

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX060218\
 Data File : VX002238.D
 Acq On : 02 Jun 2018 14:43
 Operator : JC/MD
 Sample : VX0603WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBSD01

Quant Time: Jun 04 05:05:14 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	204745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	283978	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	267897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182264	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	170617	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	
35) Dibromofluoromethane	5.51	113	125549	44.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.42%	
50) Toluene-d8	8.72	98	478824	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
62) 4-Bromofluorobenzene	11.14	95	184096	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39574	13.98	ug/l	99
3) Chloromethane	1.32	50	52663	16.72	ug/l	99
4) Vinyl Chloride	1.40	62	54960	18.07	ug/l	99
5) Bromomethane	1.64	94	37629	26.42	ug/l	99
6) Chloroethane	1.72	64	37340	20.82	ug/l	99
7) Trichlorofluoromethane	1.93	101	96774	21.19	ug/l	99
8) Diethyl Ether	2.19	74	39481	23.82	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	56675	22.23	ug/l	98
10) Methyl Iodide	2.51	142	62546	18.14	ug/l	97
11) Tert butyl alcohol	3.08	59	87200	121.38	ug/l	99
12) 1,1-Dichloroethene	2.37	96	48972	20.52	ug/l	96
13) Acrolein	2.29	56	23420	75.40	ug/l	97
14) Allyl chloride	2.73	41	107882	21.54	ug/l	95
15) Acrylonitrile	3.15	53	182234	123.36	ug/l	99
16) Acetone	2.45	43	190512	134.88	ug/l	99
17) Carbon Disulfide	2.57	76	104712	15.25	ug/l	97
18) Methyl Acetate	2.78	43	94758	27.33	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	214285	23.87	ug/l	98
20) Methylene Chloride	2.86	84	63033	24.94	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	53823	22.29	ug/l	98
22) Diisopropyl ether	3.87	45	200337	19.66	ug/l	95
23) Vinyl Acetate	3.83	43	875779	103.66	ug/l	99
24) 1,1-Dichloroethane	3.70	63	114263	23.61	ug/l	100
25) 2-Butanone	4.71	43	254110	98.16	ug/l	100
26) 2,2-Dichloropropane	4.59	77	79539	16.24	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	59531	19.13	ug/l	99
28) Bromochloromethane	5.03	49	50605	23.81	ug/l	99
29) Tetrahydrofuran	5.17	42	161361	95.80	ug/l	99
30) Chloroform	5.22	83	103947	19.06	ug/l	96
31) Cyclohexane	5.58	56	84814	16.82	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	85979	16.91	ug/l	98
36) 1,1-Dichloropropene	5.80	75	71431	18.08	ug/l	99
37) Ethyl Acetate	4.87	43	97103	18.86	ug/l	99
38) Carbon Tetrachloride	5.79	117	73105	15.87	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBSD01

Quant Time: Jun 04 05:05:14 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	87991	18.13	ug/l	97
40) Benzene	6.15	78	224514	19.40	ug/l	99
41) Methacrylonitrile	5.07	41	53881	18.98	ug/l	98
42) 1,2-Dichloroethane	6.20	62	93497	20.23	ug/l	99
43) Isopropyl Acetate	6.47	43	157892	18.40	ug/l	100
44) Trichloroethene	7.21	130	63899	18.95	ug/l	99
45) 1,2-Dichloropropane	7.52	63	61814	19.67	ug/l	98
46) Dibromomethane	7.67	93	41656	20.02	ug/l	100
47) Bromodichloromethane	7.90	83	72937	16.44	ug/l	97
48) Methyl methacrylate	7.78	41	81295	18.62	ug/l	98
49) 1,4-Dioxane	7.76	88	32641	424.15	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	514296	99.43	ug/l	100
52) Toluene	8.79	92	145421	19.75	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	88851	17.39	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	83919	16.85	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	63500	20.64	ug/l	97
56) Ethyl methacrylate	9.18	69	94818	17.92	ug/l	98
57) 1,3-Dichloropropane	9.38	76	102679	20.26	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	211011	89.96	ug/l	99
59) 2-Hexanone	9.50	43	398798	99.99	ug/l	99
60) Dibromochloromethane	9.59	129	57998	15.92	ug/l	99
61) 1,2-Dibromoethane	9.68	107	63648	19.72	ug/l	99
64) Tetrachloroethene	9.34	164	73069	19.02	ug/l	97
65) Chlorobenzene	10.14	112	165673	19.52	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	60172	17.56	ug/l	98
67) Ethyl Benzene	10.26	91	284210	19.27	ug/l	99
68) m/p-Xylenes	10.37	106	217751	38.63	ug/l	100
69) o-Xylene	10.70	106	108574	19.29	ug/l	100
70) Styrene	10.72	104	178331	19.10	ug/l	99
71) Bromoform	10.86	173	43437	13.37	ug/l #	100
73) Isopropylbenzene	11.02	105	293527	19.02	ug/l	99
74) N-amyl acetate	6.47	43	157892	17.68	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	89851	20.54	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	108452	24.77	ug/l	80
77) Bromobenzene	11.26	156	80684	19.70	ug/l	96
78) n-propylbenzene	11.37	91	330654	19.13	ug/l	100
79) 2-Chlorotoluene	11.43	91	201747	19.89	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	249877	18.94	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	23197	12.73	ug/l #	81
82) 4-Chlorotoluene	11.52	91	233752	19.17	ug/l	100
83) tert-Butylbenzene	11.77	119	239757	18.52	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	257843	18.92	ug/l	100
85) sec-Butylbenzene	11.95	105	297689	19.13	ug/l	99
86) p-Isopropyltoluene	12.07	119	271255	19.48	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	144944	19.76	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	147020	20.05	ug/l	100
89) n-Butylbenzene	12.39	91	229280	19.43	ug/l	98
90) Hexachloroethane	12.60	117	36359	13.24	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	148913	19.93	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19731	14.38	ug/l	99

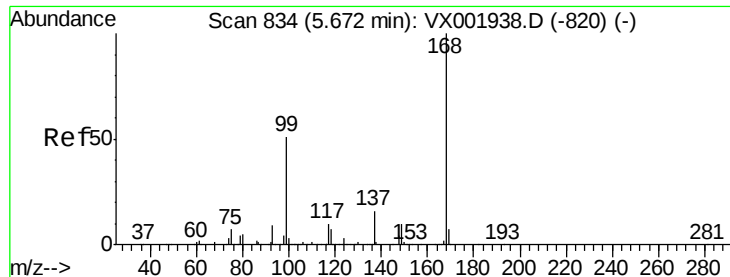
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX060218\
Data File : VX002238.D
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ClientSampleId :
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Quant Time: Jun 04 05:05:14 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	108482	20.30	ug/l	99
94) Hexachlorobutadiene	13.79	225	57962	20.17	ug/l	97
95) Naphthalene	13.84	128	319217	19.39	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112541	20.36	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

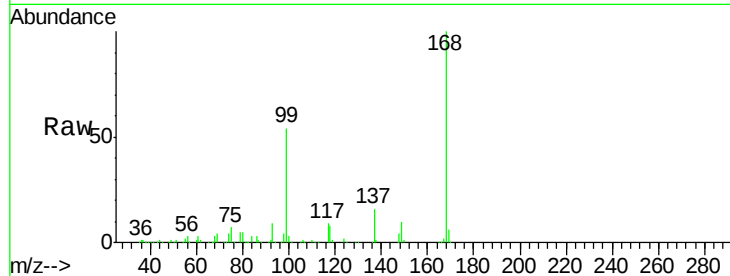
VX0602WBSD01

Tot Ion:168 Resp: 204745

Ion Ratio Lower Upper

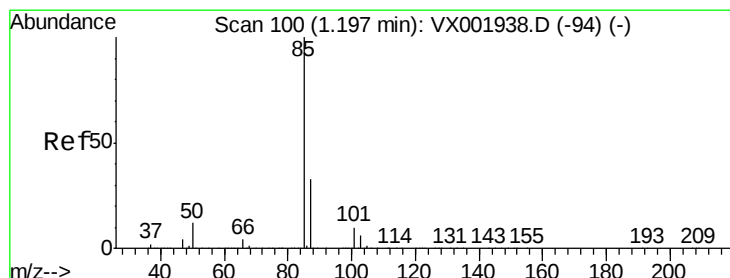
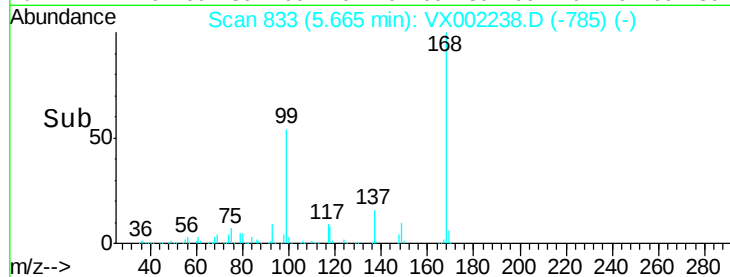
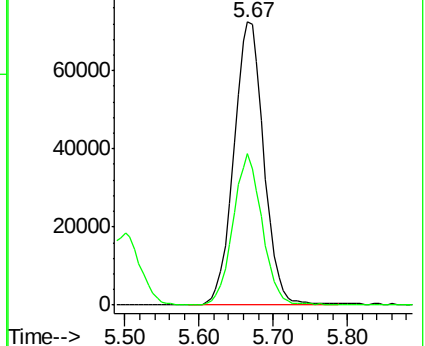
168 100

99 53.6 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: 13.98 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002238.D

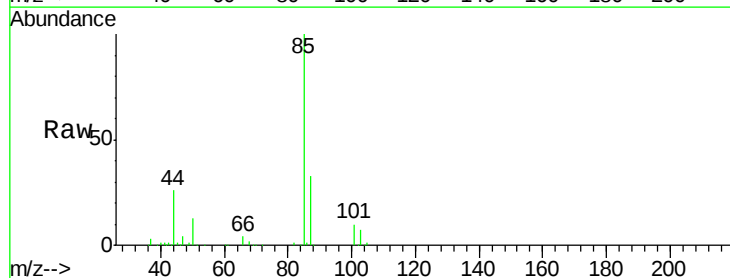
Acq: 02 Jun 2018 14:43

Tgt Ion: 85 Resp: 39574

Ion Ratio Lower Upper

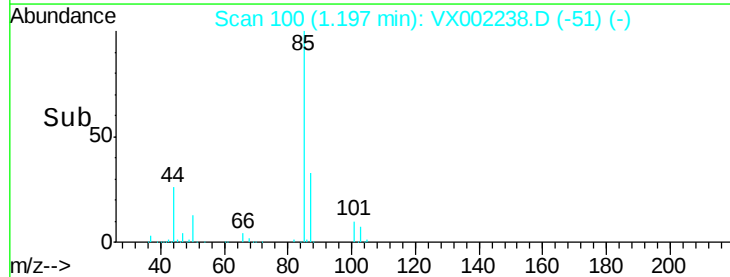
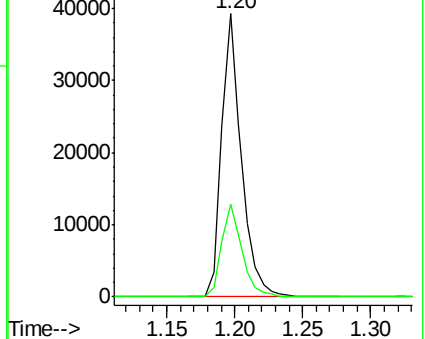
85 100

87 32.6 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: 16.72 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

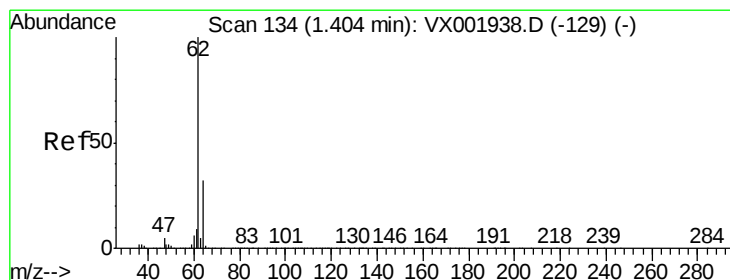
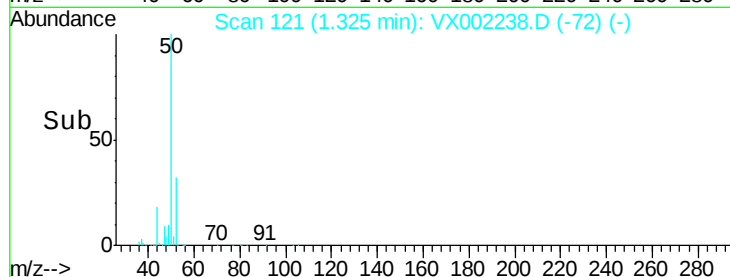
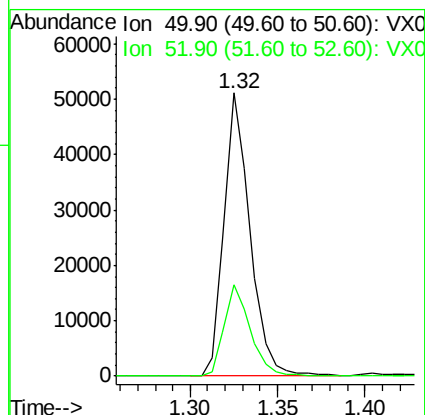
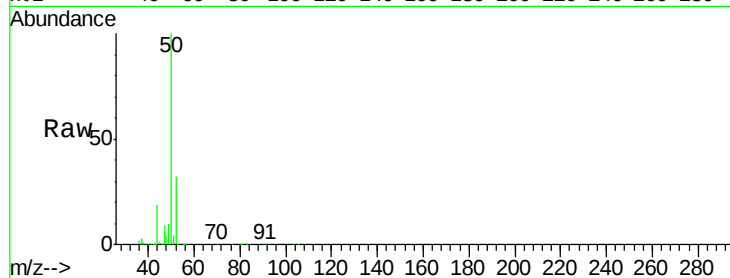
VX0602WBSD01

Tot Ion: 50 Resp: 52663

Ion Ratio Lower Upper

50 100

52 32.2 26.0 39.0



#4

Vinyl Chloride

Concen: 18.07 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002238.D

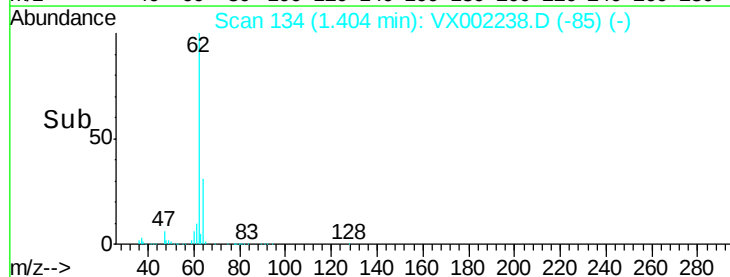
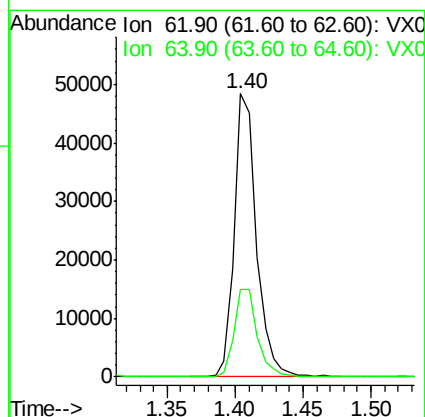
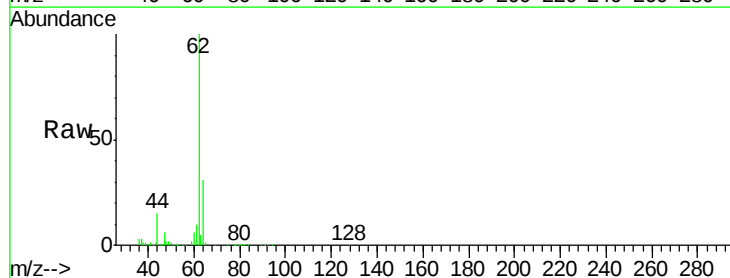
Acq: 02 Jun 2018 14:43

Tgt Ion: 62 Resp: 54960

Ion Ratio Lower Upper

62 100

64 31.1 25.4 38.0





#5

Bromomethane

Concen: 26.42 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

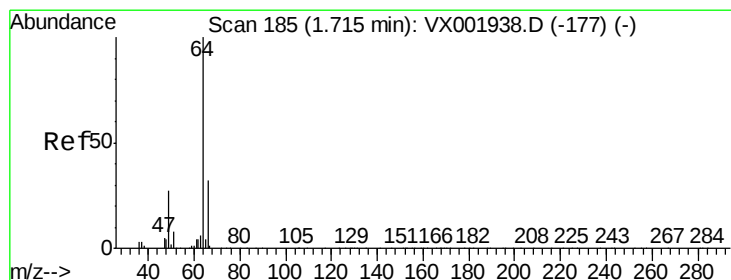
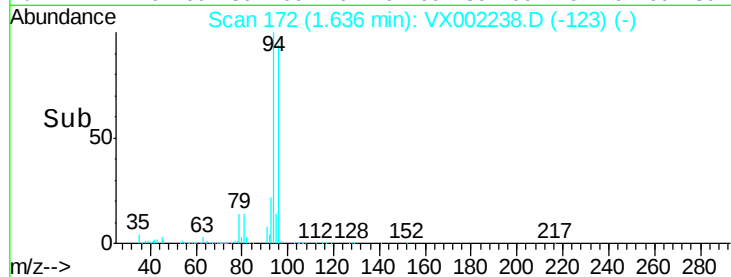
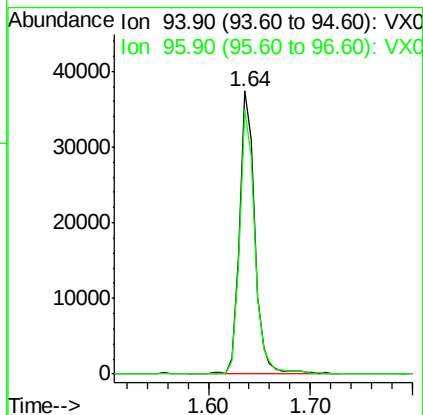
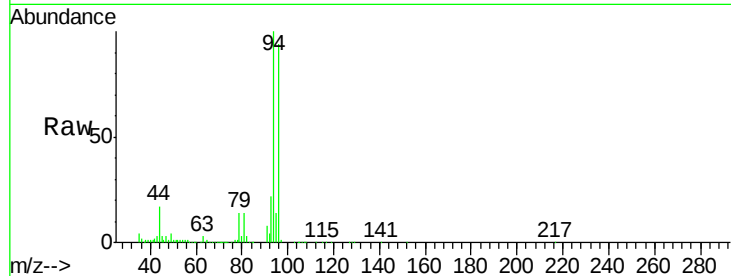
VX0602WBSD01

Tot Ion: 94 Resp: 37629

Ion Ratio Lower Upper

94 100

96 93.6 75.9 113.9



#6

Chloroethane

Concen: 20.82 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX002238.D

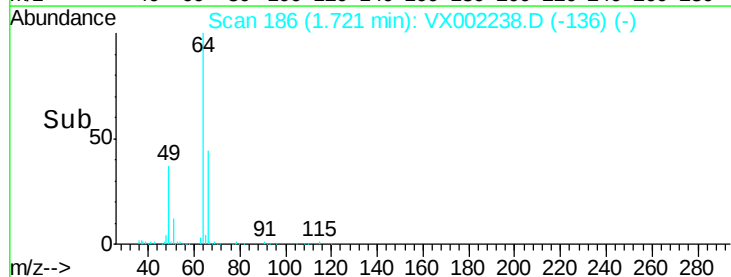
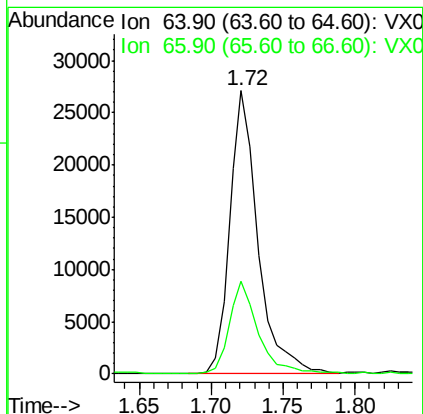
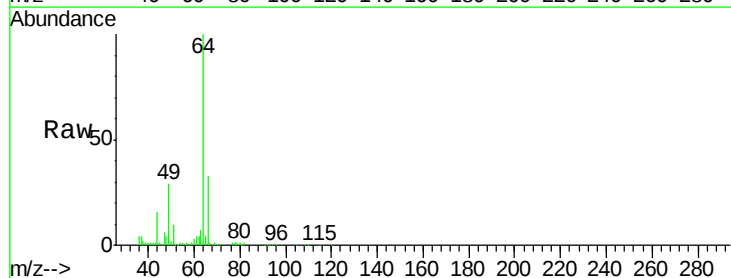
Acq: 02 Jun 2018 14:43

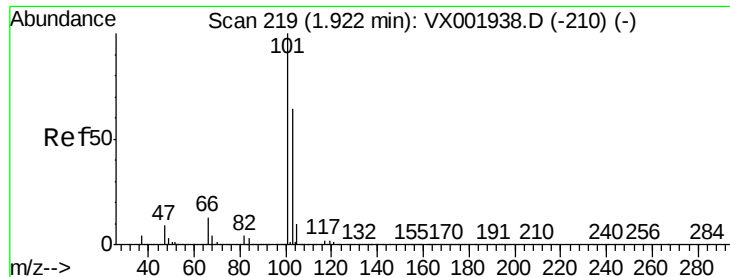
Tgt Ion: 64 Resp: 37340

Ion Ratio Lower Upper

64 100

66 32.7 25.6 38.4



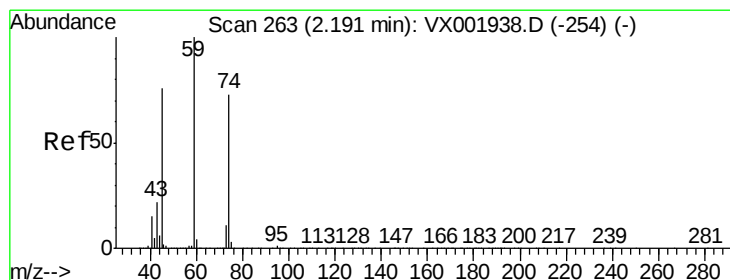
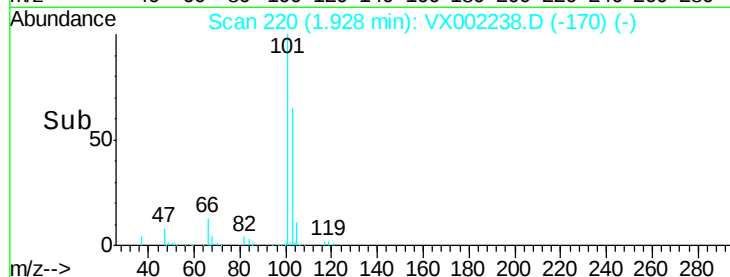
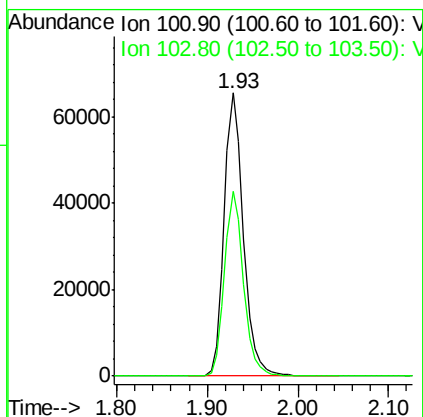
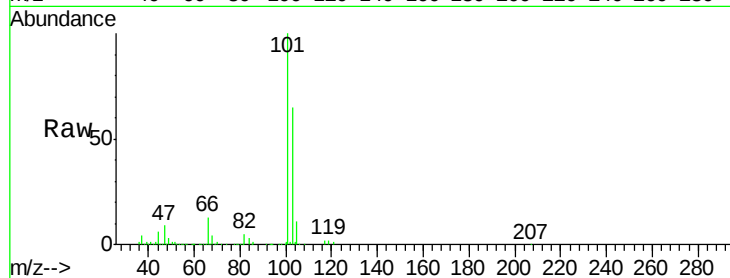


#7

Trichlorofluoromethane
 Concen: 21.19 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

Instrument :
 MSVOA_X
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 VX0602WBSD01

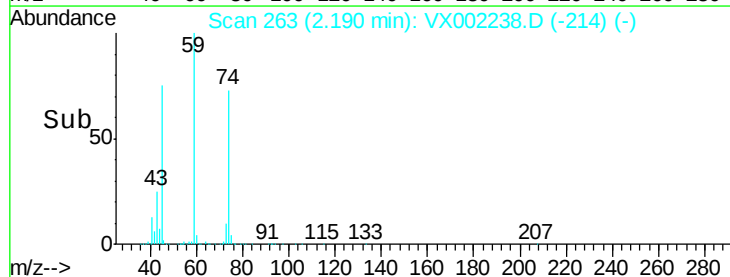
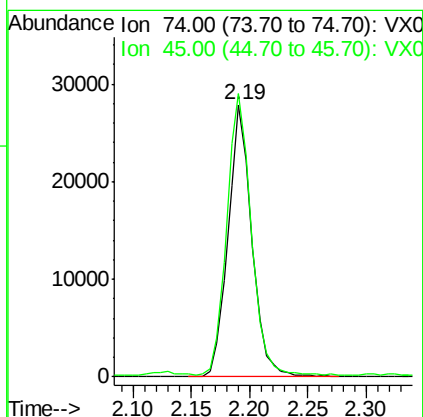
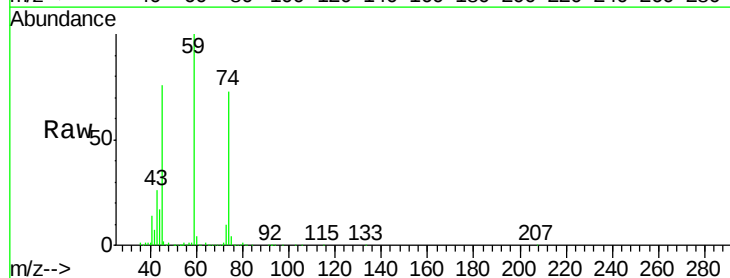
Tot Ion:101 Resp: 96774
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.4 77.0



#8

Diethyl Ether
 Concen: 23.82 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

Tgt Ion: 74 Resp: 39481
 Ion Ratio Lower Upper
 74 100
 45 105.3 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.23 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBSD01

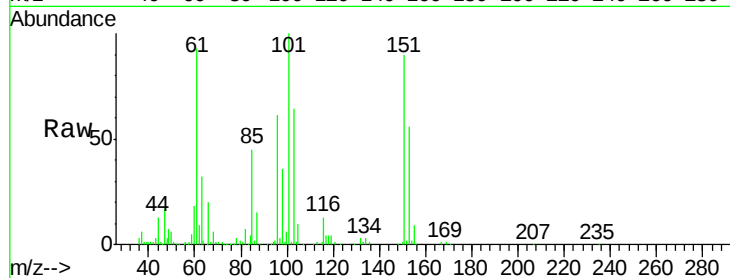
Tot Ion:101 Resp: 56675

Ion Ratio Lower Upper

101 100

85 44.7 35.6 53.4

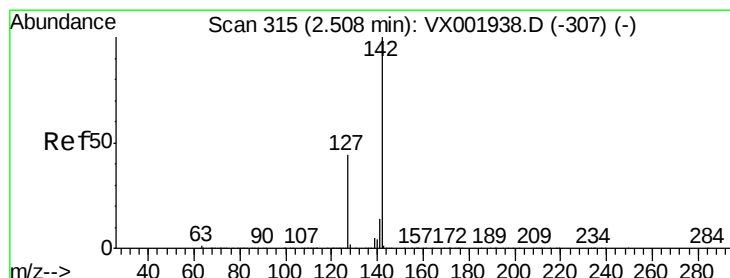
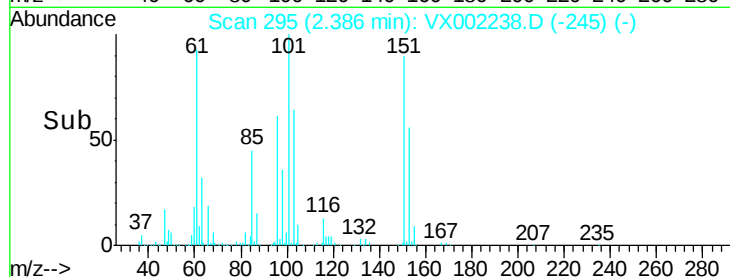
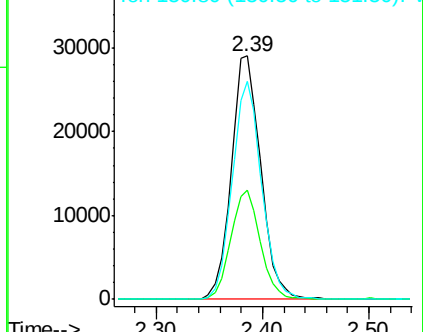
151 88.9 73.2 109.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.14 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

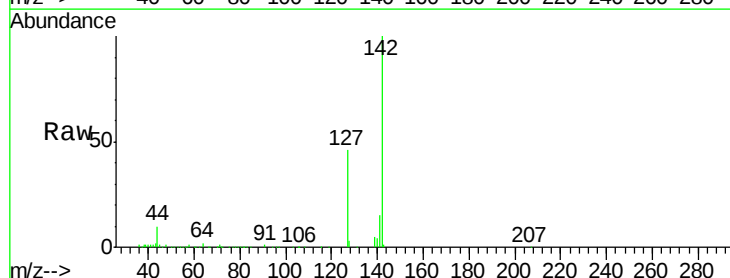
Tgt Ion:142 Resp: 62546

Ion Ratio Lower Upper

142 100

127 46.7 35.5 53.3

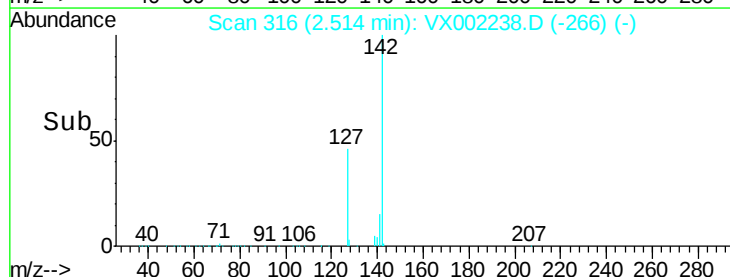
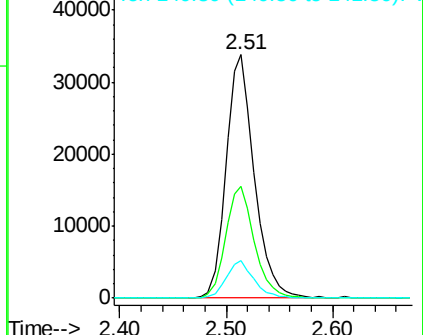
141 15.1 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



