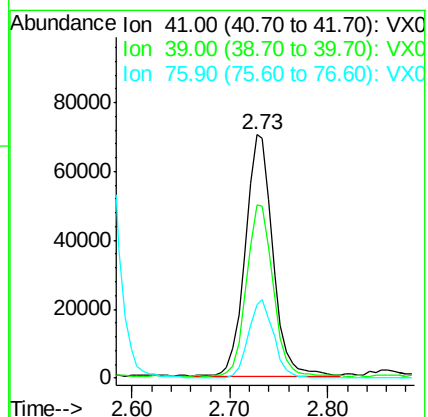
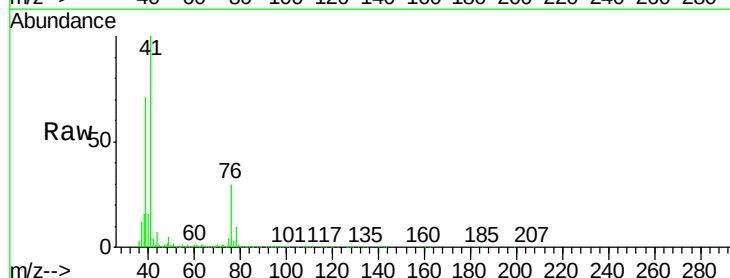
Tgt Ion: 41 Resp: 136291

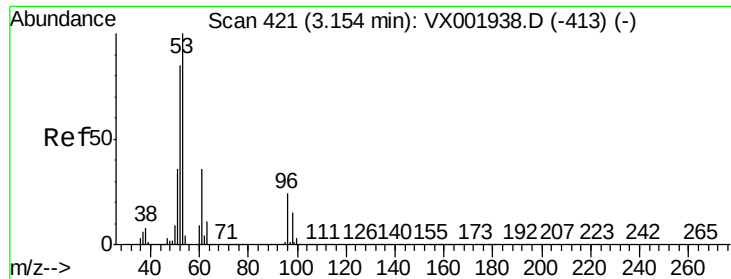
Ion Ratio Lower Upper

41 100

39 68.6 54.3 81.5

76 29.6 24.2 36.4

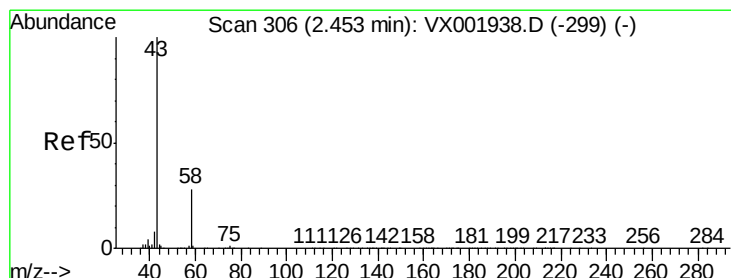
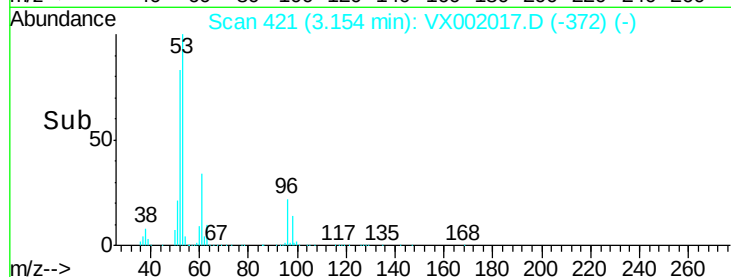
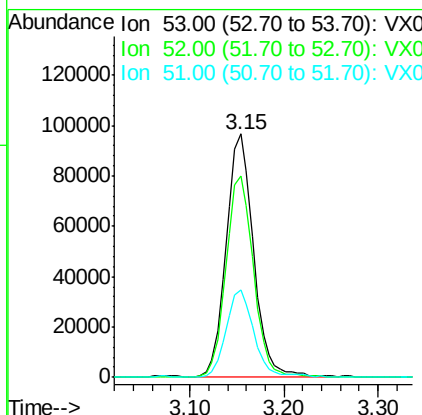
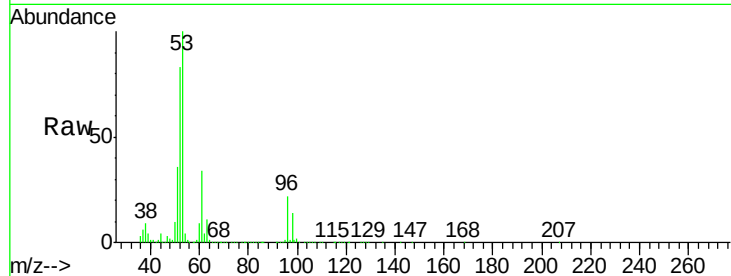




#15
 Acrylonitrile
 Concen: 92.15 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

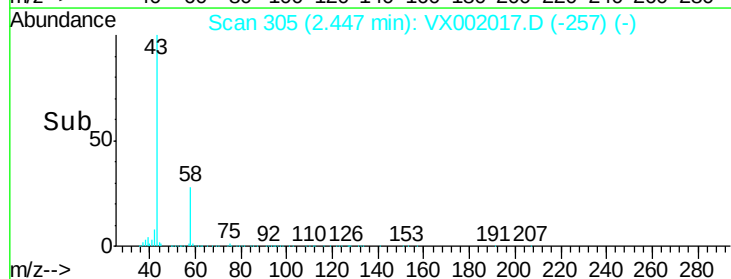
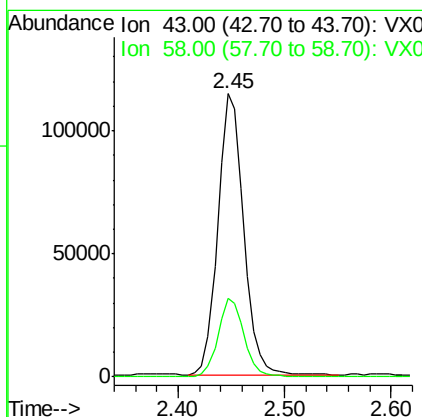
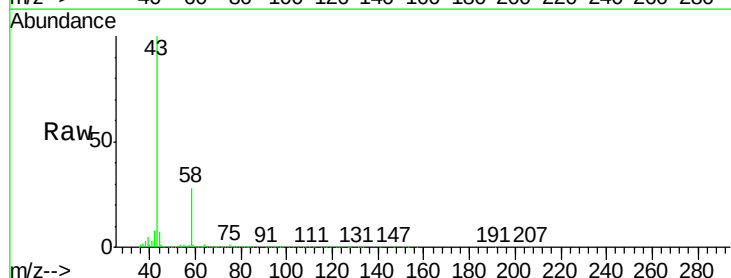
Instrument :
 MSVOA_X
 ClientSampleId :

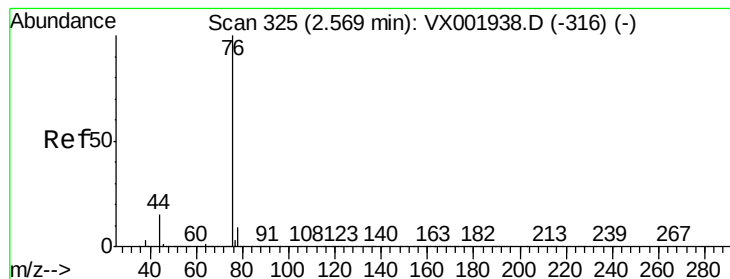
Tot Ion: 53 Resp: 193762
 Ion Ratio Lower Upper
 53 100
 52 83.3 66.4 99.6
 51 36.3 29.3 43.9



#16
 Acetone
 Concen: 94.84 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.01 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

Tgt Ion: 43 Resp: 190654
 Ion Ratio Lower Upper
 43 100
 58 27.8 22.3 33.5





#17

Carbon Disulfide

Concen: 17.87 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

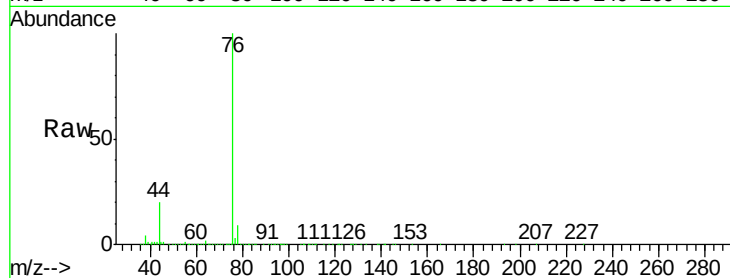
ClientSampleId :

Tot Ion: 76 Resp: 174712

Ion Ratio Lower Upper

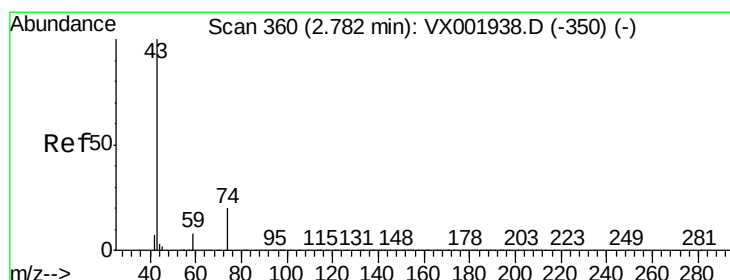
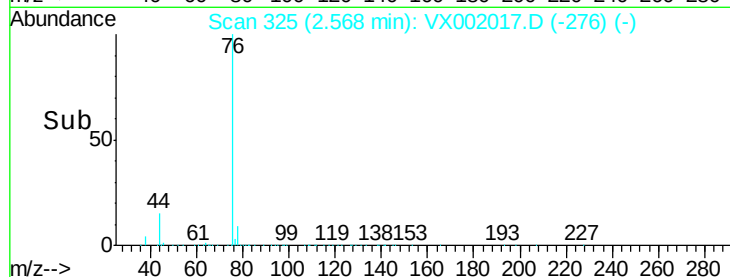
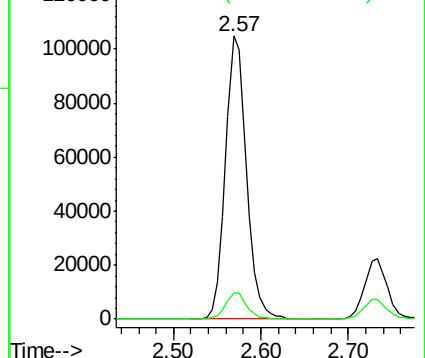
76 100

78 8.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.66 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002017.D

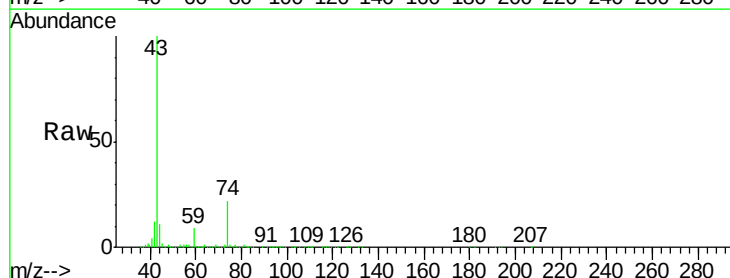
Acq: 26 May 2018 14:12

Tgt Ion: 43 Resp: 98556

Ion Ratio Lower Upper

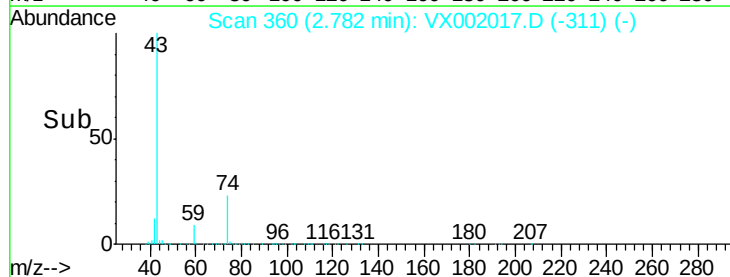
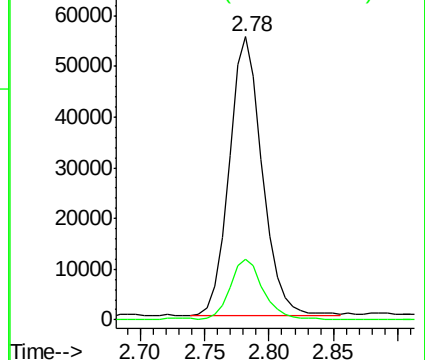
43 100

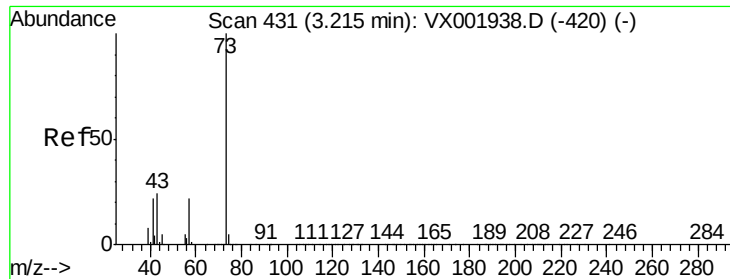
74 22.2 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

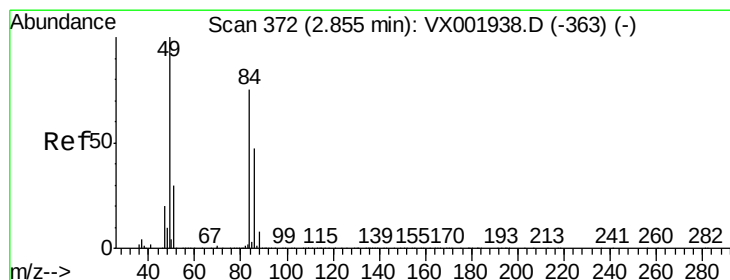
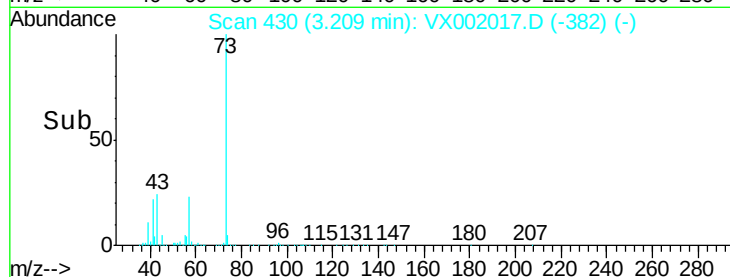
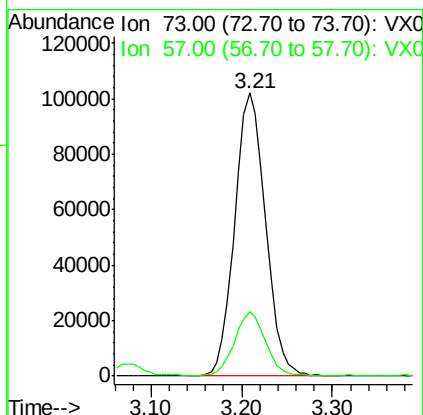
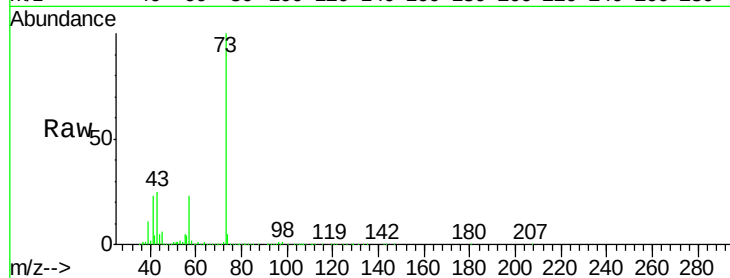




#19
Methyl tert-butyl Ether
Concen: 18.83 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

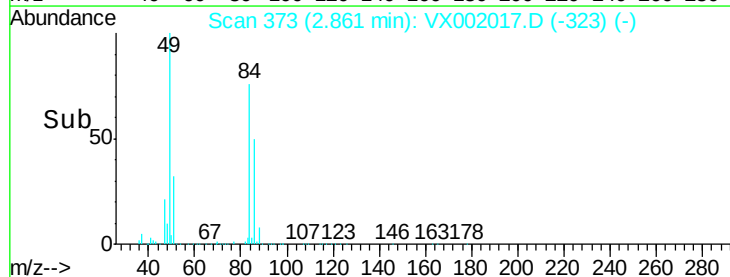
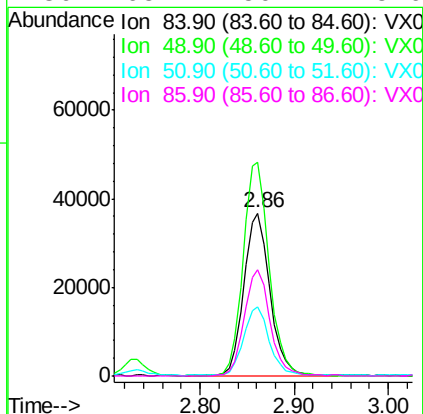
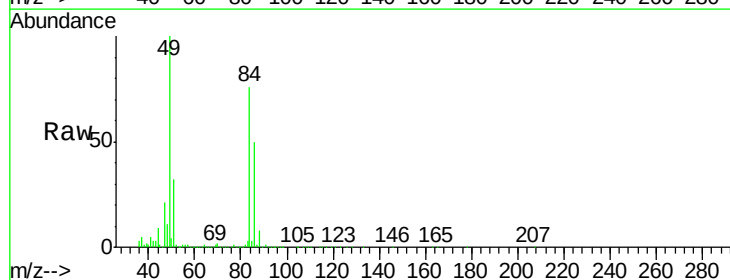
Instrument :
MSVOA_X
ClientSampleId :

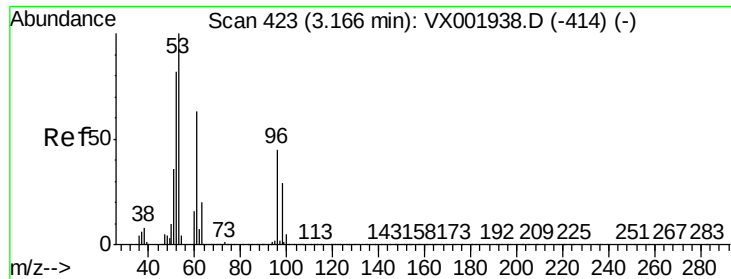
Tot Ion: 73 Resp: 240576
Ion Ratio Lower Upper
73 100
57 22.5 17.4 26.0



#20
Methylene Chloride
Concen: 19.18 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion: 84 Resp: 70337
Ion Ratio Lower Upper
84 100
49 131.2 107.2 160.8
51 41.9 32.4 48.6
86 65.2 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 19.20 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

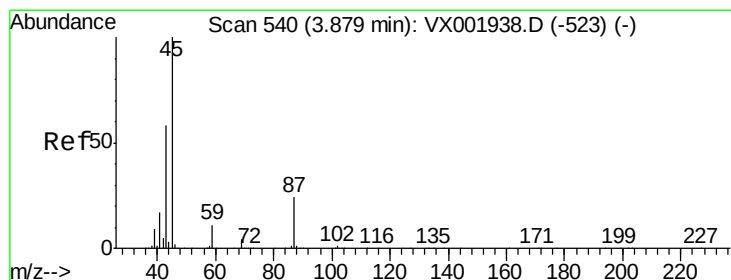
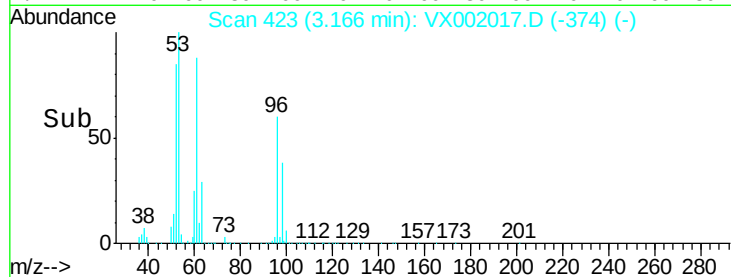
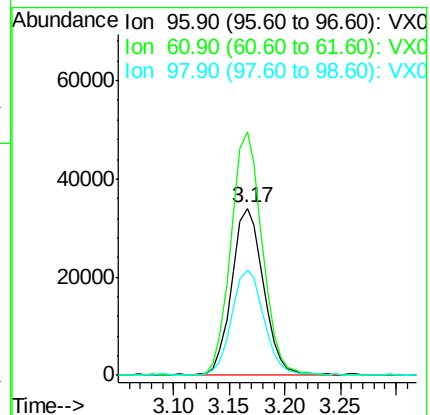
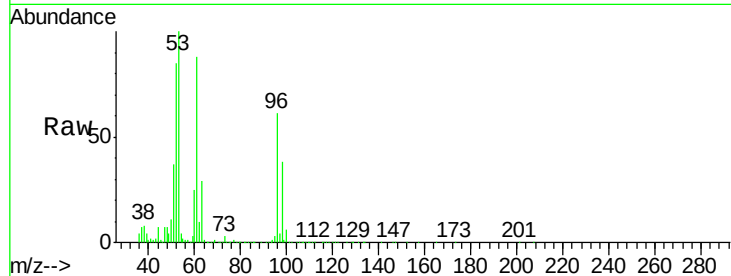
Tot Ion: 96 Resp: 66707

Ion Ratio Lower Upper

96 100

61 146.1 113.3 169.9

98 62.7 51.7 77.5



#22

Diisopropyl ether

Concen: 17.15 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Tgt Ion: 45 Resp: 248751

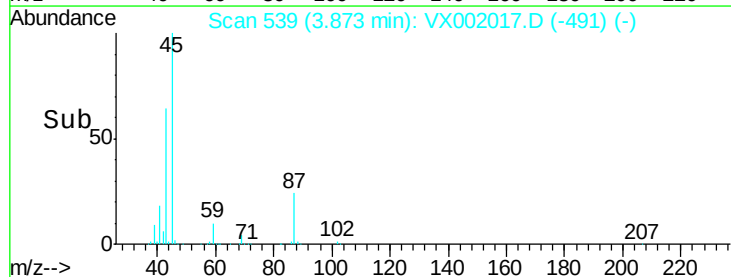
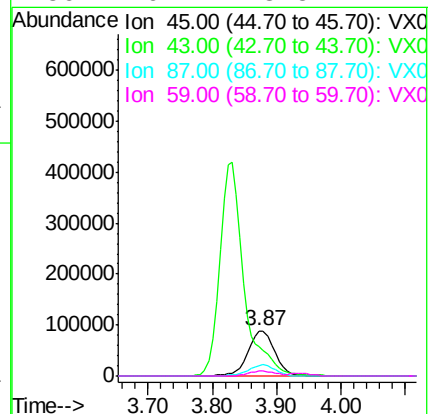
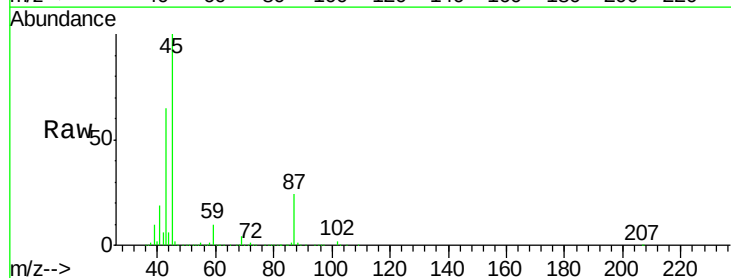
Ion Ratio Lower Upper

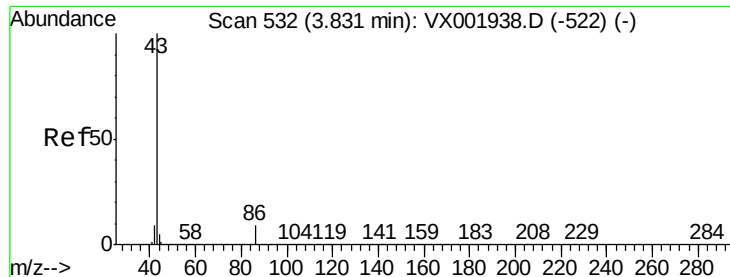
45 100

43 64.4 47.0 70.6

87 23.6 19.4 29.0

59 10.4 8.5 12.7

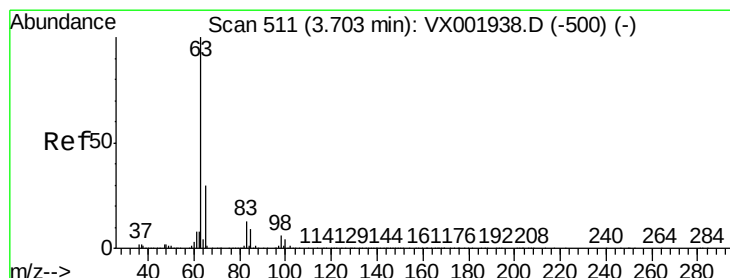
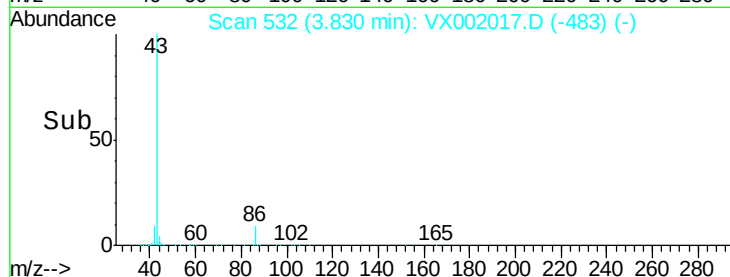
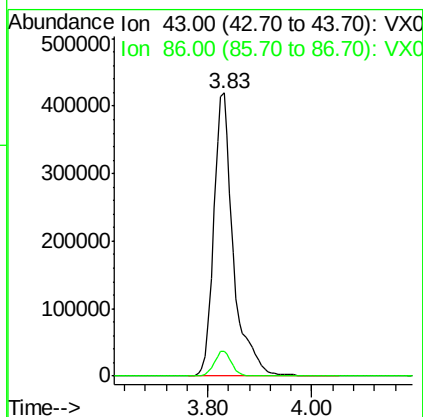
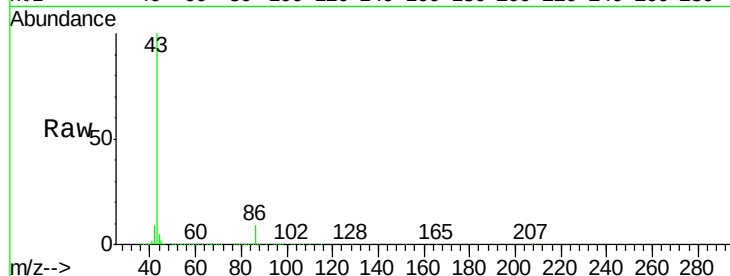




#23
 Vinyl Acetate
 Concen: 91.60 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

