

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000913.D
 Acq On : 16 Apr 2018 12:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 16 15:10:51 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	335647	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	321282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	222967	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	142430	43.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.86%	
35) Dibromofluoromethane	5.51	113	121663	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
50) Toluene-d8	8.72	98	448398	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
62) 4-Bromofluorobenzene	11.14	95	182965	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	141569	48.77	ug/l	99
3) Chloromethane	1.32	50	121866	48.97	ug/l	100
4) Vinyl Chloride	1.40	62	138752	49.56	ug/l	97
5) Bromomethane	1.64	94	67345	58.35	ug/l	97
6) Chloroethane	1.72	64	83764	49.37	ug/l	99
7) Trichlorofluoromethane	1.93	101	217925	51.60	ug/l	97
8) Diethyl Ether	2.19	74	80027	50.72	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	133177	53.48	ug/l	98
10) Methyl Iodide	2.51	142	104806	53.40	ug/l	99
11) Tert butyl alcohol	3.06	59	114907	199.61	ug/l	99
12) 1,1-Dichloroethene	2.38	96	117140	49.63	ug/l	99
13) Acrolein	2.29	56	75324	269.44	ug/l	99
14) Allyl chloride	2.73	41	216142	49.53	ug/l	100
15) Acrylonitrile	3.15	53	304668	248.24	ug/l	100
16) Acetone	2.45	43	262168	234.47	ug/l	100
17) Carbon Disulfide	2.57	76	304108	42.55	ug/l	100
18) Methyl Acetate	2.78	43	154692	53.46	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	405849	51.63	ug/l	99
20) Methylene Chloride	2.86	84	127258	48.93	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	128217	49.26	ug/l	97
22) Diisopropyl ether	3.87	45	414008	51.62	ug/l	98
23) Vinyl Acetate	3.83	43	1737304	246.72	ug/l	100
24) 1,1-Dichloroethane	3.70	63	228561	50.79	ug/l	99
25) 2-Butanone	4.71	43	434628	235.38	ug/l	98
26) 2,2-Dichloropropane	4.59	77	216466	48.46	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	150543	50.97	ug/l	99
28) Bromochloromethane	5.03	49	83283	45.96	ug/l	97
29) Tetrahydrofuran	5.17	42	272992	232.85	ug/l	100
30) Chloroform	5.22	83	247999	52.05	ug/l	95
31) Cyclohexane	5.58	56	211394	49.46	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	227980	50.22	ug/l	100
36) 1,1-Dichloropropene	5.81	75	188103	50.89	ug/l	99
37) Ethyl Acetate	4.86	43	174945	48.48	ug/l	99
38) Carbon Tetrachloride	5.79	117	203244	49.12	ug/l	98

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000913.D
 Acq On : 16 Apr 2018 12:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 16 15:10:51 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	225563	50.81	ug/l	99
40) Benzene	6.15	78	535162	52.10	ug/l	99
41) Methacrylonitrile	5.07	41	104024	49.90	ug/l	100
42) 1,2-Dichloroethane	6.20	62	200473	52.26	ug/l	99
43) Isopropyl Acetate	6.47	43	303392	49.04	ug/l	100
44) Trichloroethene	7.22	130	166895	52.25	ug/l	97
45) 1,2-Dichloropropane	7.53	63	138551	52.97	ug/l	98
46) Dibromomethane	7.67	93	93403	51.22	ug/l	100
47) Bromodichloromethane	7.90	83	187618	50.98	ug/l	99
48) Methyl methacrylate	7.78	41	158497	49.42	ug/l	100
49) 1,4-Dioxane	7.76	88	51079	792.57	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	904739	248.95	ug/l	98
52) Toluene	8.79	92	359367	52.74	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	228922	51.86	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	218679	50.87	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	143101	52.90	ug/l	99
56) Ethyl methacrylate	9.19	69	214488	51.40	ug/l	98
57) 1,3-Dichloropropane	9.38	76	231446	53.82	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	510646	261.91	ug/l	99
59) 2-Hexanone	9.51	43	690573	246.14	ug/l	99
60) Dibromochloromethane	9.59	129	164398	50.79	ug/l	100
61) 1,2-Dibromoethane	9.68	107	150056	52.29	ug/l	99
64) Tetrachloroethene	9.34	164	168722	53.71	ug/l	99
65) Chlorobenzene	10.15	112	424529	52.53	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	156989	51.61	ug/l	100
67) Ethyl Benzene	10.26	91	704030	52.25	ug/l	99
68) m/p-Xylenes	10.37	106	560893	105.46	ug/l	99
69) o-Xylene	10.71	106	270015	52.68	ug/l	100
70) Styrene	10.72	104	457728	52.97	ug/l	100
71) Bromoform	10.87	173	133351	47.35	ug/l	99
73) Isopropylbenzene	11.02	105	737158	52.11	ug/l	100
74) N-amyl acetate	6.47	43	303392	47.63	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	204217	49.75	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	241163	62.72	ug/l	85
77) Bromobenzene	11.26	156	212018	51.15	ug/l	100
78) n-propylbenzene	11.37	91	842911	52.10	ug/l	100
79) 2-Chlorotoluene	11.43	91	496841	51.96	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	627867	51.61	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	63221	45.23	ug/l	98
82) 4-Chlorotoluene	11.52	91	592028	51.29	ug/l	100
83) tert-Butylbenzene	11.77	119	648309	52.09	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	647769	51.58	ug/l	100
85) sec-Butylbenzene	11.95	105	762183	51.91	ug/l	100
86) p-Isopropyltoluene	12.07	119	707239	51.66	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	399279	52.04	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	404478	51.44	ug/l	99
89) n-Butylbenzene	12.40	91	630860	52.20	ug/l	100
90) Hexachloroethane	12.60	117	108869	46.99	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	387467	52.31	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	43427	42.22	ug/l	99

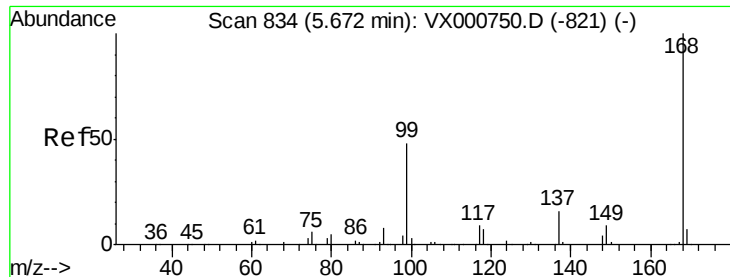
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
Data File : VX000913.D
Acq On : 16 Apr 2018 12:30
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 16 15:10:51 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	328463	51.97	ug/l	99
94) Hexachlorobutadiene	13.79	225	144993	46.65	ug/l	100
95) Naphthalene	13.84	128	801760	49.42	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	315818	51.44	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

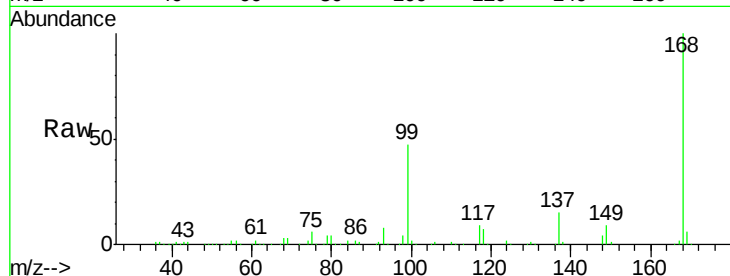
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 257153

Ion Ratio Lower Upper

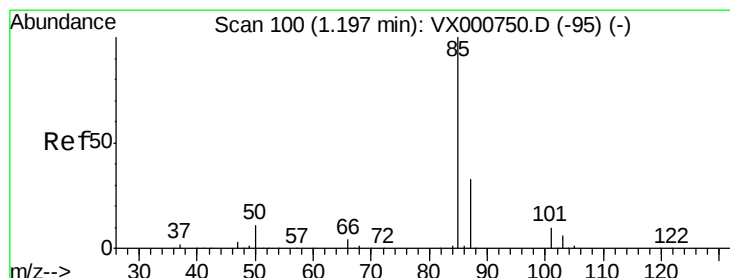
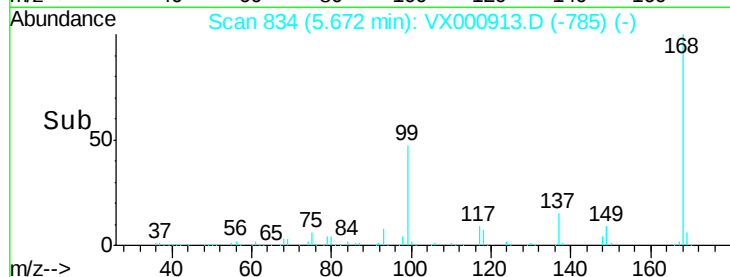
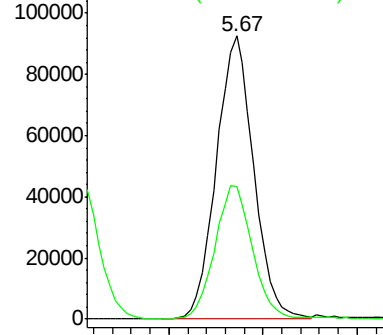
168 100

99 46.6 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.77 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000913.D

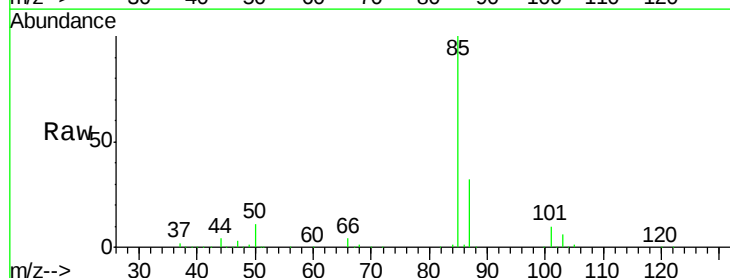
Acq: 16 Apr 2018 12:30

Tgt Ion: 85 Resp: 141569

Ion Ratio Lower Upper

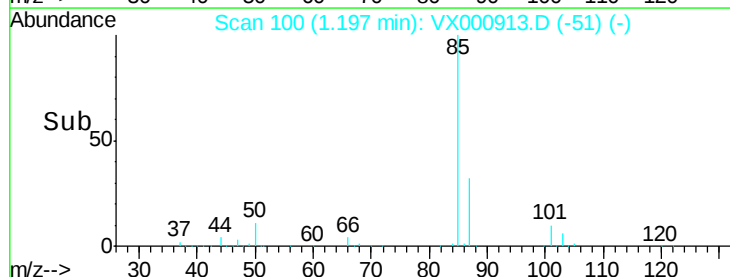
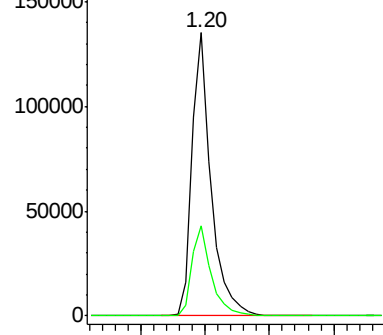
85 100

87 32.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.97 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

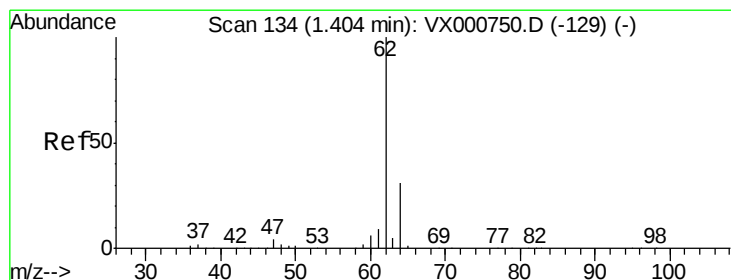
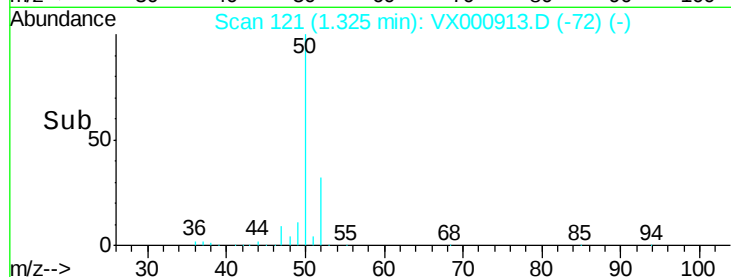
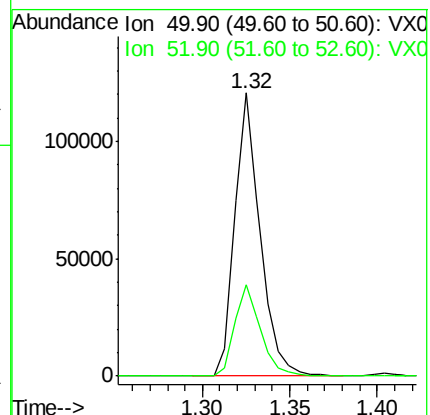
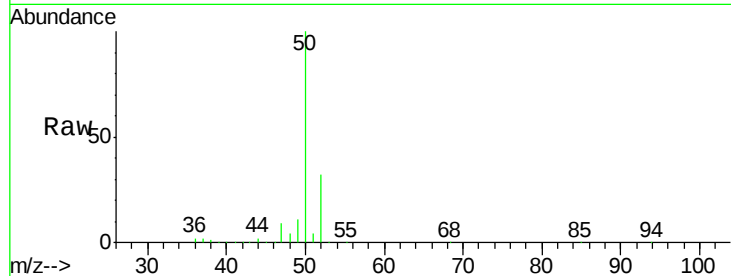
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 50 Resp: 121866

Ion Ratio Lower Upper

50 100

52 32.4 25.8 38.8



#4

Vinyl Chloride

Concen: 49.56 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000913.D

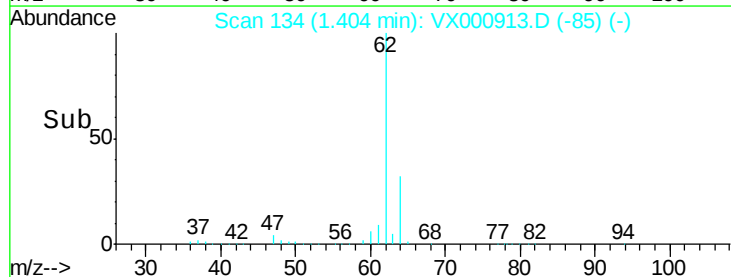
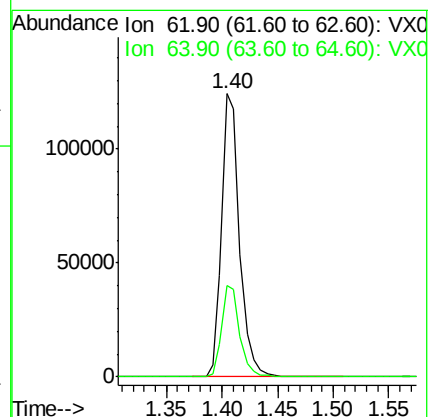
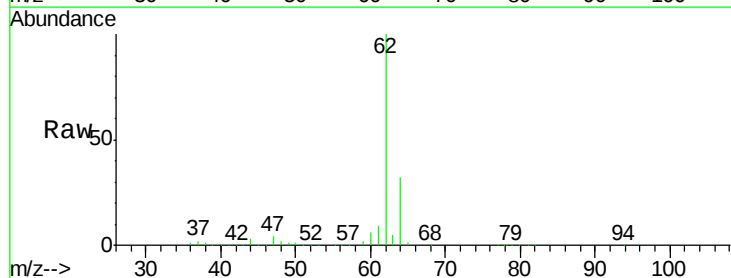
Acq: 16 Apr 2018 12:30

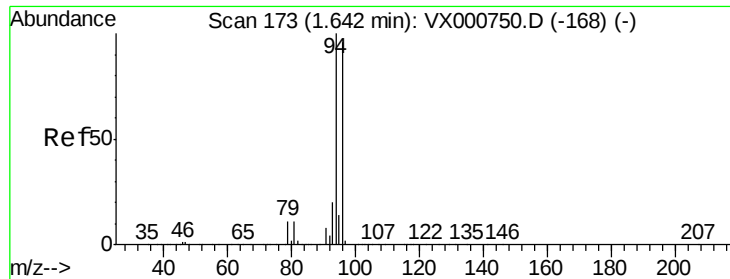
Tgt Ion: 62 Resp: 138752

Ion Ratio Lower Upper

62 100

64 32.2 24.6 36.8





#5

Bromomethane

Concen: 58.35 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

Instrument :

MSVOA_X

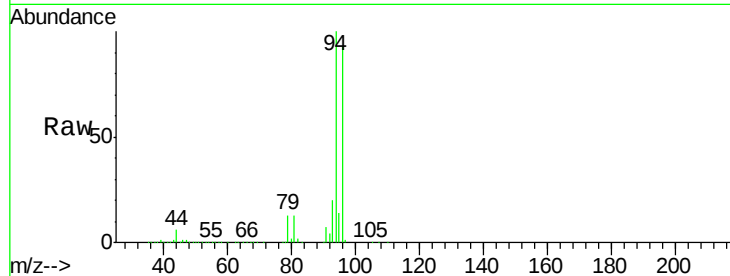
ClientSampleId :

Tot Ion: 94 Resp: 67345

Ion Ratio Lower Upper

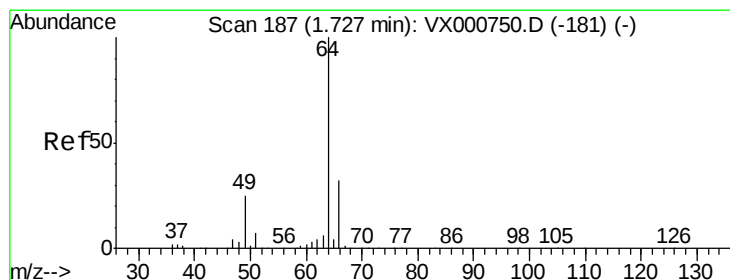
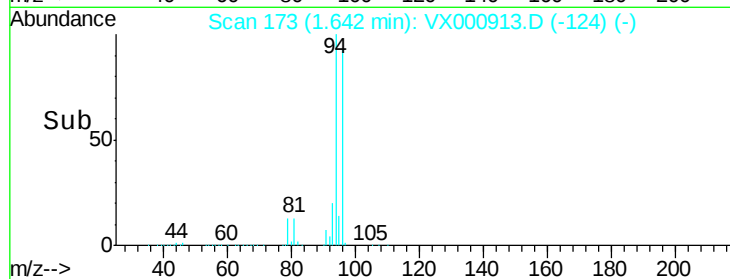
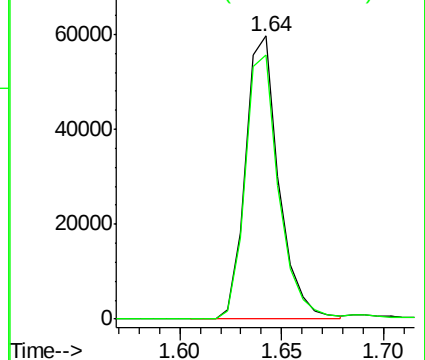
94 100

96 93.6 77.0 115.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.37 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000913.D

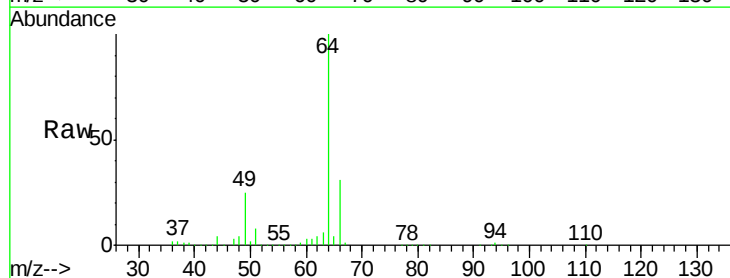
Acq: 16 Apr 2018 12:30

Tgt Ion: 64 Resp: 83764

Ion Ratio Lower Upper

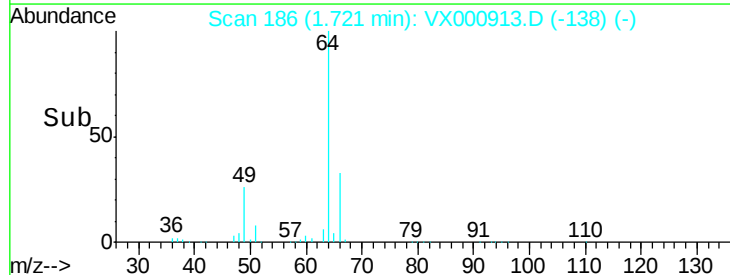
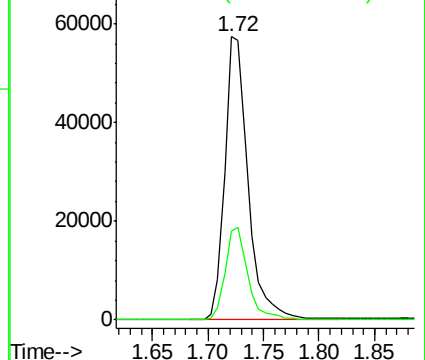
64 100

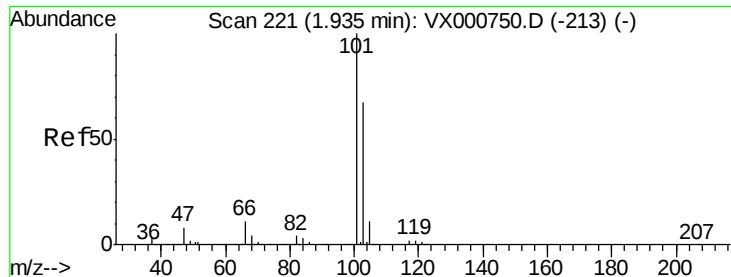
66 31.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