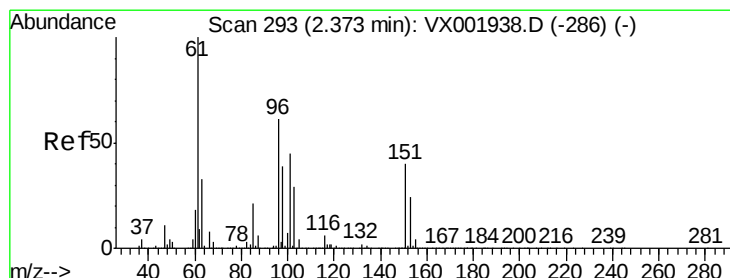
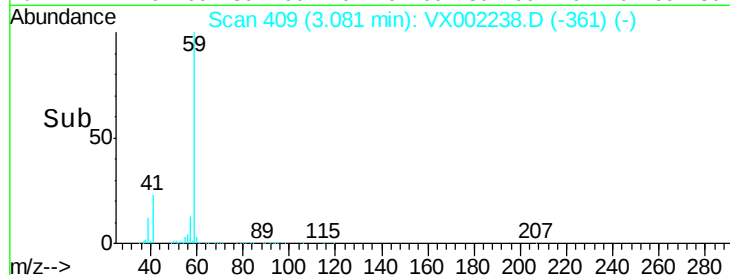
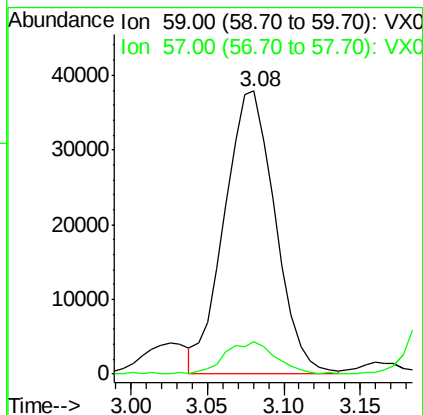
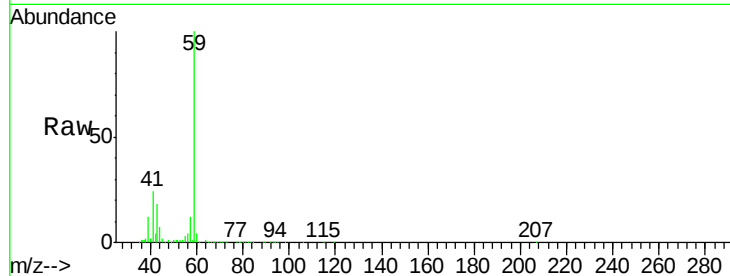


#11

Tert butyl alcohol
 Concen: 121.38 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBSD01

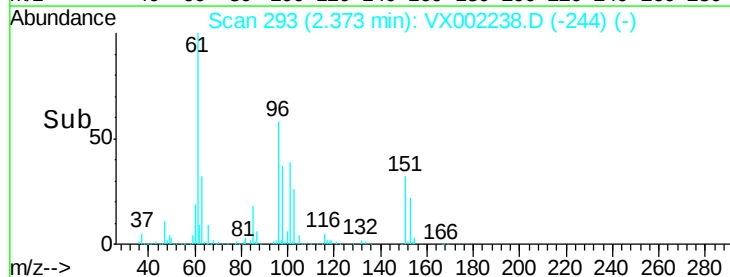
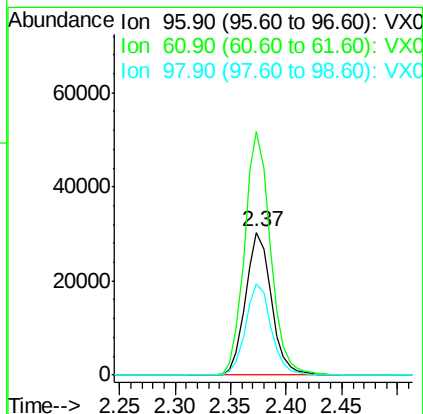
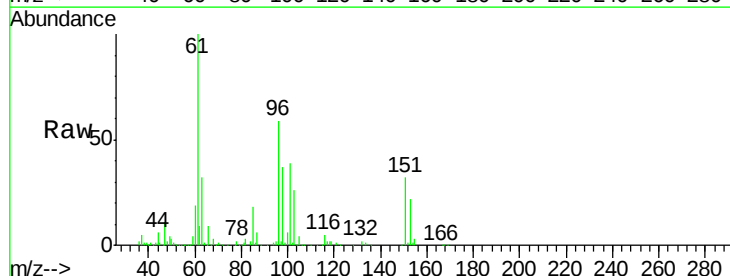
Tot Ion: 59 Resp: 87200
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.9 13.3



#12

1,1-Dichloroethene
 Concen: 20.52 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

Tgt Ion: 96 Resp: 48972
 Ion Ratio Lower Upper
 96 100
 61 170.9 131.7 197.5
 98 63.6 51.6 77.4





#13

Acrolein

Concen: 75.40 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

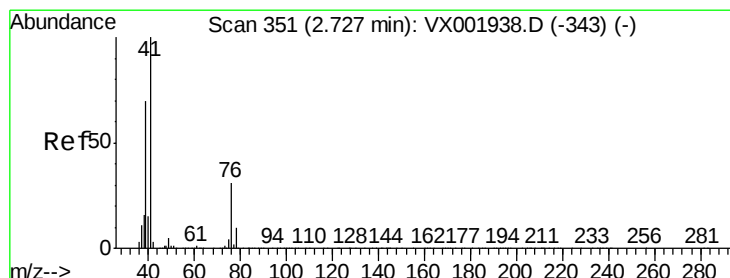
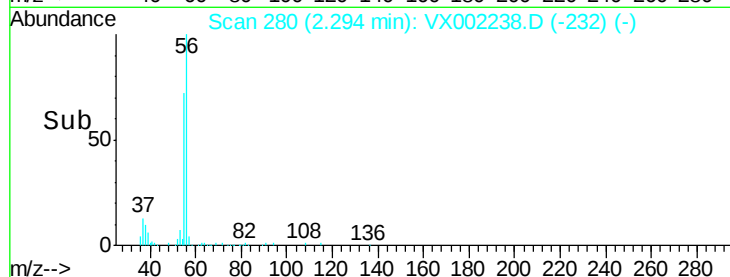
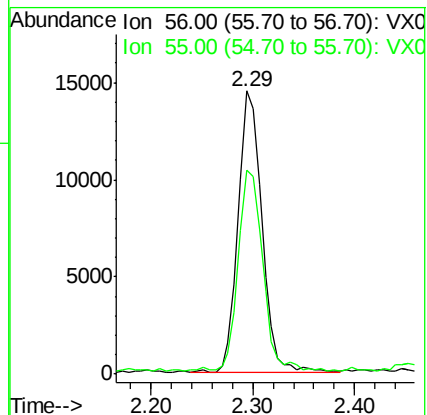
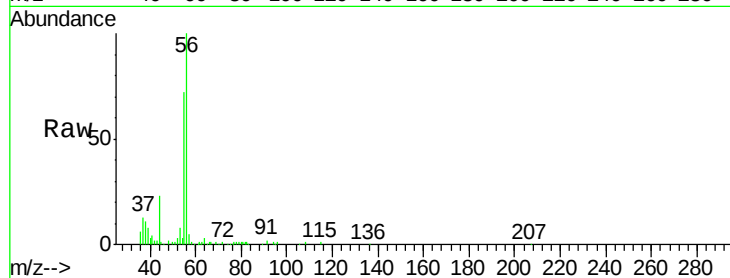
VX0602WBSD01

Tot Ion: 56 Resp: 23420

Ion Ratio Lower Upper

56 100

55 73.8 56.8 85.2



#14

Allyl chloride

Concen: 21.54 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

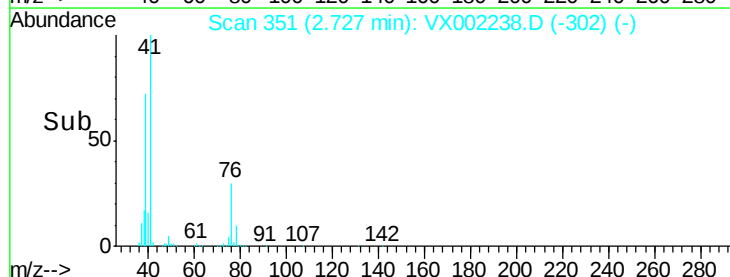
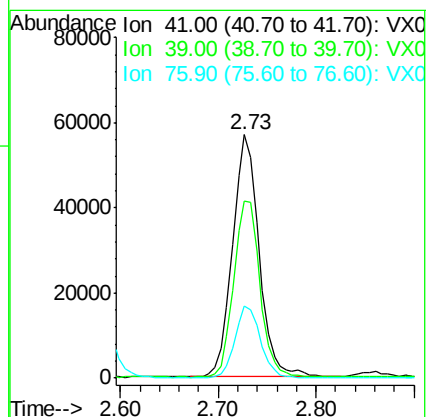
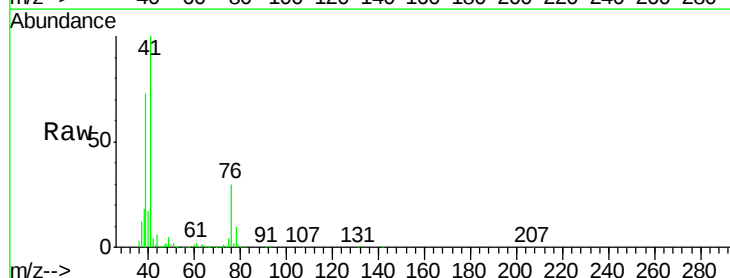
Tgt Ion: 41 Resp: 107882

Ion Ratio Lower Upper

41 100

39 72.1 54.3 81.5

76 28.5 24.2 36.4

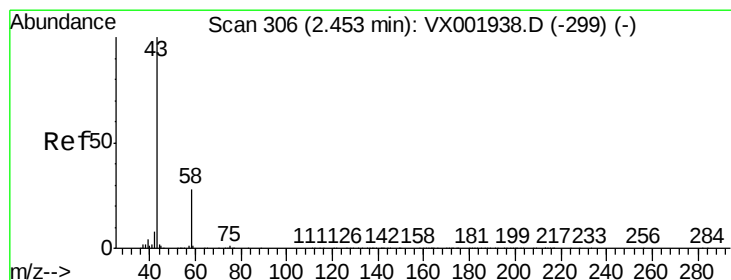
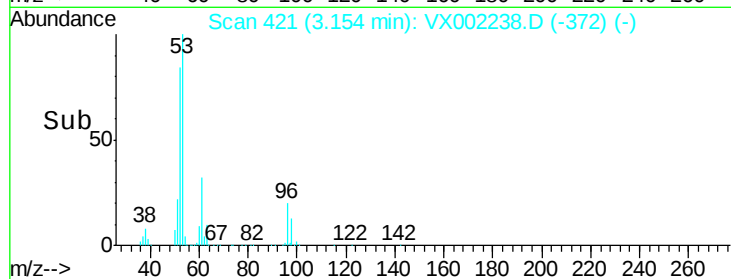
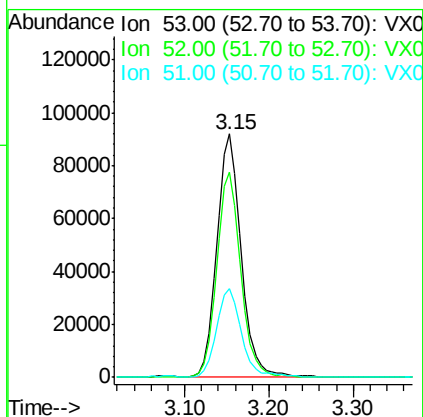
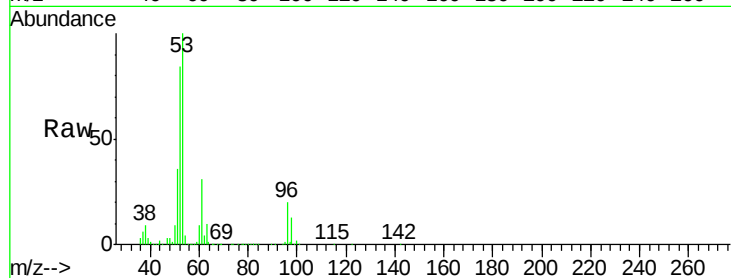




#15
 Acrylonitrile
 Concen: 123.36 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

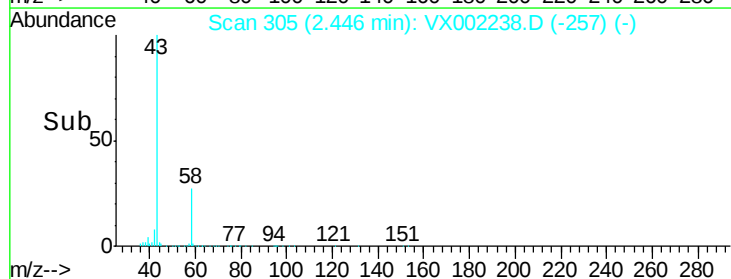
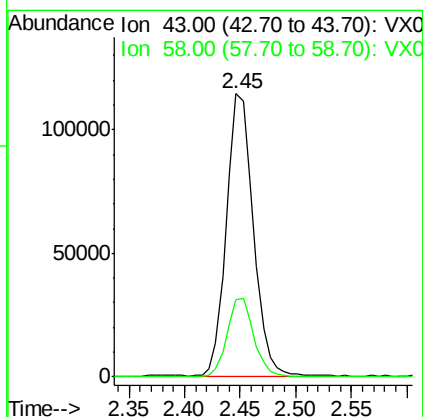
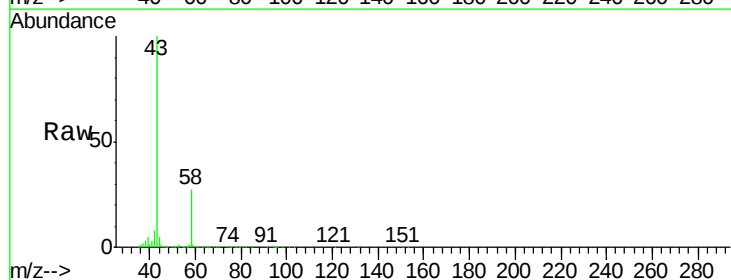
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBSD01

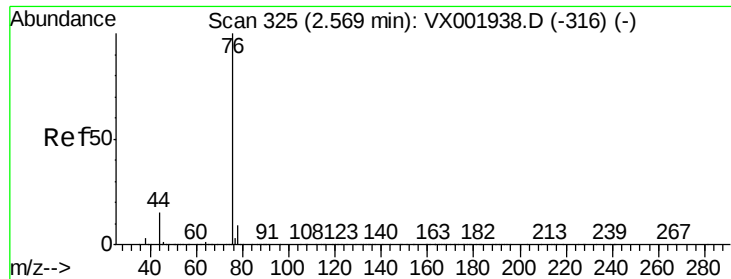
Tot Ion: 53 Resp: 182234
 Ion Ratio Lower Upper
 53 100
 52 83.7 66.4 99.6
 51 37.4 29.3 43.9



#16
 Acetone
 Concen: 134.88 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.01 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

Tgt Ion: 43 Resp: 190512
 Ion Ratio Lower Upper
 43 100
 58 27.2 22.3 33.5

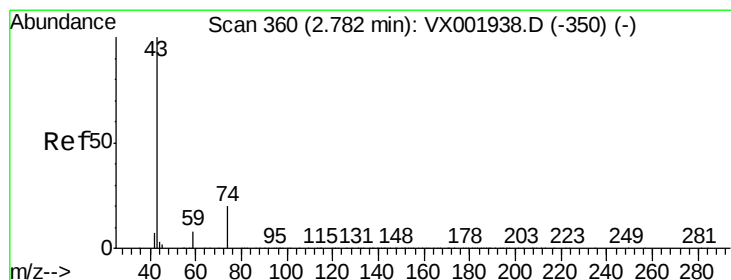
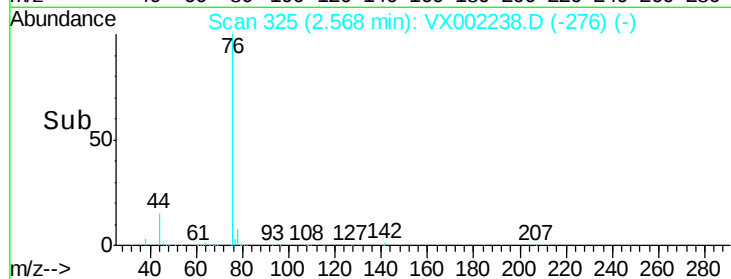
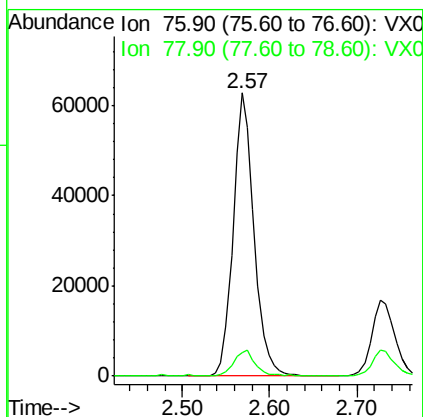
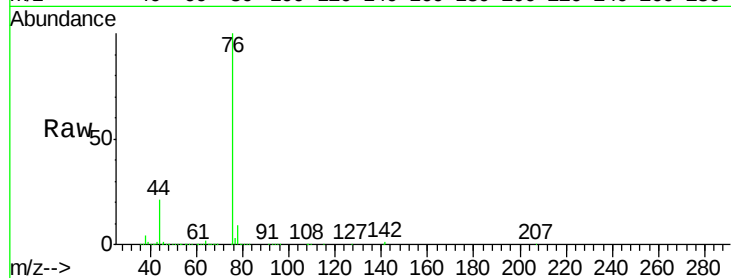




#17
Carbon Disulfide
Concen: 15.25 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

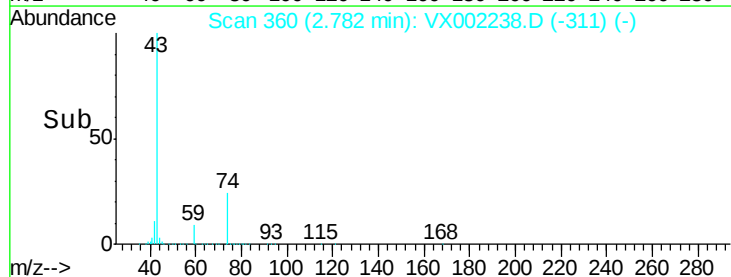
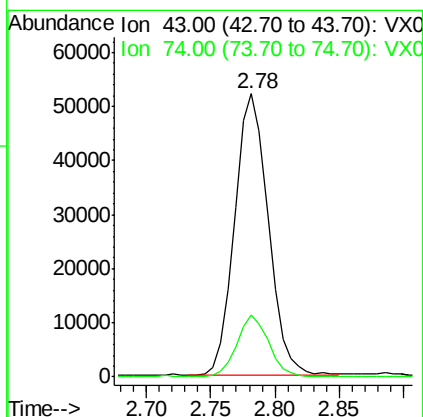
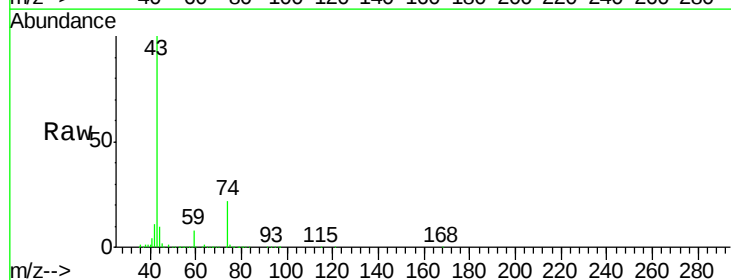
Instrument :
MSVOA_X
ClientSampleId :
VX0602WBSD01

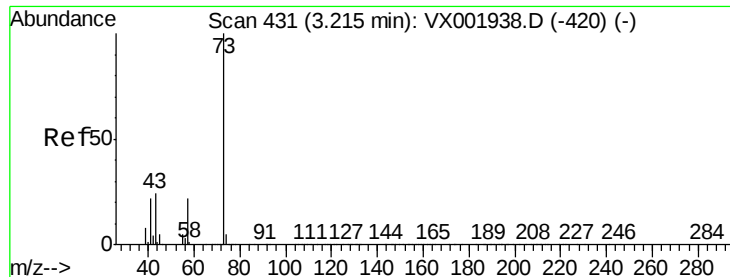
Tot Ion: 76 Resp: 104712
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.2



#18
Methyl Acetate
Concen: 27.33 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion: 43 Resp: 94758
Ion Ratio Lower Upper
43 100
74 20.4 16.8 25.2

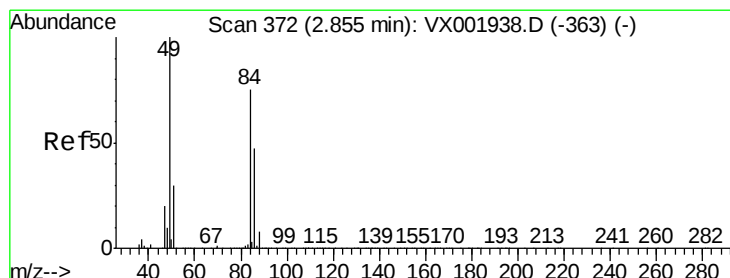
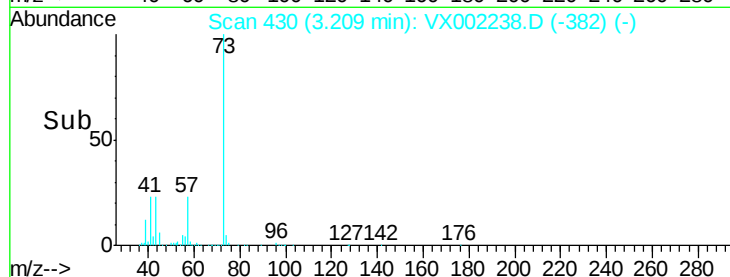
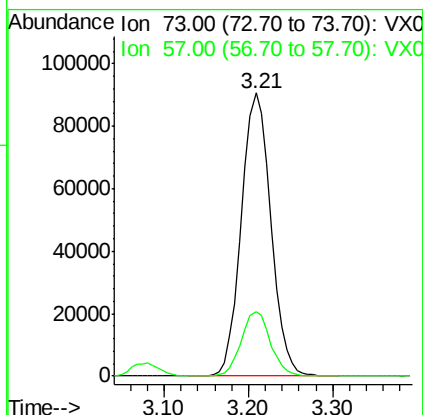
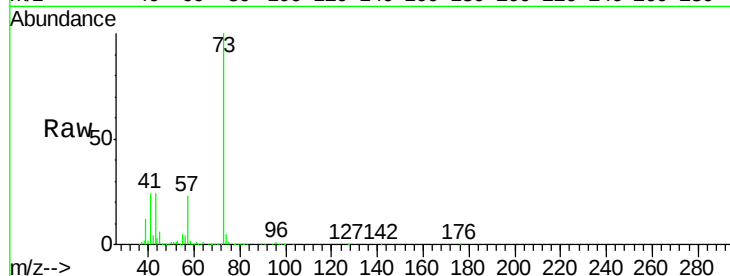




#19
Methyl tert-butyl Ether
Concen: 23.87 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

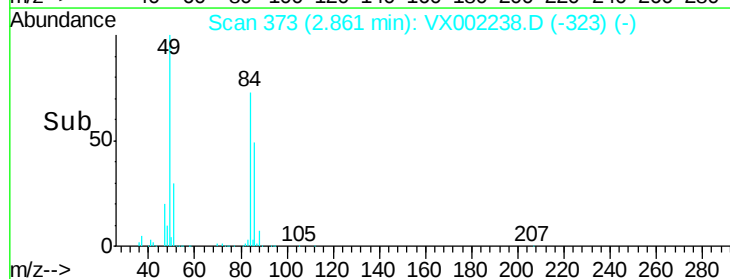
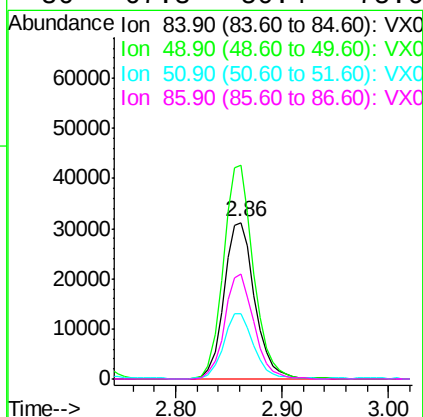
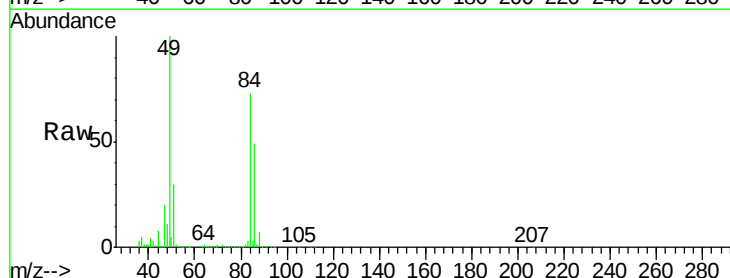
Instrument :
MSVOA_X
ClientSampleID :
VX0602WBSD01

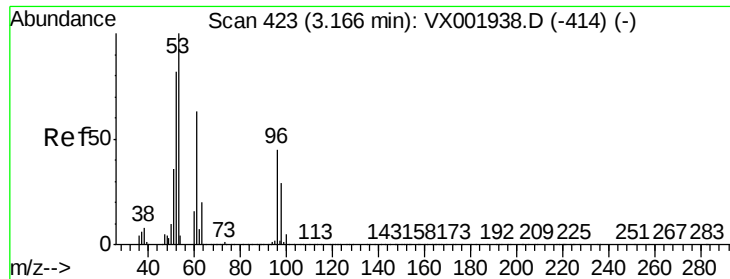
Tot Ion: 73 Resp: 214285
Ion Ratio Lower Upper
73 100
57 22.9 17.4 26.0



#20
Methylene Chloride
Concen: 24.94 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion: 84 Resp: 63033
Ion Ratio Lower Upper
84 100
49 136.0 107.2 160.8
51 41.1 32.4 48.6
86 67.3 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 22.29 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBSD01

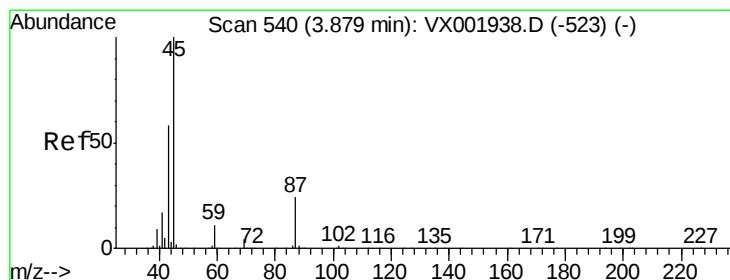
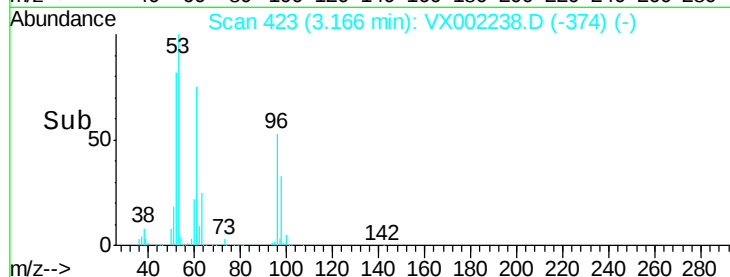
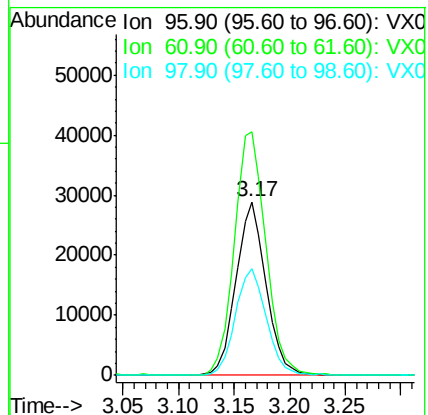
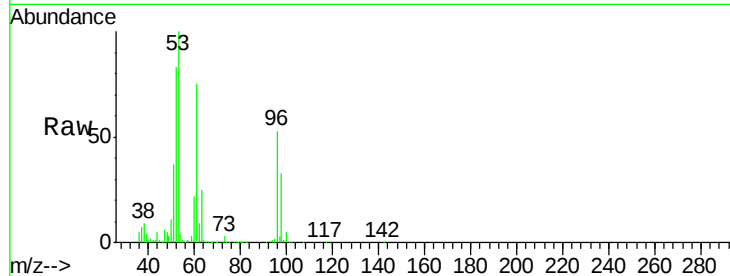
Tot Ion: 96 Resp: 53823

Ion Ratio Lower Upper

96 100

61 140.4 113.3 169.9

98 61.6 51.7 77.5



#22

Diisopropyl ether

Concen: 19.66 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Tgt Ion: 45 Resp: 200337

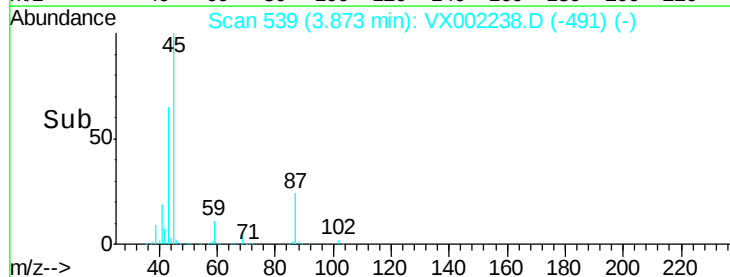
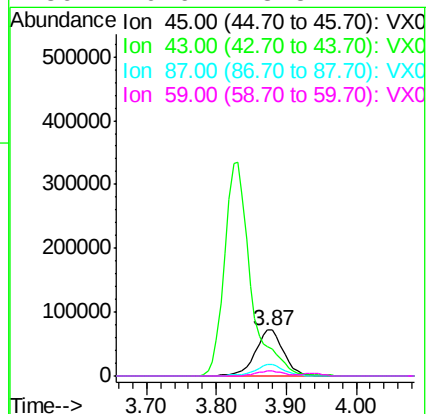
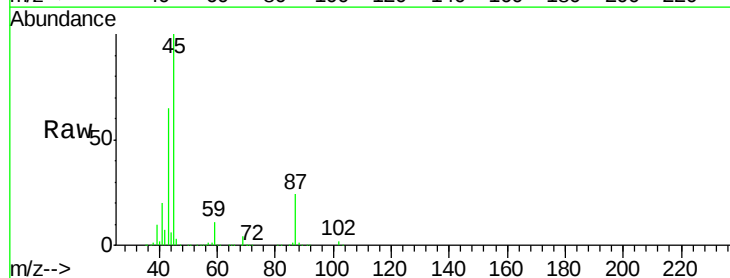
Ion Ratio Lower Upper