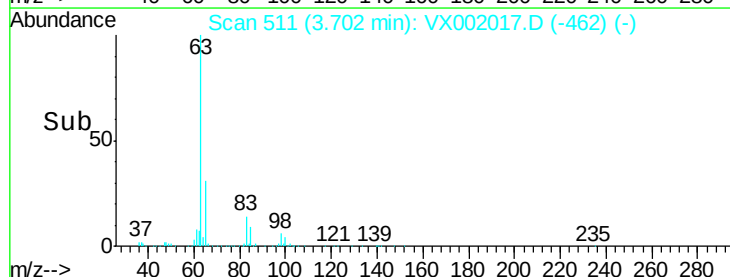
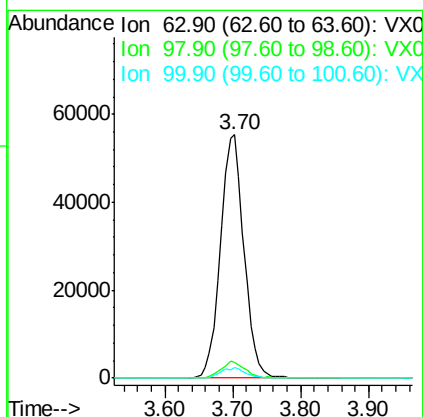
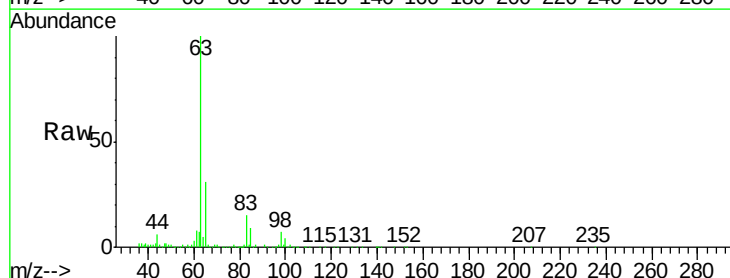
Instrument :
 MSVOA_X
 ClientSampleId :

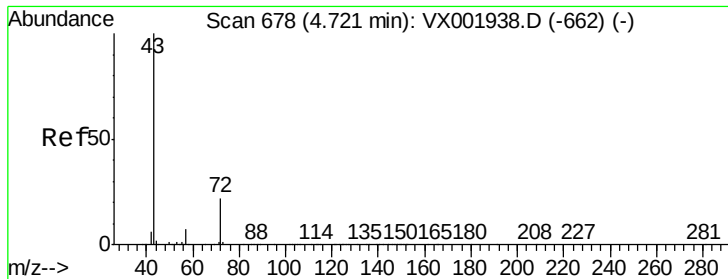
Tot Ion: 43 Resp: 1101442
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 19.19 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

Tgt Ion: 63 Resp: 132223
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.8
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 79.58 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

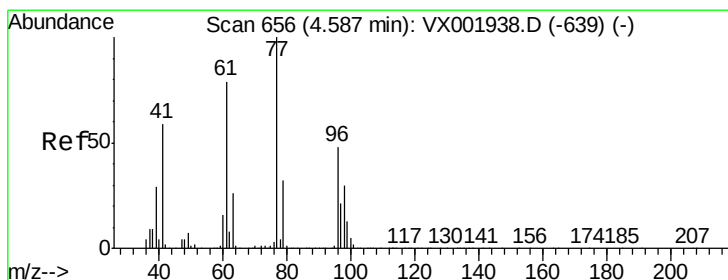
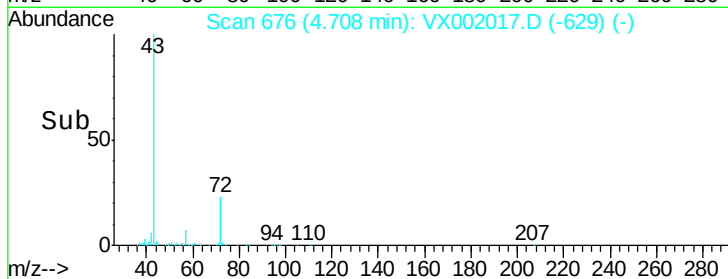
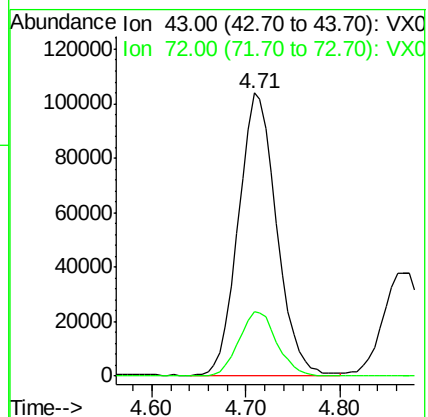
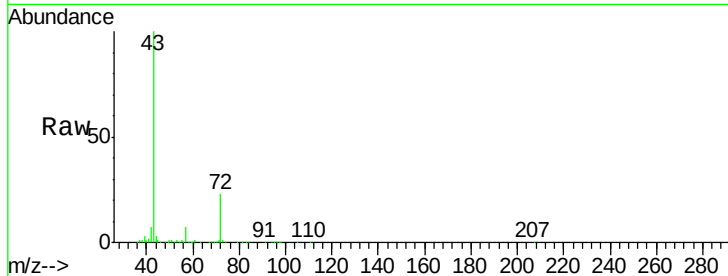
ClientSampled :

Tot Ion: 43 Resp: 293209

Ion Ratio Lower Upper

43 100

72 22.6 17.9 26.9



#26

2,2-Dichloropropane

Concen: 16.97 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002017.D

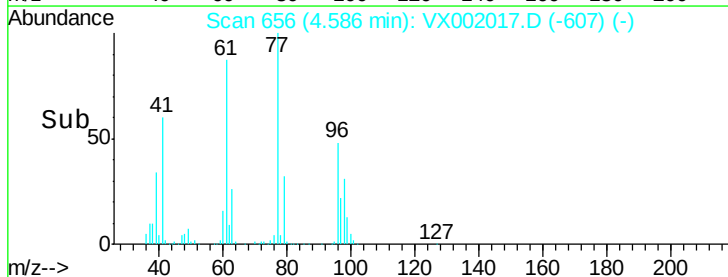
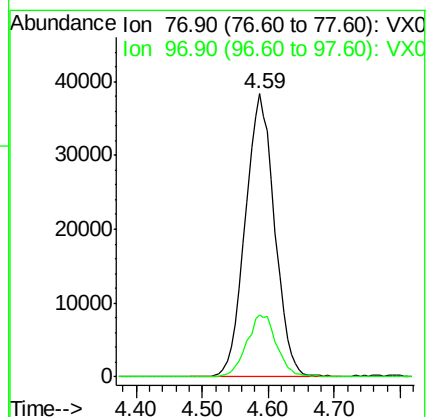
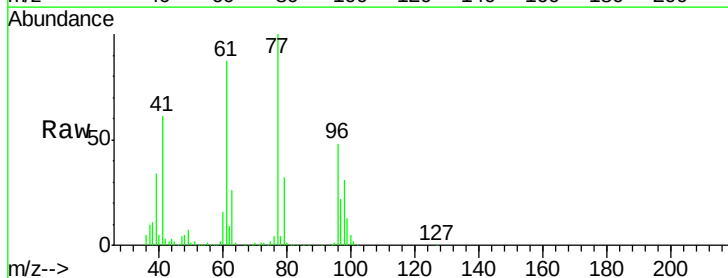
Acq: 26 May 2018 14:12

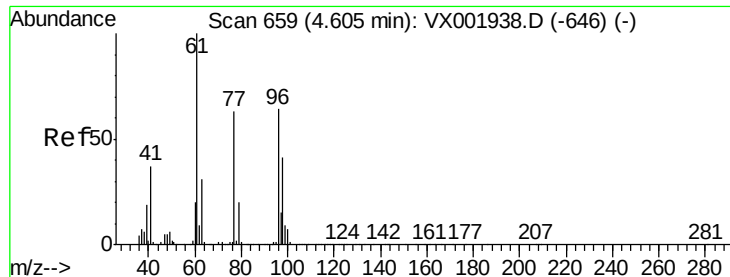
Tgt Ion: 77 Resp: 118358

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 16.60 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :
MSVOA_X
ClientSampled :

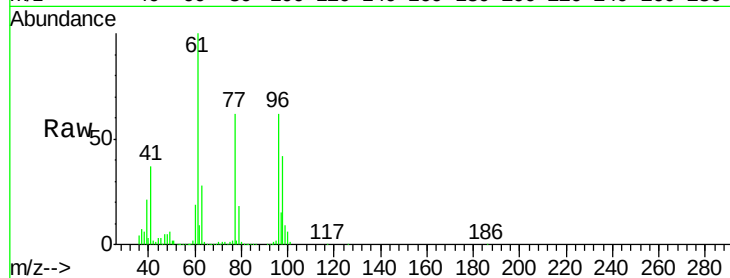
Tot Ion: 96 Resp: 73529

Ion Ratio Lower Upper

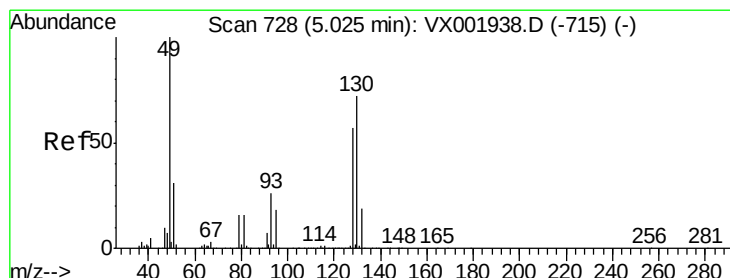
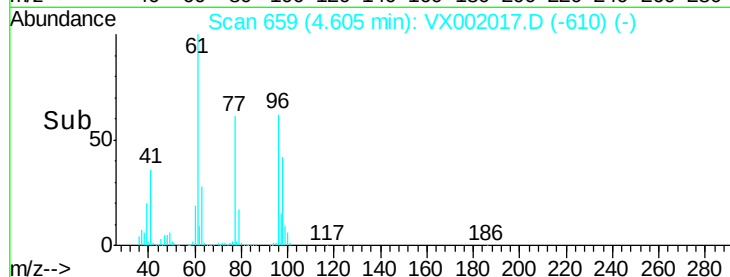
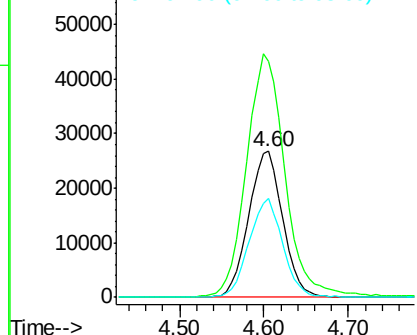
96 100

61 189.9 0.0 348.4

98 67.1 0.0 128.6



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: 17.37 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

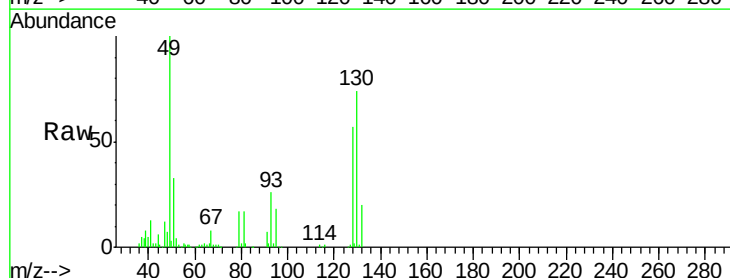
Tgt Ion: 49 Resp: 54142

Ion Ratio Lower Upper

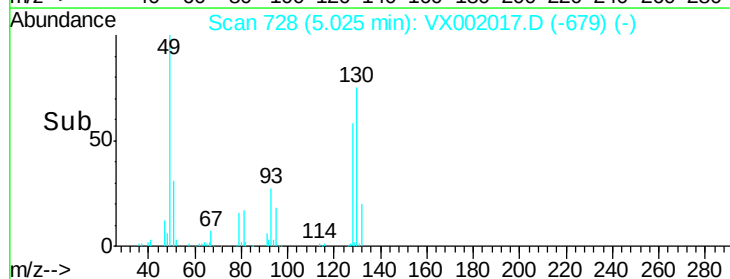
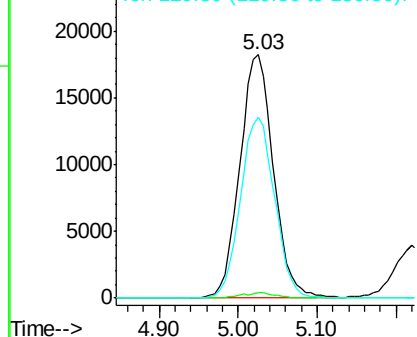
49 100

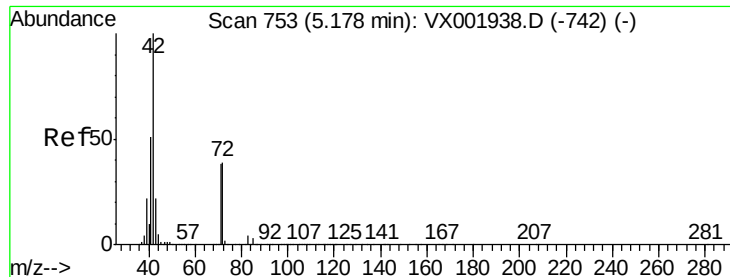
129 2.1 0.0 3.8

130 75.1 59.4 89.2



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: 78.72 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

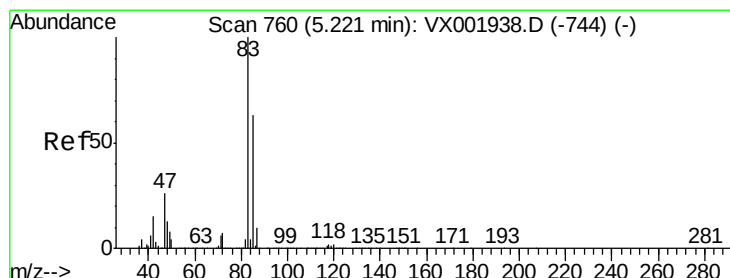
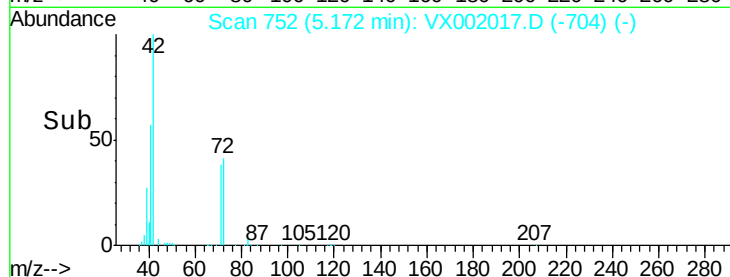
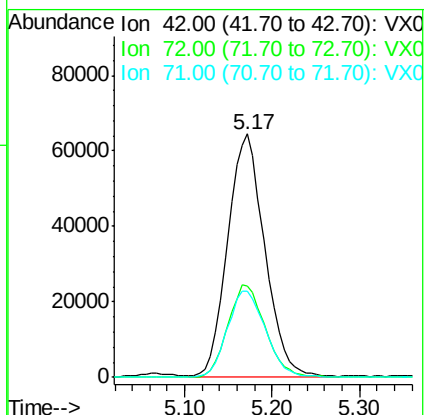
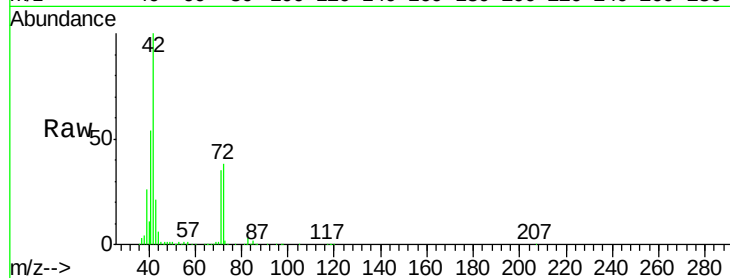
Tot Ion: 42 Resp: 188711

Ion Ratio Lower Upper

42 100

72 38.7 31.4 47.0

71 36.9 29.5 44.3



#30

Chloroform

Concen: 16.50 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002017.D

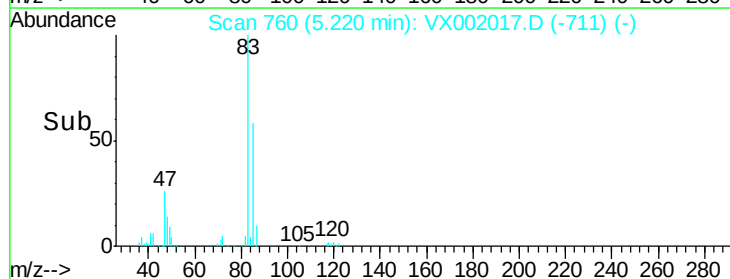
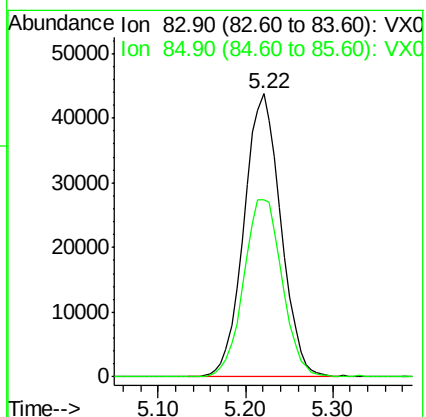
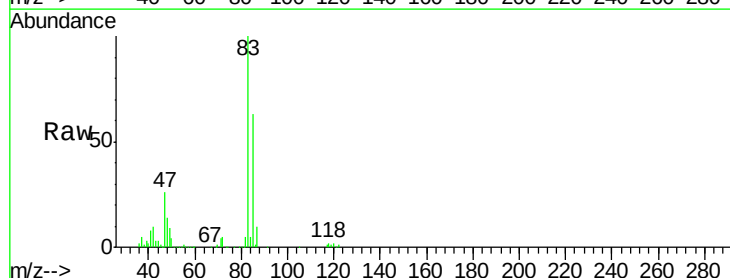
Acq: 26 May 2018 14:12

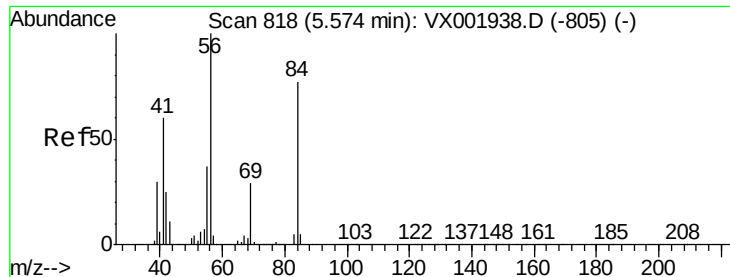
Tgt Ion: 83 Resp: 128066

Ion Ratio Lower Upper

83 100

85 62.6 50.9 76.3





#31

Cyclohexane

Concen: 17.03 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :
MSVOA_X
ClientSampleId :

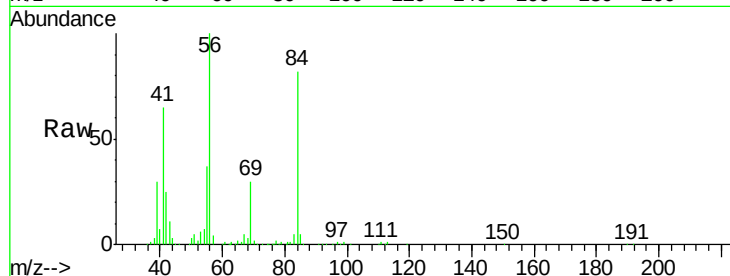
Tot Ion: 56 Resp: 122240

Ion Ratio Lower Upper

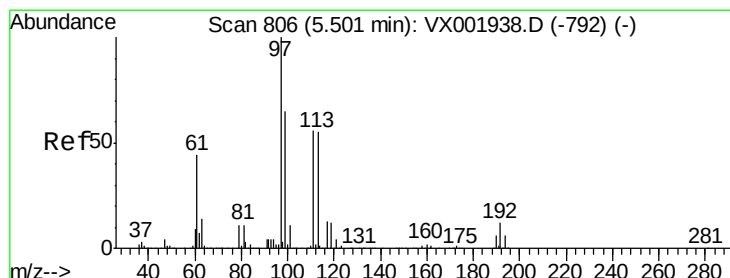
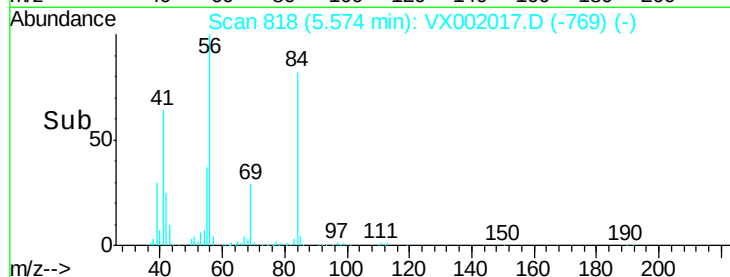
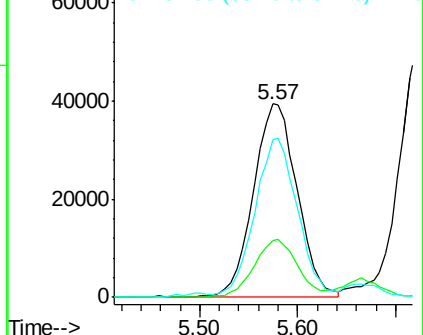
56 100

69 29.4 23.1 34.7

84 80.1 62.0 93.0



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: 16.47 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

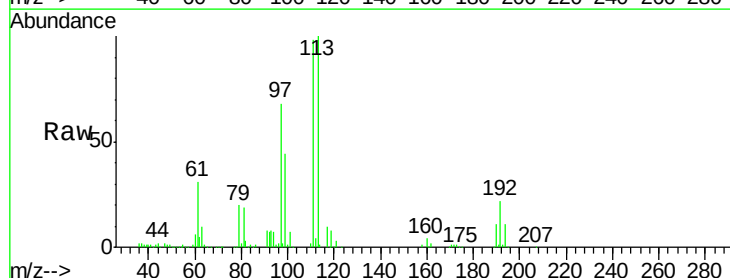
Tgt Ion: 97 Resp: 119136

Ion Ratio Lower Upper

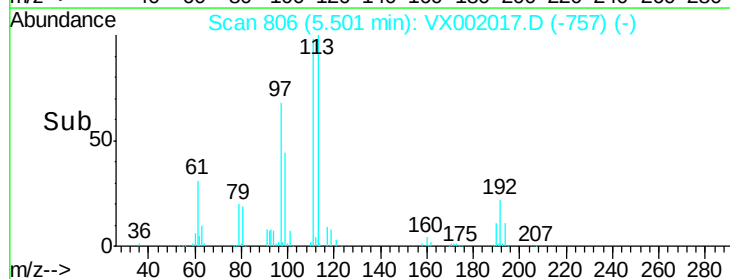
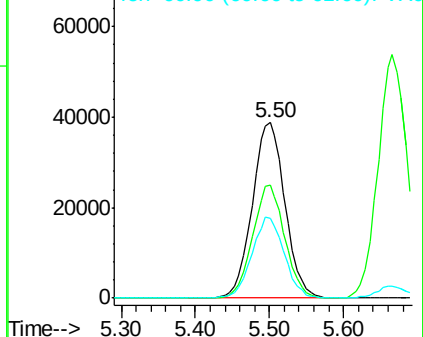
97 100

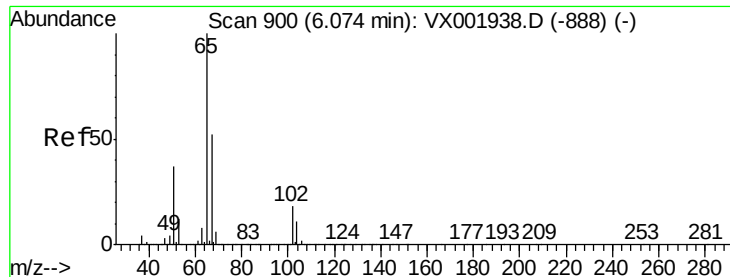
99 63.3 51.9 77.9

61 45.4 35.9 53.9



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

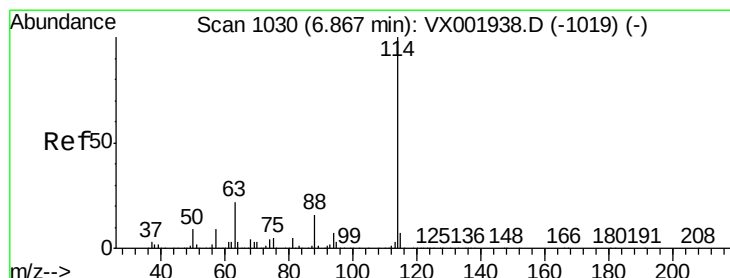
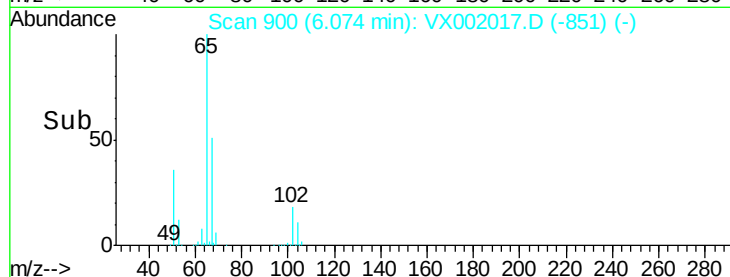
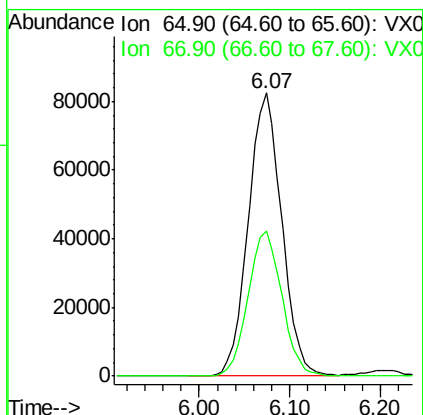
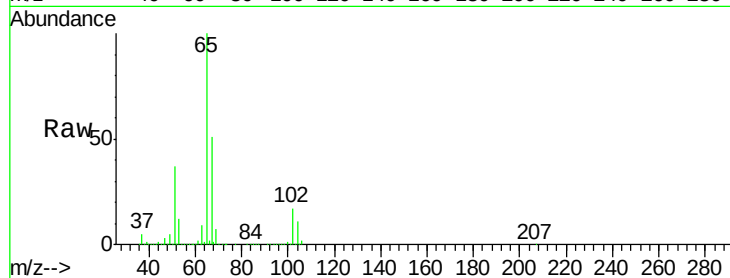




#33
 1,2-Dichloroethane-d4
 Concen: 40.37 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

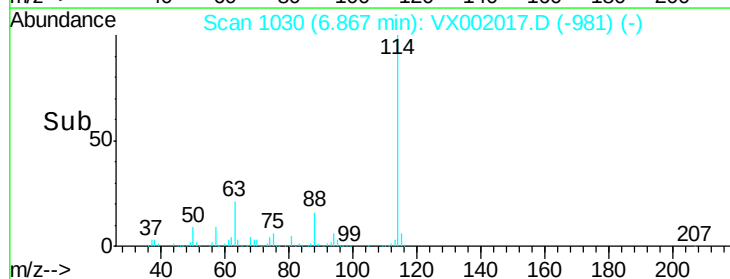
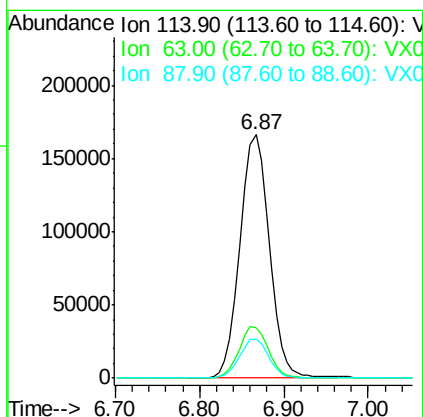
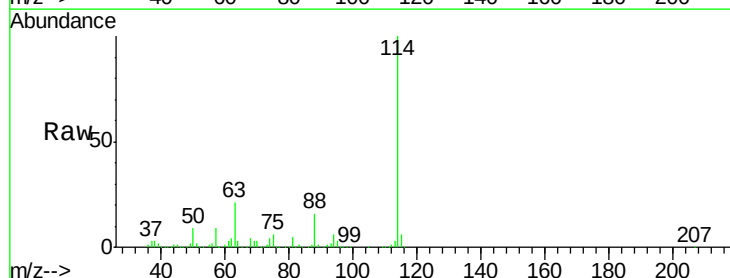
Instrument :
 MSVOA_X
 ClientSampleId :