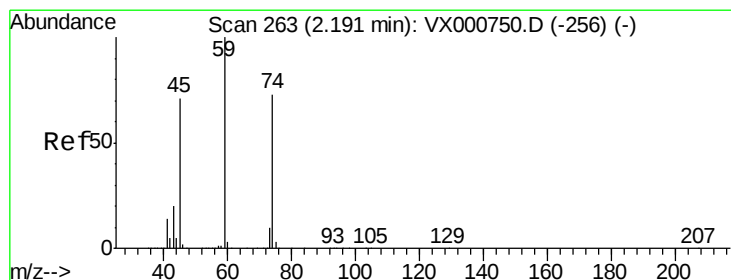
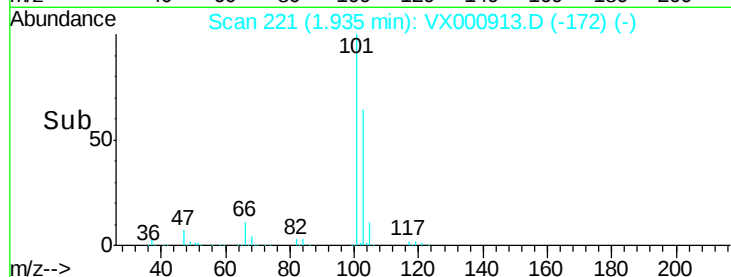
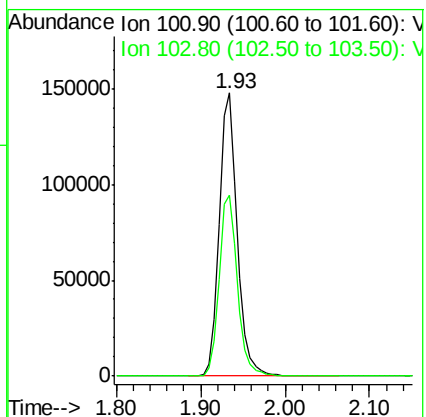
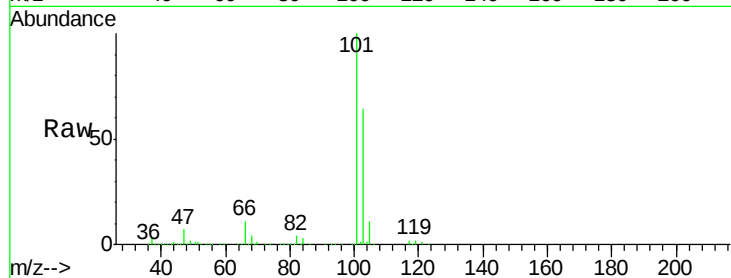


#7

Trichlorofluoromethane
Concen: 51.60 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000913.D
Acq: 16 Apr 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :

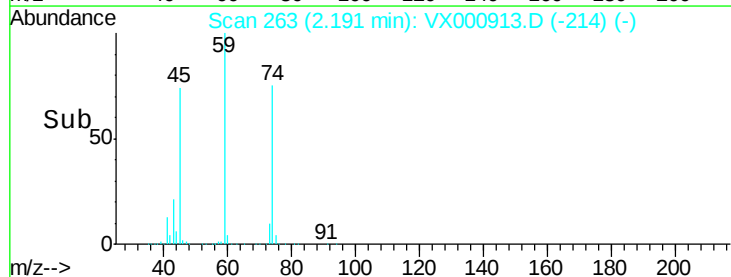
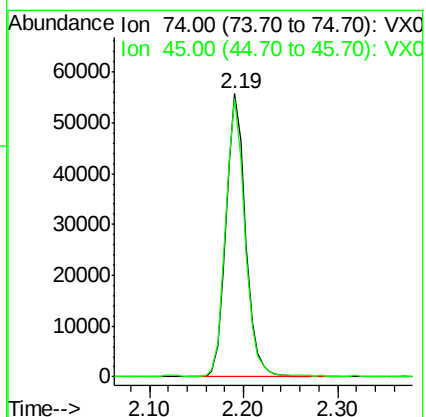
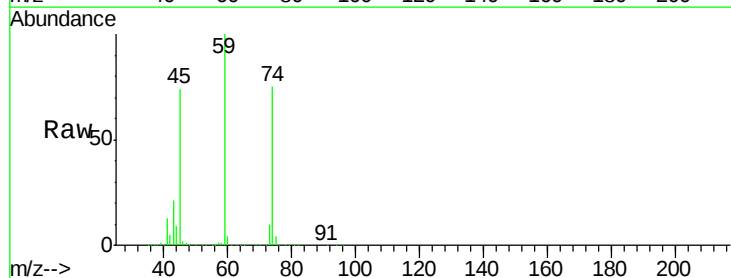
Tot Ion:101 Resp: 217925
Ion Ratio Lower Upper
101 100
103 63.8 53.2 79.8

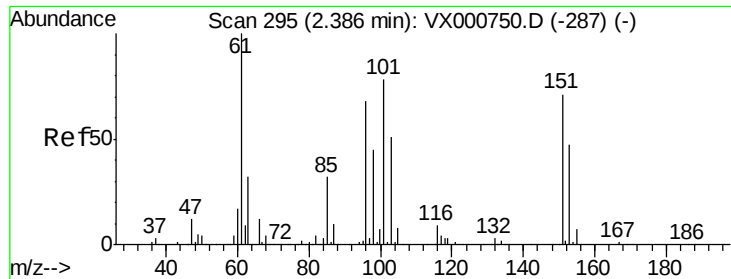


#8

Diethyl Ether
Concen: 50.72 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX000913.D
Acq: 16 Apr 2018 12:30

Tgt Ion: 74 Resp: 80027
Ion Ratio Lower Upper
74 100
45 97.8 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.48 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

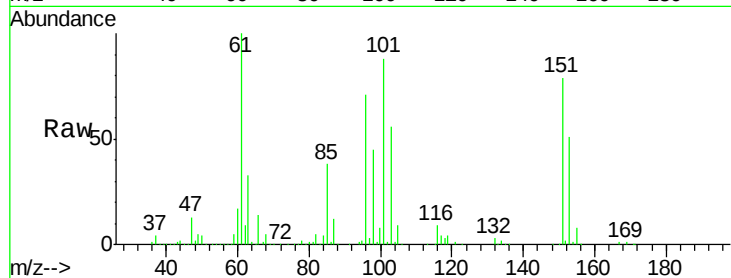
Tot Ion:101 Resp: 133177

Ion Ratio Lower Upper

101 100

85 42.3 34.0 51.0

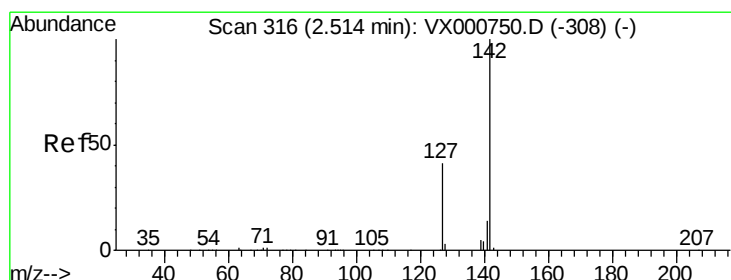
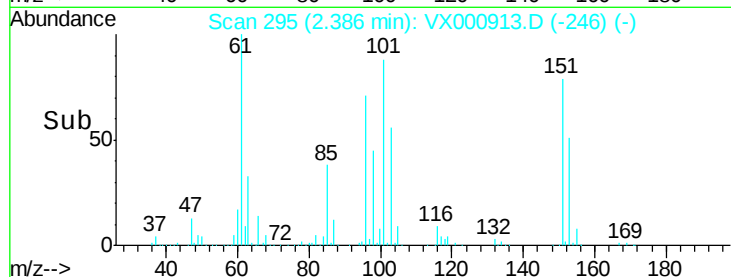
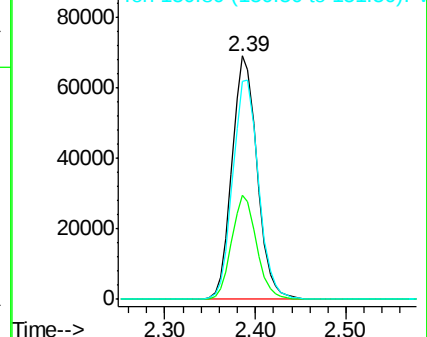
151 92.7 75.8 113.8



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: 53.40 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

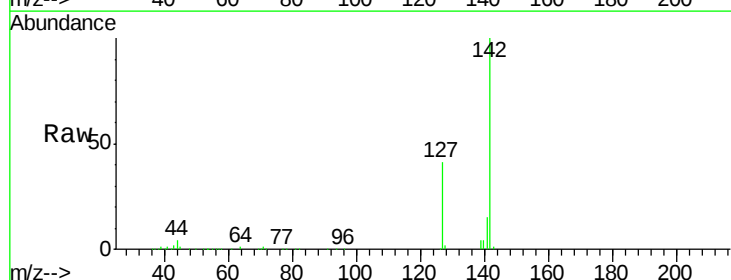
Tgt Ion:142 Resp: 104806

Ion Ratio Lower Upper

142 100

127 41.7 32.6 49.0

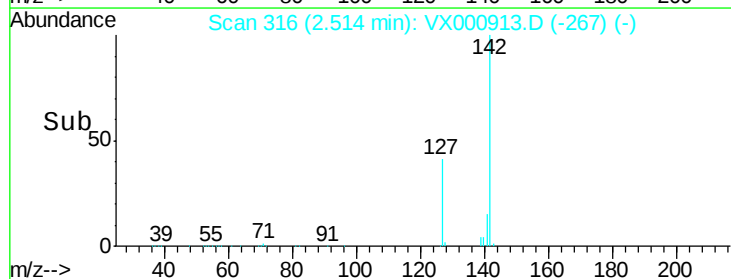
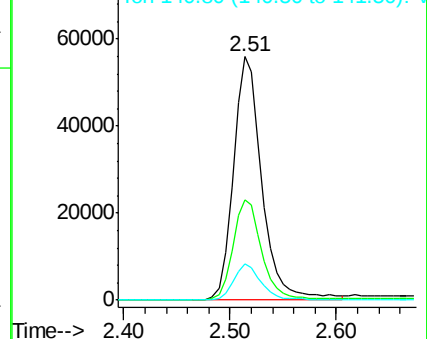
141 14.6 11.5 17.3

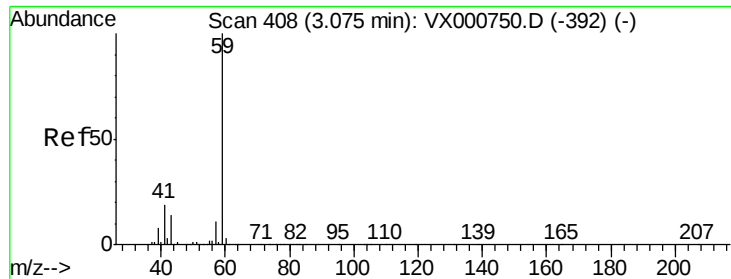


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



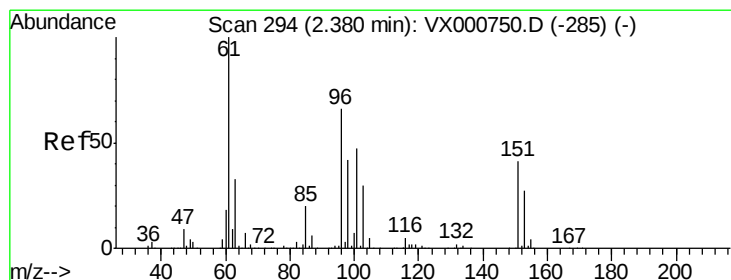
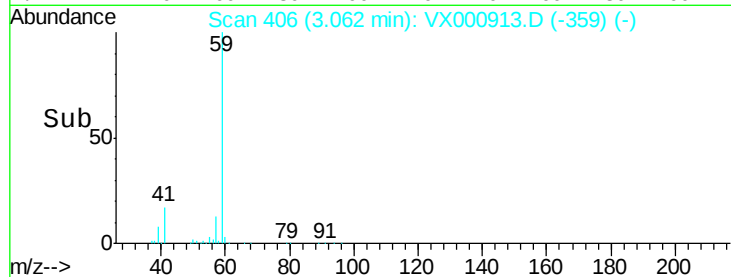
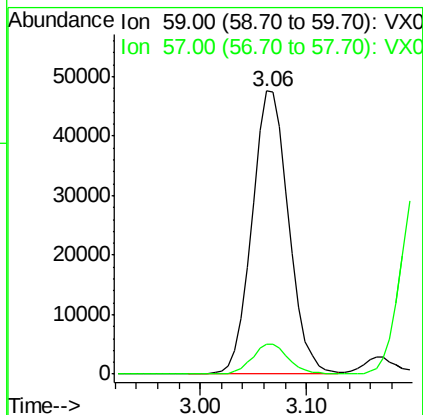
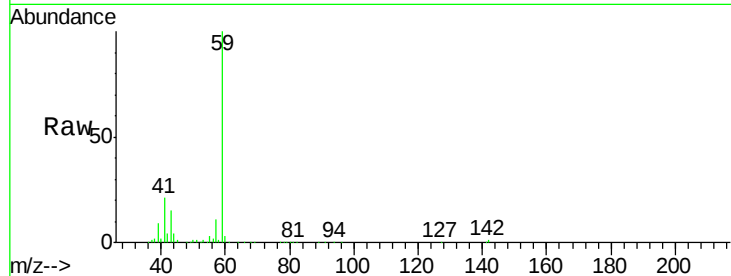


#11

Tert butyl alcohol
Concen: 199.61 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.01 min
Lab File: VX000913.D
Acq: 16 Apr 2018 12:30

Instrument :
MSVOA_X
ClientSampled :

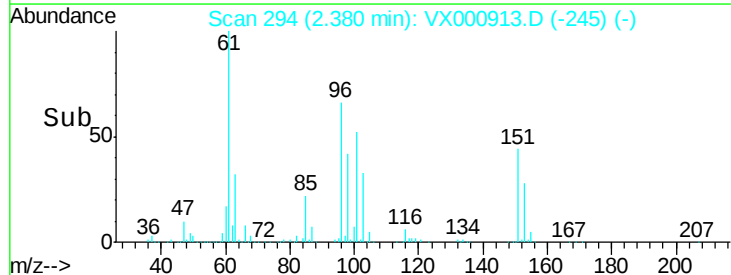
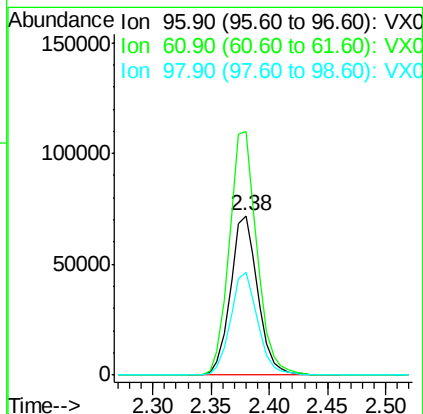
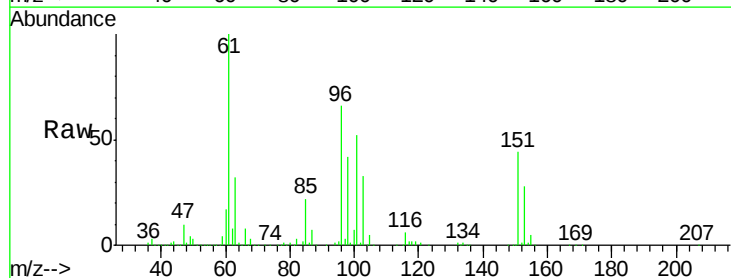
Tot Ion: 59 Resp: 114907
Ion Ratio Lower Upper
59 100
57 10.8 8.4 12.6

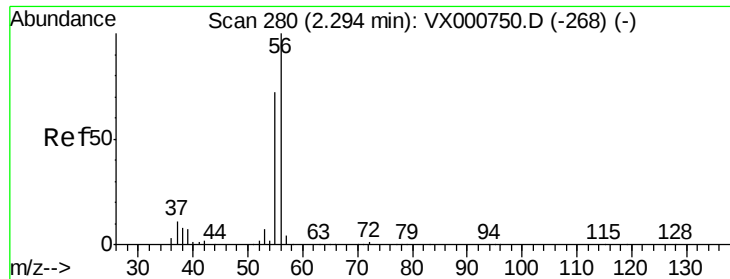


#12

1,1-Dichloroethene
Concen: 49.63 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000913.D
Acq: 16 Apr 2018 12:30

Tgt Ion: 96 Resp: 117140
Ion Ratio Lower Upper
96 100
61 152.5 120.5 180.7
98 64.4 50.9 76.3





#13

Acrolein

Concen: 269.44 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

Instrument :

MSVOA_X

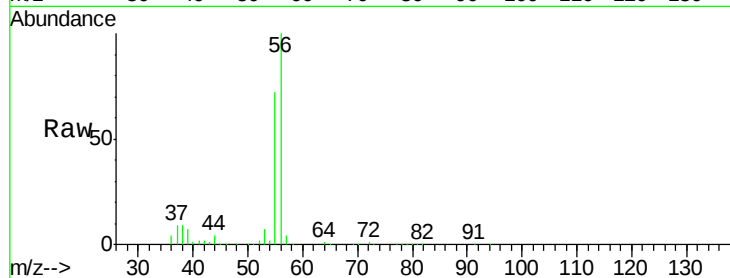
ClientSampled :

Tot Ion: 56 Resp: 75324

Ion Ratio Lower Upper

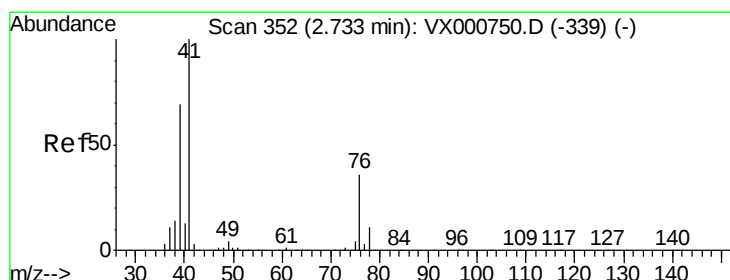
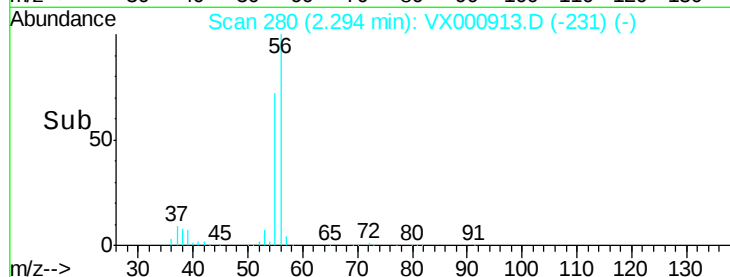
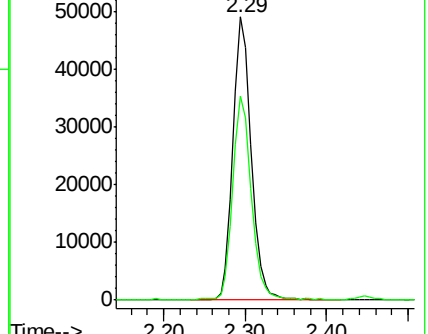
56 100

55 72.7 58.7 88.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.53 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

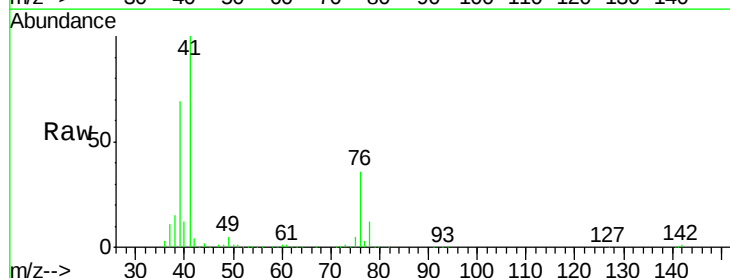
Tgt Ion: 41 Resp: 216142

Ion Ratio Lower Upper

41 100

39 64.6 51.5 77.3

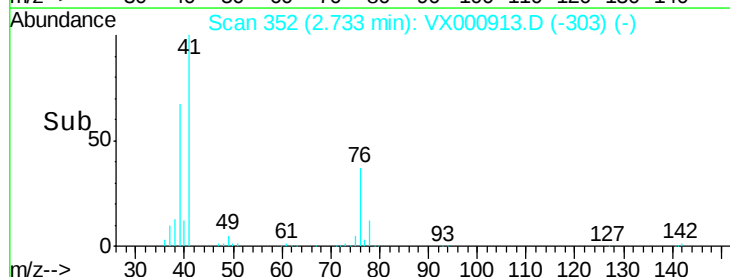
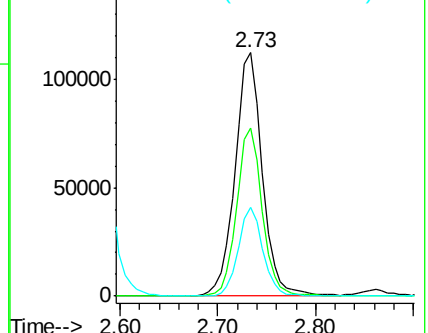
76 32.9 26.5 39.7



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 248.24 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

