

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002200.D
 Acq On : 01 Jun 2018 04:41
 Operator : JC/MD
 Sample : VX0531WBS04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 01 05:09:36 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	181383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	263530	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	247320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	162701	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	154576	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
35) Dibromofluoromethane	5.51	113	111933	42.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.94%	
50) Toluene-d8	8.72	98	392153	41.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.20%	
62) 4-Bromofluorobenzene	11.14	95	155777	41.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	36062	14.44	ug/l	97
3) Chloromethane	1.32	50	51606	18.49	ug/l	97
4) Vinyl Chloride	1.40	62	51147	18.98	ug/l	99
5) Bromomethane	1.64	94	32930	26.09	ug/l	96
6) Chloroethane	1.73	64	34827	21.92	ug/l	99
7) Trichlorofluoromethane	1.93	101	84065	20.77	ug/l	98
8) Diethyl Ether	2.19	74	39023	26.58	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48623	21.53	ug/l	97
10) Methyl Iodide	2.51	142	56149	18.38	ug/l	97
11) Tert butyl alcohol	3.07	59	91367	143.56	ug/l	99
12) 1,1-Dichloroethene	2.38	96	43807	20.72	ug/l	97
13) Acrolein	2.29	56	21076	76.59	ug/l	97
14) Allyl chloride	2.73	41	97513	21.97	ug/l	97
15) Acrylonitrile	3.15	53	174223	133.12	ug/l	100
16) Acetone	2.45	43	161570	129.12	ug/l	99
17) Carbon Disulfide	2.57	76	96683	15.89	ug/l	98
18) Methyl Acetate	2.78	43	89038	29.06	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	205227	25.81	ug/l	100
20) Methylene Chloride	2.86	84	58874	26.39	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	49109	23.01	ug/l	96
22) Diisopropyl ether	3.87	45	189738	21.02	ug/l	97
23) Vinyl Acetate	3.82	43	883364	118.03	ug/l	98
24) 1,1-Dichloroethane	3.70	63	104075	24.27	ug/l	99
25) 2-Butanone	4.71	43	230752	100.62	ug/l	99
26) 2,2-Dichloropropane	4.59	77	52076	12.00	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	54127	19.63	ug/l	99
28) Bromochloromethane	5.03	49	50922	27.34	ug/l	100
29) Tetrahydrofuran	5.17	42	150834	101.09	ug/l	98
30) Chloroform	5.21	83	95559	19.78	ug/l	97
31) Cyclohexane	5.57	56	75901	16.99	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	75774	16.82	ug/l	98
36) 1,1-Dichloropropene	5.81	75	62317	17.00	ug/l	98
37) Ethyl Acetate	4.86	43	91671	19.18	ug/l	98
38) Carbon Tetrachloride	5.79	117	63550	14.87	ug/l	96

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 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	76218	16.92	ug/l	96
40) Benzene	6.15	78	205067	19.10	ug/l	99
41) Methacrylonitrile	5.07	41	53360	20.35	ug/l	98
42) 1,2-Dichloroethane	6.20	62	89481	20.86	ug/l	99
43) Isopropyl Acetate	6.46	43	153723	19.31	ug/l	99
44) Trichloroethene	7.21	130	56990	18.21	ug/l	99
45) 1,2-Dichloropropane	7.52	63	57035	19.56	ug/l	97
46) Dibromomethane	7.67	93	39535	20.47	ug/l	99
47) Bromodichloromethane	7.90	83	68005	16.52	ug/l	96
48) Methyl methacrylate	7.78	41	77529	19.13	ug/l	97
49) 1,4-Dioxane	7.76	88	30830	431.70	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	496249	103.38	ug/l	99
52) Toluene	8.79	92	128979	18.87	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	78618	16.58	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	72649	15.72	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	59129	20.71	ug/l	99
56) Ethyl methacrylate	9.18	69	91687	18.67	ug/l	98
57) 1,3-Dichloropropane	9.37	76	98251	20.89	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	52129	23.95	ug/l	100
59) 2-Hexanone	9.50	43	370004	99.97	ug/l	100
60) Dibromochloromethane	9.59	129	53808	15.91	ug/l	100
61) 1,2-Dibromoethane	9.68	107	60405	20.16	ug/l	100
64) Tetrachloroethene	9.34	164	64471	18.18	ug/l	97
65) Chlorobenzene	10.14	112	149025	19.02	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	53783	17.00	ug/l	99
67) Ethyl Benzene	10.26	91	249732	18.34	ug/l	100
68) m/p-Xylenes	10.36	106	190505	36.61	ug/l	100
69) o-Xylene	10.70	106	96865	18.64	ug/l	99
70) Styrene	10.71	104	158093	18.35	ug/l	99
71) Bromoform	10.86	173	40357	13.45	ug/l #	99
73) Isopropylbenzene	11.02	105	253960	18.43	ug/l	100
74) N-amyl acetate	6.46	43	153723	19.59	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	11.27	83	84334	21.66	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	98834	25.29	ug/l	80
77) Bromobenzene	11.26	156	70852	19.38	ug/l	97
78) n-propylbenzene	11.37	91	285034	18.47	ug/l	99
79) 2-Chlorotoluene	11.43	91	173574	19.08	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	216493	18.39	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19401	11.93	ug/l #	78
82) 4-Chlorotoluene	11.51	91	201585	18.52	ug/l	100
83) tert-Butylbenzene	11.77	119	208315	18.03	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	225415	18.53	ug/l	99
85) sec-Butylbenzene	11.95	105	252957	18.21	ug/l	99
86) p-Isopropyltoluene	12.07	119	227881	18.34	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	123537	18.87	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	126977	19.40	ug/l	99
89) n-Butylbenzene	12.39	91	189399	17.98	ug/l	99
90) Hexachloroethane	12.60	117	31014	12.65	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	130738	19.60	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17888	14.60	ug/l	99

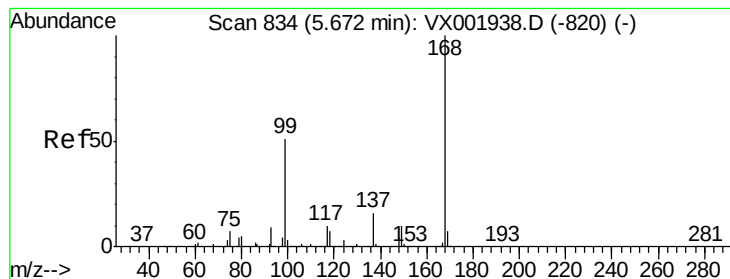
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	92810	19.46	ug/l	98
94) Hexachlorobutadiene	13.79	225	45326	17.67	ug/l	98
95) Naphthalene	13.84	128	292052	19.87	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	98333	19.92	ug/l	99

(#) = 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: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

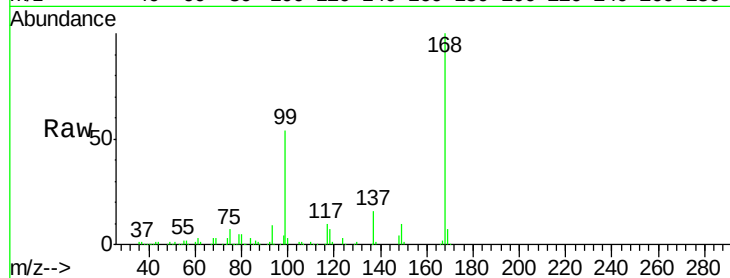
ClientSampleId :

Tot Ion:168 Resp: 181383

Ion Ratio Lower Upper

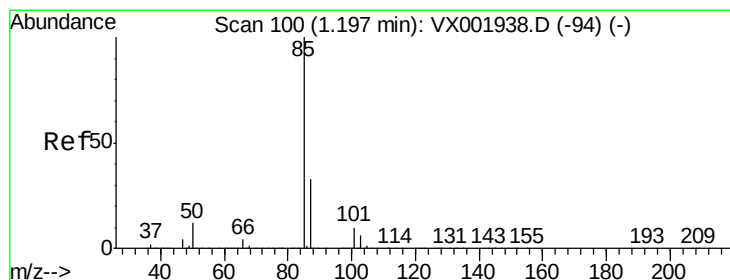
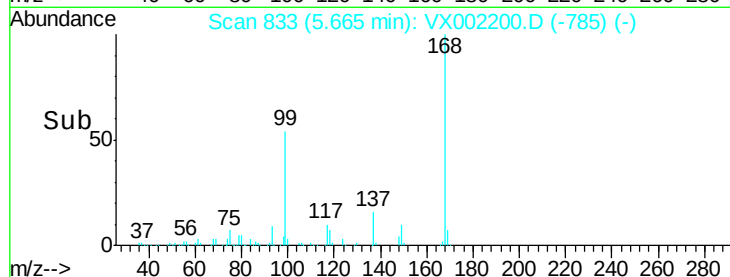
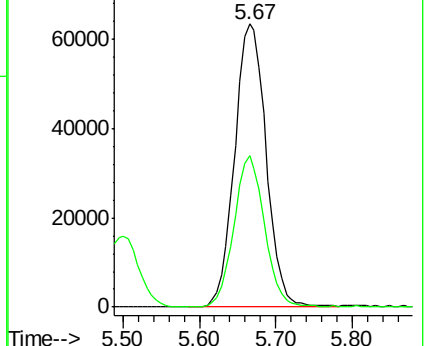
168 100

99 53.4 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 14.44 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002200.D

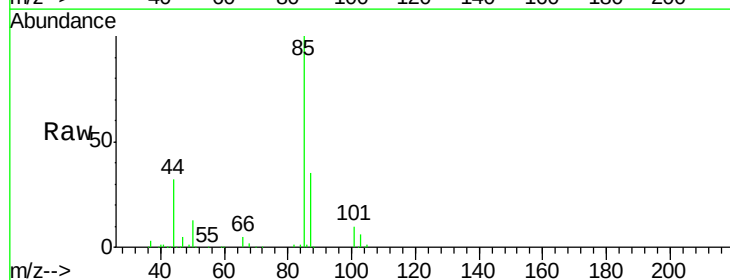
Acq: 01 Jun 2018 04:41

Tgt Ion: 85 Resp: 36062

Ion Ratio Lower Upper

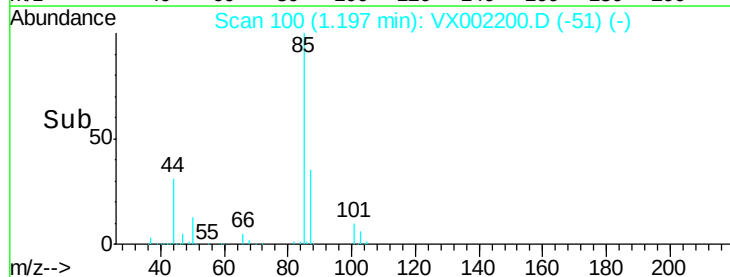
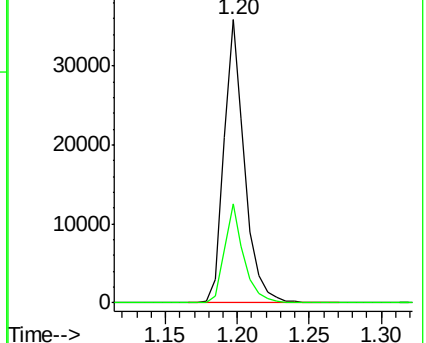
85 100

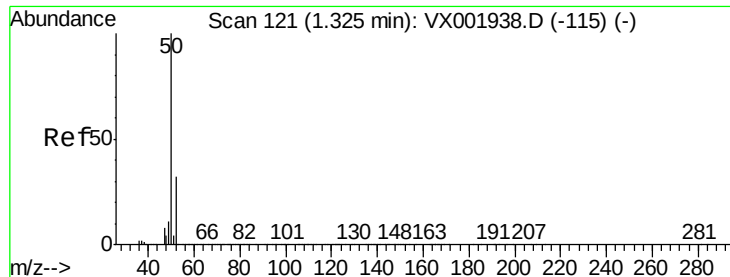
87 34.9 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.49 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

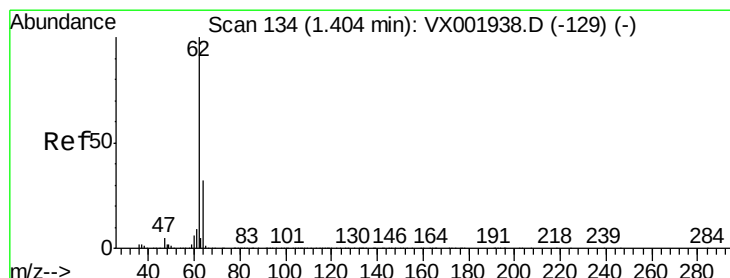
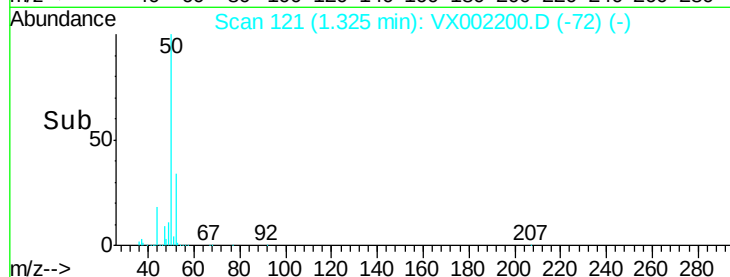
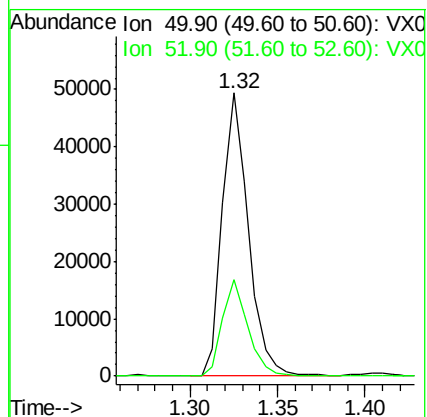
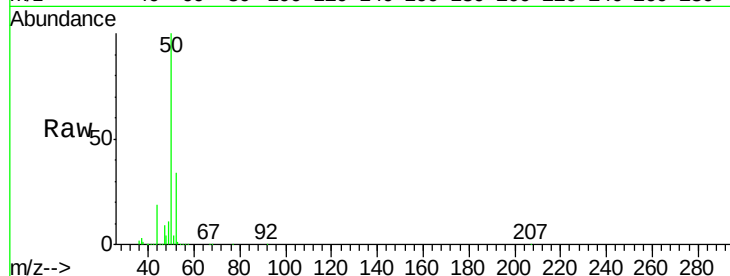
ClientSampled :

Tot Ion: 50 Resp: 51606

Ion Ratio Lower Upper

50 100

52 34.1 26.0 39.0



#4

Vinyl Chloride

Concen: 18.98 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002200.D

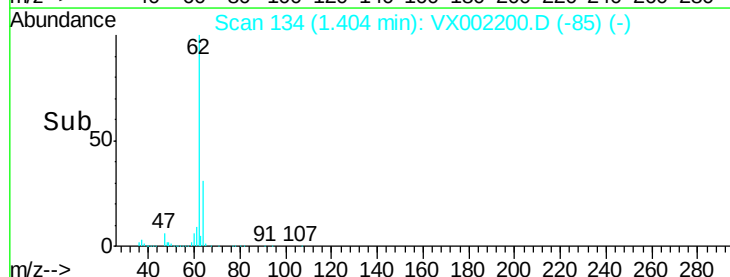
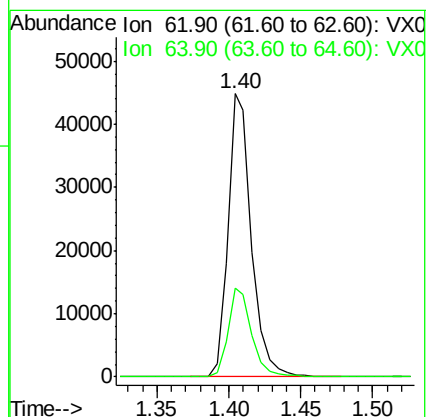
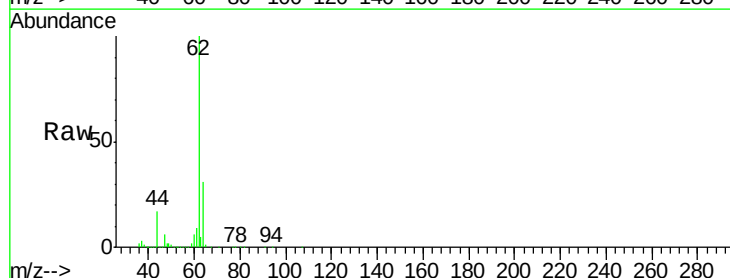
Acq: 01 Jun 2018 04:41

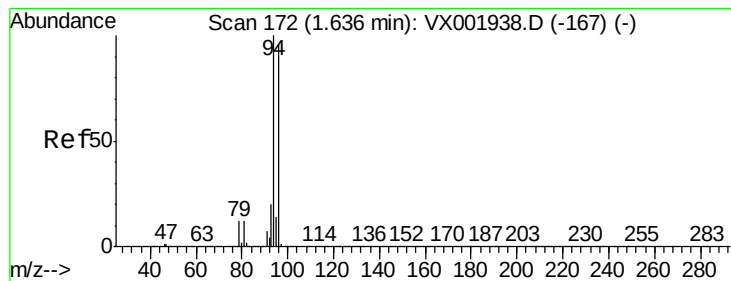
Tgt Ion: 62 Resp: 51147

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.0





#5

Bromomethane

Concen: 26.09 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

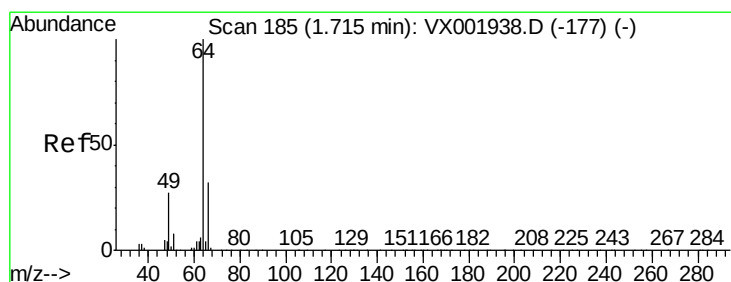
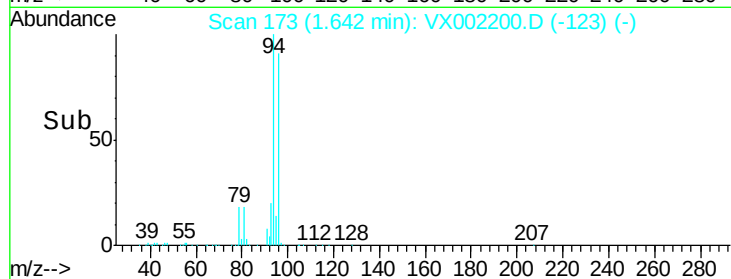
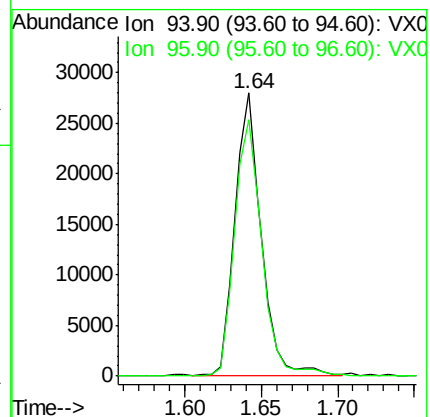
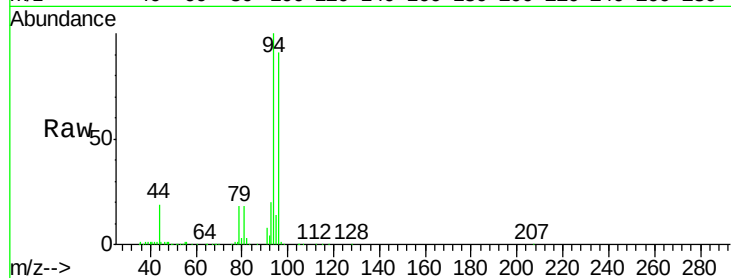
ClientSampleId :

Tot Ion: 94 Resp: 32930

Ion Ratio Lower Upper

94 100

96 91.1 75.9 113.9



#6

Chloroethane

Concen: 21.92 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002200.D

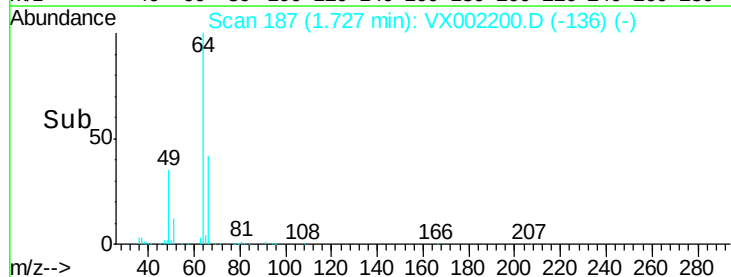
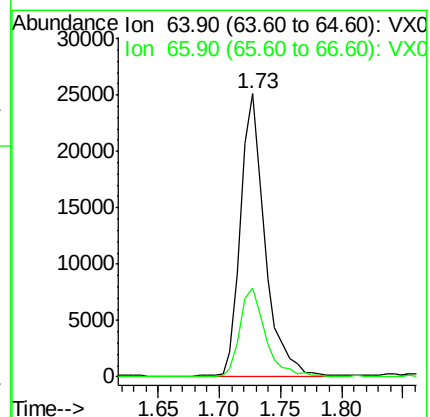
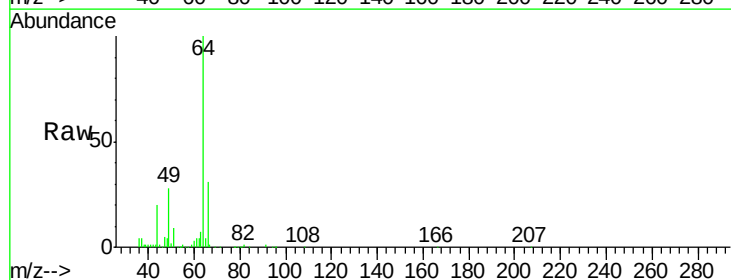
Acq: 01 Jun 2018 04:41

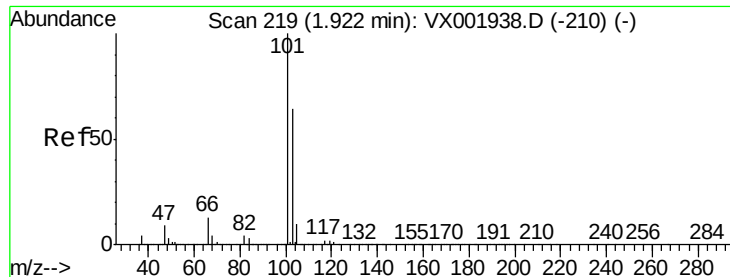
Tgt Ion: 64 Resp: 34827

Ion Ratio Lower Upper

64 100

66 31.3 25.6 38.4



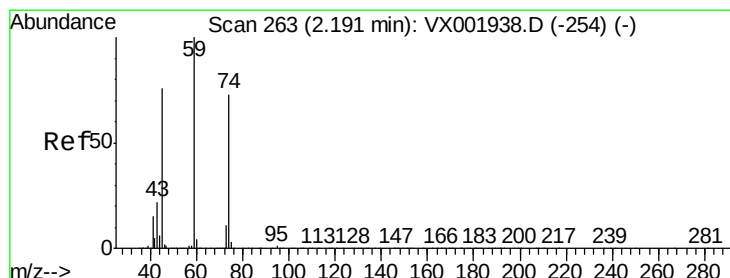
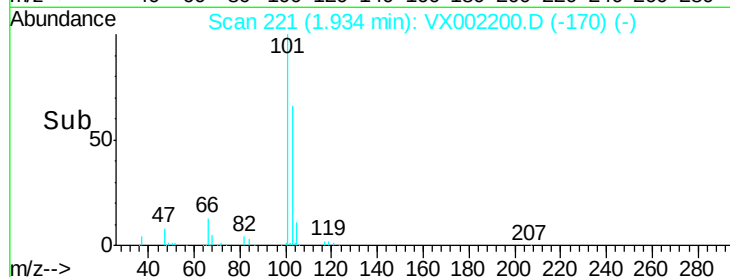
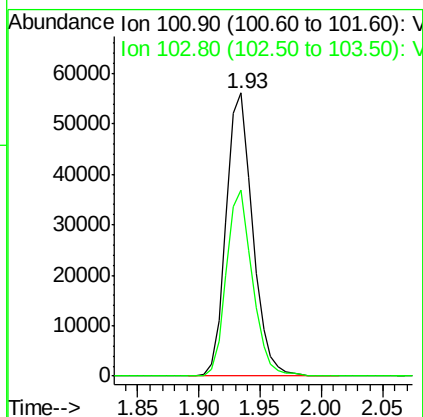
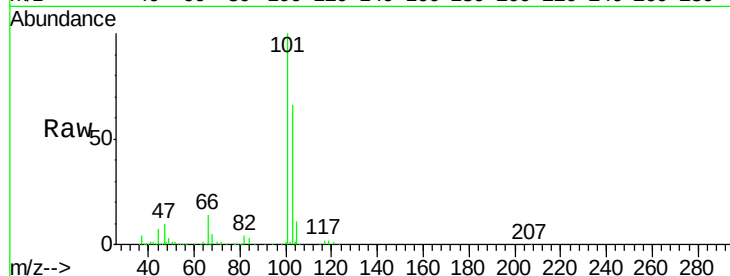


#7

Trichlorofluoromethane
Concen: 20.77 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :

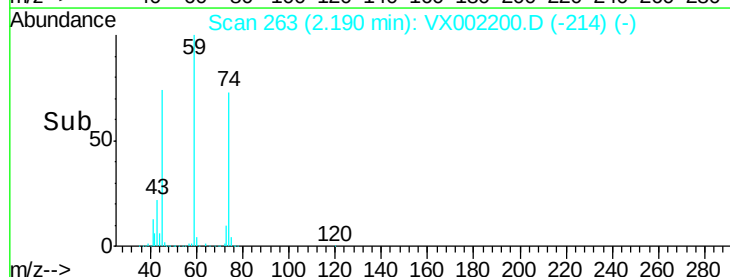
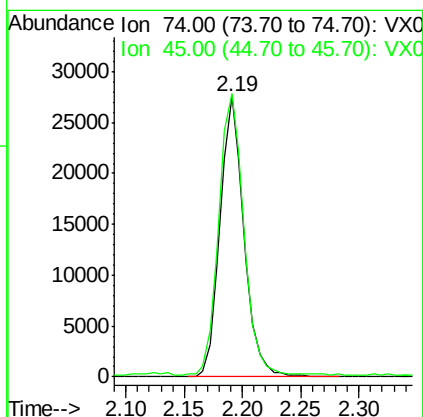
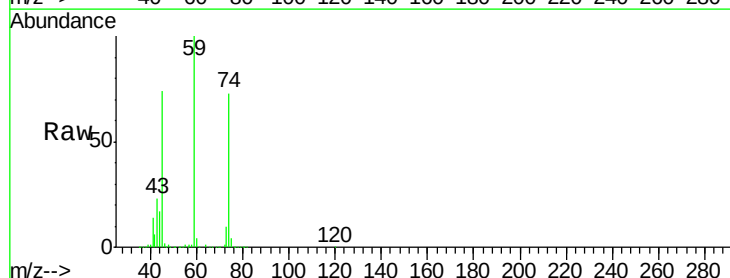
Tot Ion:101 Resp: 84065
Ion Ratio Lower Upper
101 100
103 65.7 51.4 77.0

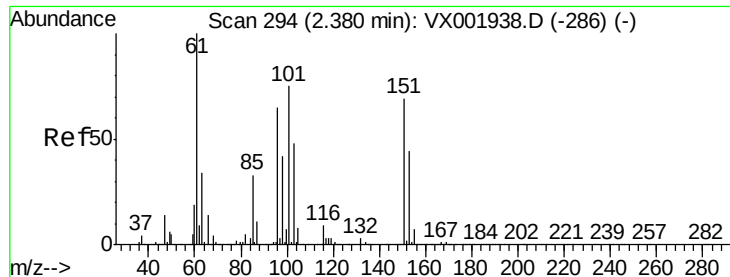


#8

Diethyl Ether
Concen: 26.58 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion: 74 Resp: 39023
Ion Ratio Lower Upper
74 100
45 103.9 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.53 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

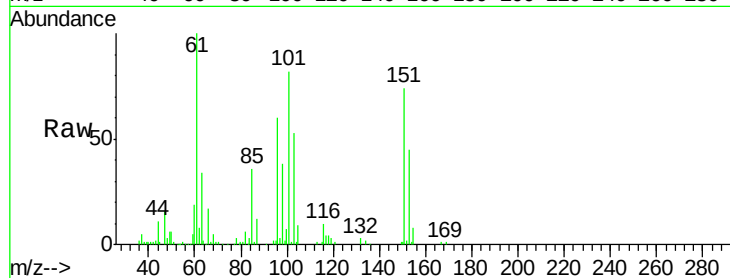
Tot Ion:101 Resp: 48623

Ion Ratio Lower Upper

101 100

85 45.5 35.6 53.4

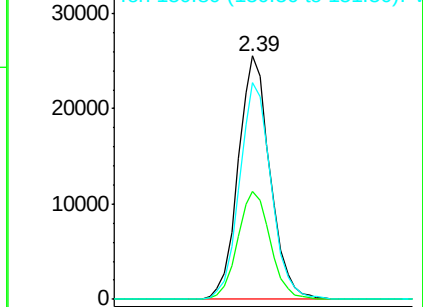
151 88.7 73.2 109.8



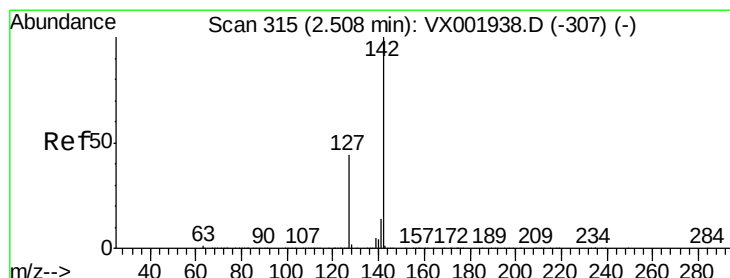
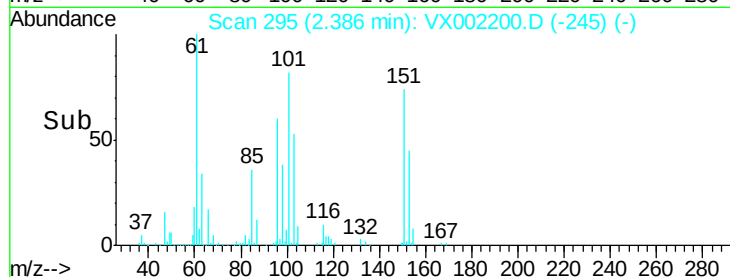
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



Time-->



#10

Methyl Iodide

Concen: 18.38 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

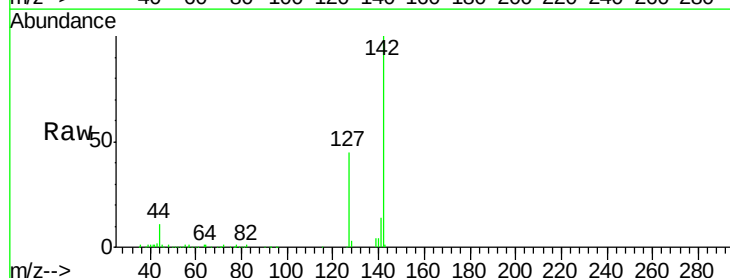
Tgt Ion:142 Resp: 56149

Ion Ratio Lower Upper

142 100

127 46.6 35.5 53.3

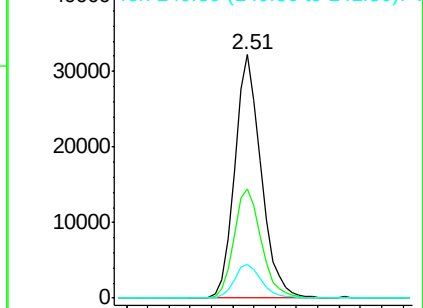
141 14.3 11.3 16.9



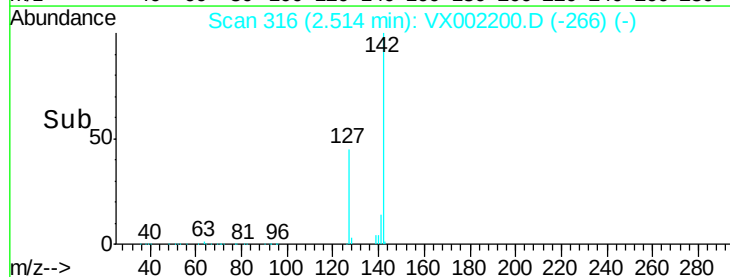
Abundance Ion 141.80 (141.50 to 142.50): V