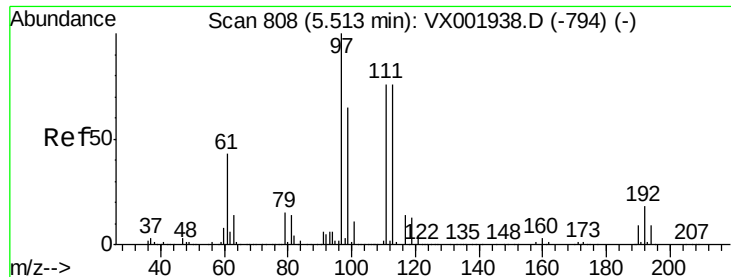
Tot Ion: 65 Resp: 210258
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

Tgt Ion: 114 Resp: 392376
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.2
 88 15.7 0.0 31.6

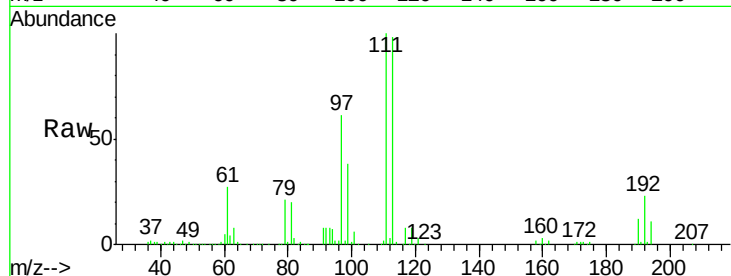




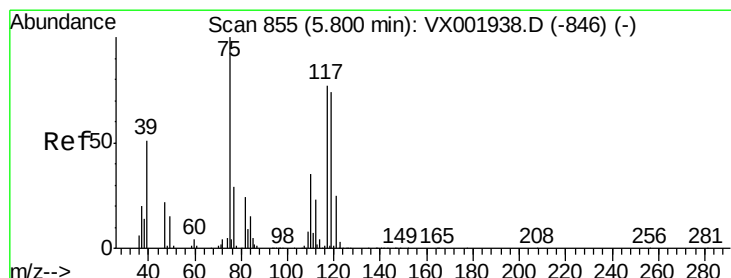
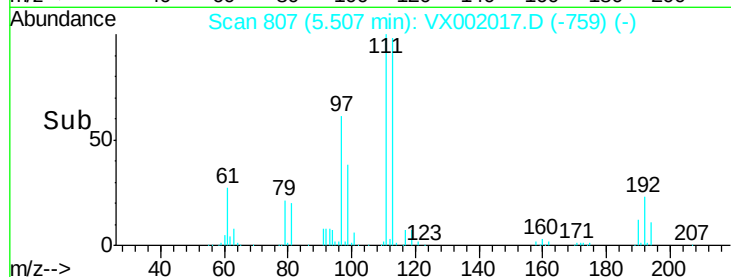
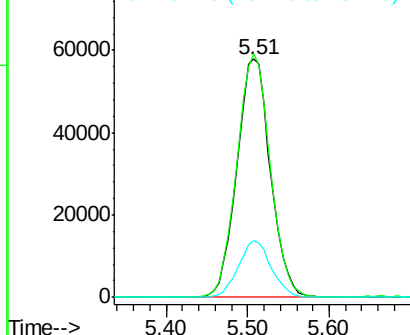
#35
 Dibromofluoromethane
 Concen: 42.12 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.0	123.0
192	23.3	18.9	28.3

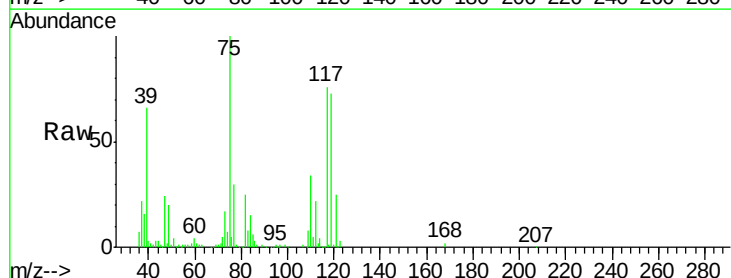


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

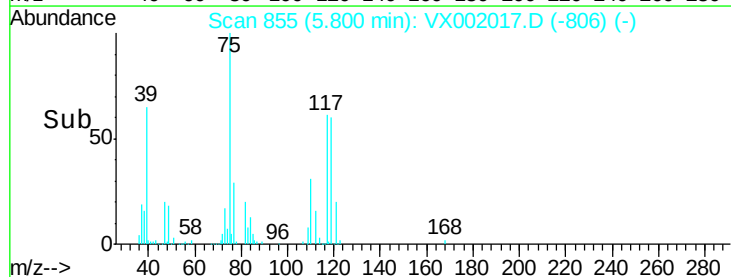
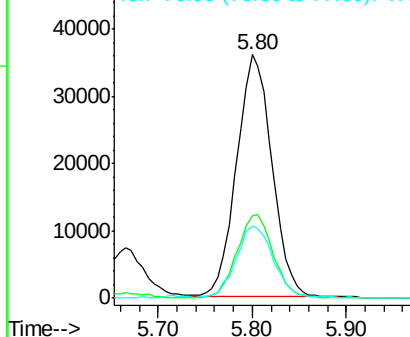


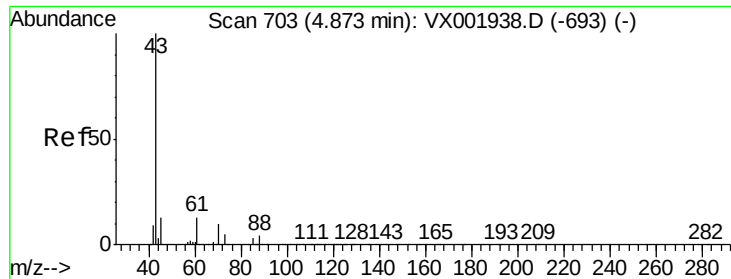
#36
 1,1-Dichloropropene
 Concen: 17.32 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.4	52.2
77	30.8	24.4	36.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

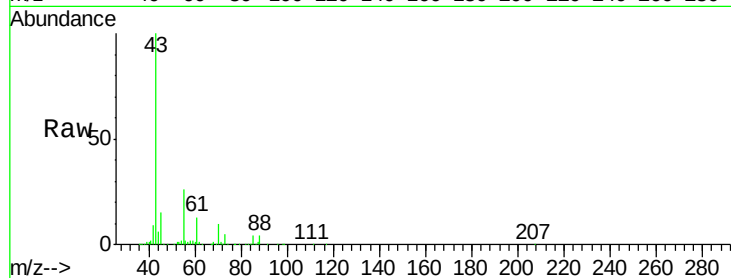




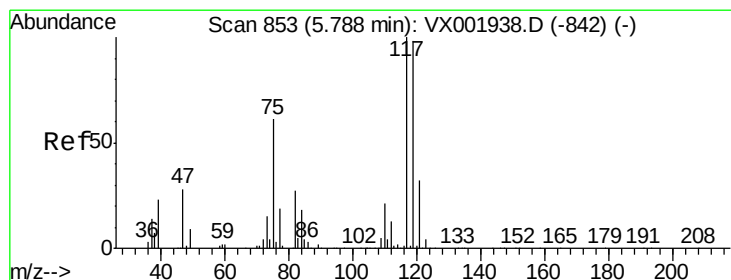
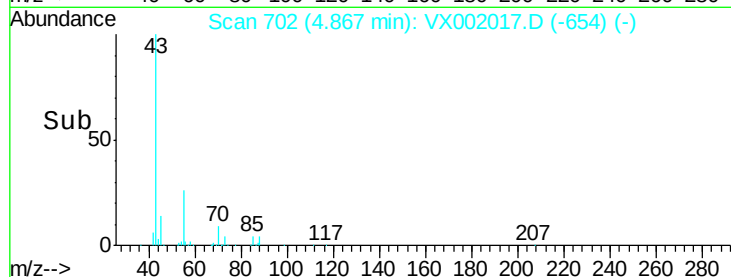
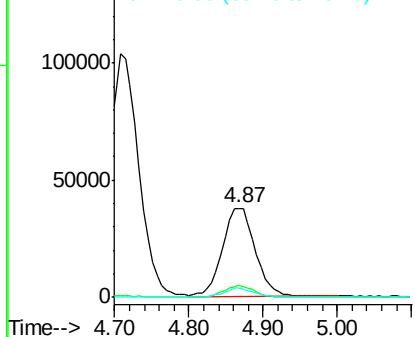
#37
Ethyl Acetate
Concen: 16.25 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 115594
Ion Ratio Lower Upper
43 100
61 12.5 10.2 15.2
70 9.2 7.8 11.8

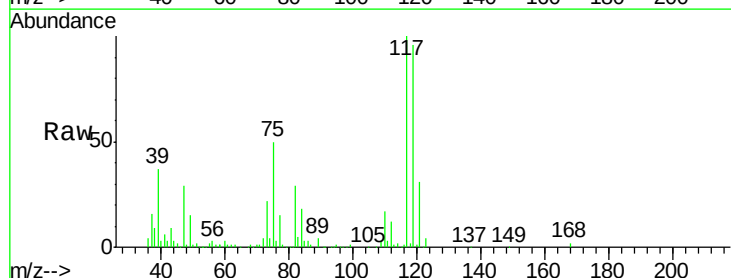


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

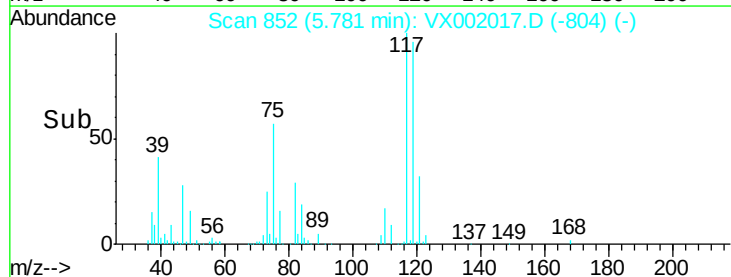
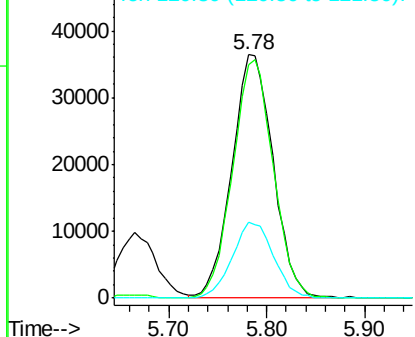


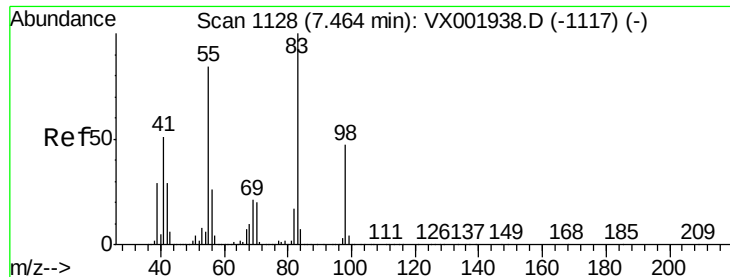
#38
Carbon Tetrachloride
Concen: 16.72 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion: 117 Resp: 106436
Ion Ratio Lower Upper
117 100
119 95.7 78.5 117.7
121 31.3 25.5 38.3



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

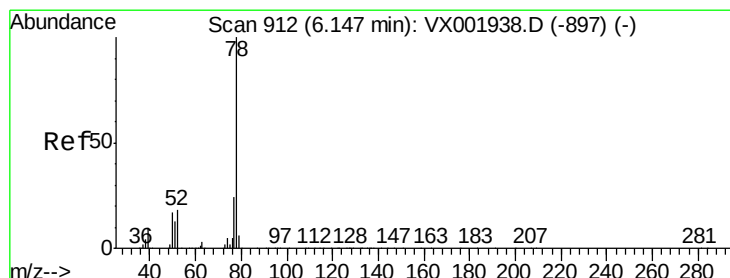
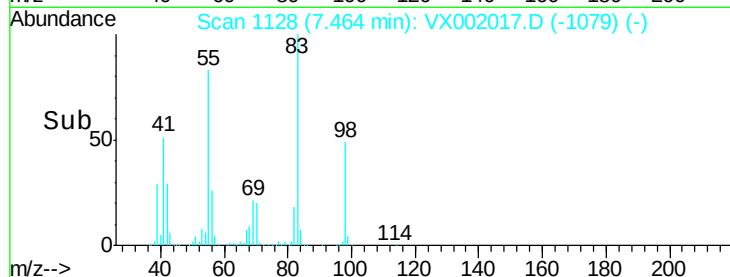
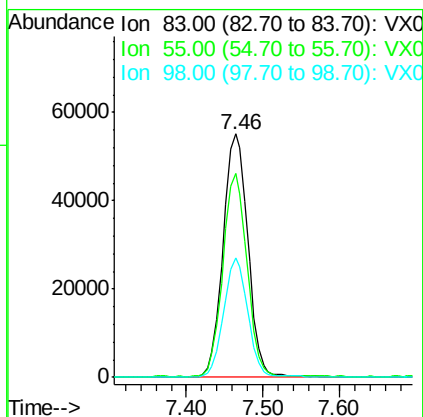
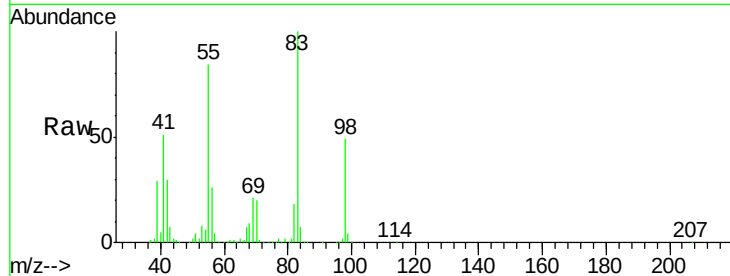




#39
Methylvlcyclohexane
Concen: 18.54 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

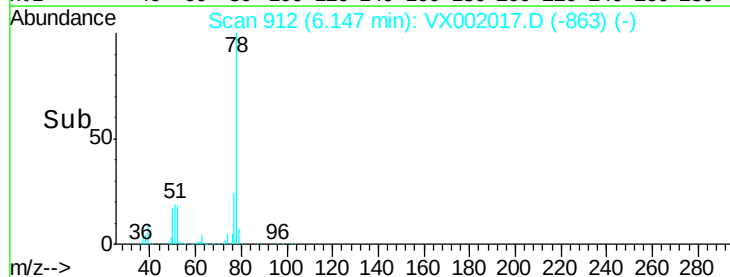
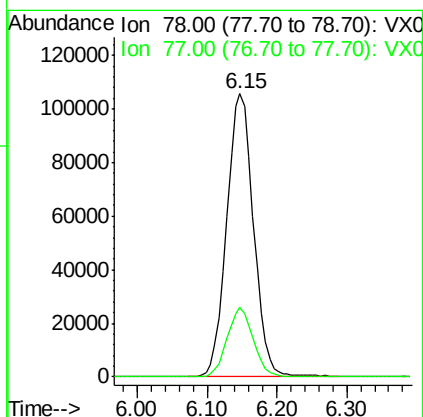
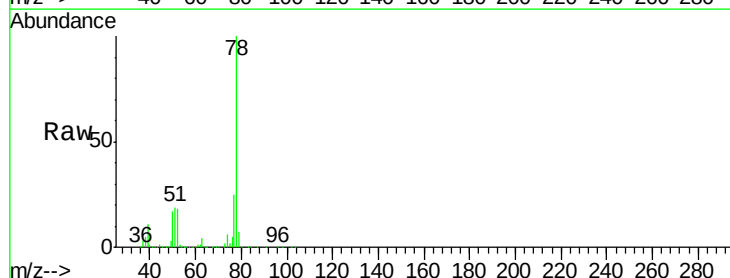
Instrument :
MSVOA_X
ClientSampleId :

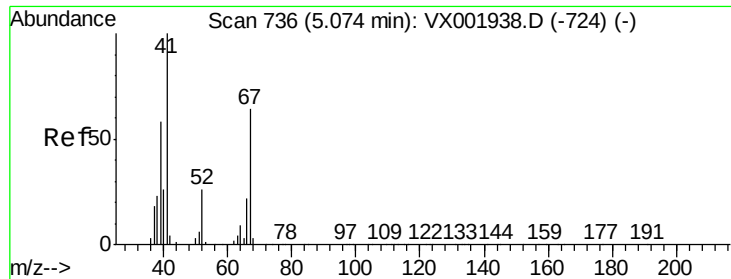
Tot Ion: 83 Resp: 124322
Ion Ratio Lower Upper
83 100
55 83.2 67.3 100.9
98 49.3 37.5 56.3



#40
Benzene
Concen: 17.63 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion: 78 Resp: 281965
Ion Ratio Lower Upper
78 100
77 24.7 19.1 28.7

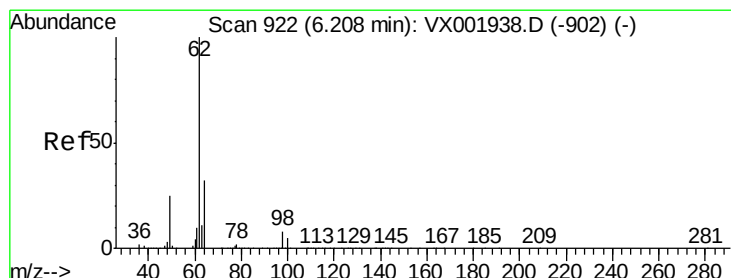
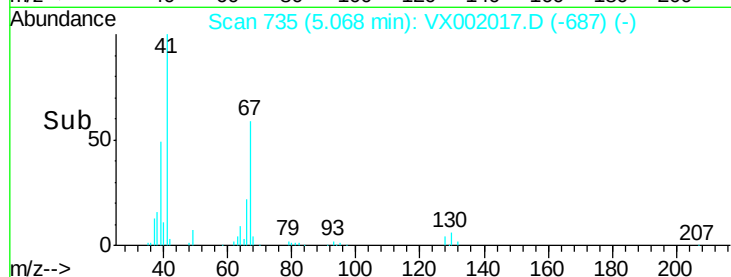
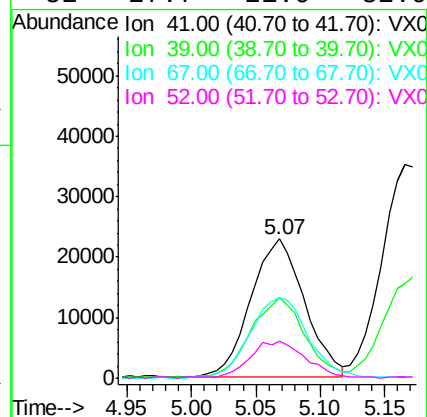
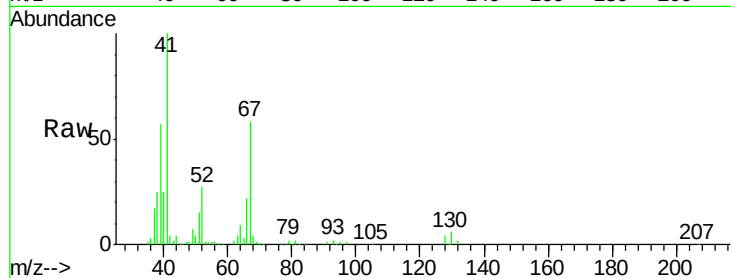




#41
Methacrylonitrile
Concen: 16.66 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

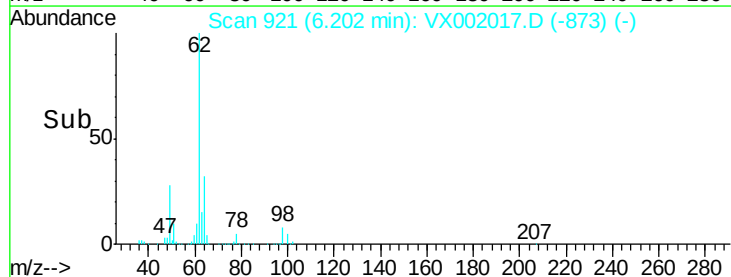
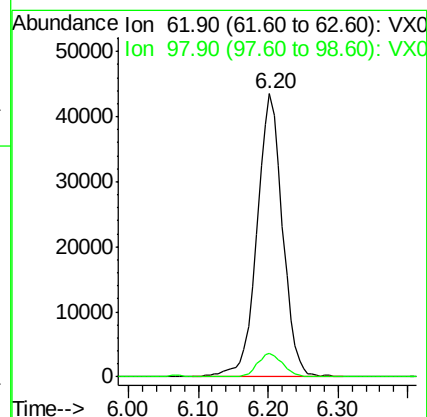
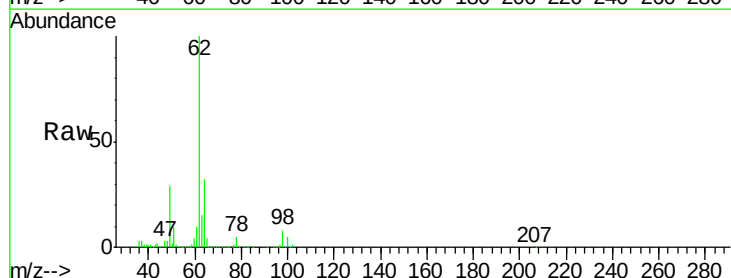
Instrument :
MSVOA_X
ClientSampleId :

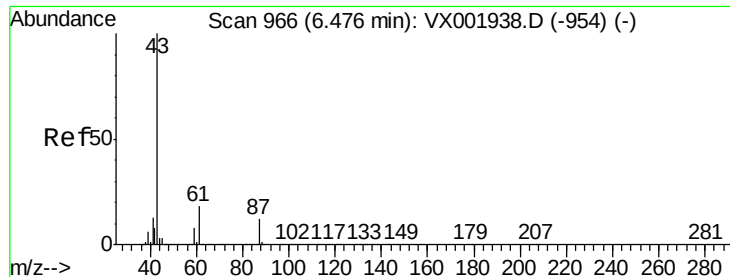
Tot Ion:	41	Resp:	65963
Ion	Ratio	Lower	Upper
41	100		
39	56.9	46.0	69.0
67	62.9	50.6	75.8
52	27.7	21.9	32.9



#42
1,2-Dichloroethane
Concen: 17.14 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion:	62	Resp:	109501
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0





#43

Isopropyl Acetate

Concen: 16.84 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

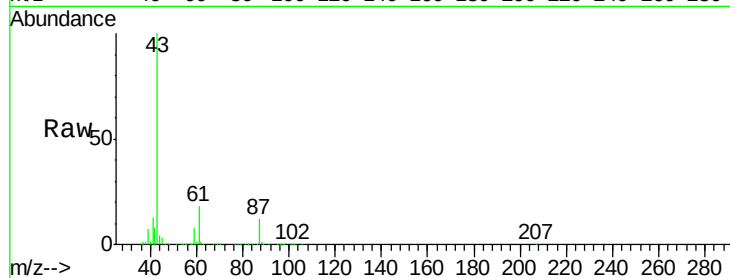
Tot Ion: 43 Resp: 199703

Ion Ratio Lower Upper

43 100

61 18.2 14.5 21.7

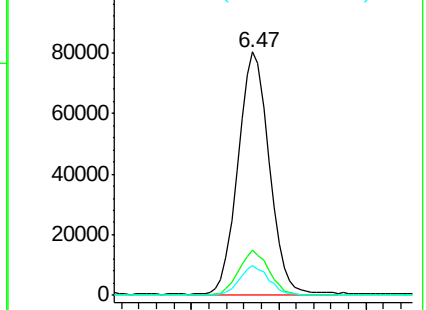
87 11.5 9.5 14.3



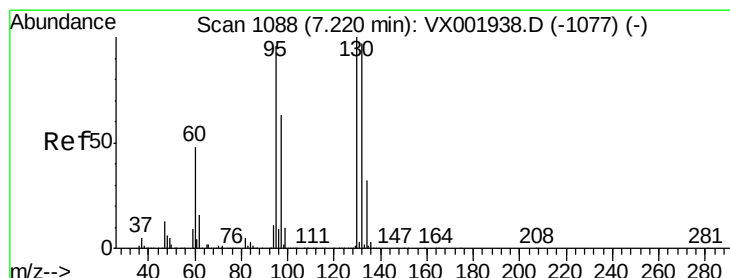
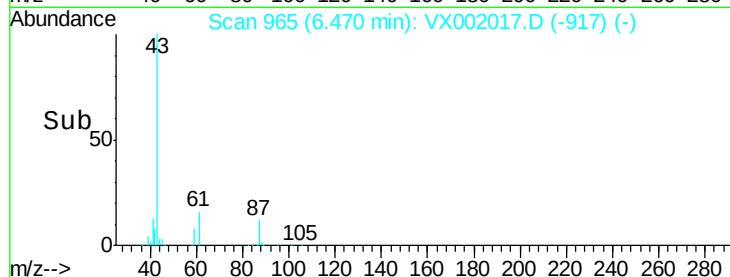
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



Time-->



#44

Trichloroethene

Concen: 17.57 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX002017.D

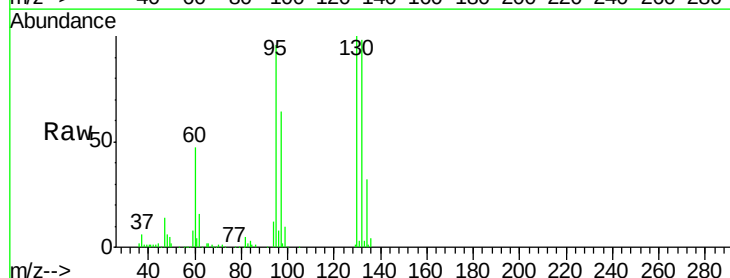
Acq: 26 May 2018 14:12

Tgt Ion:130 Resp: 81878

Ion Ratio Lower Upper

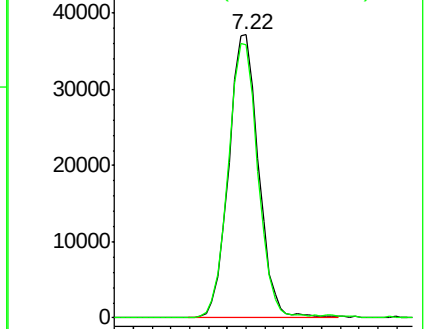
130 100

95 96.0 0.0 192.0

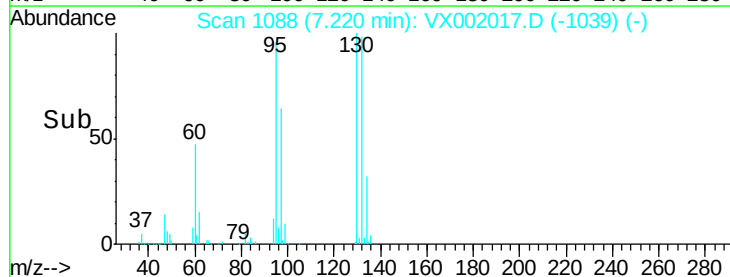


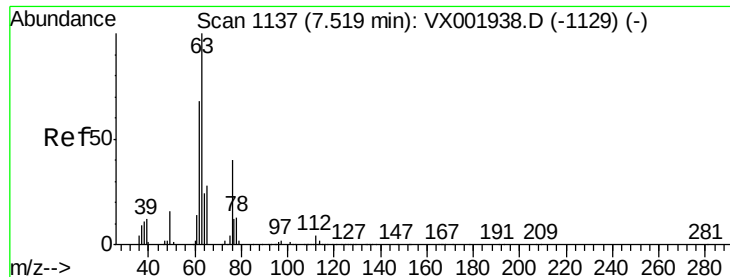
Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