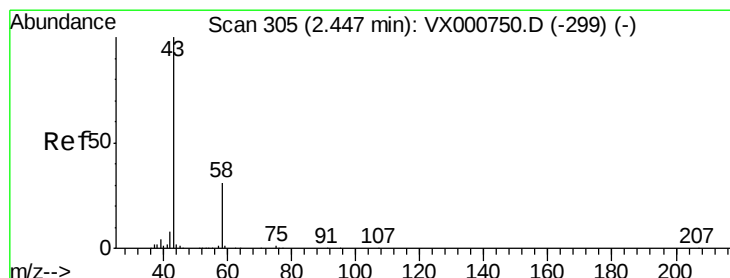
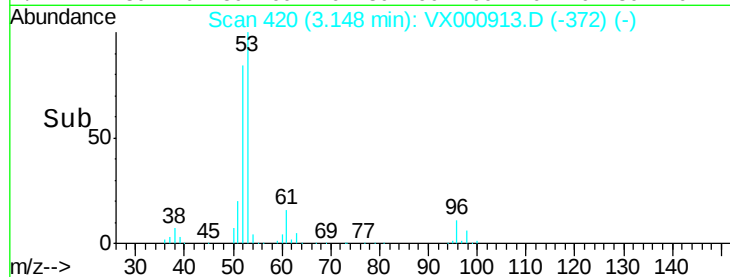
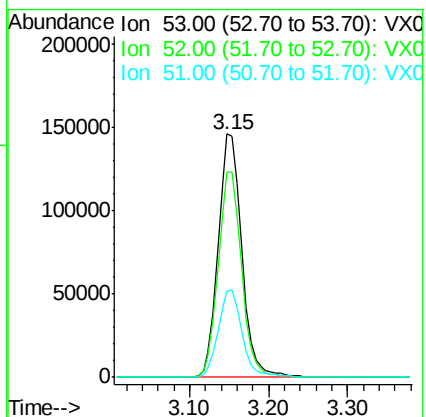
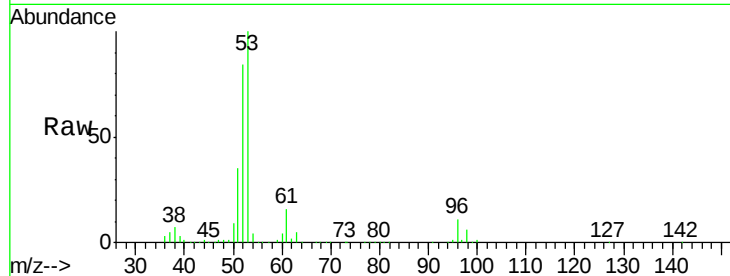
Tot Ion: 53 Resp: 304668

Ion Ratio Lower Upper

53 100

52 83.5 66.5 99.7

51 36.2 28.8 43.2



#16

Acetone

Concen: 234.47 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX000913.D

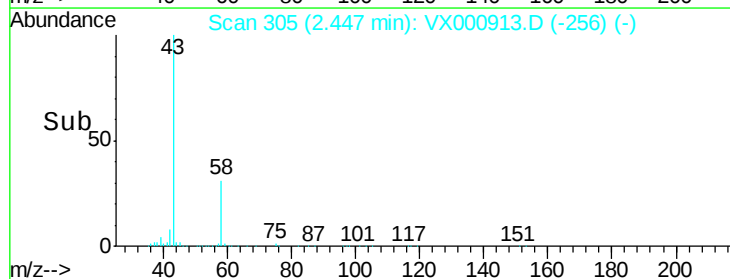
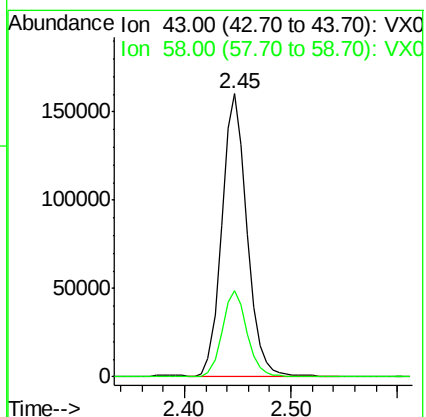
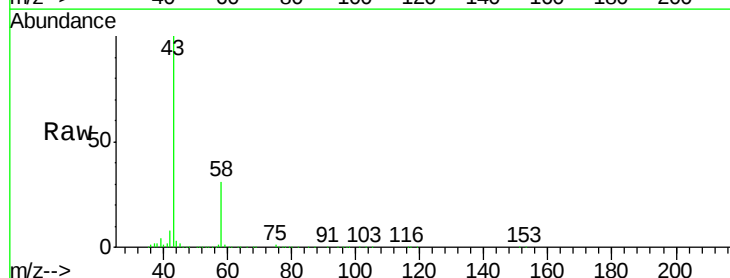
Acq: 16 Apr 2018 12:30

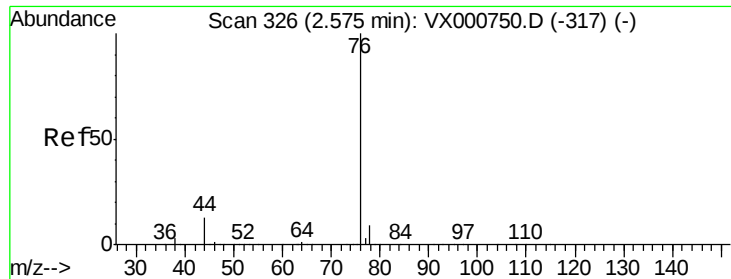
Tgt Ion: 43 Resp: 262168

Ion Ratio Lower Upper

43 100

58 30.6 24.6 37.0

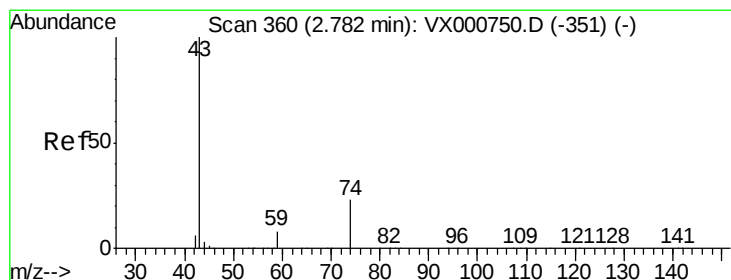
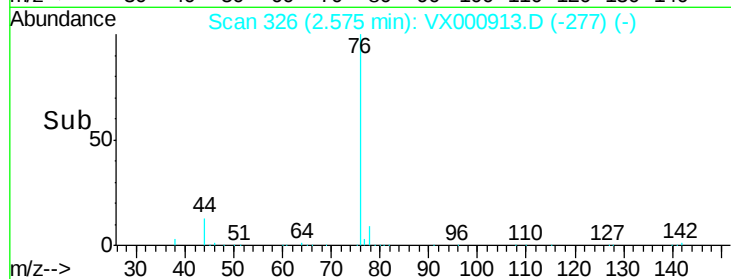
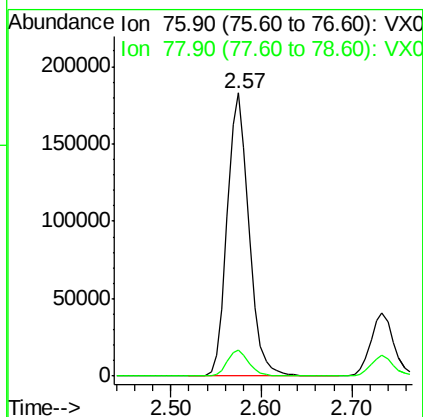
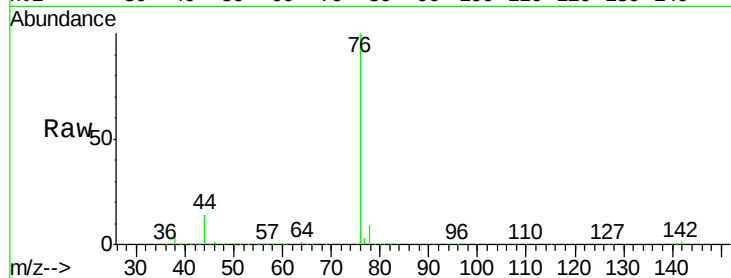




#17
Carbon Disulfide
Concen: 42.55 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000913.D
Acq: 16 Apr 2018 12:30

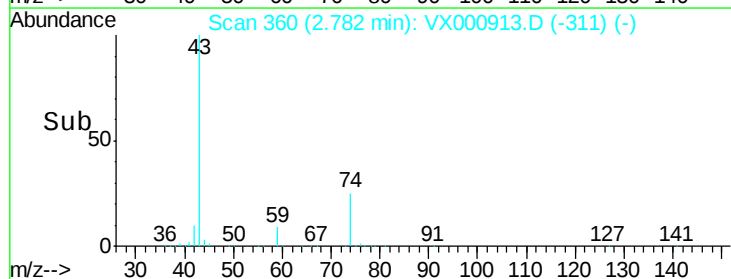
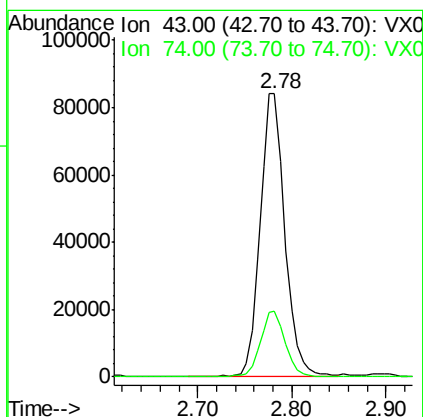
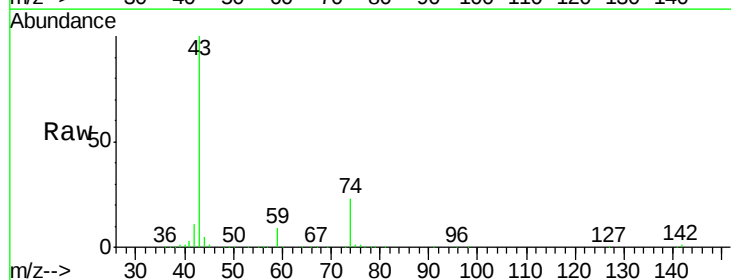
Instrument :
MSVOA_X
ClientSampleId :

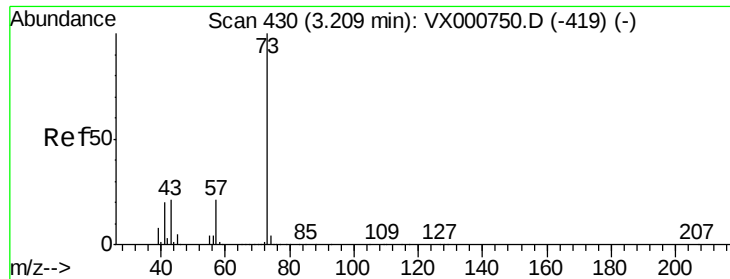
Tot Ion: 76 Resp: 304108
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 53.46 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX000913.D
Acq: 16 Apr 2018 12:30

Tgt Ion: 43 Resp: 154692
Ion Ratio Lower Upper
43 100
74 23.6 19.1 28.7

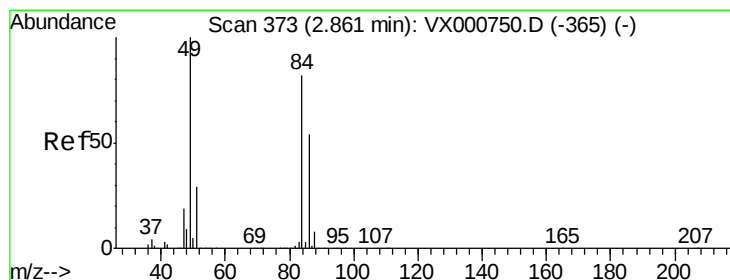
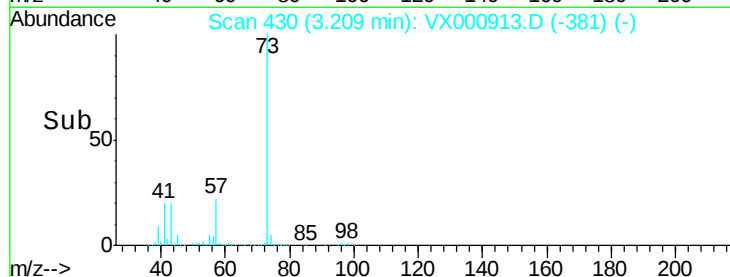
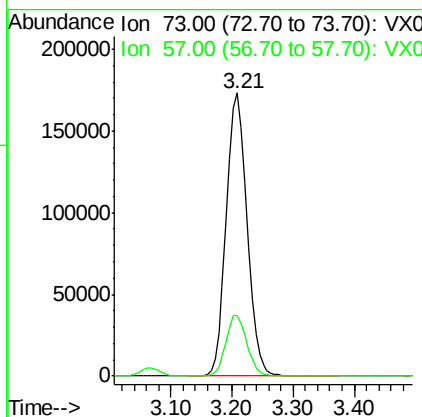
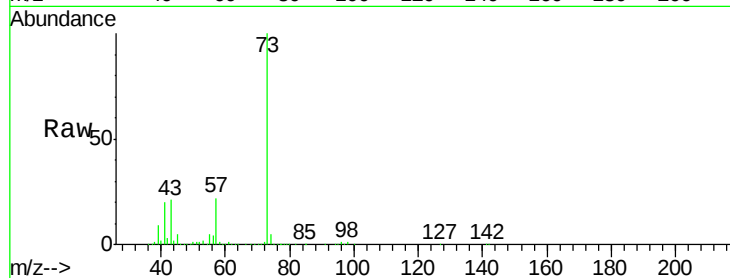




#19
Methyl tert-butyl Ether
Concen: 51.63 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX000913.D
Acq: 16 Apr 2018 12:30

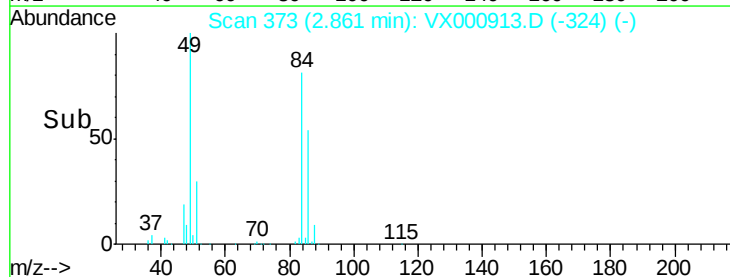
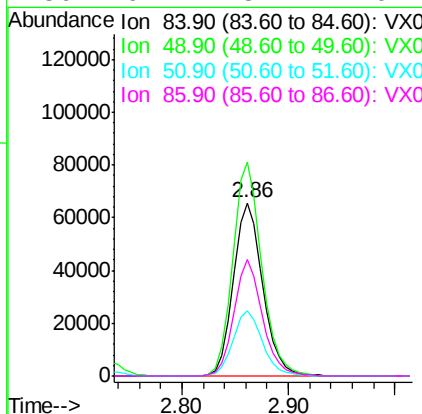
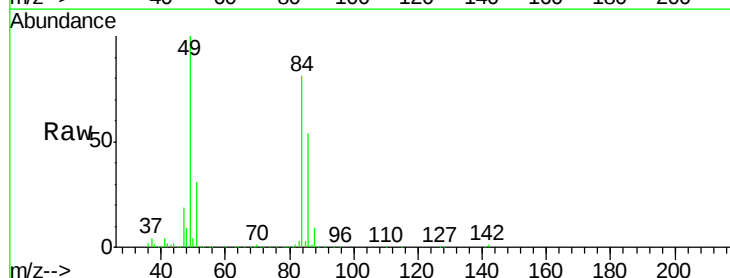
Instrument :
MSVOA_X
ClientSampleId :

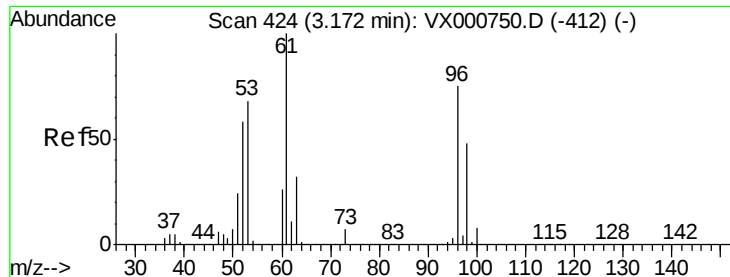
Tot Ion: 73 Resp: 405849
Ion Ratio Lower Upper
73 100
57 21.6 16.9 25.3



#20
Methylene Chloride
Concen: 48.93 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000913.D
Acq: 16 Apr 2018 12:30

Tgt Ion: 84 Resp: 127258
Ion Ratio Lower Upper
84 100
49 123.6 98.1 147.1
51 37.7 28.9 43.3
86 67.2 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 49.26 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

Instrument :
MSVOA_X
ClientSampled :

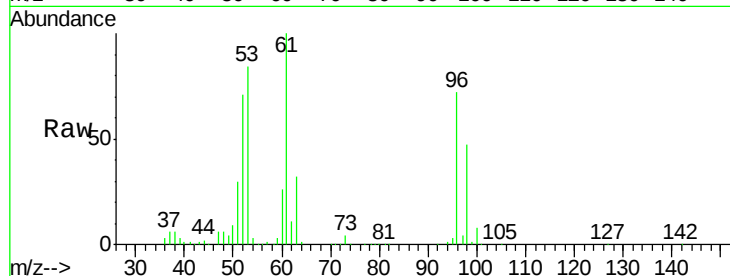
Tot Ion: 96 Resp: 128217

Ion Ratio Lower Upper

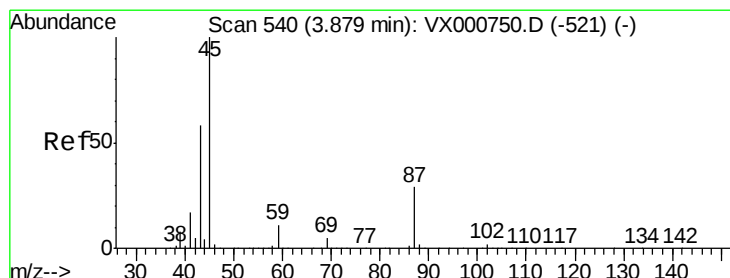
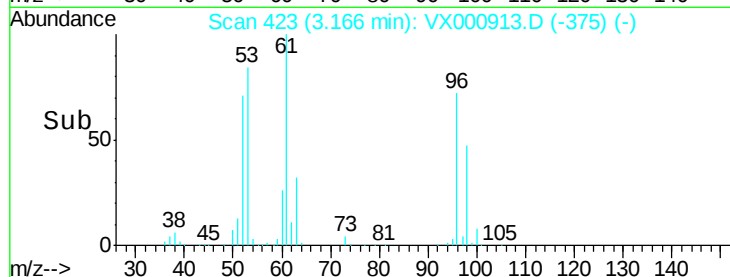
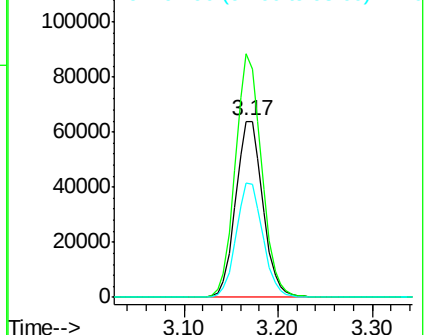
96 100

61 138.2 106.2 159.2

98 64.6 51.2 76.8



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



#22

Diisopropyl ether

Concen: 51.62 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

Tgt Ion: 45 Resp: 414008

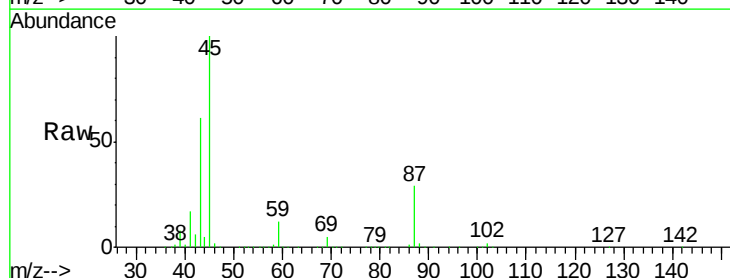
Ion Ratio Lower Upper

45 100

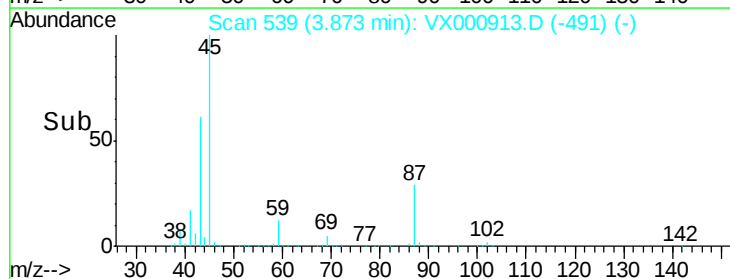
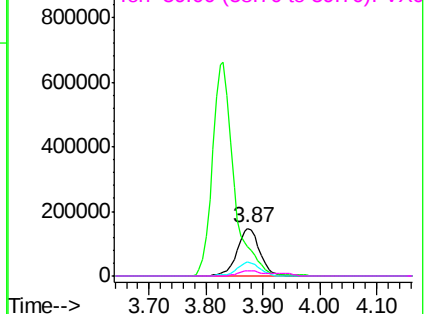
43 60.4 46.6 69.8

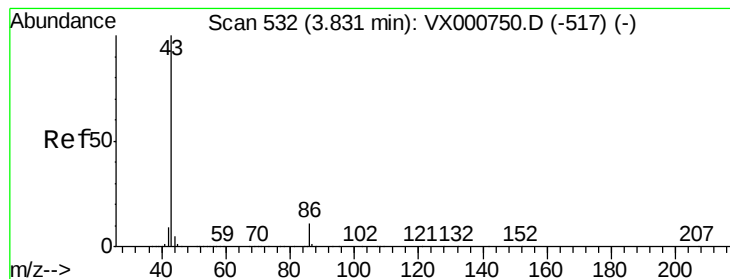
87 28.5 22.9 34.3

59 11.6 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 246.72 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

Instrument :

MSVOA_X

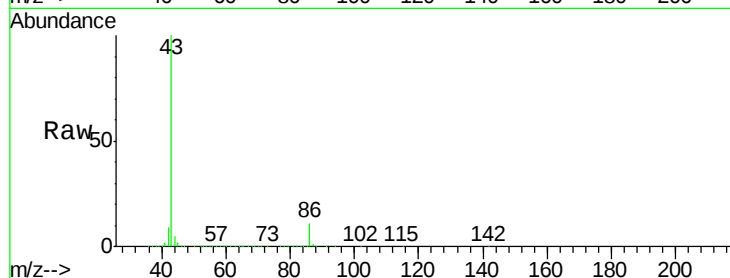
ClientSampleId :