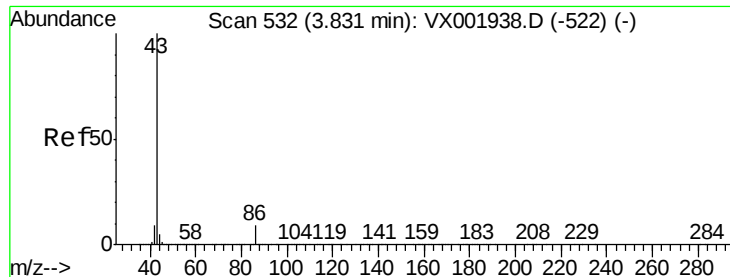
45 100

43 65.2 47.0 70.6

87 24.1 19.4 29.0

59 10.6 8.5 12.7





#23

Vinyl Acetate

Concen: 103.66 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

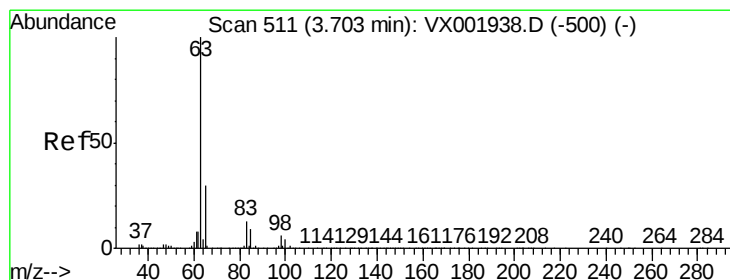
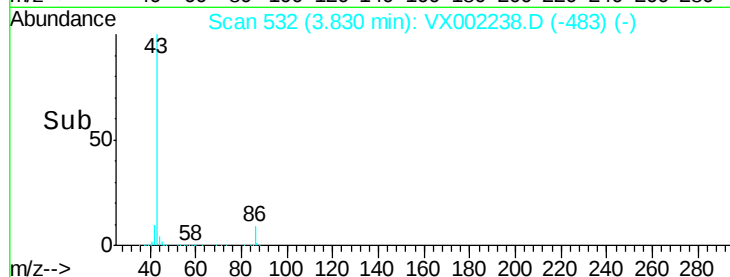
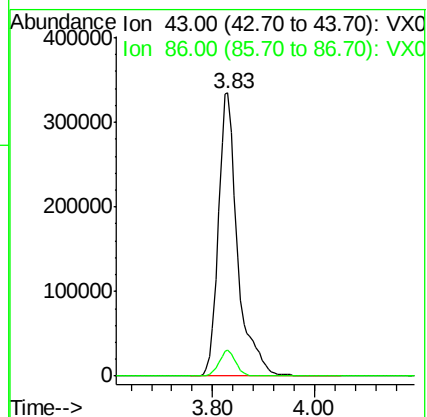
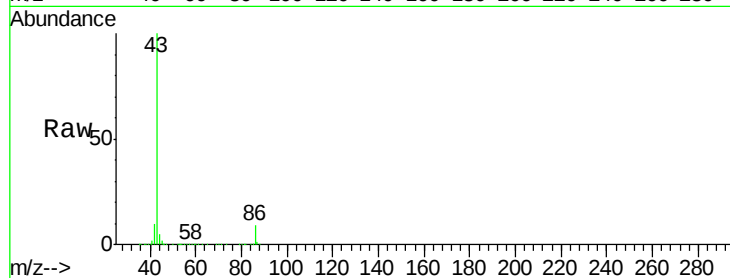
VX0602WBSD01

Tot Ion: 43 Resp: 875779

Ion Ratio Lower Upper

43 100

86 9.2 7.6 11.4



#24

1,1-Dichloroethane

Concen: 23.61 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

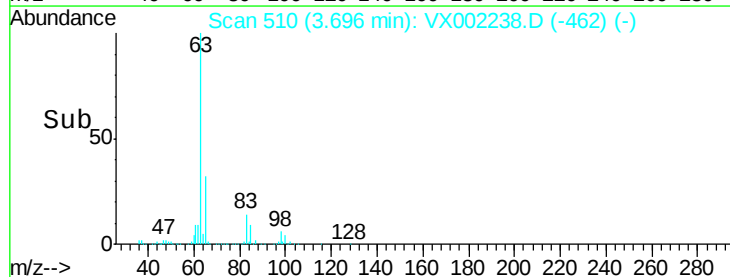
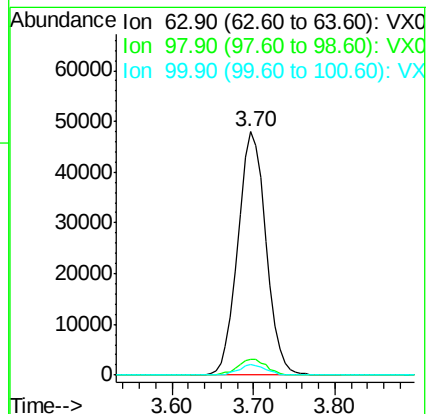
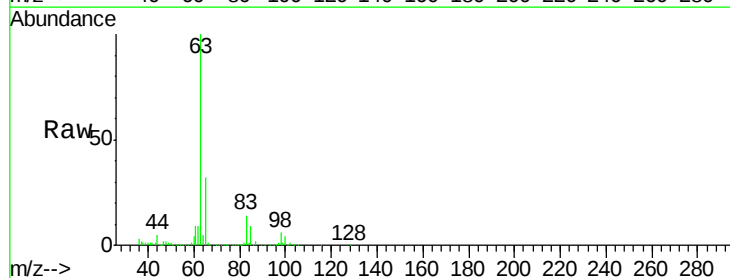
Tgt Ion: 63 Resp: 114263

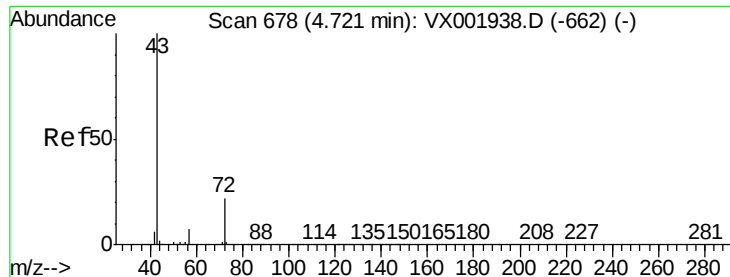
Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 98.16 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

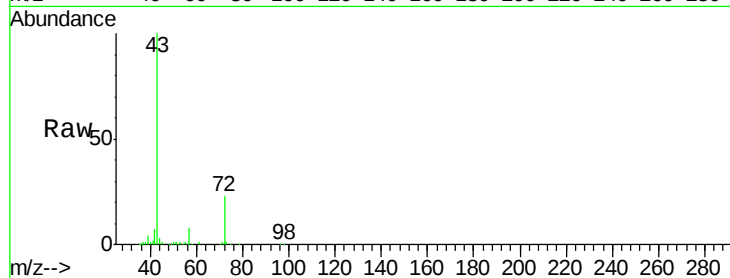
VX0602WBSD01

Tot Ion: 43 Resp: 254110

Ion Ratio Lower Upper

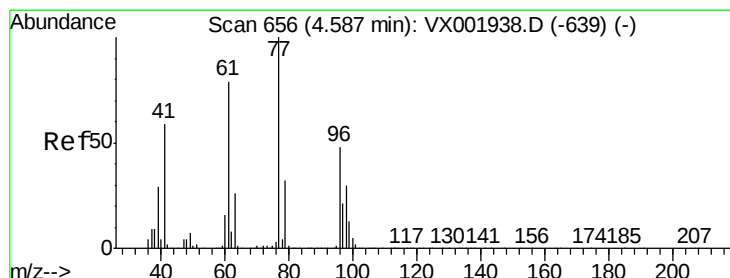
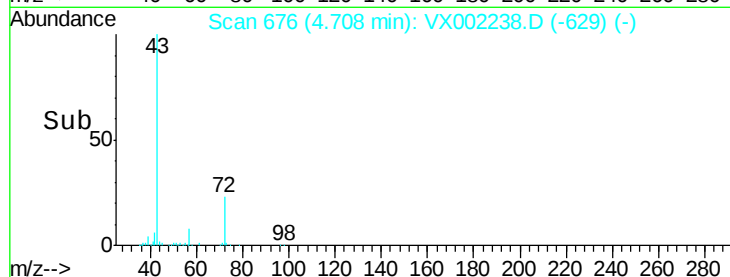
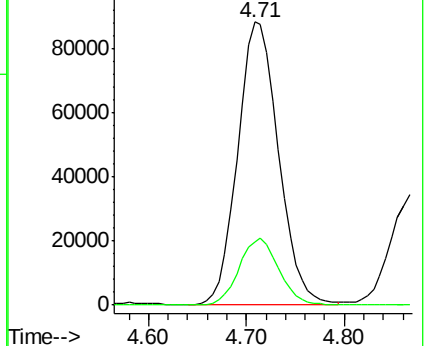
43 100

72 22.5 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.24 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002238.D

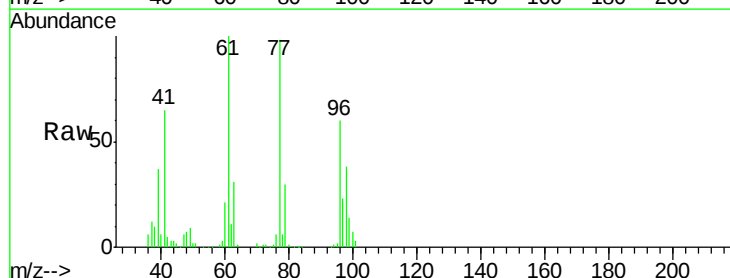
Acq: 02 Jun 2018 14:43

Tgt Ion: 77 Resp: 79539

Ion Ratio Lower Upper

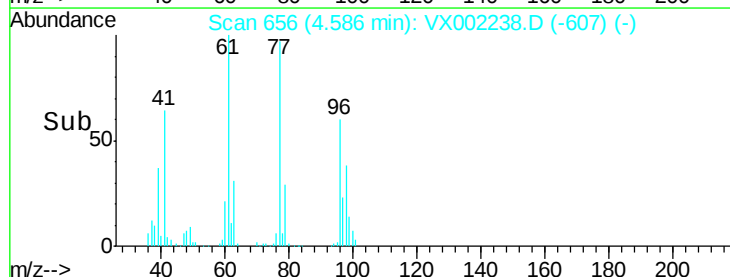
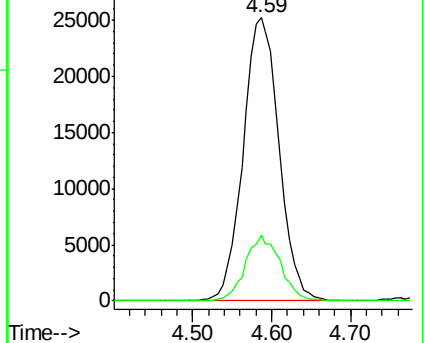
77 100

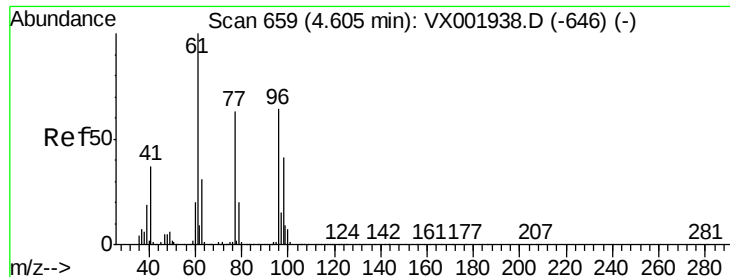
97 22.5 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 19.13 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBSD01

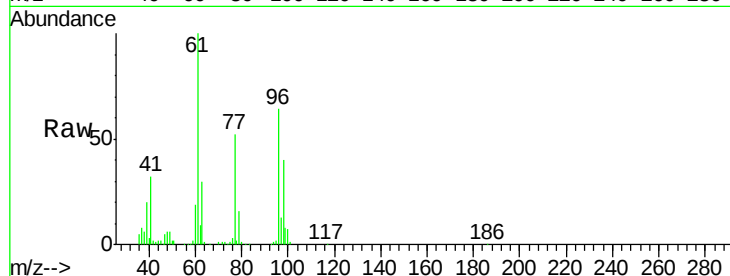
Tot Ion: 96 Resp: 59531

Ion Ratio Lower Upper

96 100

61 175.7 0.0 348.4

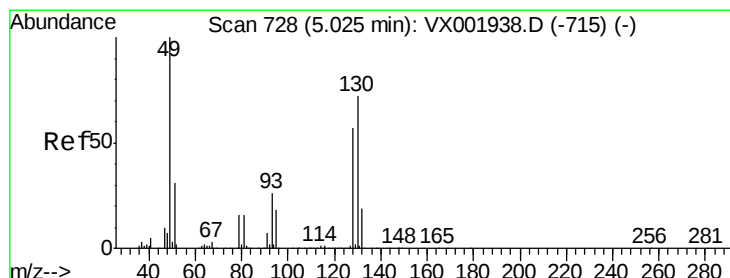
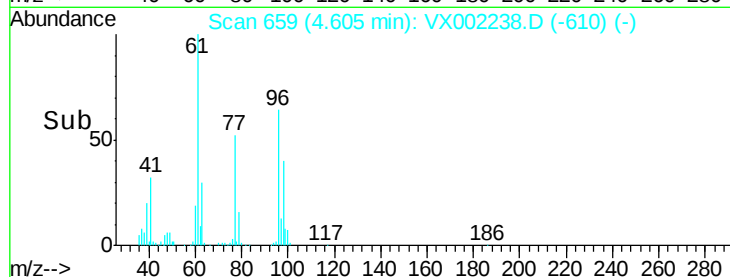
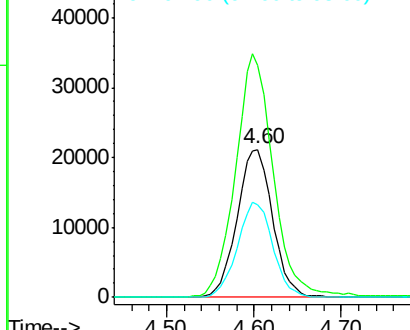
98 64.3 0.0 128.6



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: 23.81 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

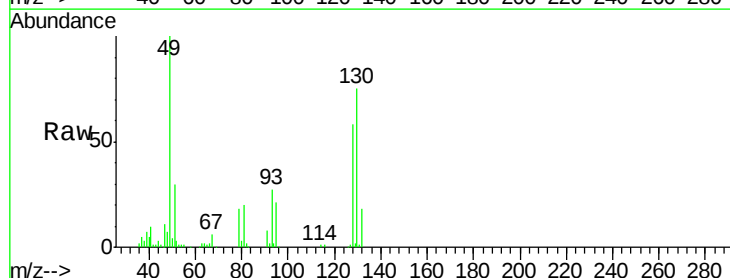
Tgt Ion: 49 Resp: 50605

Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

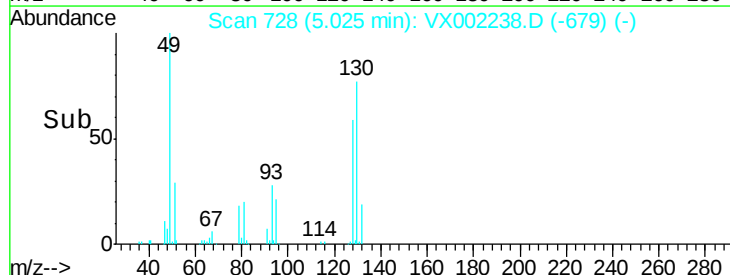
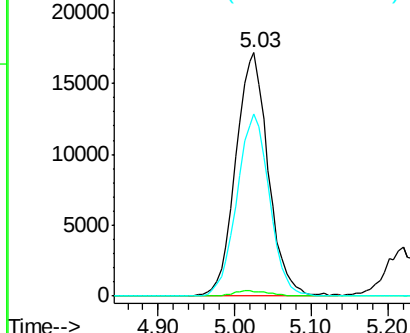
130 74.9 59.4 89.2



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: 95.80 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampled :

VX0602WBSD01

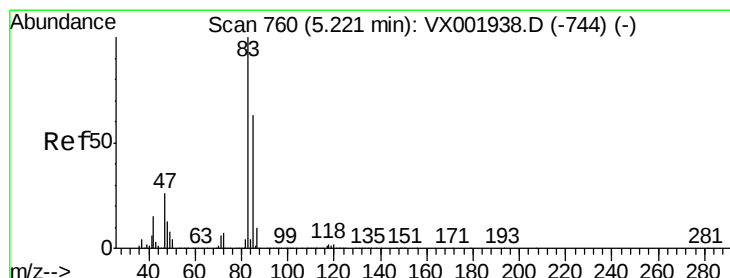
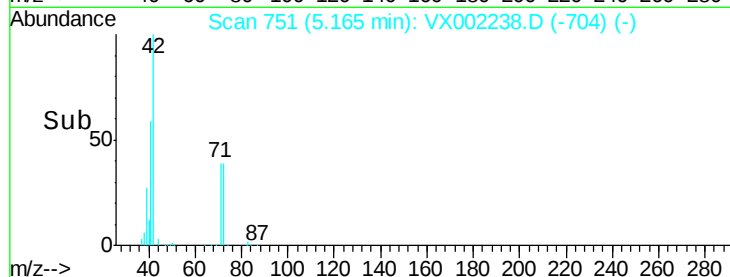
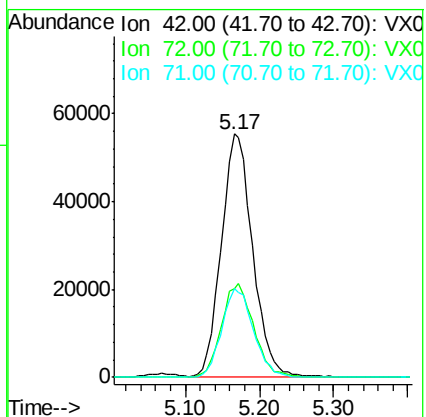
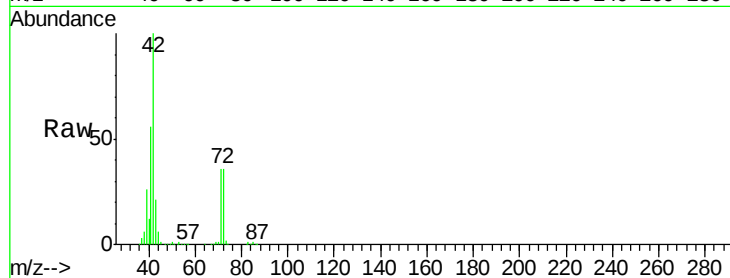
Tot Ion: 42 Resp: 161361

Ion Ratio Lower Upper

42 100

72 39.9 31.4 47.0

71 37.4 29.5 44.3



#30

Chloroform

Concen: 19.06 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002238.D

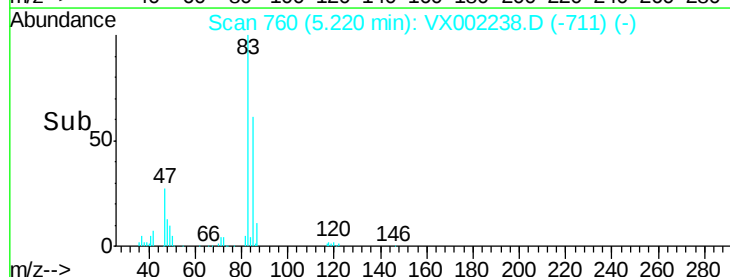
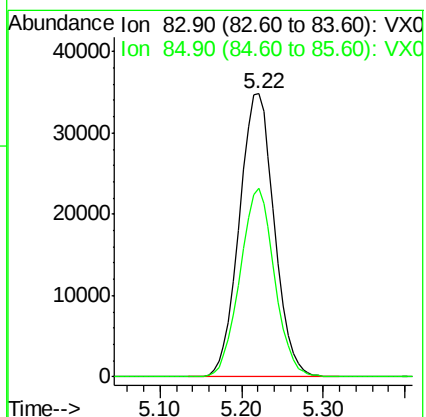
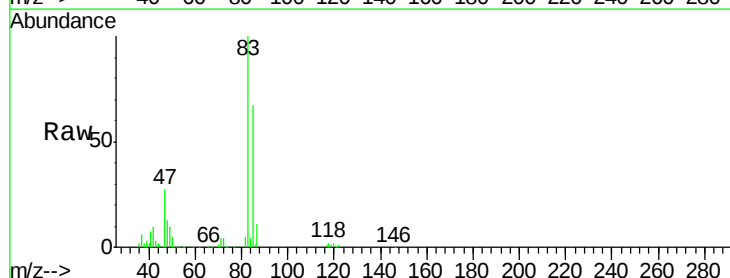
Acq: 02 Jun 2018 14:43

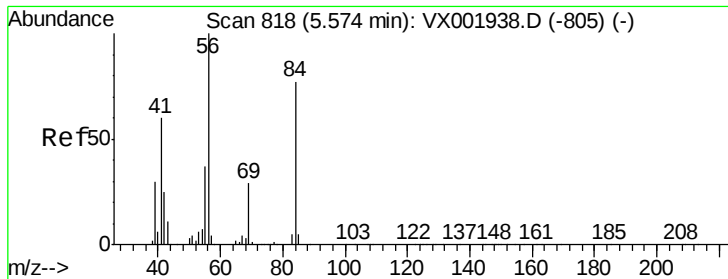
Tgt Ion: 83 Resp: 103947

Ion Ratio Lower Upper

83 100

85 66.5 50.9 76.3





#31

Cyclohexane

Concen: 16.82 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBSD01

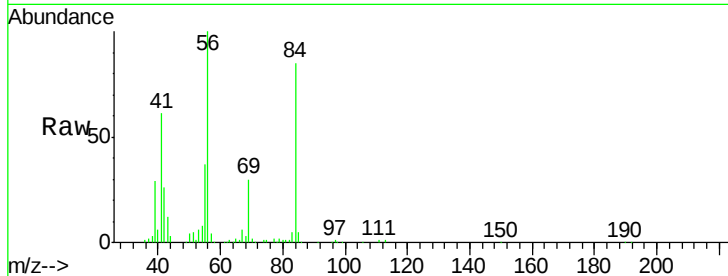
Tot Ion: 56 Resp: 84814

Ion Ratio Lower Upper

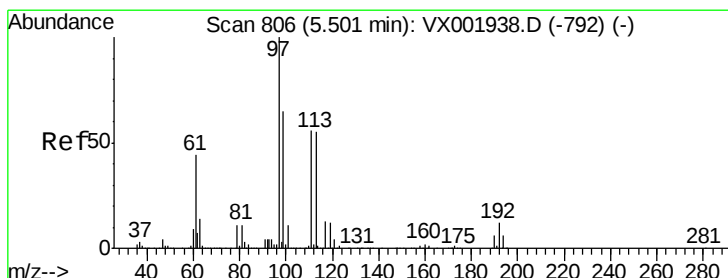
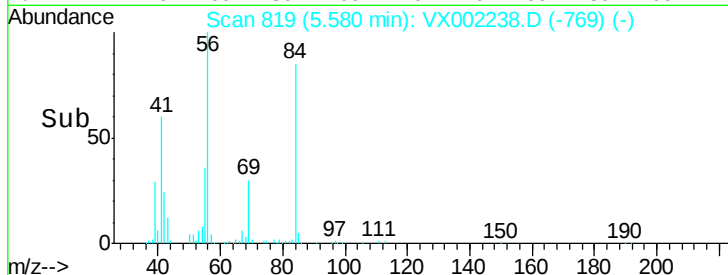
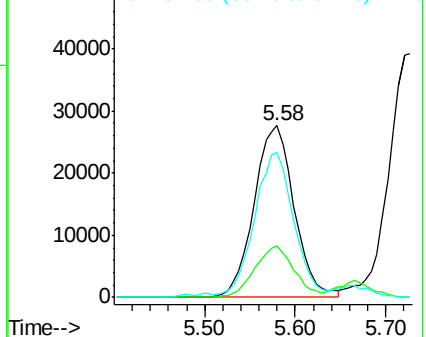
56 100

69 30.0 23.1 34.7

84 83.4 62.0 93.0



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



#32

1,1,1-Trichloroethane

Concen: 16.91 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

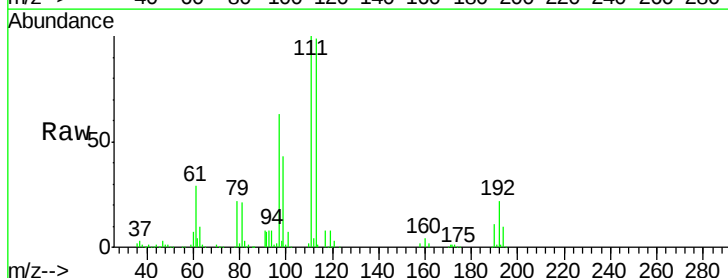
Tgt Ion: 97 Resp: 85979

Ion Ratio Lower Upper

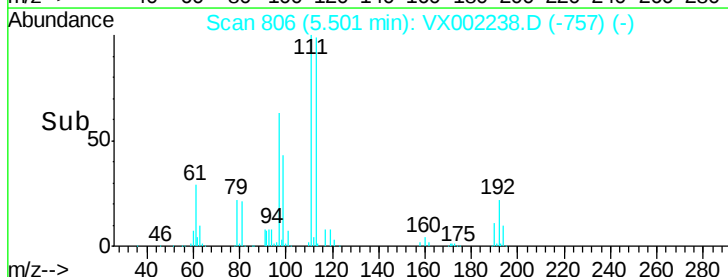
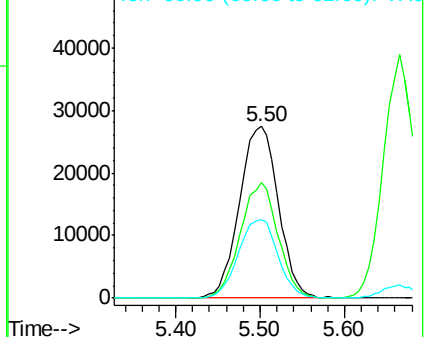
97 100

99 65.4 51.9 77.9

61 46.9 35.9 53.9



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





#33

1,2-Dichloroethane-d4

Concen: 46.62 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

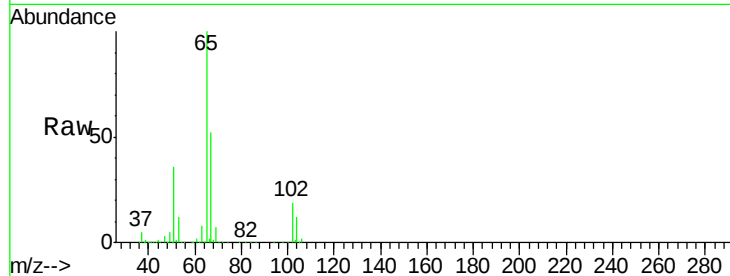
VX0602WBSD01

Tot Ion: 65 Resp: 170617

Ion Ratio Lower Upper

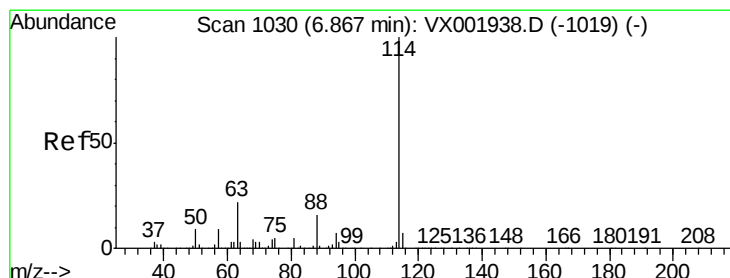
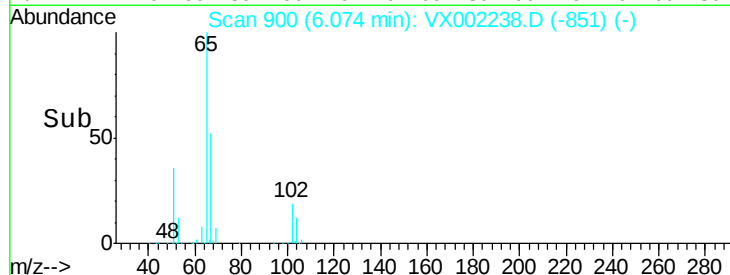
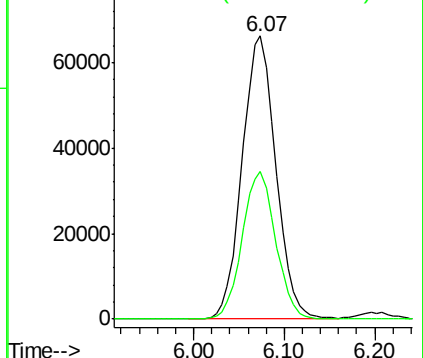
65 100

67 51.6 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

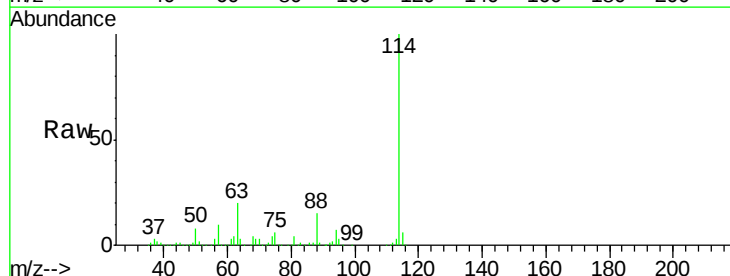
Tgt Ion: 114 Resp: 283978

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

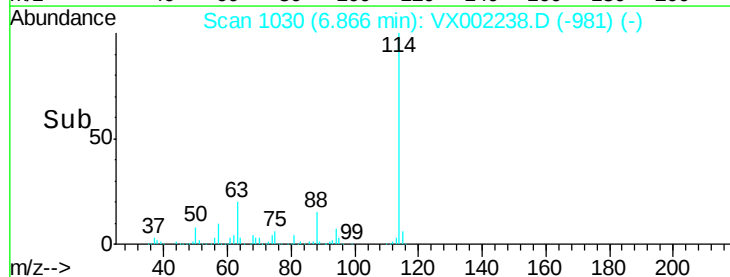
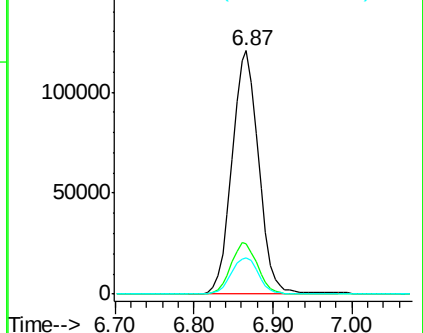
88 15.1 0.0 31.6

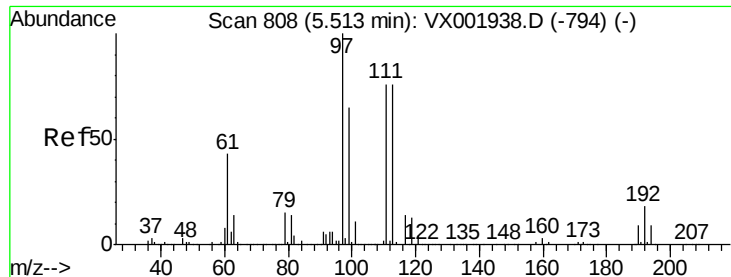


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

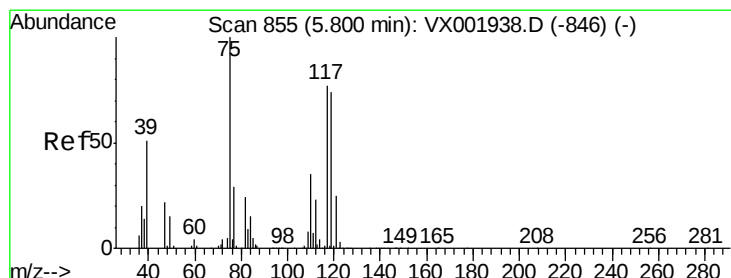
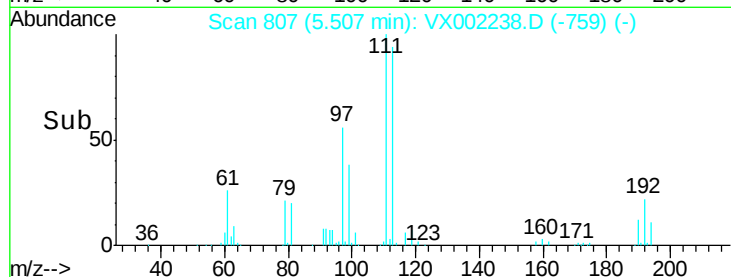
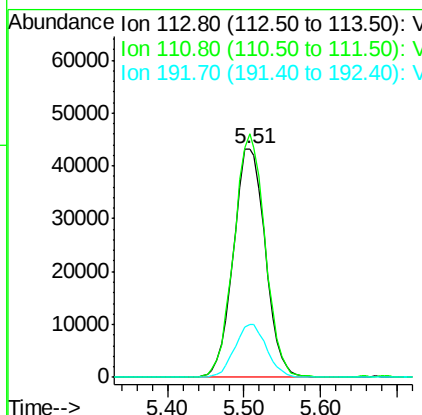
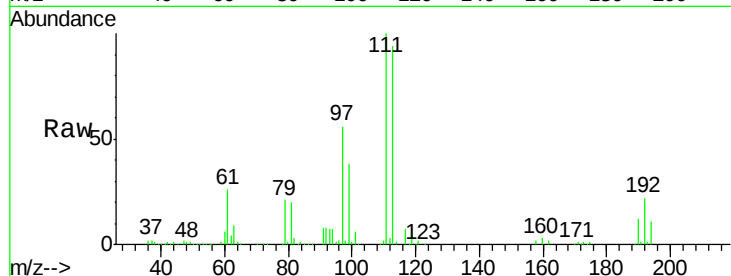