Time-->





#45

1,2-Dichloropropane

Concen: 17.52 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

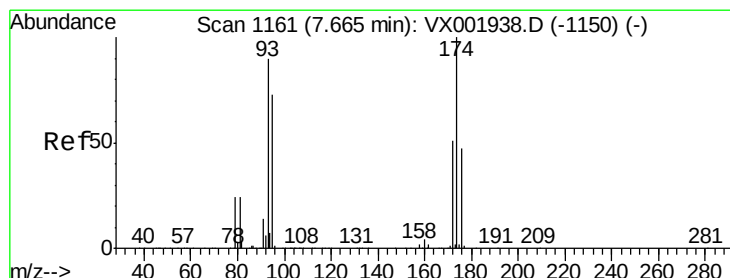
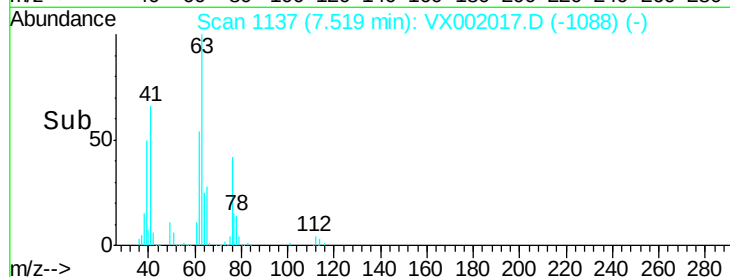
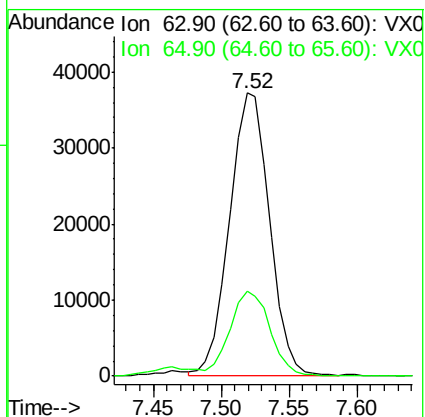
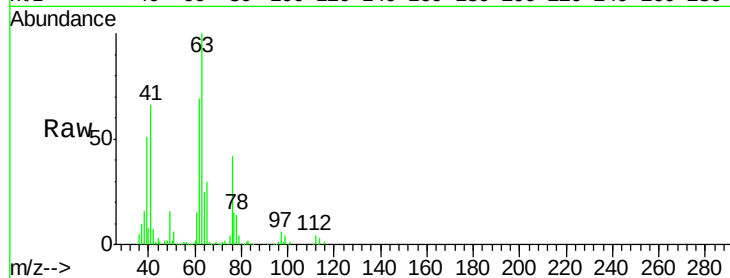
ClientSampleId :

Tot Ion: 63 Resp: 76080

Ion Ratio Lower Upper

63 100

65 29.8 24.1 36.1



#46

Dibromomethane

Concen: 17.43 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

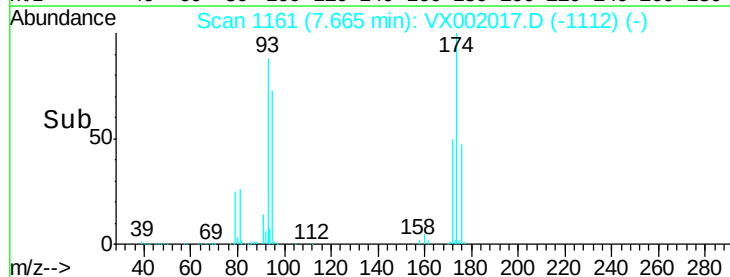
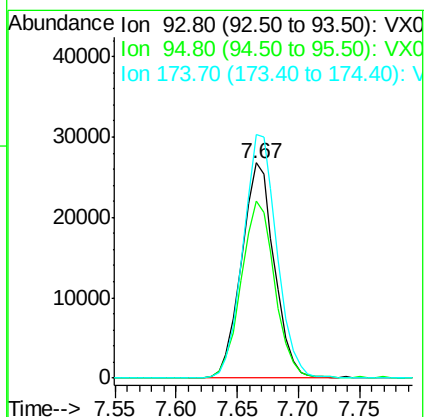
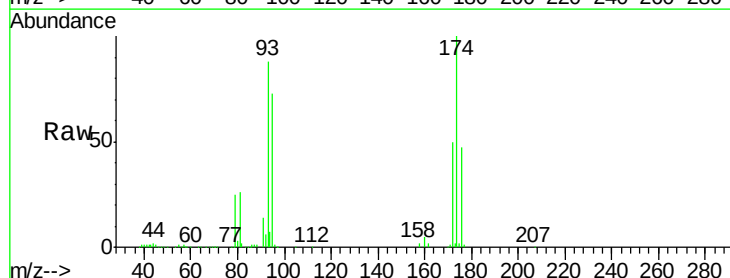
Tgt Ion: 93 Resp: 50121

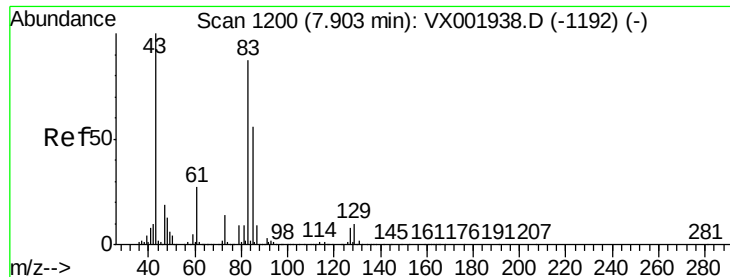
Ion Ratio Lower Upper

93 100

95 84.2 66.1 99.1

174 115.9 92.5 138.7





#47

Bromodichloromethane

Concen: 16.57 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

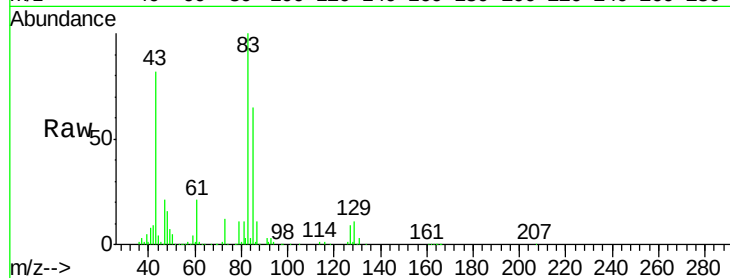
Lab File: VX002017.D

Acq: 26 May 2018 14:12

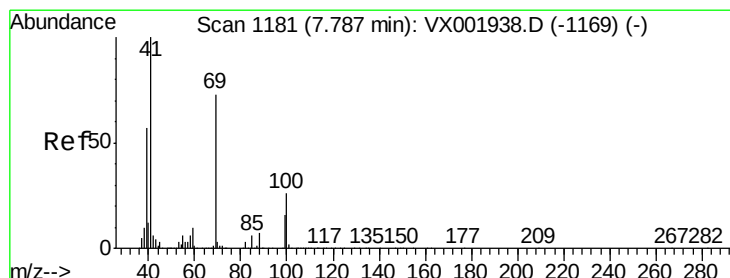
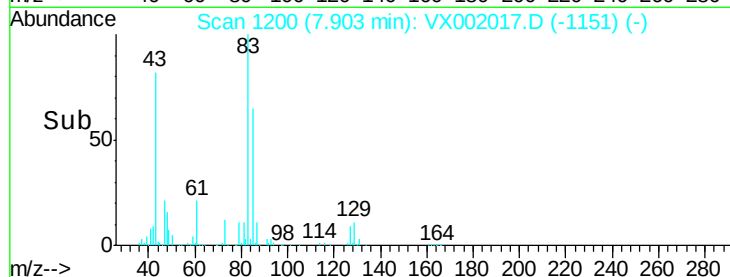
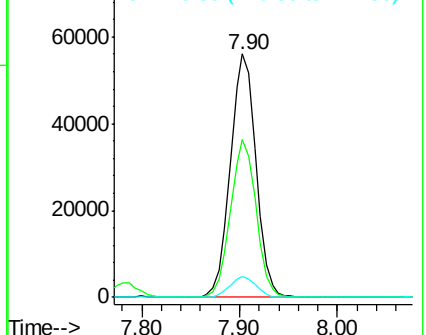
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 101591

Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.4	77.2
127	8.8	7.1	10.7



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: 16.78 ug/l

RT: 7.78 min Scan# 1180

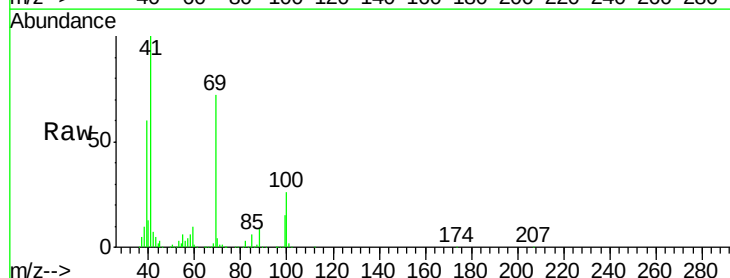
Delta R.T. -0.01 min

Lab File: VX002017.D

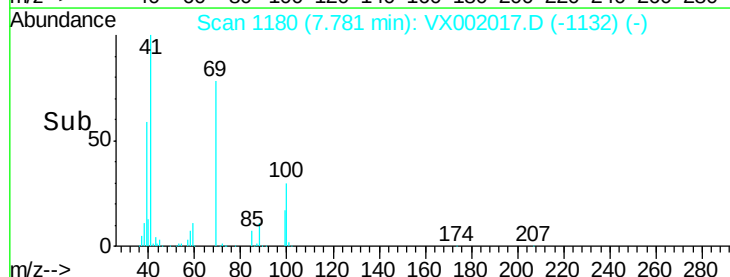
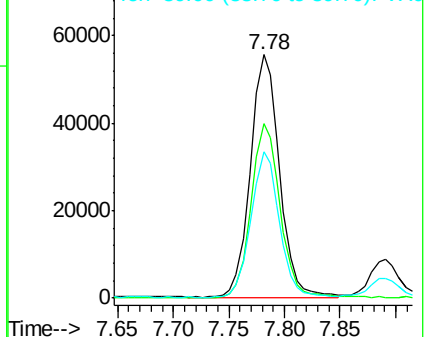
Acq: 26 May 2018 14:12

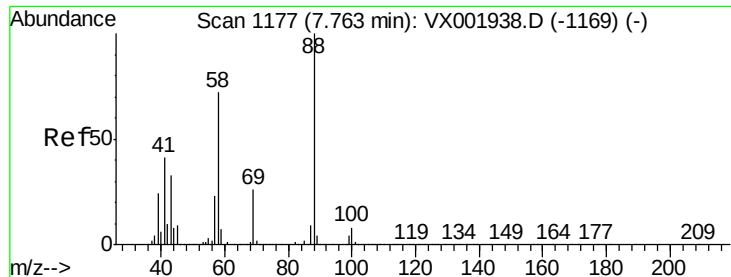
Tgt Ion: 41 Resp: 101263

Ion	Ratio	Lower	Upper
41	100		
69	72.0	58.6	87.8
39	58.3	46.3	69.5



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

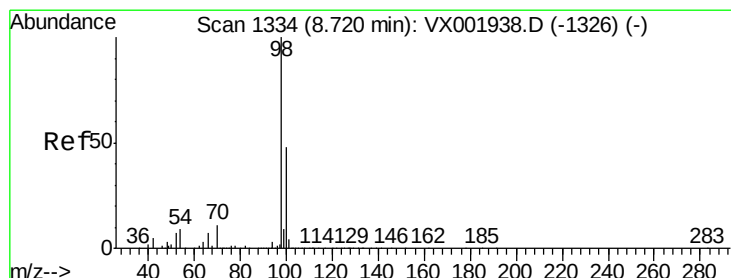
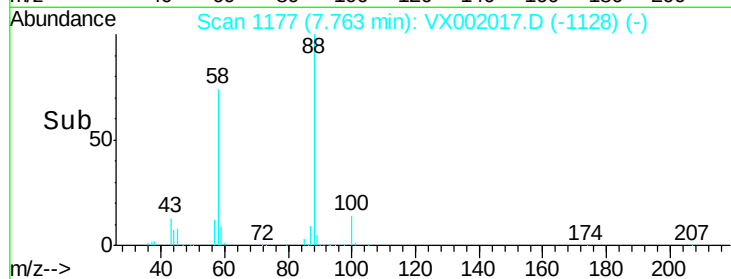
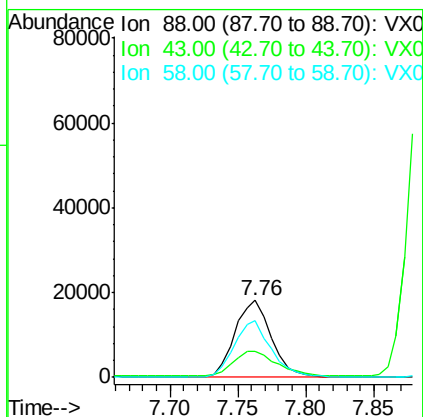
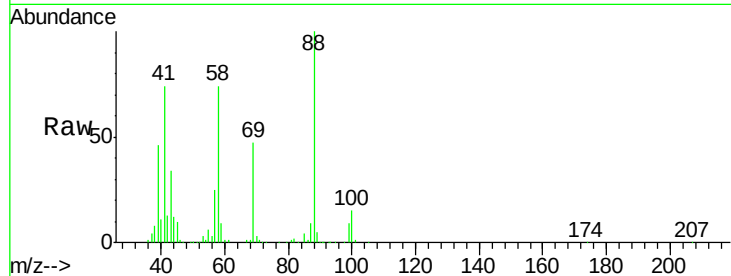




#49
1,4-Dioxane
Concen: 319.85 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

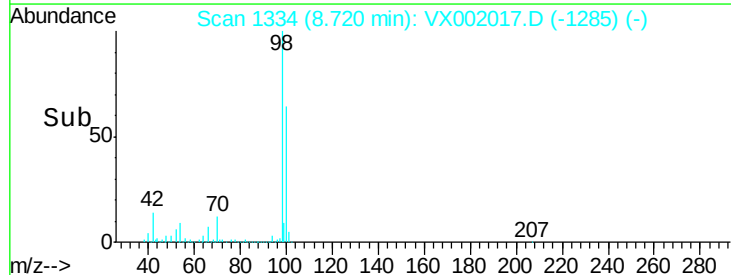
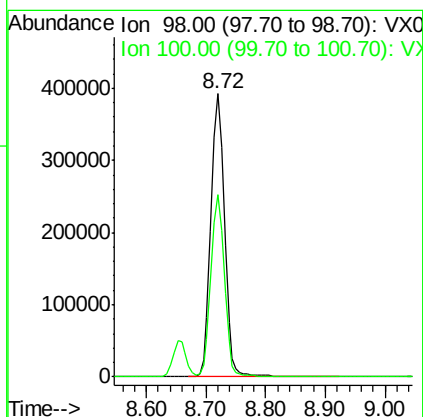
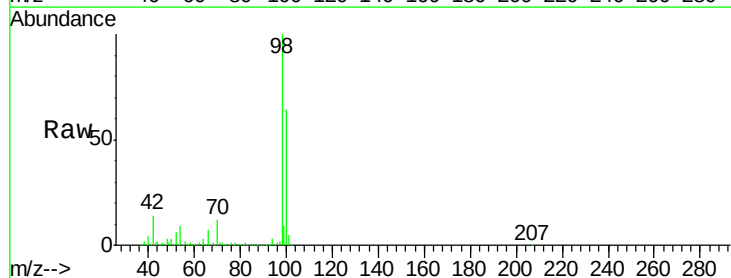
Instrument :
MSVOA_X
ClientSampleId :

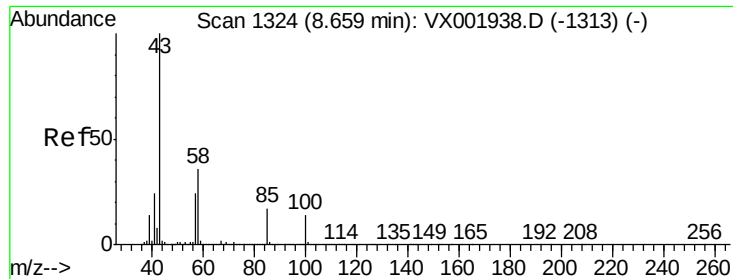
Tot Ion: 88 Resp: 34010
Ion Ratio Lower Upper
88 100
43 38.8 29.8 44.8
58 75.5 58.7 88.1



#50
Toluene-d8
Concen: 43.28 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion: 98 Resp: 614846
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 85.27 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

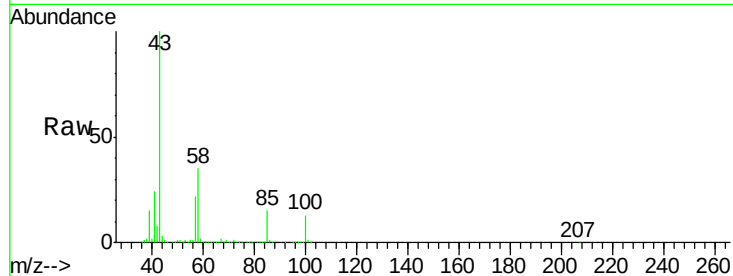
ClientSampleId :

Tot Ion: 43 Resp: 609416

Ion Ratio Lower Upper

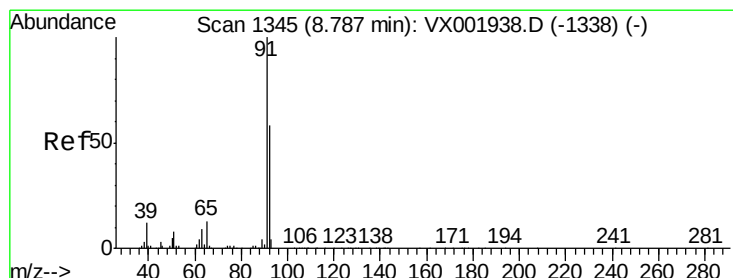
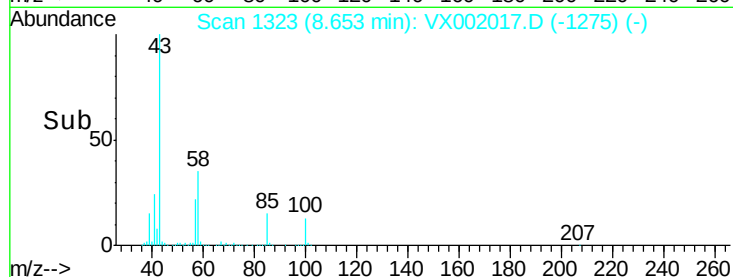
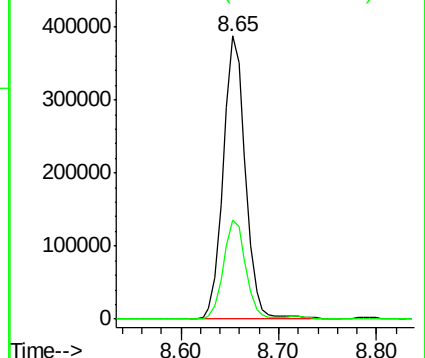
43 100

58 35.0 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 17.40 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002017.D

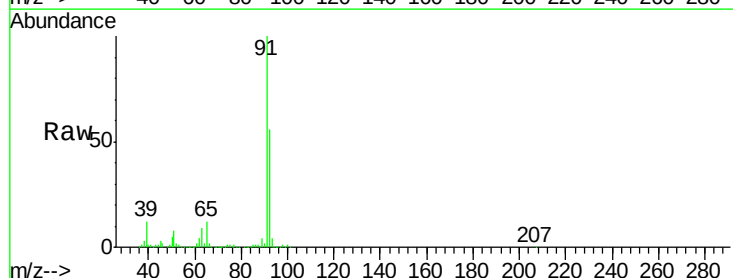
Acq: 26 May 2018 14:12

Tgt Ion: 92 Resp: 177031

Ion Ratio Lower Upper

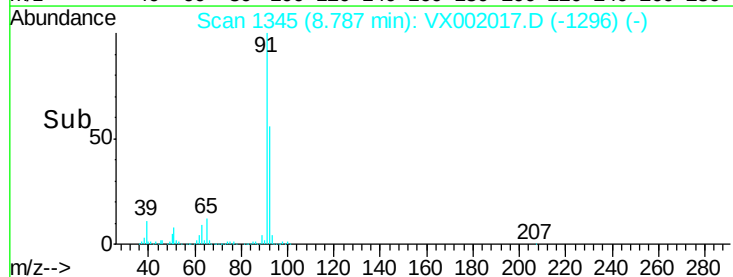
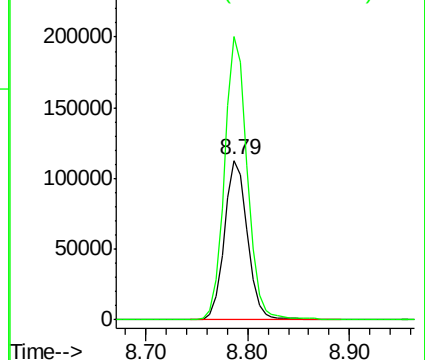
92 100

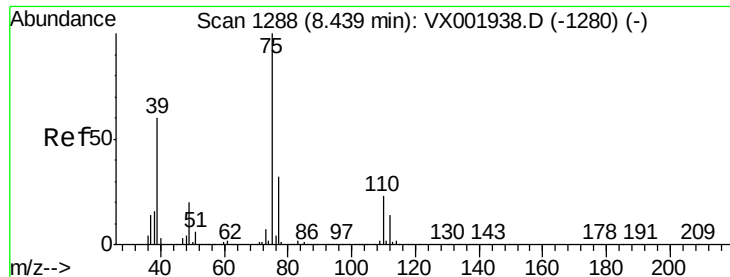
91 175.4 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 17.22 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

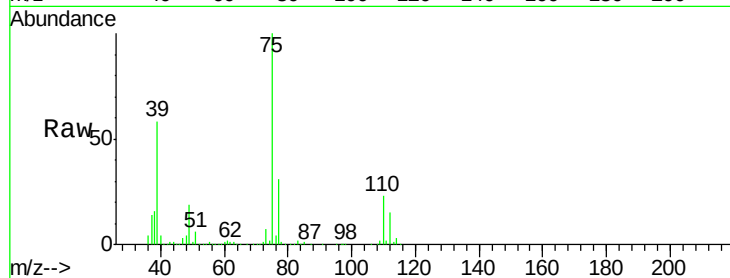
ClientSampleId :

Tot Ion: 75 Resp: 121590

Ion Ratio Lower Upper

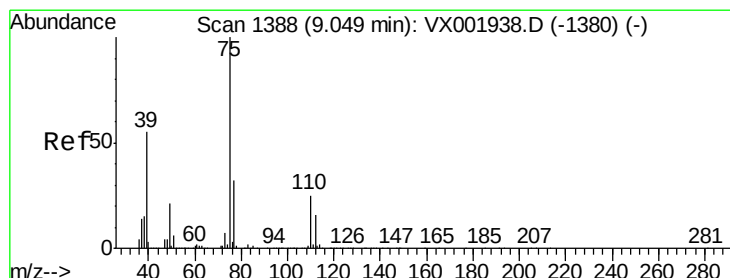
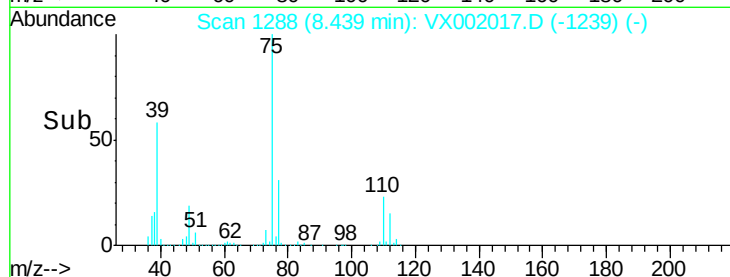
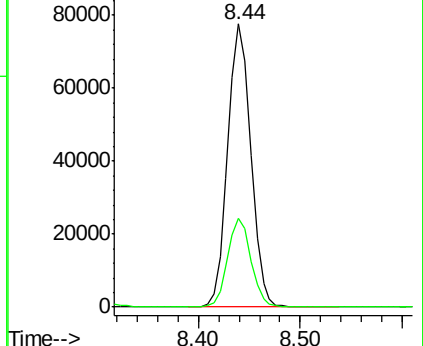
75 100

77 31.1 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 16.76 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

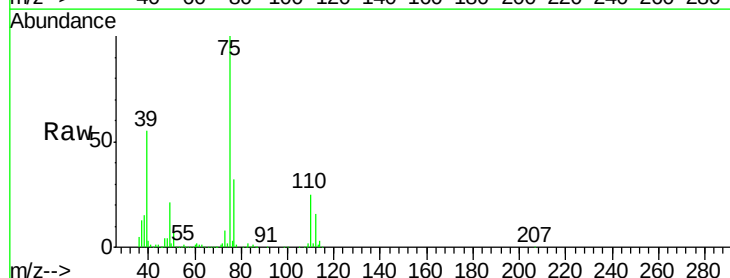
Tgt Ion: 75 Resp: 115328

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0

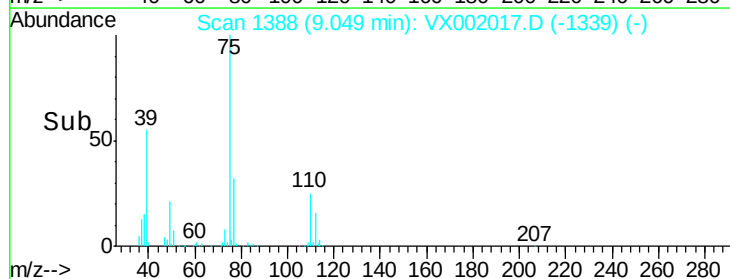
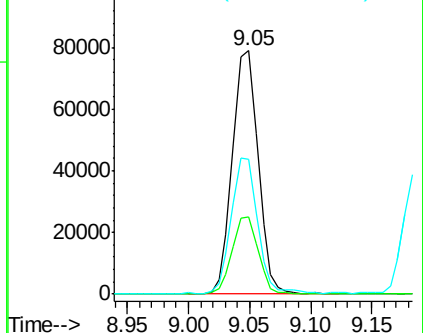
39 55.0 44.1 66.1