Tot Ion: 43 Resp: 1737304

Ion Ratio Lower Upper

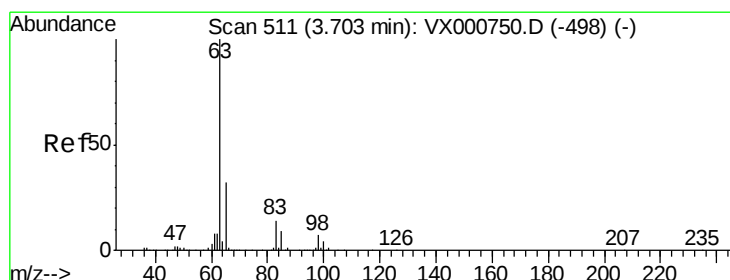
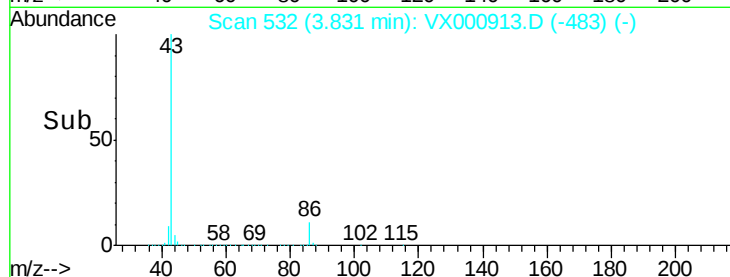
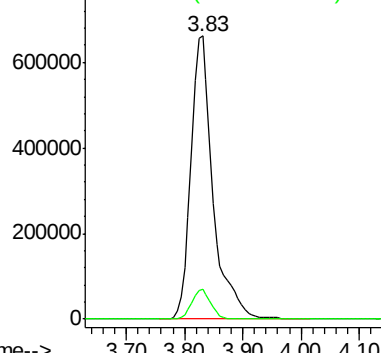
43 100

86 10.6 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.79 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

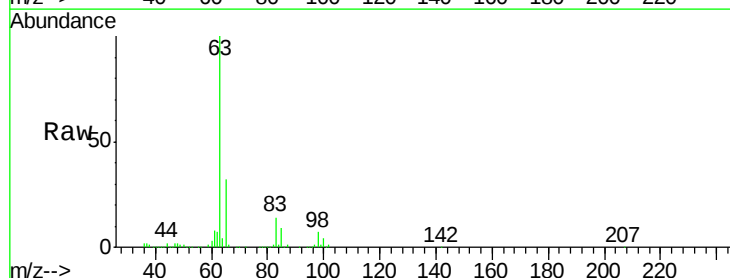
Tgt Ion: 63 Resp: 228561

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.9

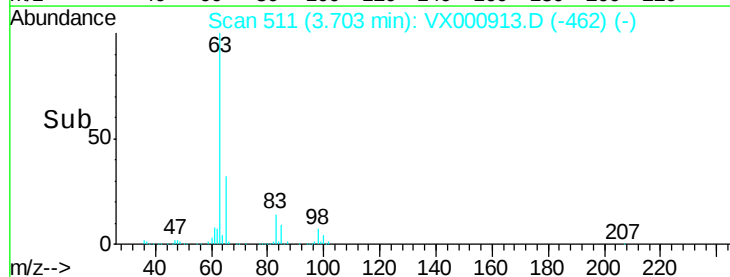
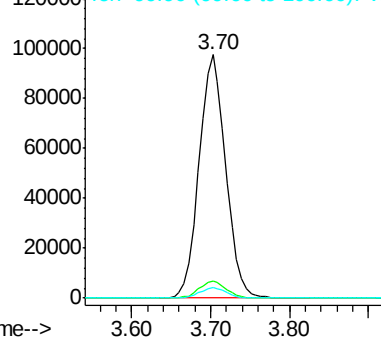
100 4.5 2.1 6.3

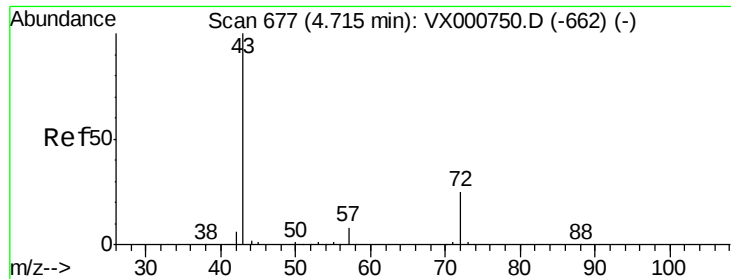


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 235.38 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

Instrument :

MSVOA_X

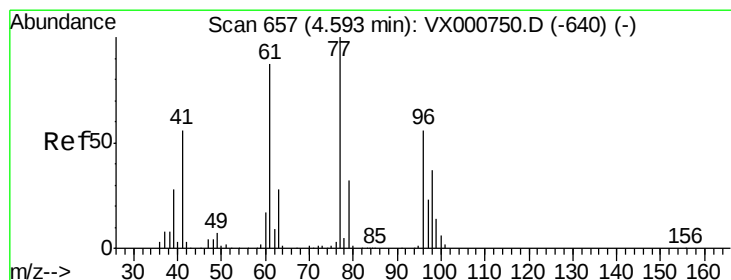
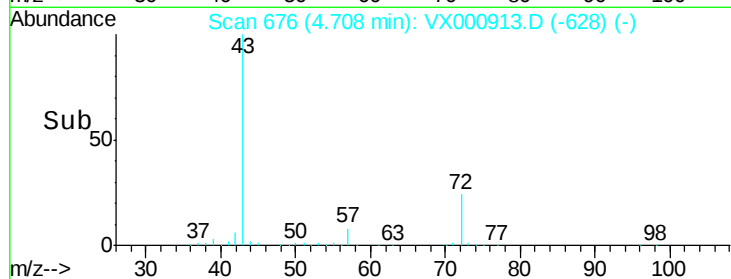
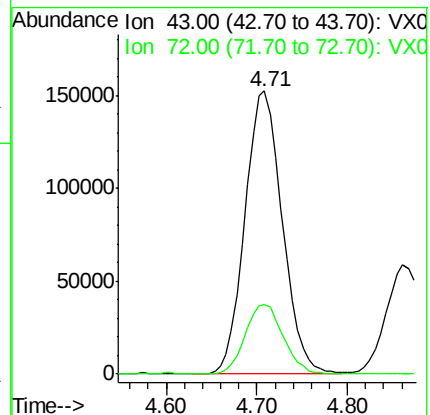
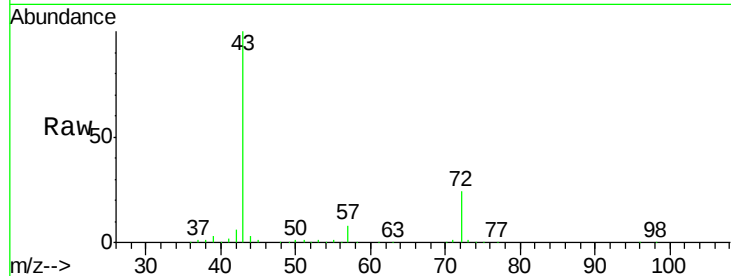
ClientSampleId :

Tot Ion: 43 Resp: 434628

Ion Ratio Lower Upper

43 100

72 24.3 20.3 30.5



#26

2,2-Dichloropropane

Concen: 48.46 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000913.D

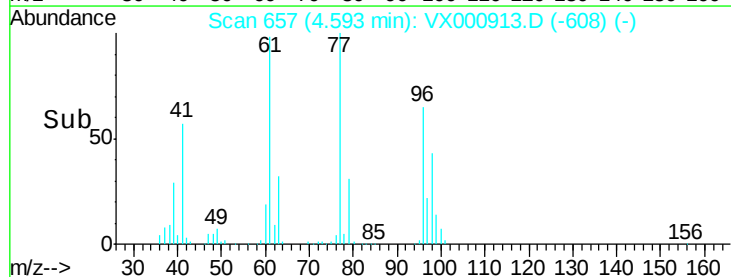
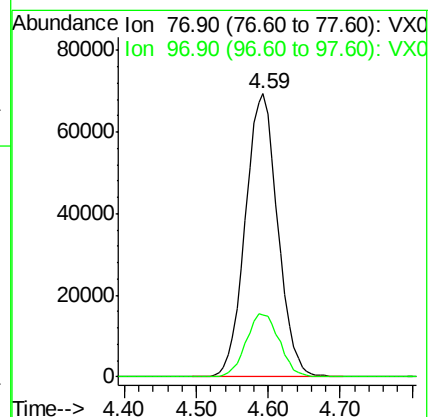
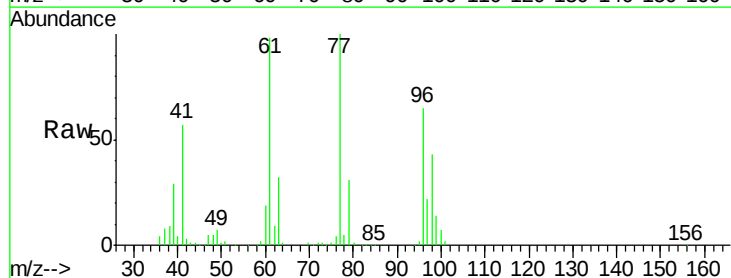
Acq: 16 Apr 2018 12:30

Tgt Ion: 77 Resp: 216466

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.4



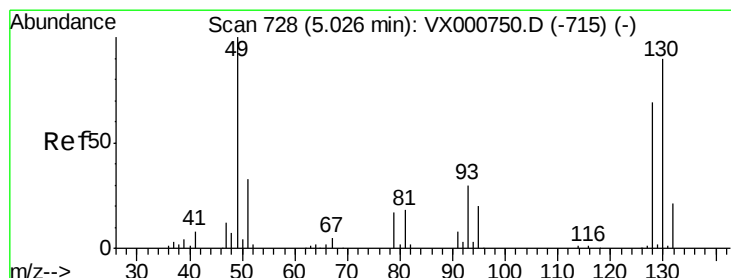
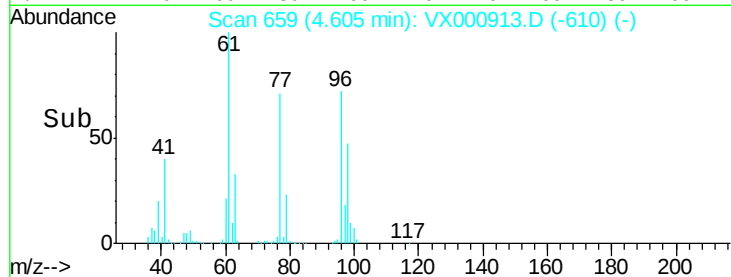
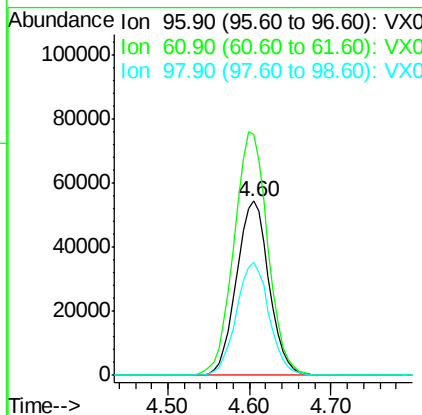
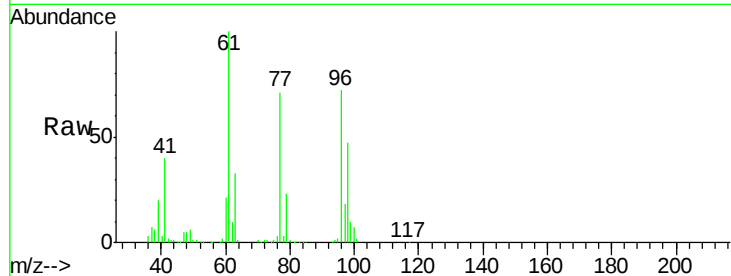


#27

cis-1,2-Dichloroethene
Concen: 50.97 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX000913.D
Acq: 16 Apr 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :

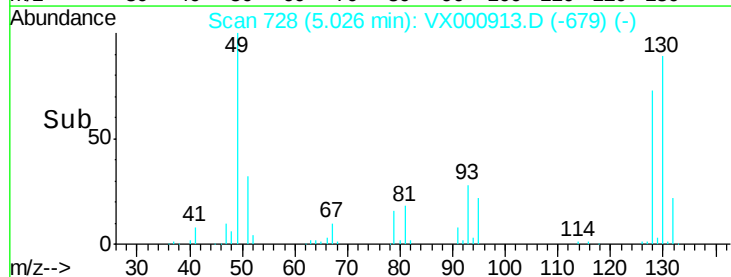
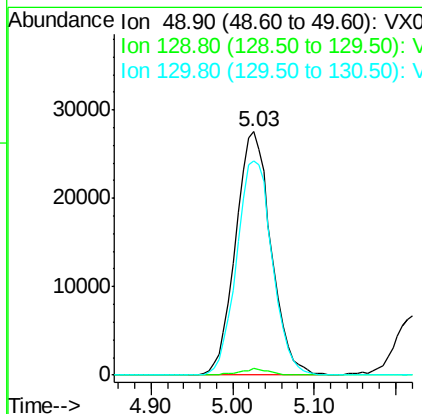
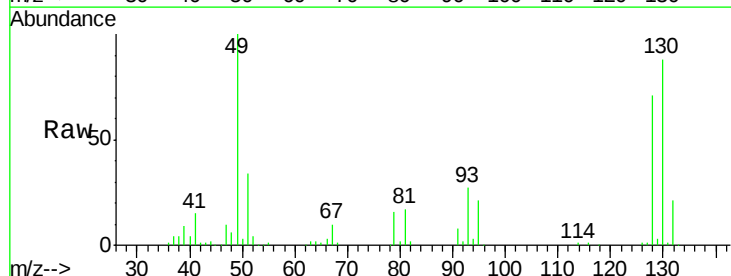
Tot Ion	96	Resp	150543
Ion	Ratio	Lower	Upper
96	100		
61	145.0	0.0	292.4
98	65.3	0.0	130.2

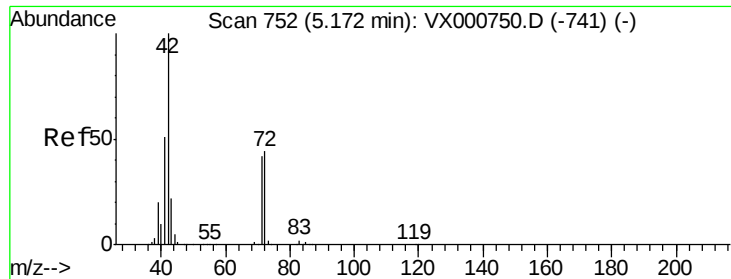


#28

Bromochloromethane
Concen: 45.96 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX000913.D
Acq: 16 Apr 2018 12:30

Tgt Ion	49	Resp	83283
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.2
130	88.2	72.6	109.0

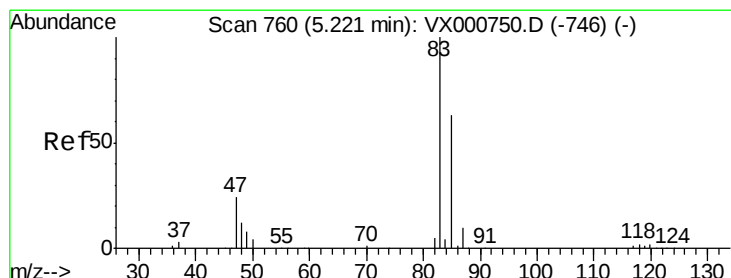
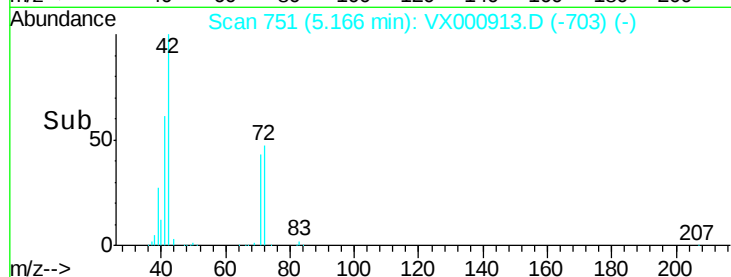
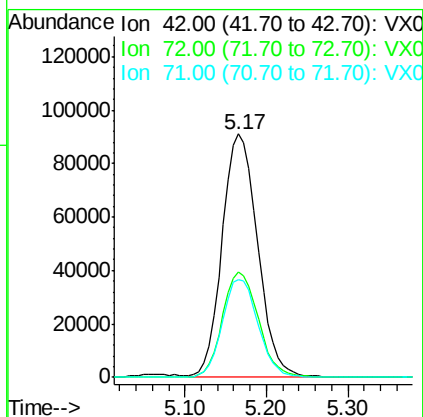
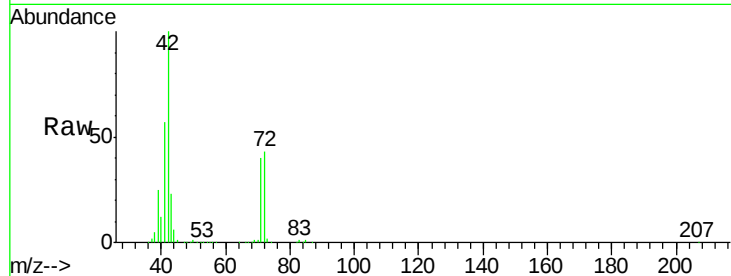




#29
Tetrahydrofuran
Concen: 232.85 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX000913.D
Acq: 16 Apr 2018 12:30

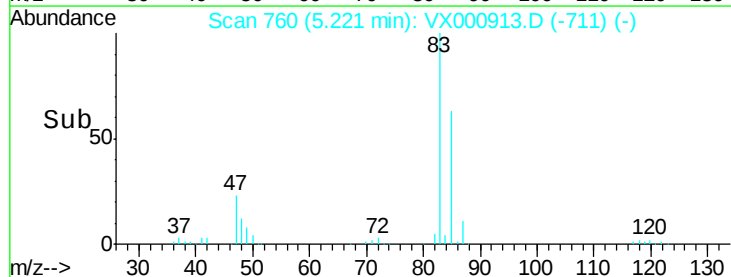
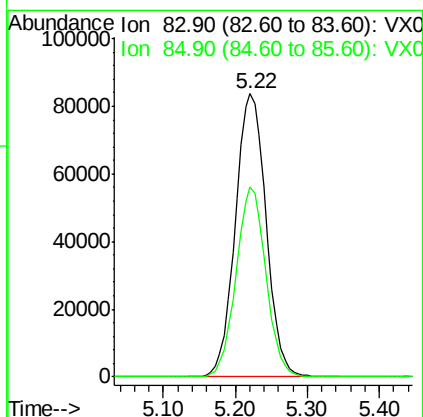
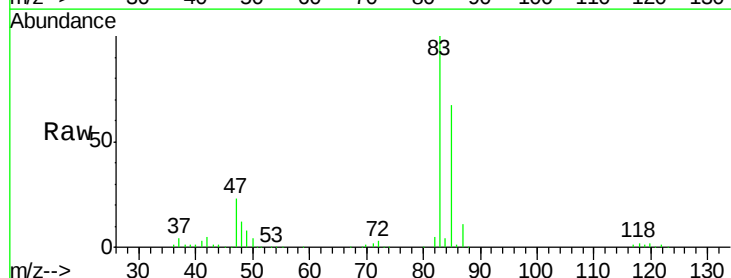
Instrument :
MSVOA_X
ClientSampled :

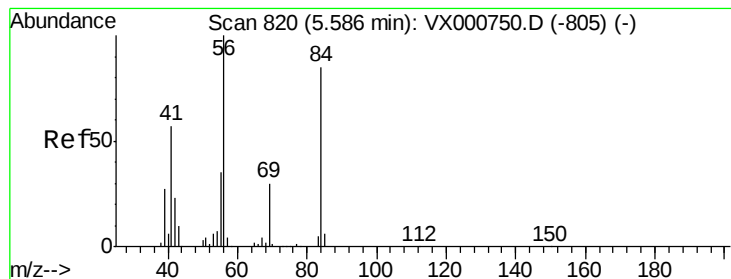
Tot Ion: 42 Resp: 272992
Ion Ratio Lower Upper
42 100
72 44.2 35.1 52.7
71 41.0 32.8 49.2



#30
Chloroform
Concen: 52.05 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX000913.D
Acq: 16 Apr 2018 12:30

Tgt Ion: 83 Resp: 247999
Ion Ratio Lower Upper
83 100
85 67.0 50.7 76.1





#31

Cyclohexane

Concen: 49.46 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :

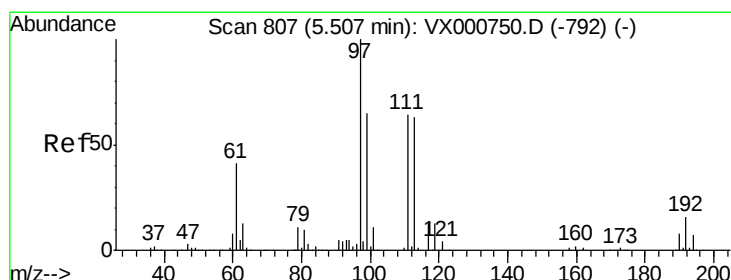
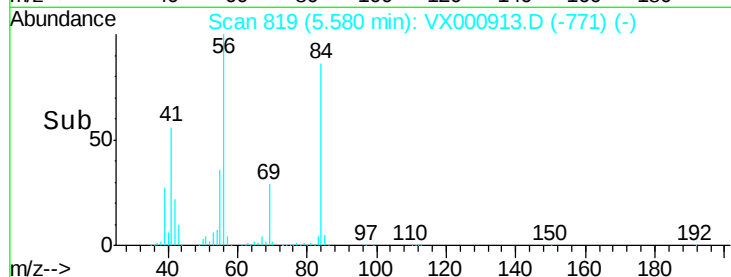
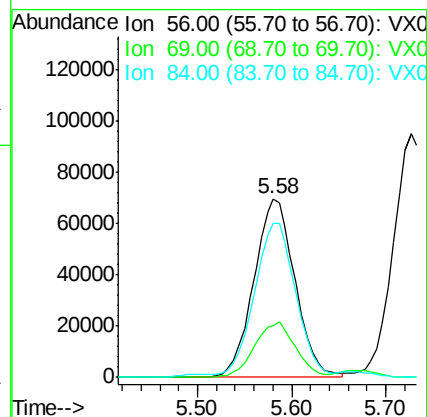
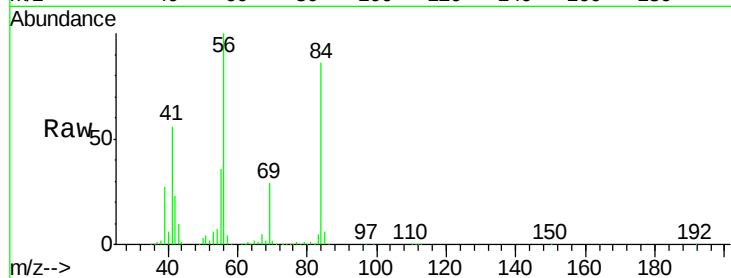
Tot Ion: 56 Resp: 211394

Ion Ratio Lower Upper

56 100

69 29.0 24.2 36.4

84 84.5 67.6 101.4



#32

1,1,1-Trichloroethane

Concen: 50.22 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

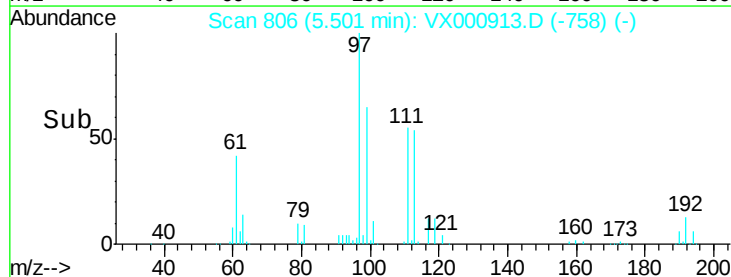
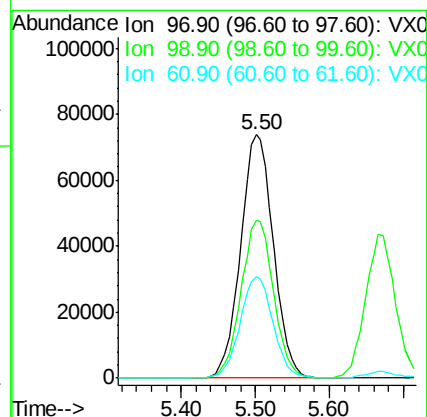
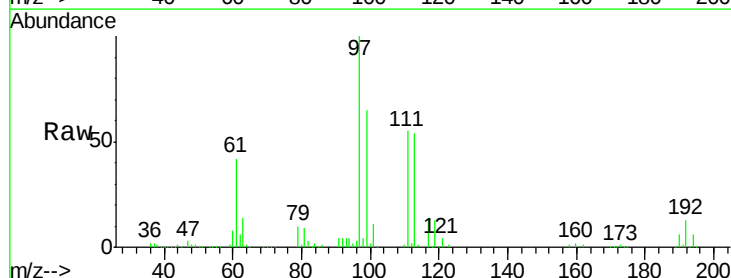
Tgt Ion: 97 Resp: 227980

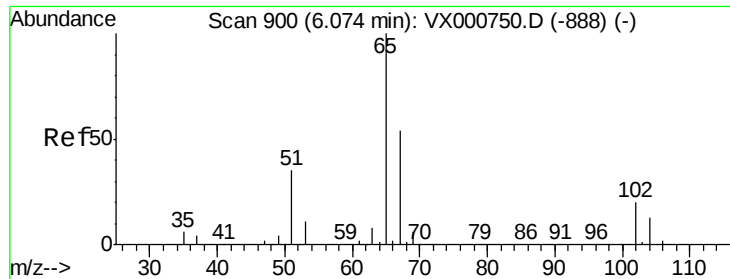
Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.0

61 41.9 33.7 50.5

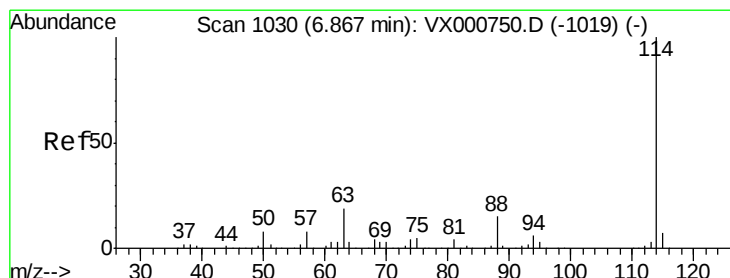
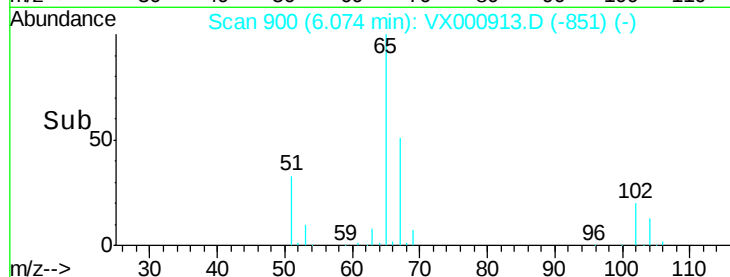
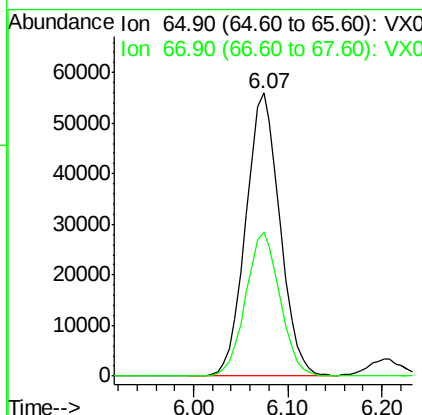
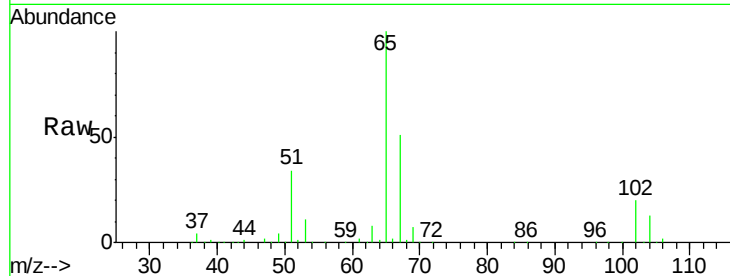




#33
 1,2-Dichloroethane-d4
 Concen: 43.93 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX000913.D
 Acq: 16 Apr 2018 12:30

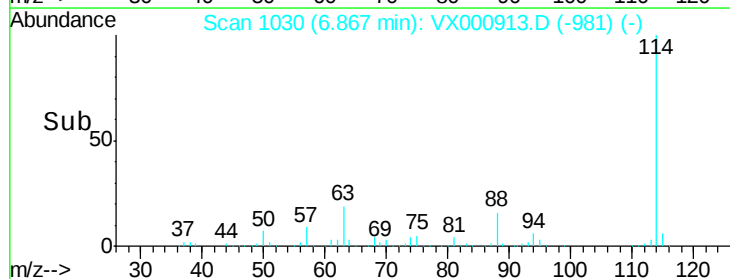
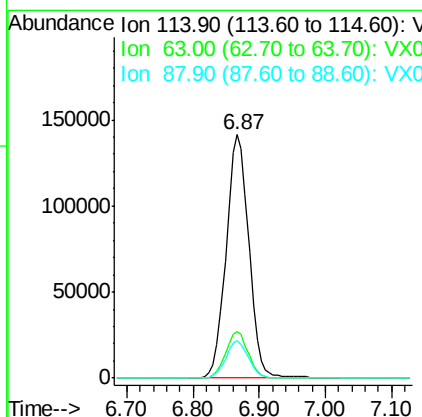
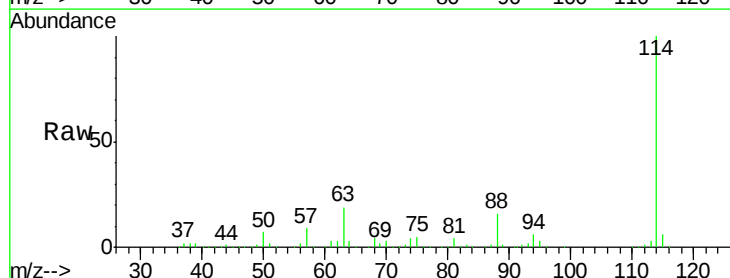
Instrument :
 MSVOA_X
 ClientSampleId :

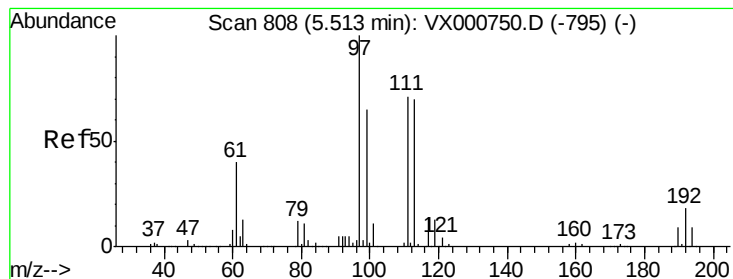
Tot Ion: 65 Resp: 142430
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX000913.D
 Acq: 16 Apr 2018 12:30

Tgt Ion: 114 Resp: 335647
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.4
 88 15.6 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.05 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

Instrument :

MSVOA_X

ClientSampled :

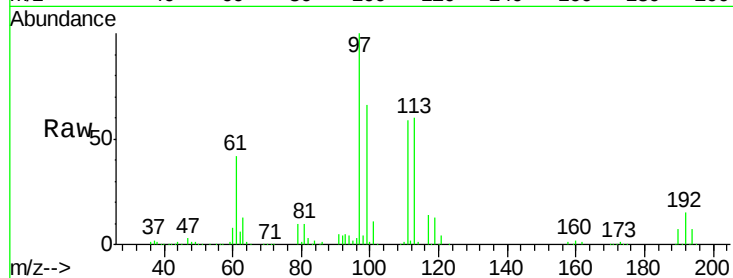
Tot Ion:113 Resp: 121663

Ion Ratio Lower Upper

113 100

111 101.2 81.5 122.3

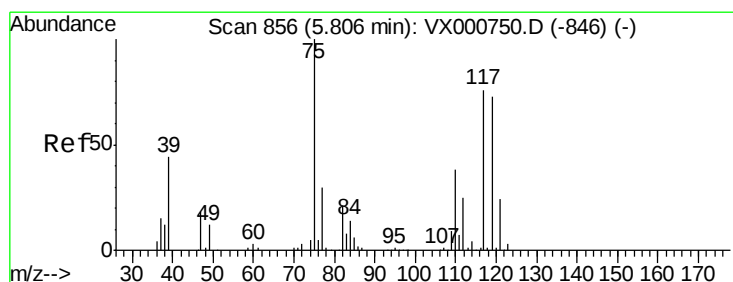
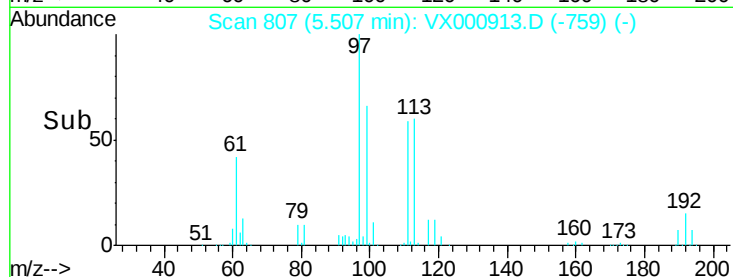
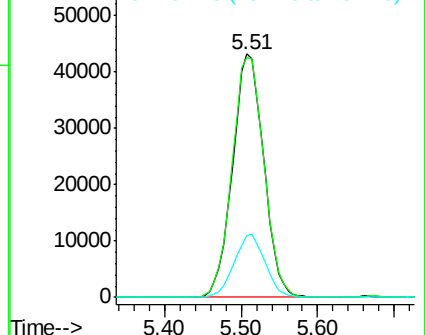
192 25.6 20.4 30.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.89 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

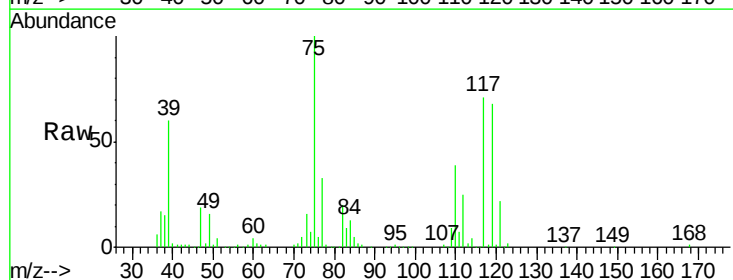
Tgt Ion: 75 Resp: 188103

Ion Ratio Lower Upper

75 100

110 37.9 19.2 57.6

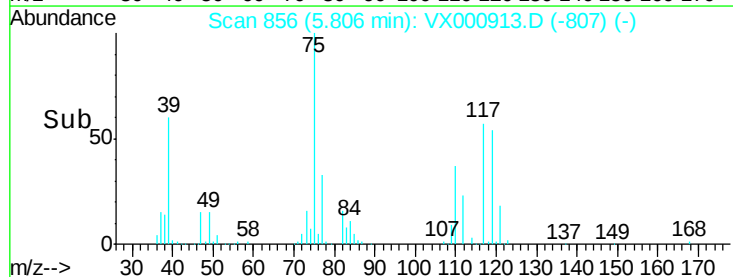
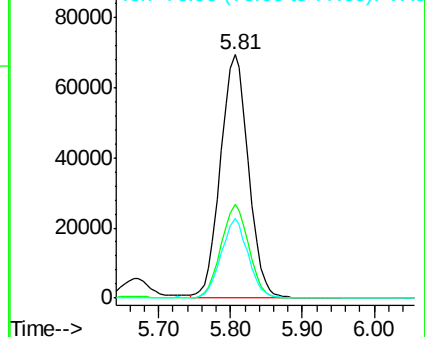
77 31.0 25.4 38.2

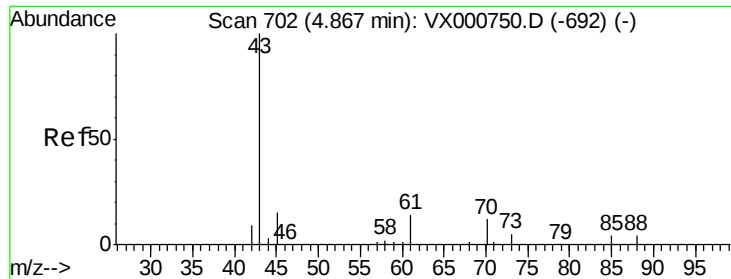


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

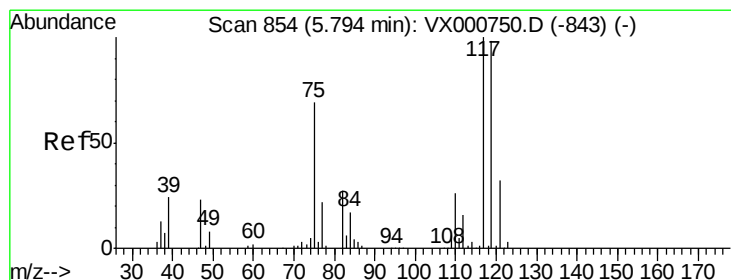
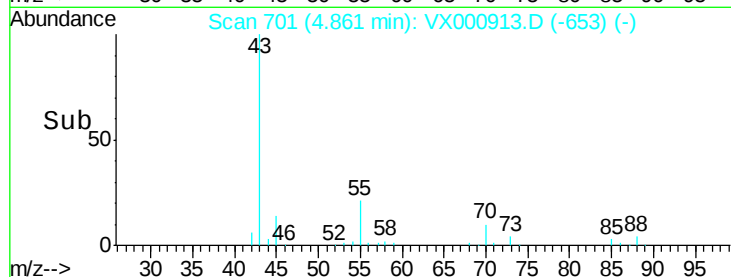
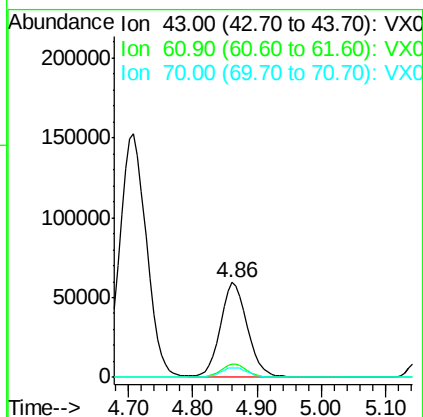
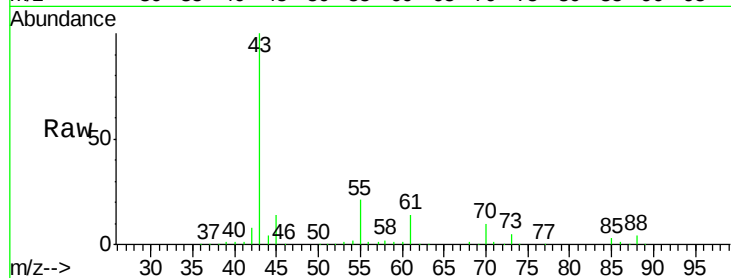




#37
Ethyl Acetate
Concen: 48.48 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX000913.D
Acq: 16 Apr 2018 12:30

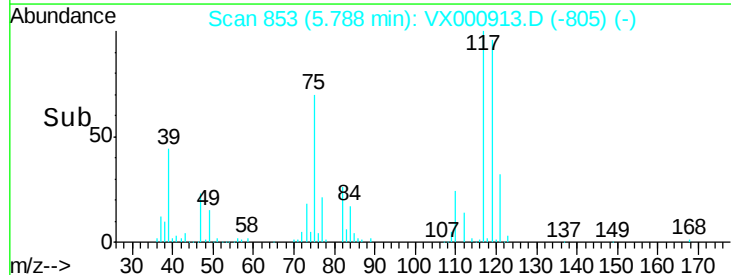
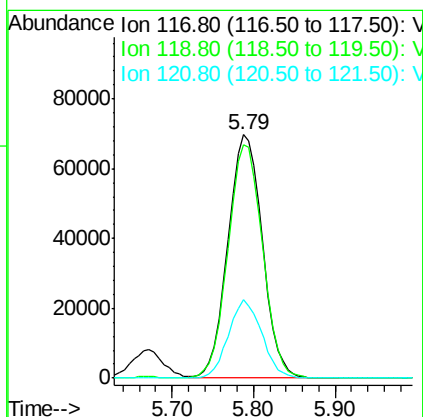
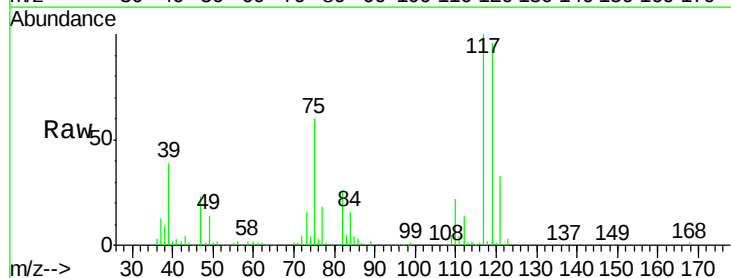
Instrument :
MSVOA_X
ClientSampleId :

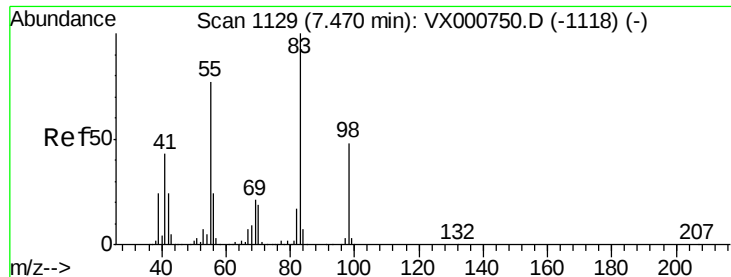
Tot Ion: 43 Resp: 174945
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.4
70 10.5 8.7 13.1



#38
Carbon Tetrachloride
Concen: 49.12 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000913.D
Acq: 16 Apr 2018 12:30

Tgt Ion: 117 Resp: 203244
Ion Ratio Lower Upper
117 100
119 95.7 78.4 117.6
121 32.5 25.4 38.0