#35
 Dibromofluoromethane
 Concen: 44.21 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

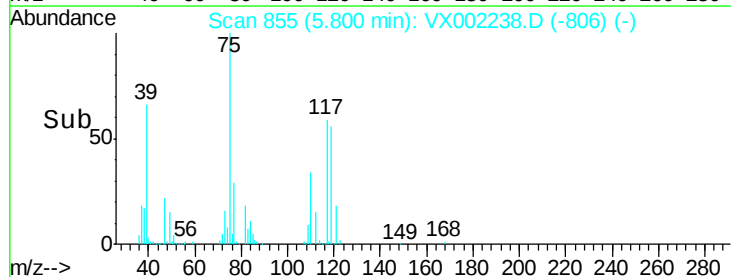
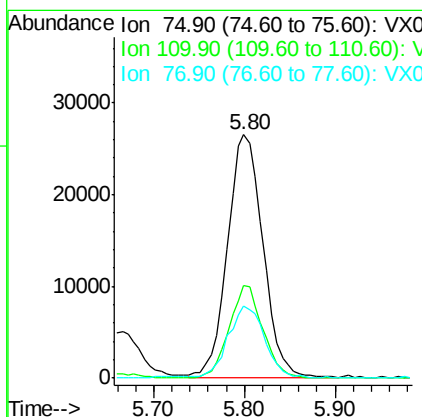
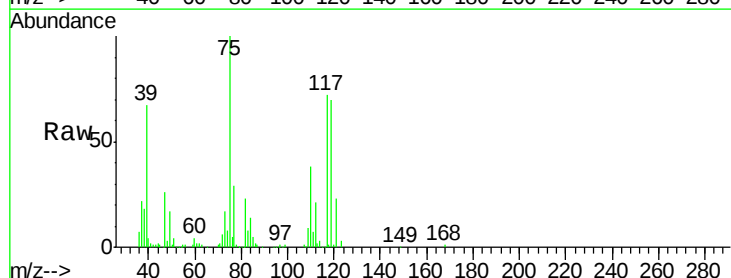
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBSD01

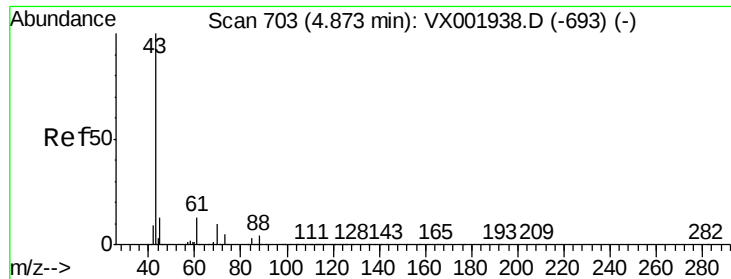
Tot Ion:113 Resp: 125549
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.0 123.0
 192 23.0 18.9 28.3



#36
 1,1-Dichloropropene
 Concen: 18.08 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

Tgt Ion: 75 Resp: 71431
 Ion Ratio Lower Upper
 75 100
 110 36.2 17.4 52.2
 77 30.5 24.4 36.6

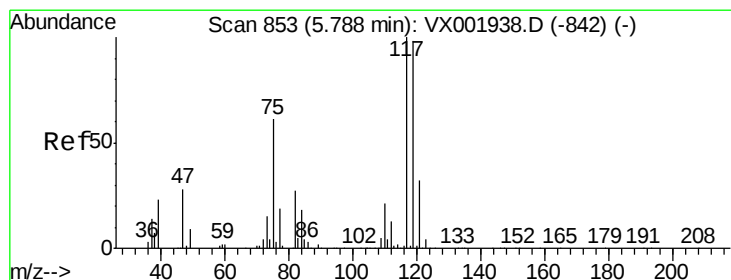
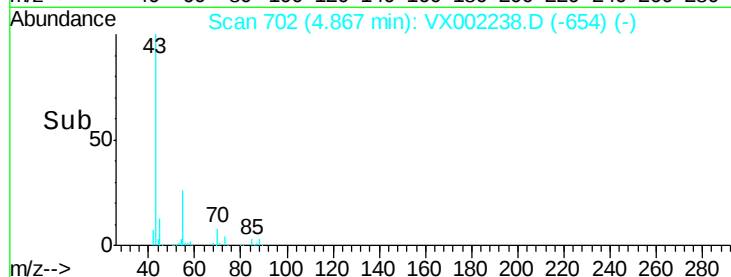
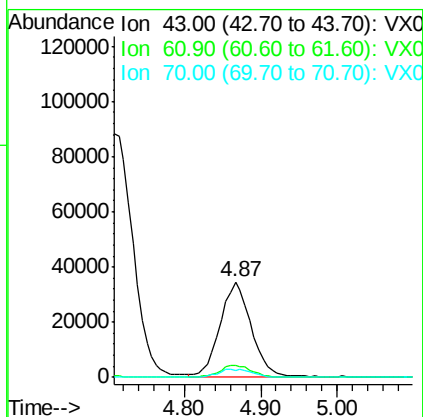
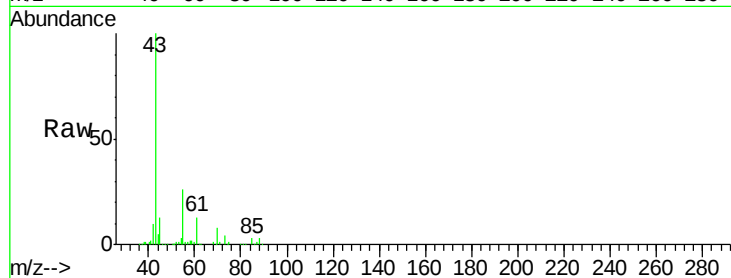




#37
Ethyl Acetate
Concen: 18.86 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

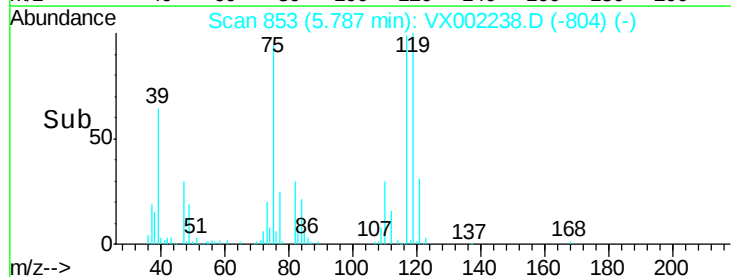
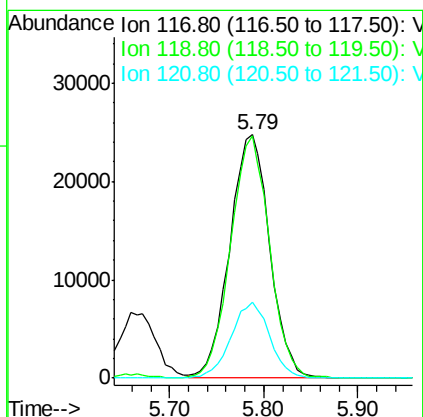
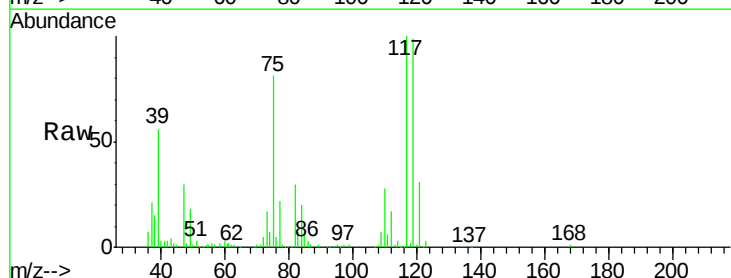
Instrument :
MSVOA_X
ClientSampleId :
VX0602WBSD01

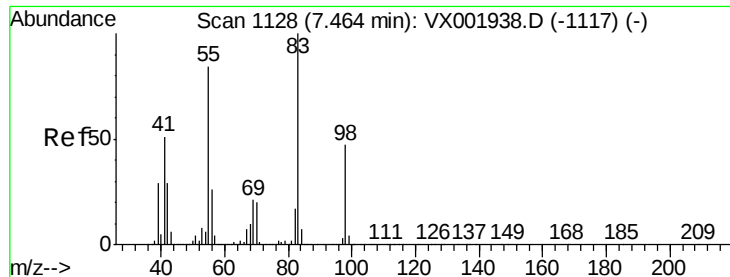
Tot Ion	43	Resp	97103
Ion Ratio	Lower	Upper	
43	100		
61	13.3	10.2	15.2
70	9.4	7.8	11.8



#38
Carbon Tetrachloride
Concen: 15.87 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion	117	Resp	73105
Ion Ratio	Lower	Upper	
117	100		
119	99.4	78.5	117.7
121	31.3	25.5	38.3

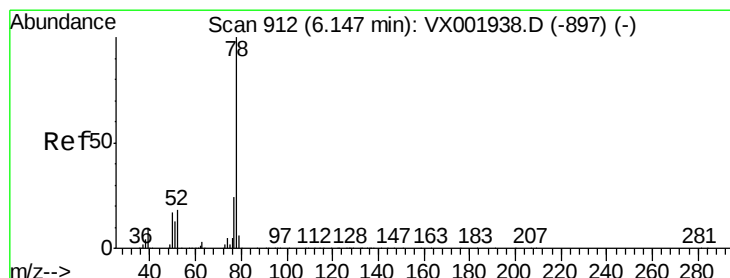
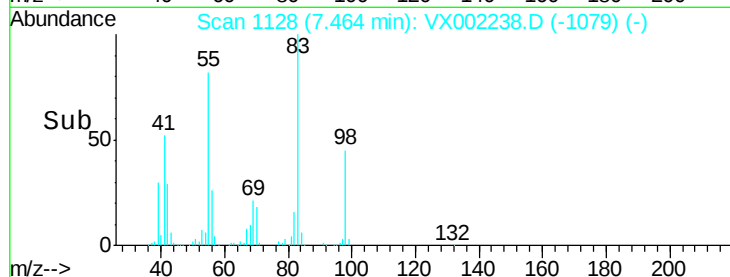
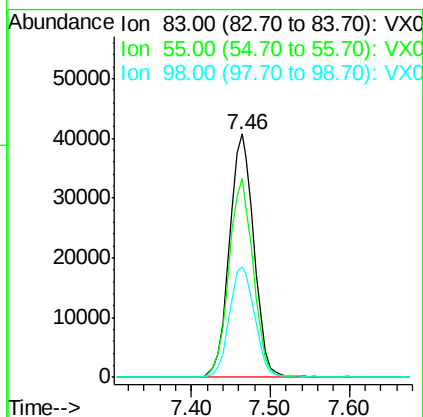
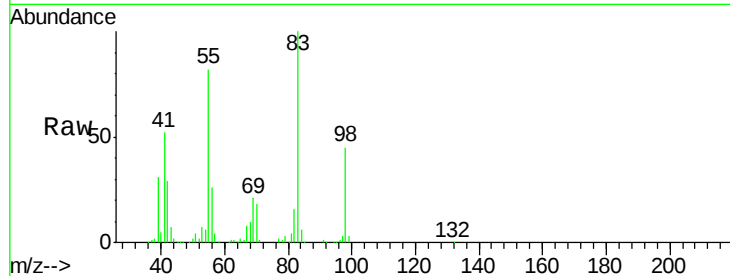




#39
Methvlcvclohexane
Concen: 18.13 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

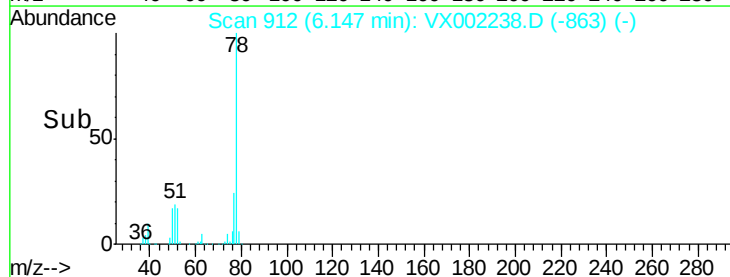
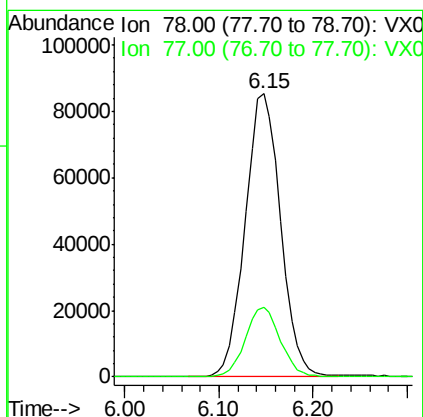
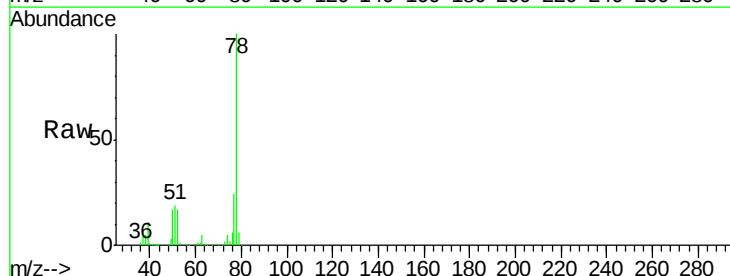
Instrument :
MSVOA_X
ClientSampled :
VX0602WBSD01

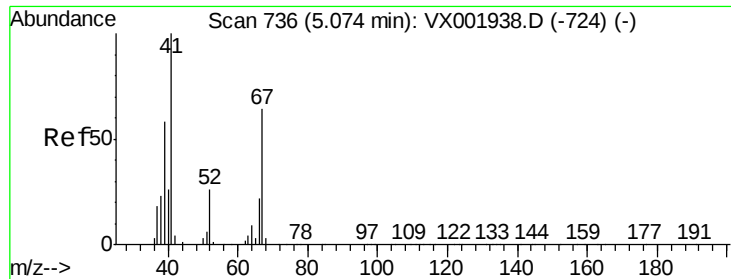
Tot Ion: 83 Resp: 87991
Ion Ratio Lower Upper
83 100
55 81.5 67.3 100.9
98 45.5 37.5 56.3



#40
Benzene
Concen: 19.40 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion: 78 Resp: 224514
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7

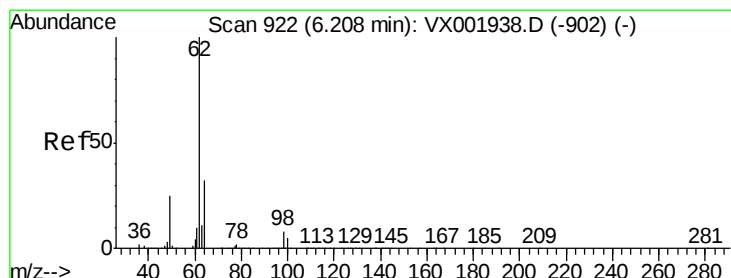
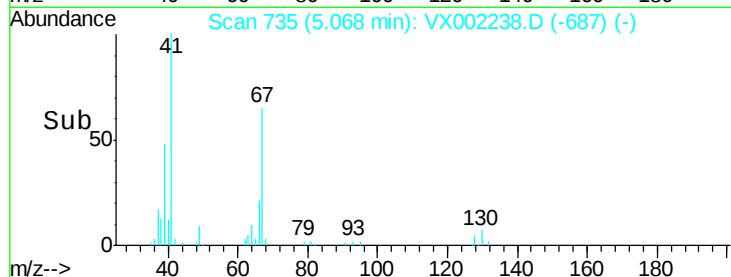
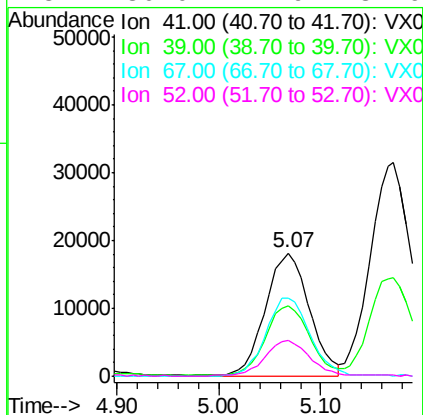
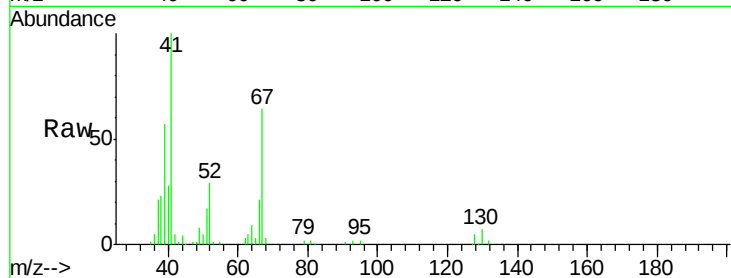




#41
Methacrylonitrile
Concen: 18.98 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

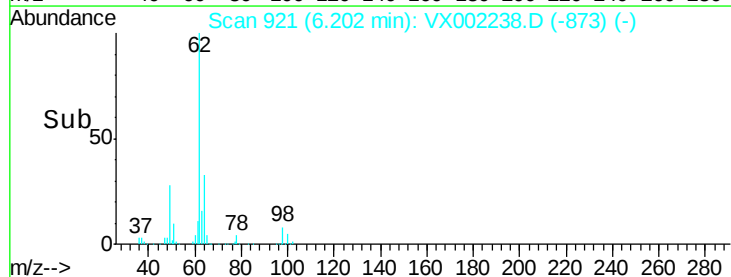
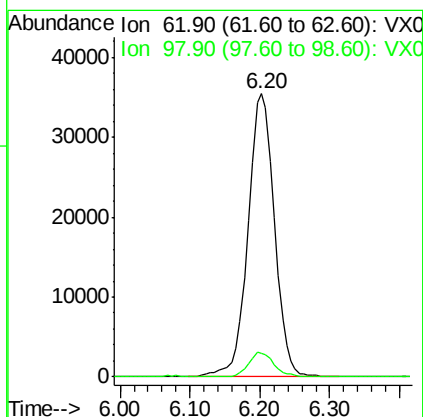
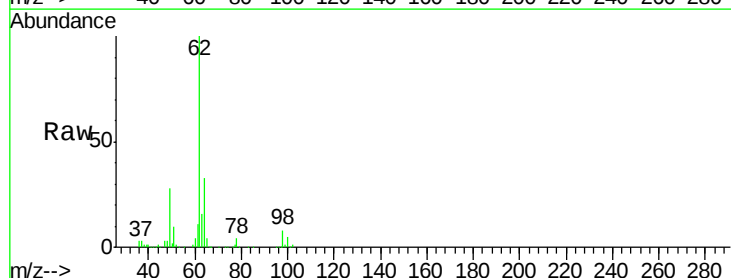
Instrument :
MSVOA_X
ClientSampleId :
VX0602WBSD01

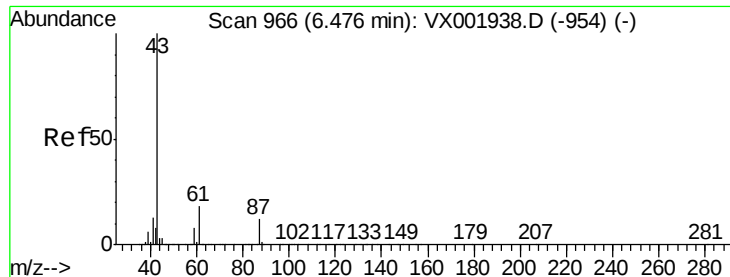
Tot Ion:	41	Resp:	53881
Ion	Ratio	Lower	Upper
41	100		
39	57.2	46.0	69.0
67	65.5	50.6	75.8
52	30.0	21.9	32.9



#42
1,2-Dichloroethane
Concen: 20.23 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion:	62	Resp:	93497
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.0



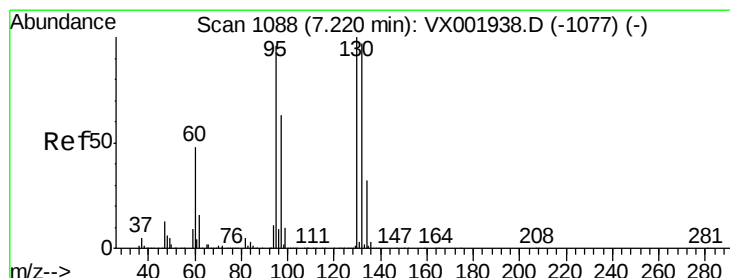
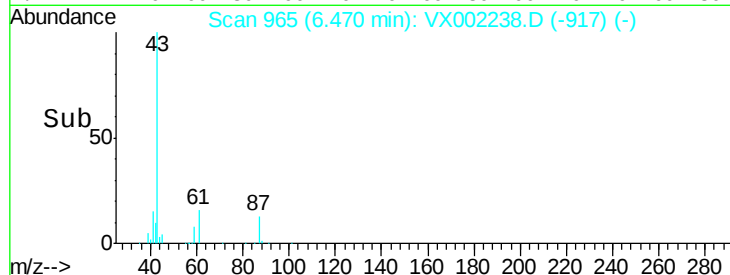
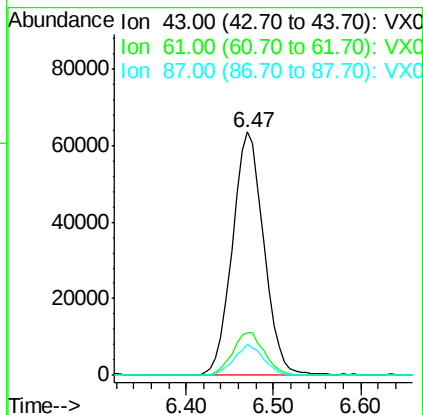
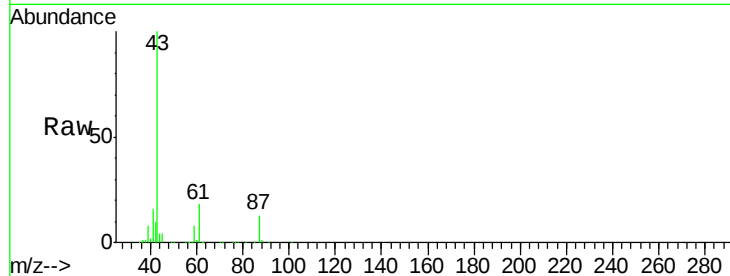


#43

Isopropyl Acetate
 Concen: 18.40 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBSD01

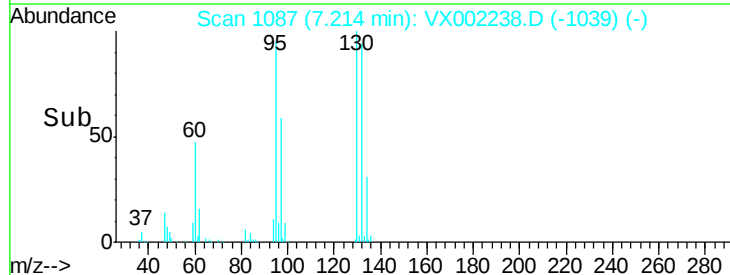
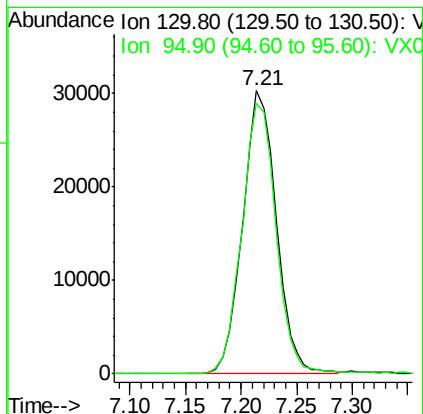
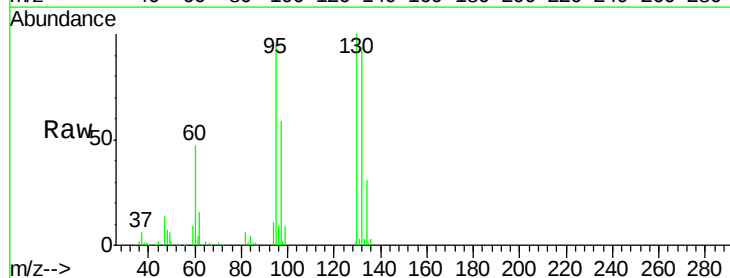
Tot Ion: 43 Resp: 157892
 Ion Ratio Lower Upper
 43 100
 61 18.2 14.5 21.7
 87 12.0 9.5 14.3

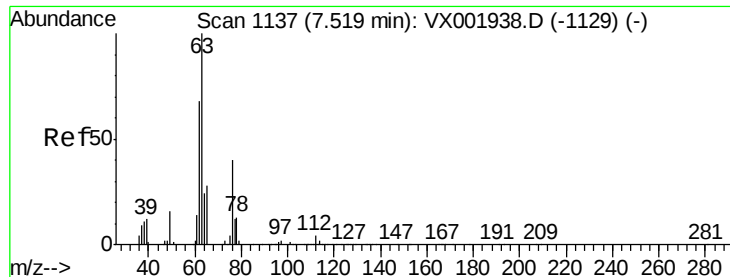


#44

Trichloroethene
 Concen: 18.95 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

Tgt Ion:130 Resp: 63899
 Ion Ratio Lower Upper
 130 100
 95 95.4 0.0 192.0





#45

1,2-Dichloropropane

Concen: 19.67 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

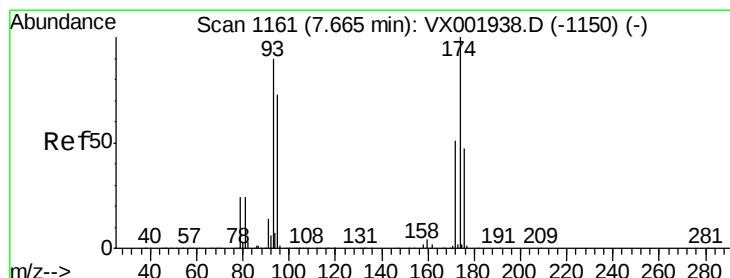
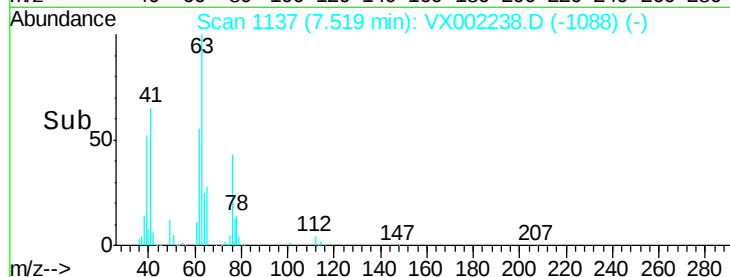
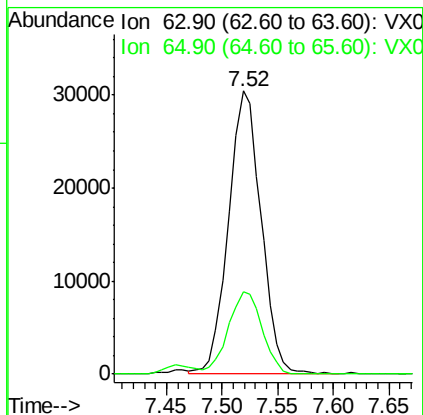
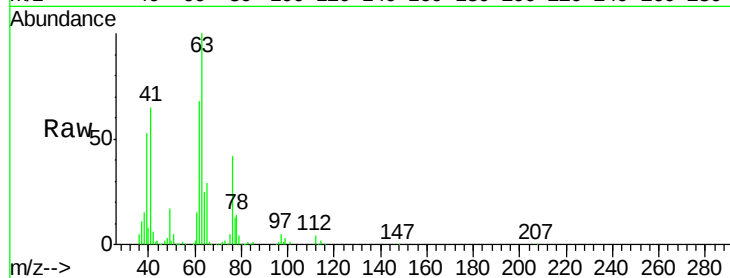
VX0602WBSD01

Tot Ion: 63 Resp: 61814

Ion Ratio Lower Upper

63 100

65 29.1 24.1 36.1



#46

Dibromomethane

Concen: 20.02 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

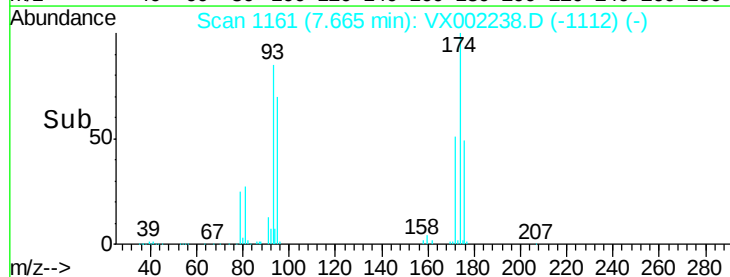
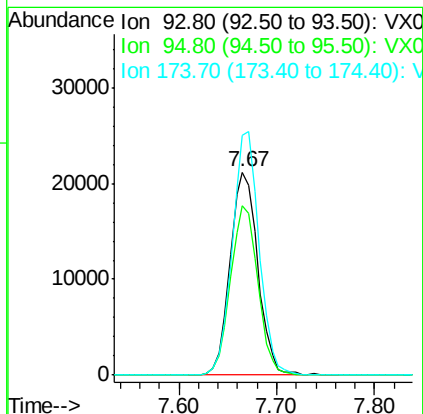
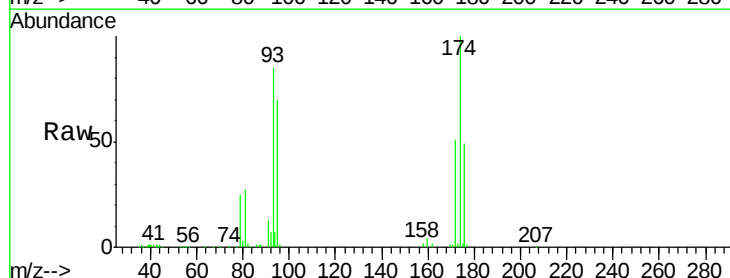
Tgt Ion: 93 Resp: 41656