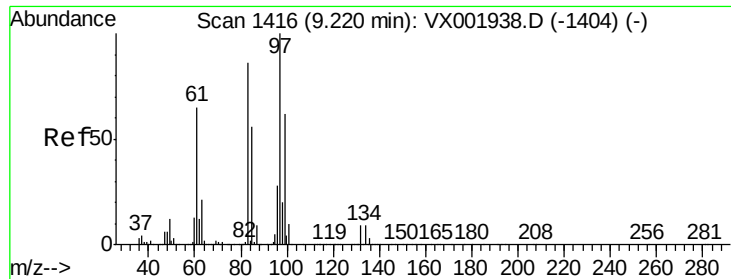


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

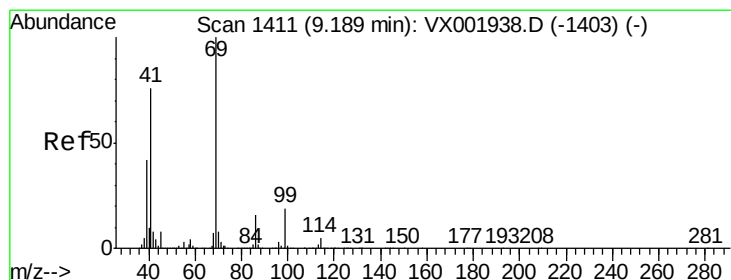
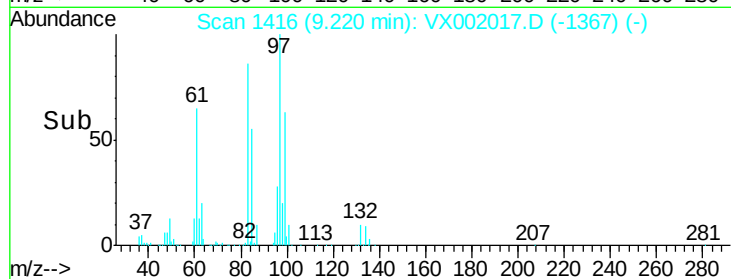
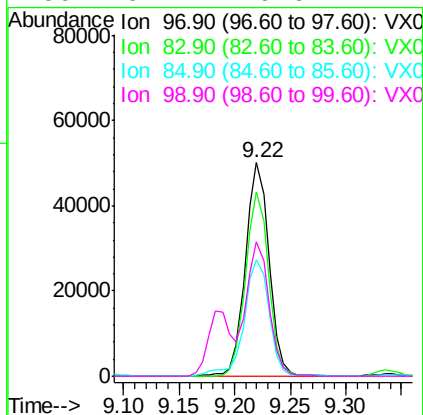
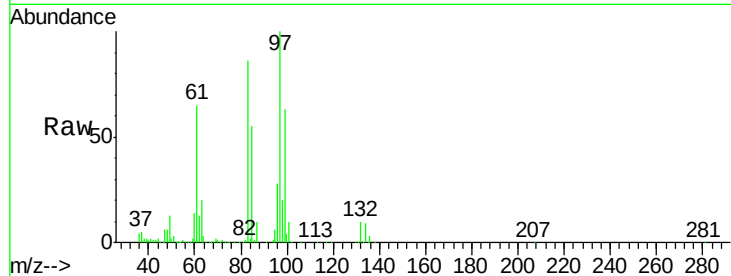




#55
 1,1,2-Trichloroethane
 Concen: 17.50 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

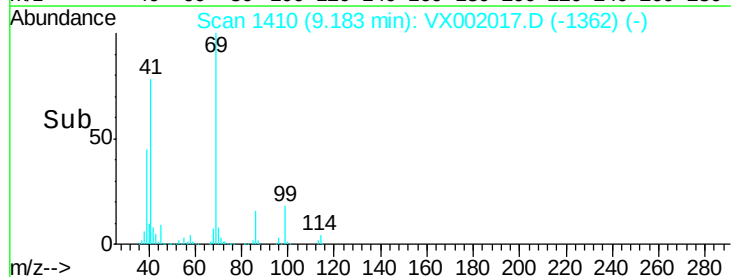
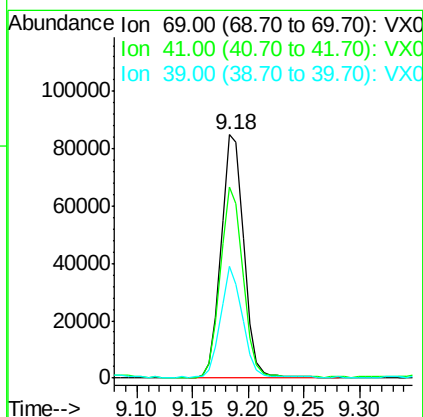
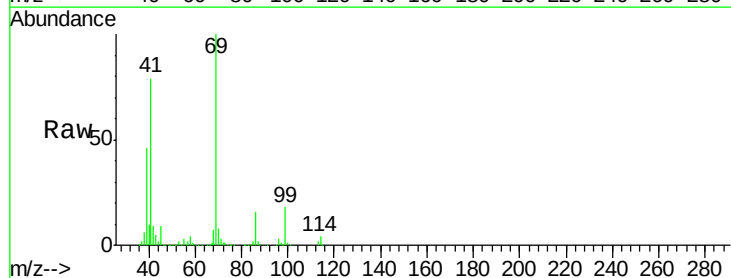
Instrument :
 MSVOA_X
 ClientSampleId :

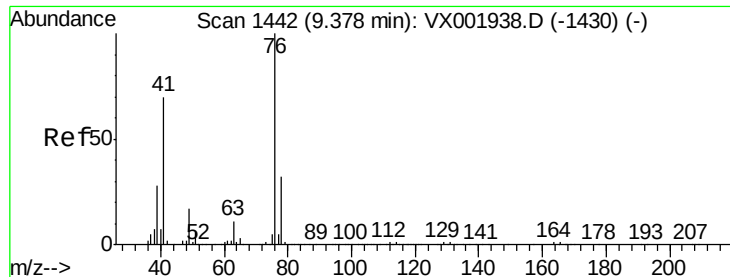
Tot Ion:	97	Resp:	74379
Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.1	103.7
85	54.4	45.2	67.8
99	62.7	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 16.48 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

Tgt Ion:	69	Resp:	120472
Ion	Ratio	Lower	Upper
69	100		
41	77.7	61.0	91.6
39	43.4	34.4	51.6

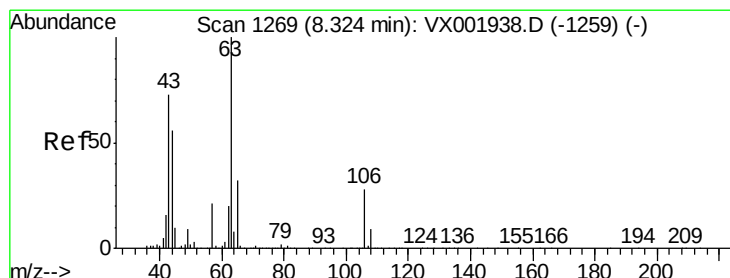
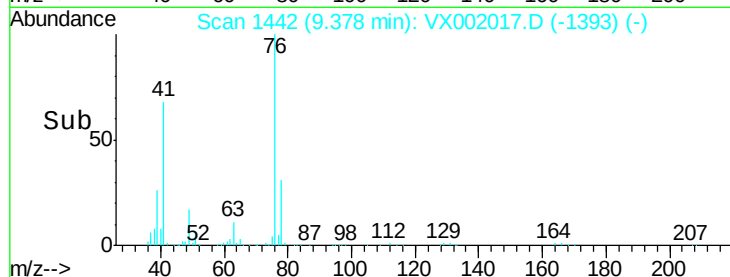
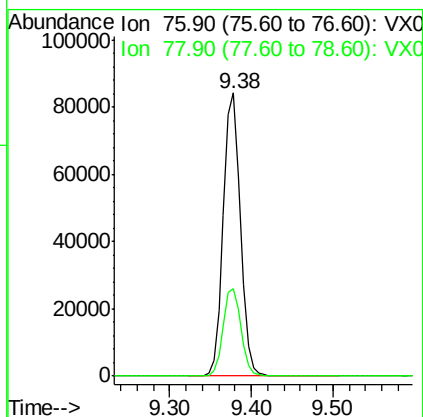
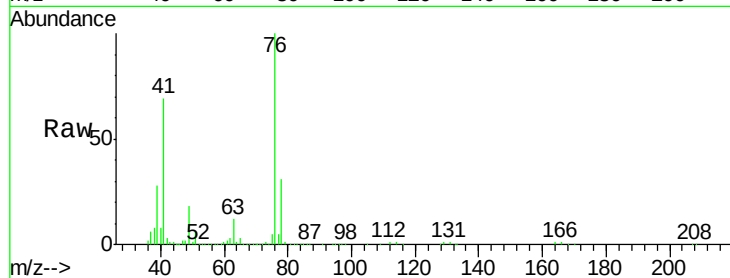




#57
 1,3-Dichloropropane
 Concen: 17.55 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

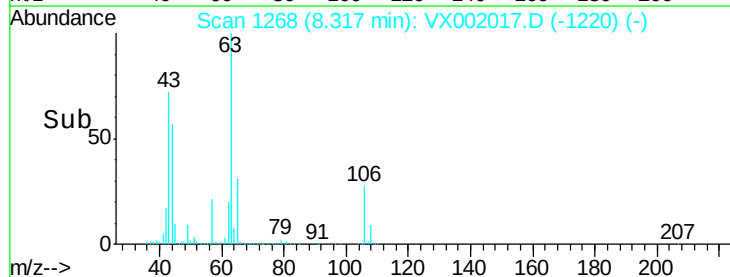
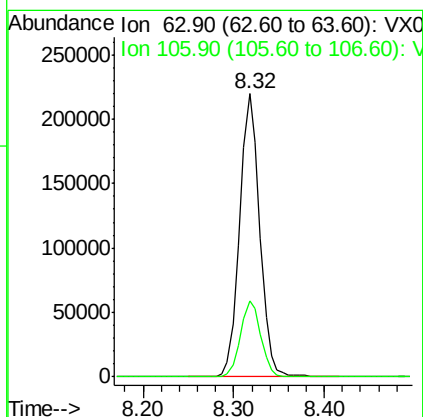
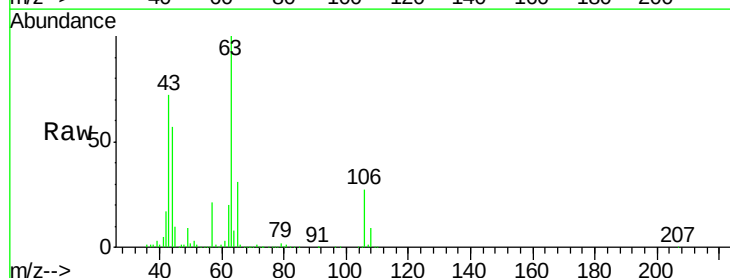
Instrument :
 MSVOA_X
 ClientSampleId :

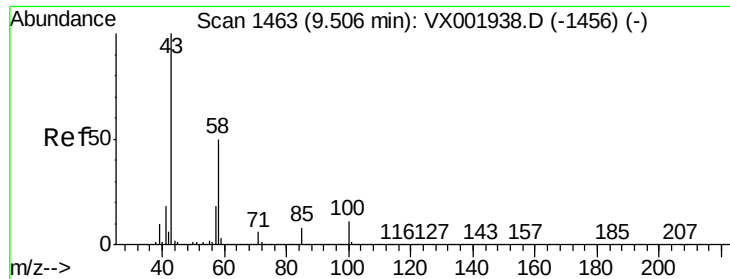
Tot Ion: 76 Resp: 122923
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.16 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

Tgt Ion: 63 Resp: 337554
 Ion Ratio Lower Upper
 63 100
 106 27.3 21.7 32.5

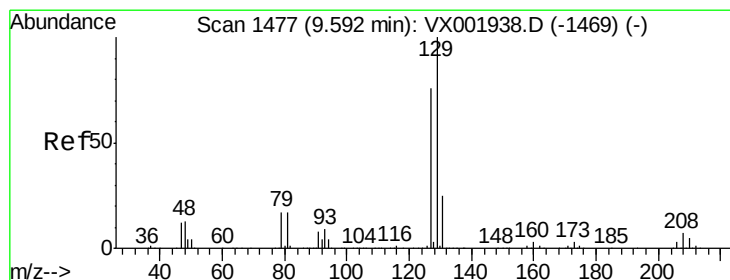
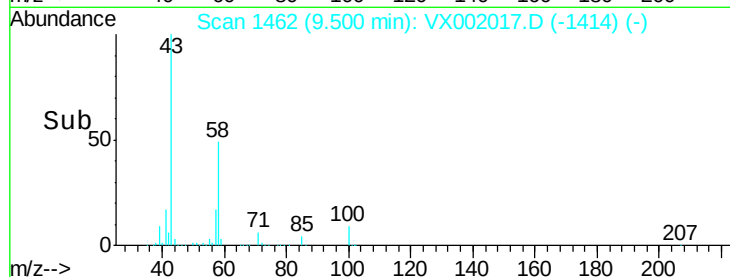
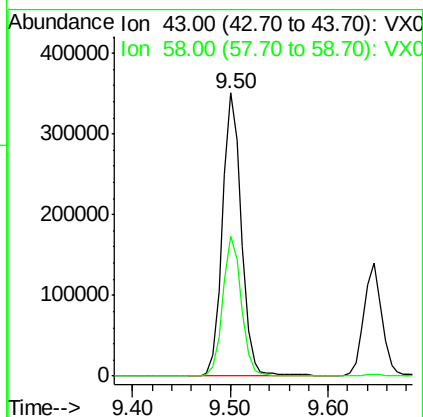
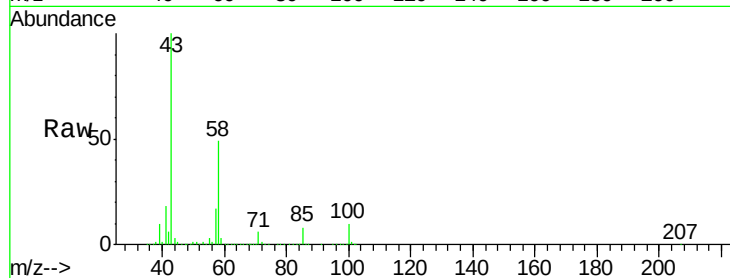




#59
2-Hexanone
Concen: 85.26 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

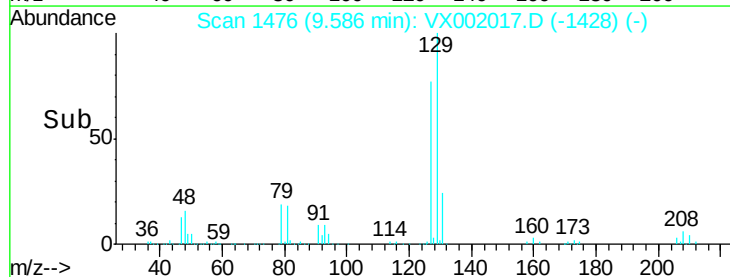
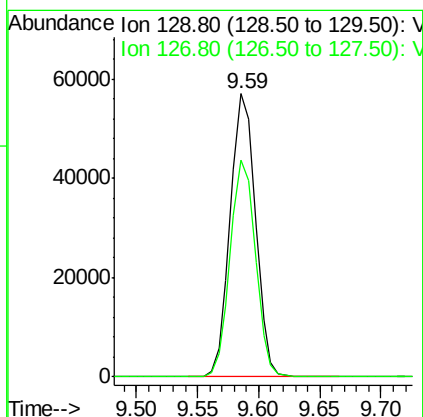
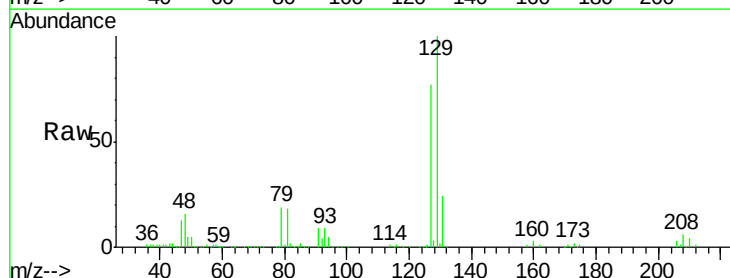
Instrument :
MSVOA_X
ClientSampleId :

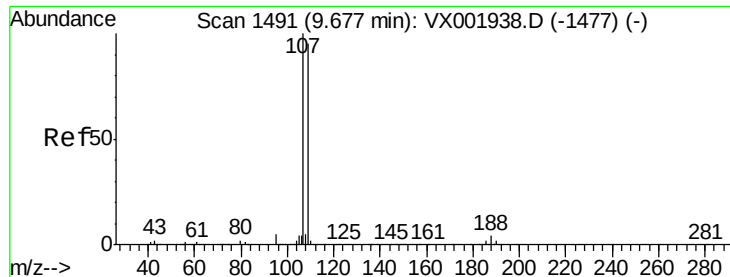
Tot Ion: 43 Resp: 469820
Ion Ratio Lower Upper
43 100
58 48.7 24.9 74.6



#60
Dibromochloromethane
Concen: 16.19 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion: 129 Resp: 81493
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.9





#61

1,2-Dibromoethane

Concen: 17.23 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

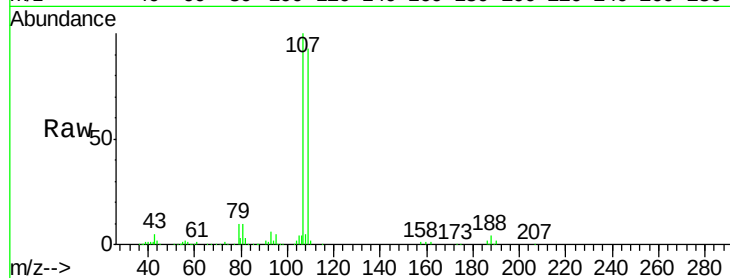
ClientSampleId :

Tot Ion:107 Resp: 76855

Ion Ratio Lower Upper

107 100

109 94.4 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

60000

50000

40000

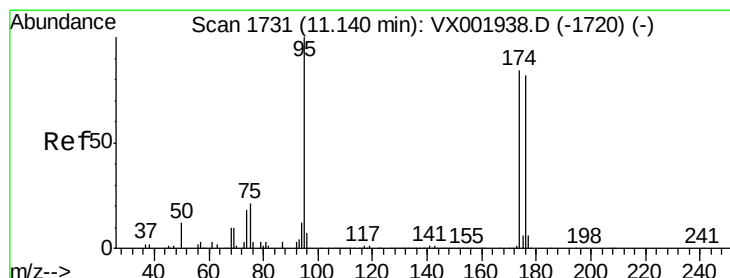
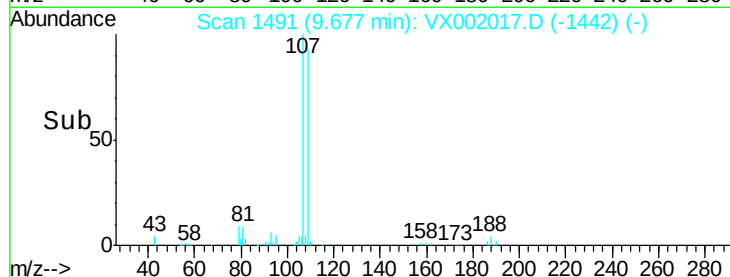
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.27 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

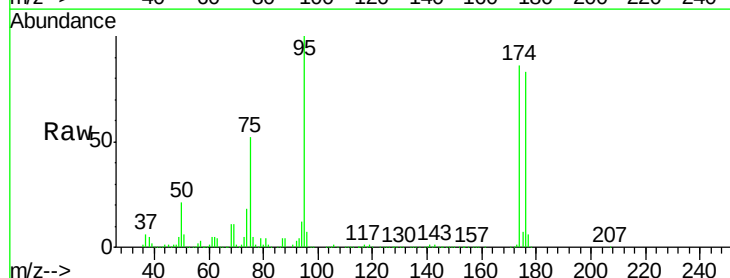
Tgt Ion: 95 Resp: 234910

Ion Ratio Lower Upper

95 100

174 91.3 0.0 178.8

176 89.6 0.0 175.6



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

11.14

250000

200000

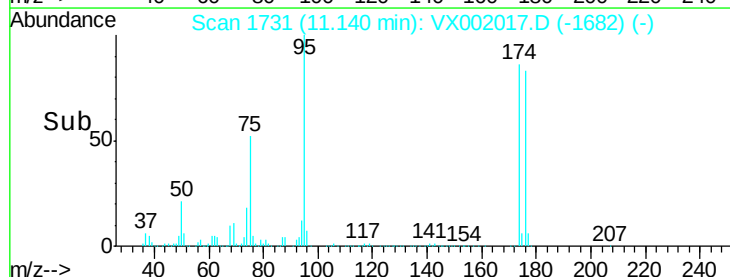
150000

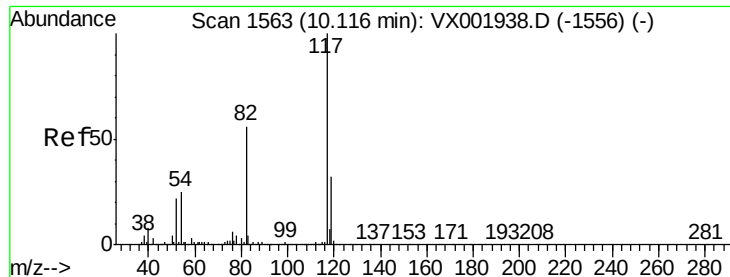
100000

50000

0

Time-->

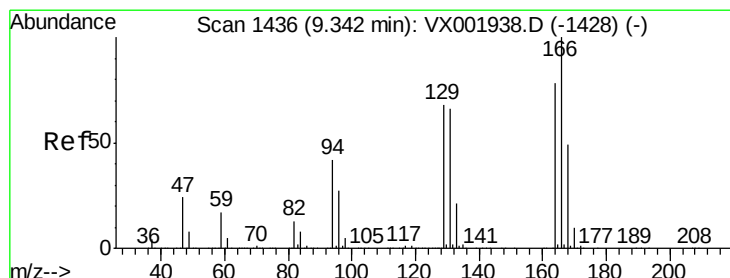
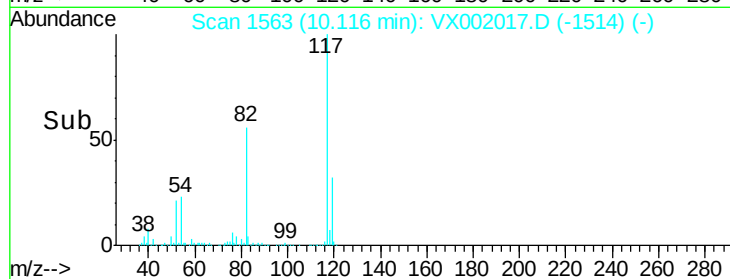
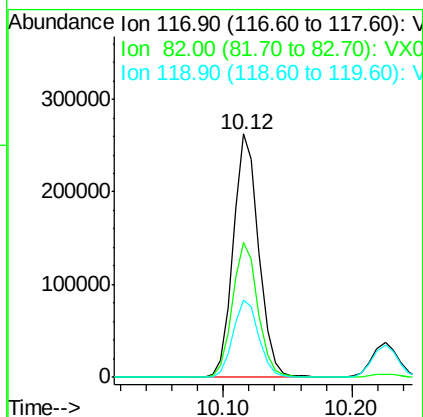
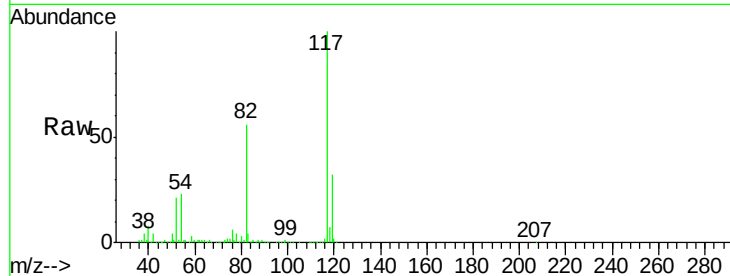




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

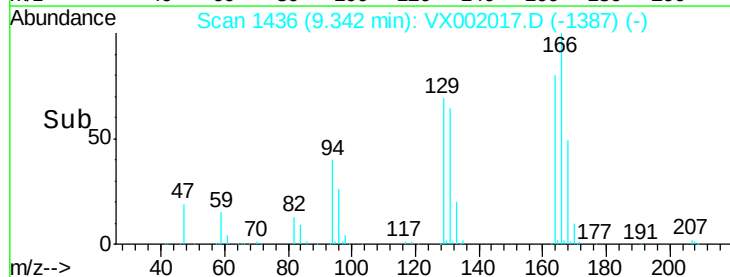
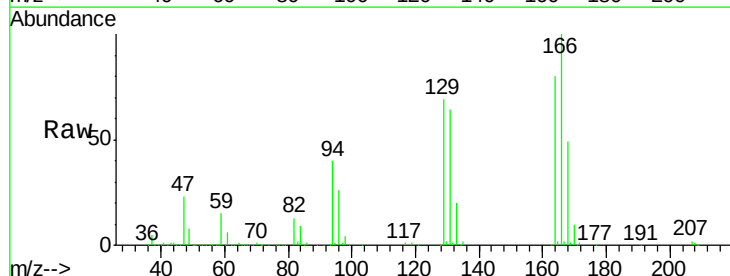
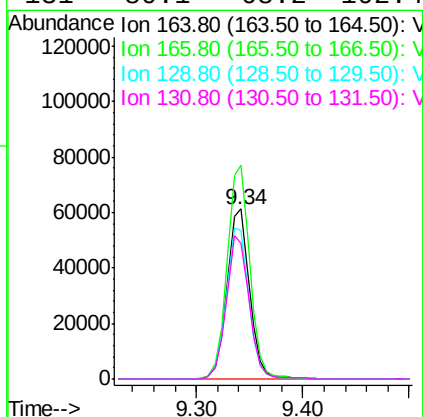
Instrument :
MSVOA_X
ClientSampleId :

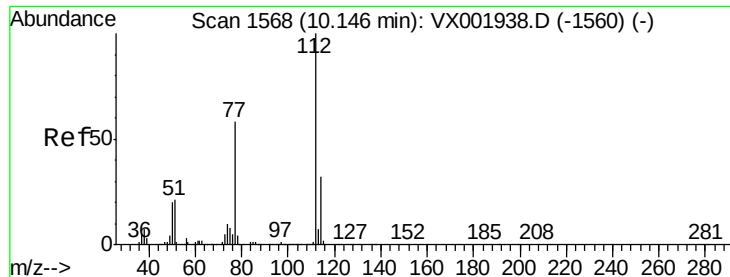
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.8	67.2
119	31.7	25.5	38.3



#64
Tetrachloroethene
Concen: 17.63 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.7	102.7	154.1
129	87.3	70.3	105.5
131	80.1	68.2	102.4