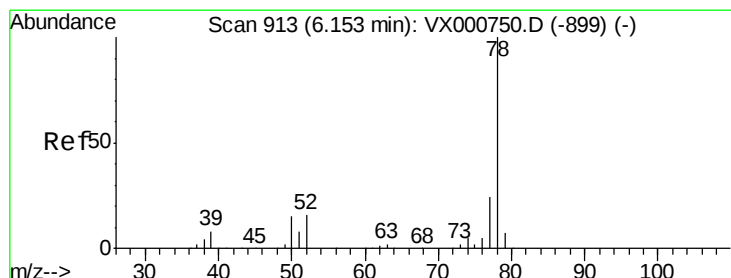
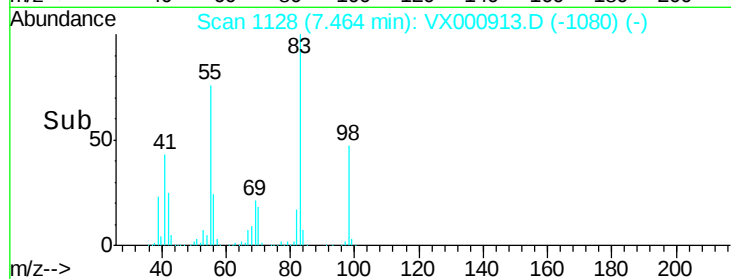
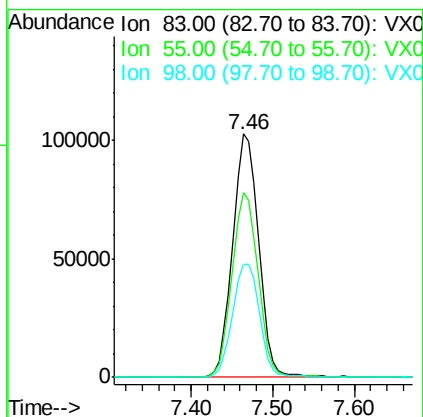
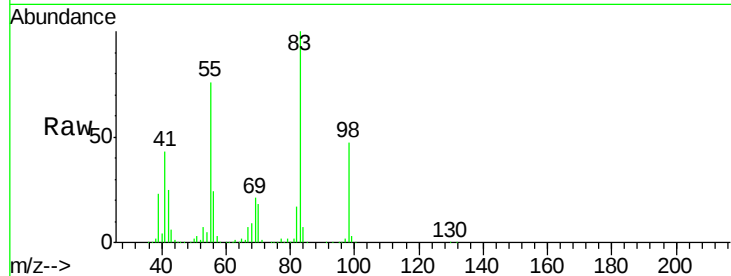




#39
Methvlcvclohexane
Concen: 50.81 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000913.D
Acq: 16 Apr 2018 12:30

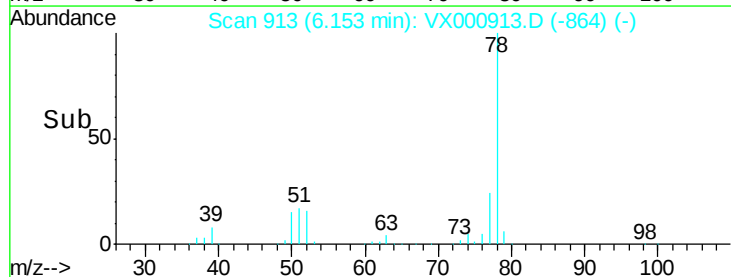
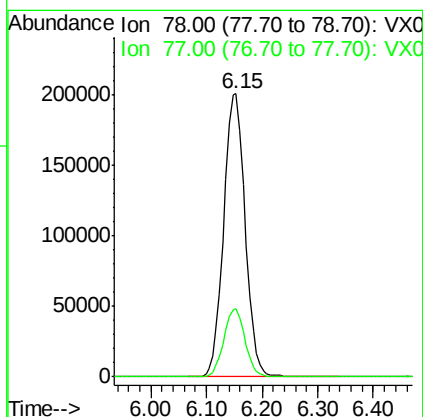
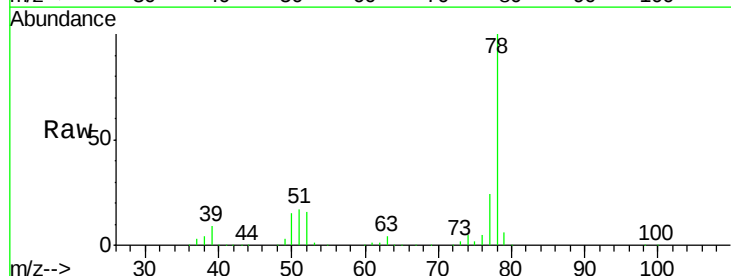
Instrument :
MSVOA_X
ClientSampleId :

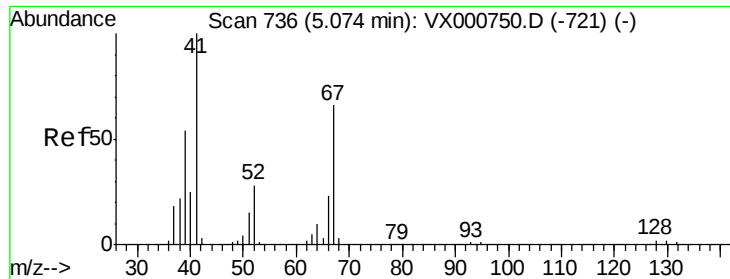
Tot Ion	83	Resp	225563
Ion	Ratio	Lower	Upper
83	100		
55	76.0	61.5	92.3
98	46.5	38.1	57.1



#40
Benzene
Concen: 52.10 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000913.D
Acq: 16 Apr 2018 12:30

Tgt Ion	78	Resp	535162
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.6

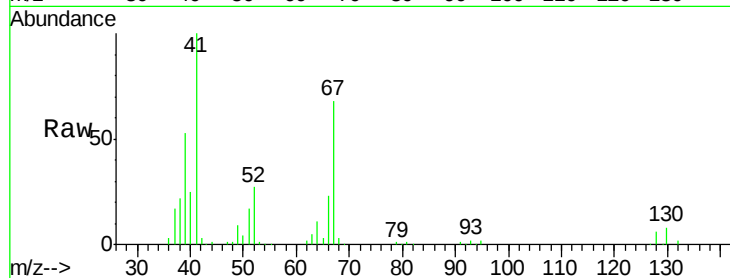




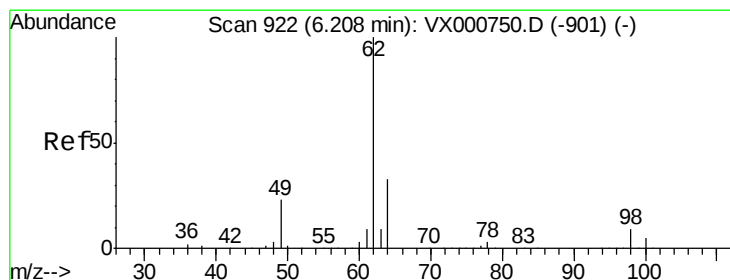
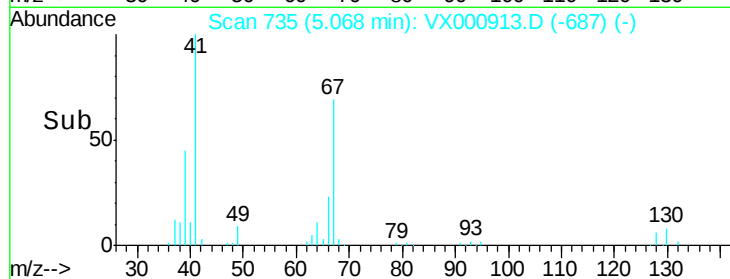
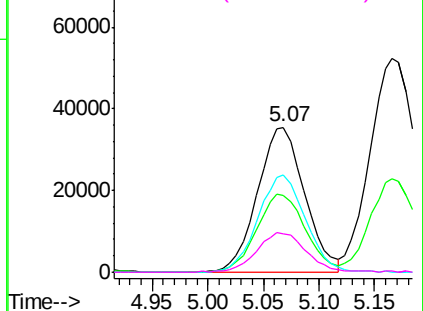
#41
Methacrylonitrile
Concen: 49.90 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000913.D
Acq: 16 Apr 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	104024
Ion	Ratio	Lower	Upper
41	100		
39	55.5	44.9	67.3
67	68.7	54.7	82.1
52	28.7	23.0	34.6

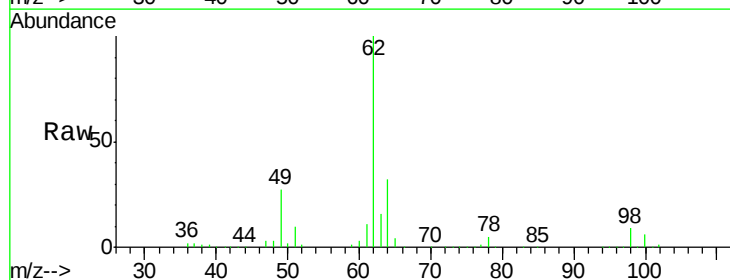


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

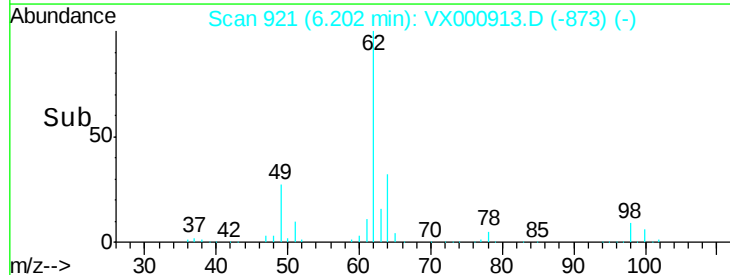
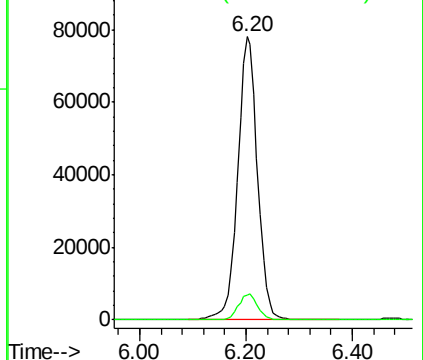


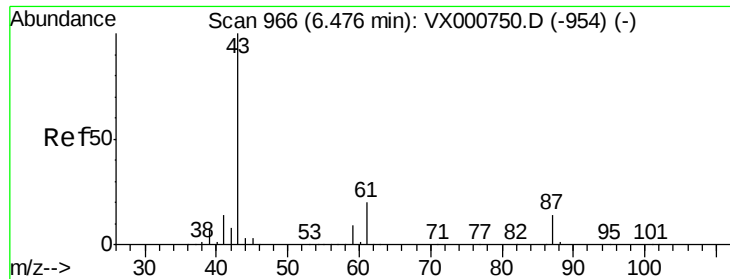
#42
1,2-Dichloroethane
Concen: 52.26 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000913.D
Acq: 16 Apr 2018 12:30

Tgt Ion:	62	Resp:	200473
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.6



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



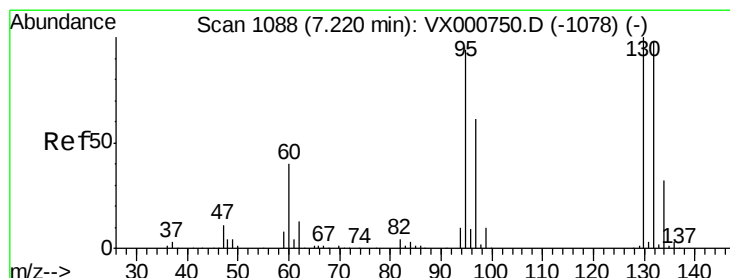
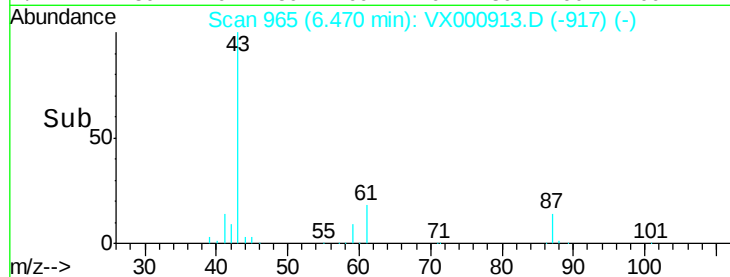
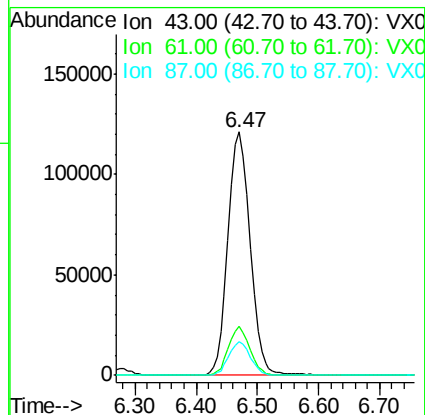
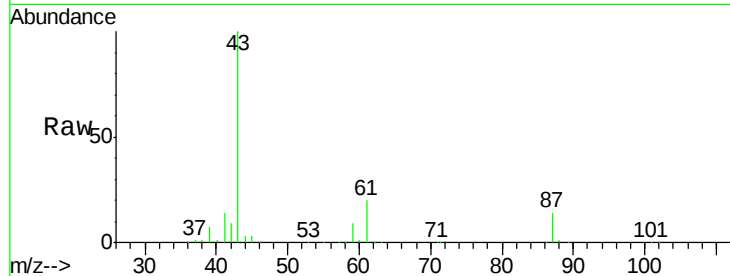


#43

Isopropyl Acetate
 Concen: 49.04 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX000913.D
 Acq: 16 Apr 2018 12:30

Instrument :
 MSVOA_X
 ClientSampled :

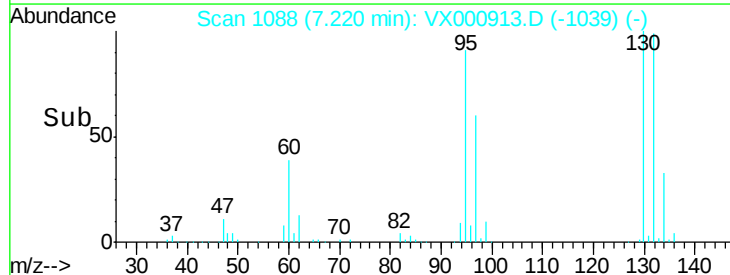
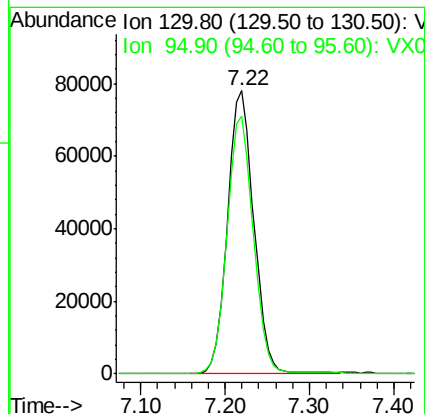
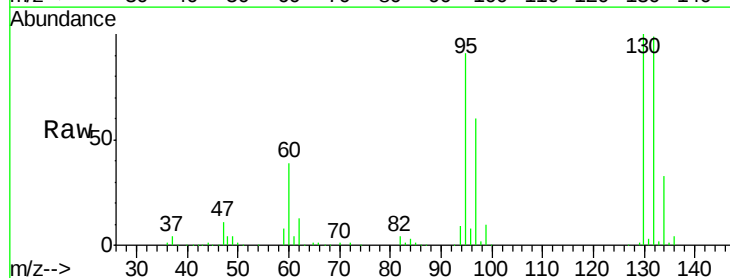
Tot Ion	43	Resp	303392
Ion Ratio	Lower	Upper	
43	100		
61	19.4	15.6	23.4
87	13.5	10.7	16.1

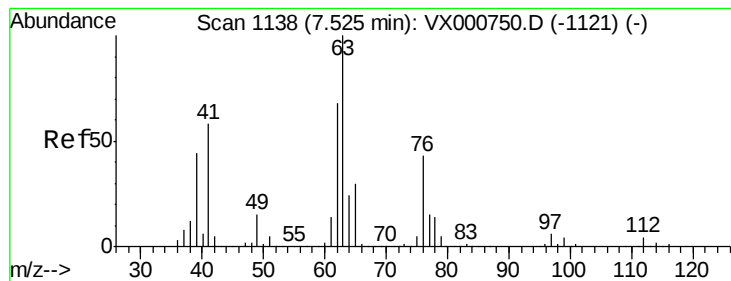


#44

Trichloroethene
 Concen: 52.25 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX000913.D
 Acq: 16 Apr 2018 12:30

Tgt Ion	130	Resp	166895
Ion Ratio	Lower	Upper	
130	100		
95	91.0	0.0	187.0





#45

1,2-Dichloropropane

Concen: 52.97 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

Instrument :

MSVOA_X

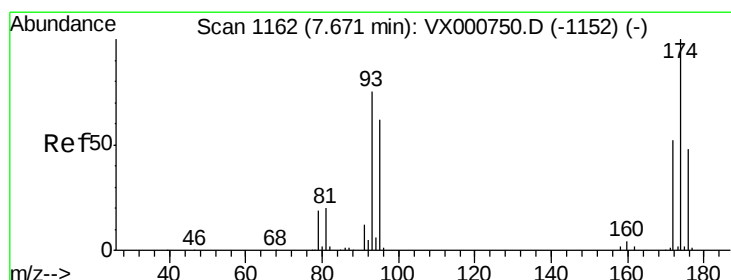
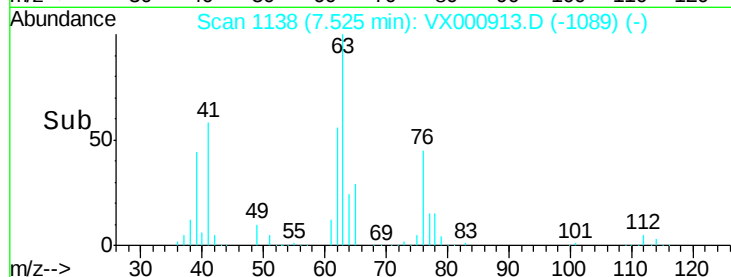
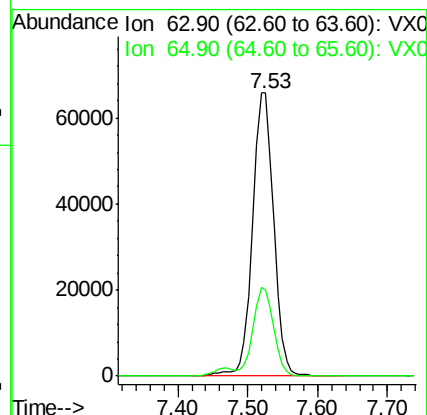
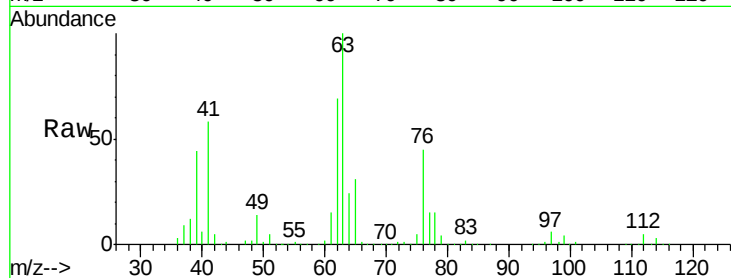
ClientSampleId :

Tot Ion: 63 Resp: 138551

Ion Ratio Lower Upper

63 100

65 30.7 23.7 35.5



#46

Dibromomethane

Concen: 51.22 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

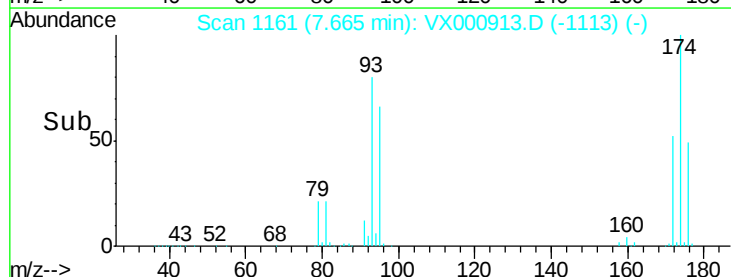
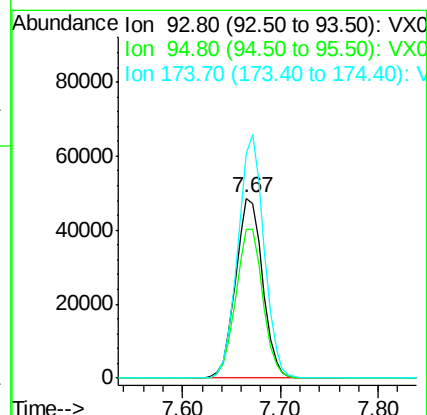
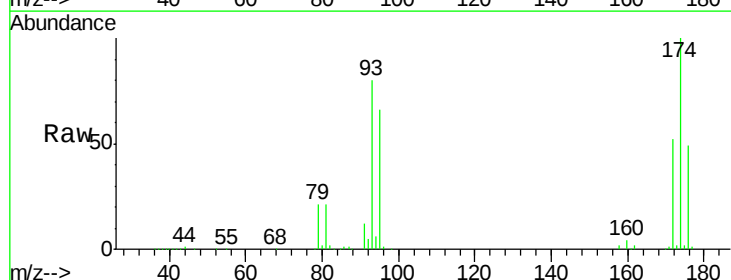
Tgt Ion: 93 Resp: 93403