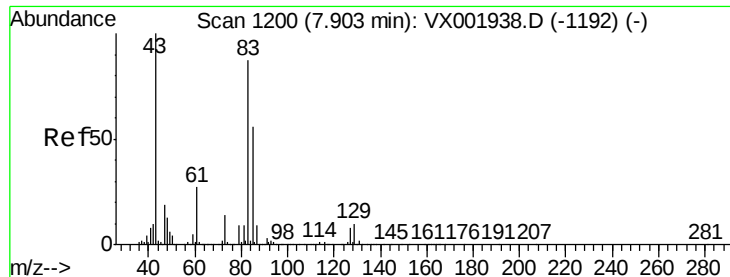
Ion Ratio Lower Upper

93 100

95 82.8 66.1 99.1

174 116.1 92.5 138.7





#47

Bromodichloromethane

Concen: 16.44 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBSD01

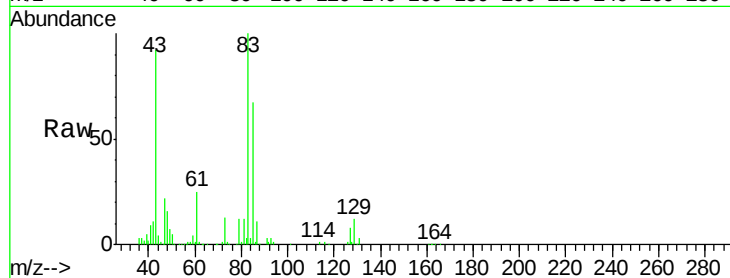
Tot Ion: 83 Resp: 72937

Ion Ratio Lower Upper

83 100

85 66.6 51.4 77.2

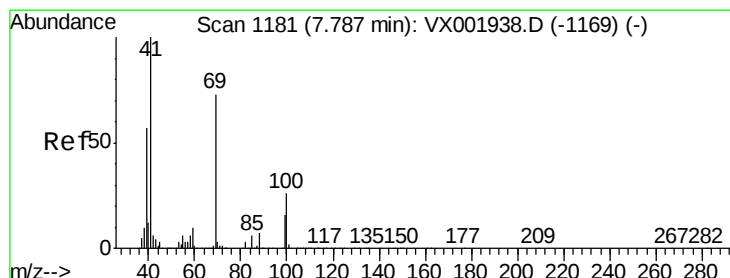
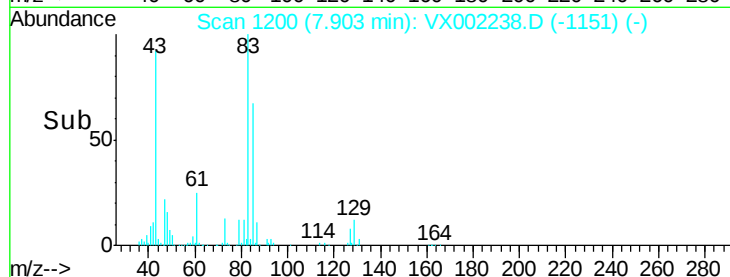
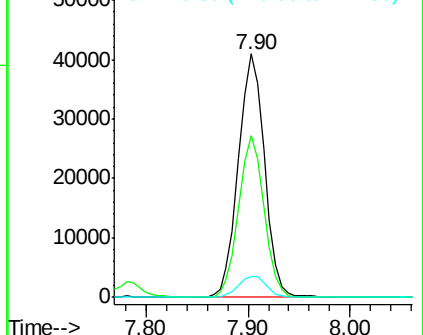
127 8.5 7.1 10.7



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: 18.62 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

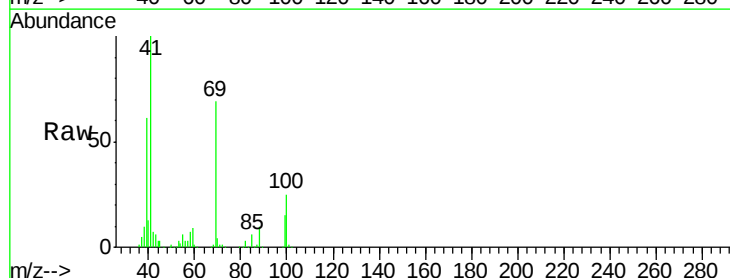
Tgt Ion: 41 Resp: 81295

Ion Ratio Lower Upper

41 100

69 72.9 58.6 87.8

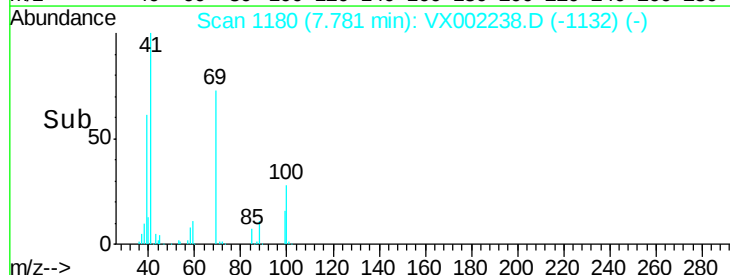
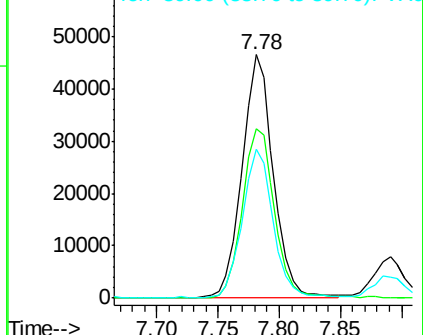
39 60.5 46.3 69.5

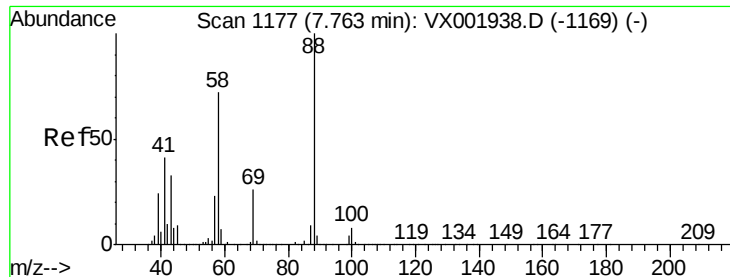


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 424.15 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBSD01

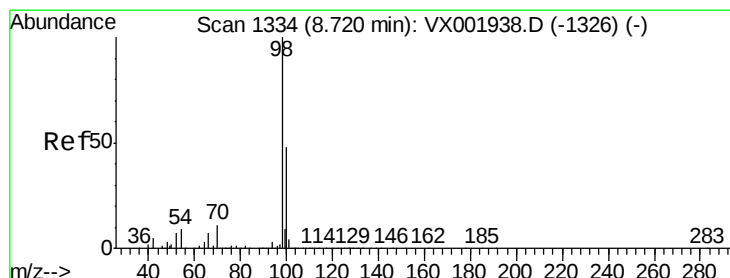
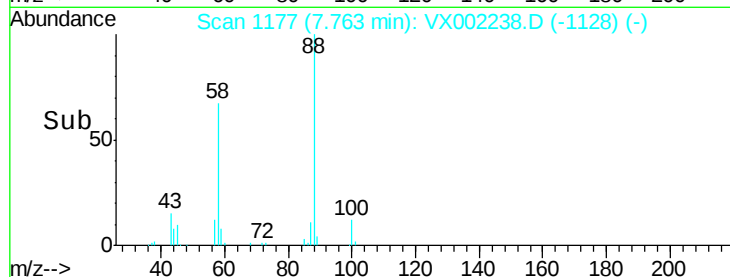
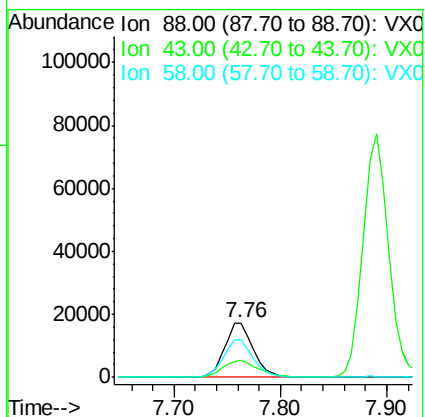
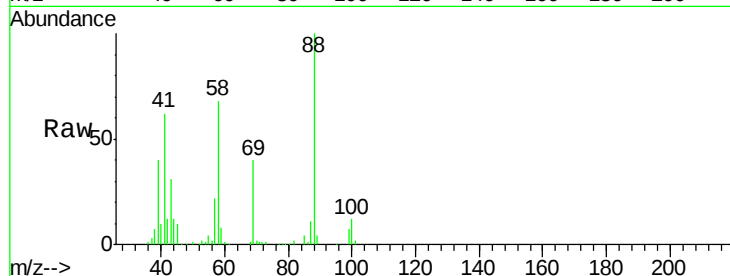
Tot Ion: 88 Resp: 32641

Ion Ratio Lower Upper

88 100

43 36.5 29.8 44.8

58 72.6 58.7 88.1



#50

Toluene-d8

Concen: 46.57 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002238.D

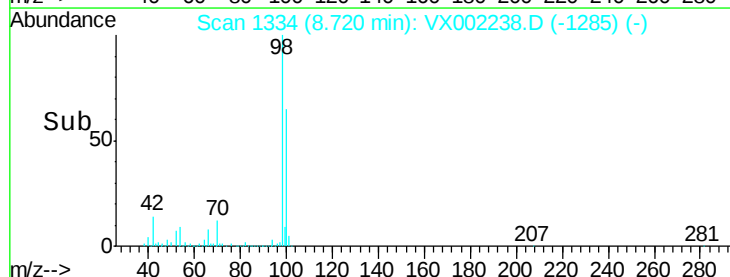
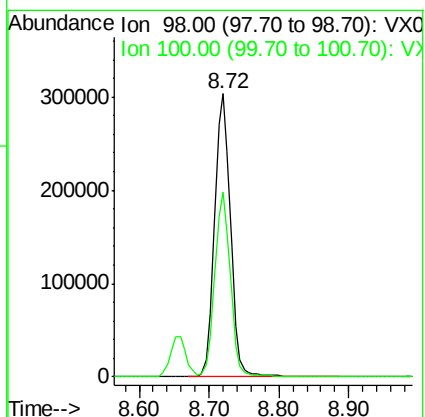
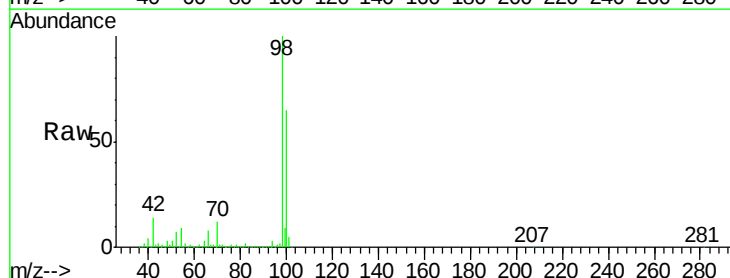
Acq: 02 Jun 2018 14:43

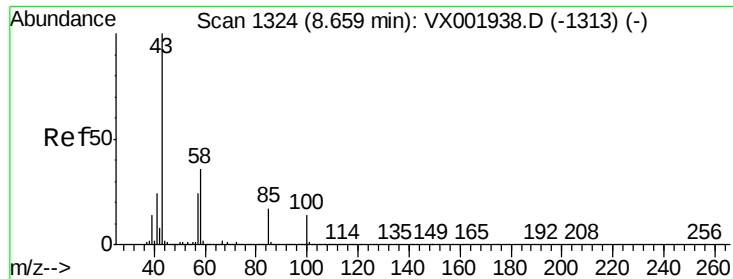
Tgt Ion: 98 Resp: 478824

Ion Ratio Lower Upper

98 100

100 64.5 51.5 77.3

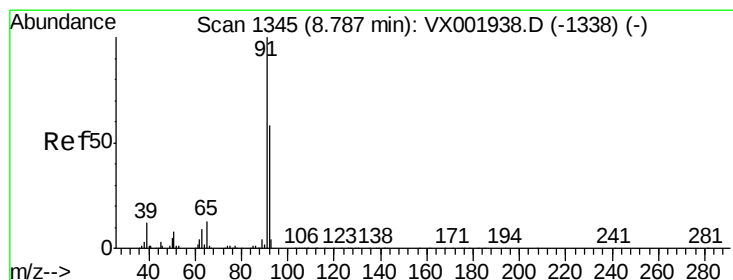
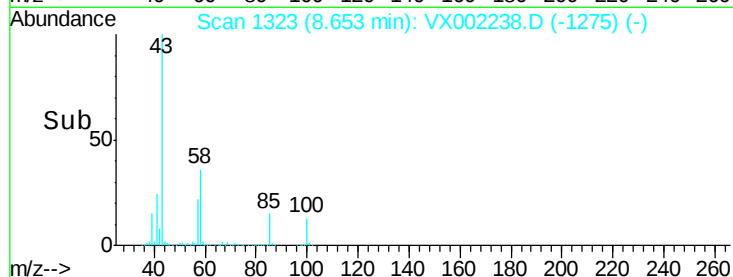
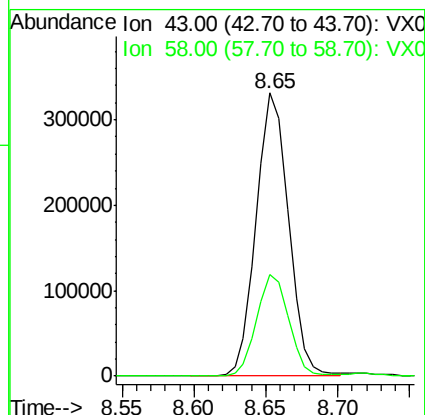
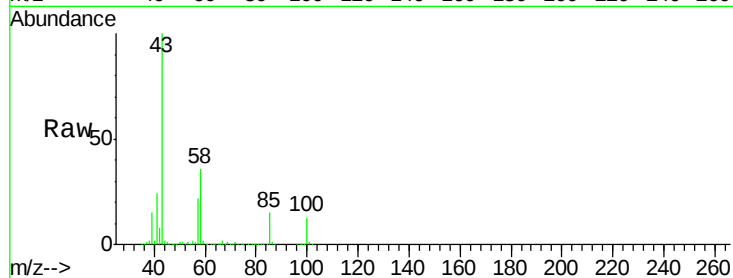




#51
4-Methyl-2-Pentanone
Concen: 99.43 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

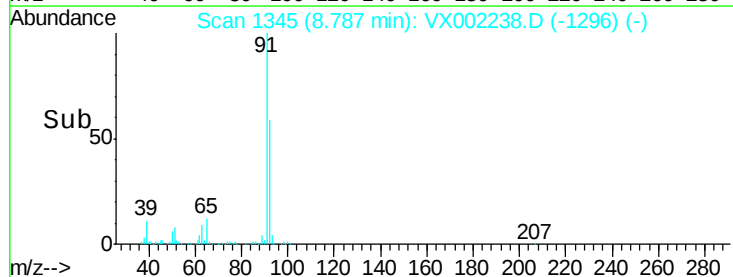
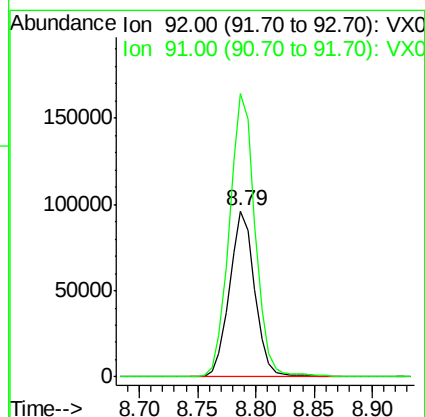
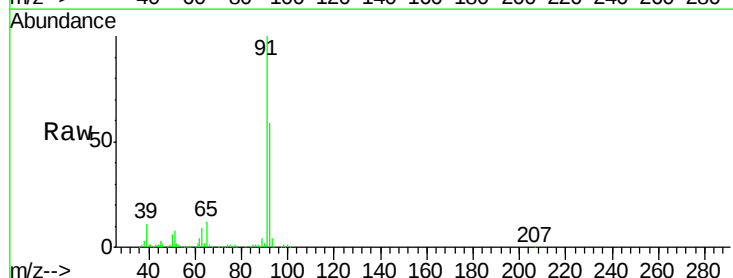
Instrument :
MSVOA_X
ClientSampleId :
VX0602WBSD01

Tot Ion: 43 Resp: 514296
Ion Ratio Lower Upper
43 100
58 35.6 28.5 42.7



#52
Toluene
Concen: 19.75 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion: 92 Resp: 145421
Ion Ratio Lower Upper
92 100
91 174.7 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 17.39 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

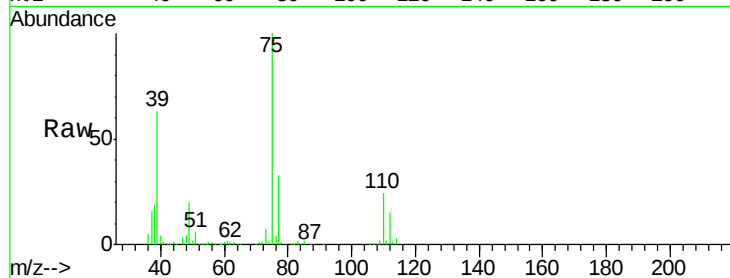
VX0602WBSD01

Tot Ion: 75 Resp: 88851

Ion Ratio Lower Upper

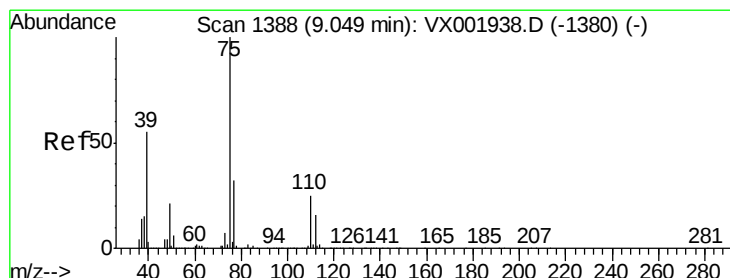
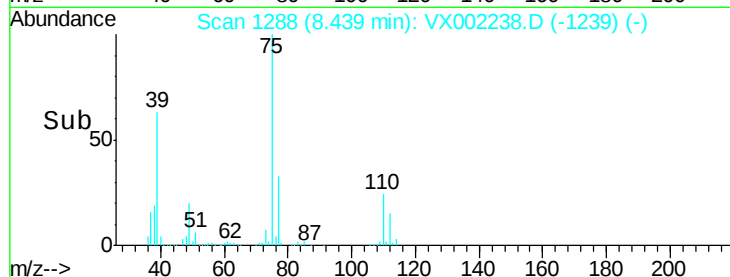
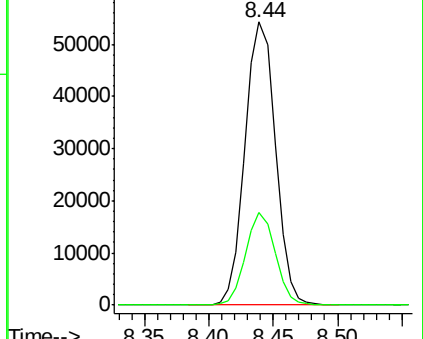
75 100

77 32.8 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 16.85 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

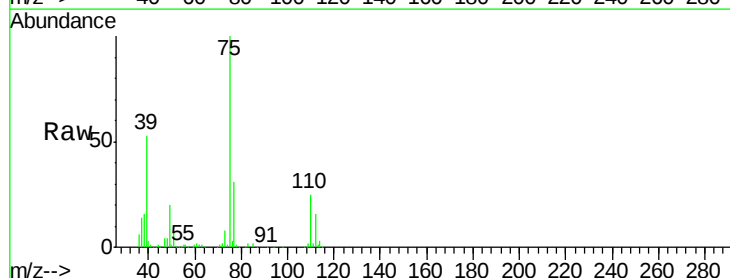
Tgt Ion: 75 Resp: 83919

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0

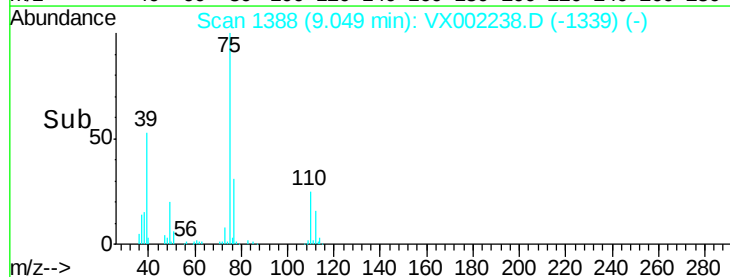
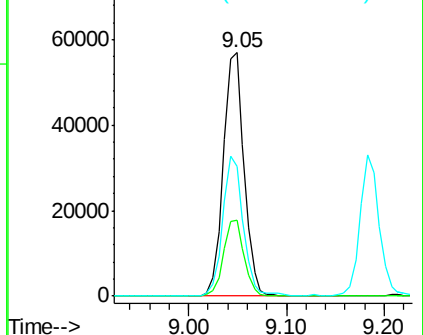
39 53.1 44.1 66.1



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: 20.64 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBSD01

Tot Ion: 97 Resp: 63500

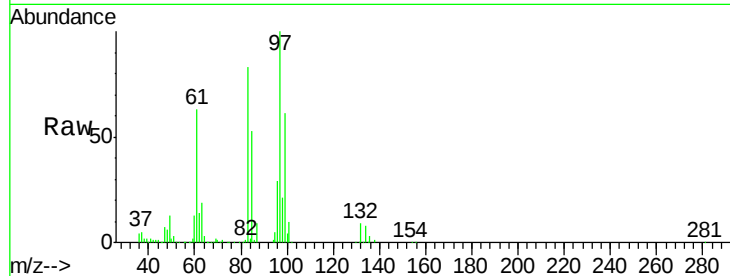
Ion Ratio Lower Upper

97 100

83 83.5 69.1 103.7

85 53.0 45.2 67.8

99 60.6 49.6 74.4

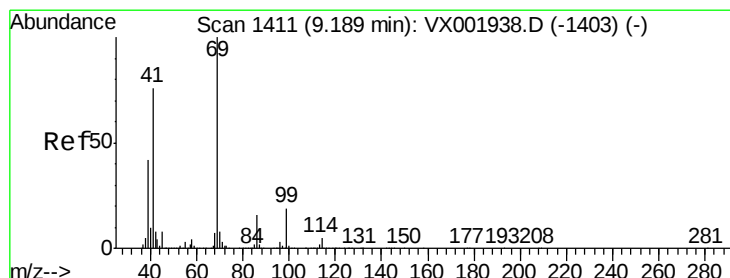
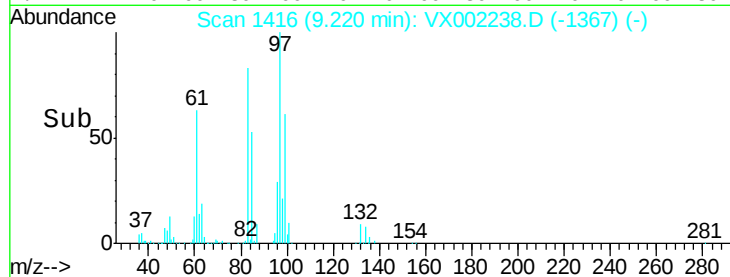
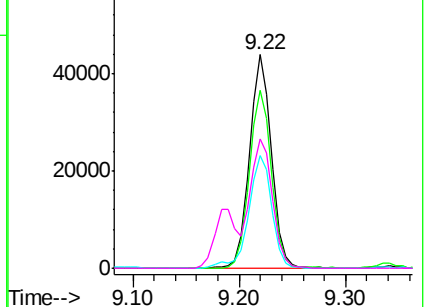


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 17.92 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

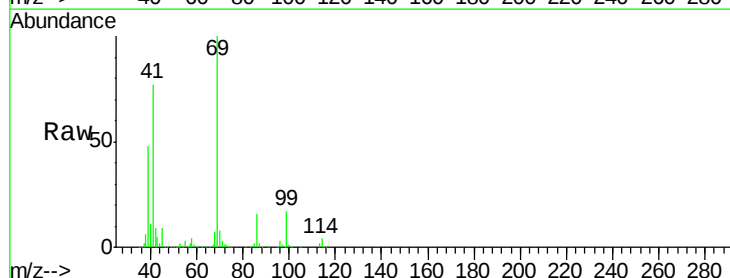
Tgt Ion: 69 Resp: 94818

Ion Ratio Lower Upper

69 100

41 76.4 61.0 91.6

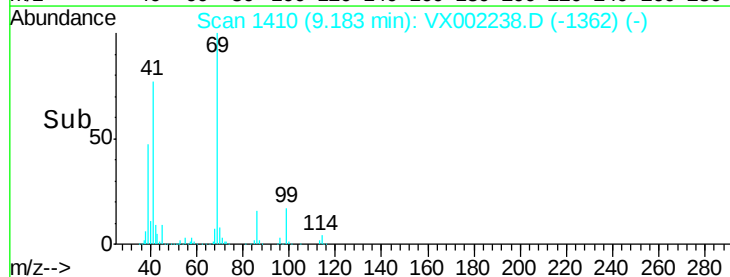
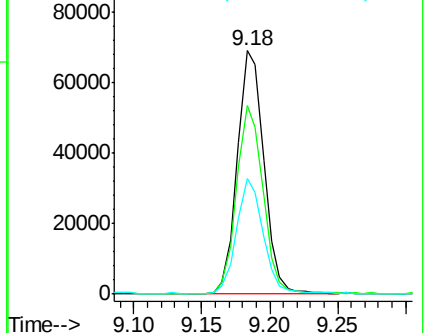
39 47.1 34.4 51.6

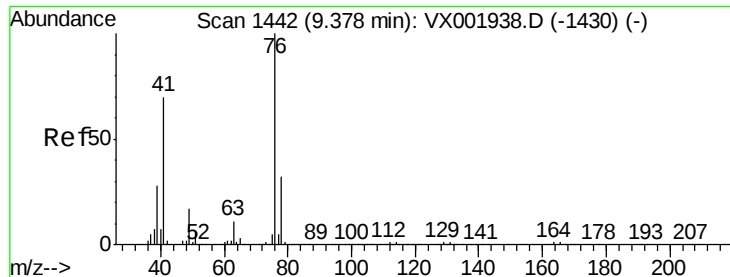


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.26 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

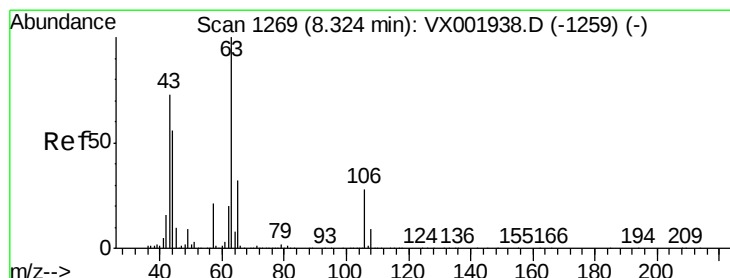
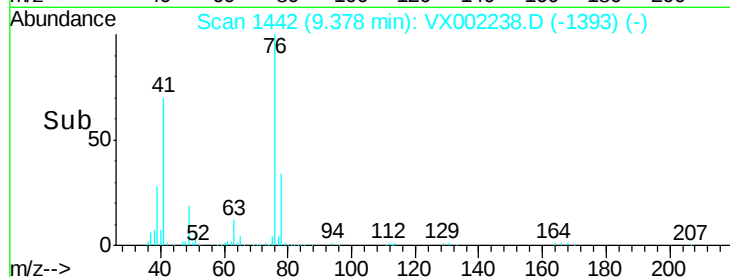
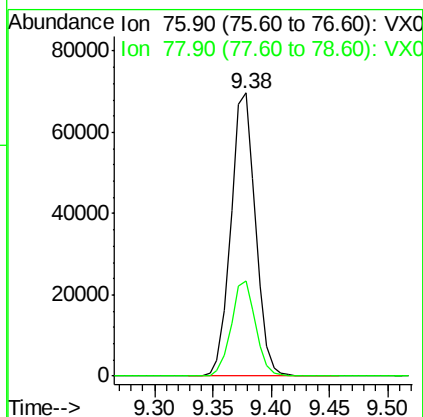
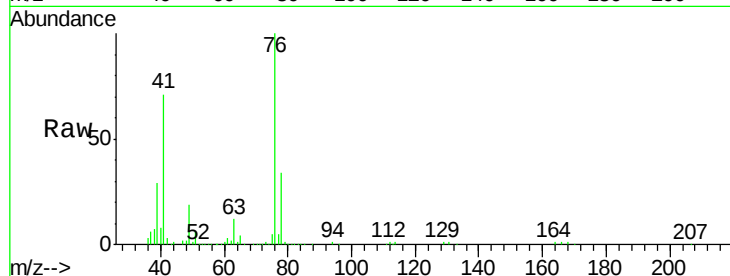
VX0602WBSD01

Tot Ion: 76 Resp: 102679

Ion Ratio Lower Upper

76 100

78 33.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 89.96 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002238.D

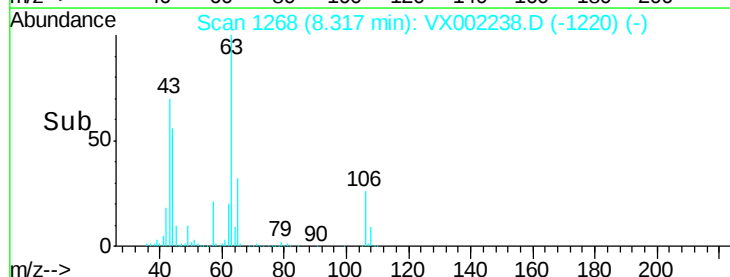
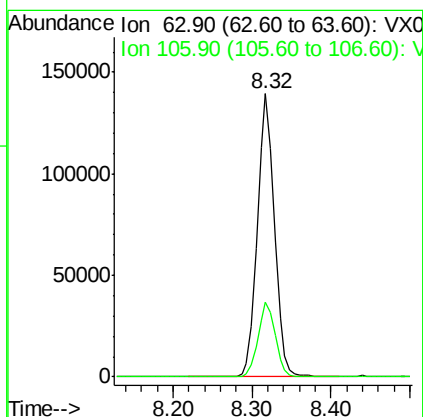
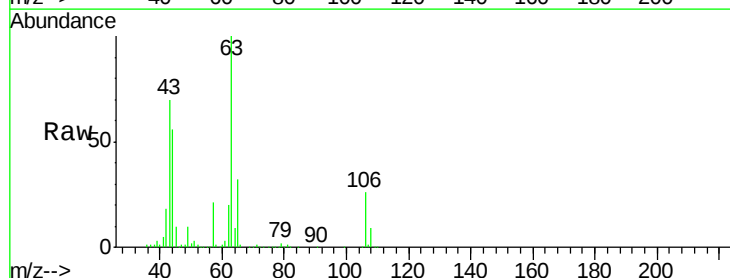
Acq: 02 Jun 2018 14:43