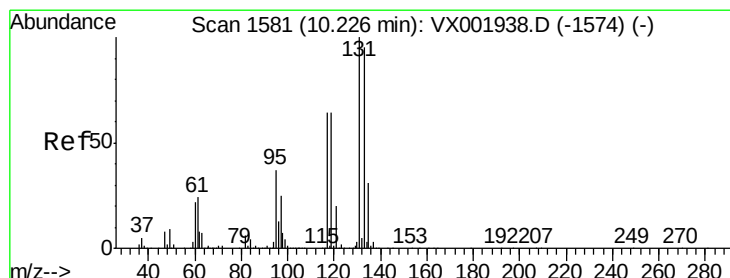
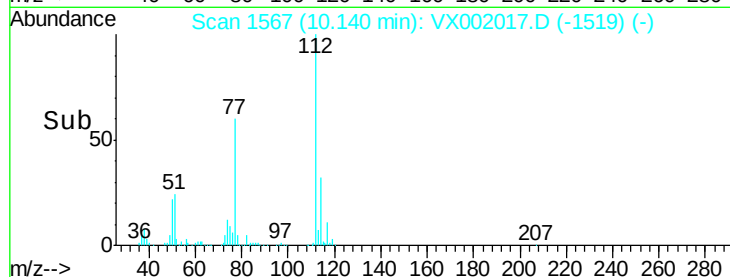
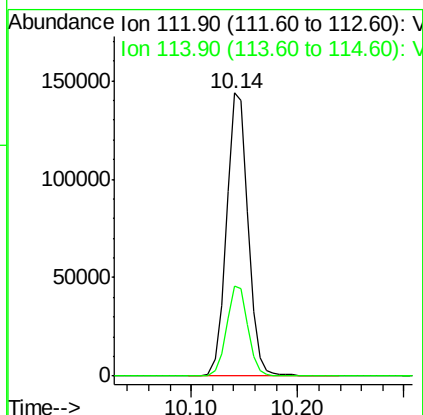
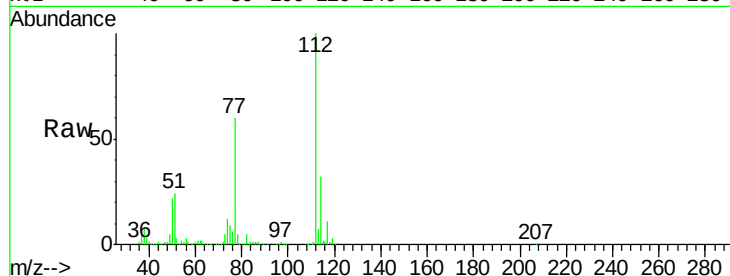




#65
Chlorobenzene
Concen: 17.77 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

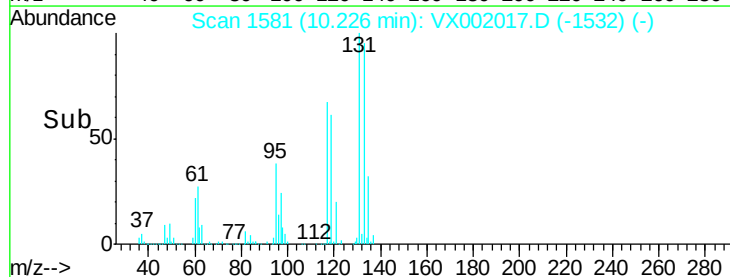
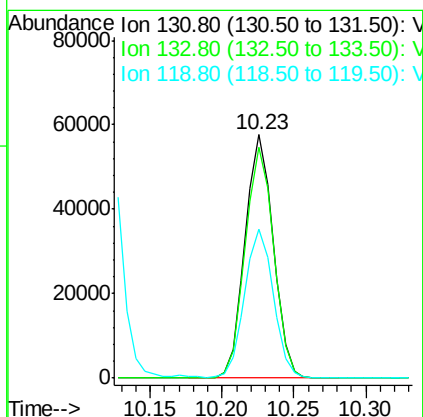
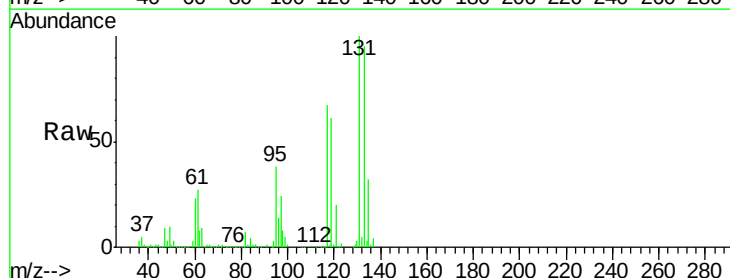
Instrument :
MSVOA_X
ClientSampleId :

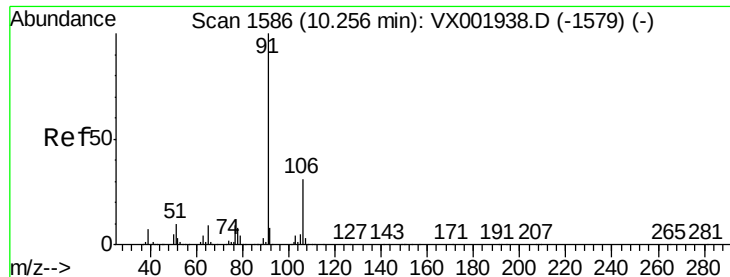
Tot Ion:112 Resp: 204288
Ion Ratio Lower Upper
112 100
114 31.8 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 16.87 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion:131 Resp: 78347
Ion Ratio Lower Upper
131 100
133 95.6 48.0 144.0
119 62.3 31.9 95.5

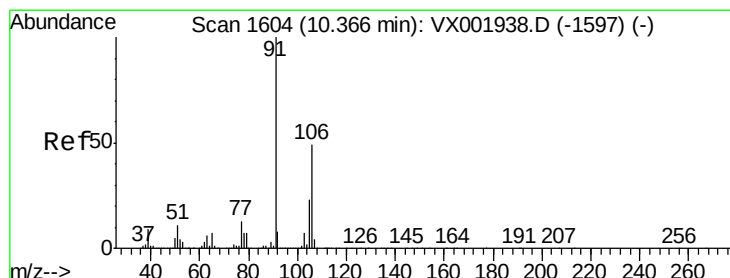
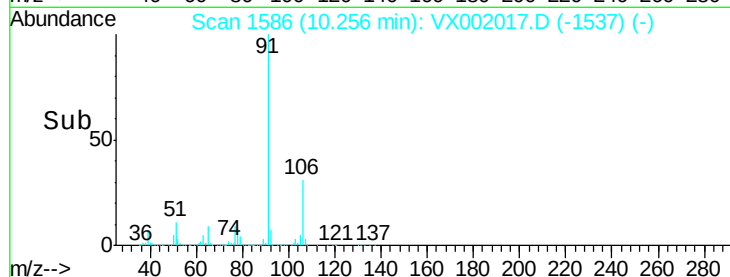
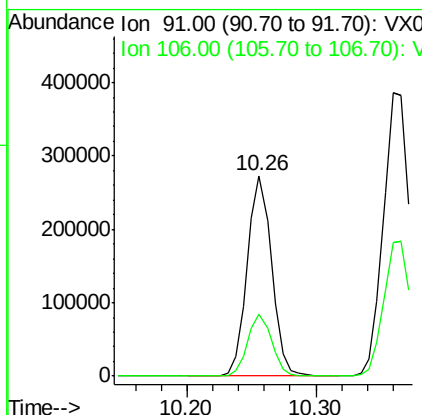
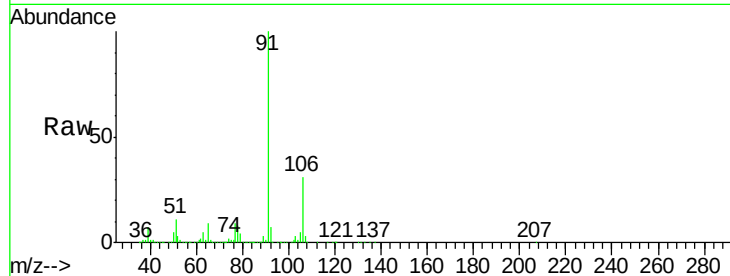




#67
Ethyl Benzene
Concen: 17.78 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

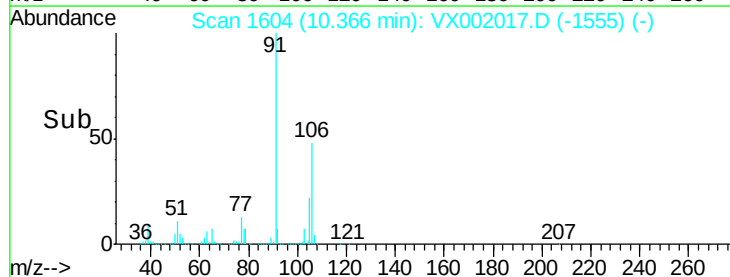
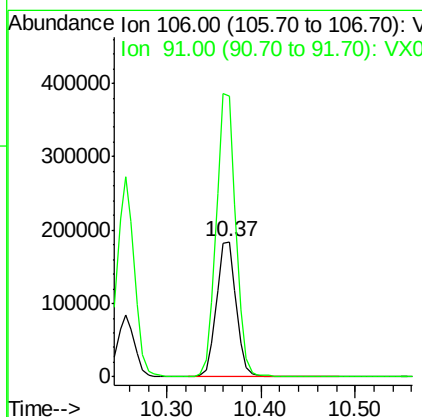
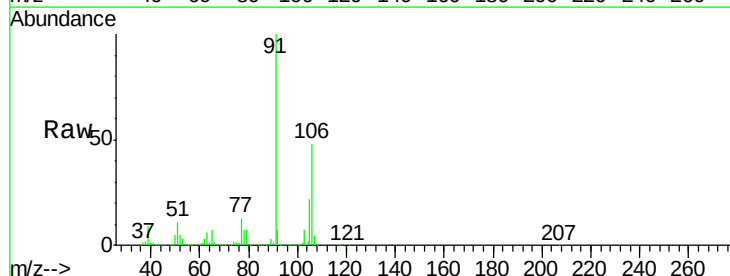
Instrument :
MSVOA_X
ClientSampled :

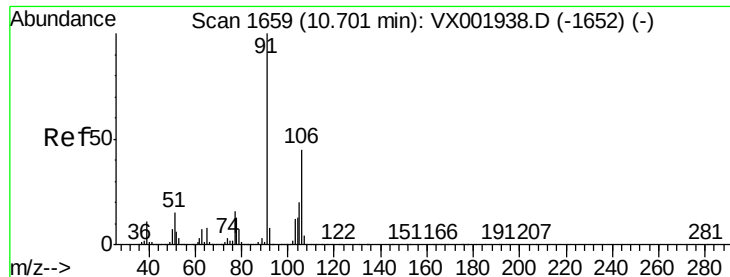
Tot Ion: 91 Resp: 355244
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.6



#68
m/p-Xylenes
Concen: 34.81 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion: 106 Resp: 265871
Ion Ratio Lower Upper
106 100
91 208.7 165.0 247.6

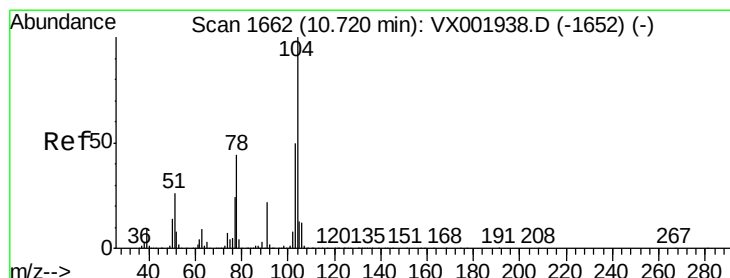
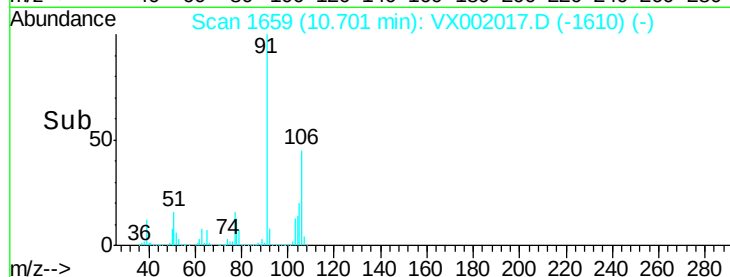
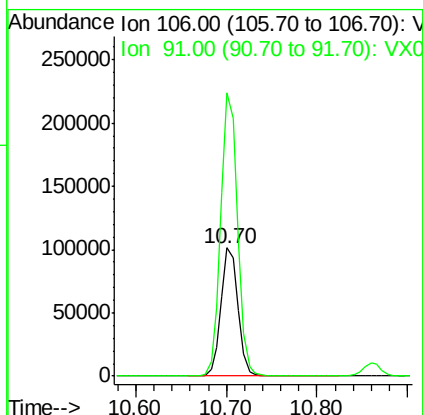
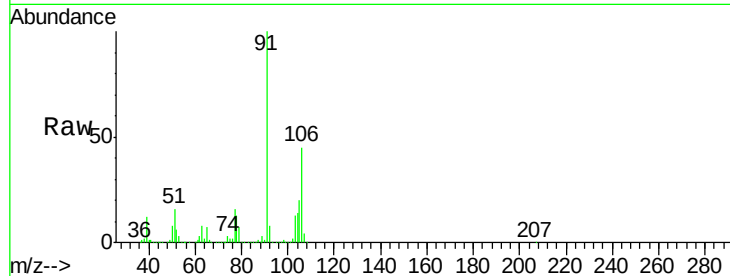




#69
o-Xylene
Concen: 17.46 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

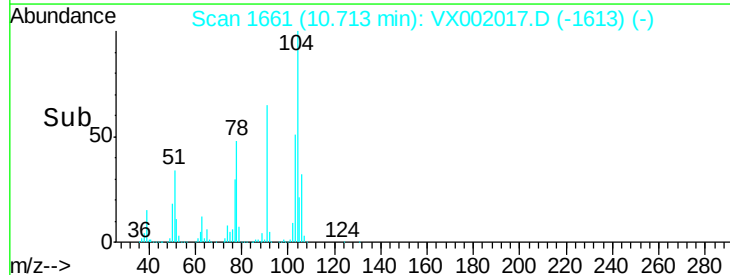
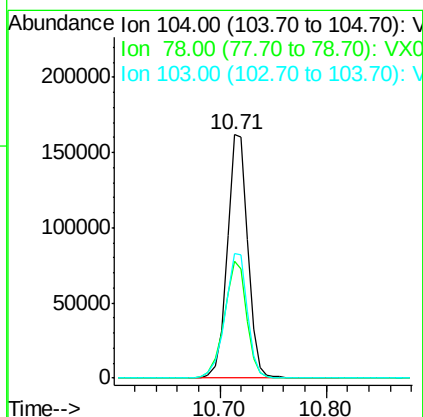
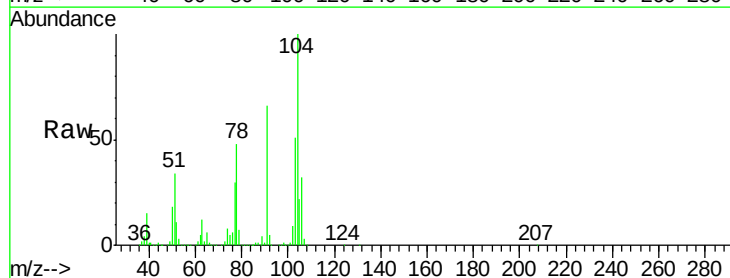
Instrument :
MSVOA_X
ClientSampleId :

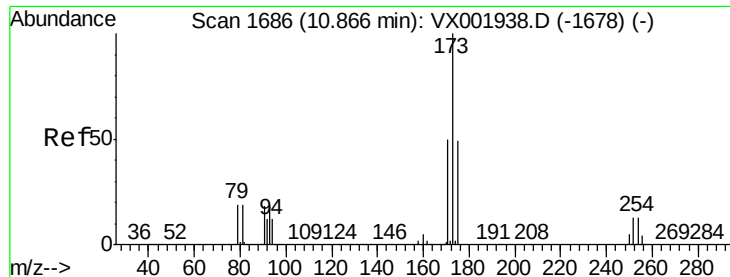
Tot Ion:106 Resp: 133108
Ion Ratio Lower Upper
106 100
91 218.9 108.7 325.9



#70
Styrene
Concen: 17.28 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion:104 Resp: 218535
Ion Ratio Lower Upper
104 100
78 52.2 41.8 62.6
103 55.6 44.6 67.0





#71

Bromoform

Concen: 14.96 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

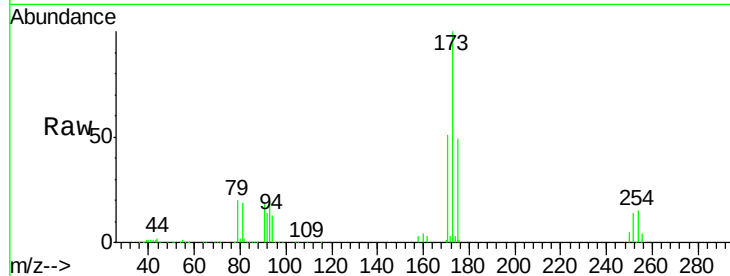
Tot Ion:173 Resp: 65884

Ion Ratio Lower Upper

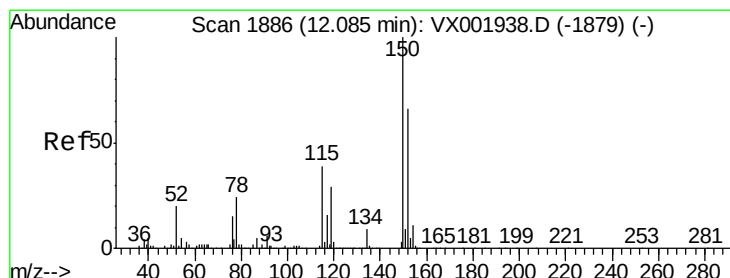
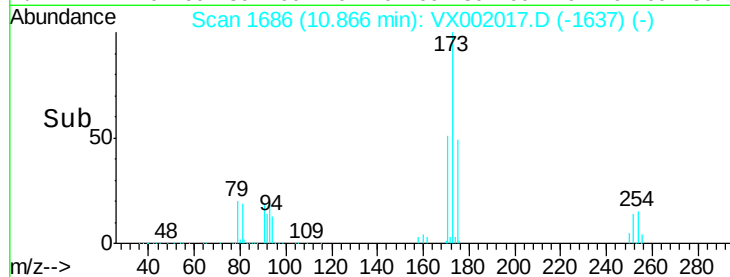
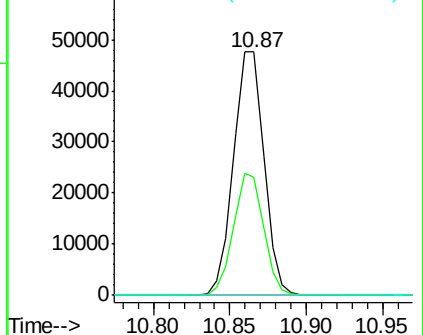
173 100

175 49.7 24.3 72.9

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

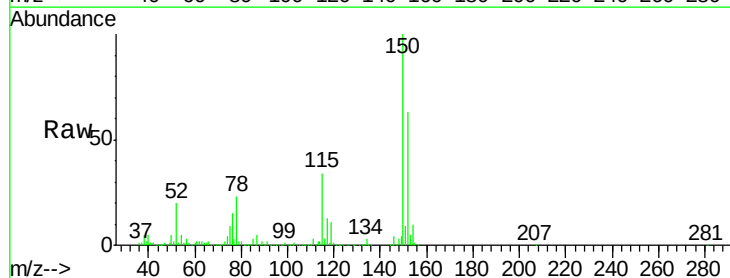
Tgt Ion:152 Resp: 241222

Ion Ratio Lower Upper

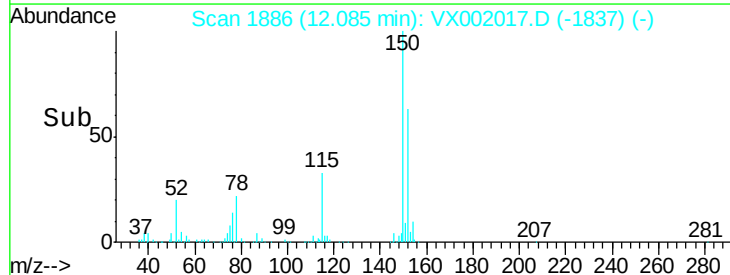
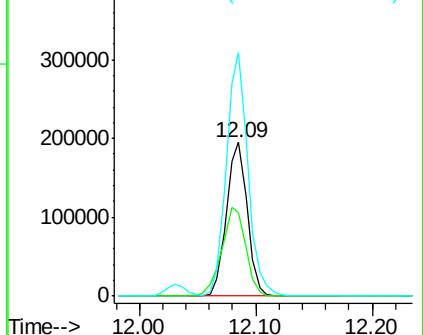
152 100

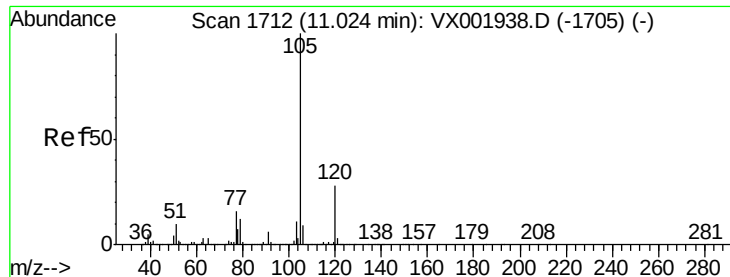
115 65.8 42.3 126.8

150 163.8 0.0 351.0



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: 17.70 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

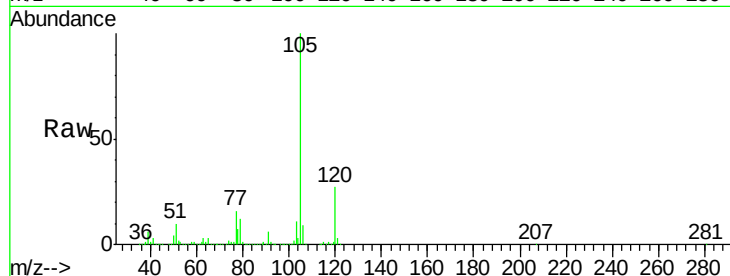
ClientSampleId :

Tot Ion:105 Resp: 361550

Ion Ratio Lower Upper

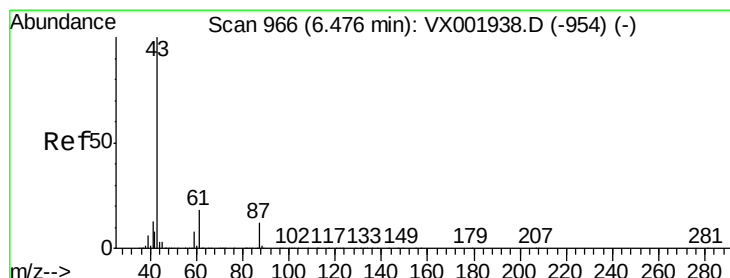
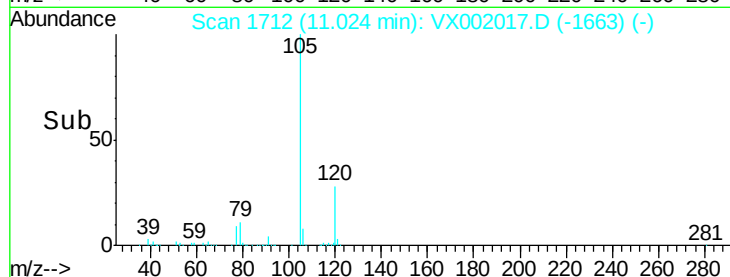
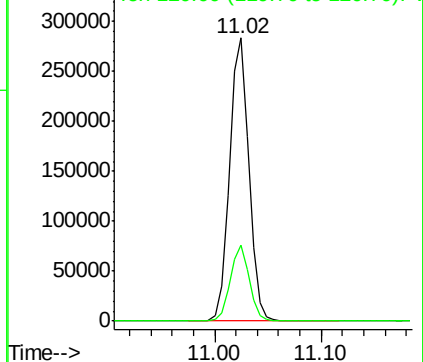
105 100

120 26.4 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.75 ug/l

RT: 6.47 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Tgt Ion: 43 Resp: 199703

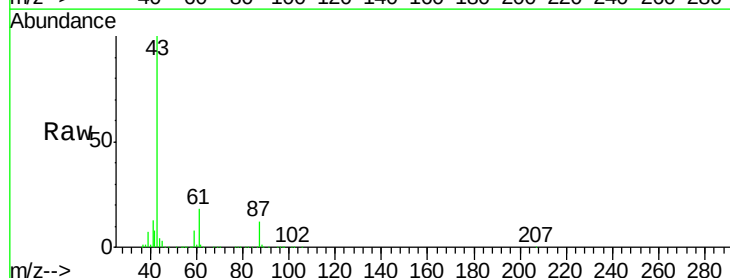
Ion Ratio Lower Upper

43 100

70 0.1 0.1 0.1

55 0.0 0.1 0.1#

61 18.2 14.5 21.7

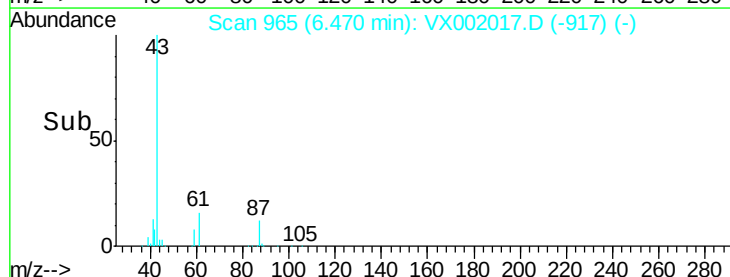
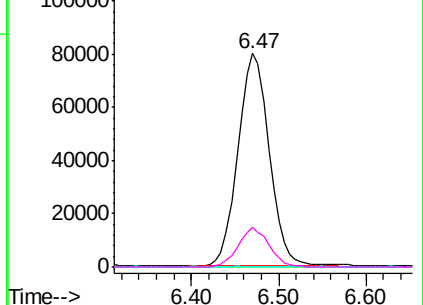


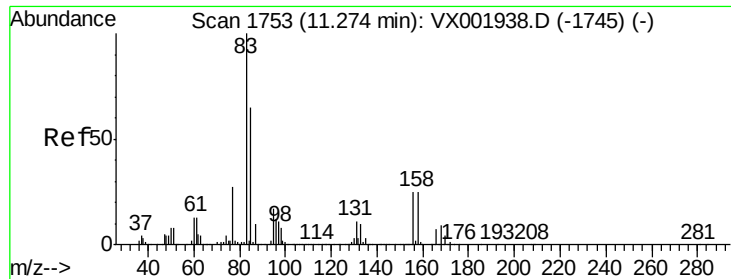
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 17.81 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

ClientSampled :