Ion Ratio Lower Upper

93 100

95 83.1 66.6 100.0

174 130.6 104.5 156.7





#47

Bromodichloromethane

Concen: 50.98 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

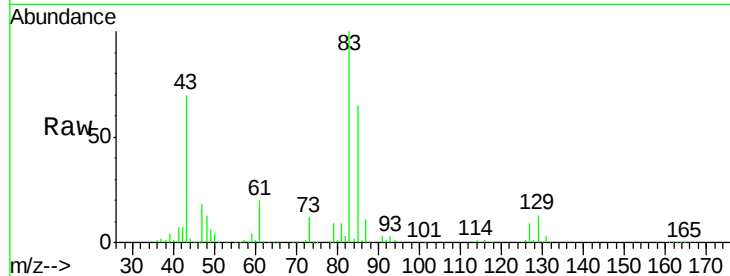
Tot Ion: 83 Resp: 187618

Ion Ratio Lower Upper

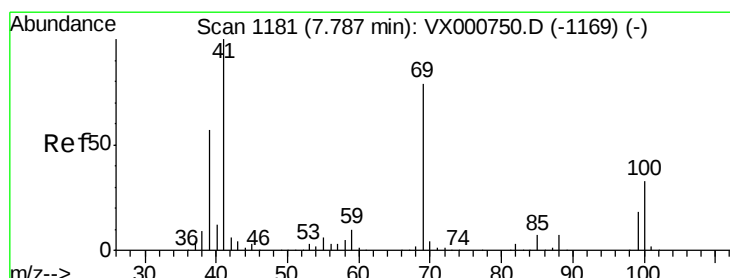
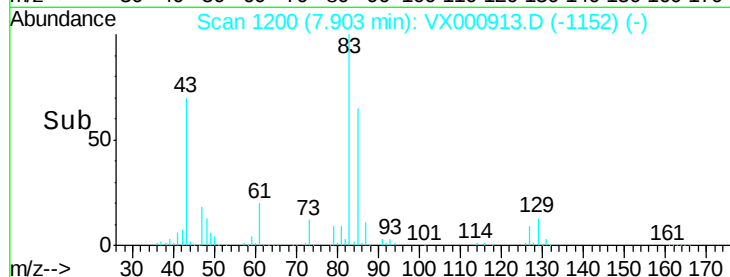
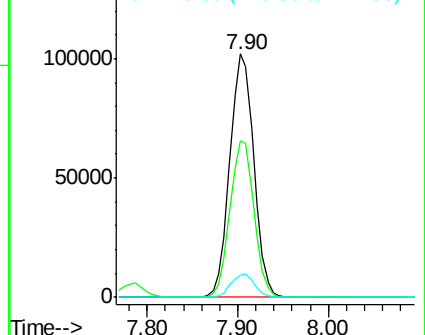
83 100

85 64.5 52.2 78.4

127 9.3 7.8 11.8



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: 49.42 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

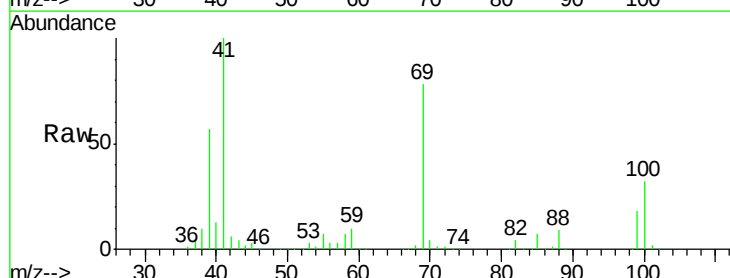
Tgt Ion: 41 Resp: 158497

Ion Ratio Lower Upper

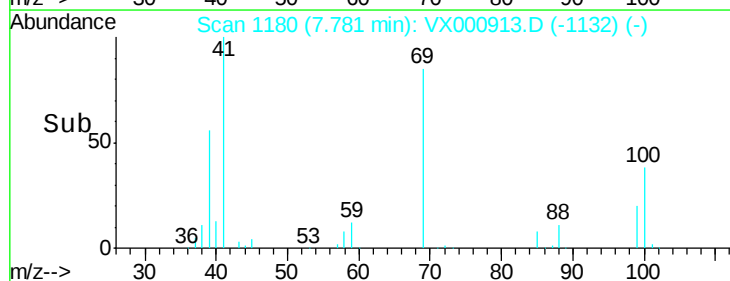
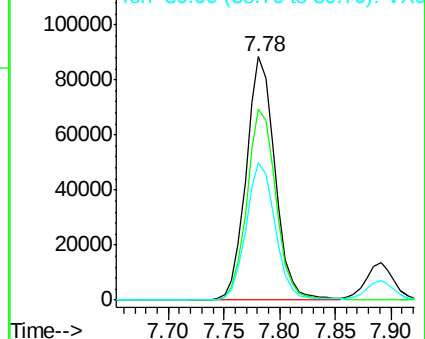
41 100

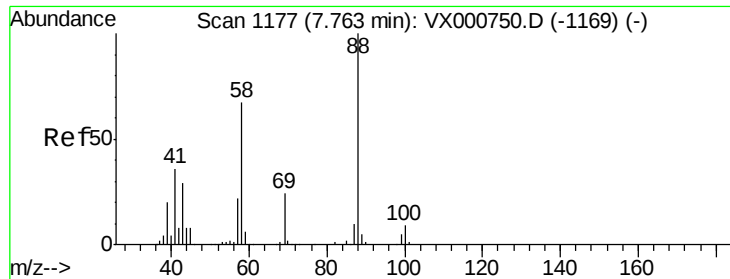
69 79.9 63.9 95.9

39 57.0 45.9 68.9



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

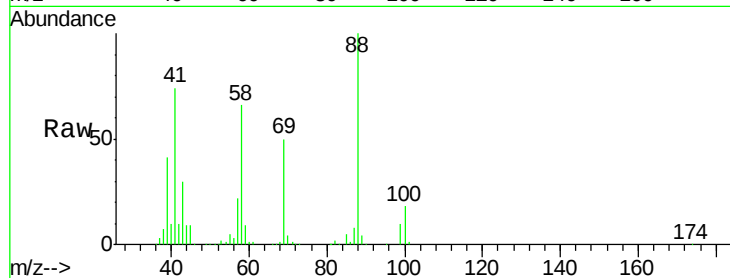




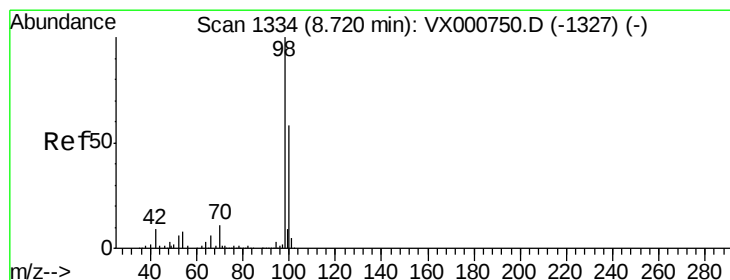
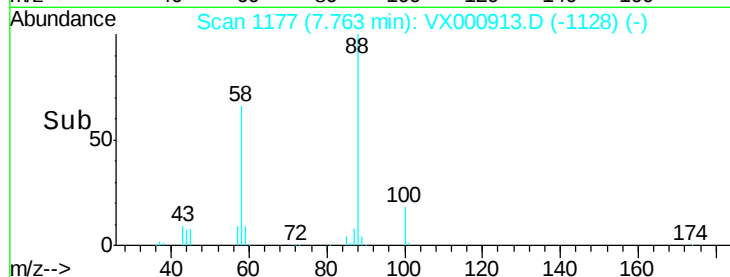
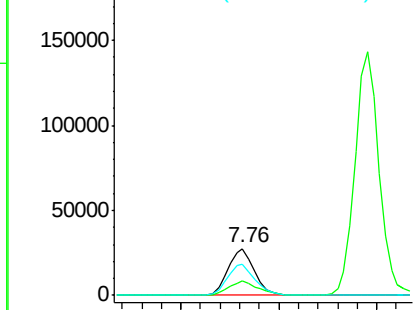
#49
 1,4-Dioxane
 Concen: 792.57 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX000913.D
 Acq: 16 Apr 2018 12:30

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 88 Resp: 51079
 Ion Ratio Lower Upper
 88 100
 43 34.7 25.8 38.8
 58 70.2 54.4 81.6

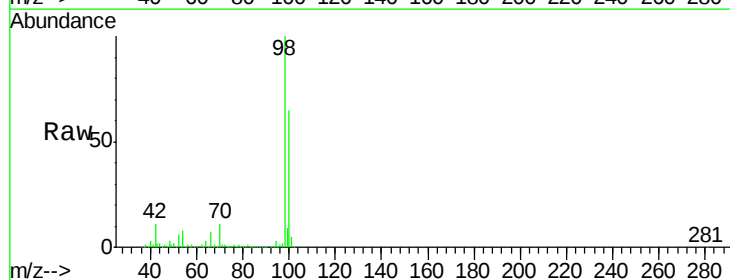


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

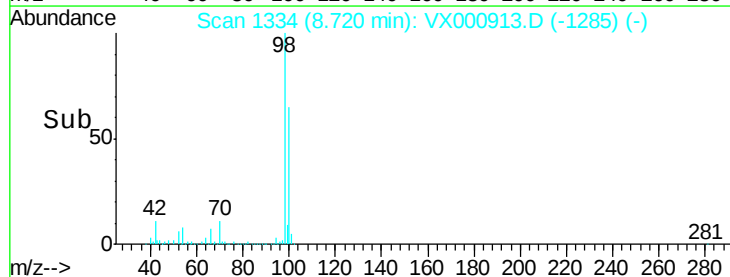
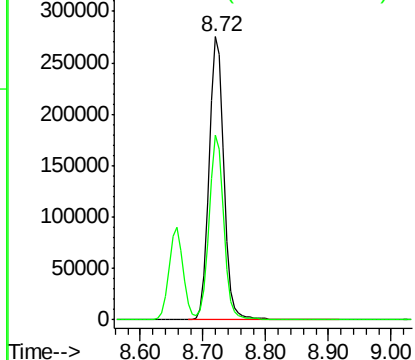


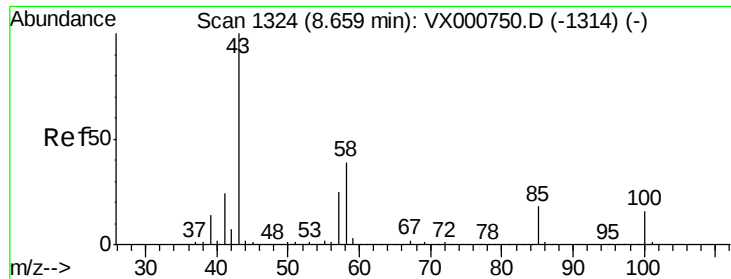
#50
 Toluene-d8
 Concen: 46.57 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX000913.D
 Acq: 16 Apr 2018 12:30

Tgt Ion: 98 Resp: 448398
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 248.95 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

Instrument :

MSVOA_X

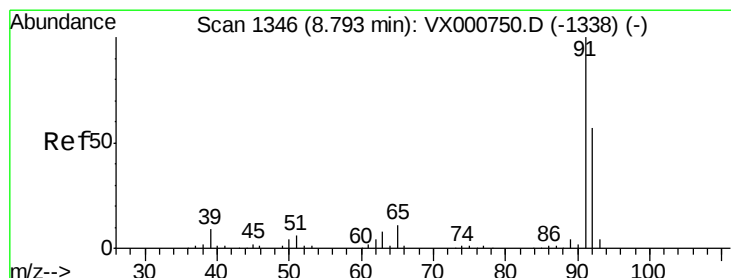
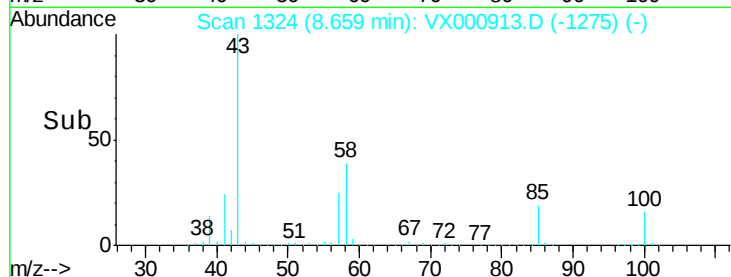
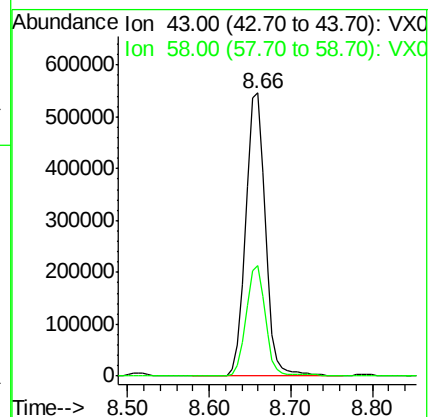
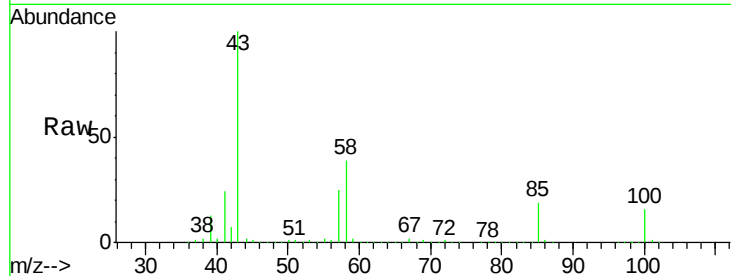
ClientSampleId :

Tot Ion: 43 Resp: 904739

Ion Ratio Lower Upper

43 100

58 38.8 30.3 45.5



#52

Toluene

Concen: 52.74 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX000913.D

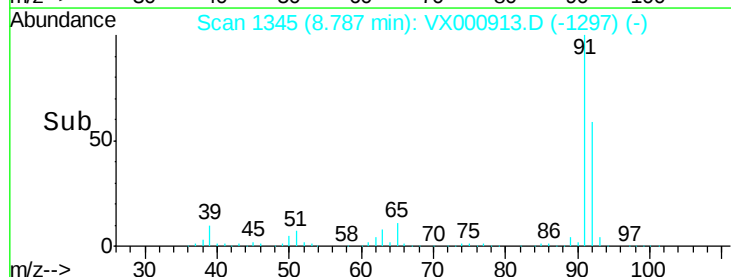
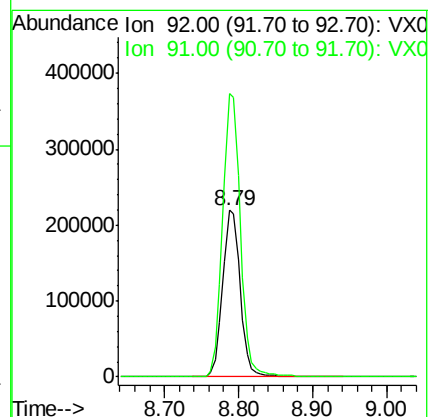
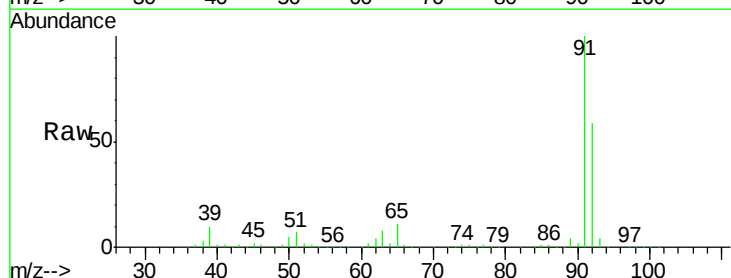
Acq: 16 Apr 2018 12:30

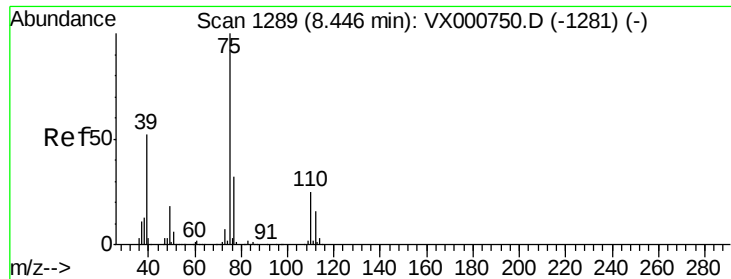
Tgt Ion: 92 Resp: 359367

Ion Ratio Lower Upper

92 100

91 171.5 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 51.86 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

Instrument :

MSVOA_X

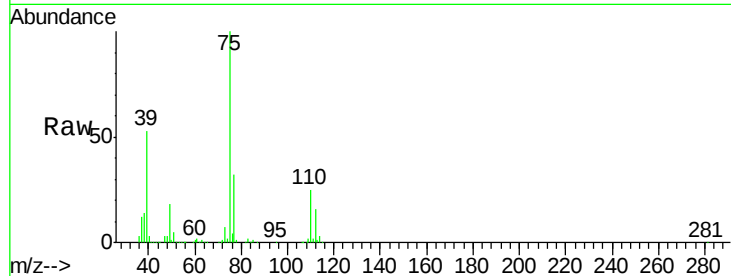
ClientSampleId :

Tot Ion: 75 Resp: 228922

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

150000

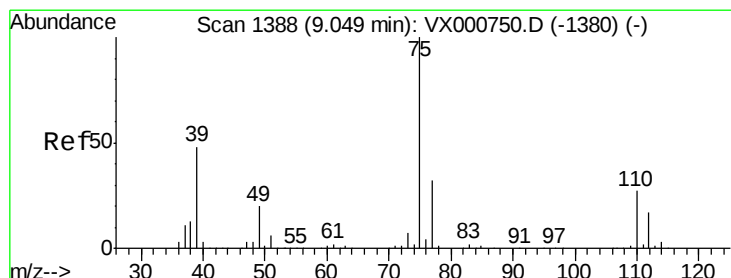
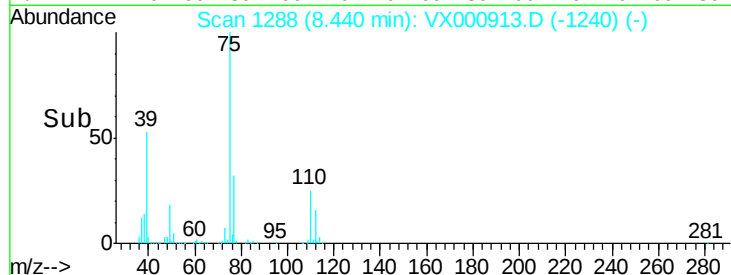
100000

50000

0

8.40 8.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.87 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

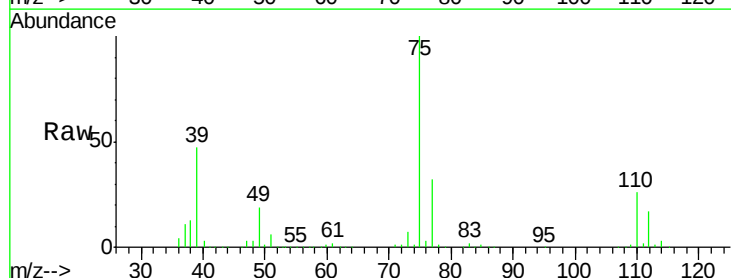
Tgt Ion: 75 Resp: 218679

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2

39 47.1 38.6 58.0



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

200000

150000

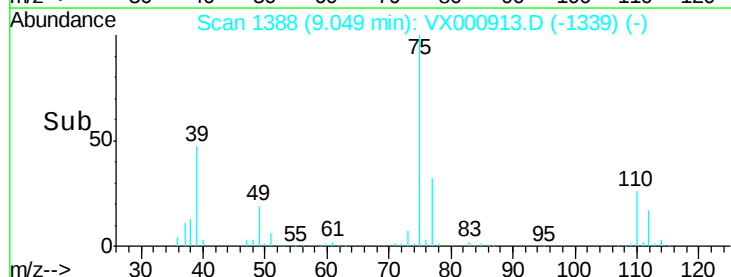
100000

50000

0

9.00 9.10 9.20

Time-->





#55

1,1,2-Trichloroethane

Concen: 52.90 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 97 Resp: 143101

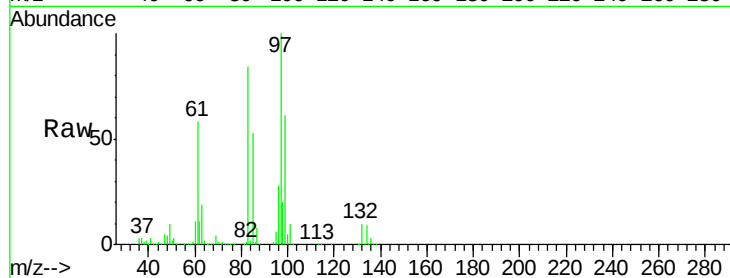
Ion Ratio Lower Upper

97 100

83 83.7 67.6 101.4

85 53.3 43.8 65.6

99 61.4 50.2 75.4

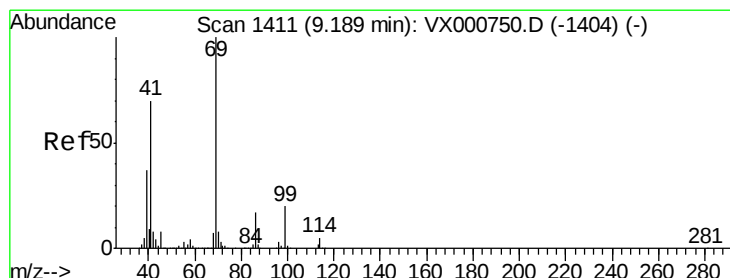
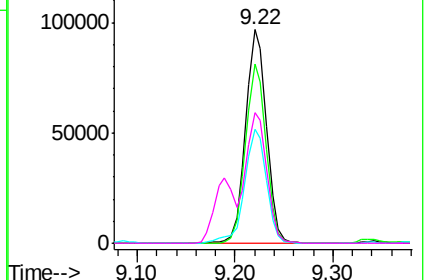
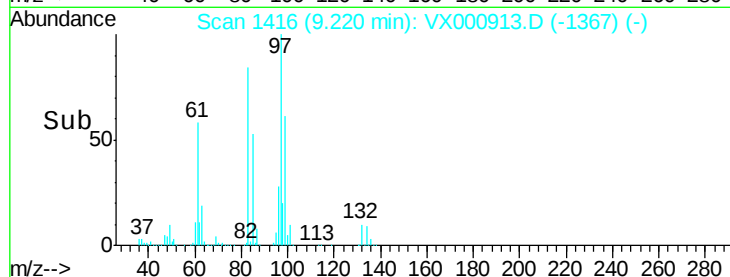


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 51.40 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