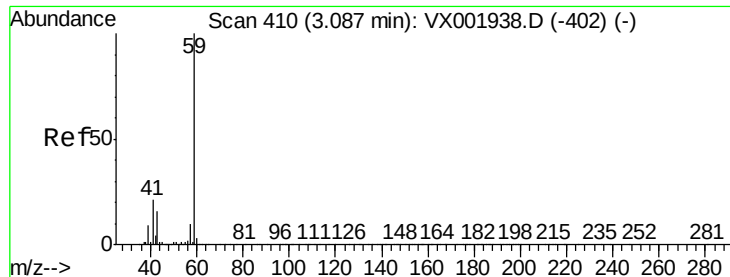
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->



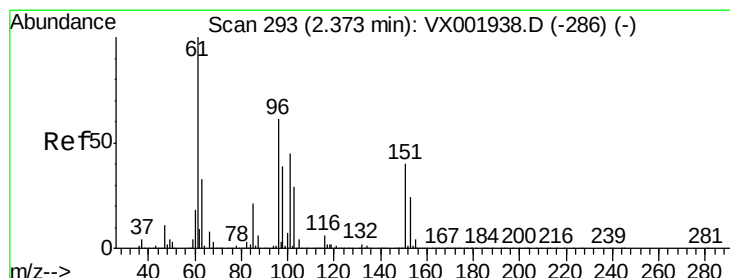
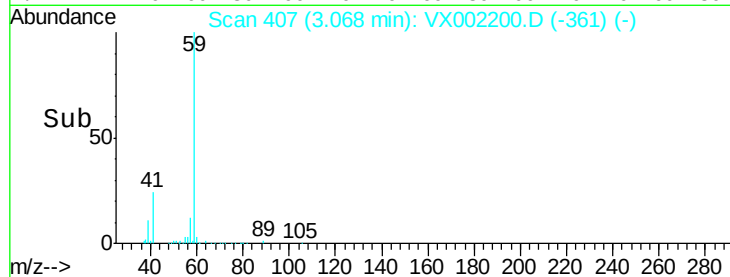
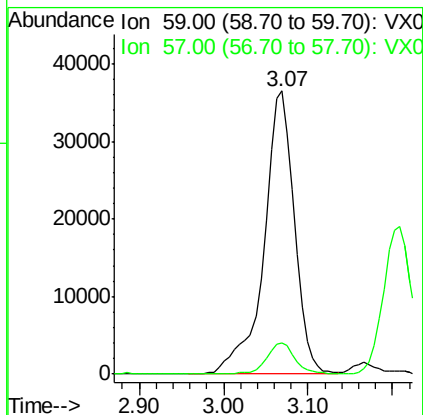
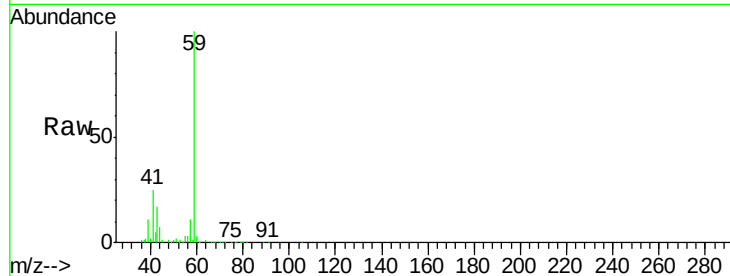


#11

Tert butyl alcohol
Concen: 143.56 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Instrument :
MSVOA_X
ClientSampled :

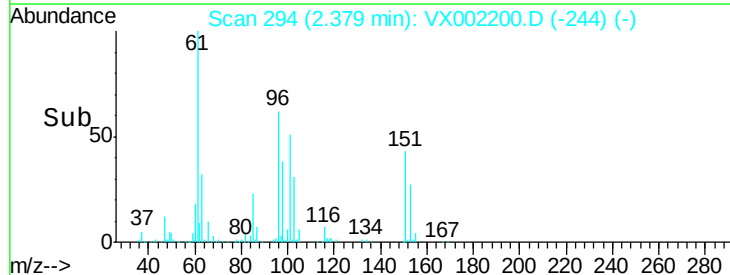
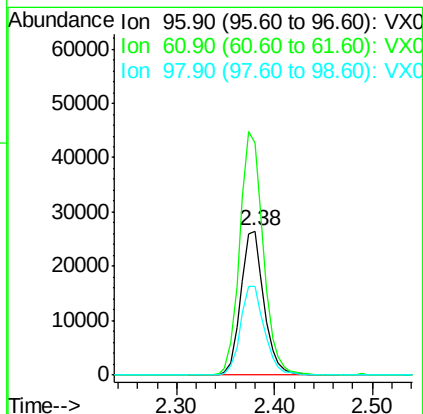
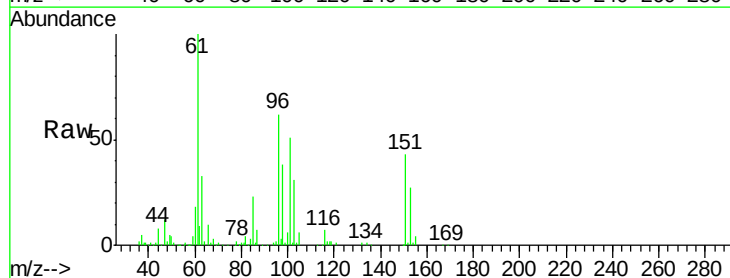
Tot Ion: 59 Resp: 91367
Ion Ratio Lower Upper
59 100
57 10.6 8.9 13.3

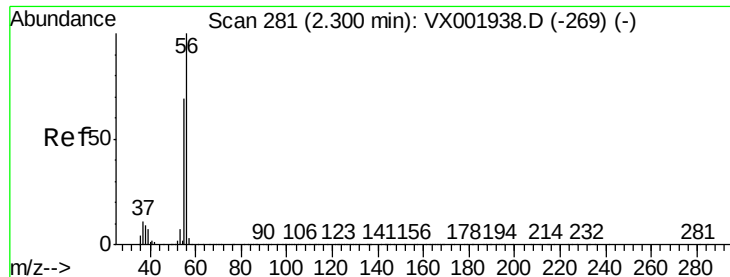


#12

1,1-Dichloroethene
Concen: 20.72 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion: 96 Resp: 43807
Ion Ratio Lower Upper
96 100
61 160.9 131.7 197.5
98 61.3 51.6 77.4





#13

Acrolein

Concen: 76.59 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

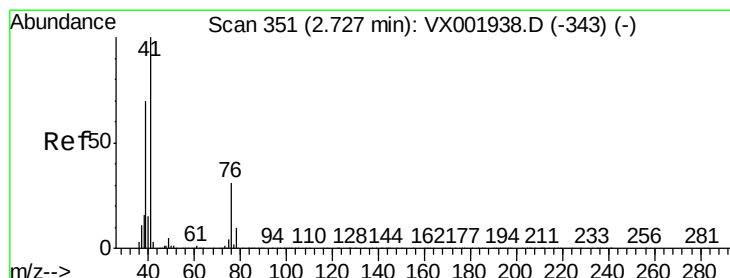
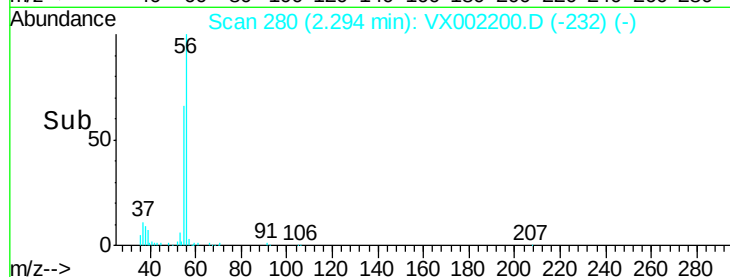
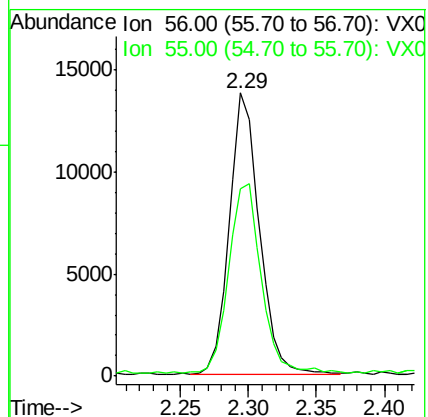
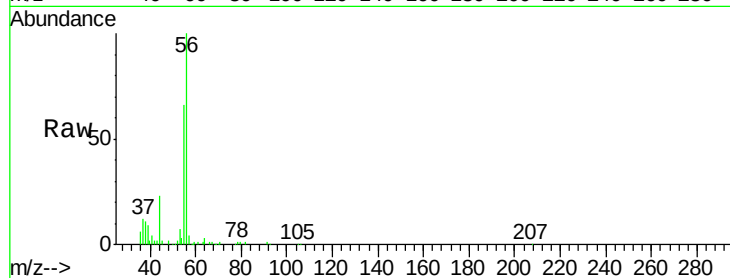
ClientSampleId :

Tot Ion: 56 Resp: 21076

Ion Ratio Lower Upper

56 100

55 73.3 56.8 85.2



#14

Allyl chloride

Concen: 21.97 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

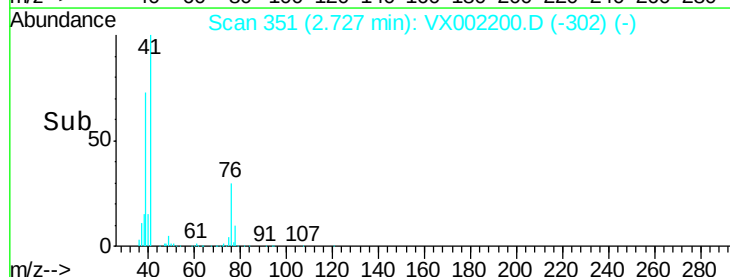
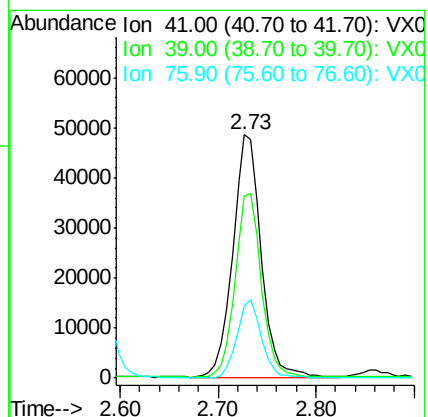
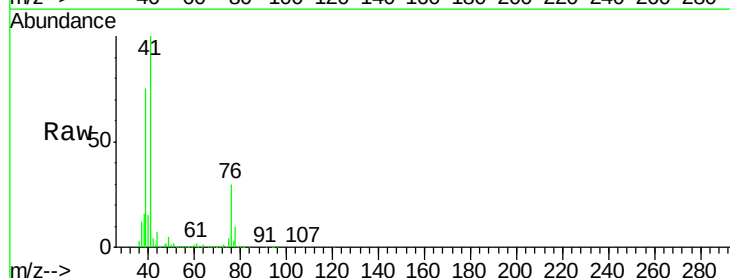
Tgt Ion: 41 Resp: 97513

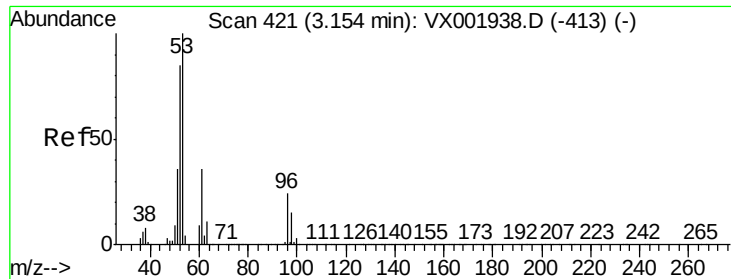
Ion Ratio Lower Upper

41 100

39 70.0 54.3 81.5

76 28.4 24.2 36.4

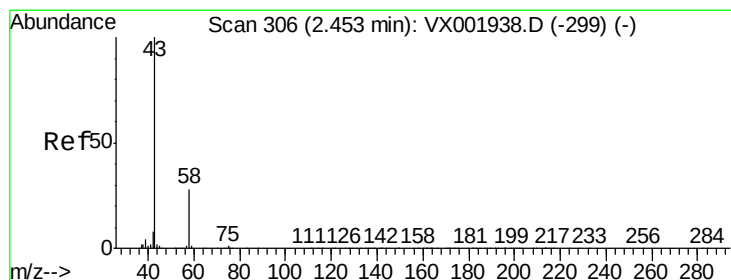
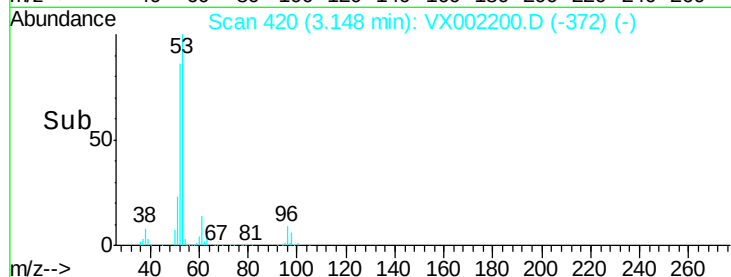
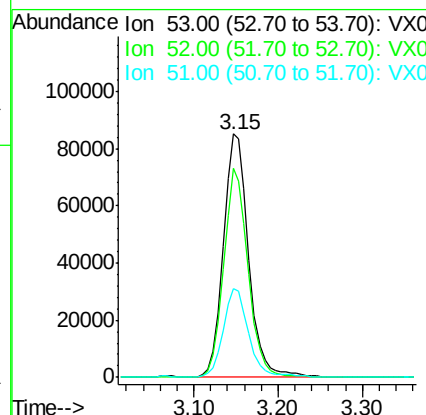
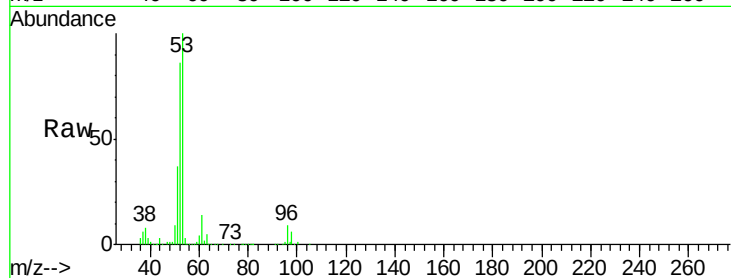




#15
 Acrylonitrile
 Concen: 133.12 ug/l
 RT: 3.15 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: VX002200.D
 Acq: 01 Jun 2018 04:41

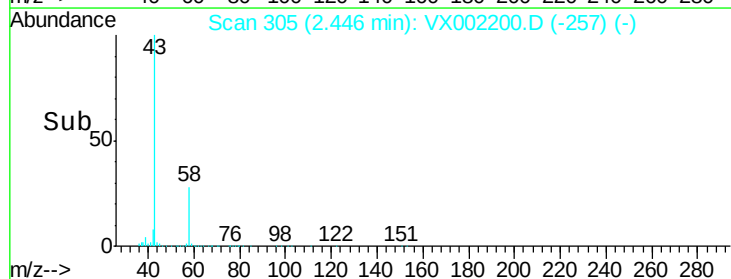
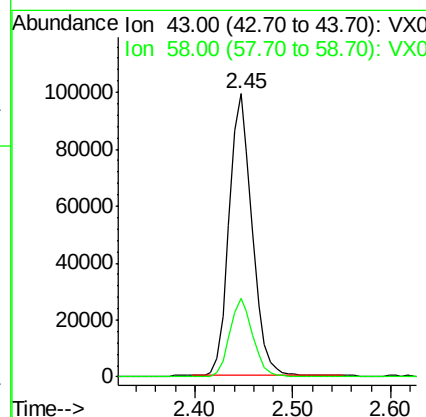
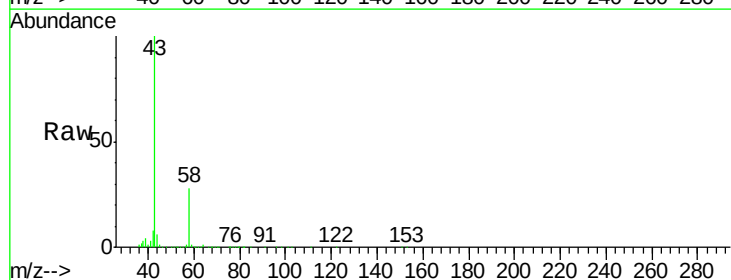
Instrument :
 MSVOA_X
 ClientSampled :

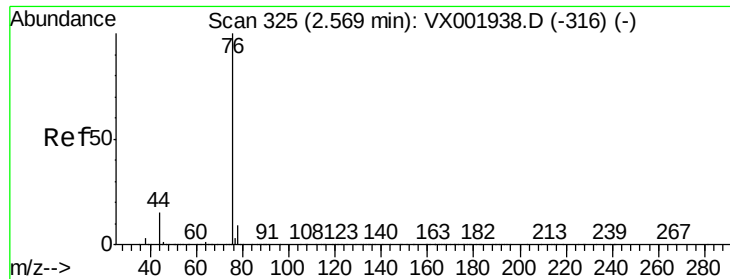
Tot Ion: 53 Resp: 174223
 Ion Ratio Lower Upper
 53 100
 52 83.3 66.4 99.6
 51 36.9 29.3 43.9



#16
 Acetone
 Concen: 129.12 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.01 min
 Lab File: VX002200.D
 Acq: 01 Jun 2018 04:41

Tgt Ion: 43 Resp: 161570
 Ion Ratio Lower Upper
 43 100
 58 27.6 22.3 33.5

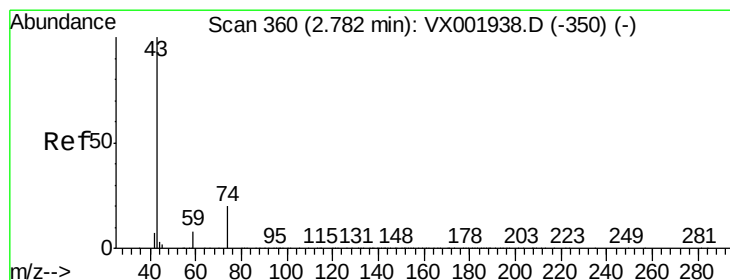
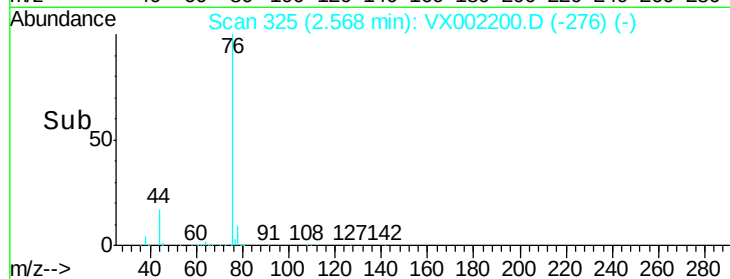
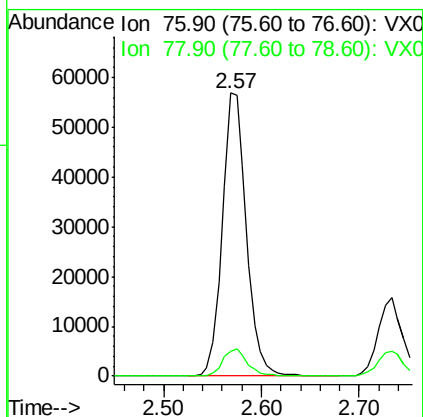
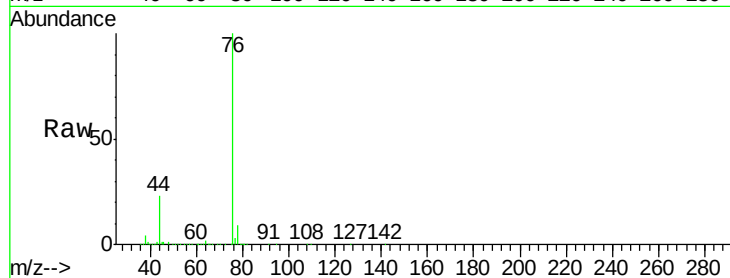




#17
Carbon Disulfide
Concen: 15.89 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

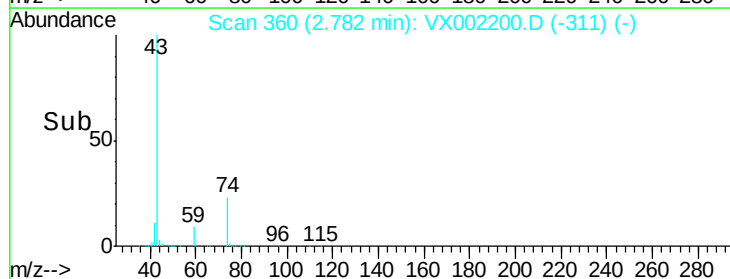
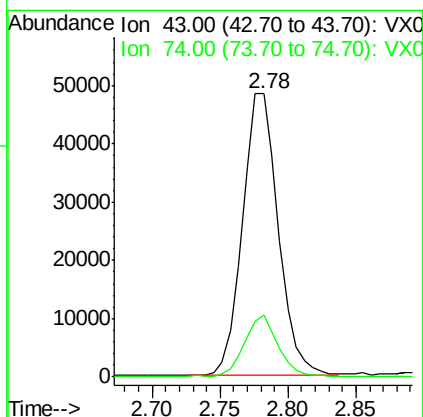
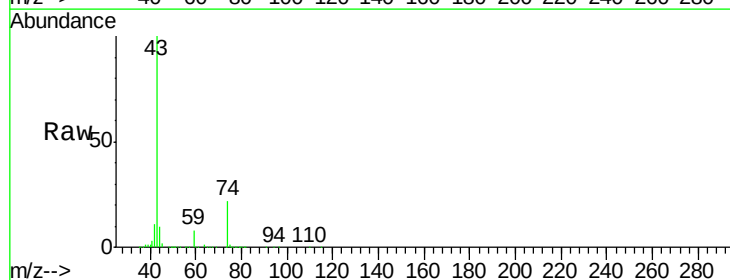
Instrument :
MSVOA_X
ClientSampleId :

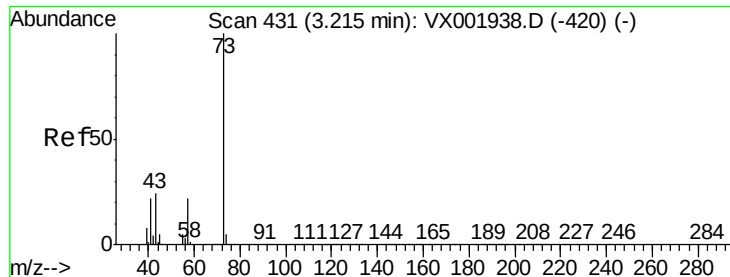
Tot Ion: 76 Resp: 96683
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2



#18
Methyl Acetate
Concen: 29.06 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion: 43 Resp: 89038
Ion Ratio Lower Upper
43 100
74 21.1 16.8 25.2

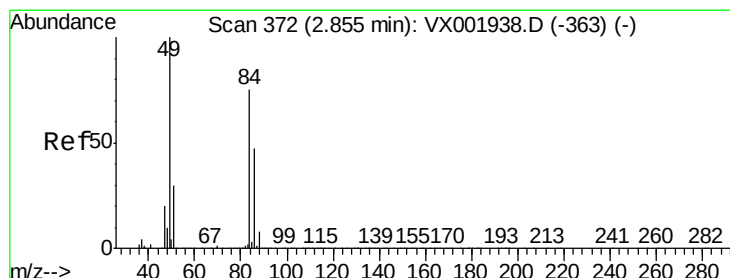
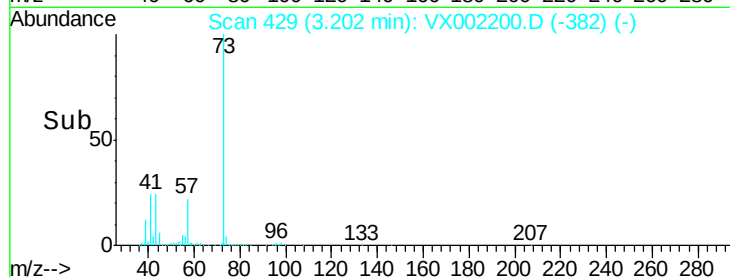
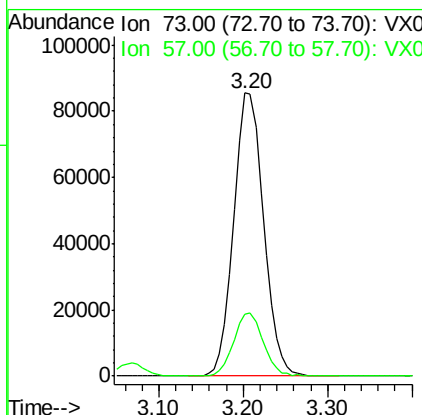
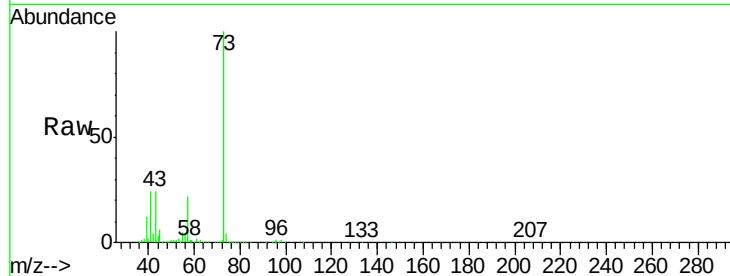




#19
Methyl tert-butyl Ether
Concen: 25.81 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

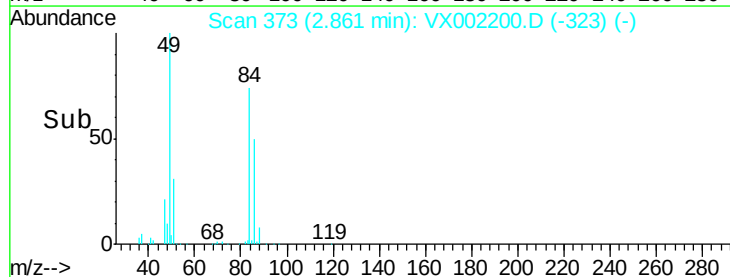
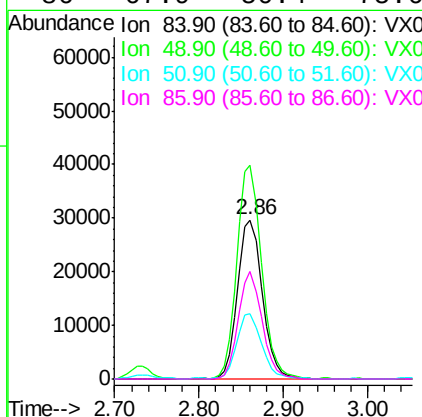
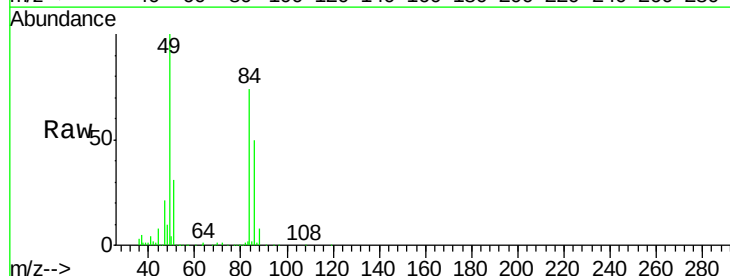
Instrument :
MSVOA_X
ClientSampleId :

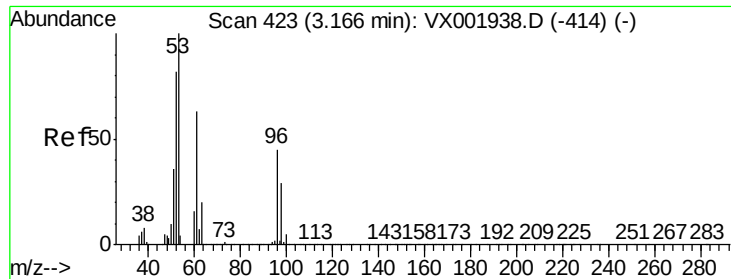
Tot Ion: 73 Resp: 205227
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.0



#20
Methylene Chloride
Concen: 26.39 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion: 84 Resp: 58874
Ion Ratio Lower Upper
84 100
49 134.6 107.2 160.8
51 41.2 32.4 48.6
86 67.9 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 23.01 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

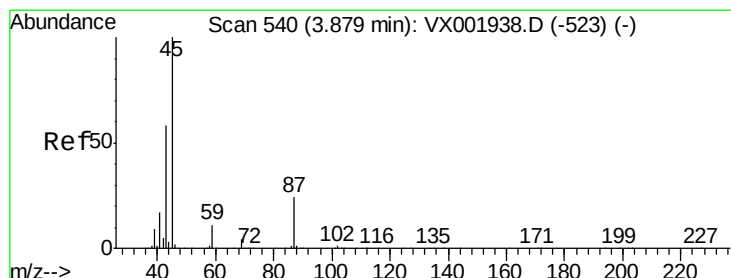
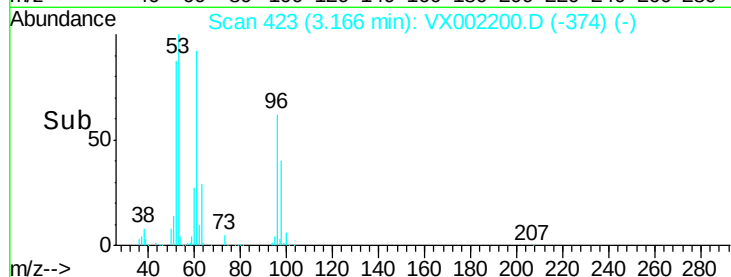
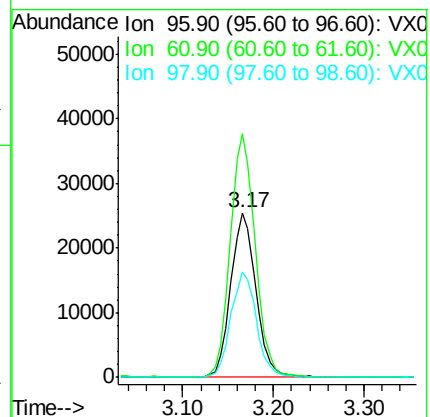
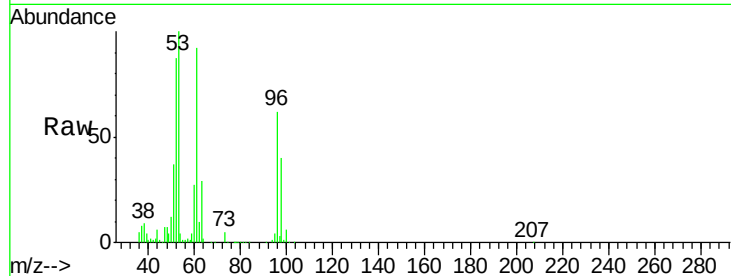
Tot Ion: 96 Resp: 49109

Ion Ratio Lower Upper

96 100

61 147.6 113.3 169.9

98 64.0 51.7 77.5



#22

Diisopropyl ether

Concen: 21.02 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Tgt Ion: 45 Resp: 189738

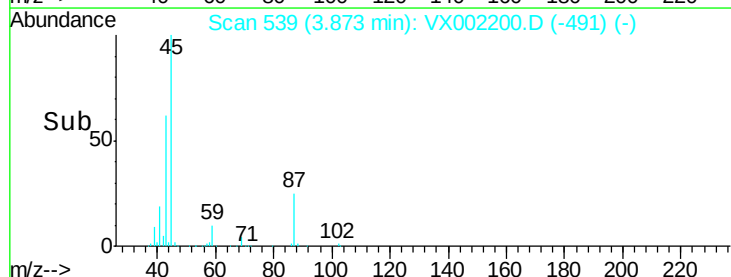
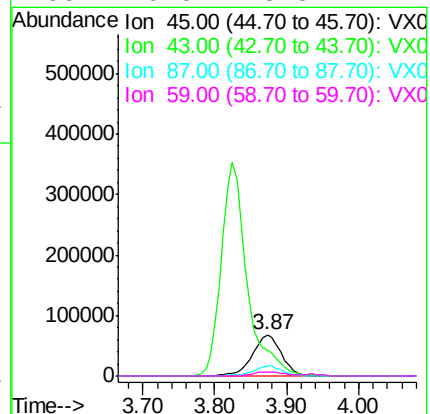
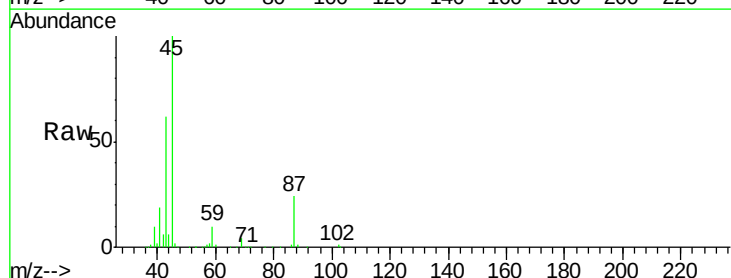
Ion Ratio Lower Upper