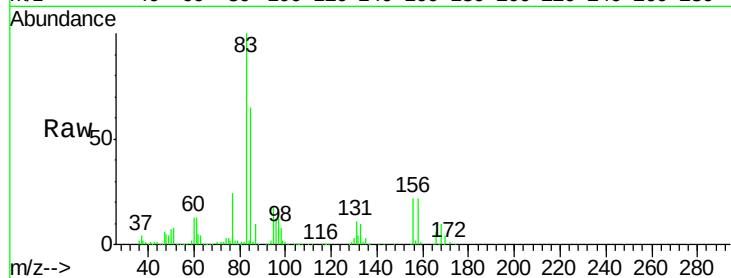
Tot Ion: 83 Resp: 104040

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.0

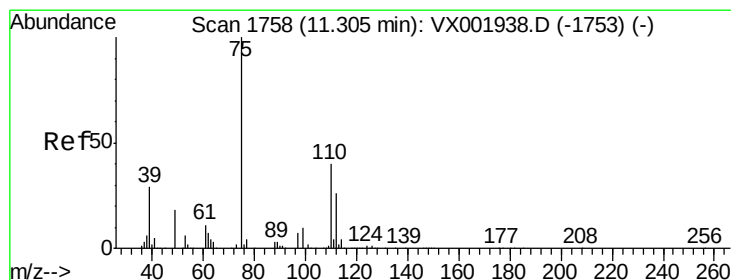
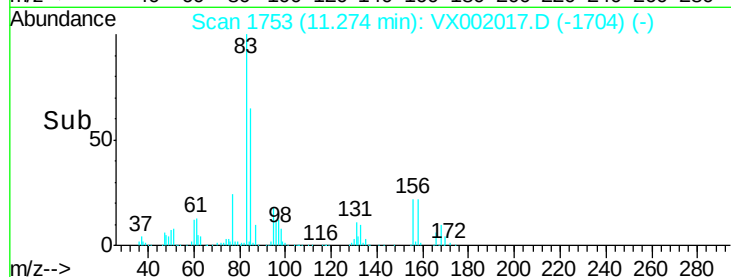
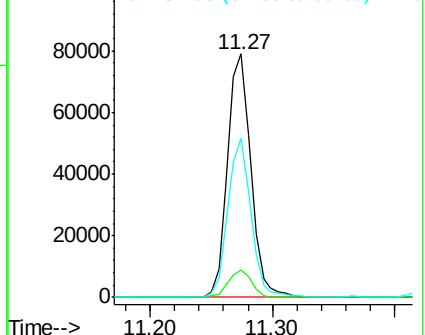
85 64.5 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.82 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002017.D

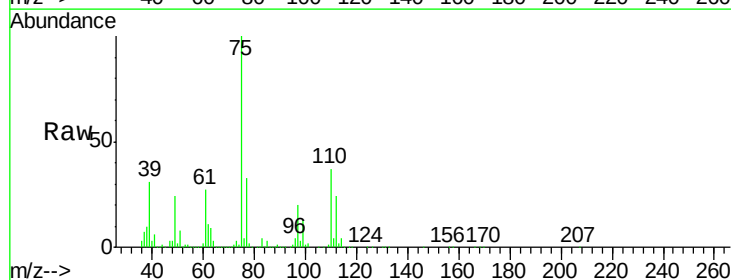
Acq: 26 May 2018 14:12

Tgt Ion: 75 Resp: 132243

Ion Ratio Lower Upper

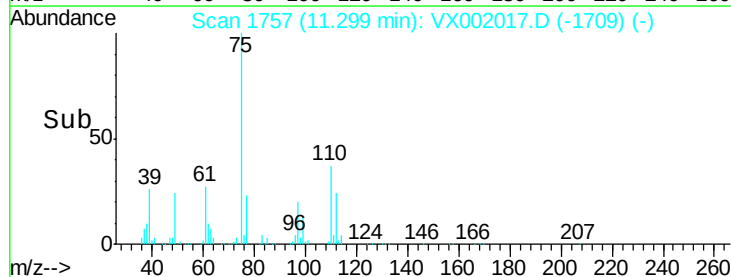
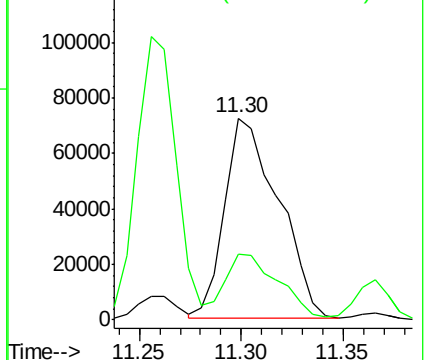
75 100

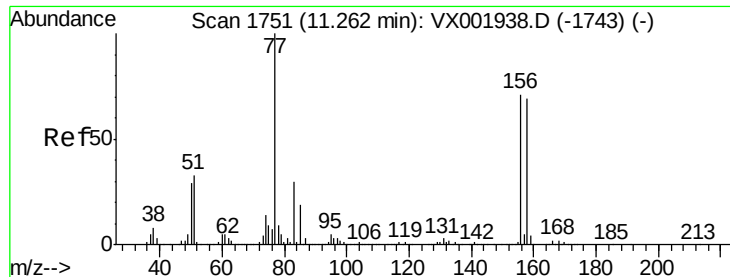
77 33.3 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.18 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

ClientSampled :

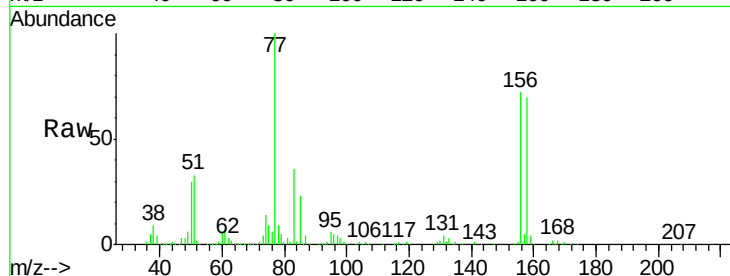
Tot Ion:156 Resp: 93115

Ion Ratio Lower Upper

156 100

77 147.3 75.2 225.6

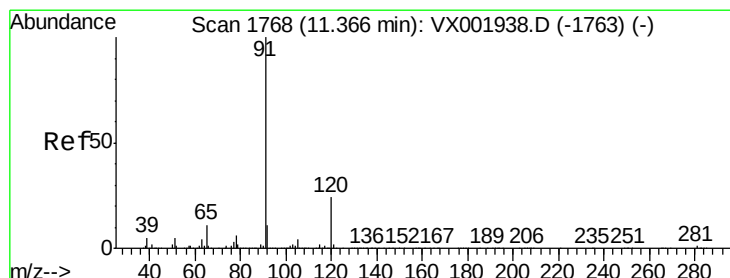
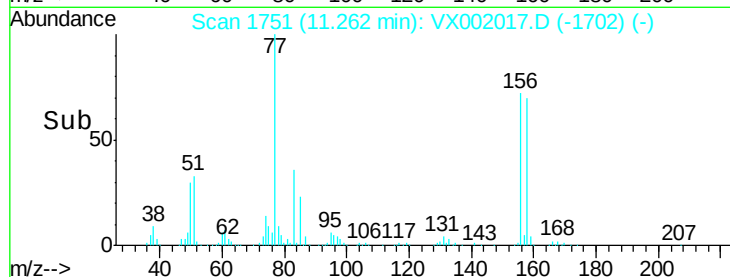
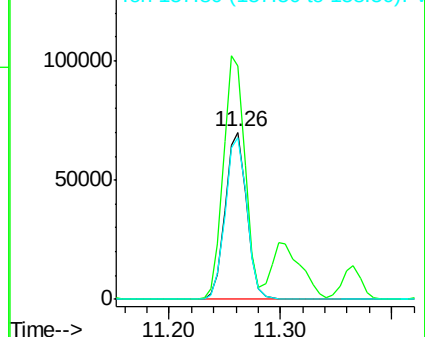
158 98.3 48.6 145.8



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: 17.84 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002017.D

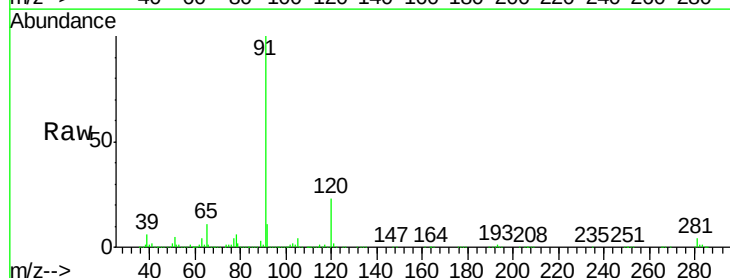
Acq: 26 May 2018 14:12

Tgt Ion: 91 Resp: 408230

Ion Ratio Lower Upper

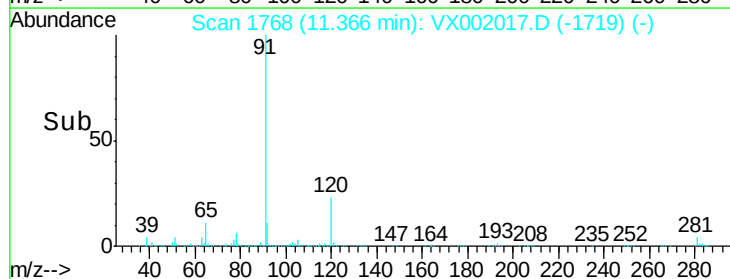
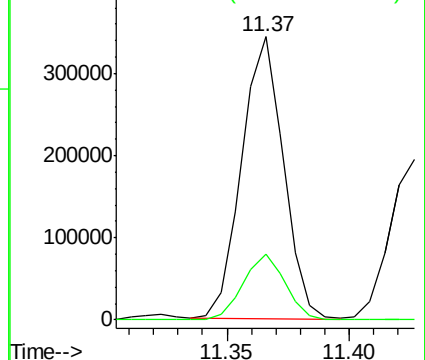
91 100

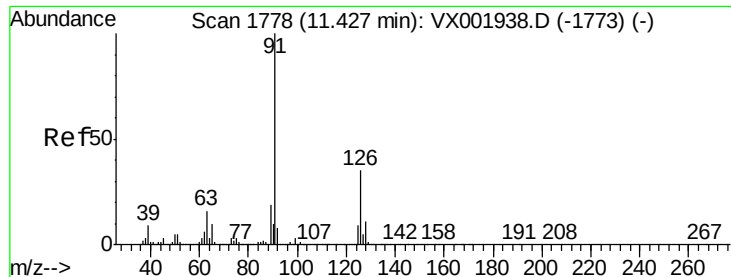
120 23.5 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.98 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

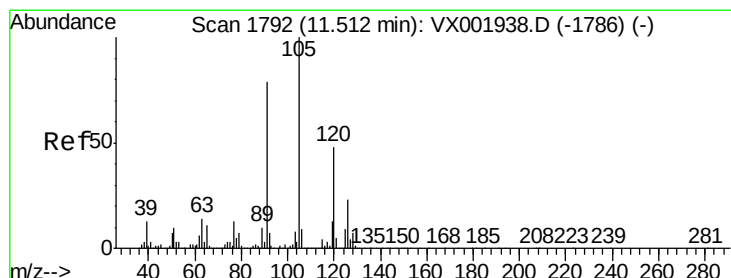
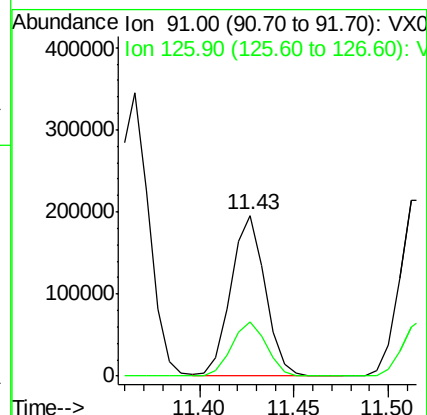
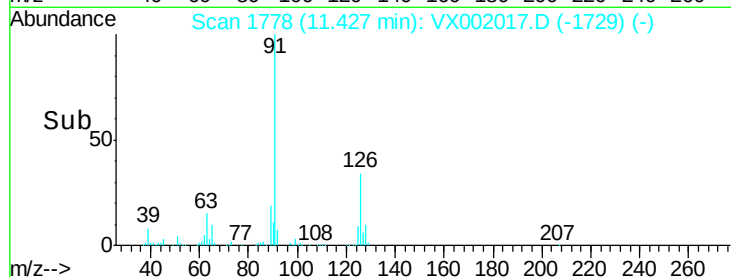
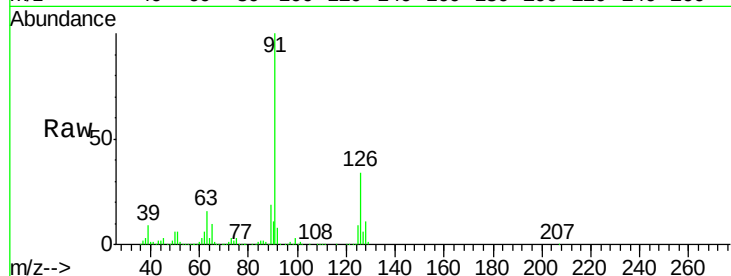
ClientSampleId :

Tot Ion: 91 Resp: 244133

Ion Ratio Lower Upper

91 100

126 34.7 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 17.41 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002017.D

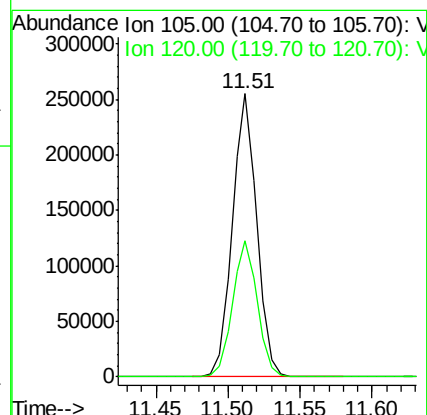
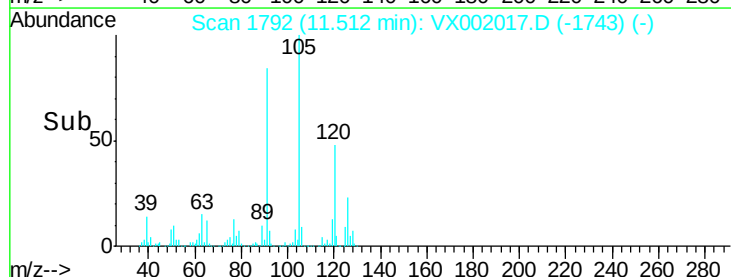
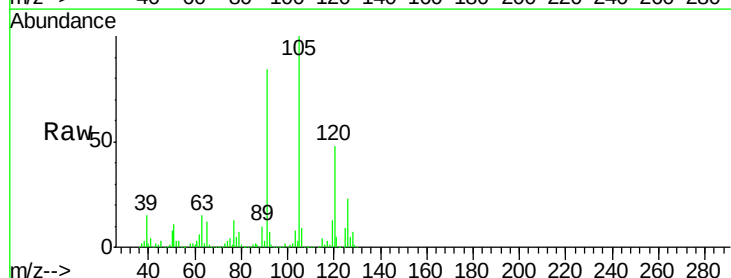
Acq: 26 May 2018 14:12

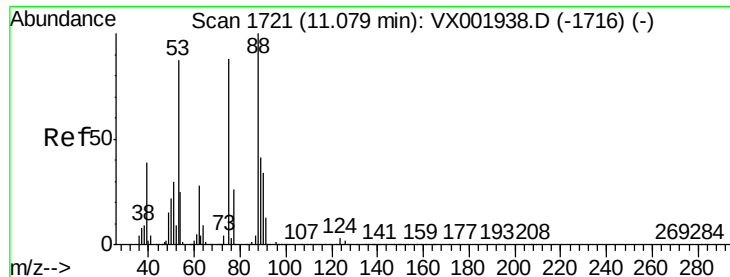
Tgt Ion: 105 Resp: 303980

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 15.08 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

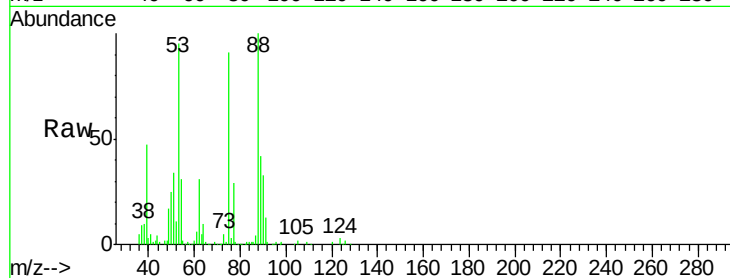
Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 75 Resp: 36357

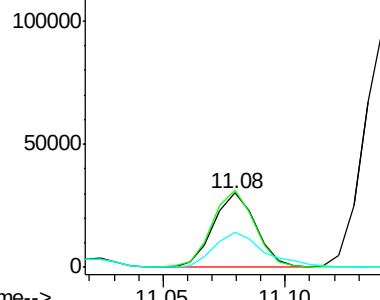
Ion	Ratio	Lower	Upper
75	100		
53	103.7	78.0	117.0
89	56.0	39.4	59.2



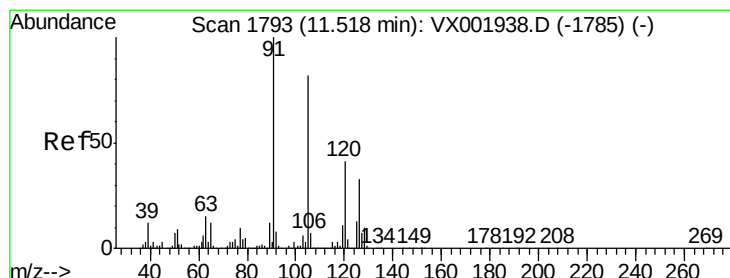
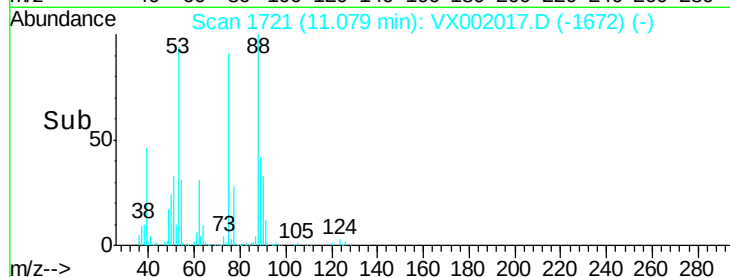
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



Time-->



#82

4-Chlorotoluene

Concen: 17.45 ug/l

RT: 11.51 min Scan# 1792

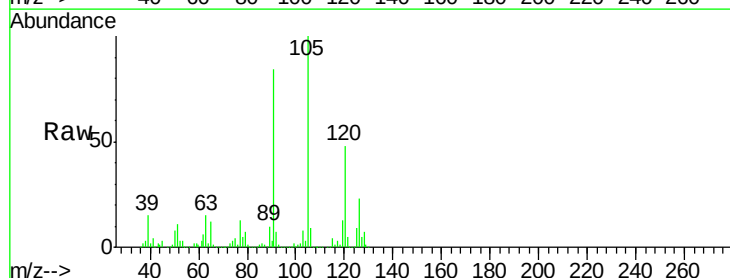
Delta R.T. -0.01 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

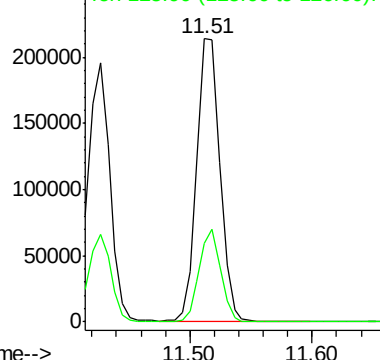
Tgt Ion: 91 Resp: 281581

Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.3	45.8

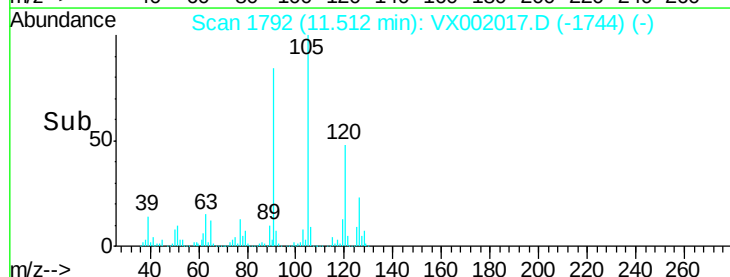


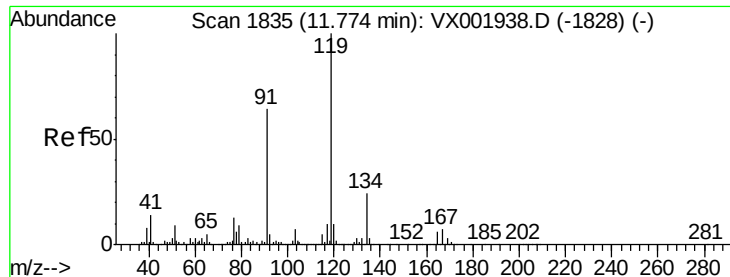
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time-->





#83

tert-Butylbenzene

Concen: 17.47 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

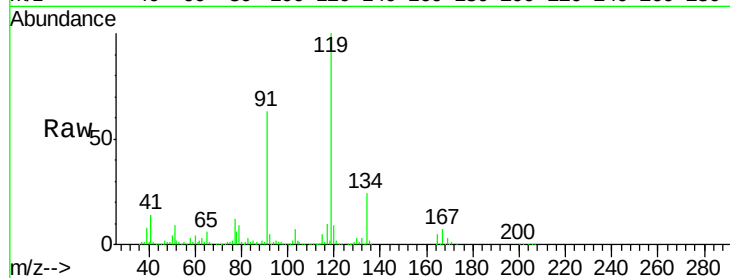
Tot Ion:119 Resp: 299192

Ion Ratio Lower Upper

119 100

91 61.0 30.6 91.8

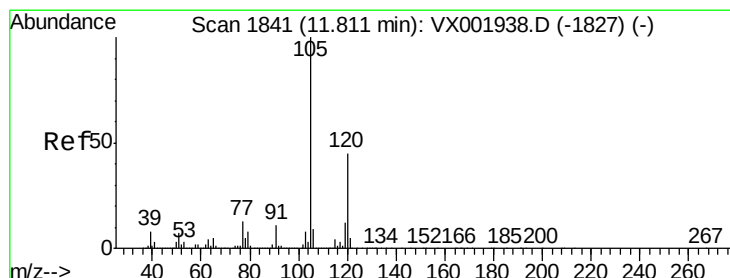
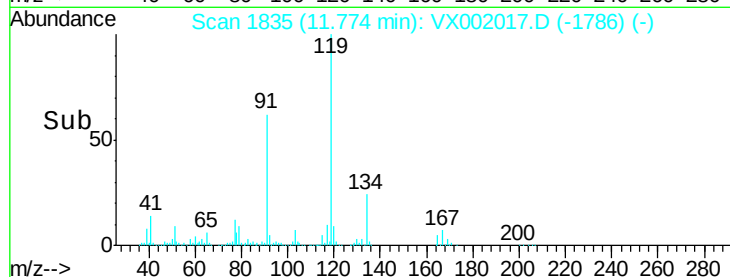
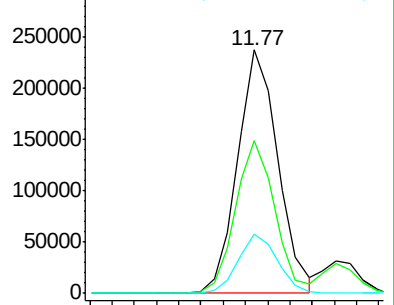
134 23.7 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 17.37 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002017.D

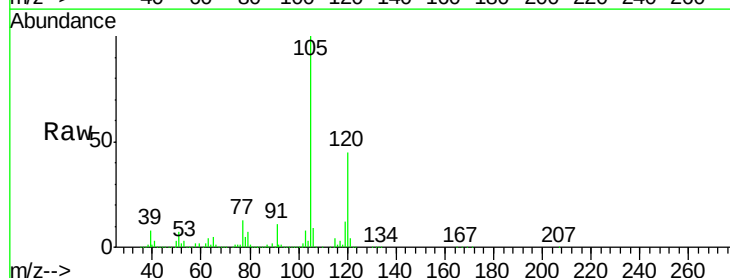
Acq: 26 May 2018 14:12

Tgt Ion:105 Resp: 313286

Ion Ratio Lower Upper

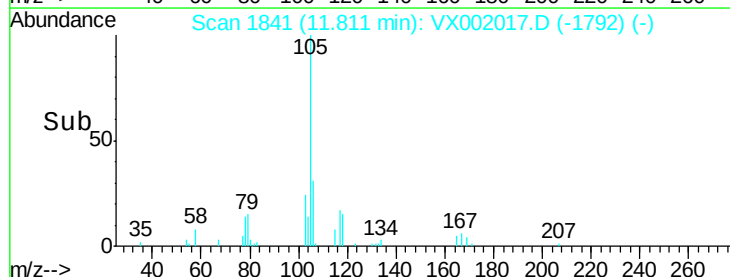
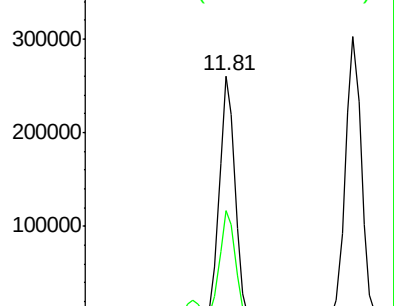
105 100

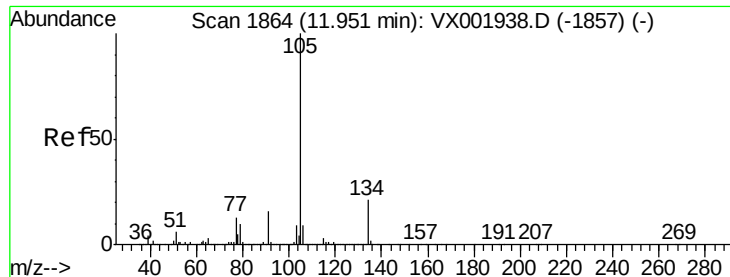
120 44.4 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 17.91 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

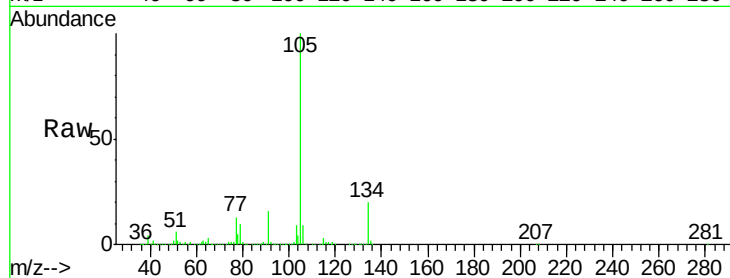
ClientSampleId :

Tot Ion:105 Resp: 368787

Ion Ratio Lower Upper

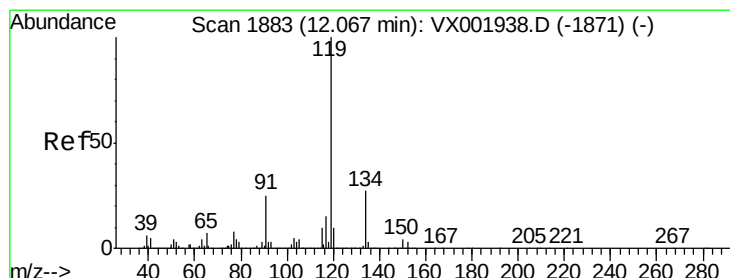
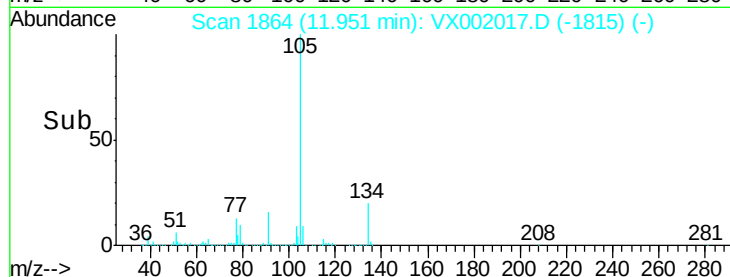
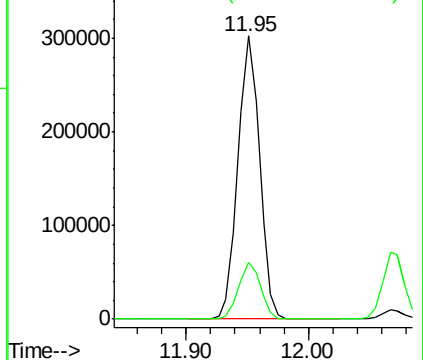
105 100