Tgt Ion: 63 Resp: 211011

Ion Ratio Lower Upper

63 100

106 26.6 21.7 32.5

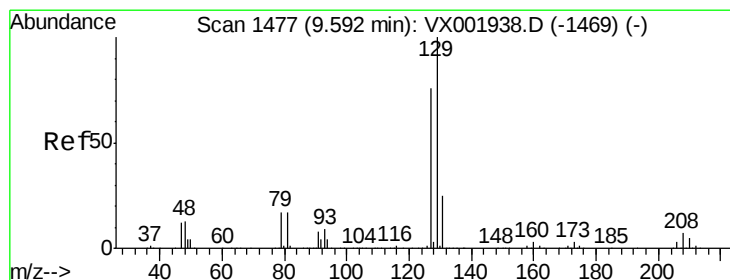
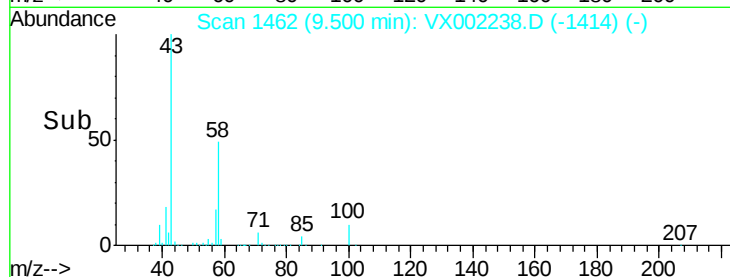
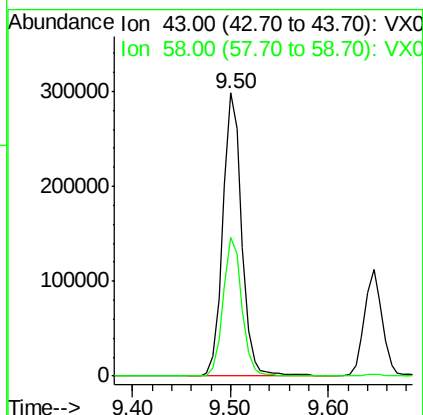
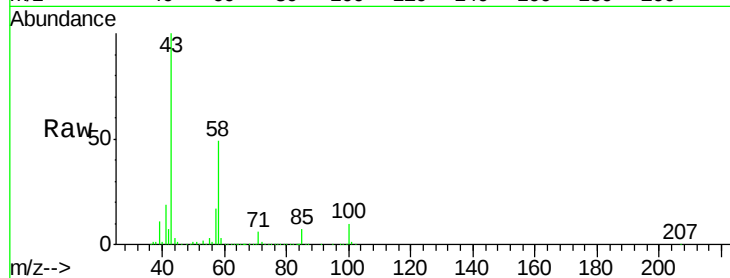




#59
2-Hexanone
Concen: 99.99 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

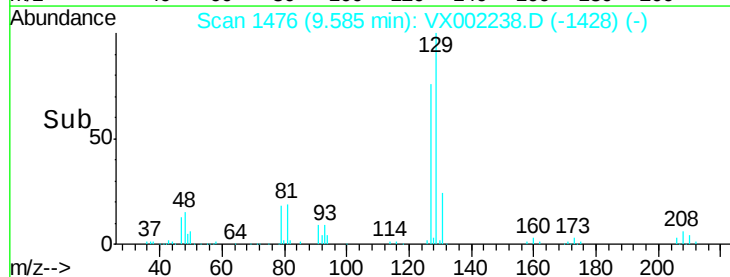
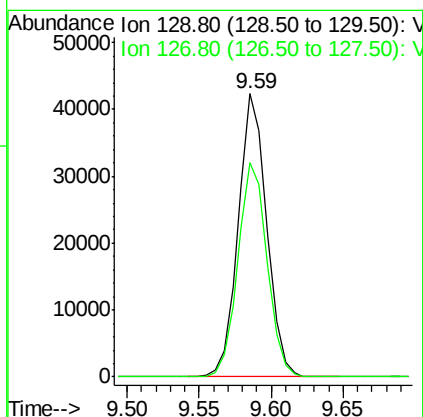
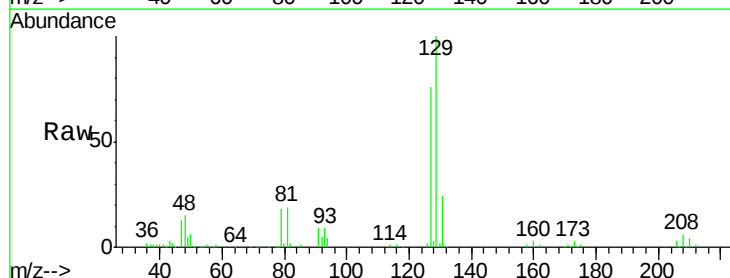
Instrument :
MSVOA_X
ClientSampleId :
VX0602WBSD01

Tot Ion: 43 Resp: 398798
Ion Ratio Lower Upper
43 100
58 49.1 24.9 74.6



#60
Dibromochloromethane
Concen: 15.92 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion: 129 Resp: 57998
Ion Ratio Lower Upper
129 100
127 77.6 38.3 114.9





#61

1,2-Dibromoethane

Concen: 19.72 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

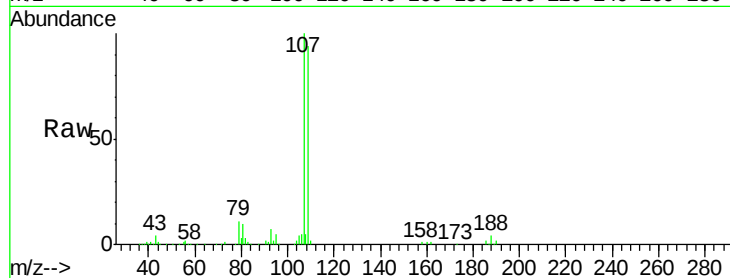
VX0602WBSD01

Tot Ion:107 Resp: 63648

Ion Ratio Lower Upper

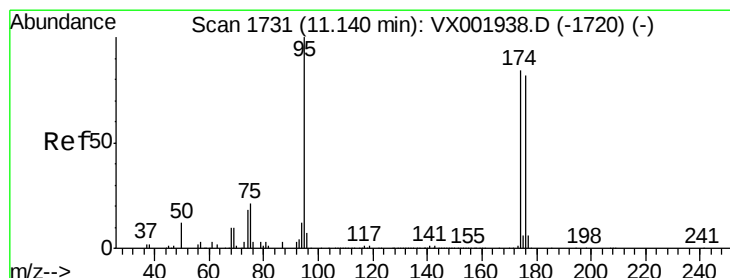
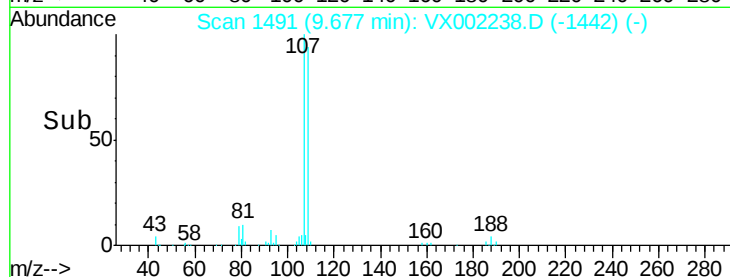
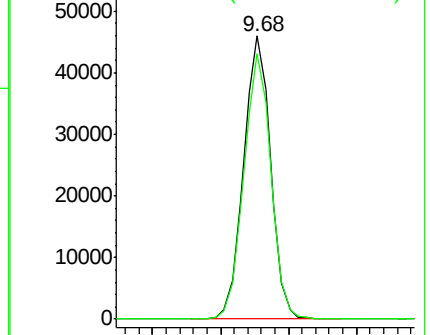
107 100

109 94.6 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.77 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

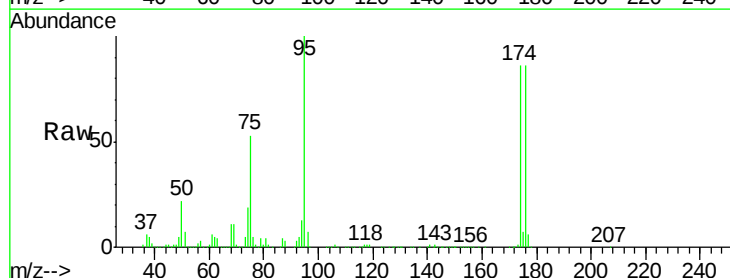
Tgt Ion: 95 Resp: 184096

Ion Ratio Lower Upper

95 100

174 93.8 0.0 178.8

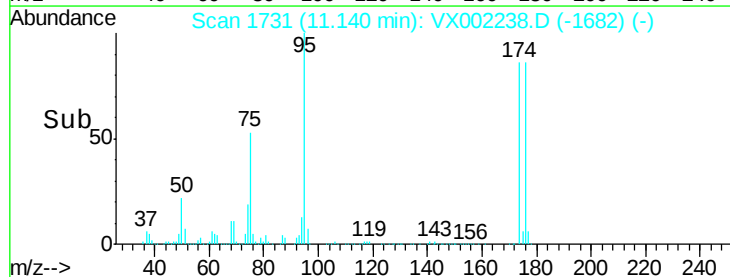
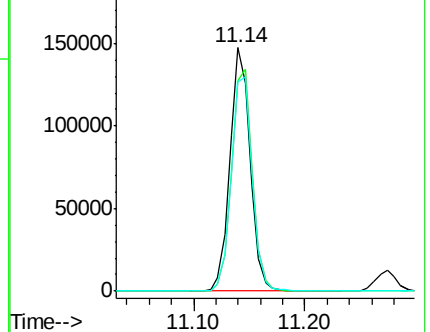
176 91.8 0.0 175.6



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

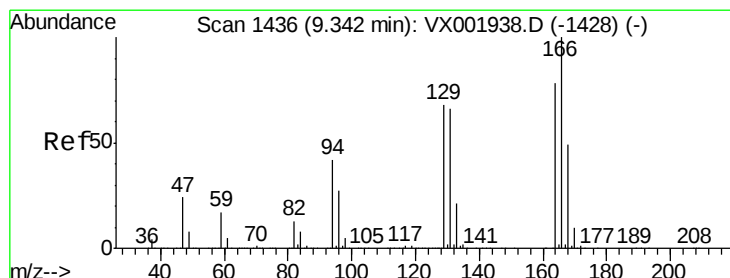
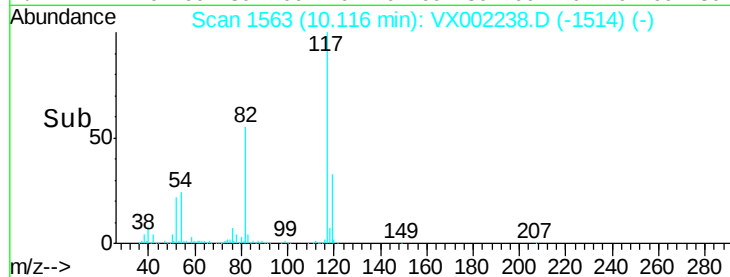
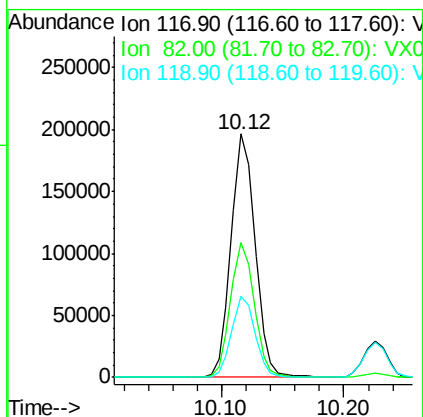
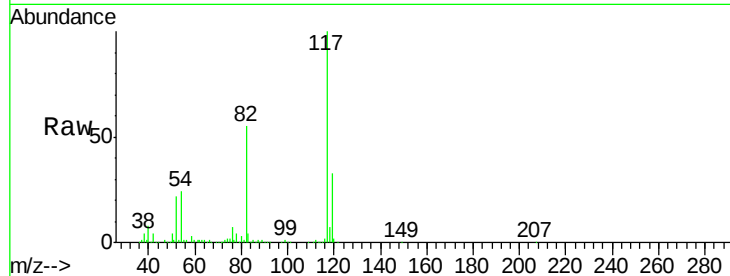




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

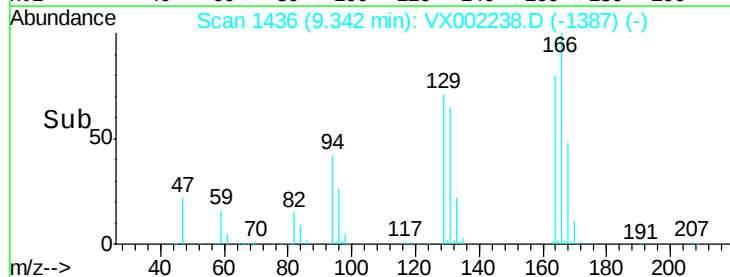
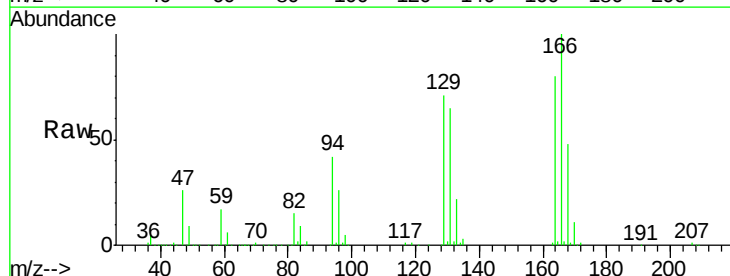
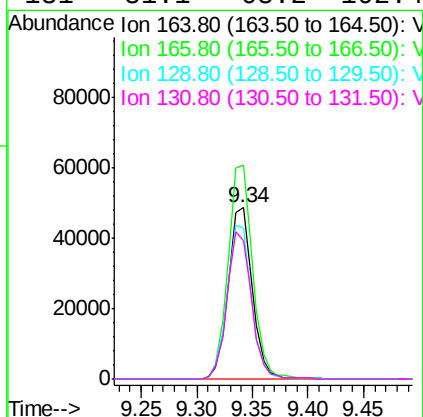
Instrument :
MSVOA_X
ClientSampled :
VX0602WBSD01

Tot Ion:117 Resp: 267897
Ion Ratio Lower Upper
117 100
82 55.1 44.8 67.2
119 33.0 25.5 38.3



#64
Tetrachloroethene
Concen: 19.02 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion:164 Resp: 73069
Ion Ratio Lower Upper
164 100
166 124.9 102.7 154.1
129 88.3 70.3 105.5
131 81.1 68.2 102.4





#65

Chlorobenzene

Concen: 19.52 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

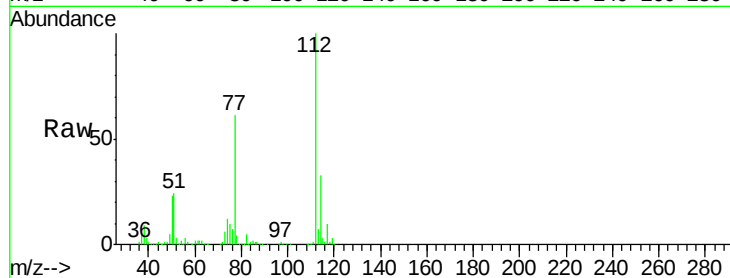
VX0602WBSD01

Tot Ion:112 Resp: 165673

Ion Ratio Lower Upper

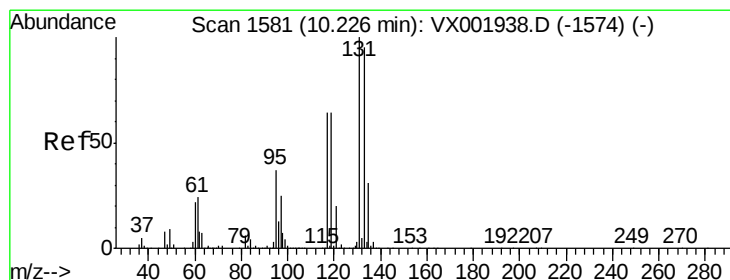
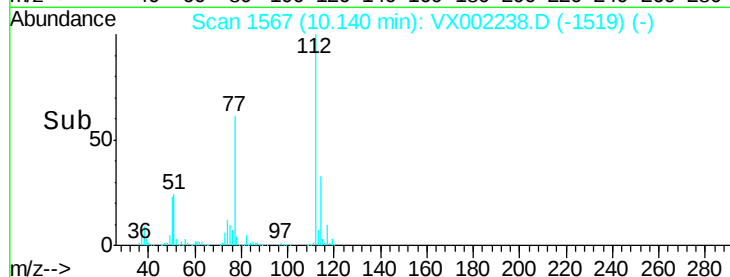
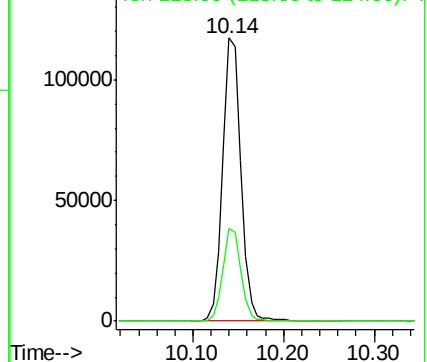
112 100

114 32.7 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 17.56 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

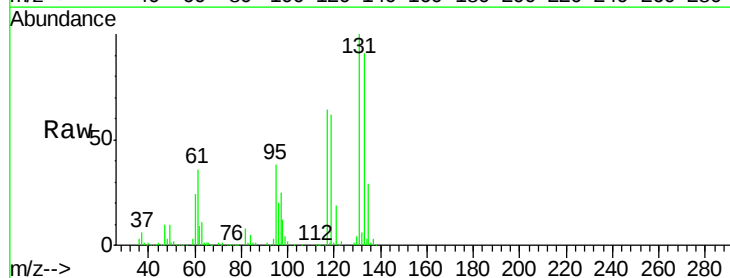
Tgt Ion:131 Resp: 60172

Ion Ratio Lower Upper

131 100

133 93.9 48.0 144.0

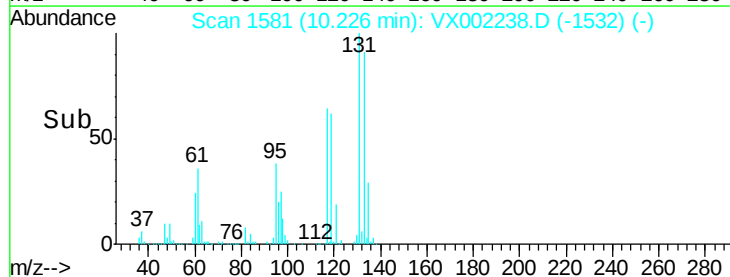
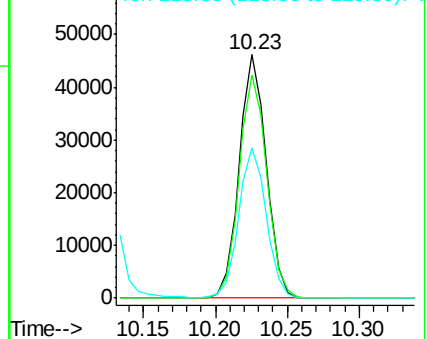
119 63.2 31.9 95.5

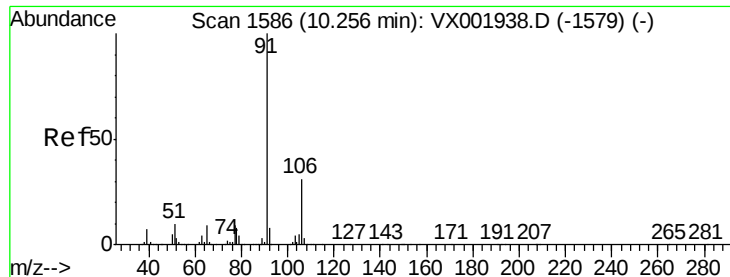


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.27 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

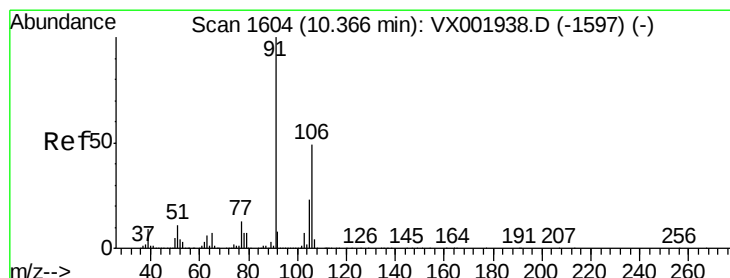
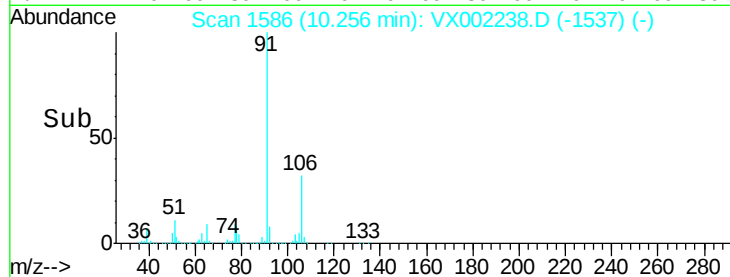
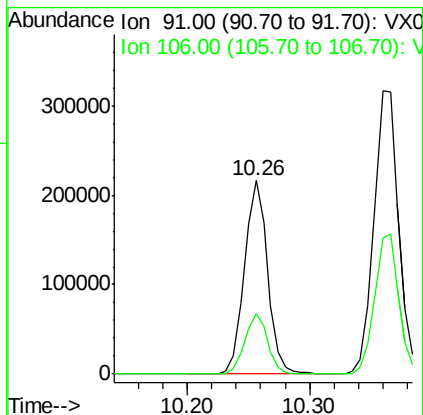
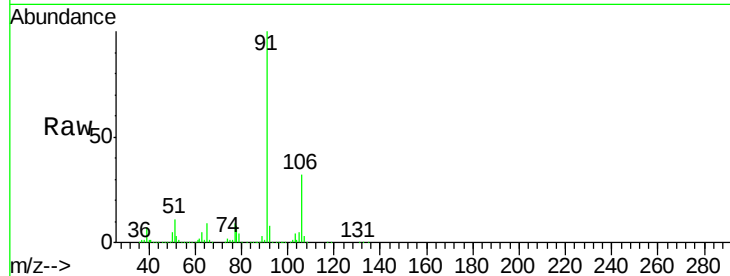
VX0602WBSD01

Tot Ion: 91 Resp: 284210

Ion Ratio Lower Upper

91 100

106 31.6 25.0 37.6



#68

m/p-Xylenes

Concen: 38.63 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002238.D

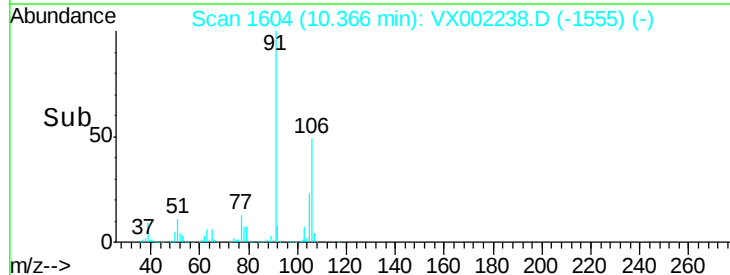
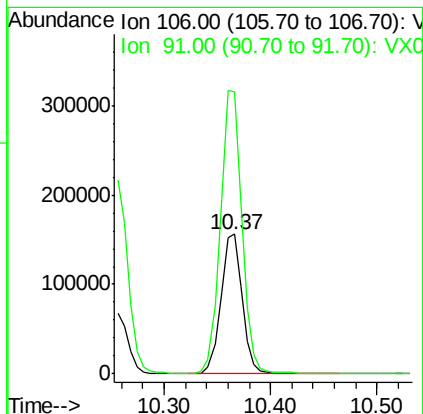
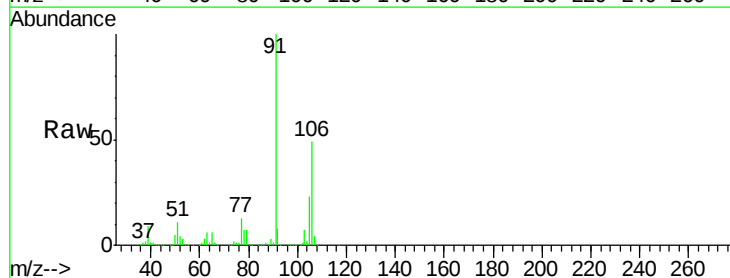
Acq: 02 Jun 2018 14:43

Tgt Ion: 106 Resp: 217751

Ion Ratio Lower Upper

106 100

91 206.7 165.0 247.6

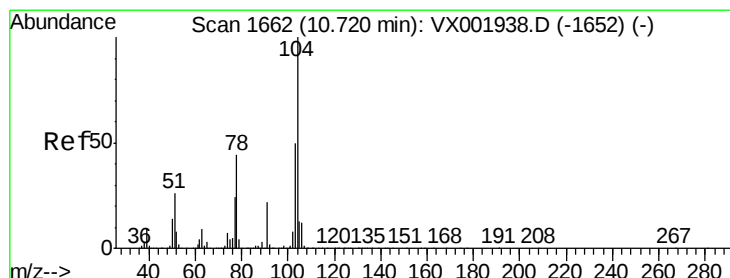
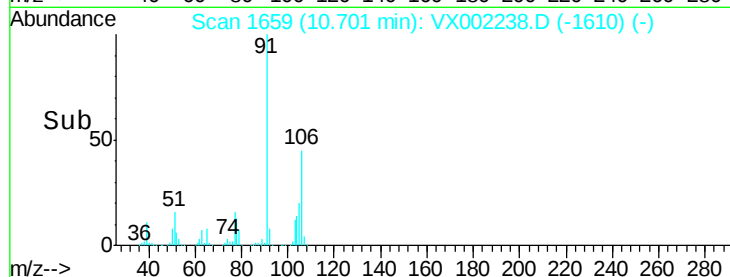
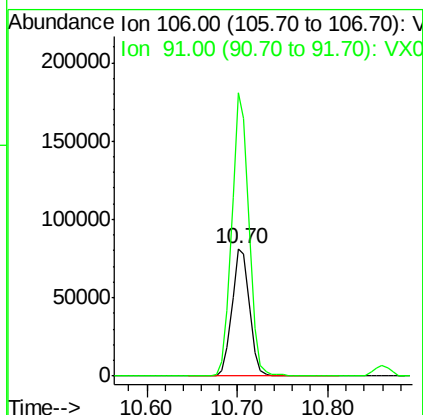
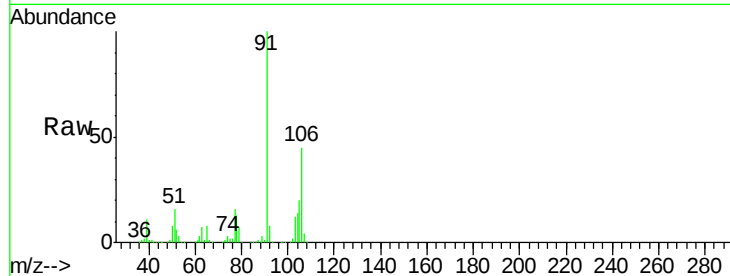




#69
o-Xylene
Concen: 19.29 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

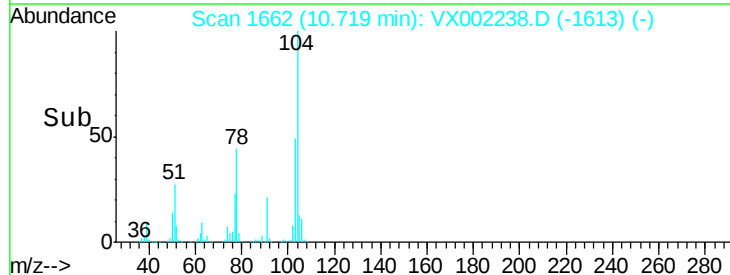
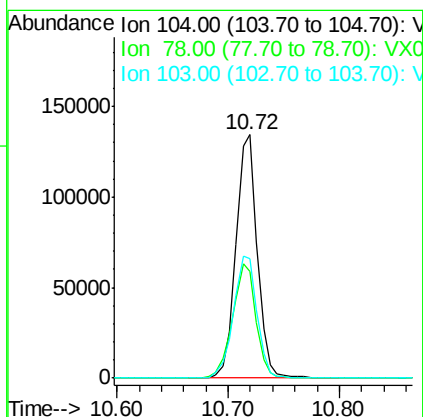
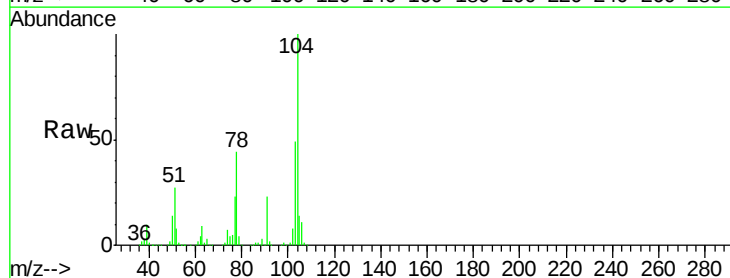
Instrument :
MSVOA_X
ClientSampleId :
VX0602WBSD01

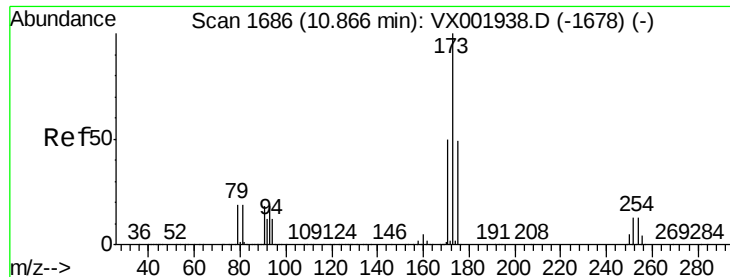
Tot Ion:106 Resp: 108574
Ion Ratio Lower Upper
106 100
91 217.3 108.7 325.9



#70
Styrene
Concen: 19.10 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion:104 Resp: 178331
Ion Ratio Lower Upper
104 100
78 51.7 41.8 62.6
103 55.5 44.6 67.0





#71

Bromoform

Concen: 13.37 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBSD01

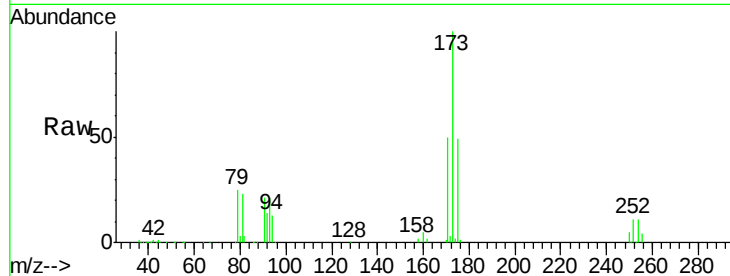
Tot Ion:173 Resp: 43437

Ion Ratio Lower Upper

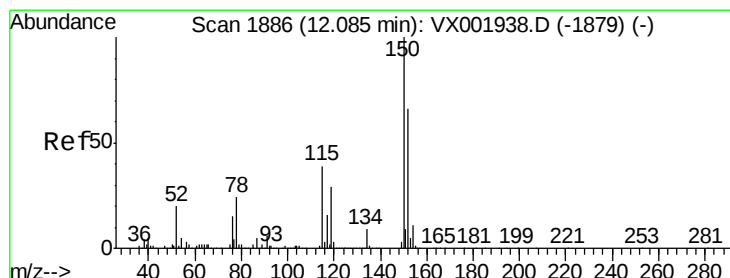
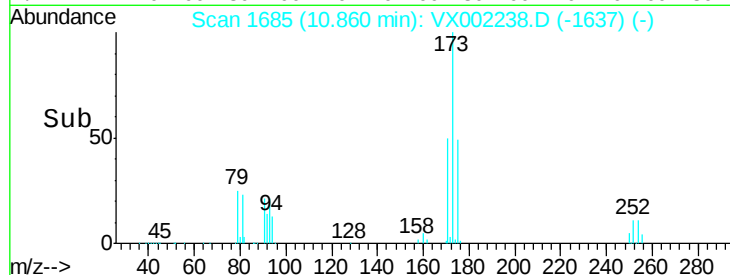
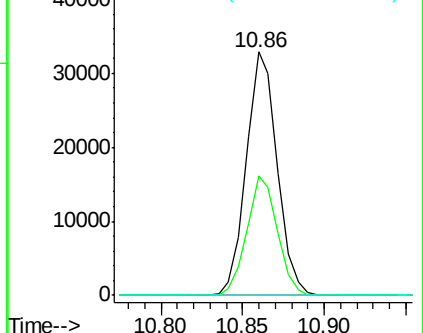
173 100