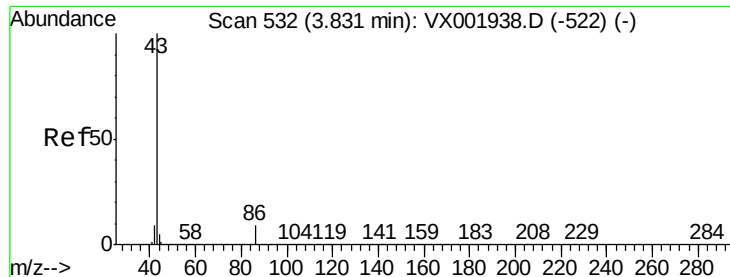
45 100

43 61.6 47.0 70.6

87 24.5 19.4 29.0

59 10.0 8.5 12.7





#23

Vinyl Acetate

Concen: 118.03 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

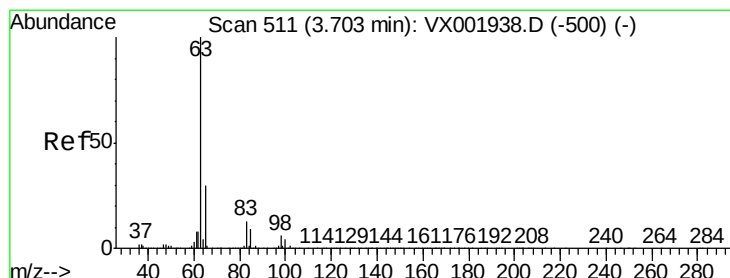
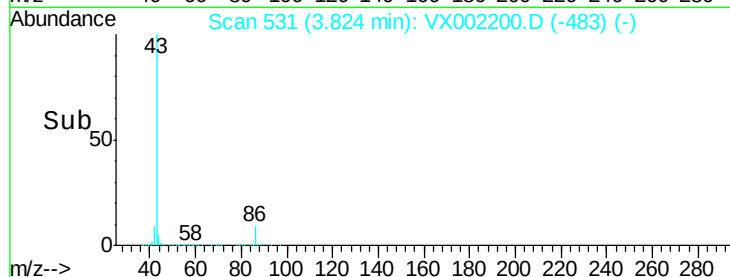
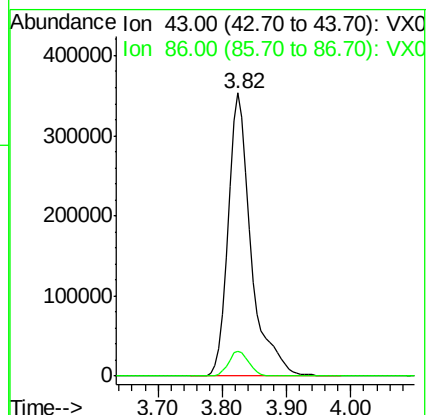
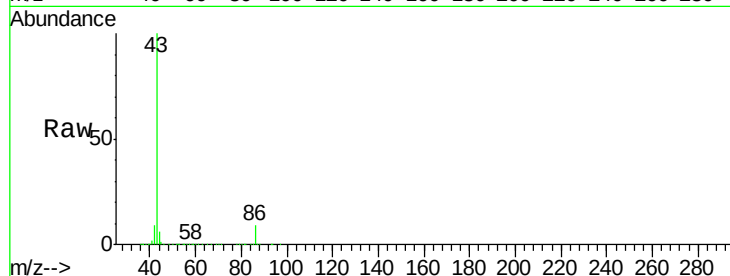
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 883364

Ion Ratio Lower Upper

43 100

86 8.7 7.6 11.4



#24

1,1-Dichloroethane

Concen: 24.27 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

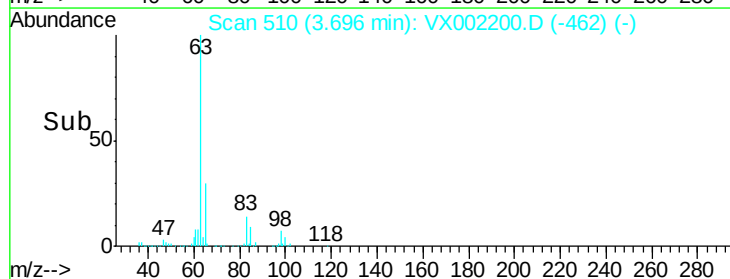
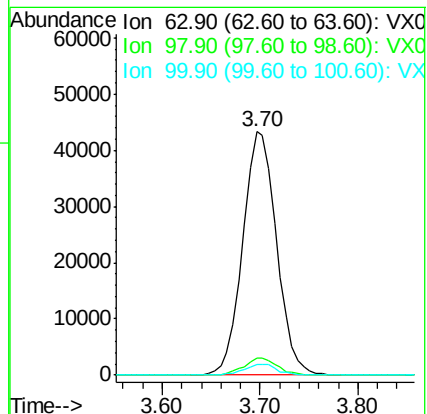
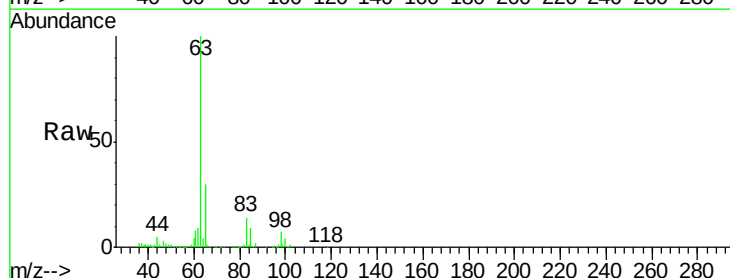
Tgt Ion: 63 Resp: 104075

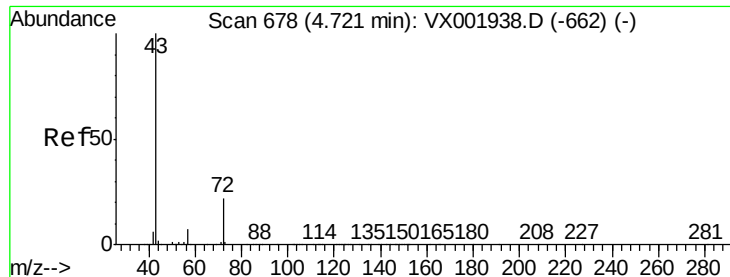
Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

100 4.1 2.1 6.5

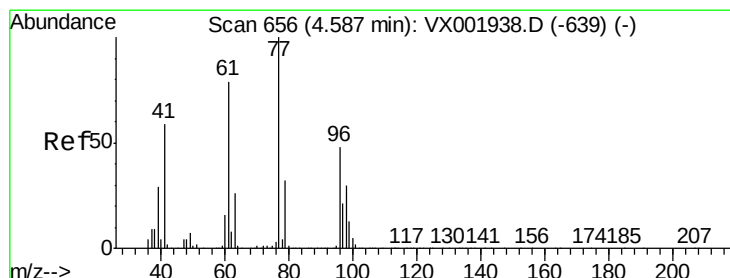
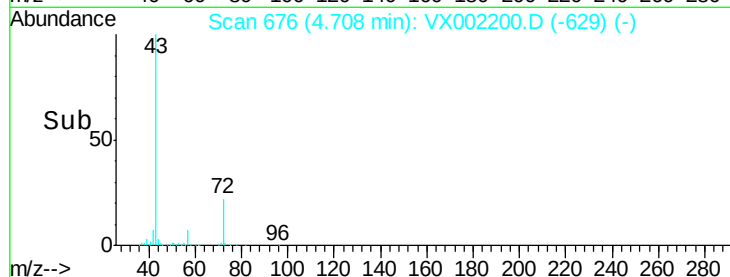
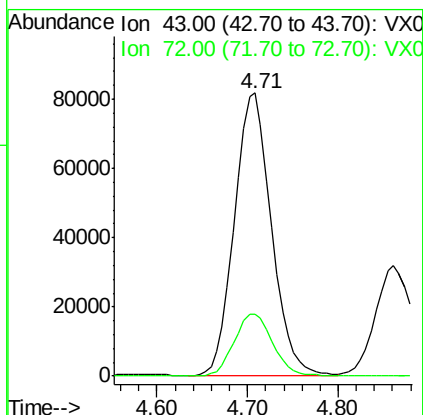
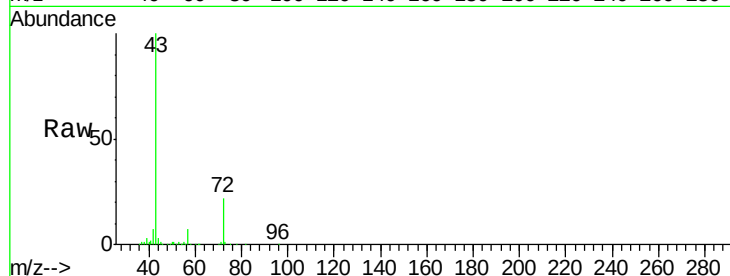




#25
2-Butanone
Concen: 100.62 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

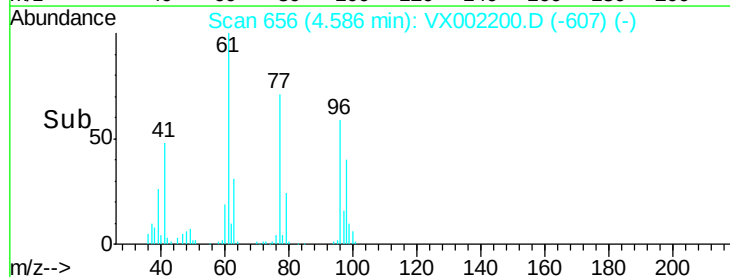
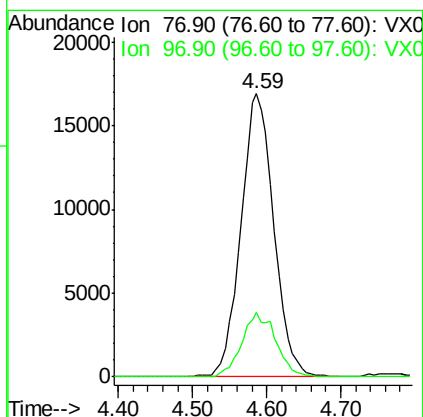
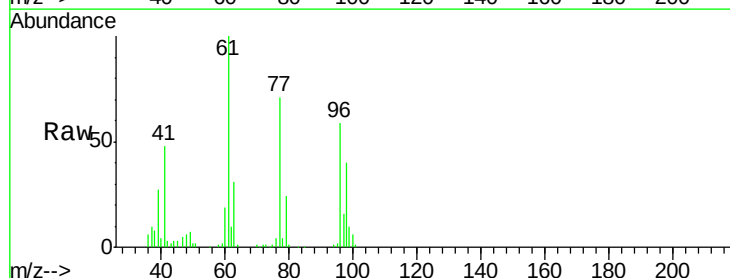
Instrument :
MSVOA_X
ClientSampled :

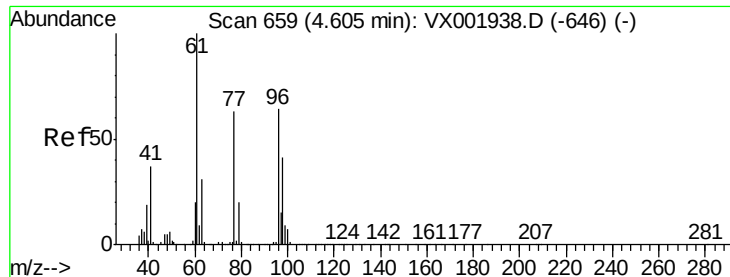
Tot Ion: 43 Resp: 230752
Ion Ratio Lower Upper
43 100
72 22.1 17.9 26.9



#26
2,2-Dichloropropane
Concen: 12.00 ug/l
RT: 4.59 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion: 77 Resp: 52076
Ion Ratio Lower Upper
77 100
97 23.6 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 19.63 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :

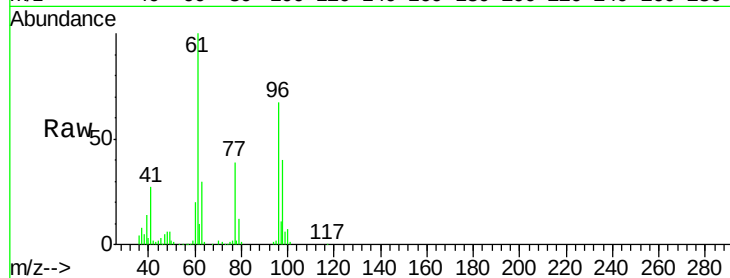
Tot Ion: 96 Resp: 54127

Ion Ratio Lower Upper

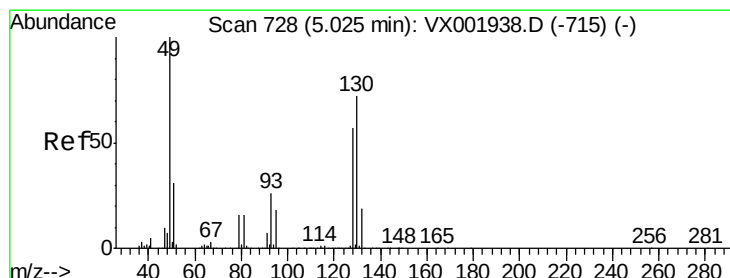
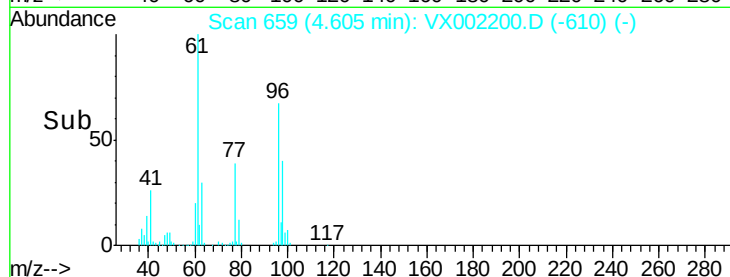
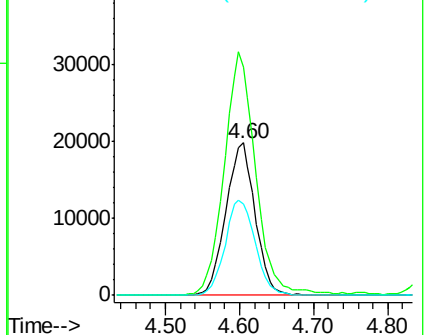
96 100

61 172.3 0.0 348.4

98 64.6 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: 27.34 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

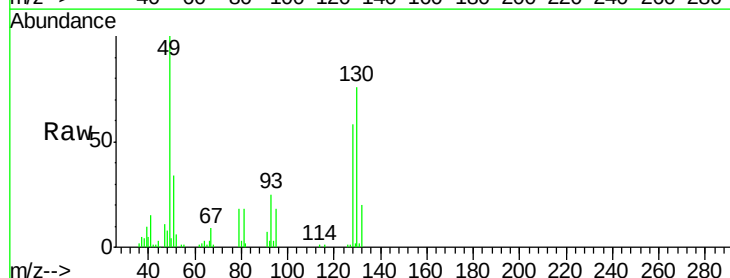
Tgt Ion: 49 Resp: 50922

Ion Ratio Lower Upper

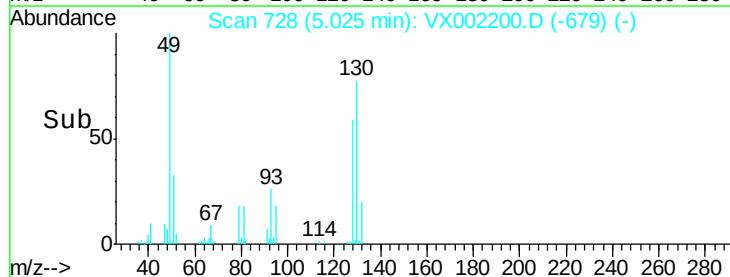
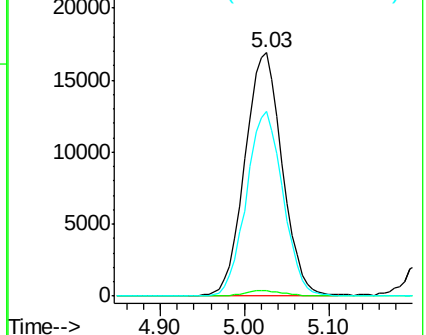
49 100

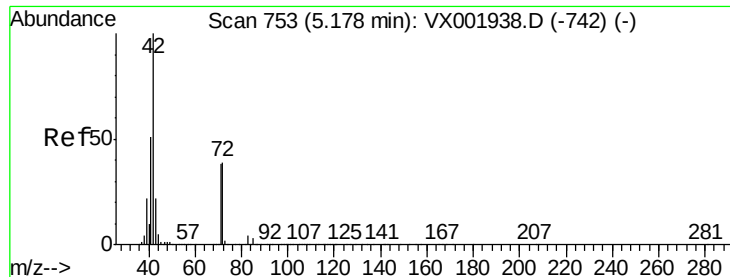
129 2.1 0.0 3.8

130 74.4 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: 101.09 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

ClientSampled :

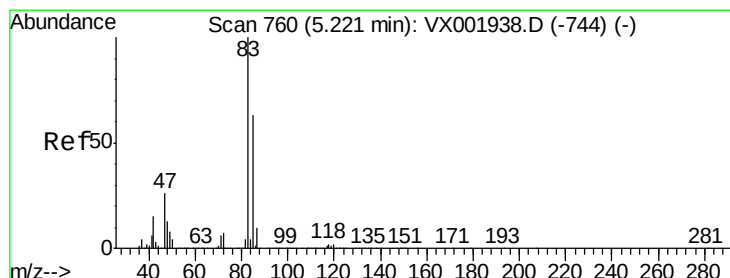
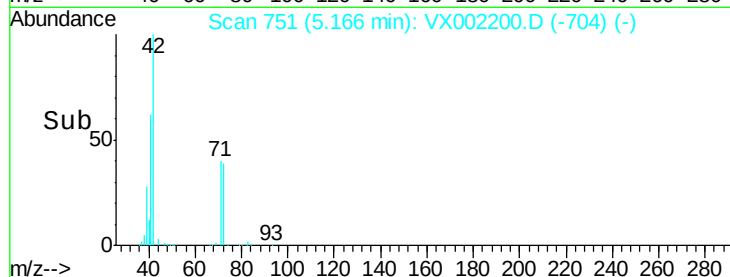
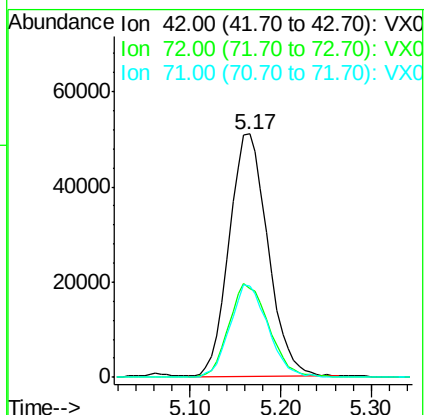
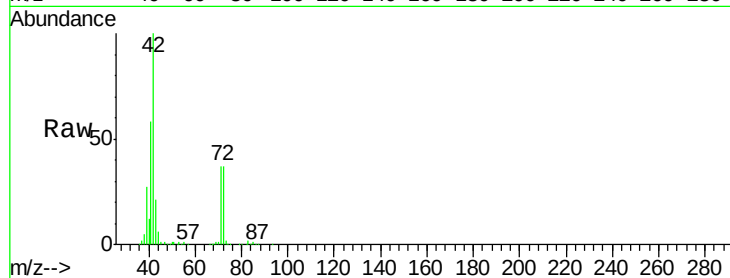
Tot Ion: 42 Resp: 150834

Ion Ratio Lower Upper

42 100

72 40.1 31.4 47.0

71 37.8 29.5 44.3



#30

Chloroform

Concen: 19.78 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX002200.D

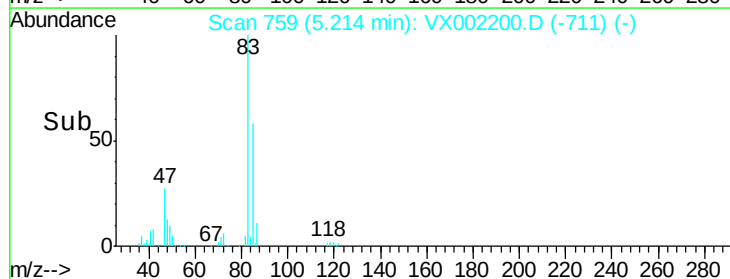
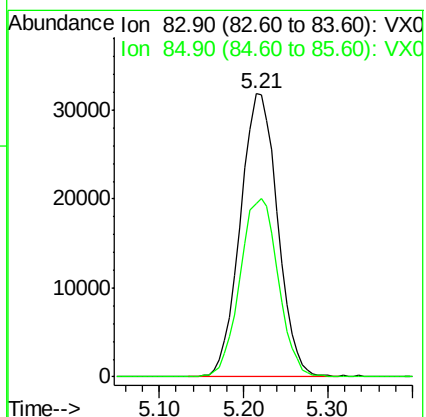
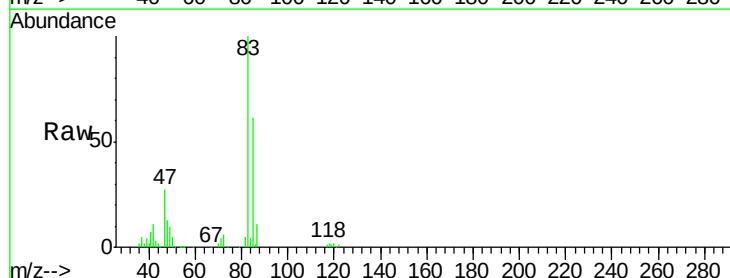
Acq: 01 Jun 2018 04:41

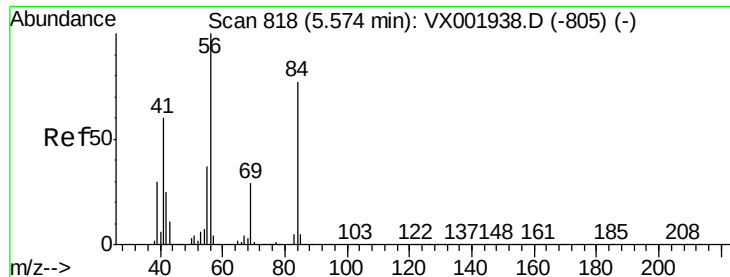
Tgt Ion: 83 Resp: 95559

Ion Ratio Lower Upper

83 100

85 61.4 50.9 76.3

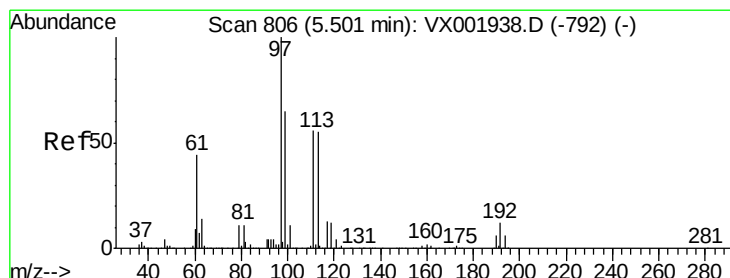
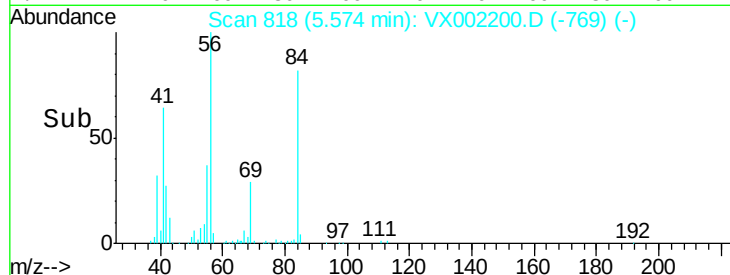
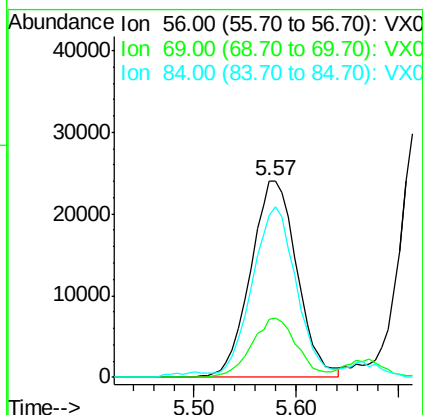
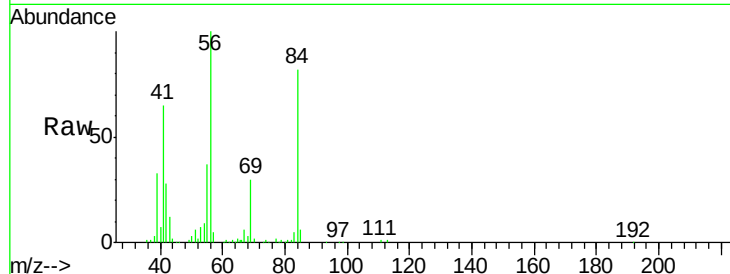




#31
Cyclohexane
Concen: 16.99 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

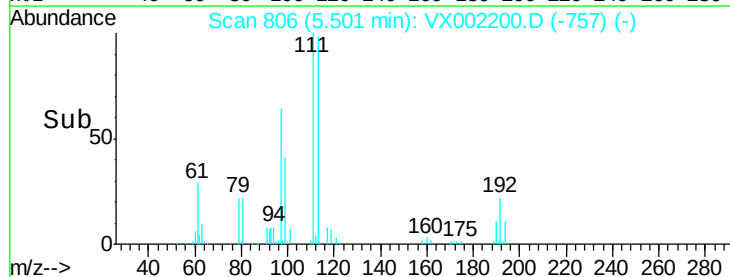
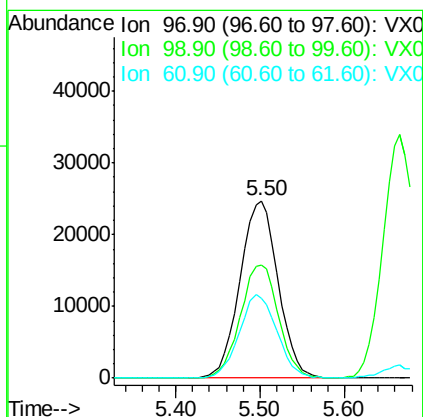
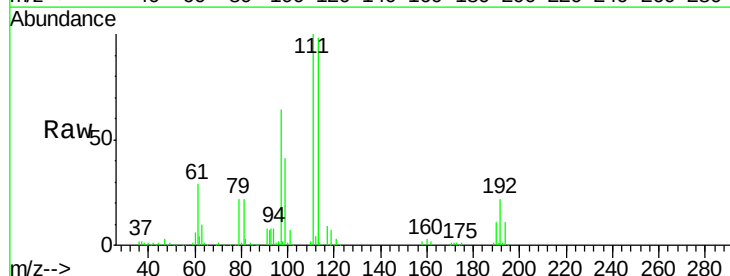
Instrument :
MSVOA_X
ClientSampleId :

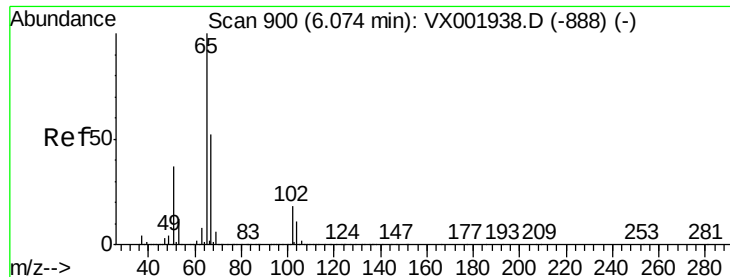
Tot Ion: 56 Resp: 75901
Ion Ratio Lower Upper
56 100
69 28.9 23.1 34.7
84 79.1 62.0 93.0



#32
1,1,1-Trichloroethane
Concen: 16.82 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion: 97 Resp: 75774
Ion Ratio Lower Upper
97 100
99 64.2 51.9 77.9
61 46.8 35.9 53.9

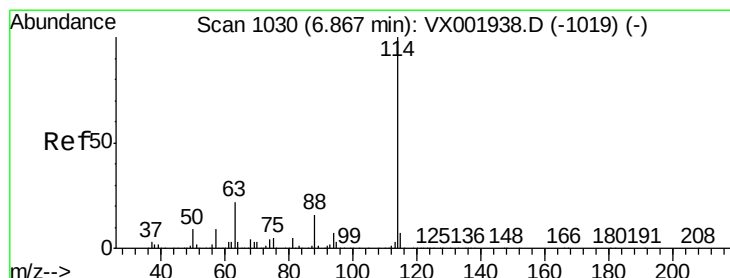
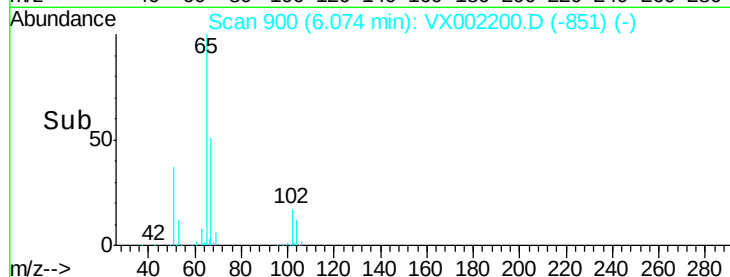
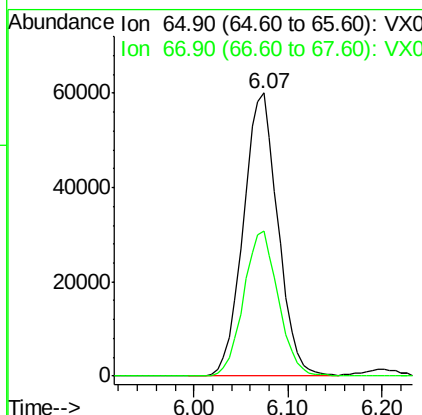
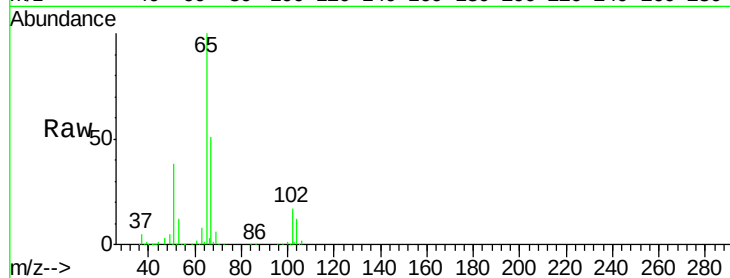




#33
 1,2-Dichloroethane-d4
 Concen: 47.68 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002200.D
 Acq: 01 Jun 2018 04:41

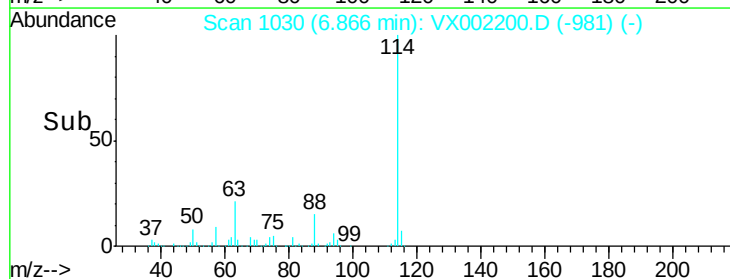
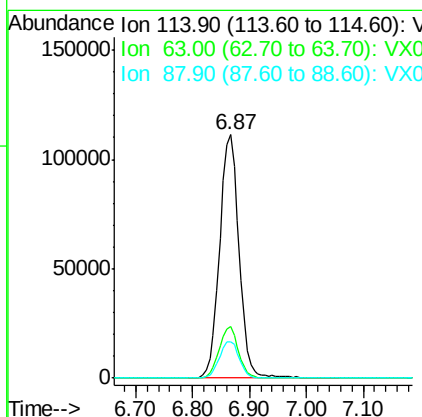
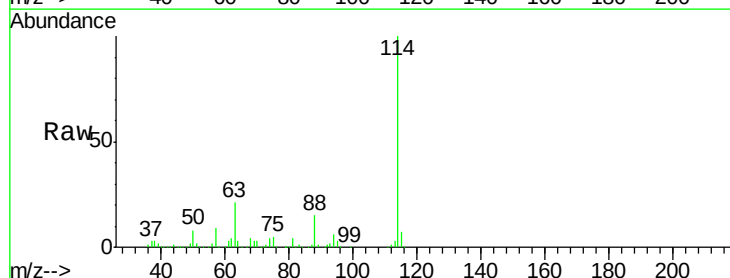
Instrument :
 MSVOA_X
 ClientSampleId :