134 20.4 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.02 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

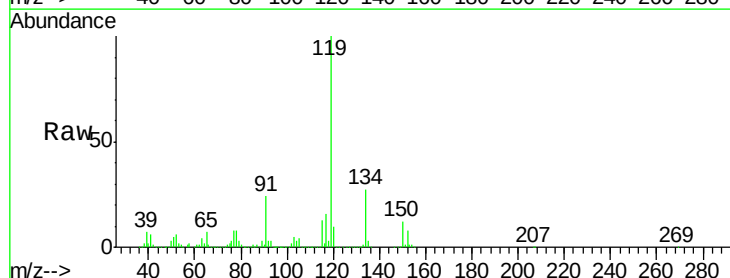
Tgt Ion:119 Resp: 331983

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

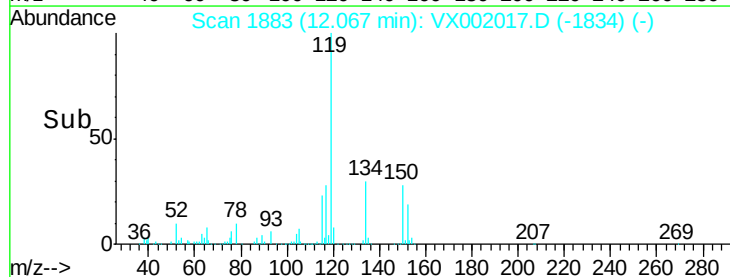
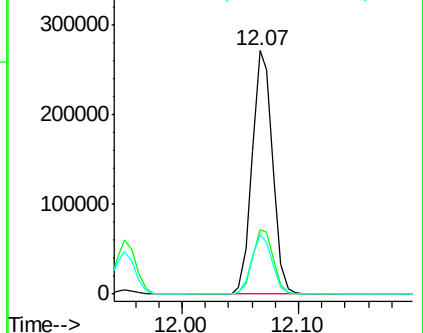
91 24.2 12.2 36.4

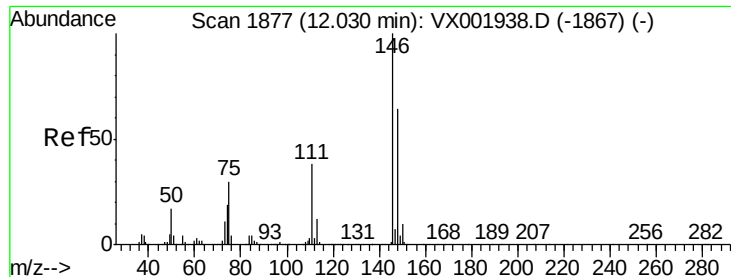


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

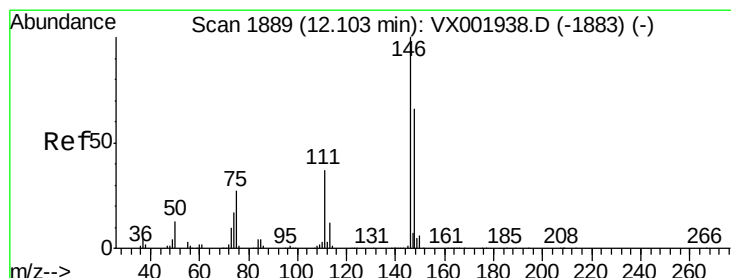
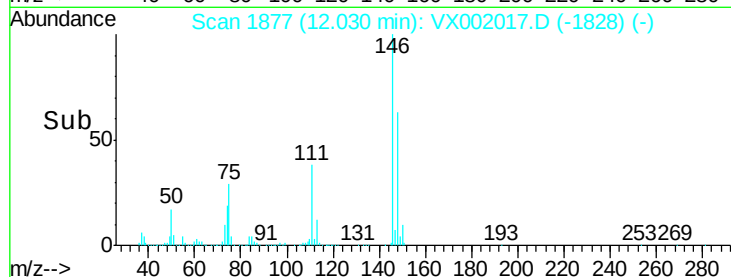
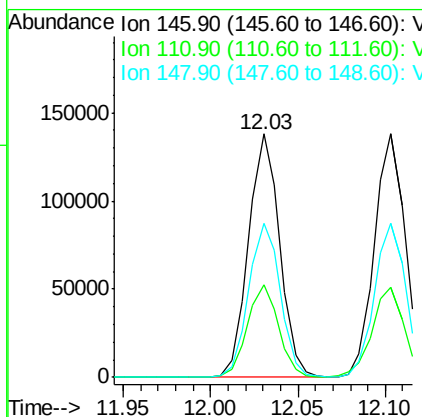
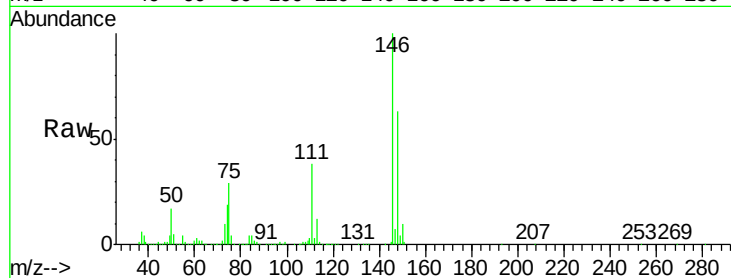




#87
 1,3-Dichlorobenzene
 Concen: 17.65 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

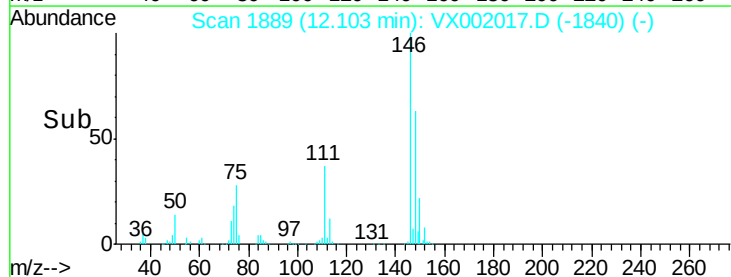
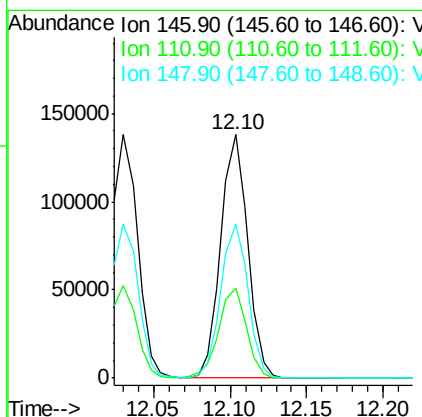
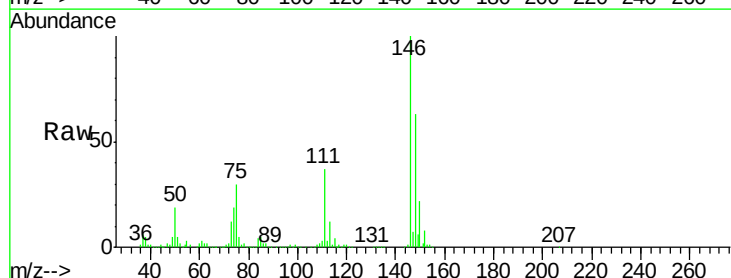
Instrument :
 MSVOA_X
 ClientSampled :

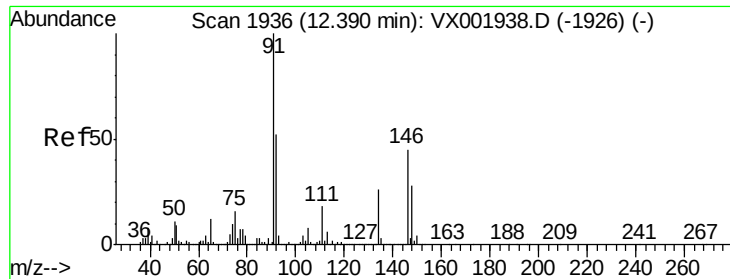
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.3	57.8
148	64.0	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 17.46 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.5
148	64.3	32.3	96.8





#89

n-Butylbenzene

Concen: 18.20 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

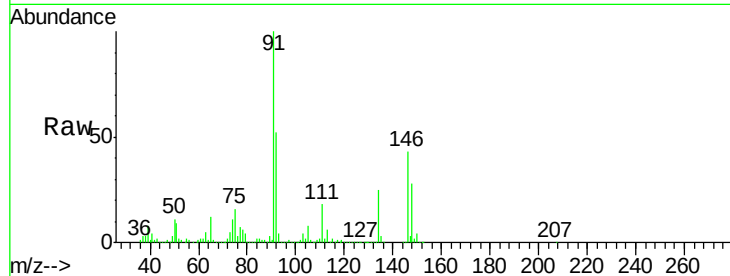
Tot Ion: 91 Resp: 284094

Ion Ratio Lower Upper

91 100

92 52.5 26.3 78.9

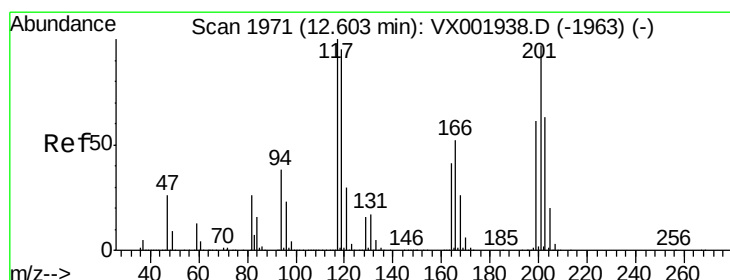
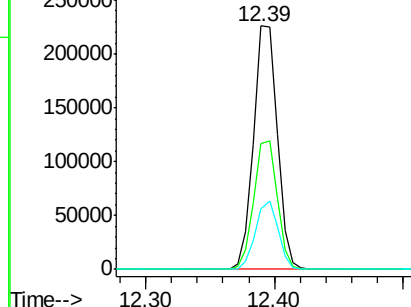
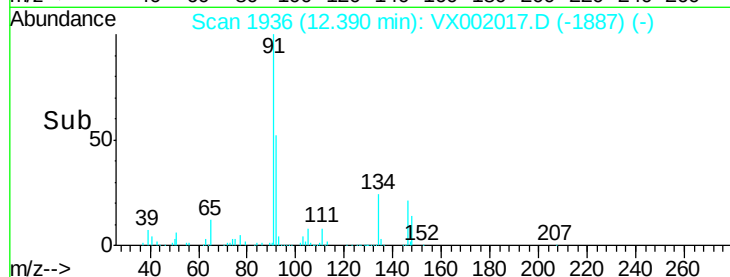
134 26.8 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX001938.D (-1926) (-)

Ion 92.00 (91.70 to 92.70): VX001938.D (-1926) (-)

Ion 134.00 (133.70 to 134.70): VX001938.D (-1926) (-)



#90

Hexachloroethane

Concen: 16.00 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002017.D

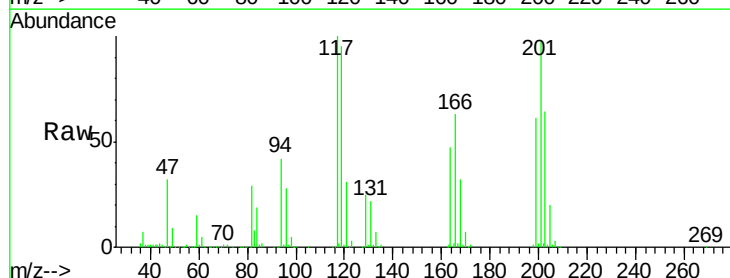
Acq: 26 May 2018 14:12

Tgt Ion: 117 Resp: 58169

Ion Ratio Lower Upper

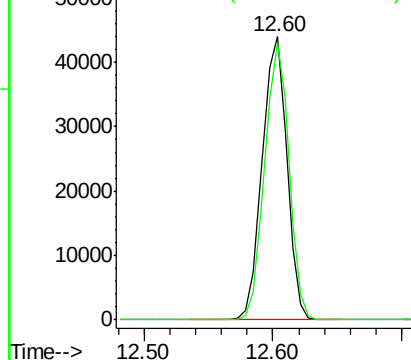
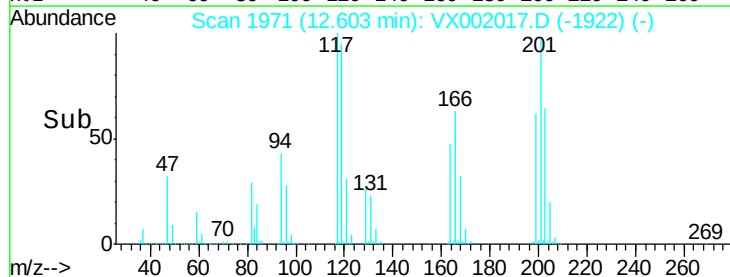
117 100

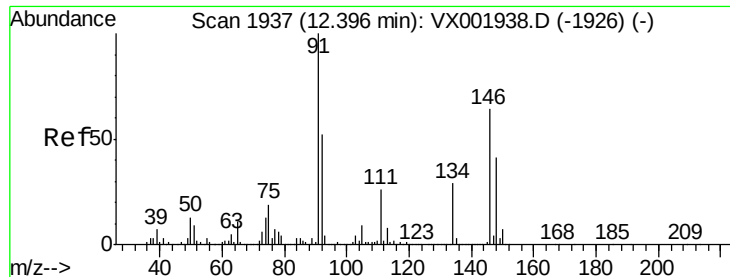
201 96.7 48.0 144.0



Abundance Ion 116.80 (116.50 to 117.50): VX001938.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX001938.D (-1963) (-)

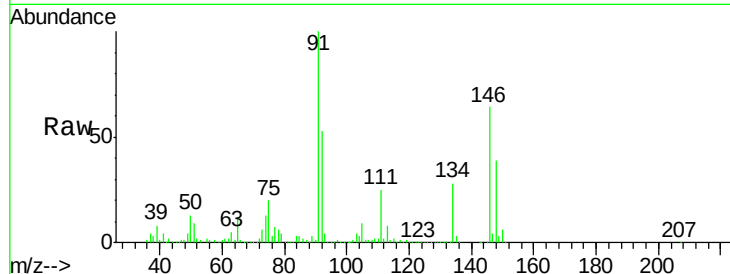




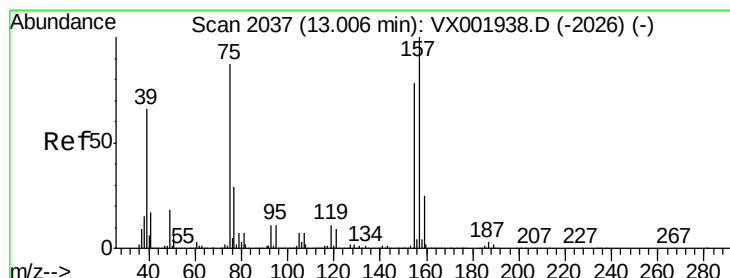
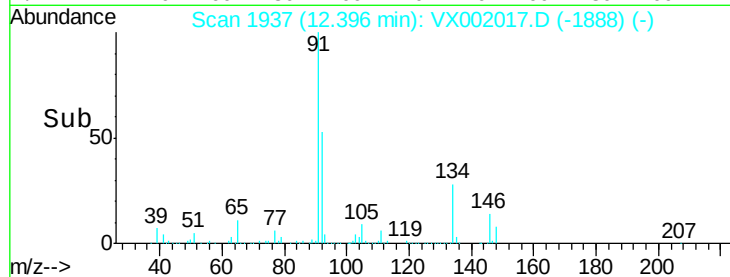
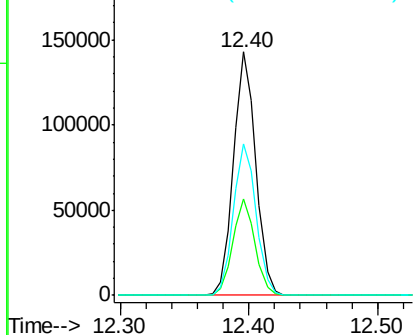
#91
 1,2-Dichlorobenzene
 Concen: 17.51 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.8	59.3
148	63.4	32.1	96.5

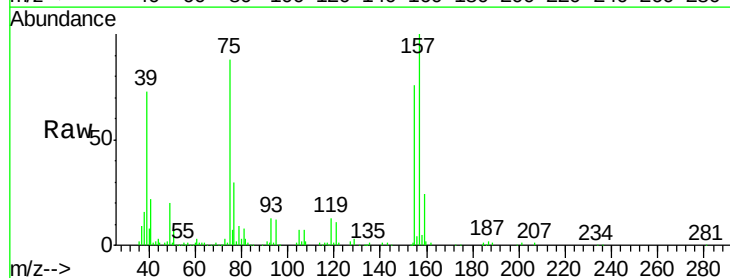


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

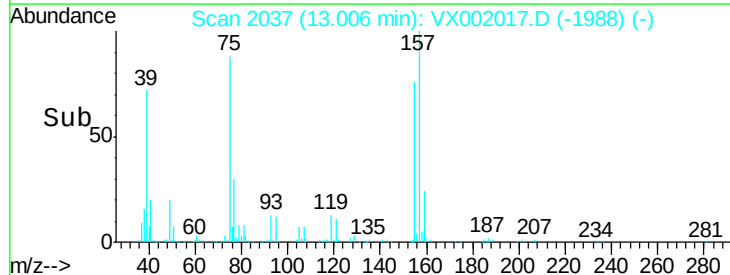
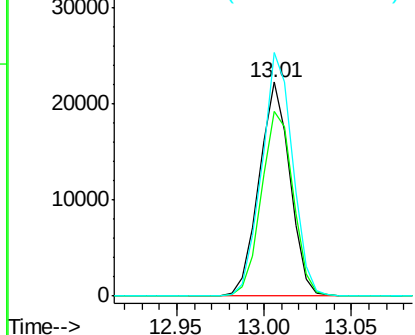


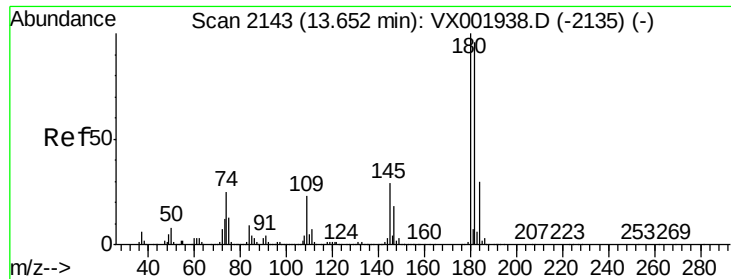
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.01 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.9	45.1	135.2
157	114.2	58.1	174.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

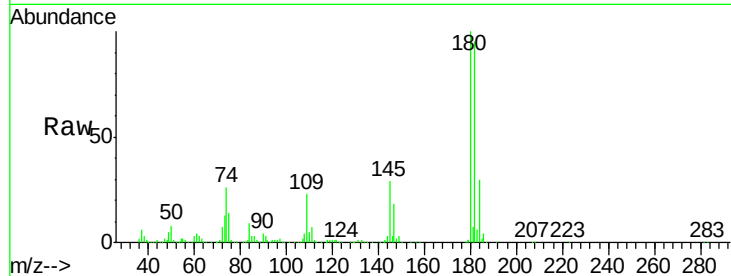




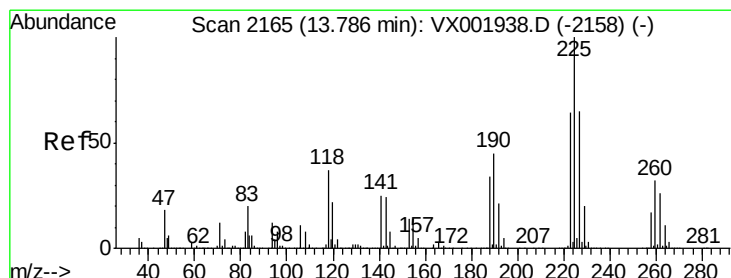
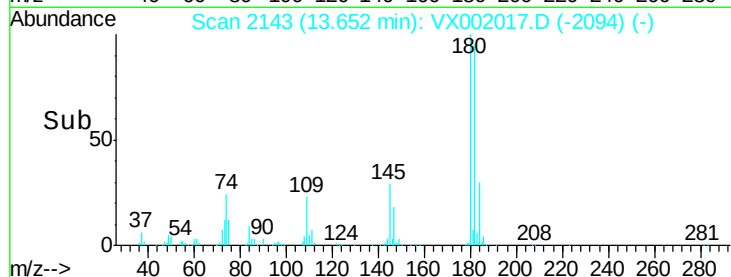
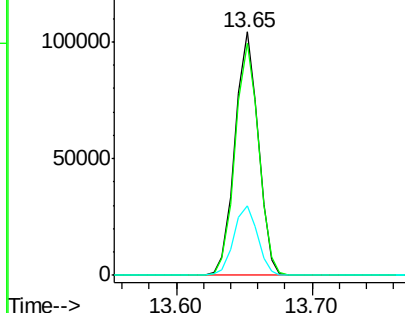
#93
 1,2,4-Trichlorobenzene
 Concen: 17.50 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 123773
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.7 143.1
 145 29.2 14.4 43.0

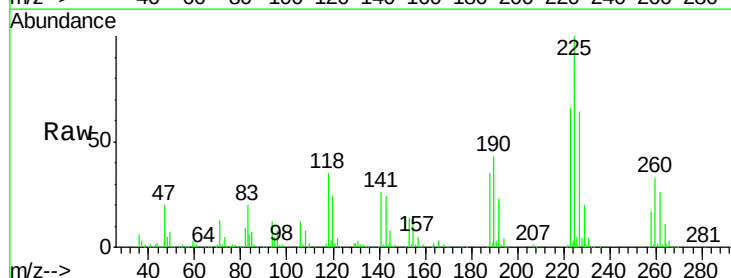


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

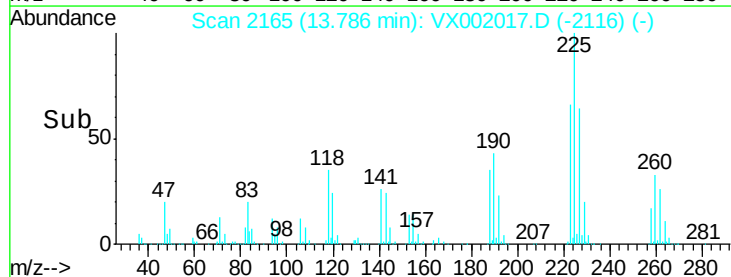
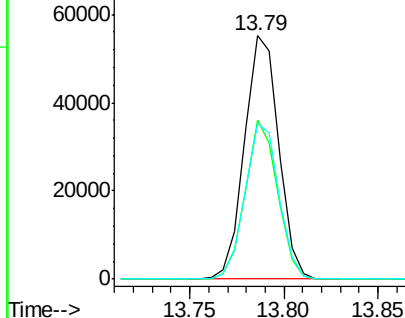


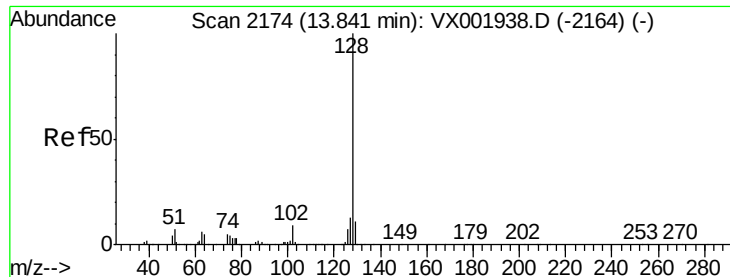
#94
 Hexachlorobutadiene
 Concen: 18.24 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

Tgt Ion:225 Resp: 69398
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.1 93.5
 227 63.1 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

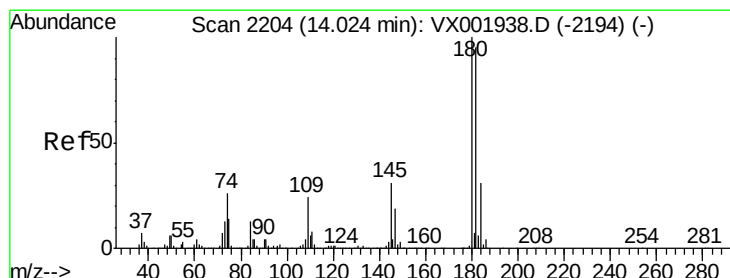
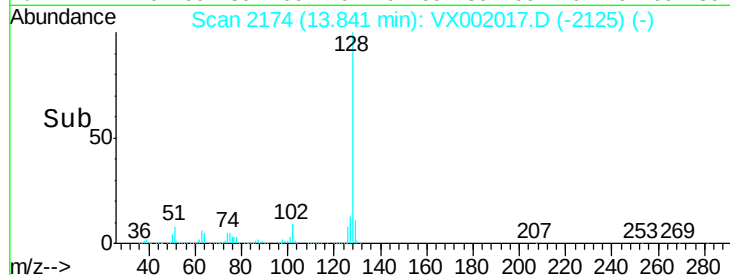
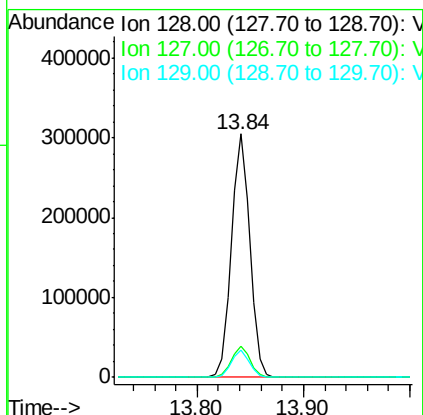
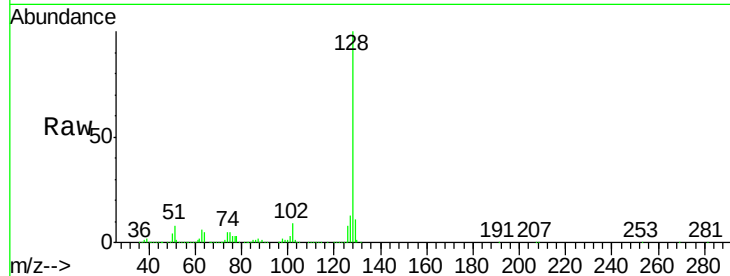




#95
Naphthalene
Concen: 17.02 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 370736
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 17.53 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion:180 Resp: 128244
Ion Ratio Lower Upper
180 100
182 95.4 47.9 143.6
145 30.1 15.1 45.3