175 48.4 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: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

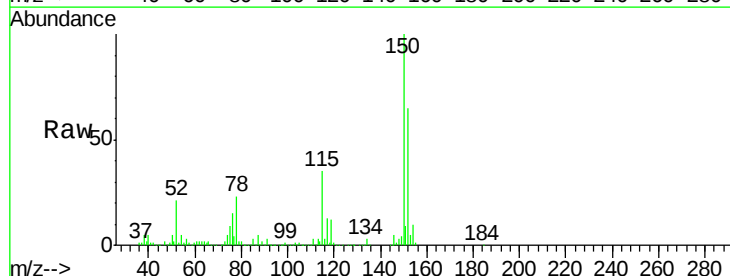
Tgt Ion:152 Resp: 182264

Ion Ratio Lower Upper

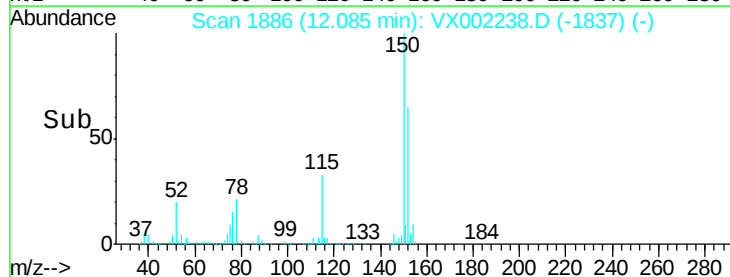
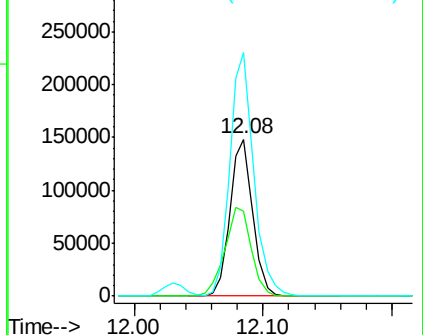
152 100

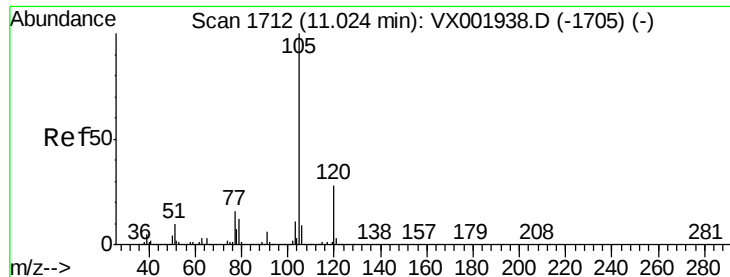
115 66.5 42.3 126.8

150 164.2 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: 19.02 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

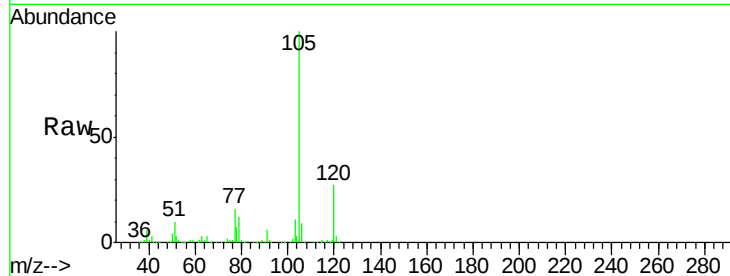
VX0602WBSD01

Tot Ion:105 Resp: 293527

Ion Ratio Lower Upper

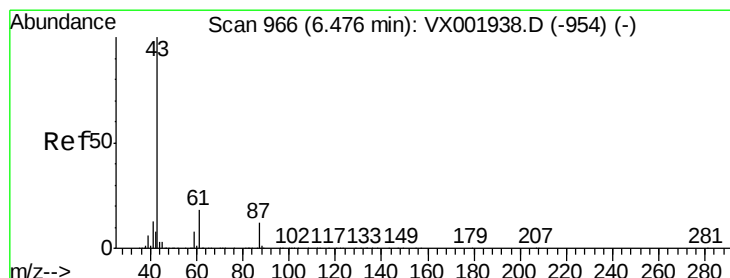
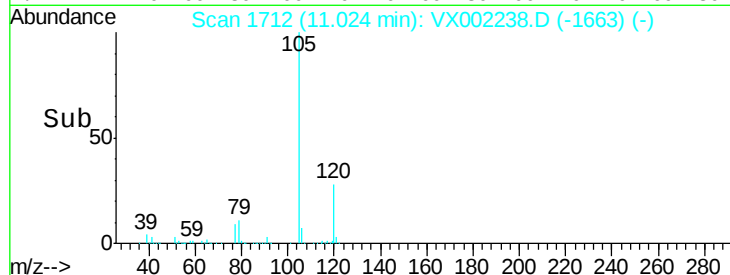
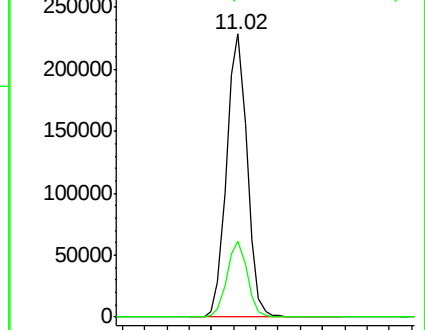
105 100

120 26.7 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: 17.68 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Tgt Ion: 43 Resp: 157892

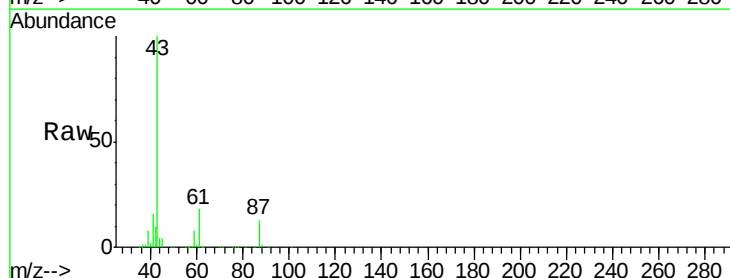
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.1 0.1 0.1

61 18.2 14.5 21.7

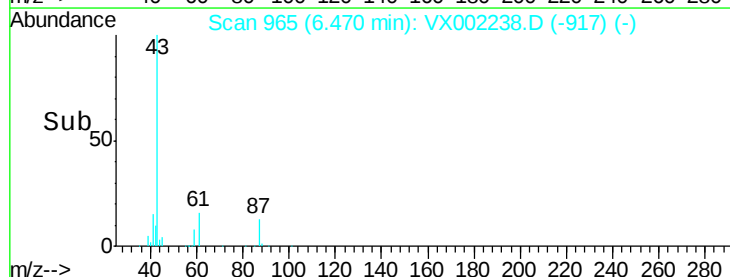
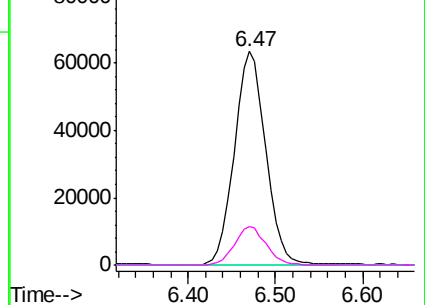


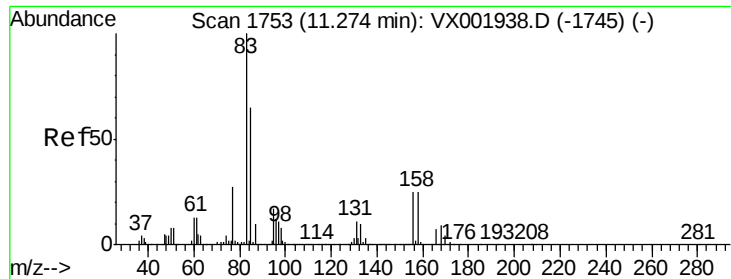
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.54 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBSD01

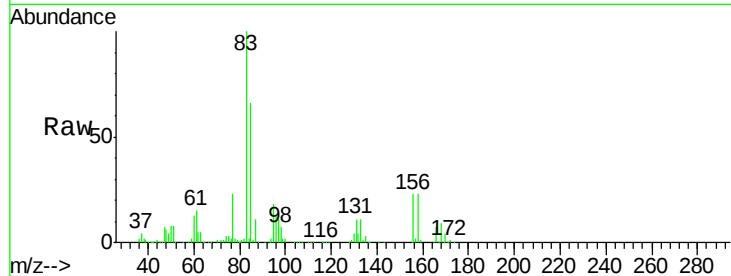
Tot Ion: 83 Resp: 89851

Ion Ratio Lower Upper

83 100

131 10.7 5.7 17.0

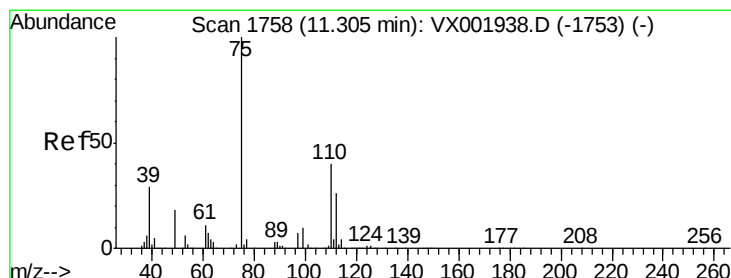
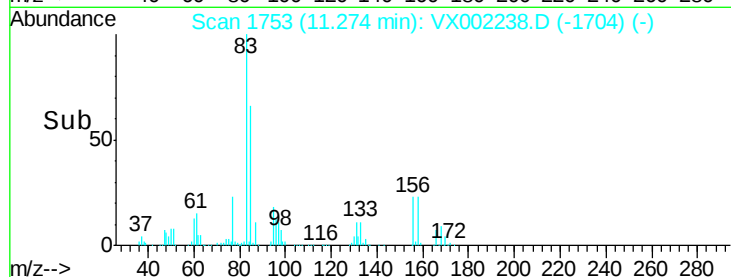
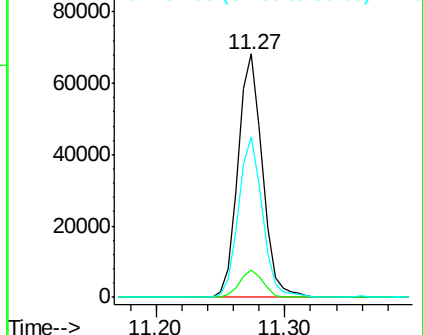
85 64.7 32.6 97.7



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: 24.77 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002238.D

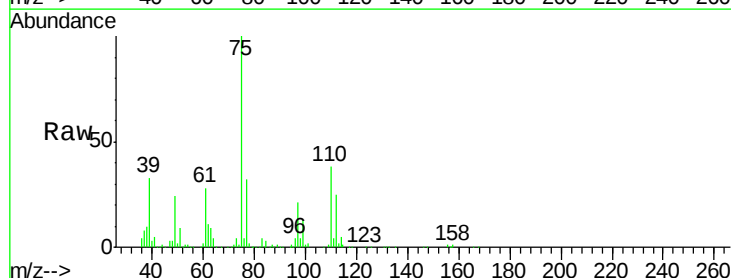
Acq: 02 Jun 2018 14:43

Tgt Ion: 75 Resp: 108452

Ion Ratio Lower Upper

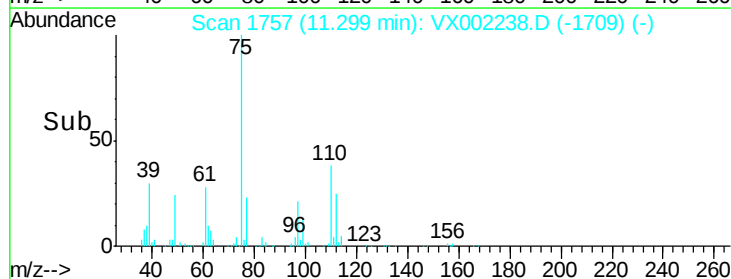
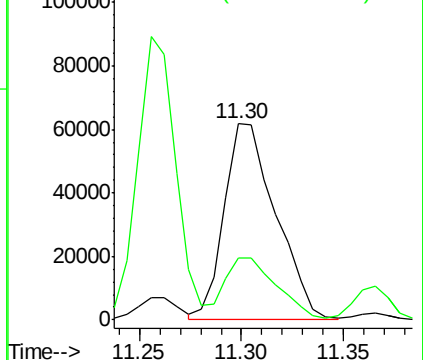
75 100

77 32.6 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: 19.70 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBSD01

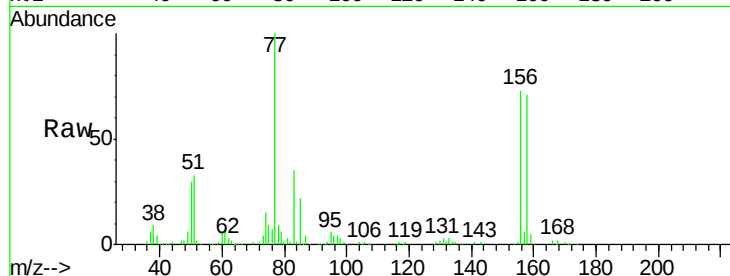
Tot Ion:156 Resp: 80684

Ion Ratio Lower Upper

156 100

77 142.7 75.2 225.6

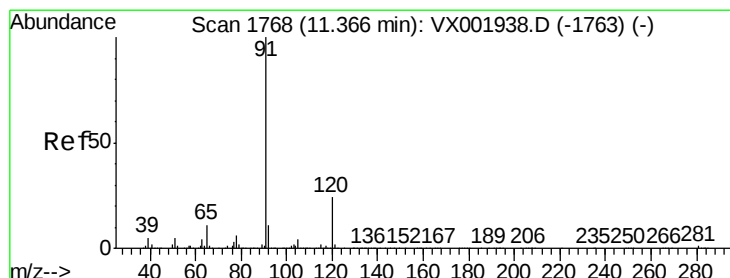
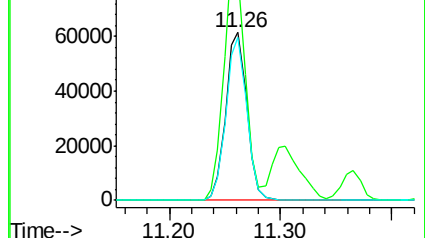
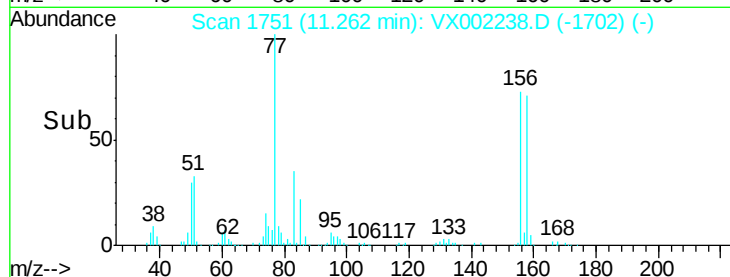
158 95.9 48.6 145.8



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: 19.13 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002238.D

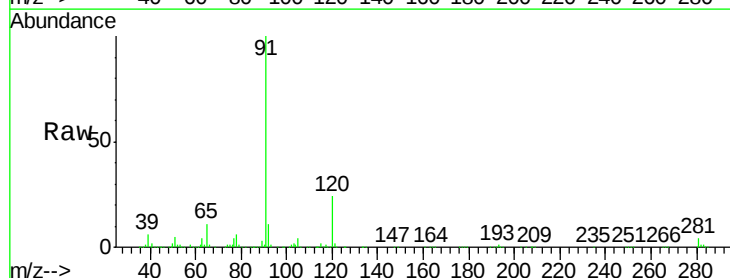
Acq: 02 Jun 2018 14:43

Tgt Ion: 91 Resp: 330654

Ion Ratio Lower Upper

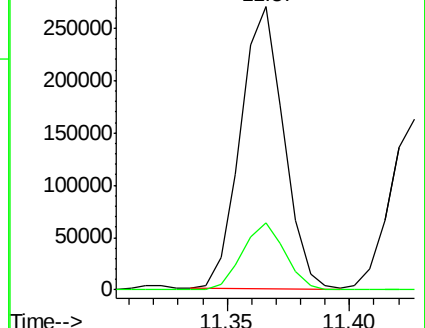
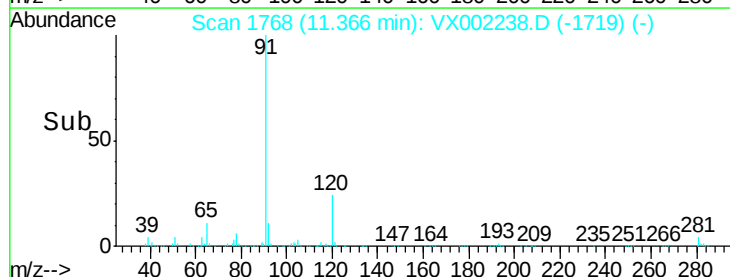
91 100

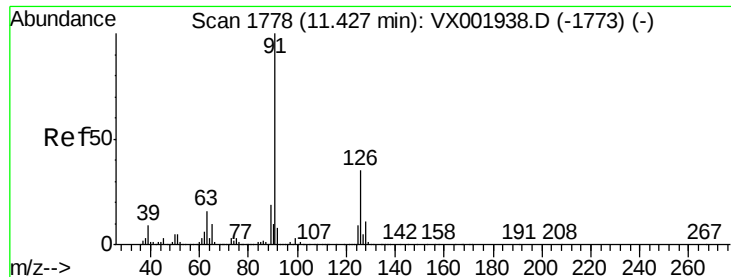
120 23.8 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.89 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

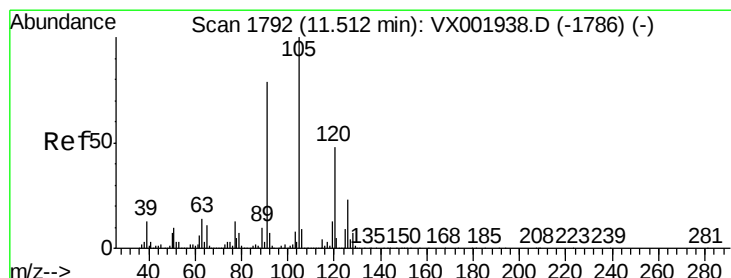
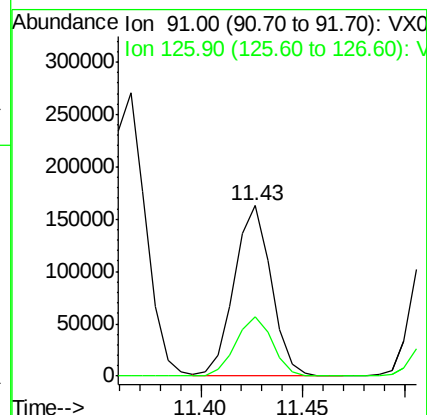
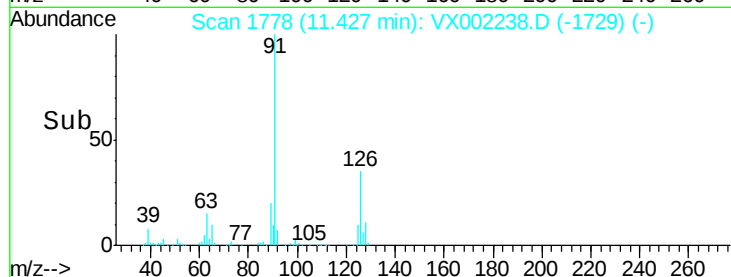
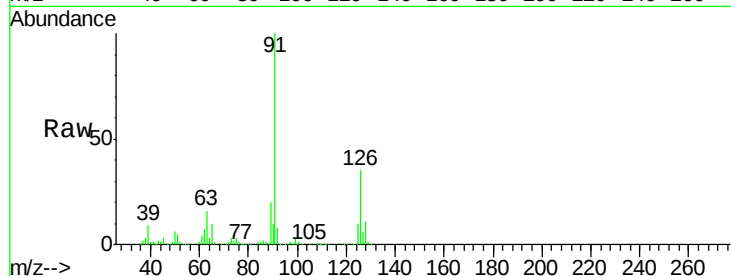
VX0602WBSD01

Tot Ion: 91 Resp: 201747

Ion Ratio Lower Upper

91 100

126 35.2 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 18.94 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002238.D

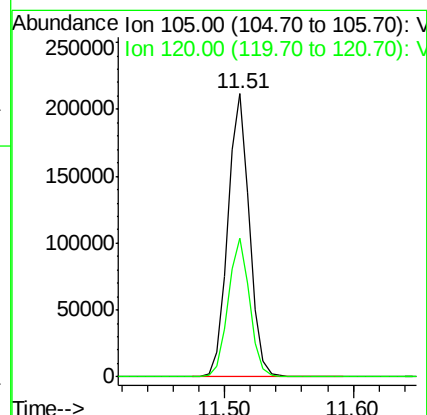
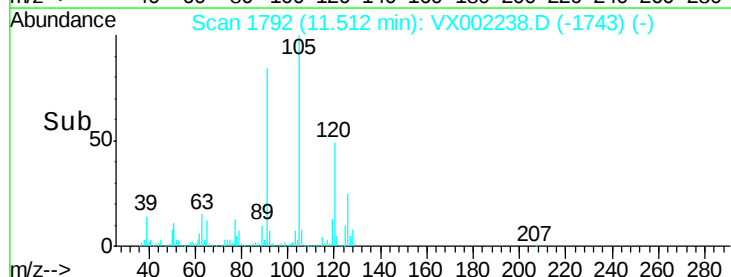
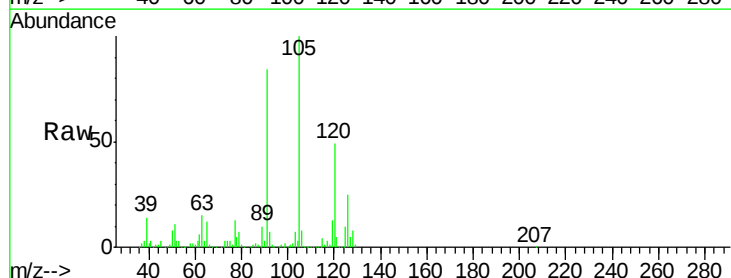
Acq: 02 Jun 2018 14:43

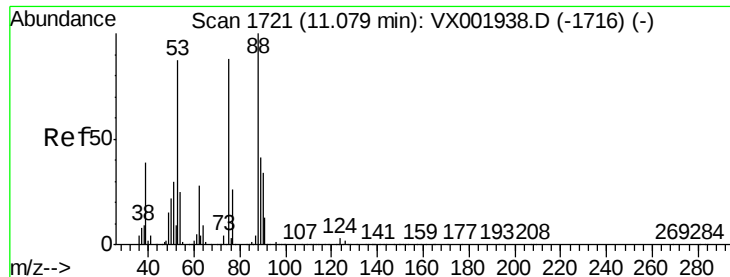
Tgt Ion: 105 Resp: 249877

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 12.73 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBSD01

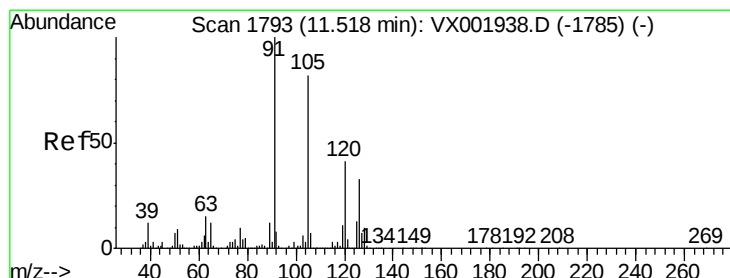
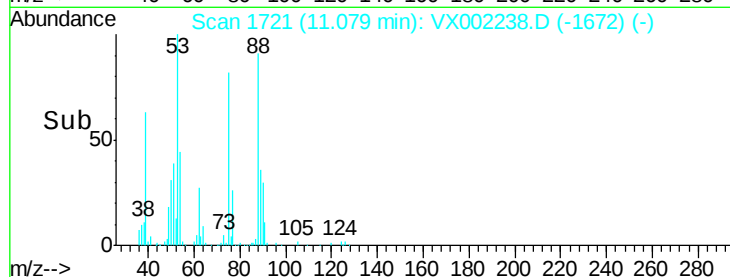
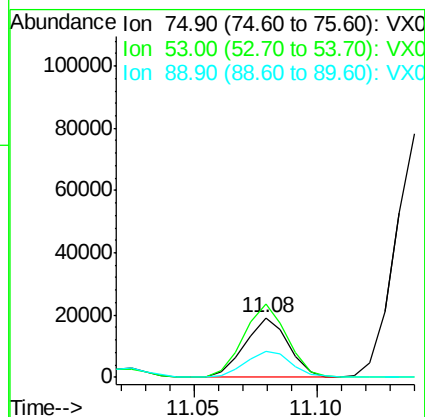
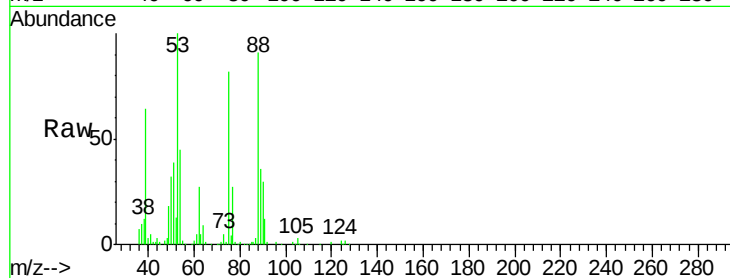
Tot Ion: 75 Resp: 23197

Ion Ratio Lower Upper

75 100

53 123.9 78.0 117.0#

89 47.8 39.4 59.2



#82

4-Chlorotoluene

Concen: 19.17 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX002238.D

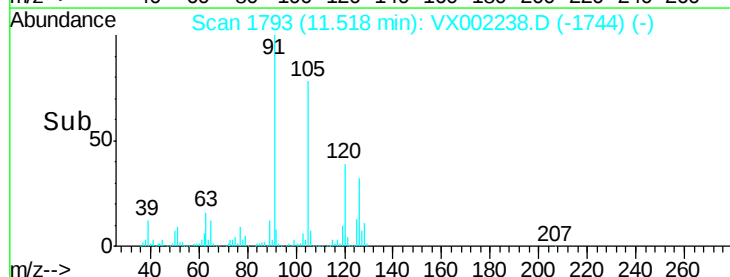
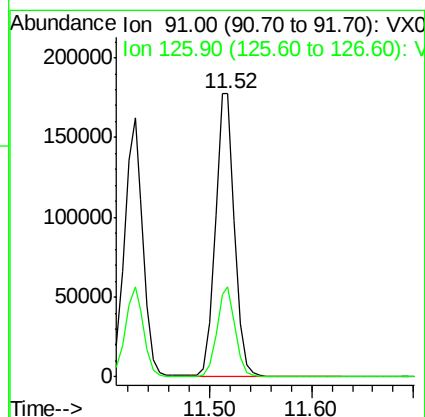
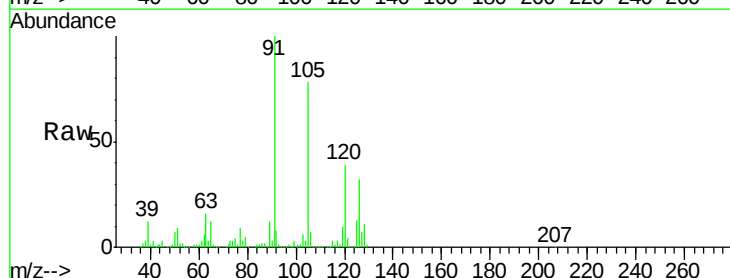
Acq: 02 Jun 2018 14:43

Tgt Ion: 91 Resp: 233752

Ion Ratio Lower Upper

91 100

126 30.7 15.3 45.8





#83

tert-Butylbenzene

Concen: 18.52 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBSD01

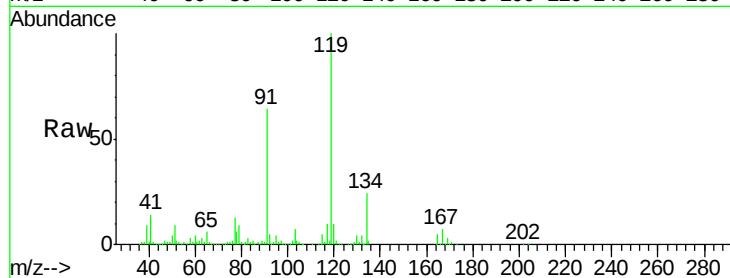
Tot Ion:119 Resp: 239757

Ion Ratio Lower Upper

119 100

91 61.5 30.6 91.8

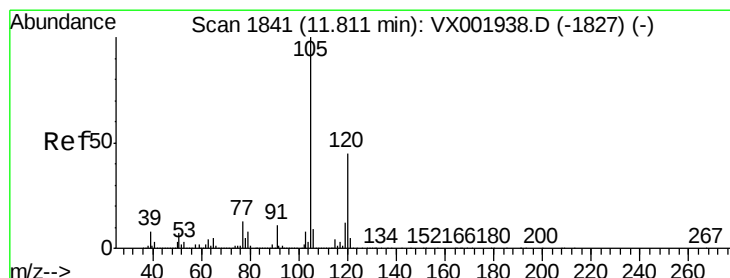
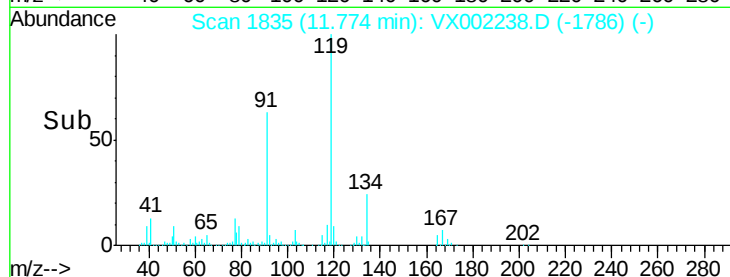
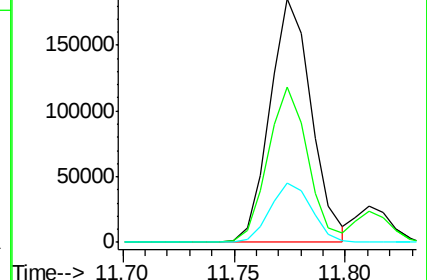
134 24.4 11.7 35.0



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: 18.92 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002238.D