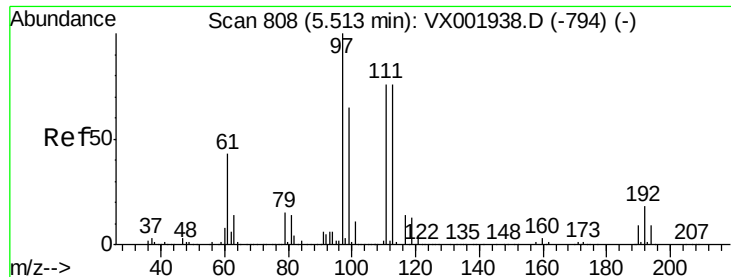
Tot Ion: 65 Resp: 154576
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002200.D
 Acq: 01 Jun 2018 04:41

Tgt Ion: 114 Resp: 263530
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.2
 88 15.0 0.0 31.6

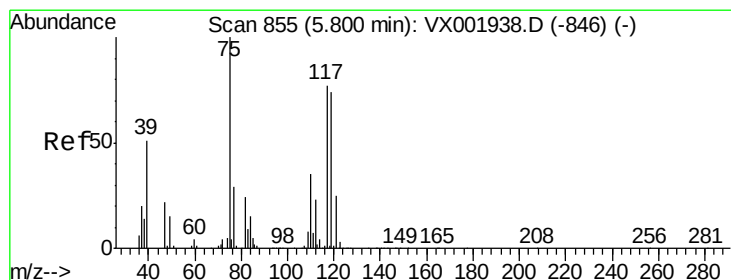
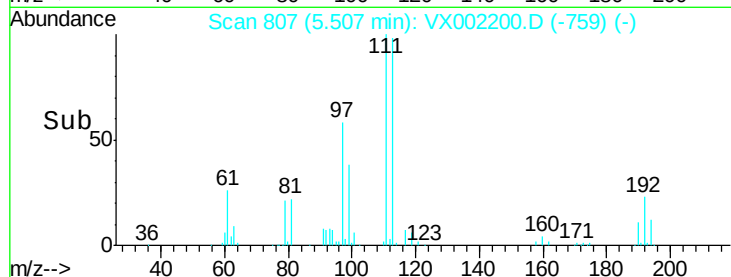
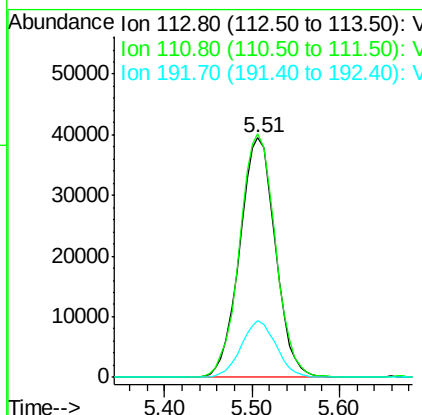
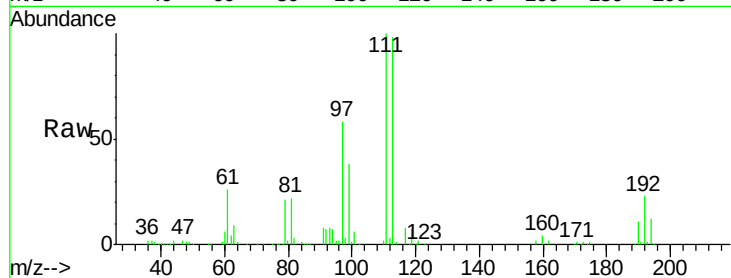




#35
 Dibromofluoromethane
 Concen: 42.47 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX002200.D
 Acq: 01 Jun 2018 04:41

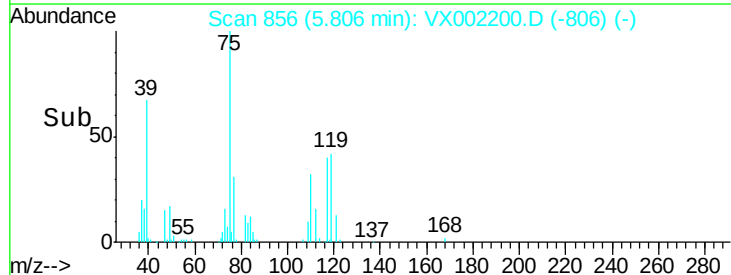
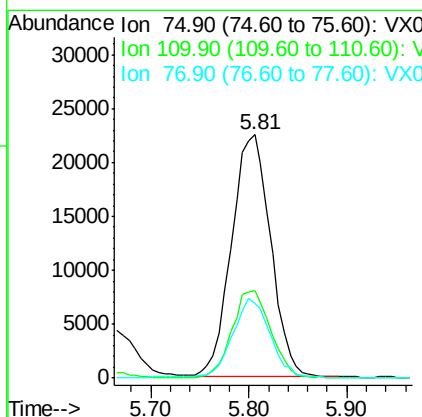
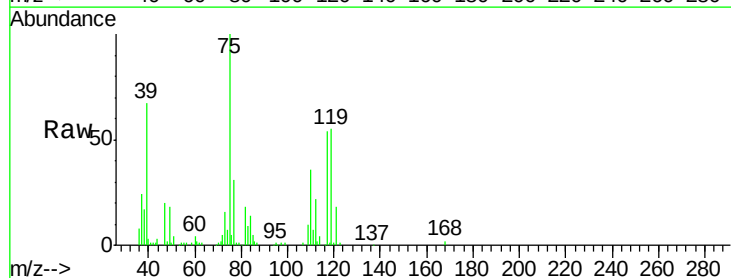
Instrument :
 MSVOA_X
 ClientSampled :

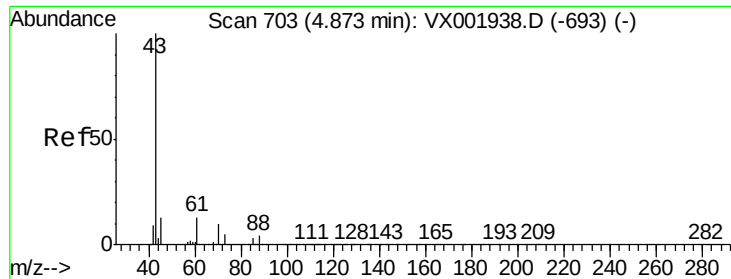
Tot Ion:113 Resp: 111933
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.0 123.0
 192 23.2 18.9 28.3



#36
 1,1-Dichloropropene
 Concen: 17.00 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX002200.D
 Acq: 01 Jun 2018 04:41

Tgt Ion: 75 Resp: 62317
 Ion Ratio Lower Upper
 75 100
 110 36.1 17.4 52.2
 77 32.0 24.4 36.6

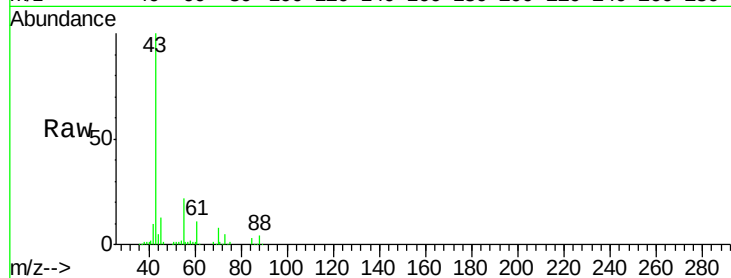




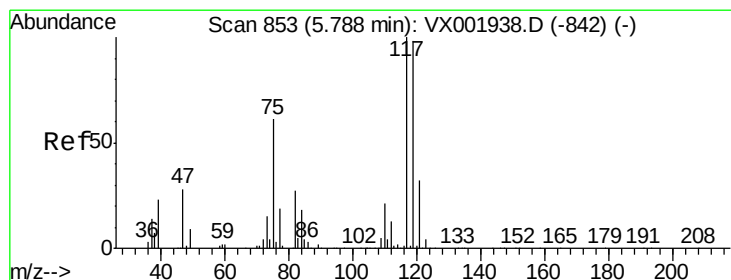
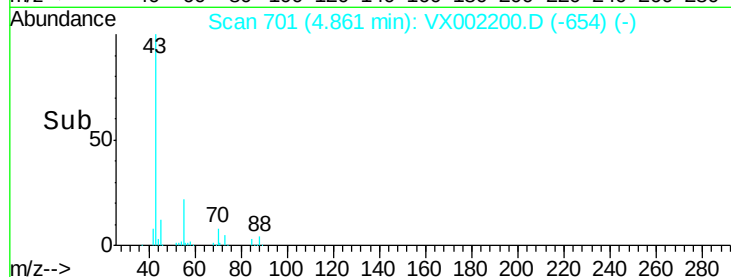
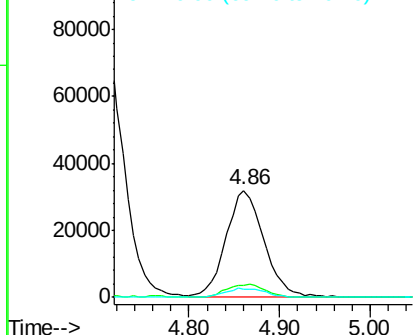
#37
Ethyl Acetate
Concen: 19.18 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 91671
Ion Ratio Lower Upper
43 100
61 13.2 10.2 15.2
70 9.0 7.8 11.8

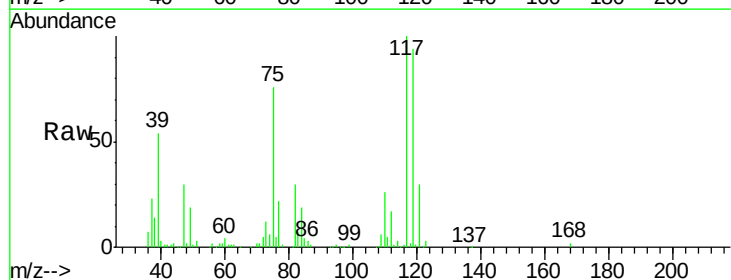


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

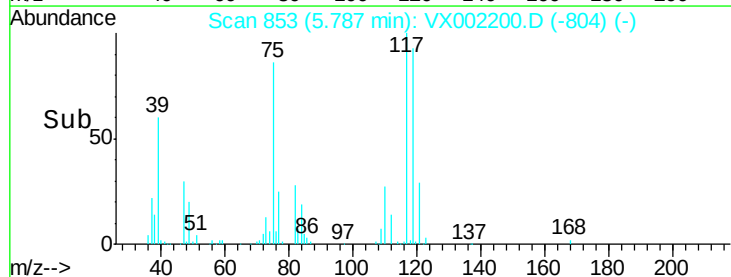
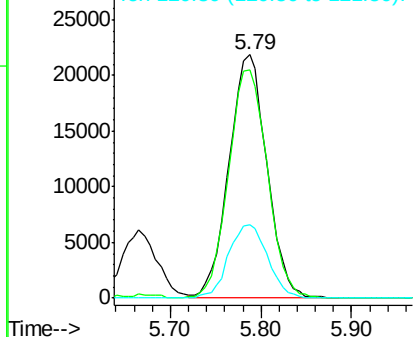


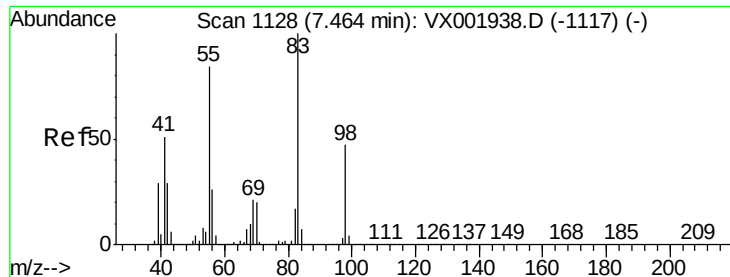
#38
Carbon Tetrachloride
Concen: 14.87 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion: 117 Resp: 63550
Ion Ratio Lower Upper
117 100
119 93.6 78.5 117.7
121 30.3 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

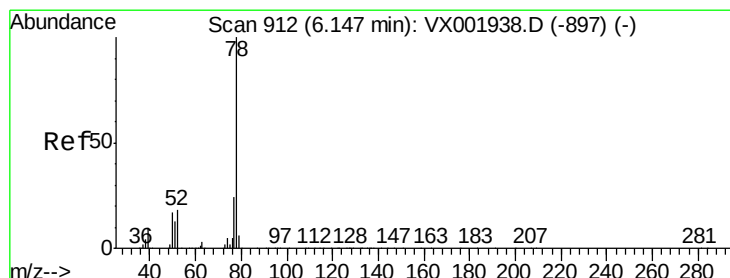
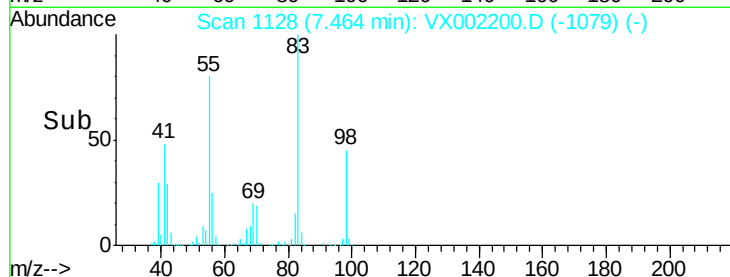
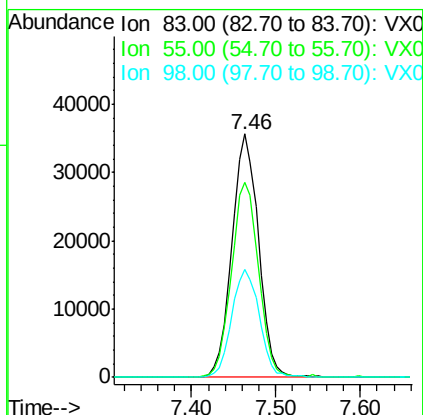
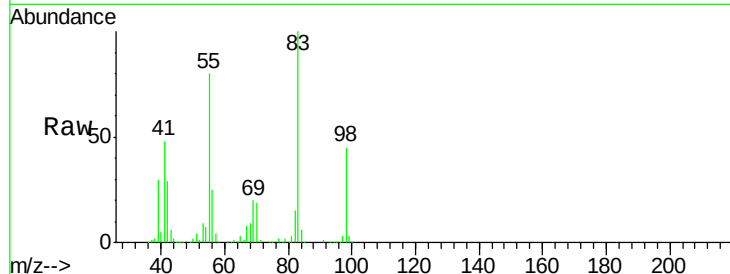




#39
Methylvlcyclohexane
Concen: 16.92 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

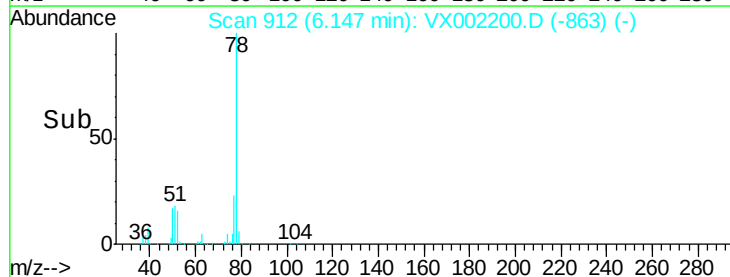
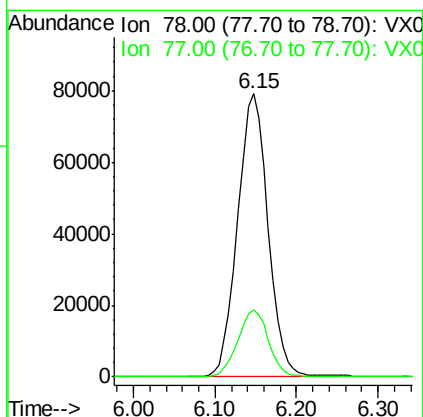
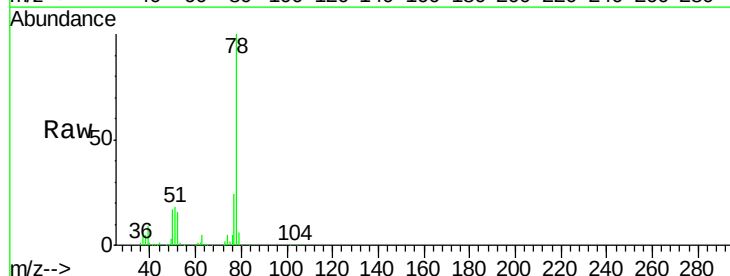
Instrument :
MSVOA_X
ClientSampleId :

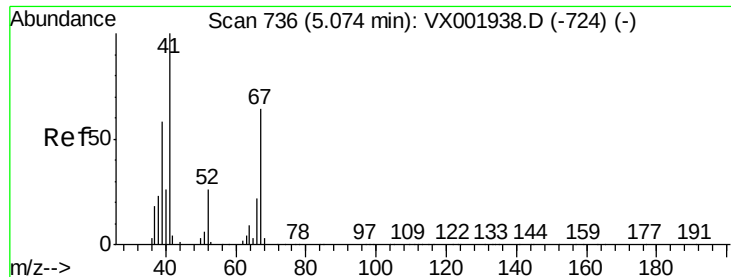
Tot Ion: 83 Resp: 76218
Ion Ratio Lower Upper
83 100
55 80.2 67.3 100.9
98 44.5 37.5 56.3



#40
Benzene
Concen: 19.10 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion: 78 Resp: 205067
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7





#41

Methacrylonitrile

Concen: 20.35 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 53360

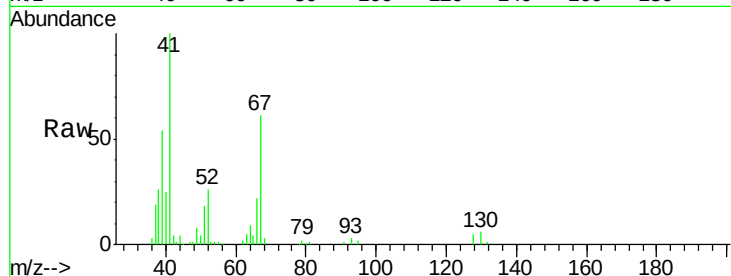
Ion Ratio Lower Upper

41 100

39 55.3 46.0 69.0

67 61.9 50.6 75.8

52 28.9 21.9 32.9

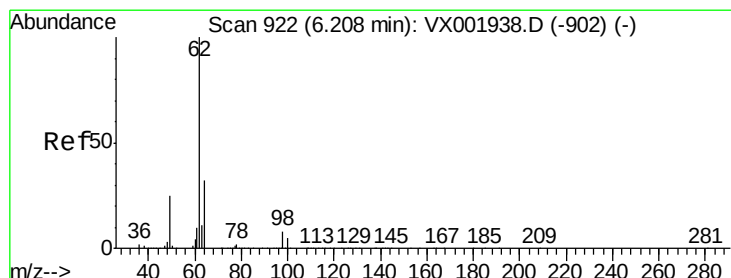
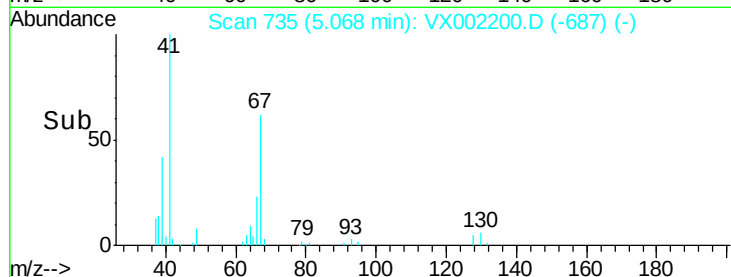
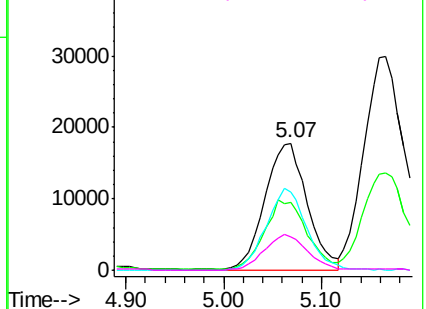


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.86 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX002200.D

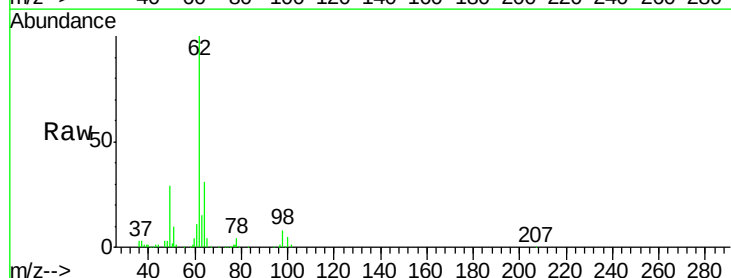
Acq: 01 Jun 2018 04:41

Tgt Ion: 62 Resp: 89481

Ion Ratio Lower Upper

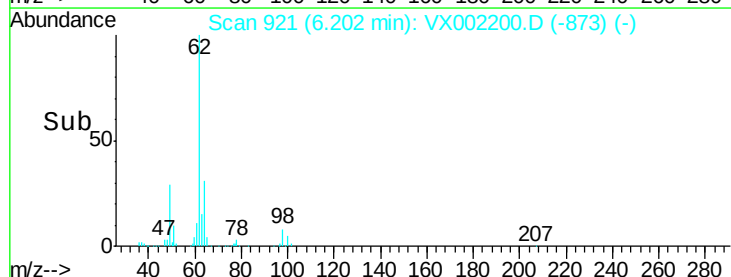
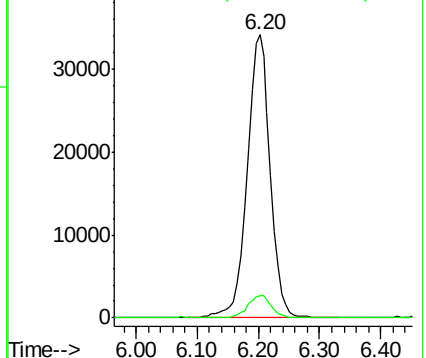
62 100

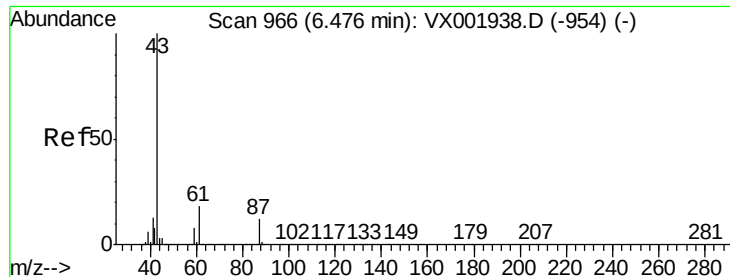
98 8.0 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.31 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

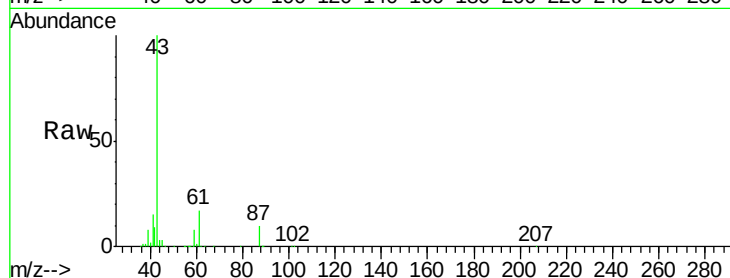
Tot Ion: 43 Resp: 153723

Ion Ratio Lower Upper

43 100

61 17.4 14.5 21.7

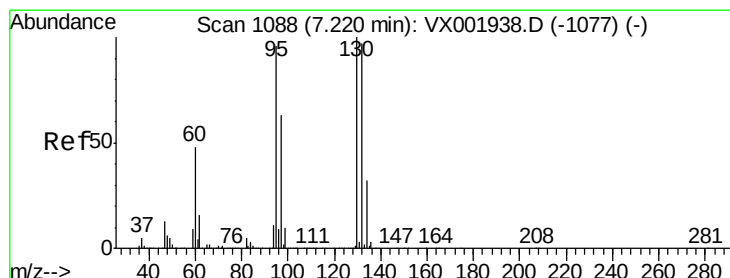
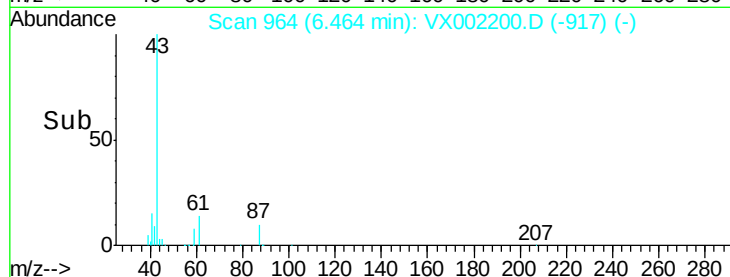
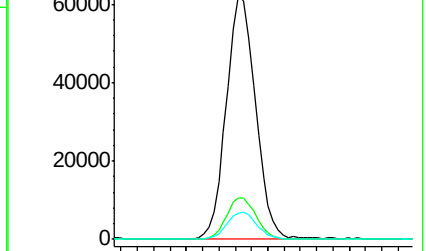
87 11.4 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX001938.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VX001938.D (-954) (-)

Ion 87.00 (86.70 to 87.70): VX001938.D (-954) (-)



#44

Trichloroethene

Concen: 18.21 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX002200.D

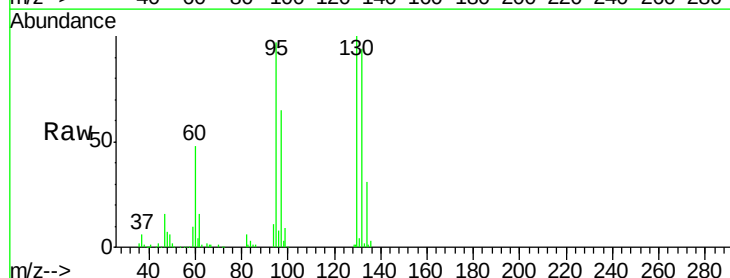
Acq: 01 Jun 2018 04:41

Tgt Ion:130 Resp: 56990

Ion Ratio Lower Upper

130 100

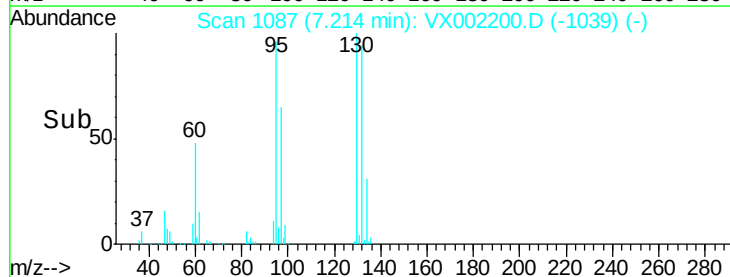
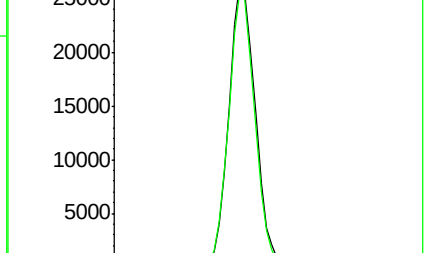
95 96.8 0.0 192.0

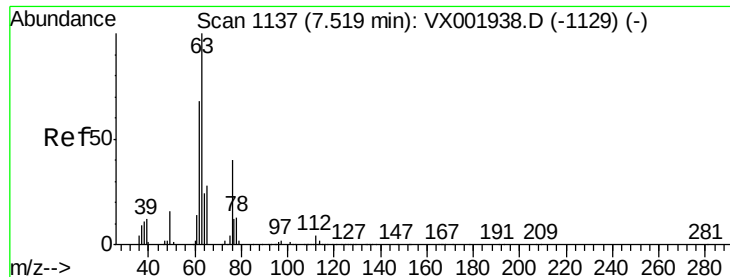


Abundance Ion 129.80 (129.50 to 130.50): VX001938.D (-1077) (-)

Ion 94.90 (94.60 to 95.60): VX001938.D (-1077) (-)

Ion 130.00 (129.70 to 130.30): VX001938.D (-1077) (-)





#45

1,2-Dichloropropane

Concen: 19.56 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

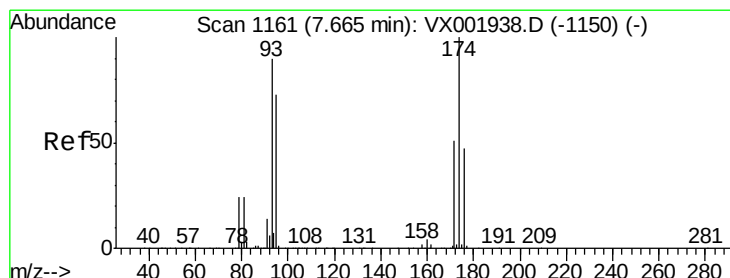
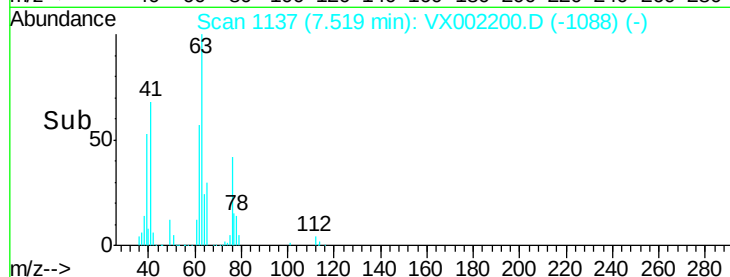
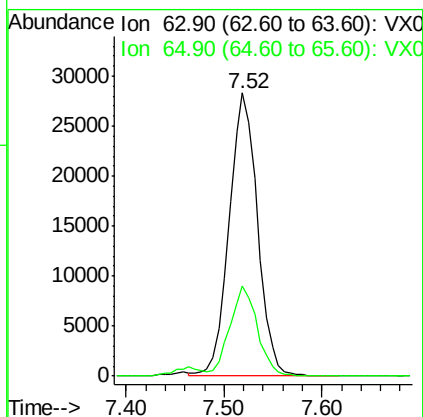
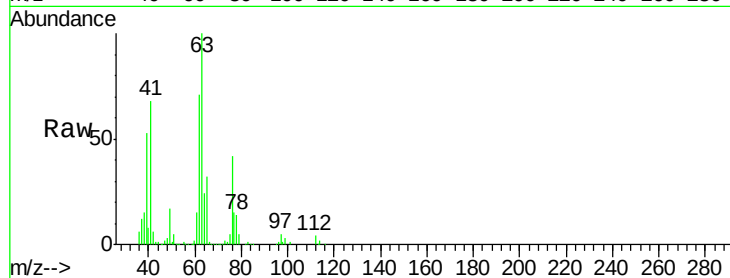
ClientSampleId :

Tot Ion: 63 Resp: 57035

Ion Ratio Lower Upper

63 100

65 31.6 24.1 36.1



#46

Dibromomethane

Concen: 20.47 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

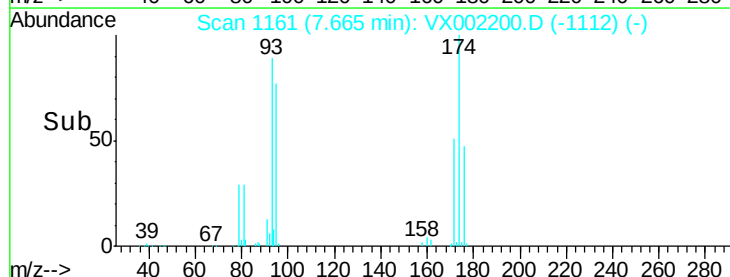
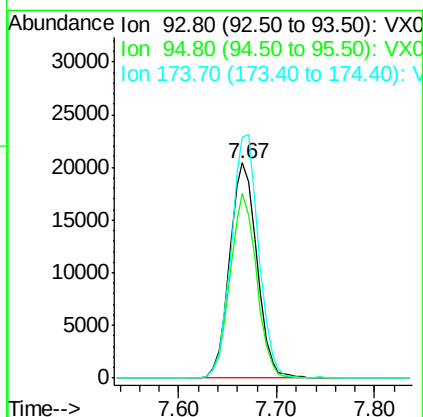
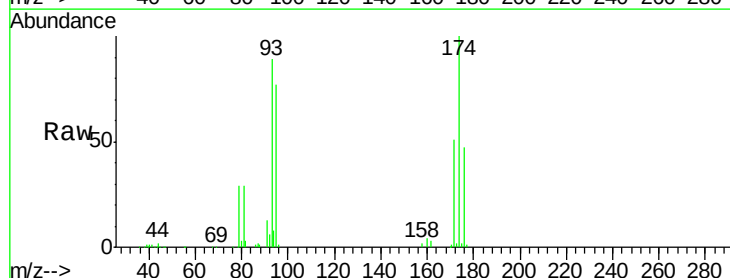
Tgt Ion: 93 Resp: 39535

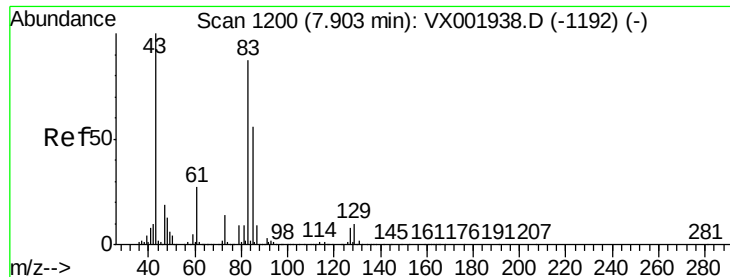
Ion Ratio Lower Upper

93 100

95 83.1 66.1 99.1

174 113.5 92.5 138.7





#47

Bromodichloromethane

Concen: 16.52 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :

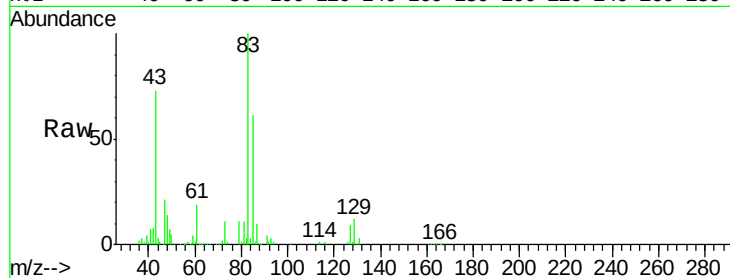
Tot Ion: 83 Resp: 68005

Ion Ratio Lower Upper

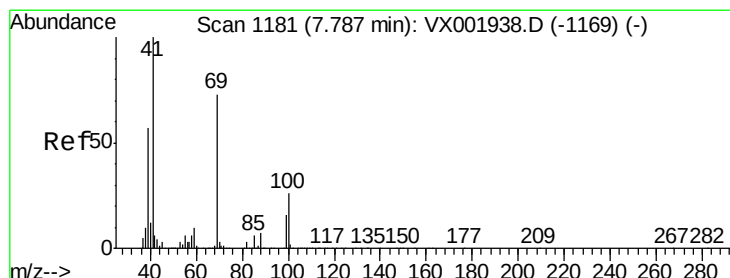
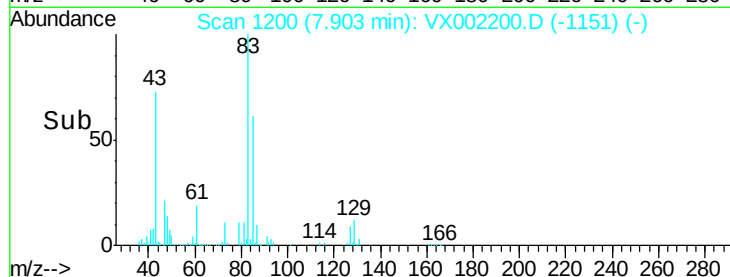
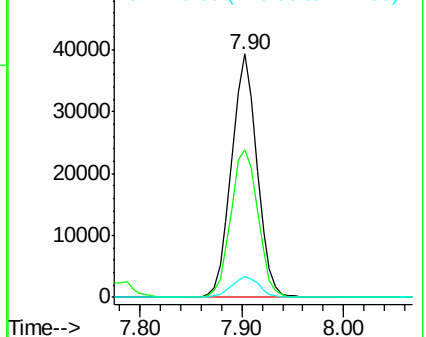
83 100

85 60.6 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: 19.13 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

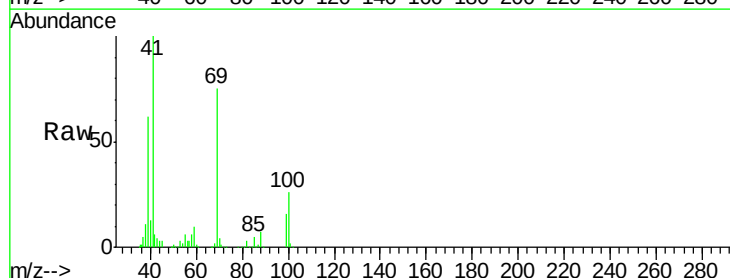
Tgt Ion: 41 Resp: 77529

Ion Ratio Lower Upper

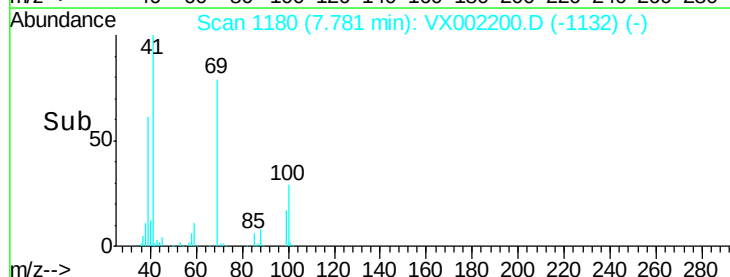
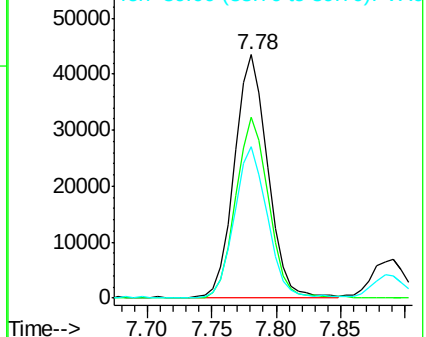
41 100

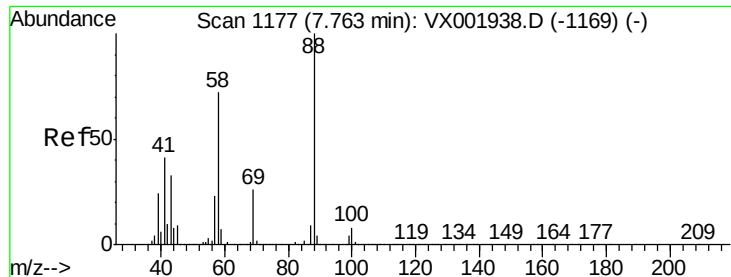
69 74.1 58.6 87.8

39 61.5 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

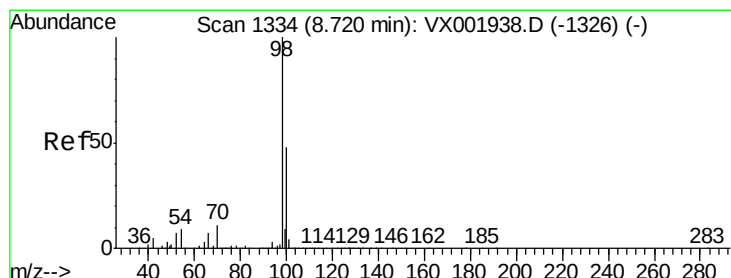
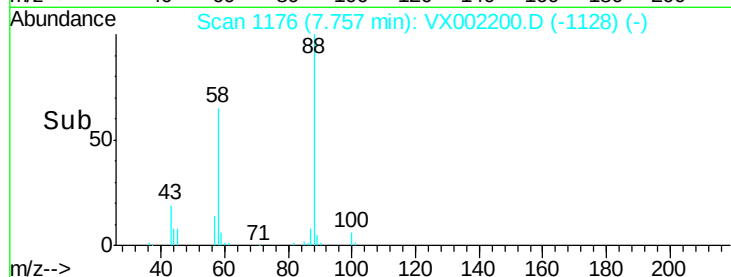
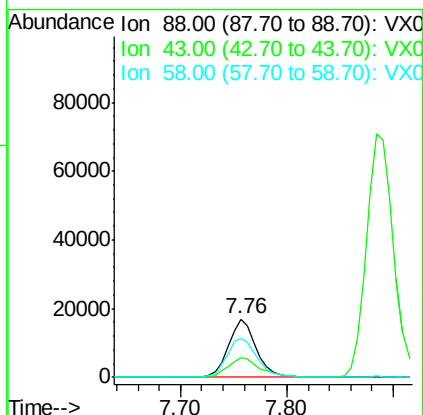
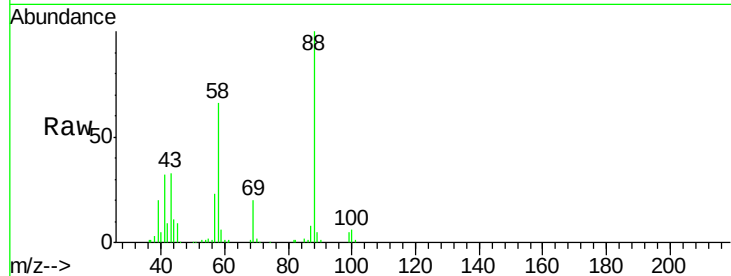




#49
1,4-Dioxane
Concen: 431.70 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

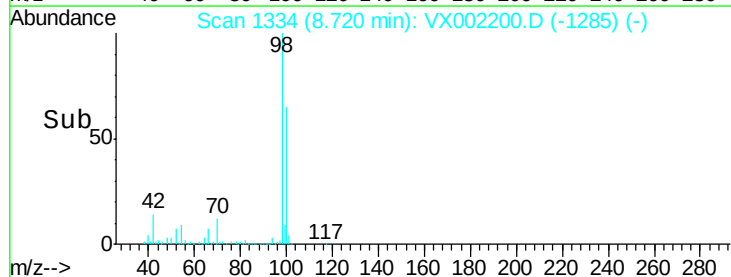
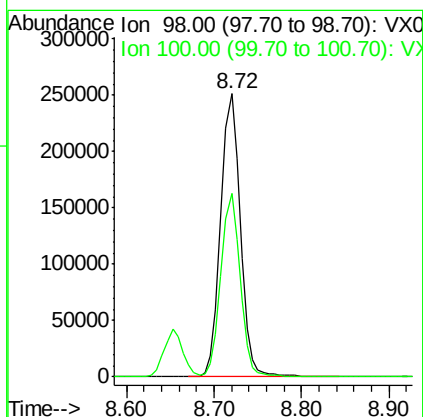
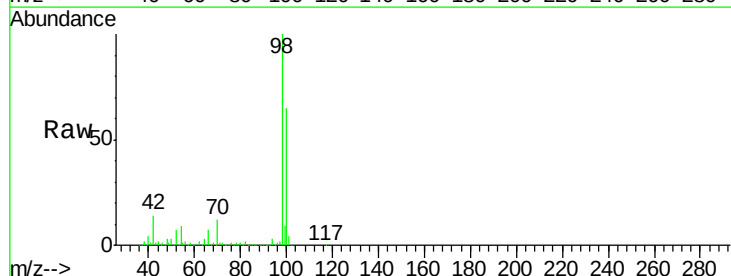
Instrument :
MSVOA_X
ClientSampleId :

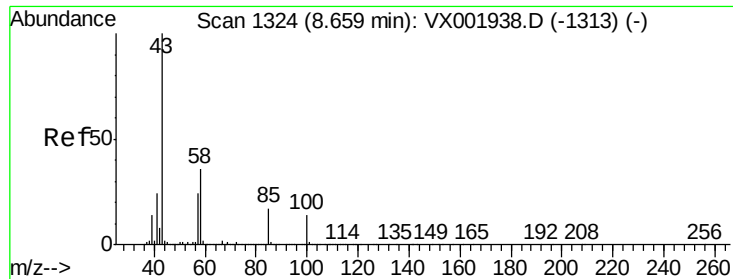
Tot Ion: 88 Resp: 30830
Ion Ratio Lower Upper
88 100
43 37.8 29.8 44.8
58 73.1 58.7 88.1



#50
Toluene-d8
Concen: 41.10 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion: 98 Resp: 392153
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 103.38 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

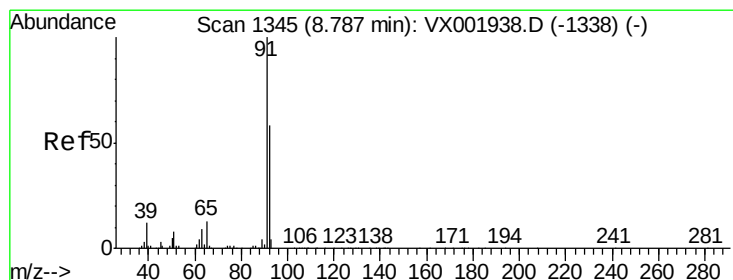
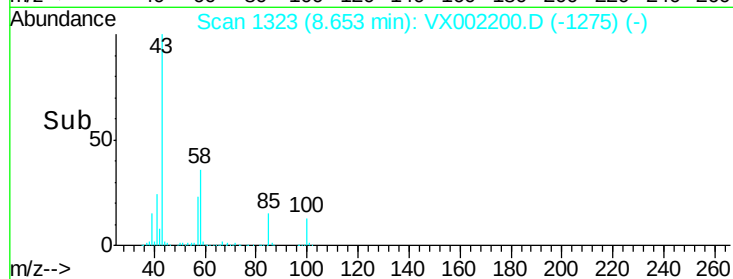
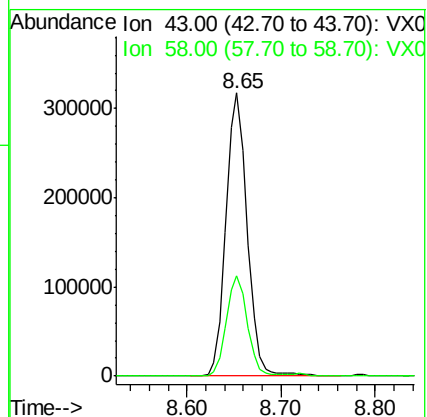
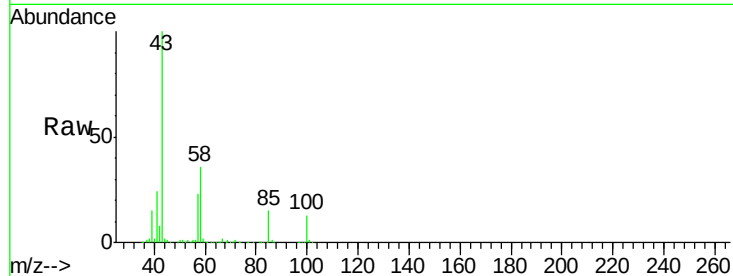
ClientSampled :

Tot Ion: 43 Resp: 496249

Ion Ratio Lower Upper

43 100

58 35.1 28.5 42.7



#52

Toluene

Concen: 18.87 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002200.D

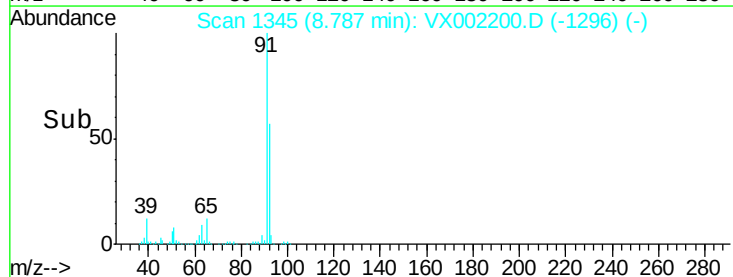
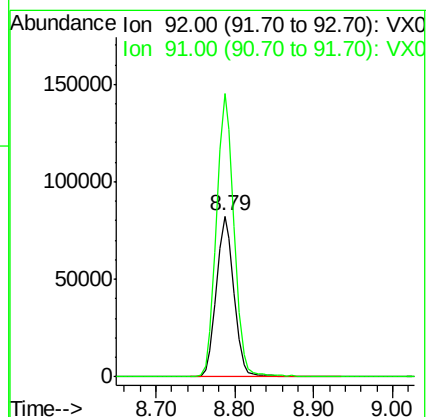
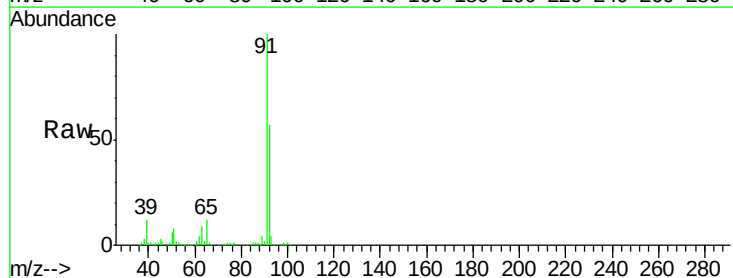
Acq: 01 Jun 2018 04:41

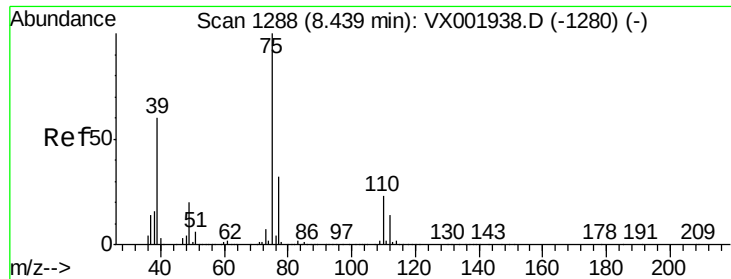
Tgt Ion: 92 Resp: 128979

Ion Ratio Lower Upper

92 100

91 176.6 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 16.58 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

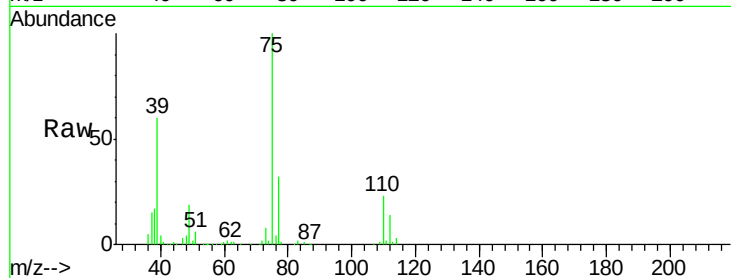
ClientSampled :

Tot Ion: 75 Resp: 78618

Ion Ratio Lower Upper

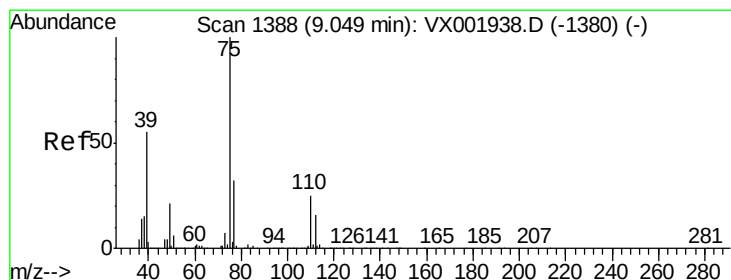
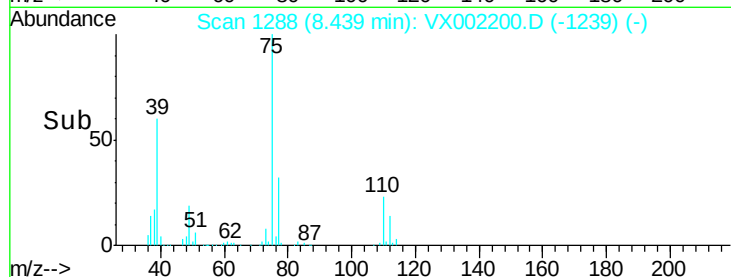
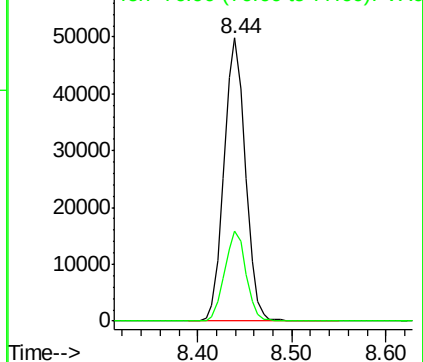
75 100

77 31.9 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: 15.72 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

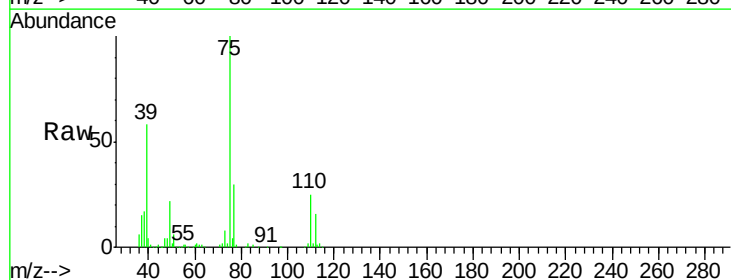
Tgt Ion: 75 Resp: 72649

Ion Ratio Lower Upper

75 100

77 30.1 25.4 38.0

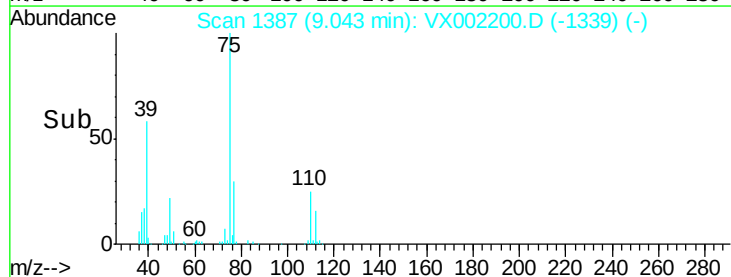
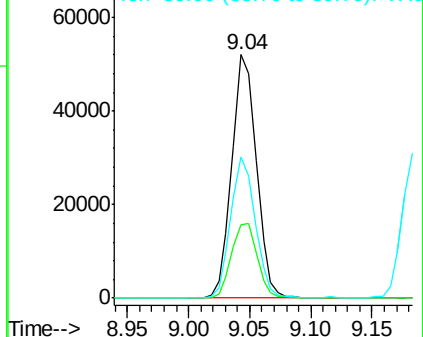
39 57.8 44.1 66.1

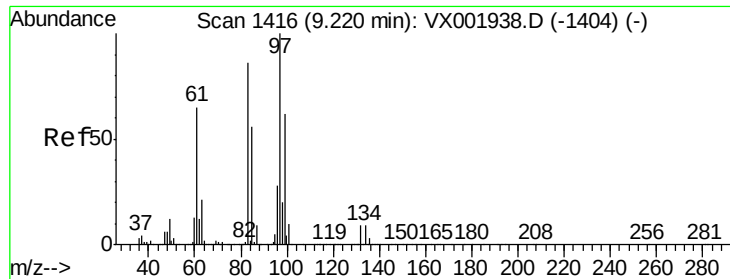


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

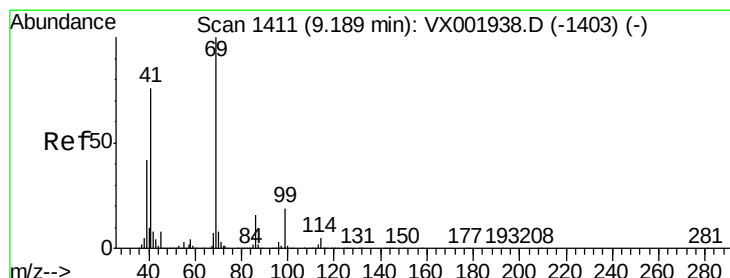
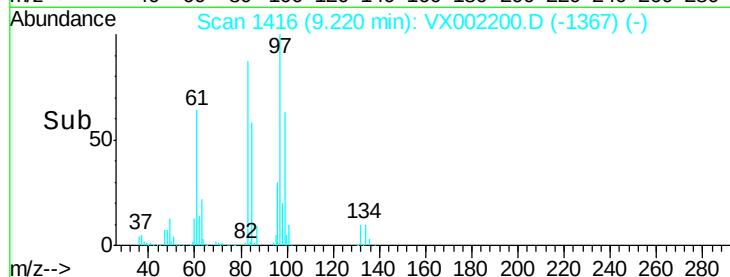
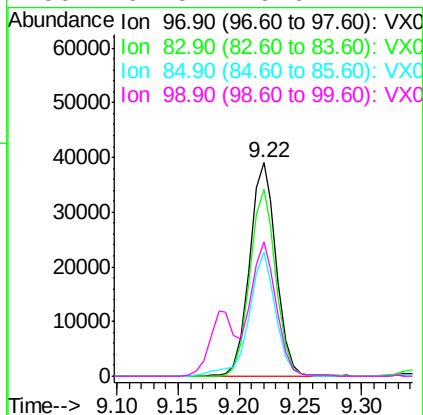
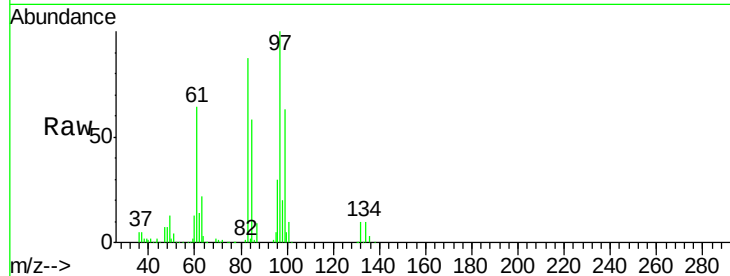




#55
 1,1,2-Trichloroethane
 Concen: 20.71 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002200.D
 Acq: 01 Jun 2018 04:41

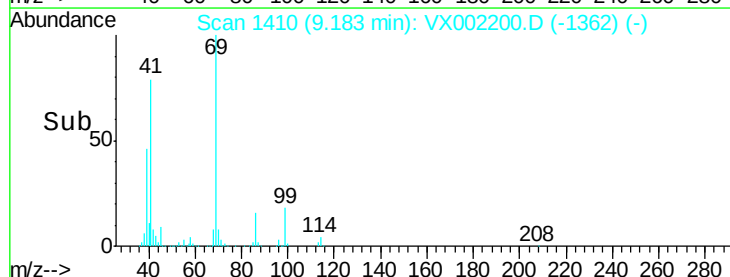
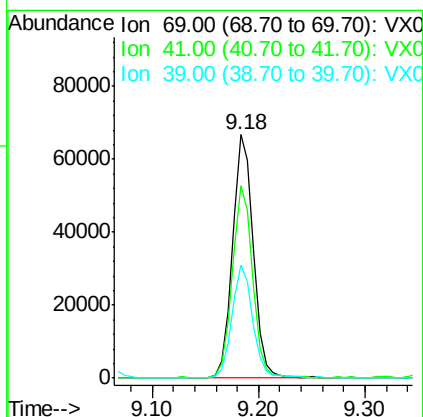
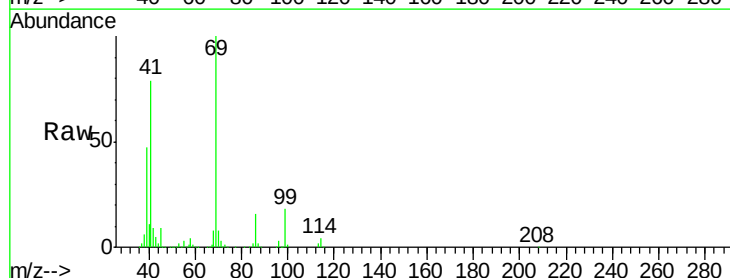
Instrument :
 MSVOA_X
 ClientSampleId :

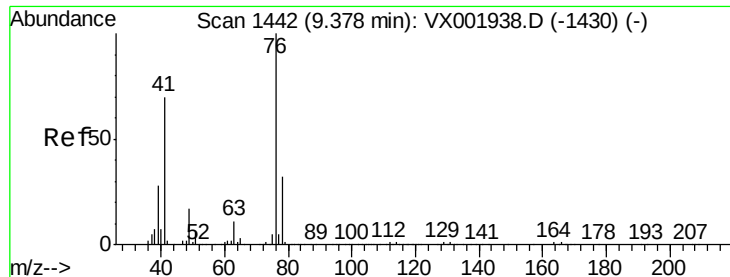
Tot Ion:	97	Resp:	59129
Ion	Ratio	Lower	Upper
97	100		
83	87.4	69.1	103.7
85	58.1	45.2	67.8
99	62.5	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 18.67 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX002200.D
 Acq: 01 Jun 2018 04:41

Tgt Ion:	69	Resp:	91687
Ion	Ratio	Lower	Upper
69	100		
41	76.7	61.0	91.6
39	45.8	34.4	51.6

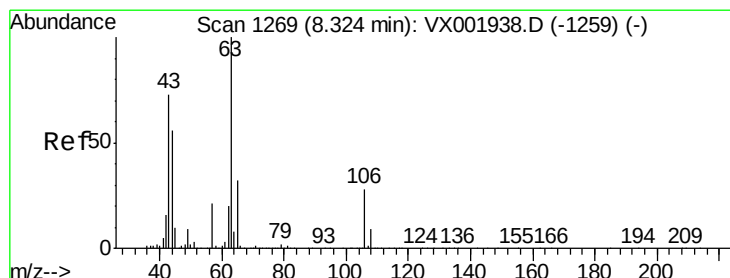
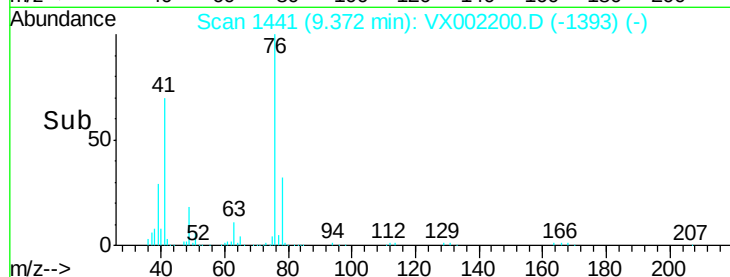
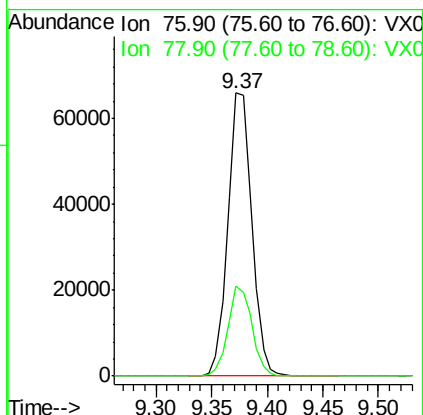
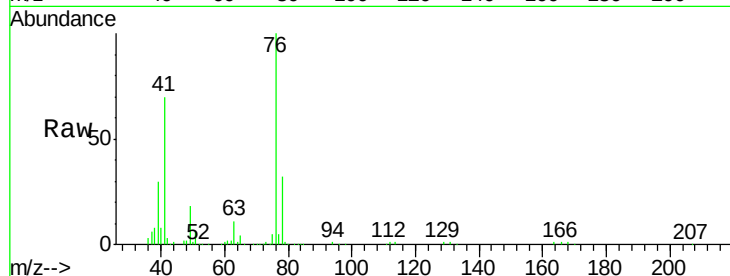




#57
 1,3-Dichloropropane
 Concen: 20.89 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX002200.D
 Acq: 01 Jun 2018 04:41

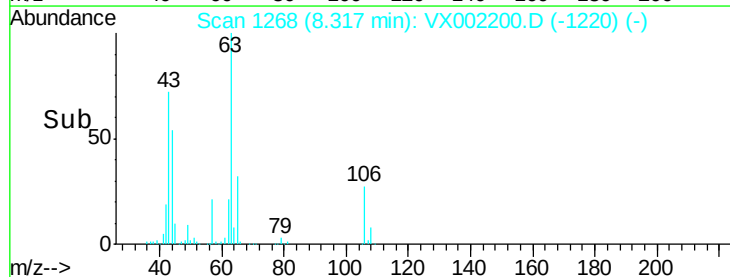
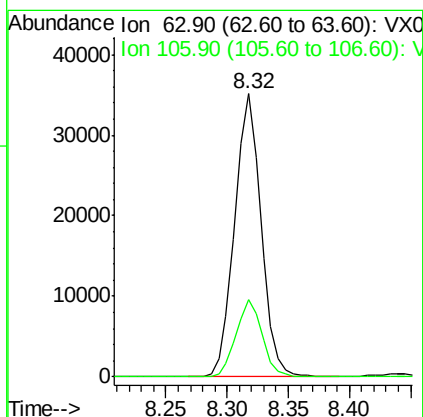
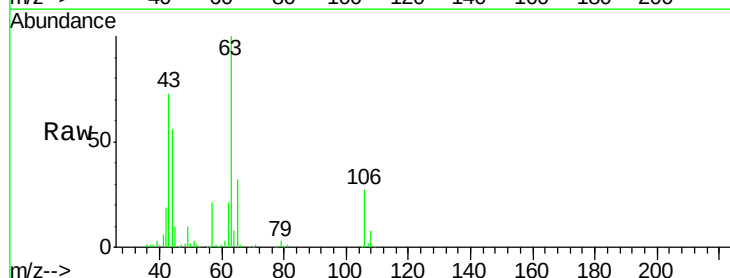
Instrument :
 MSVOA_X
 ClientSampled :