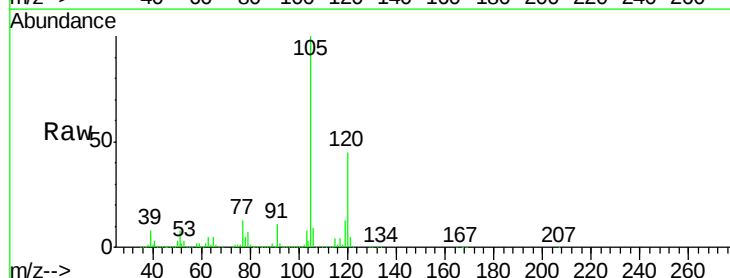
Acq: 02 Jun 2018 14:43

Tgt Ion:105 Resp: 257843

Ion Ratio Lower Upper

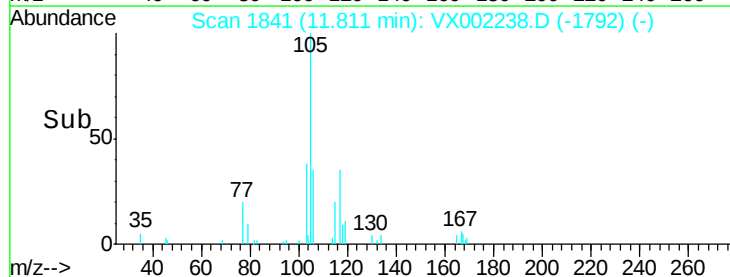
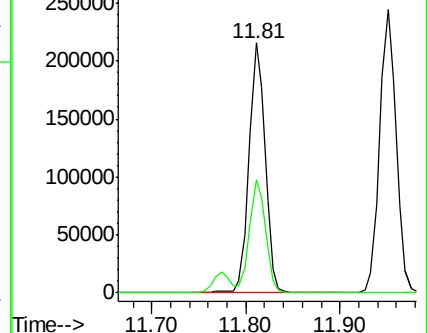
105 100

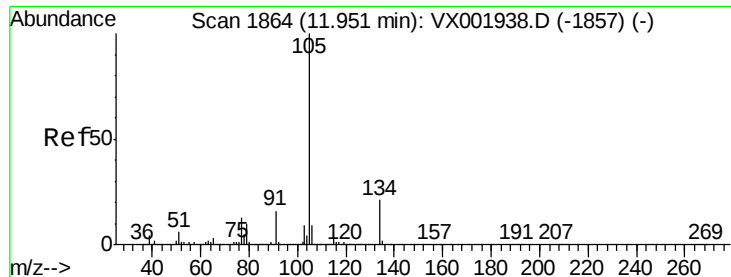
120 44.6 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.13 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

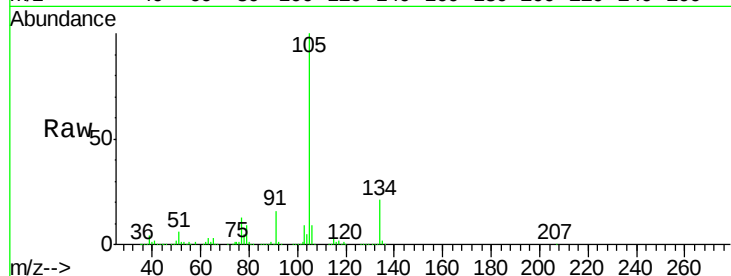
VX0602WBSD01

Tot Ion:105 Resp: 297689

Ion Ratio Lower Upper

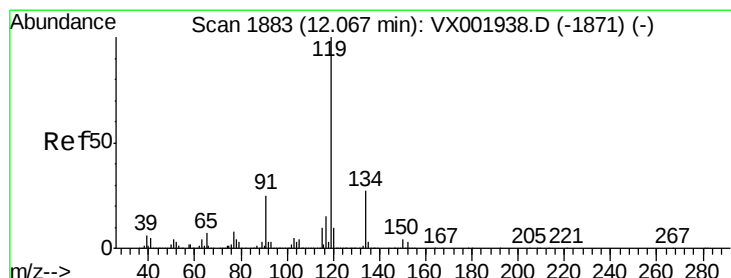
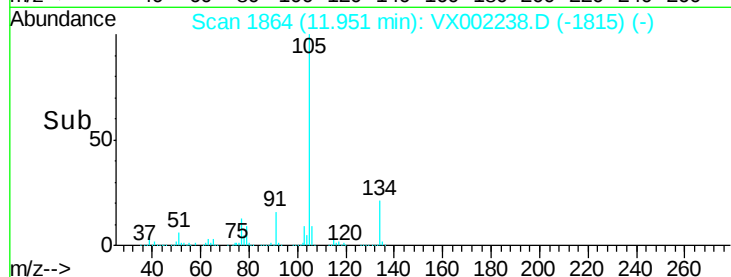
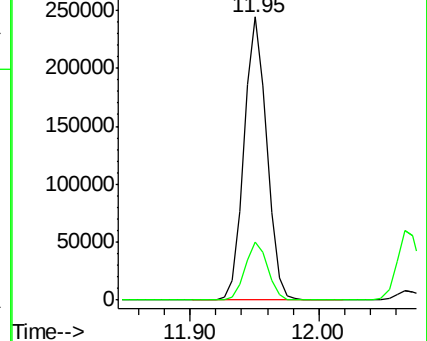
105 100

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



#86

p-Isopropyltoluene

Concen: 19.48 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

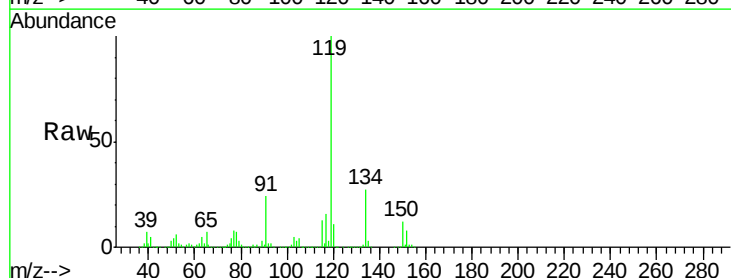
Tgt Ion:119 Resp: 271255

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

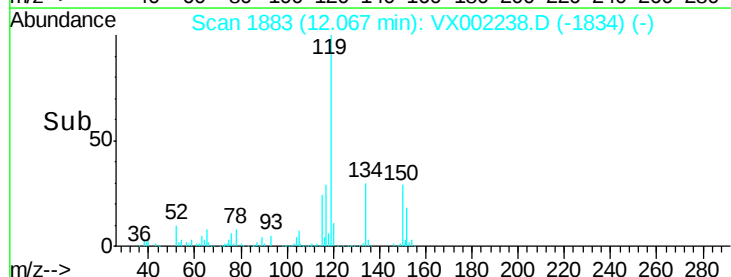
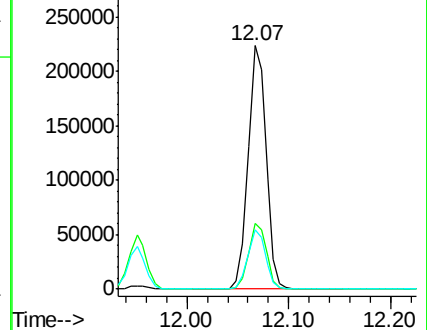
91 24.3 12.2 36.4

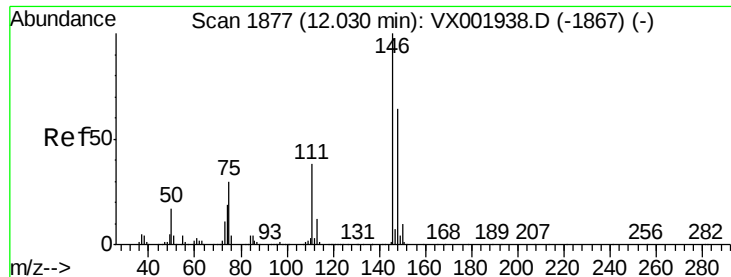


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

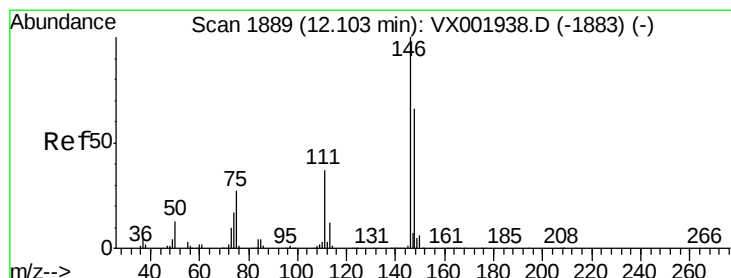
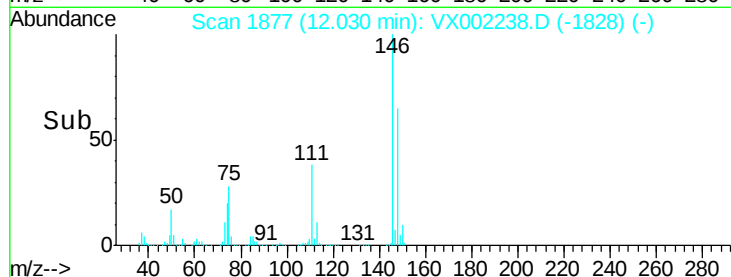
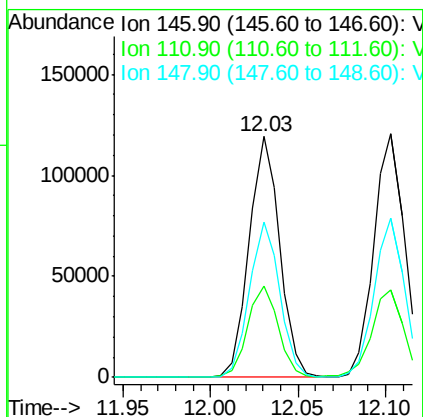
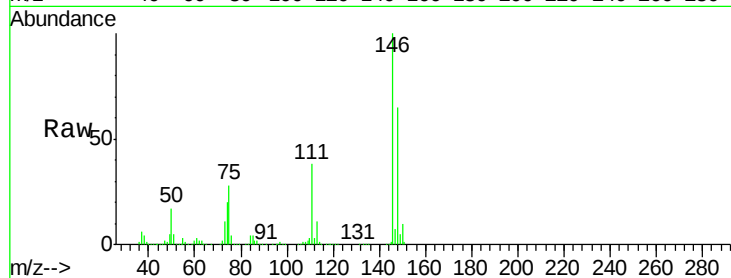




#87
 1,3-Dichlorobenzene
 Concen: 19.76 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

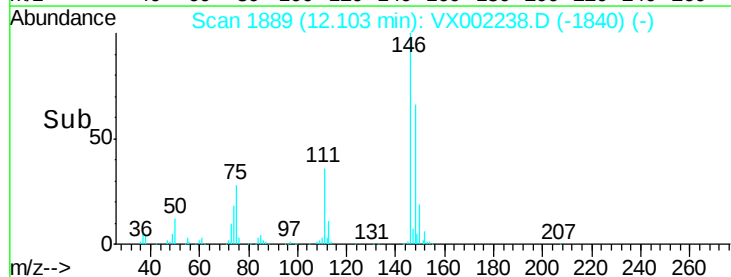
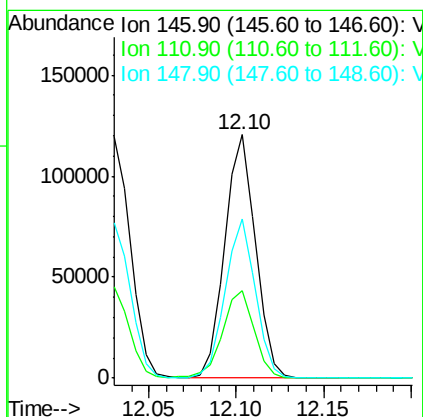
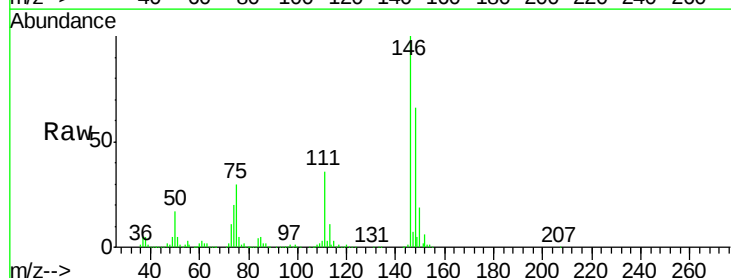
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBSD01

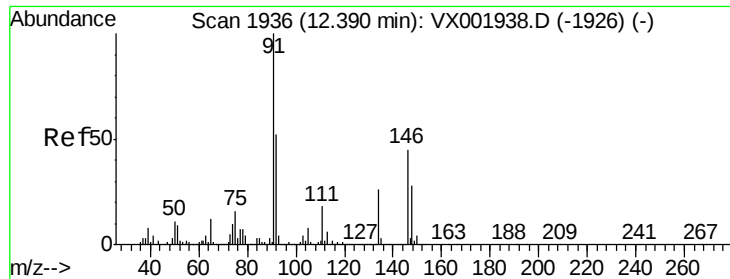
Tot Ion:146 Resp: 144944
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.3 57.8
 148 64.4 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.05 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

Tgt Ion:146 Resp: 147020
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.9 56.5
 148 64.7 32.3 96.8

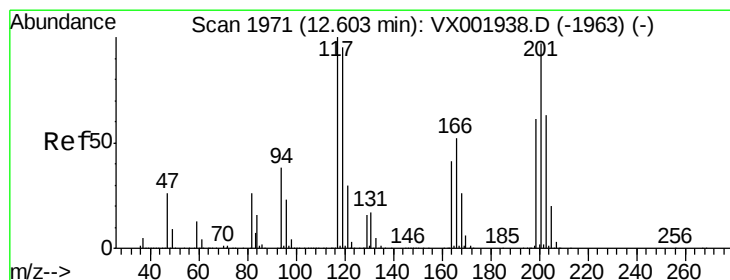
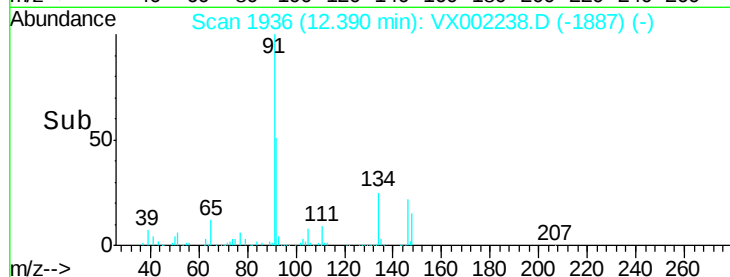
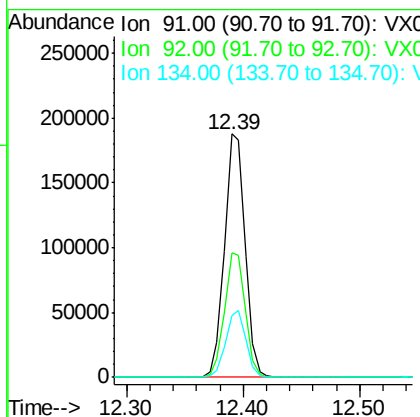
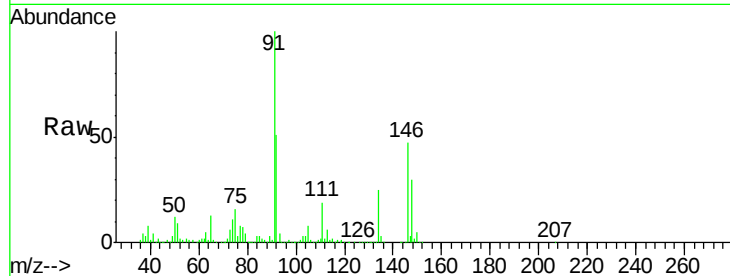




#89
n-Butylbenzene
Concen: 19.43 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

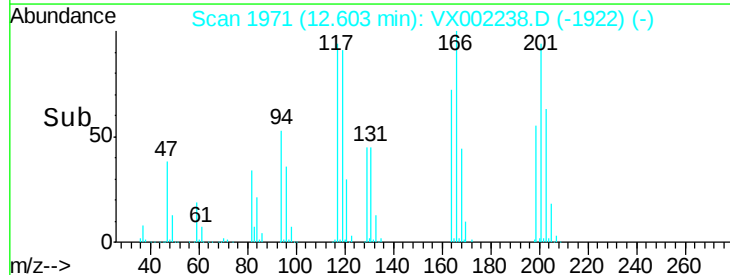
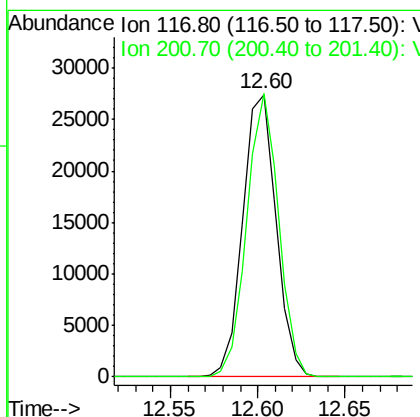
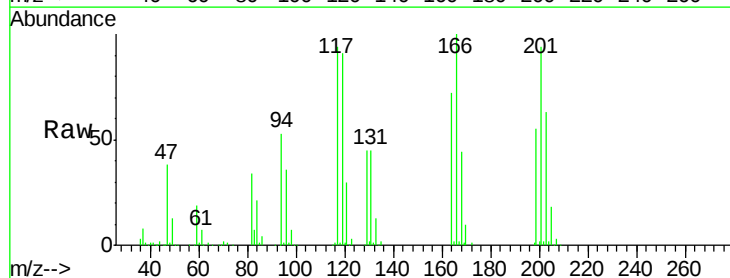
Instrument :
MSVOA_X
ClientSampleId :
VX0602WBSD01

Tot Ion: 91 Resp: 229280
Ion Ratio Lower Upper
91 100
92 51.2 26.3 78.9
134 26.7 13.6 40.7



#90
Hexachloroethane
Concen: 13.24 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion: 117 Resp: 36359
Ion Ratio Lower Upper
117 100
201 95.8 48.0 144.0

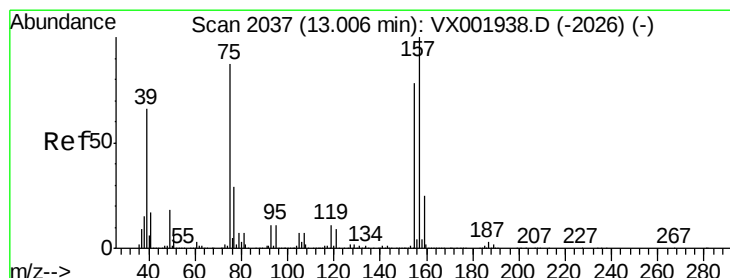
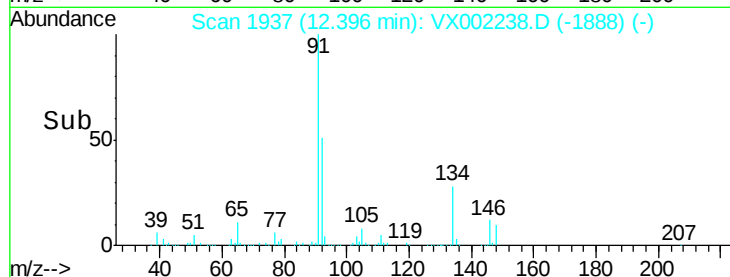
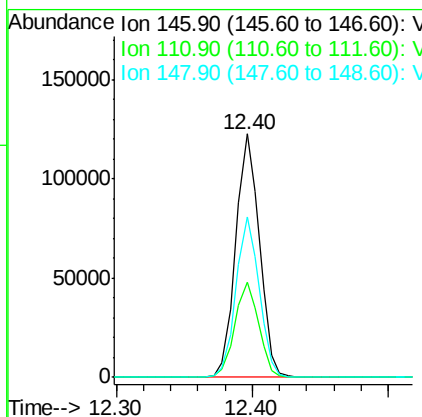
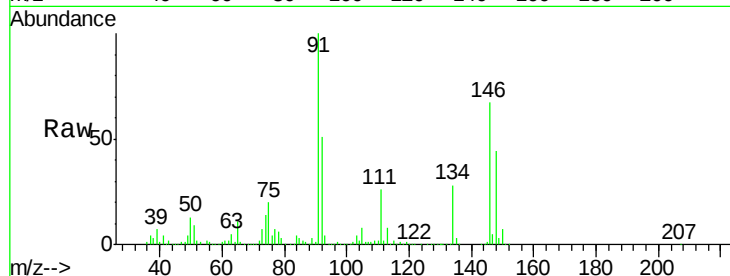




#91
 1,2-Dichlorobenzene
 Concen: 19.93 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

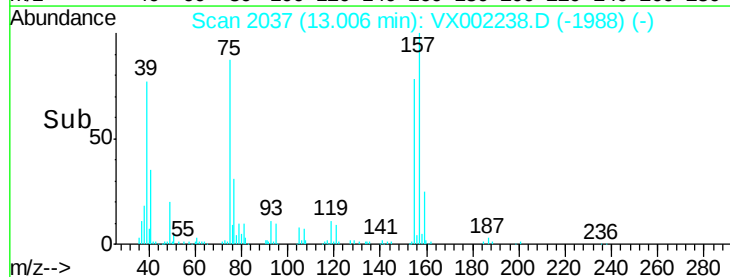
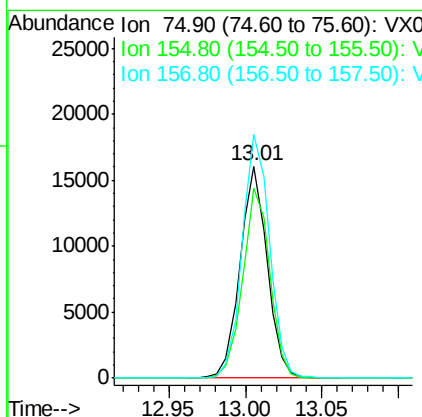
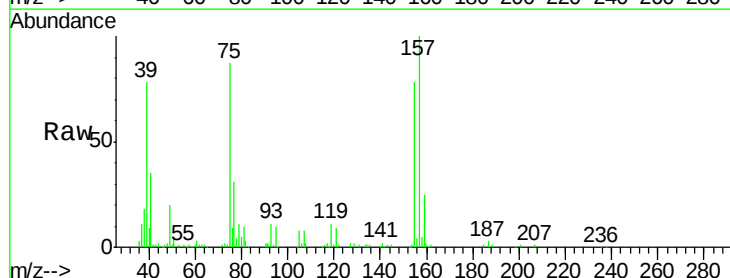
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBSD01

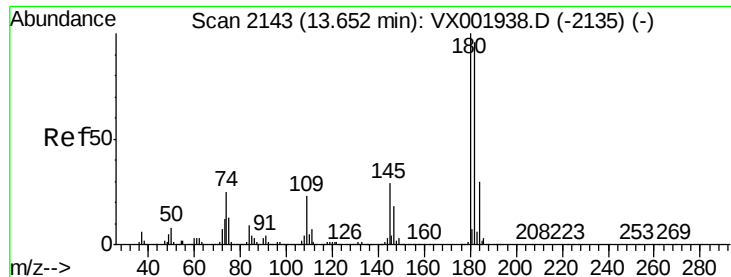
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.8	59.3
148	64.8	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 14.38 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.2	45.1	135.2
157	115.9	58.1	174.2

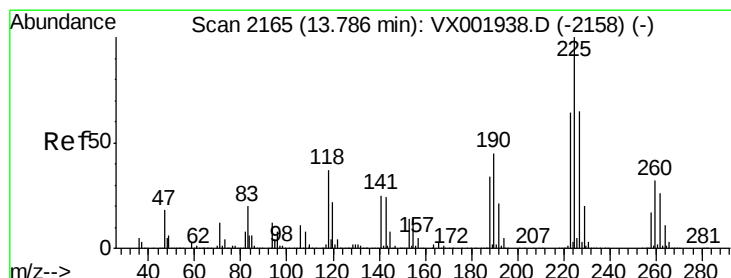
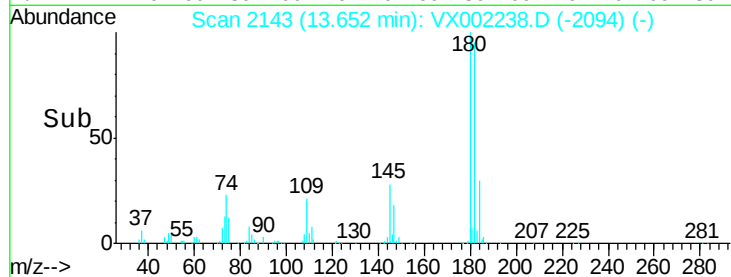
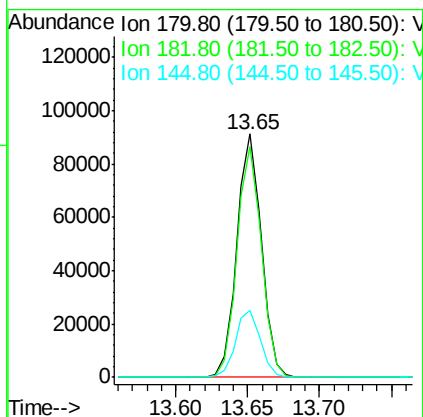
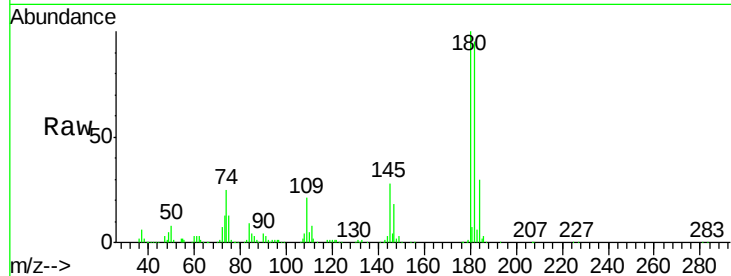




#93
 1,2,4-Trichlorobenzene
 Concen: 20.30 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

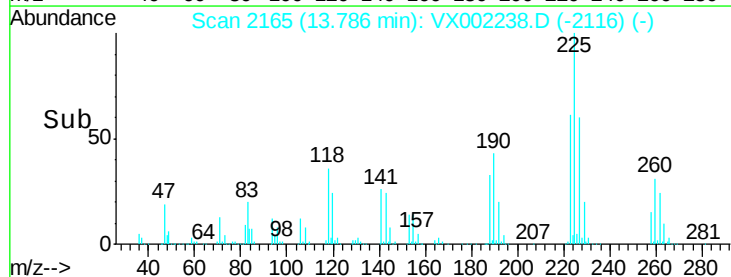
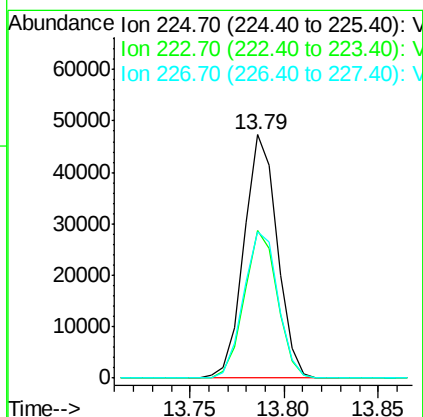
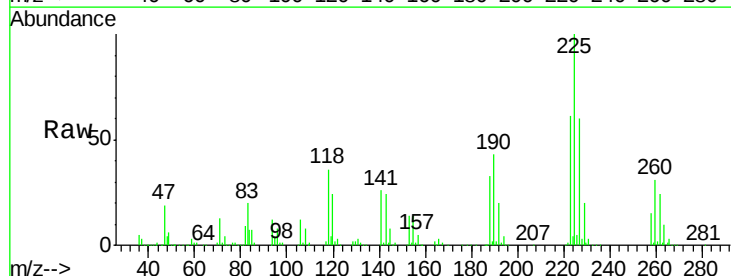
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBSD01

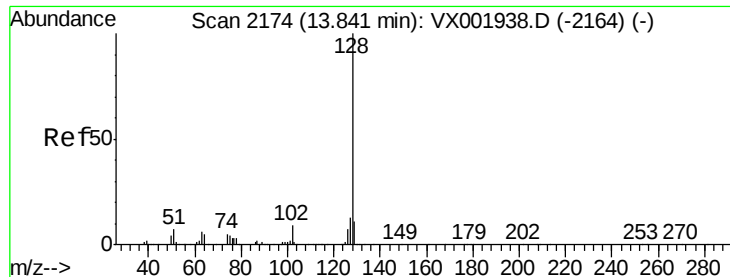
Tot Ion:180 Resp: 108482
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.7 143.1
 145 28.2 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 20.17 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

Tgt Ion:225 Resp: 57962
 Ion Ratio Lower Upper
 225 100
 223 60.1 31.1 93.5
 227 62.3 32.1 96.5





#95

Naphthalene

Concen: 19.39 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBSD01

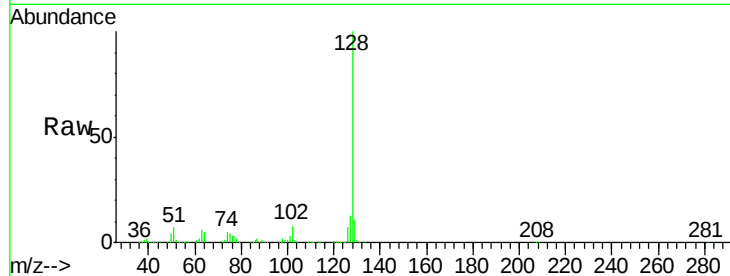
Tot Ion:128 Resp: 319217

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

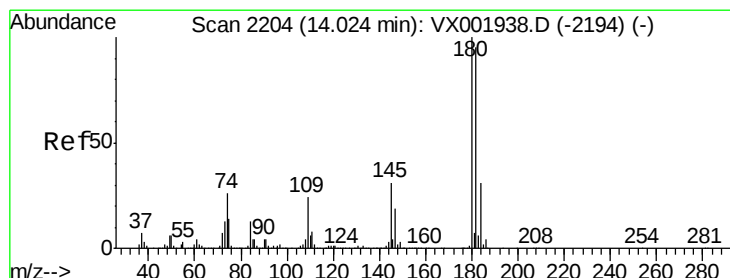
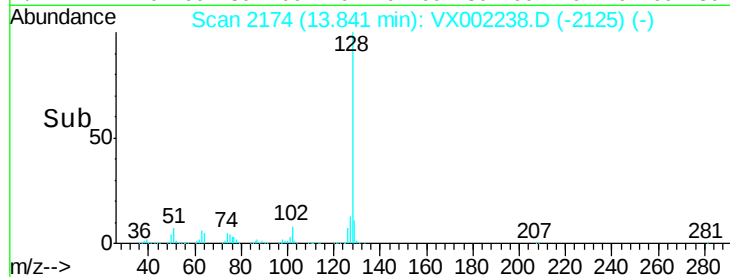
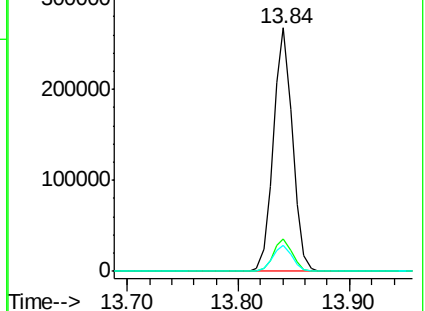
129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.36 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

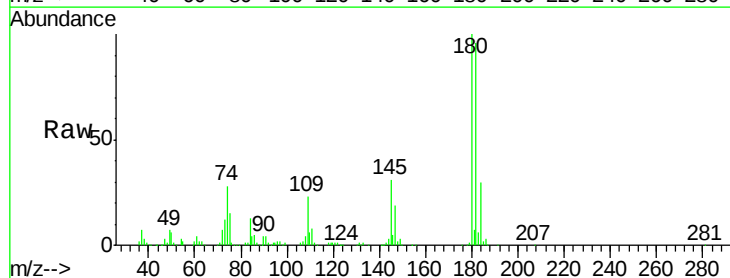
Tgt Ion:180 Resp: 112541

Ion Ratio Lower Upper

180 100

182 95.5 47.9 143.6

145 29.8 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