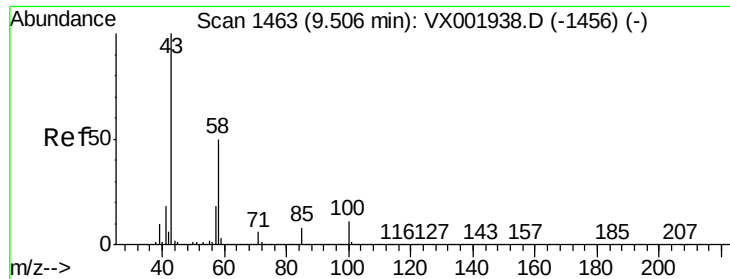
Tot Ion: 76 Resp: 98251
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 23.95 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX002200.D
 Acq: 01 Jun 2018 04:41

Tgt Ion: 63 Resp: 52129
 Ion Ratio Lower Upper
 63 100
 106 27.3 21.7 32.5

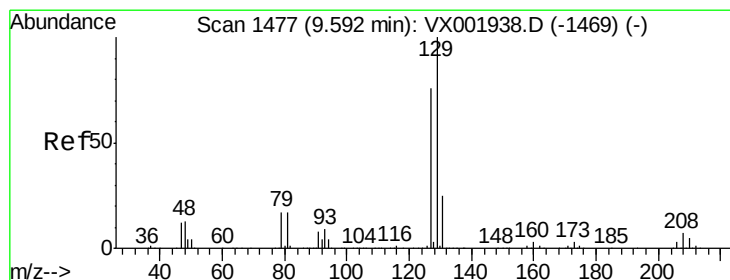
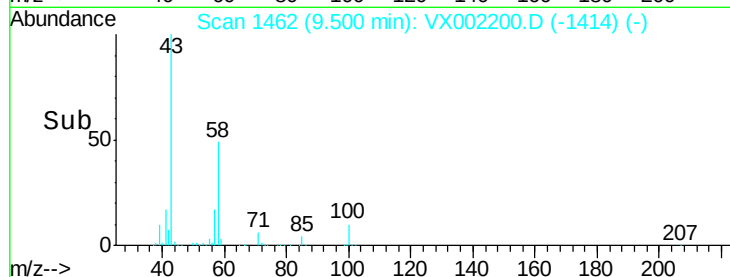
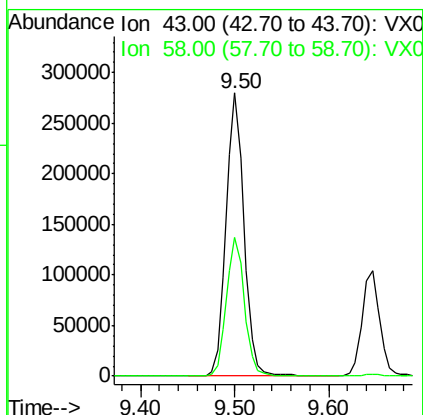
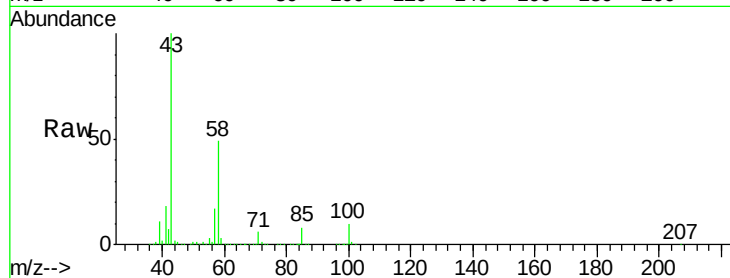




#59
2-Hexanone
Concen: 99.97 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

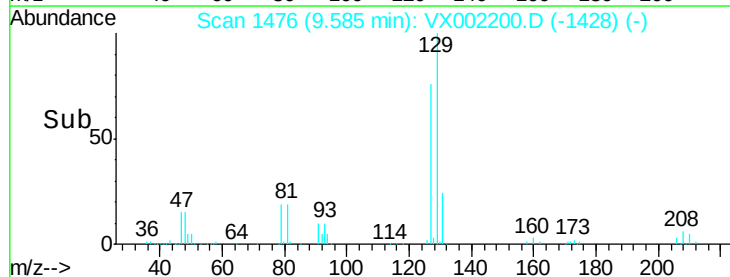
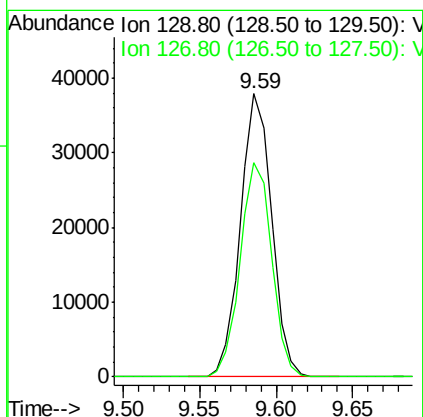
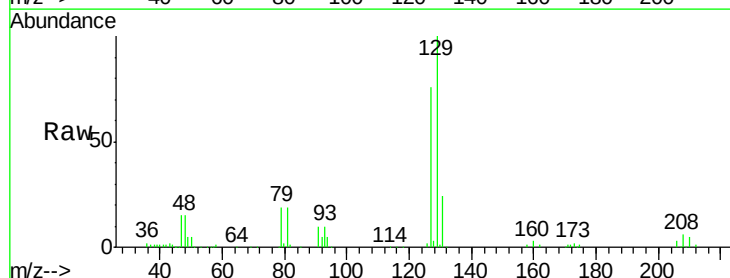
Instrument :
MSVOA_X
ClientSampleId :

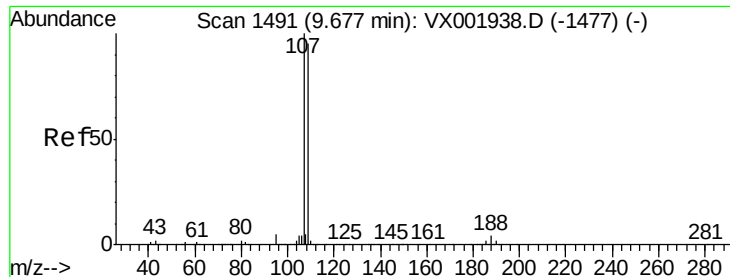
Tot Ion: 43 Resp: 370004
Ion Ratio Lower Upper
43 100
58 49.4 24.9 74.6



#60
Dibromochloromethane
Concen: 15.91 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion: 129 Resp: 53808
Ion Ratio Lower Upper
129 100
127 76.4 38.3 114.9





#61

1,2-Dibromoethane

Concen: 20.16 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

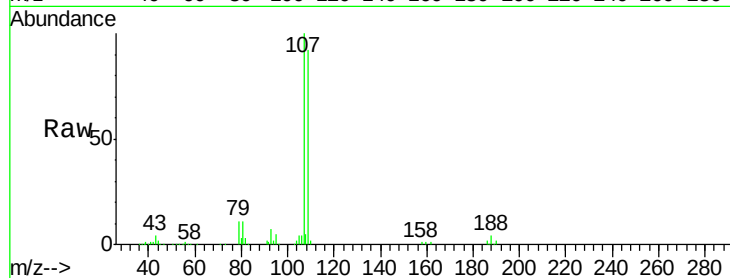
ClientSampleId :

Tot Ion:107 Resp: 60405

Ion Ratio Lower Upper

107 100

109 93.8 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

50000

40000

30000

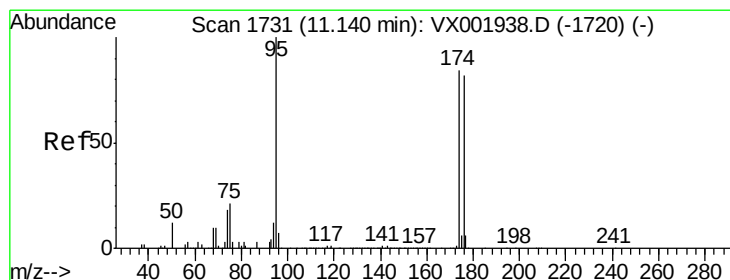
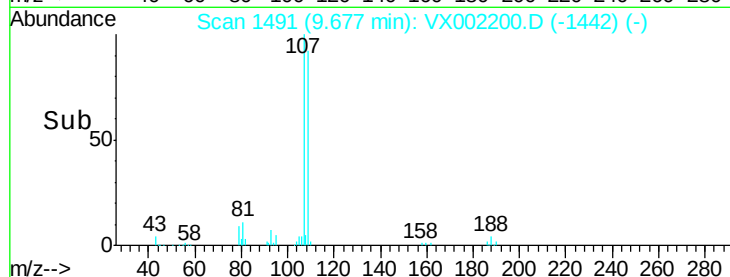
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 41.73 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

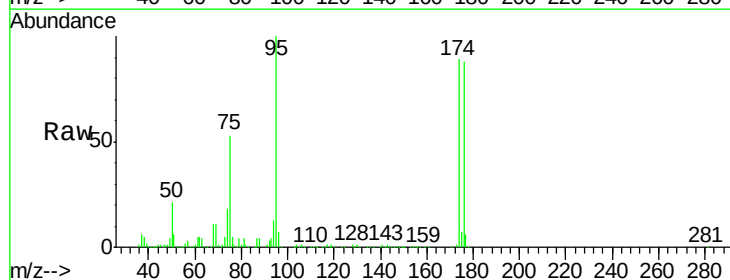
Tgt Ion: 95 Resp: 155777

Ion Ratio Lower Upper

95 100

174 92.9 0.0 178.8

176 91.0 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

150000

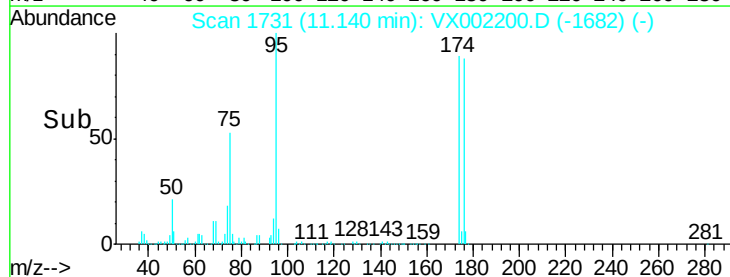
100000

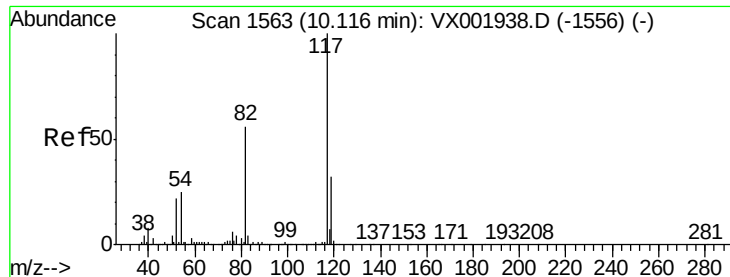
50000

0

Time-->

11.10 11.20

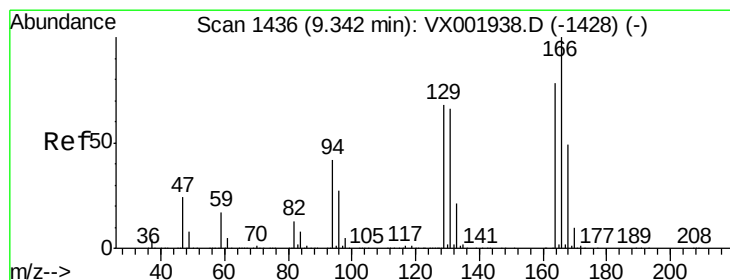
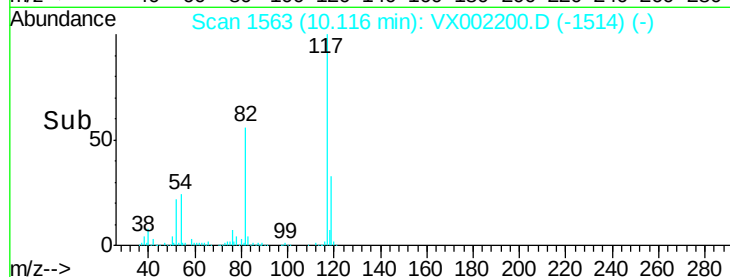
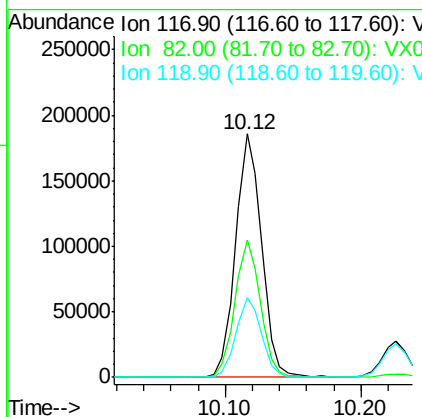
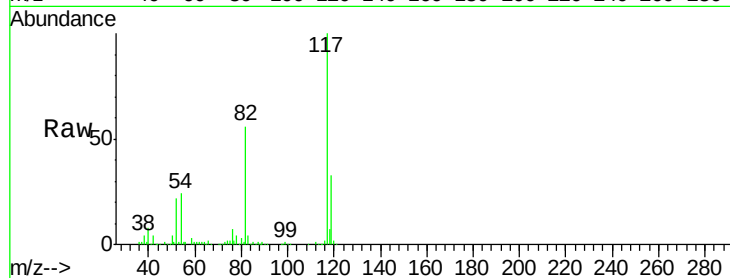




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

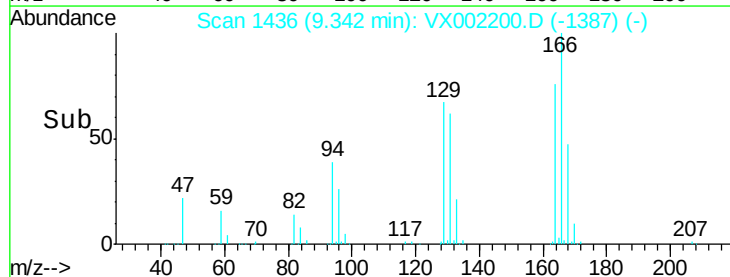
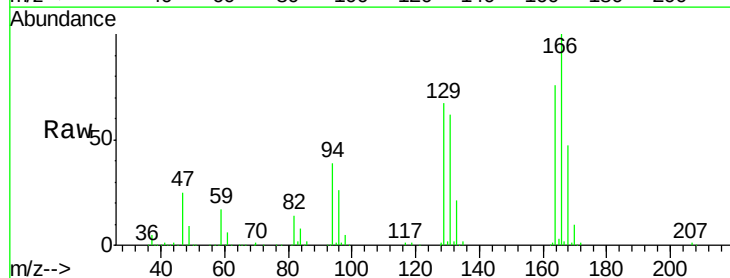
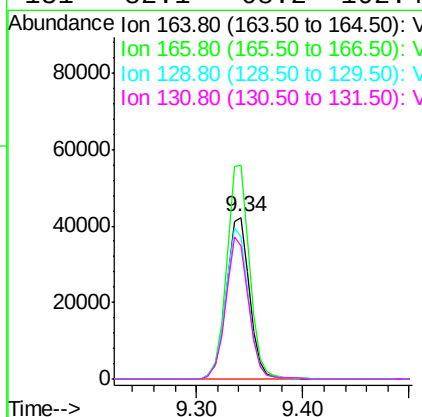
Instrument :
MSVOA_X
ClientSampleId :

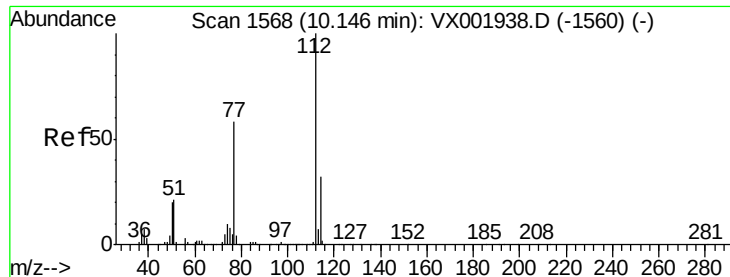
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.8	67.2
119	32.6	25.5	38.3



#64
Tetrachloroethene
Concen: 18.18 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.3	102.7	154.1
129	88.2	70.3	105.5
131	82.1	68.2	102.4

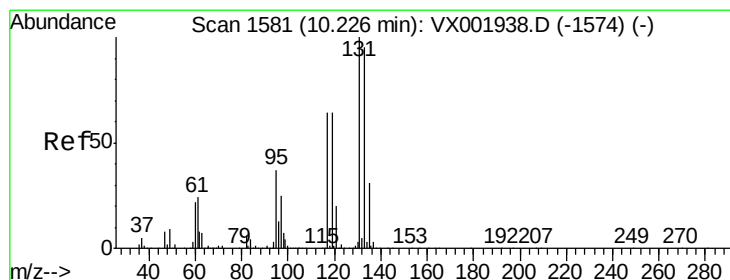
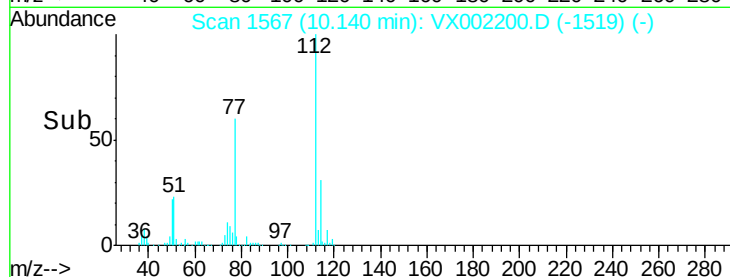
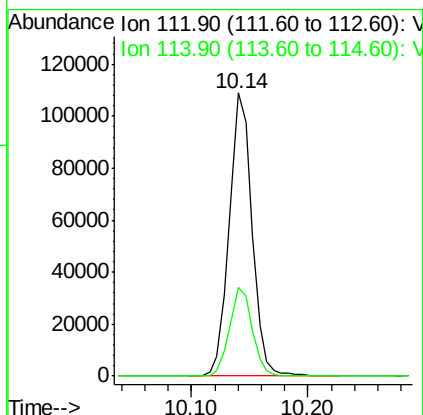
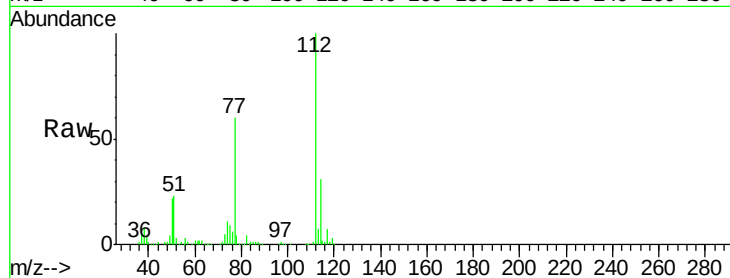




#65
Chlorobenzene
Concen: 19.02 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

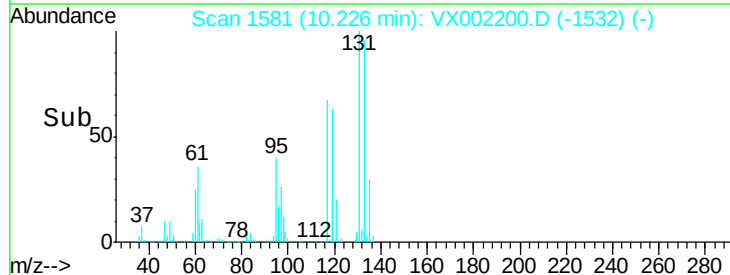
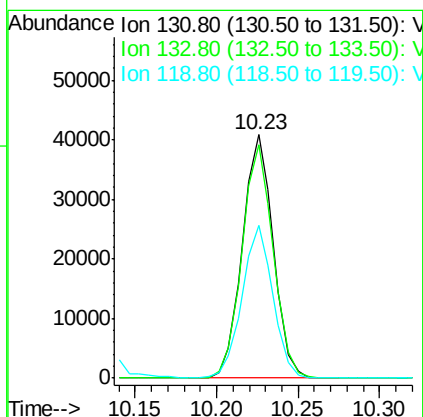
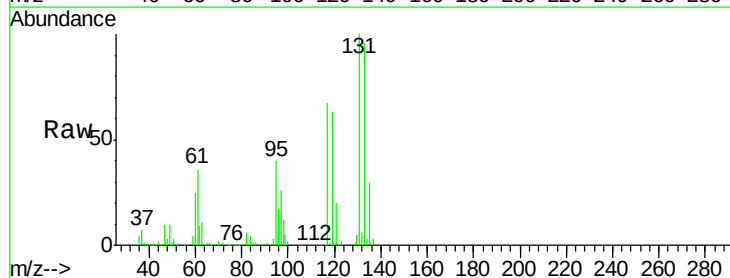
Instrument :
MSVOA_X
ClientSampleId :

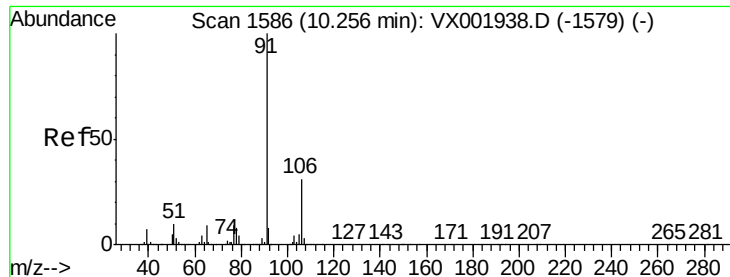
Tot Ion:112 Resp: 149025
Ion Ratio Lower Upper
112 100
114 31.4 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 17.00 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion:131 Resp: 53783
Ion Ratio Lower Upper
131 100
133 96.8 48.0 144.0
119 62.9 31.9 95.5





#67

Ethyl Benzene

Concen: 18.34 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

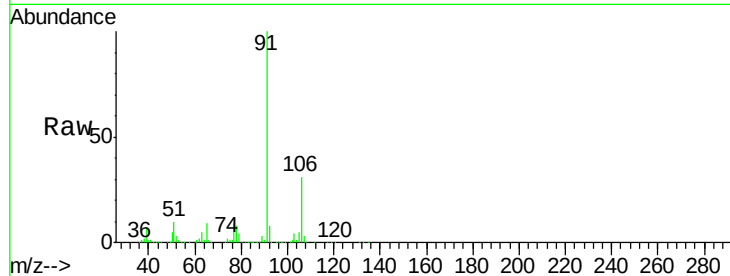
ClientSampled :

Tot Ion: 91 Resp: 249732

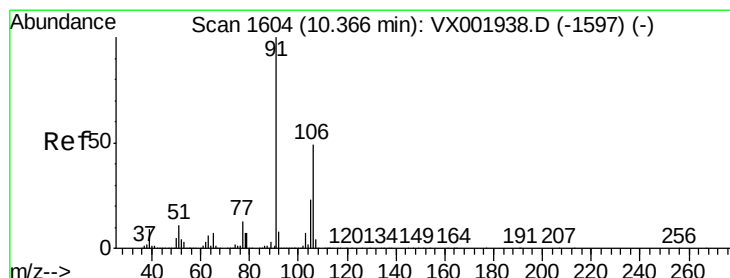
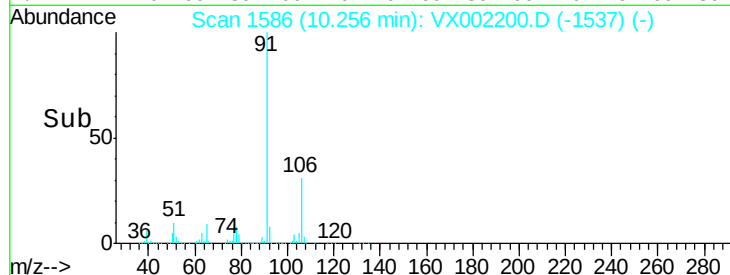
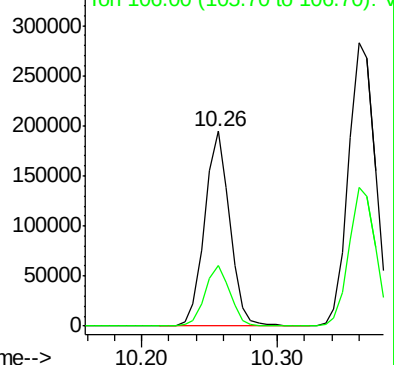
Ion Ratio Lower Upper

91 100

106 31.1 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX001938.D (-1579) (-)



#68

m/p-Xylenes

Concen: 36.61 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002200.D

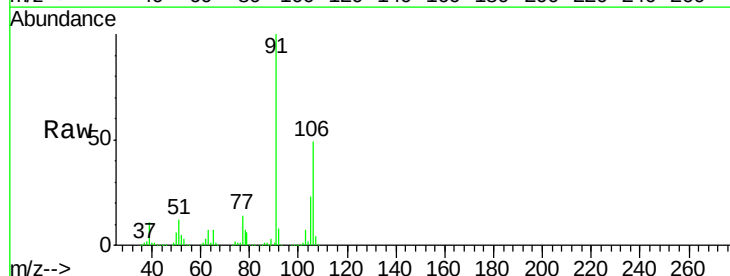
Acq: 01 Jun 2018 04:41

Tgt Ion: 106 Resp: 190505

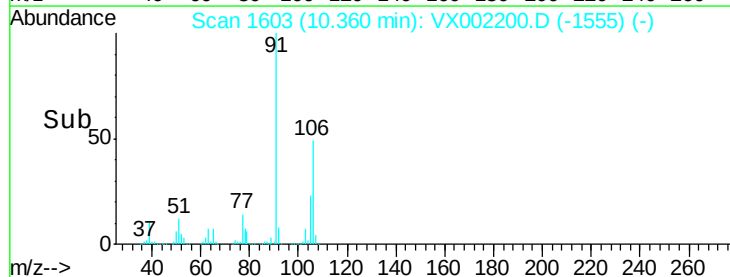
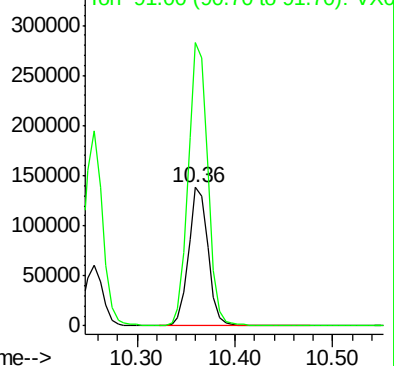
Ion Ratio Lower Upper

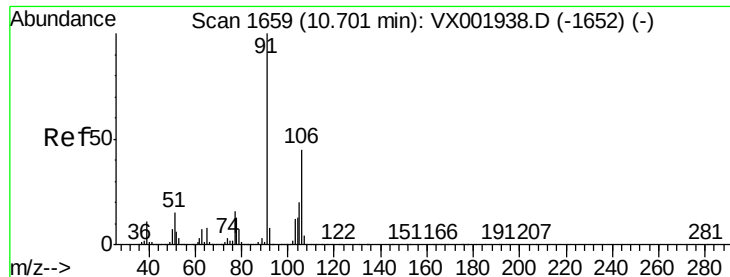
106 100

91 206.4 165.0 247.6



Abundance Ion 106.00 (105.70 to 106.70): VX001938.D (-1597) (-)

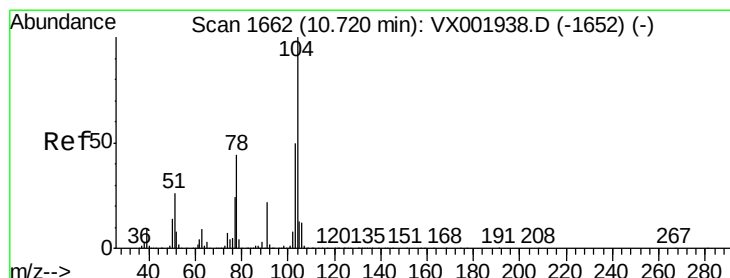
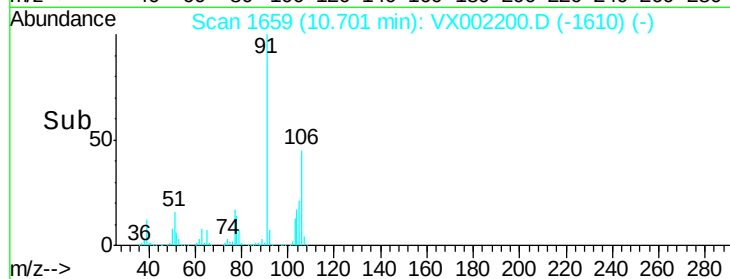
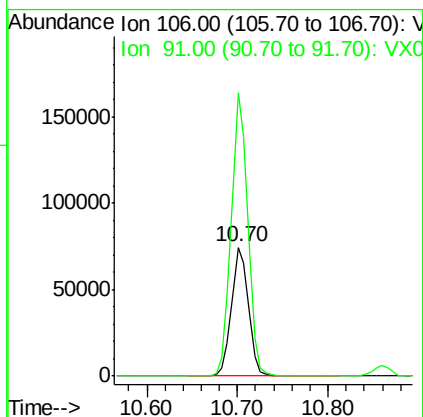
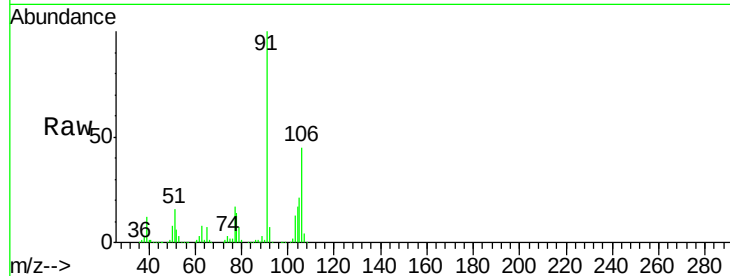




#69
o-Xylene
Concen: 18.64 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

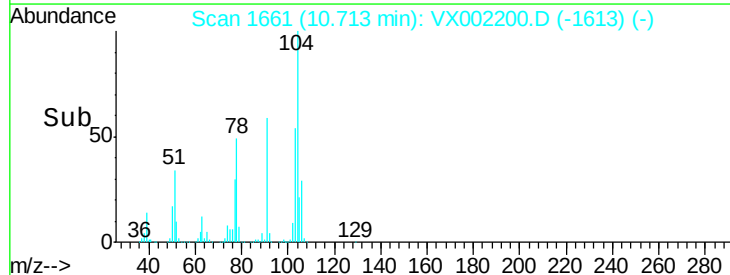
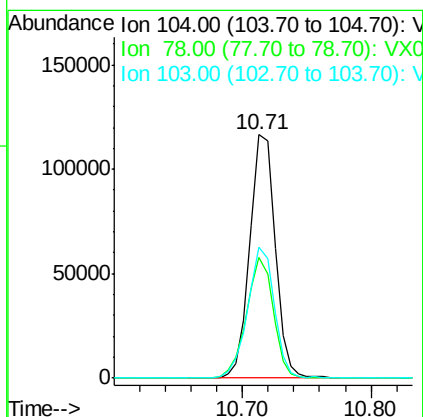
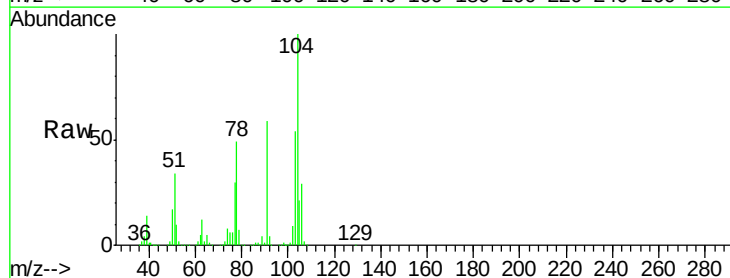
Instrument :
MSVOA_X
ClientSampleId :

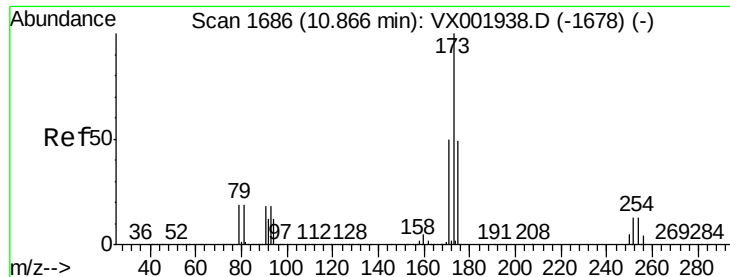
Tot Ion:106 Resp: 96865
Ion Ratio Lower Upper
106 100
91 216.1 108.7 325.9



#70
Styrene
Concen: 18.35 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion:104 Resp: 158093
Ion Ratio Lower Upper
104 100
78 52.7 41.8 62.6
103 56.8 44.6 67.0





#71

Bromoform

Concen: 13.45 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

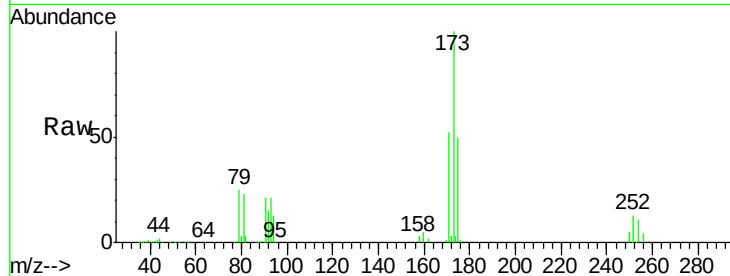
Tot Ion:173 Resp: 40357

Ion Ratio Lower Upper

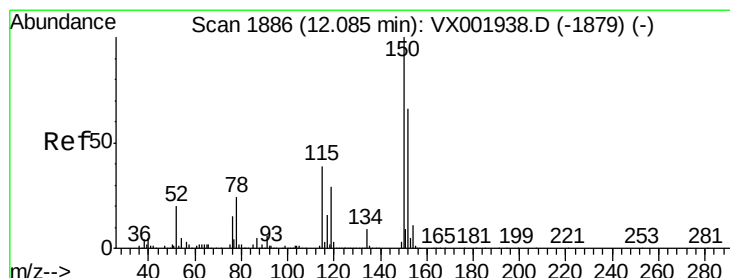
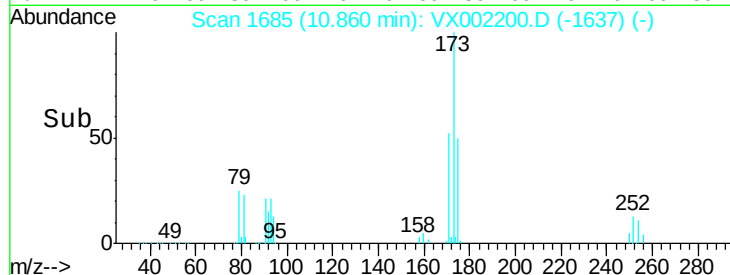
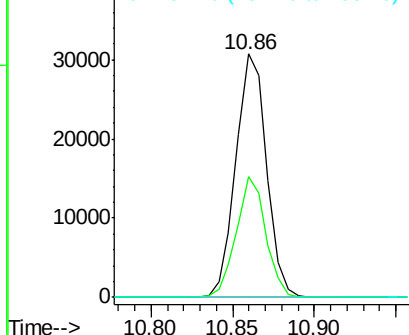
173 100

175 47.8 24.3 72.9

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

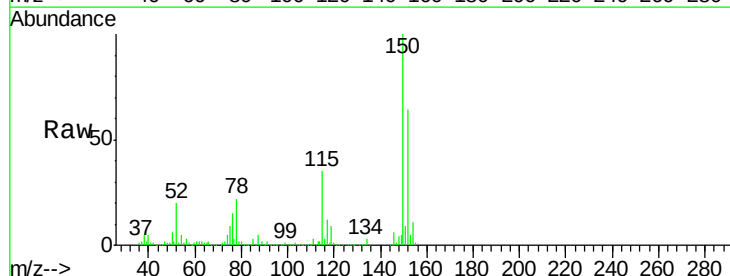
Tgt Ion:152 Resp: 162701

Ion Ratio Lower Upper

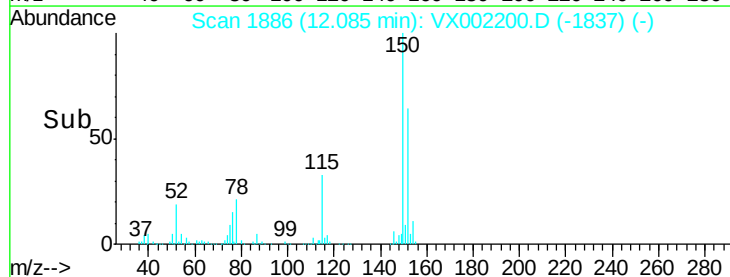
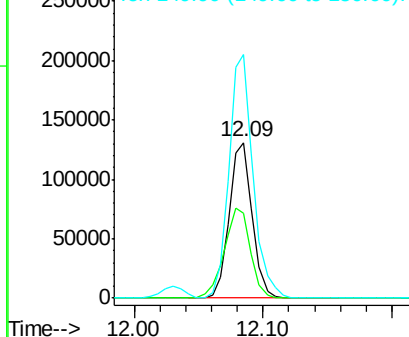
152 100

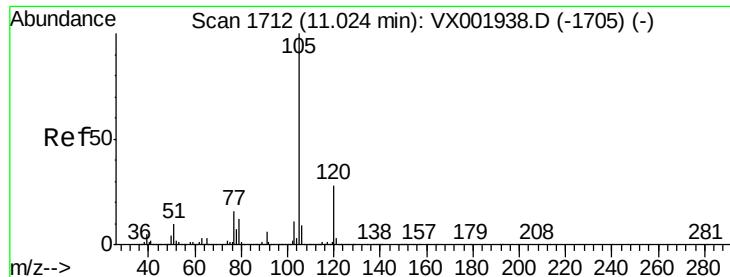
115 66.2 42.3 126.8

150 164.9 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: 18.43 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

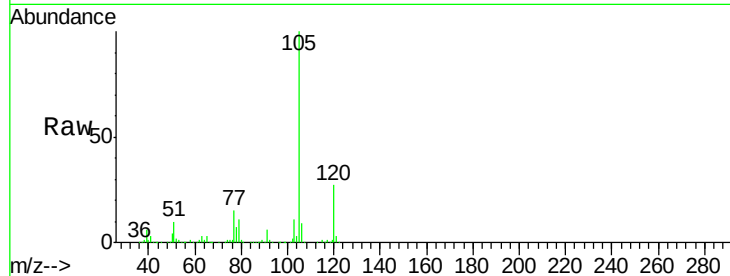
ClientSampleId :

Tot Ion:105 Resp: 253960

Ion Ratio Lower Upper

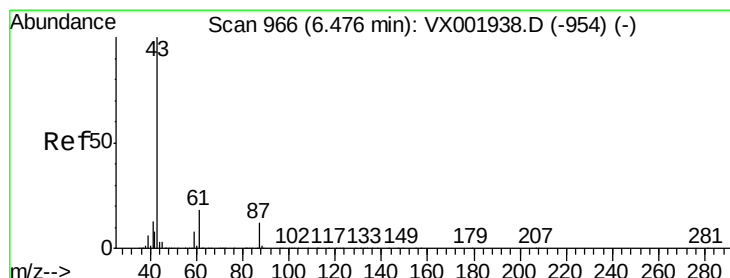
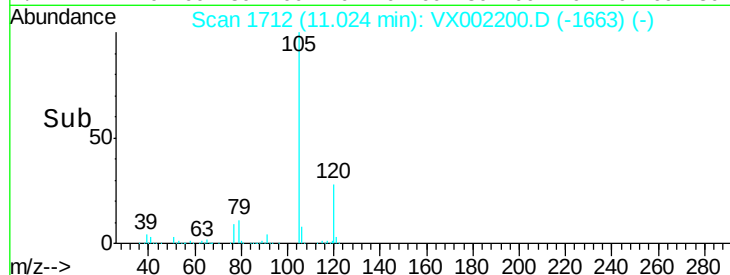
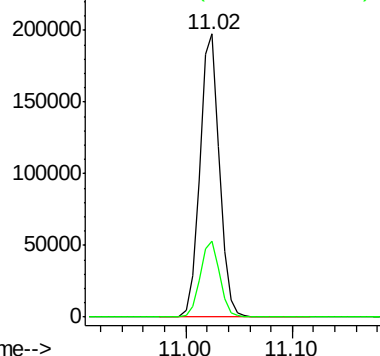
105 100

120 26.9 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: 19.59 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Tgt Ion: 43 Resp: 153723

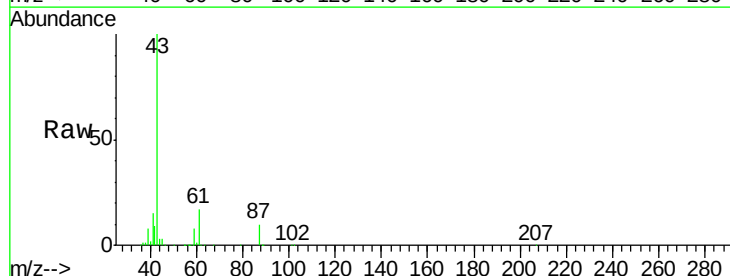
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.0 0.1 0.1#

61 0.0 14.5 21.7#

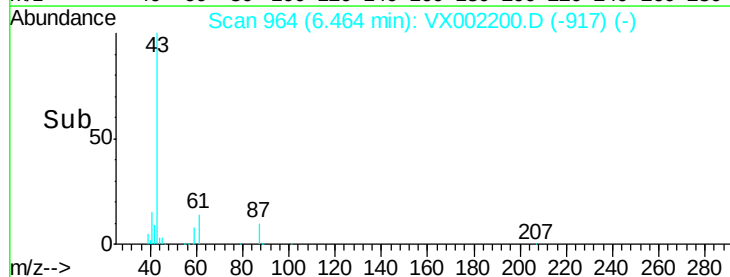
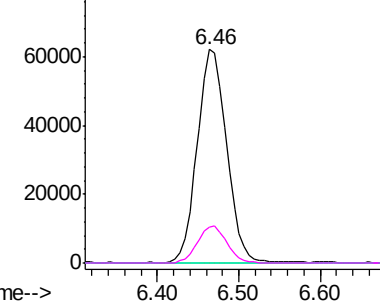


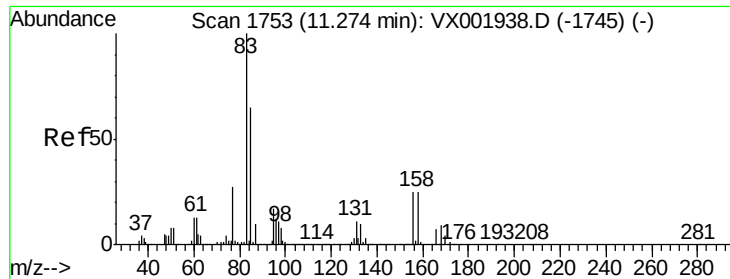
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.66 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

ClientSampled :

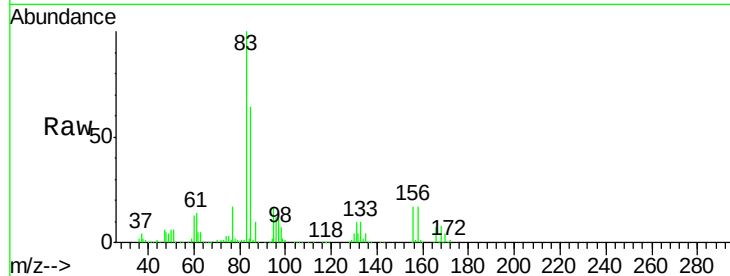
Tot Ion: 83 Resp: 84334

Ion Ratio Lower Upper

83 100

131 10.6 5.7 17.0

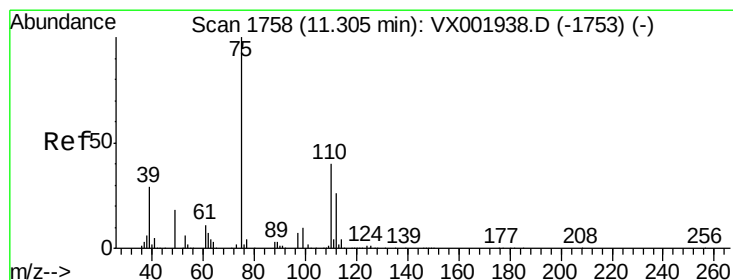
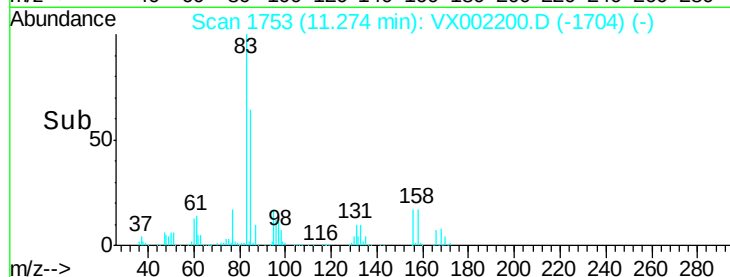
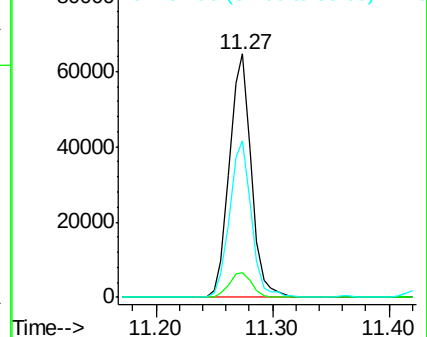
85 63.7 32.6 97.7



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: 25.29 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002200.D

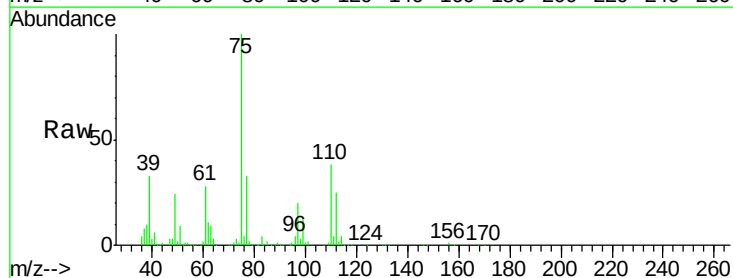
Acq: 01 Jun 2018 04:41

Tgt Ion: 75 Resp: 98834

Ion Ratio Lower Upper

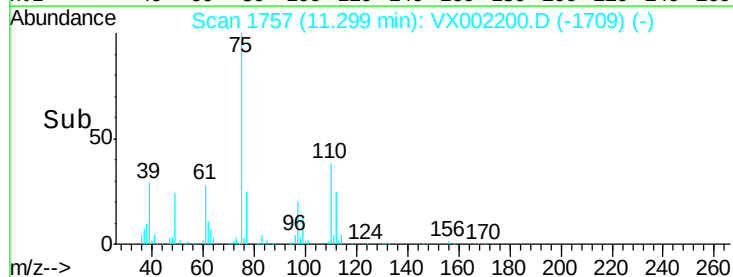
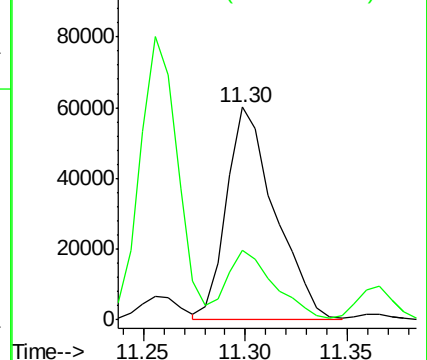
75 100

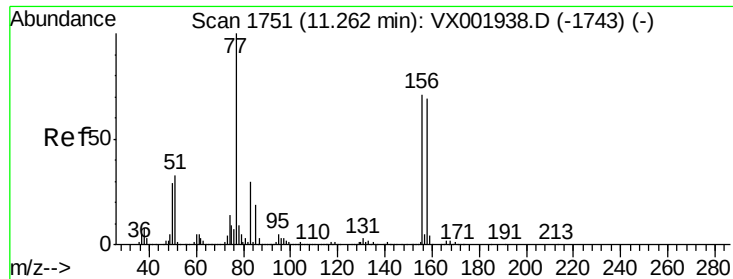
77 32.3 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.38 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

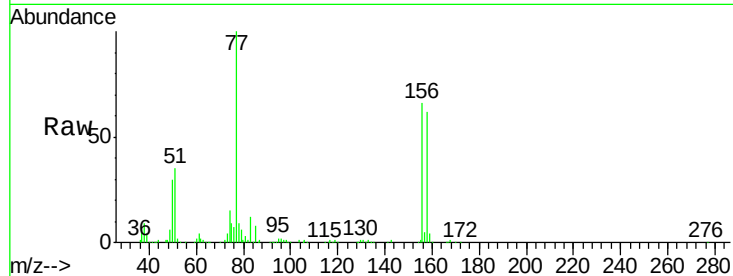
Tot Ion:156 Resp: 70852

Ion Ratio Lower Upper

156 100

77 144.8 75.2 225.6

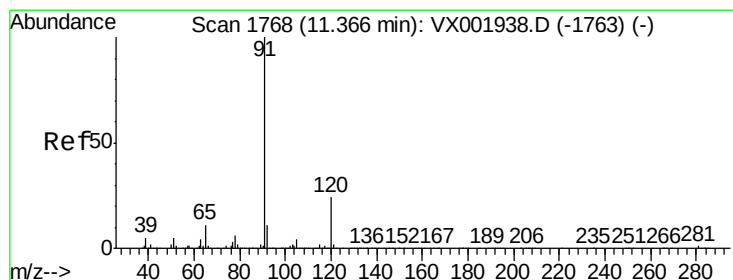
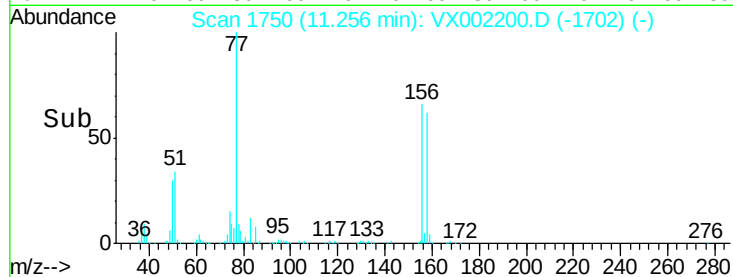
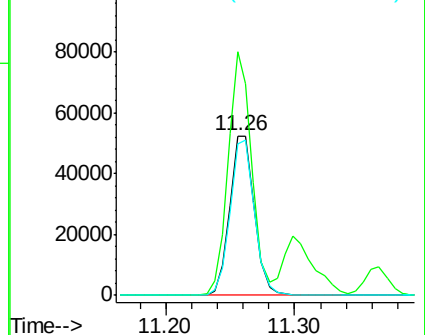
158 96.5 48.6 145.8



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: 18.47 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002200.D

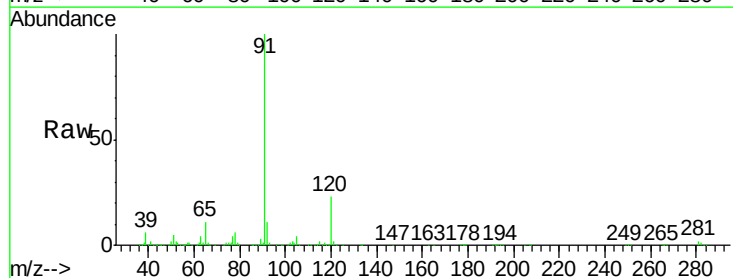
Acq: 01 Jun 2018 04:41

Tgt Ion: 91 Resp: 285034

Ion Ratio Lower Upper

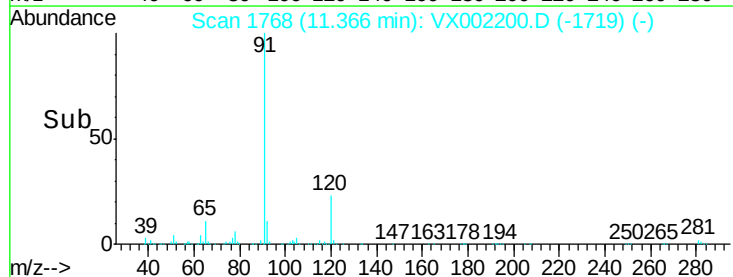
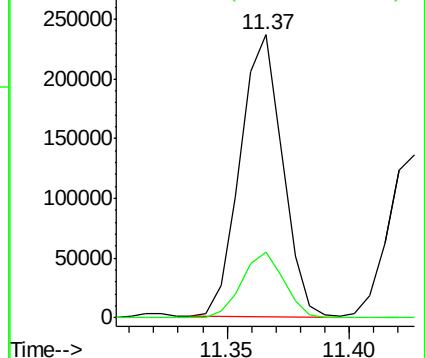
91 100

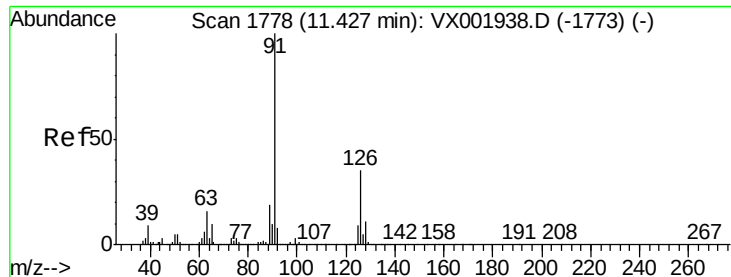
120 23.5 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.08 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

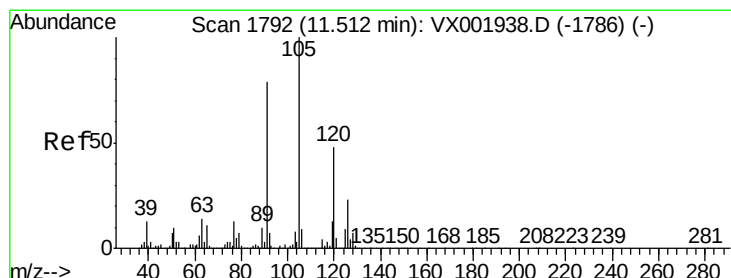
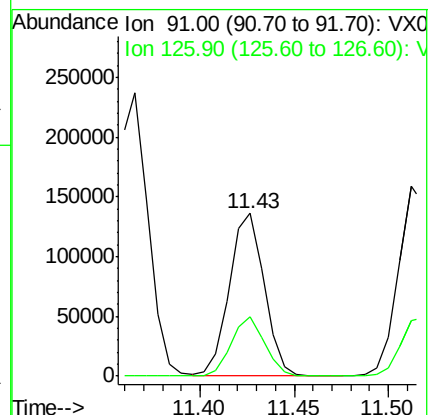
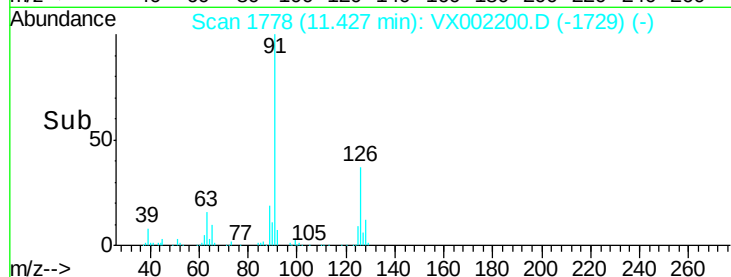
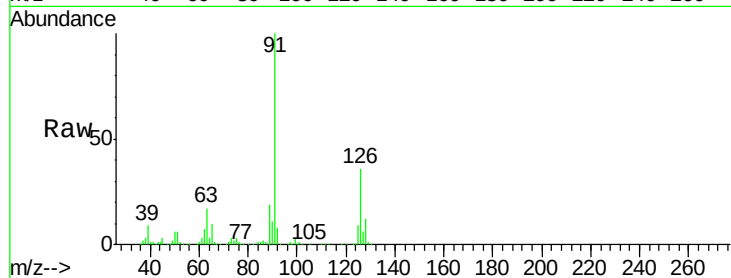
ClientSampled :

Tot Ion: 91 Resp: 173574

Ion Ratio Lower Upper

91 100

126 35.5 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 18.39 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002200.D

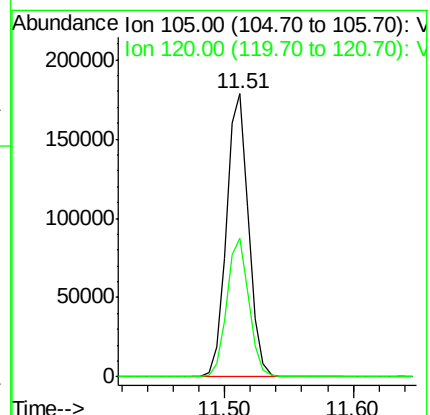
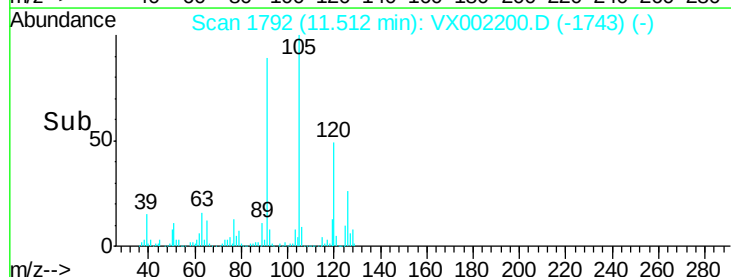
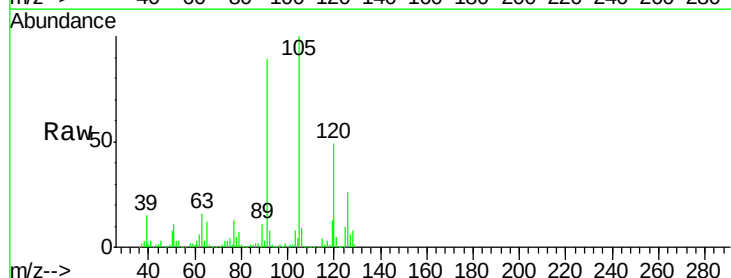
Acq: 01 Jun 2018 04:41

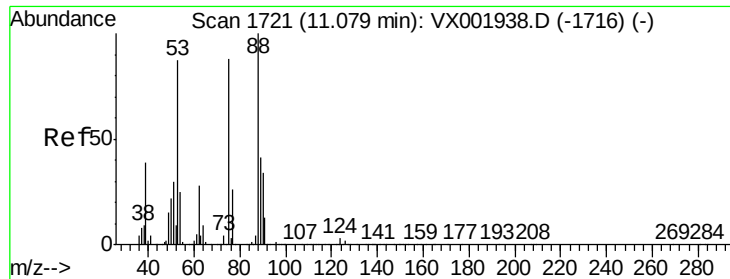
Tgt Ion: 105 Resp: 216493

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.4

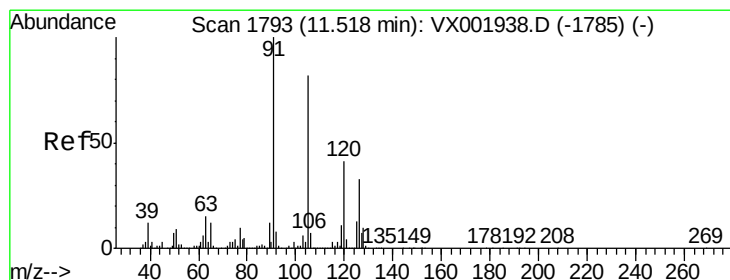
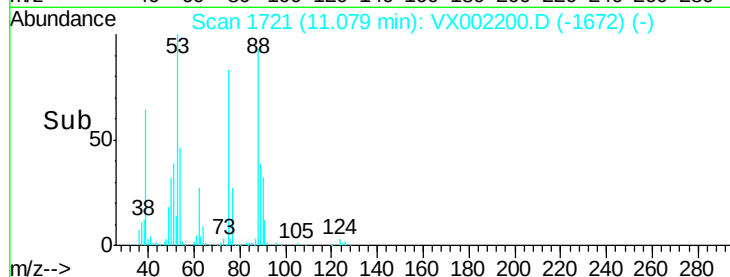
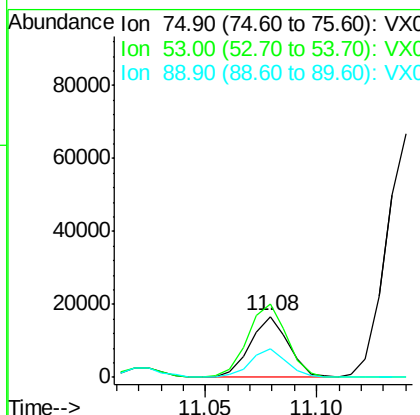
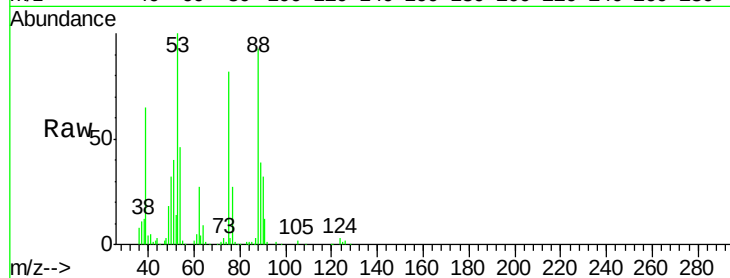




#81
trans-1,4-Dichloro-2-butene
Concen: 11.93 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

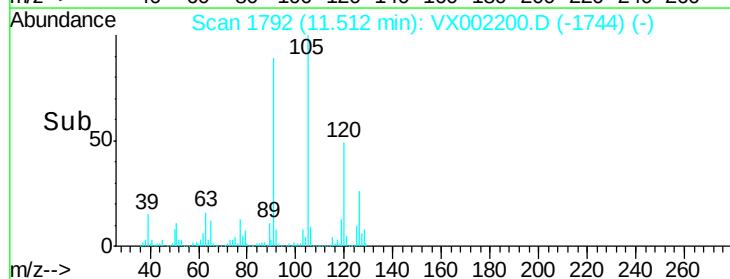
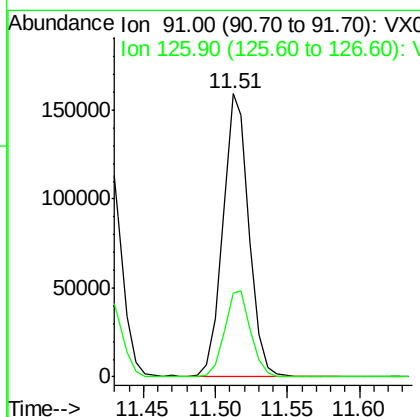
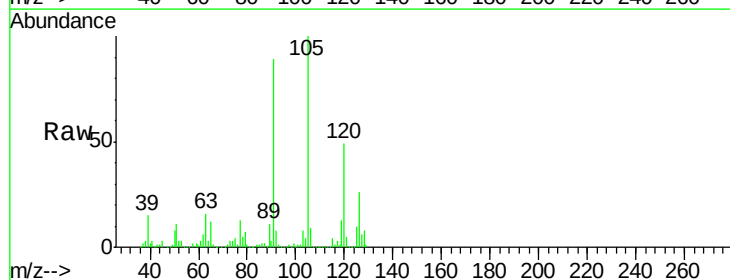
Instrument :
MSVOA_X
ClientSampled :

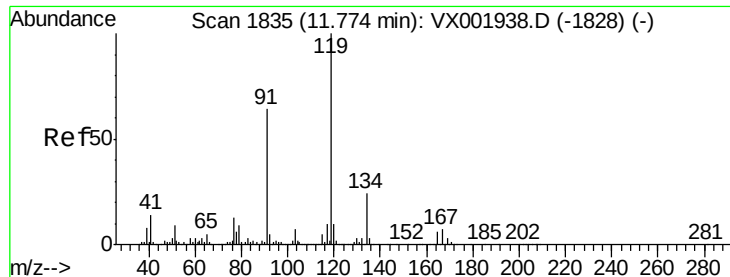
Tot Ion: 75 Resp: 19401
Ion Ratio Lower Upper
75 100
53 128.5 78.0 117.0#
89 46.6 39.4 59.2



#82
4-Chlorotoluene
Concen: 18.52 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion: 91 Resp: 201585
Ion Ratio Lower Upper
91 100
126 30.7 15.3 45.8





#83

tert-Butylbenzene

Concen: 18.03 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

ClientSampled :

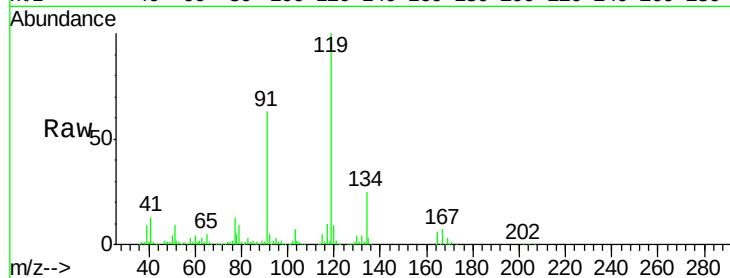
Tot Ion:119 Resp: 208315

Ion Ratio Lower Upper

119 100

91 62.1 30.6 91.8

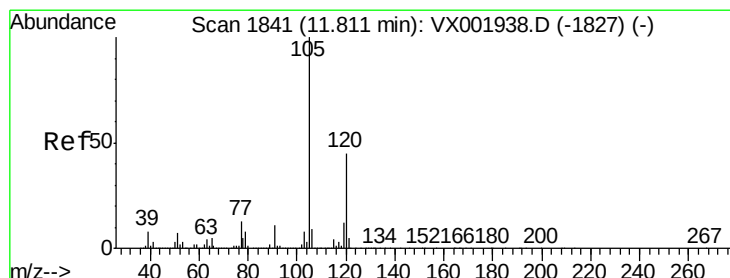
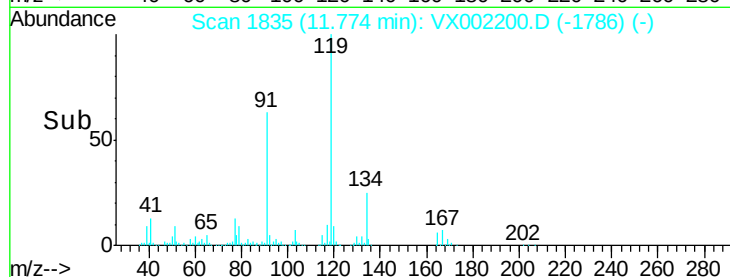
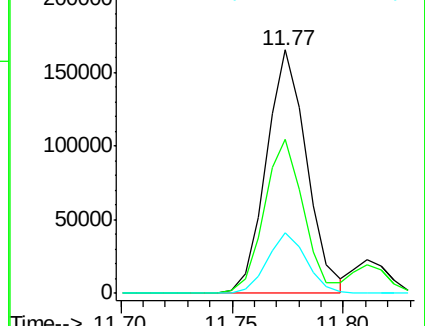
134 24.2 11.7 35.0



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: 18.53 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002200.D

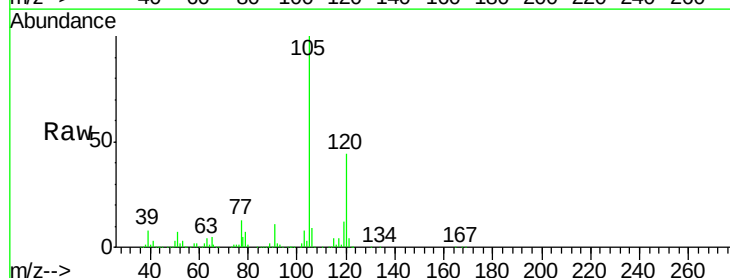
Acq: 01 Jun 2018 04:41

Tgt Ion:105 Resp: 225415

Ion Ratio Lower Upper

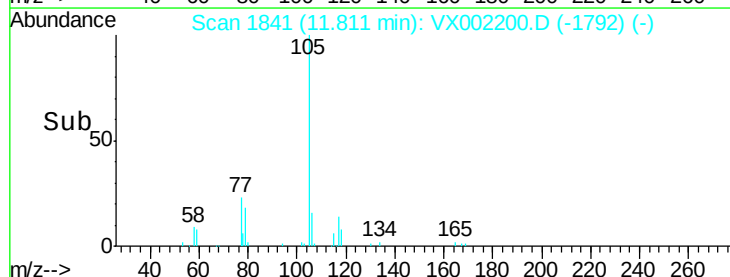
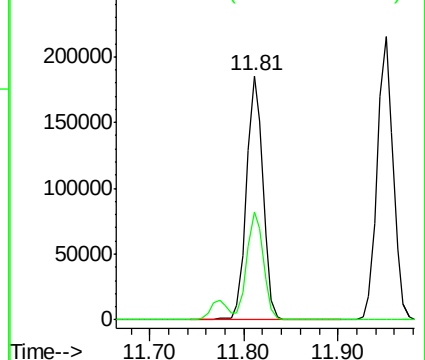
105 100

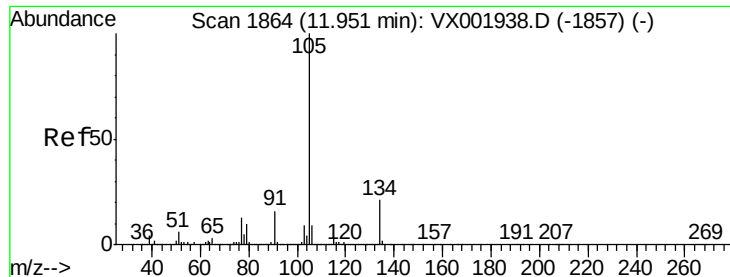
120 43.8 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.21 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

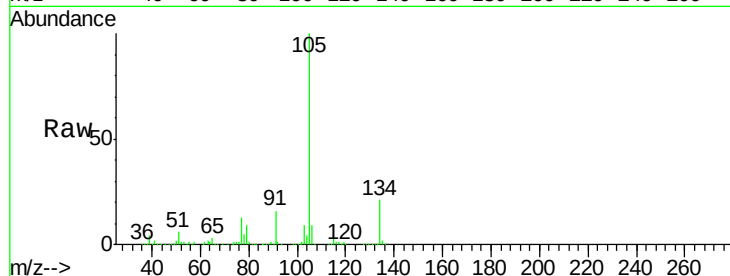
ClientSampleId :

Tot Ion:105 Resp: 252957

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

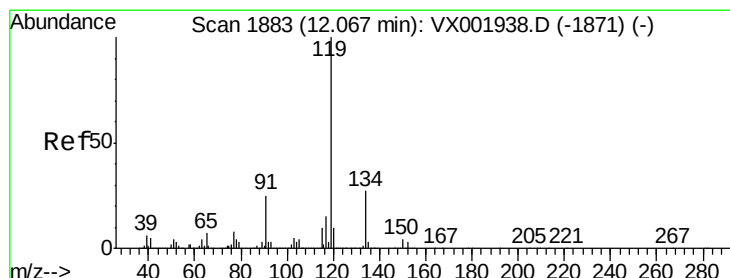
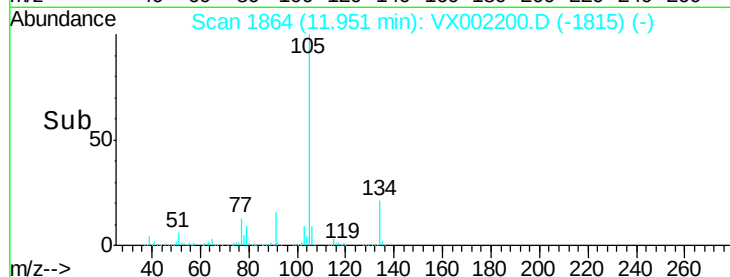
100000

50000

0

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 18.34 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

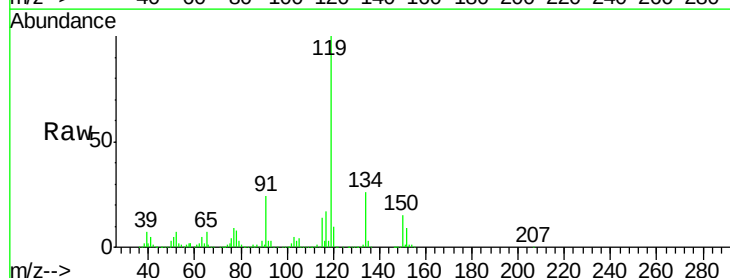
Tgt Ion:119 Resp: 227881

Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.8

91 24.5 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

250000

200000

150000

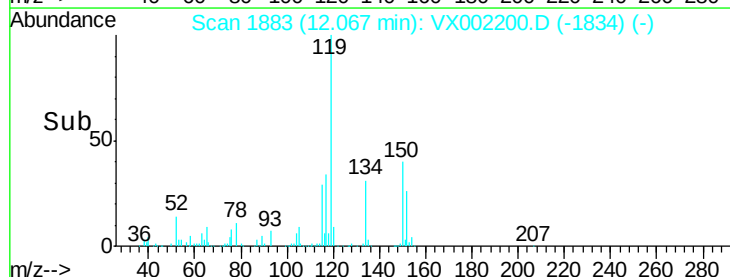
100000

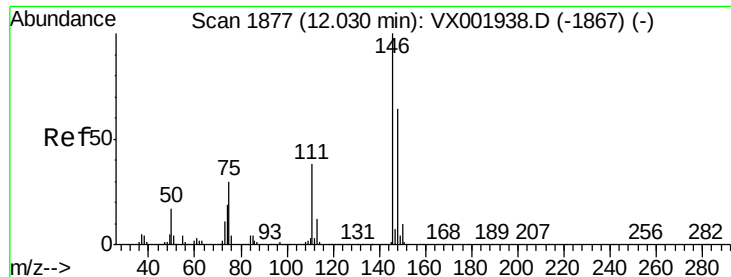
50000

0

12.00 12.05 12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.87 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002200.D

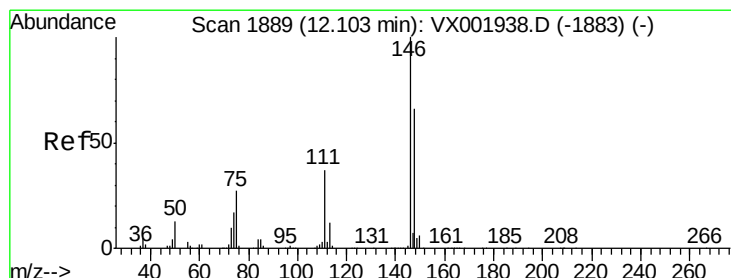
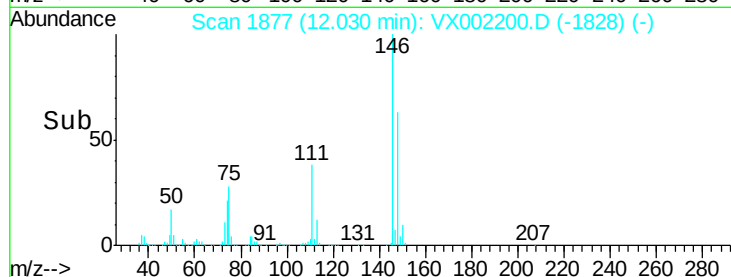
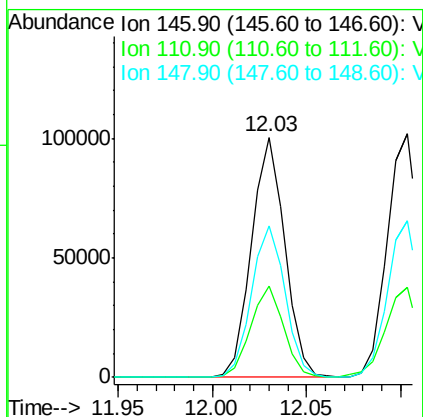
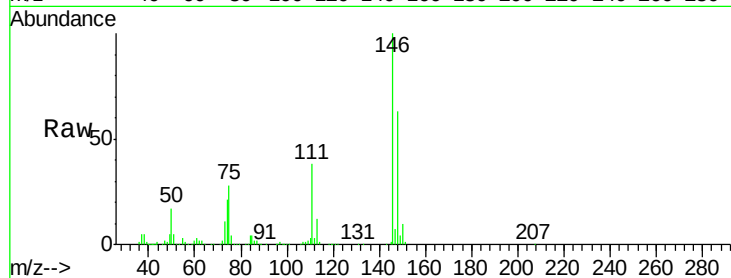
Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:146	Resp:	123537
Ion	Ratio	Lower Upper
146	100	
111	37.5	19.3 57.8
148	63.8	32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 19.40 ug/l

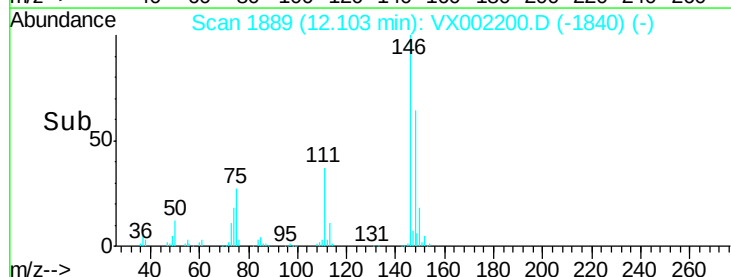
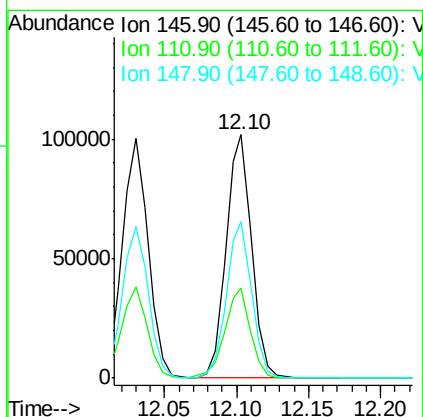
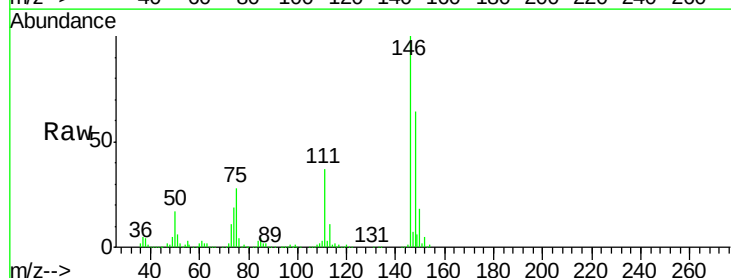
RT: 12.10 min Scan# 1889

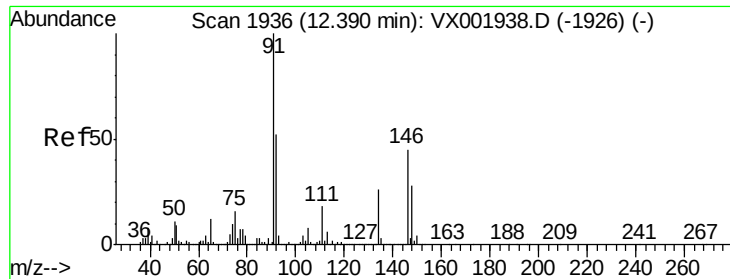
Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Tgt Ion:146	Resp:	126977
Ion	Ratio	Lower Upper
146	100	
111	37.5	18.9 56.5
148	63.8	32.3 96.8





#89

n-Butylbenzene

Concen: 17.98 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

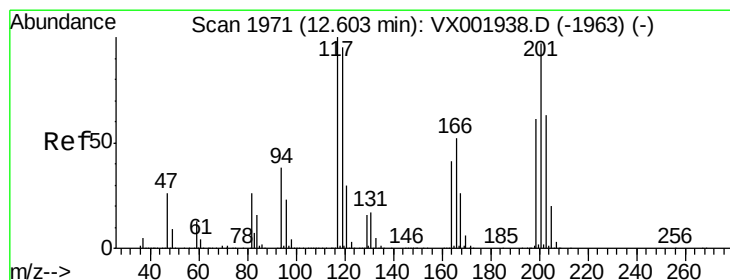
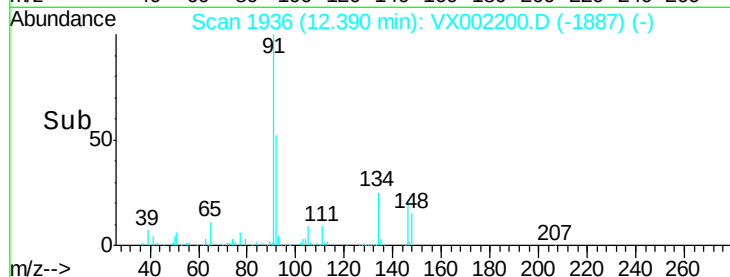
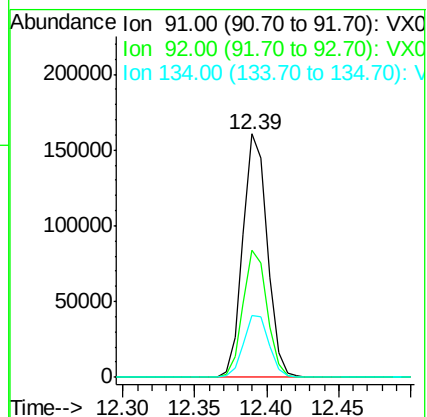
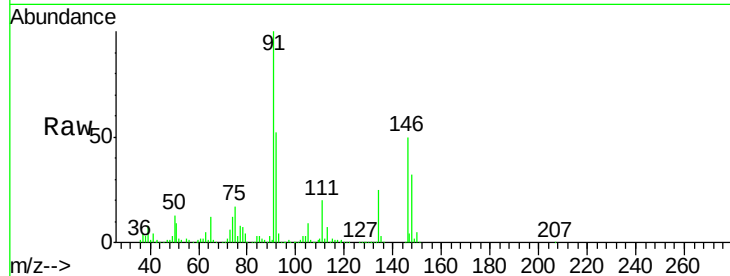
Tot Ion: 91 Resp: 189399

Ion Ratio Lower Upper

91 100

92 51.7 26.3 78.9

134 26.3 13.6 40.7



#90

Hexachloroethane

Concen: 12.65 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002200.D

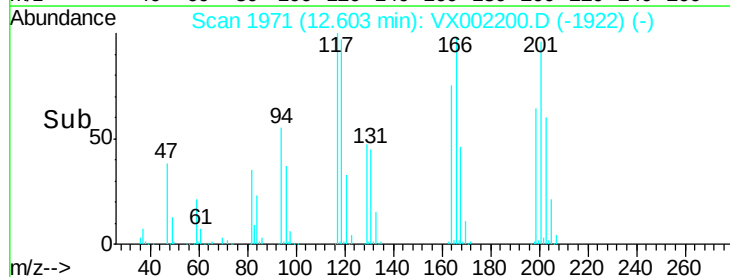
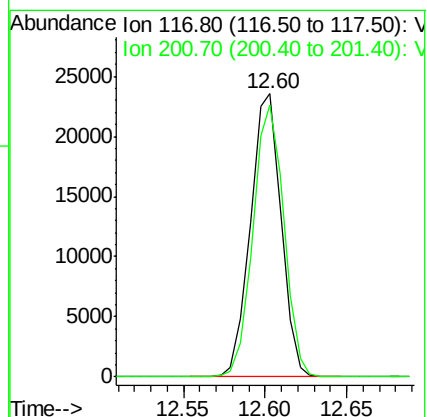
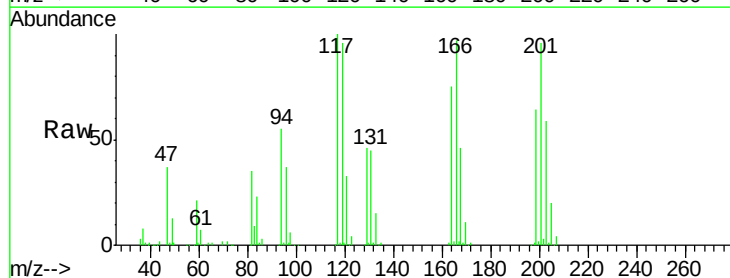
Acq: 01 Jun 2018 04:41

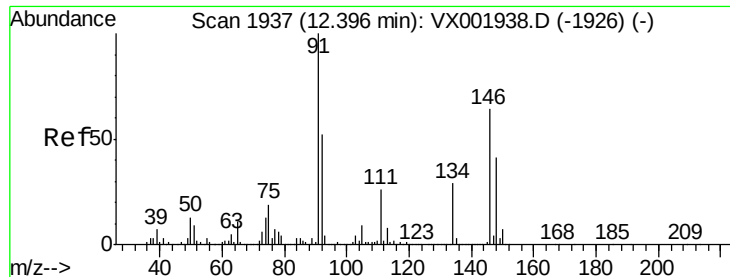
Tgt Ion: 117 Resp: 31014

Ion Ratio Lower Upper

117 100

201 96.0 48.0 144.0





#91

1,2-Dichlorobenzene

Concen: 19.60 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

ClientSampled :

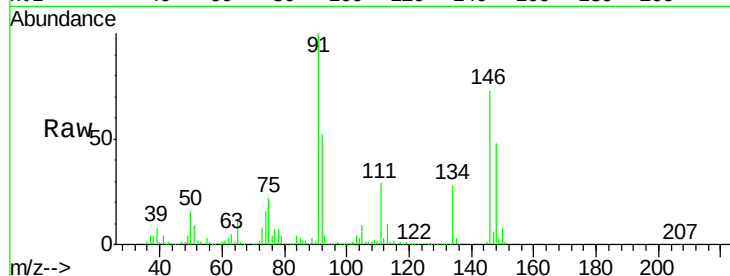
Tot Ion:146 Resp: 130738

Ion Ratio Lower Upper

146 100

111 38.3 19.8 59.3

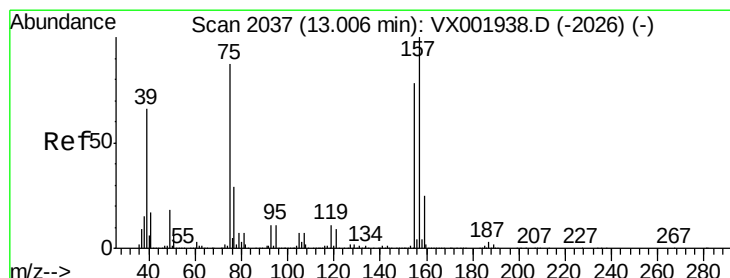
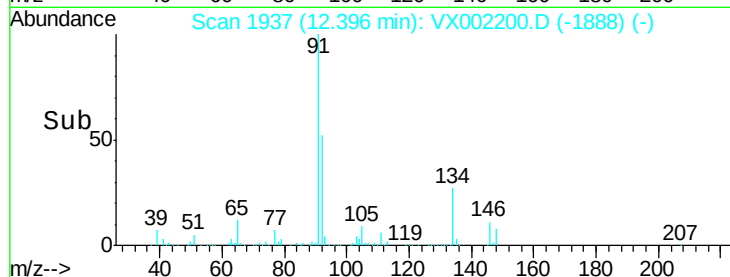
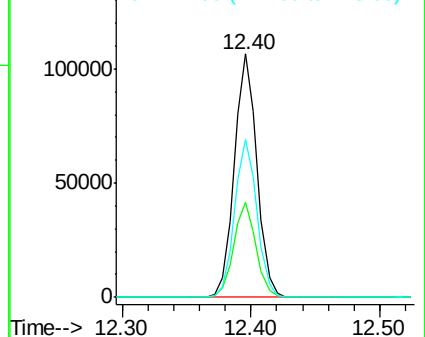
148 64.0 32.1 96.5



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: 14.60 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

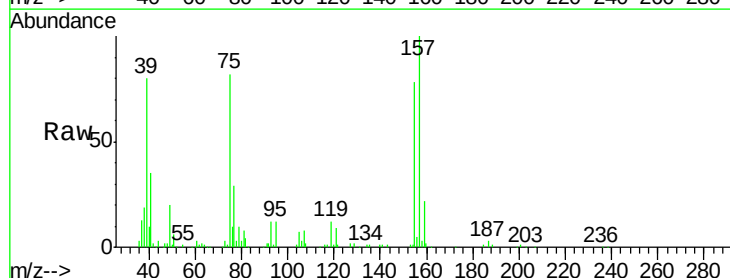
Tgt Ion: 75 Resp: 17888

Ion Ratio Lower Upper

75 100

155 91.5 45.1 135.2

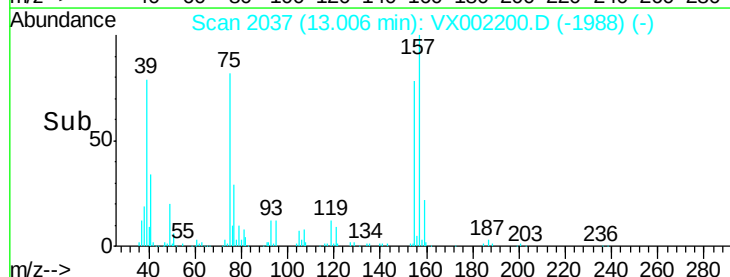
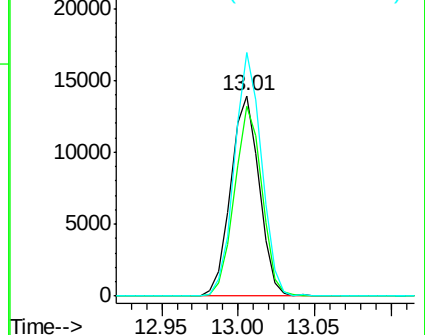
157 116.0 58.1 174.2

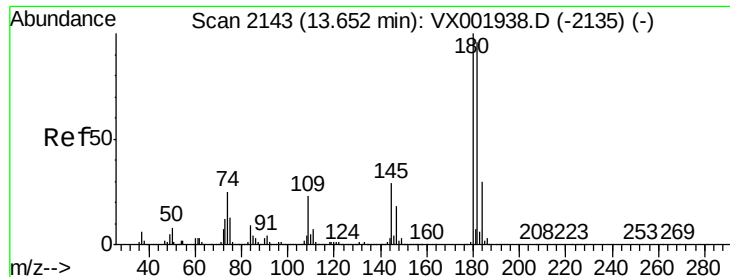


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 19.46 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

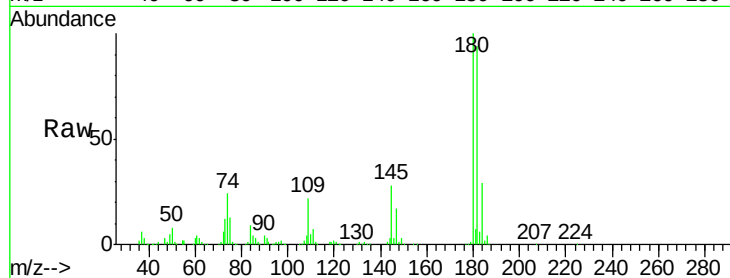
Tot Ion:180 Resp: 92810

Ion Ratio Lower Upper

180 100

182 92.7 47.7 143.1

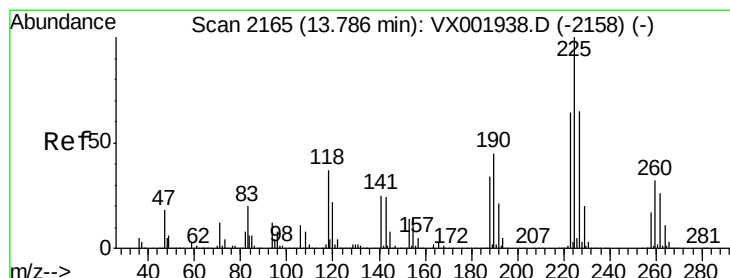
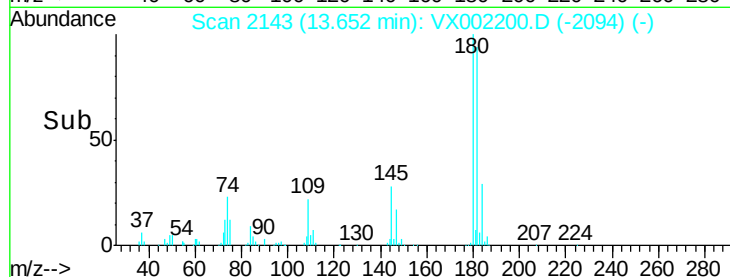
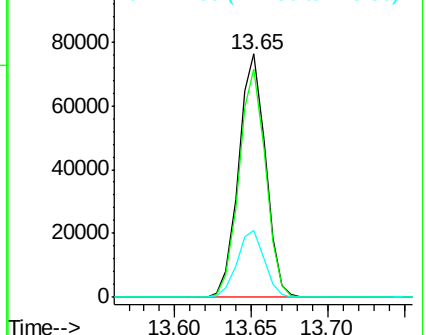
145 27.9 14.4 43.0



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: 17.67 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

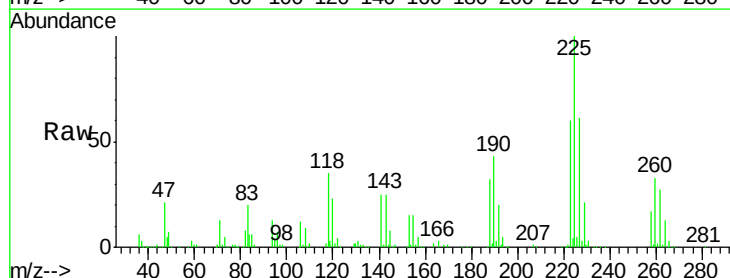
Tgt Ion:225 Resp: 45326

Ion Ratio Lower Upper

225 100

223 63.1 31.1 93.5

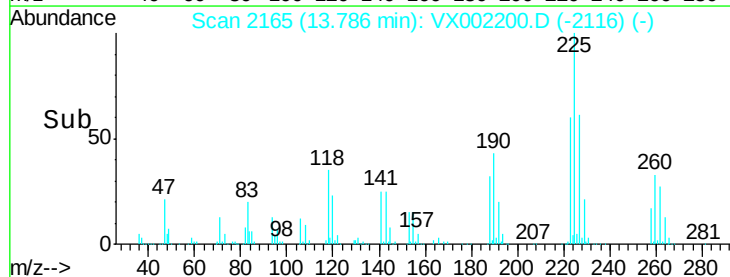
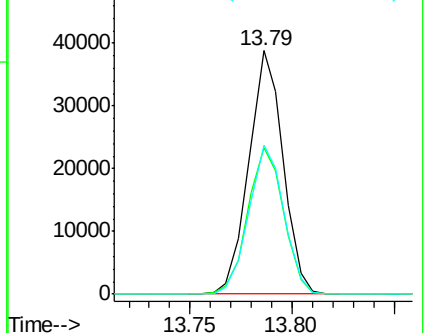
227 62.5 32.1 96.5

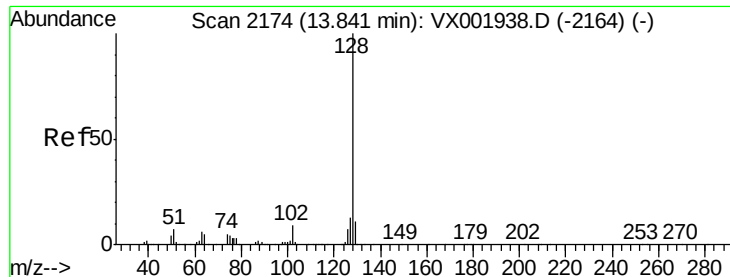


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

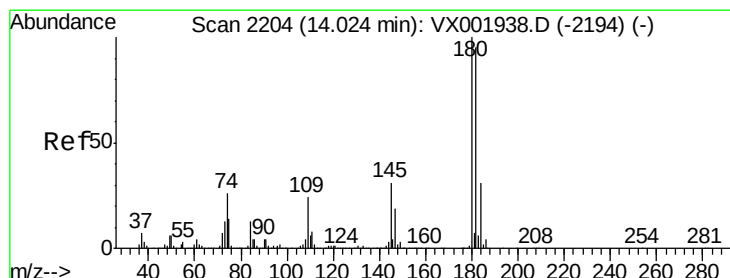
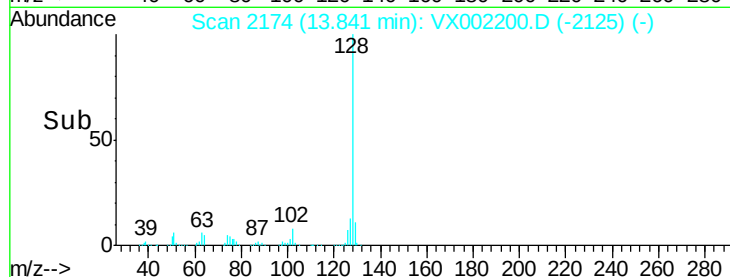
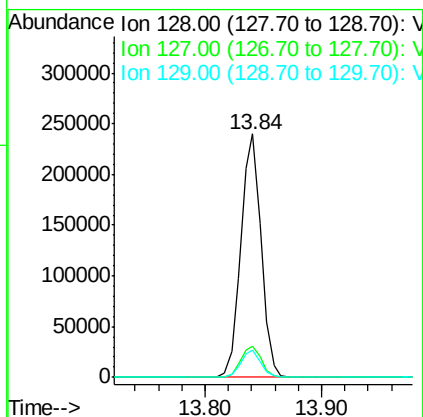
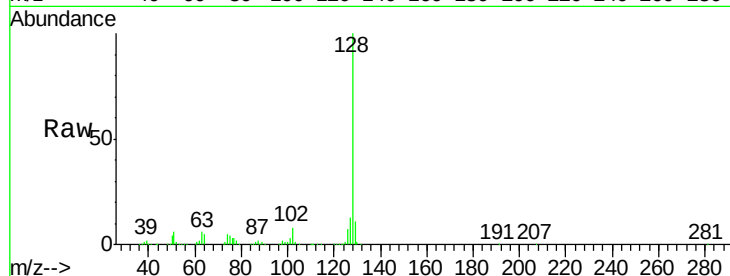




#95
Naphthalene
Concen: 19.87 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 292052
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.92 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion:180 Resp: 98333
Ion Ratio Lower Upper
180 100
182 94.9 47.9 143.6
145 28.8 15.1 45.3