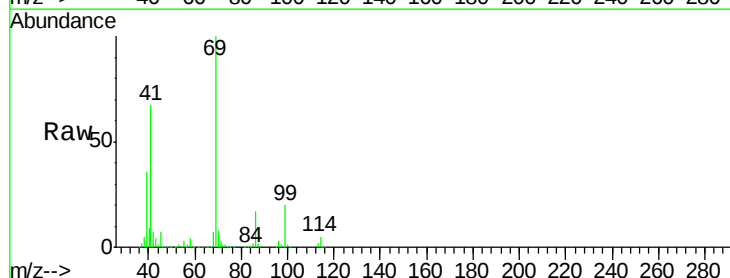
Tgt Ion: 69 Resp: 214488

Ion Ratio Lower Upper

69 100

41 68.2 55.6 83.4

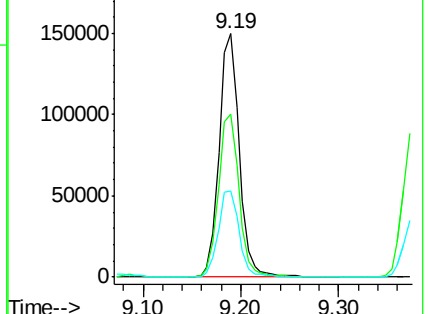
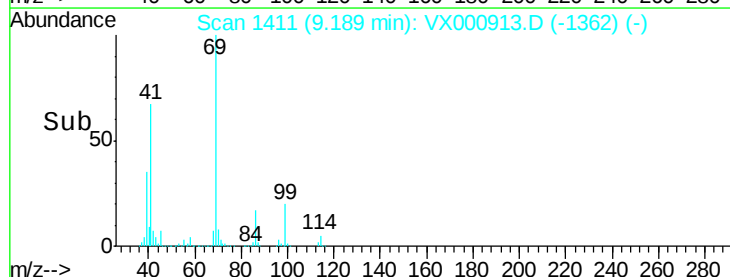
39 36.5 30.3 45.5

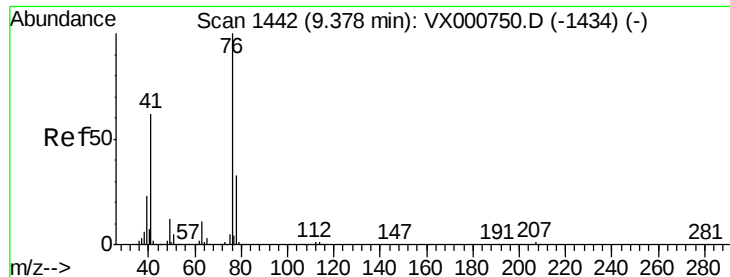


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 53.82 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

Instrument :

MSVOA_X

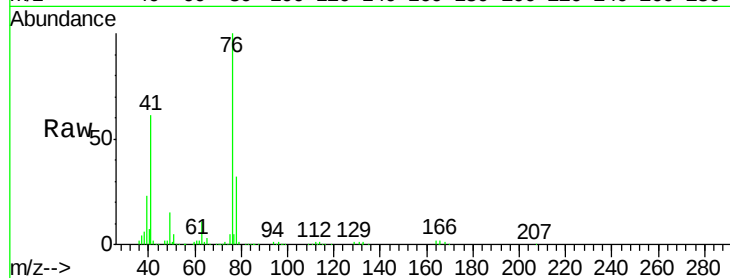
ClientSampleId :

Tot Ion: 76 Resp: 231446

Ion Ratio Lower Upper

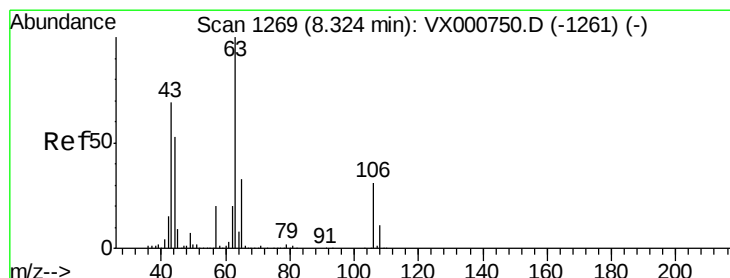
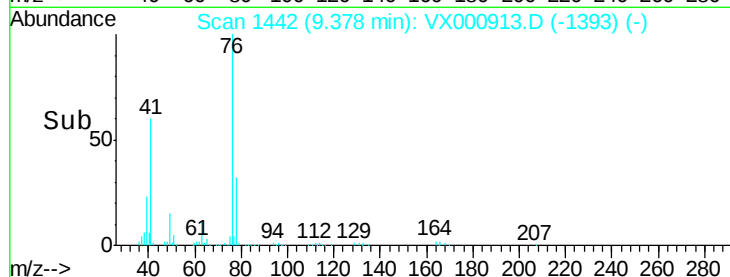
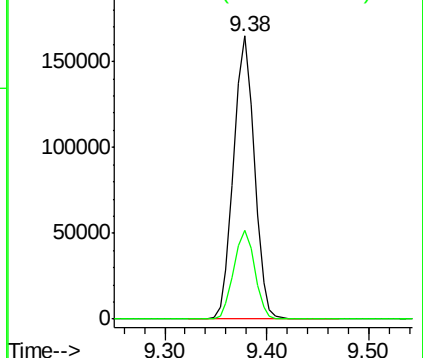
76 100

78 31.8 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 261.91 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000913.D

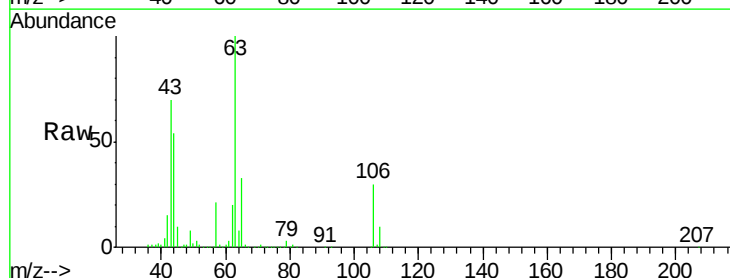
Acq: 16 Apr 2018 12:30

Tgt Ion: 63 Resp: 510646

Ion Ratio Lower Upper

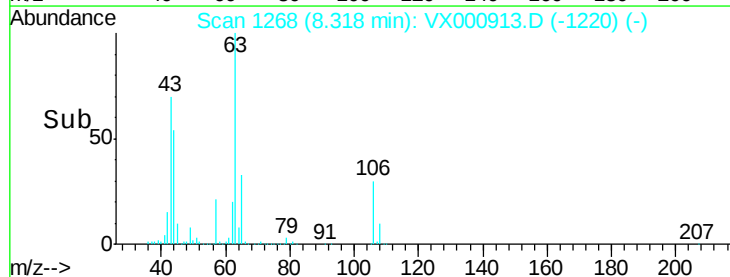
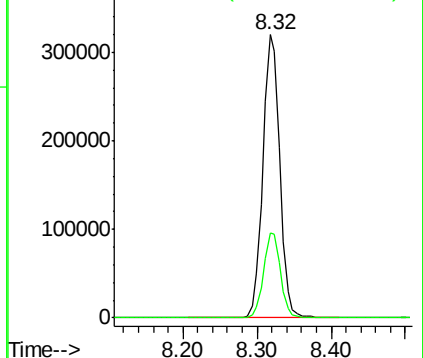
63 100

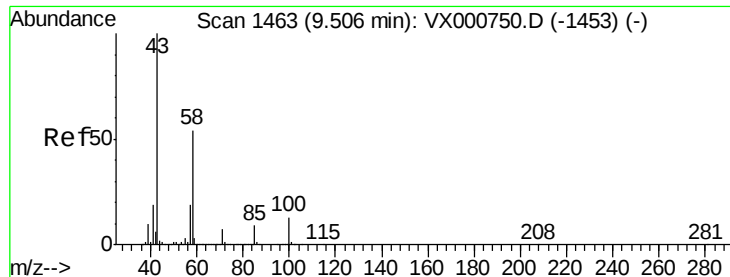
106 30.1 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

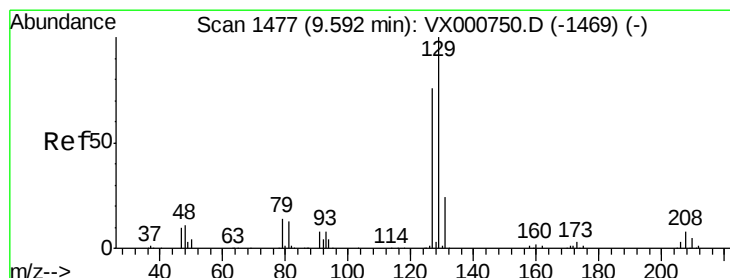
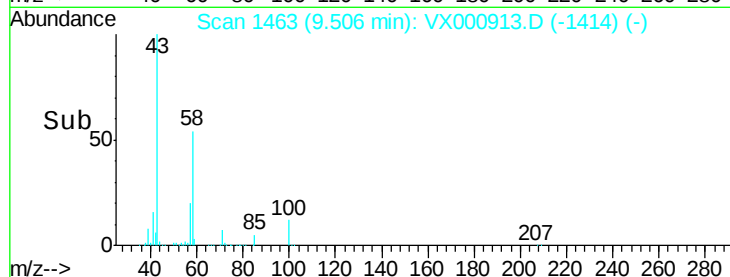
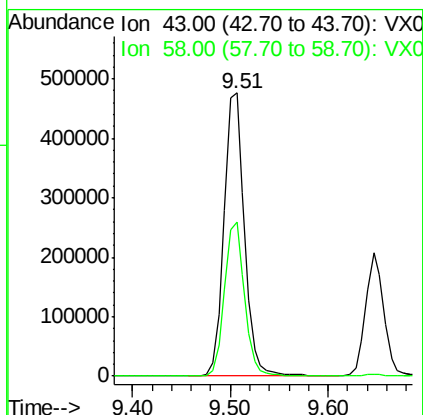
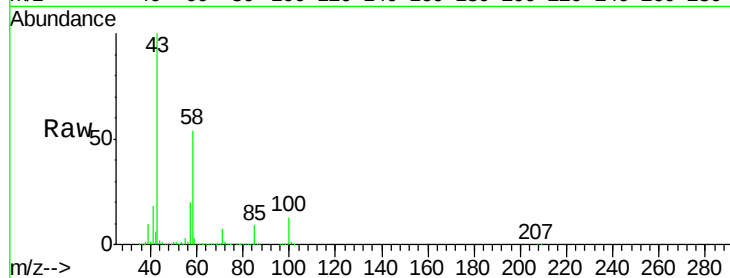




#59
2-Hexanone
Concen: 246.14 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000913.D
Acq: 16 Apr 2018 12:30

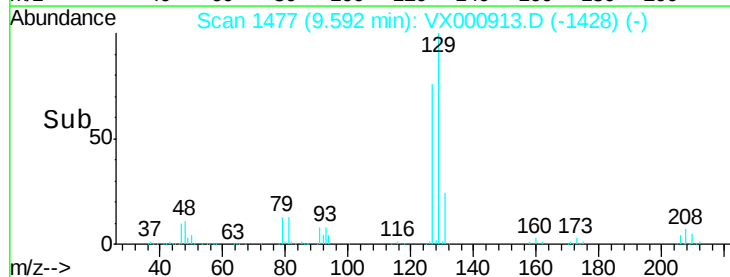
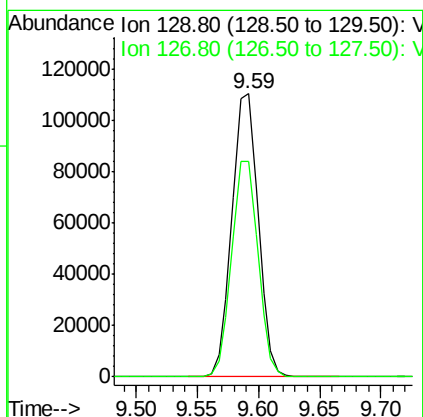
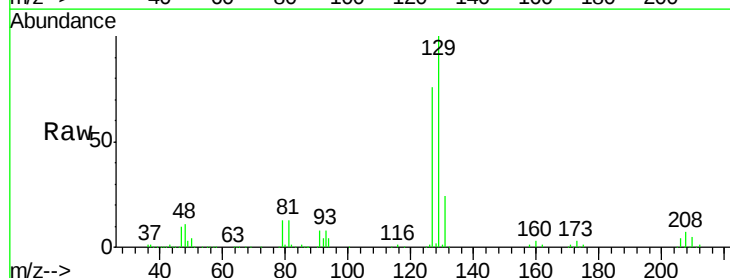
Instrument :
MSVOA_X
ClientSampleId :

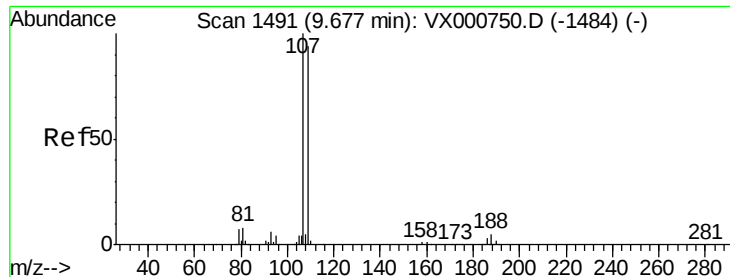
Tot Ion: 43 Resp: 690573
Ion Ratio Lower Upper
43 100
58 53.5 26.5 79.5



#60
Dibromochloromethane
Concen: 50.79 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000913.D
Acq: 16 Apr 2018 12:30

Tgt Ion: 129 Resp: 164398
Ion Ratio Lower Upper
129 100
127 76.3 38.4 115.1





#61

1,2-Dibromoethane

Concen: 52.29 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

Instrument :

MSVOA_X

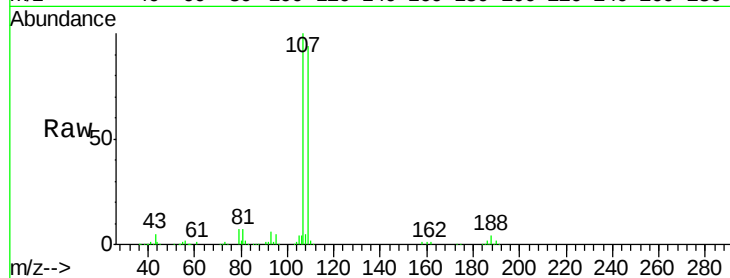
ClientSampleId :

Tot Ion:107 Resp: 150056

Ion Ratio Lower Upper

107 100

109 94.2 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

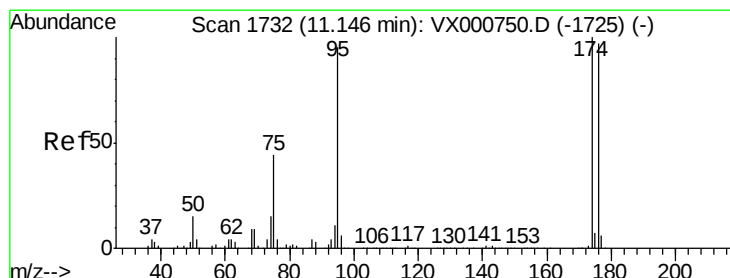
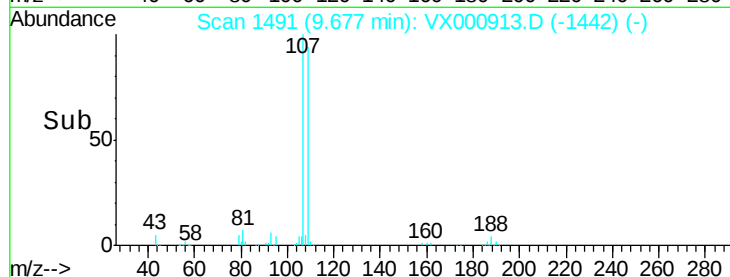
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.93 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

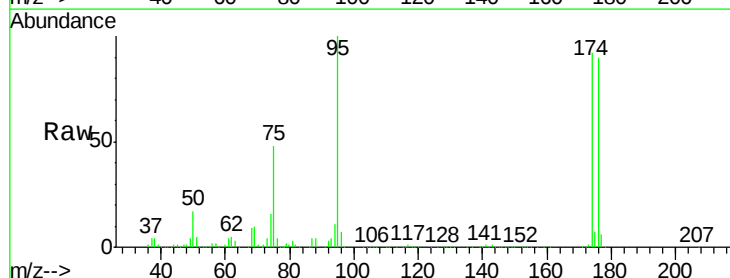
Tgt Ion: 95 Resp: 182965

Ion Ratio Lower Upper

95 100

174 99.3 0.0 198.4

176 97.1 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

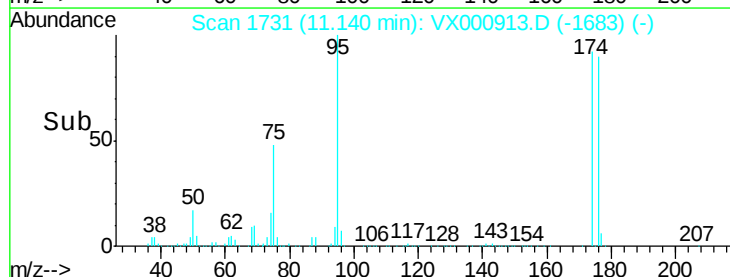
150000

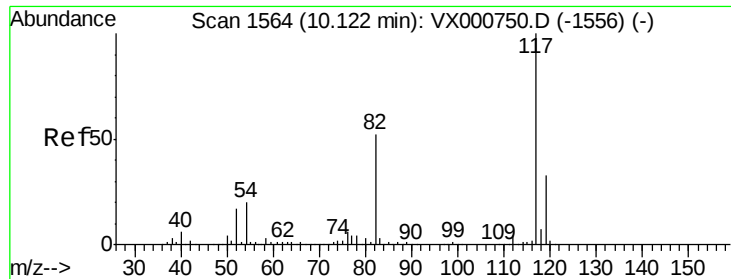
100000

50000

0

Time-->

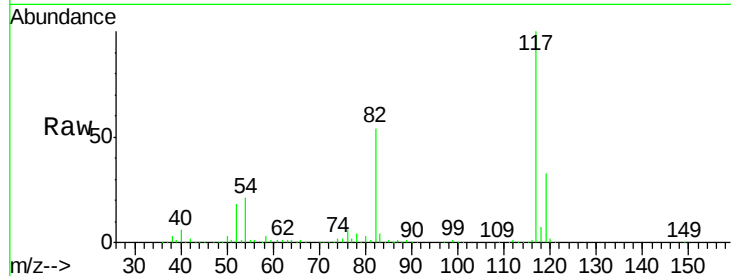




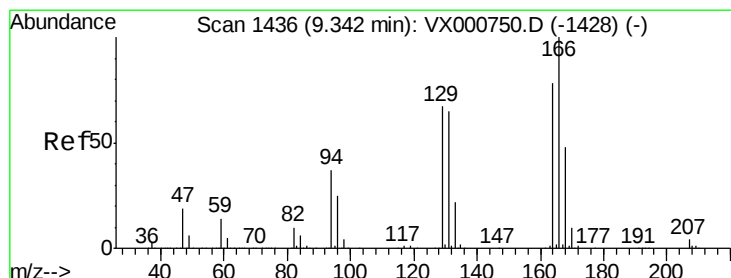
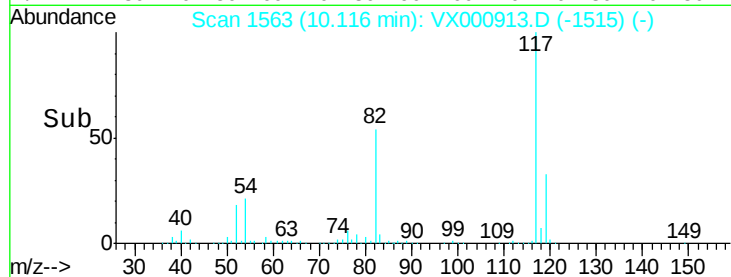
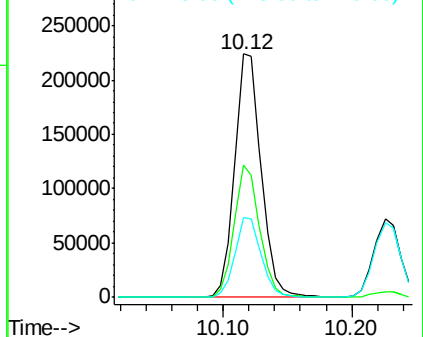
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX000913.D
Acq: 16 Apr 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 321282
Ion Ratio Lower Upper
117 100
82 54.2 41.9 62.9
119 32.5 26.0 39.0

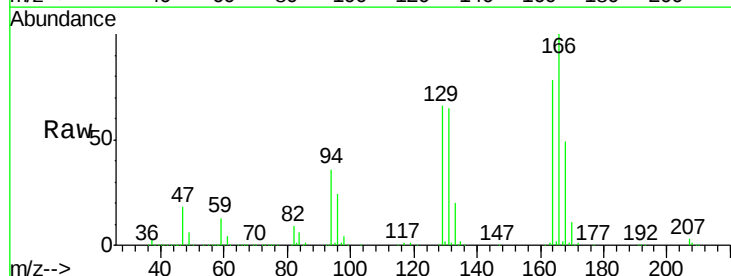


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

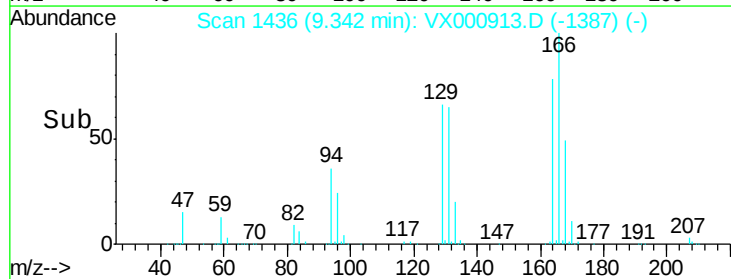
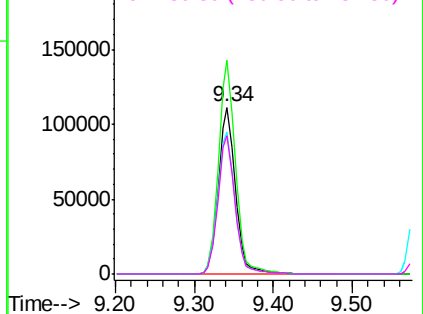


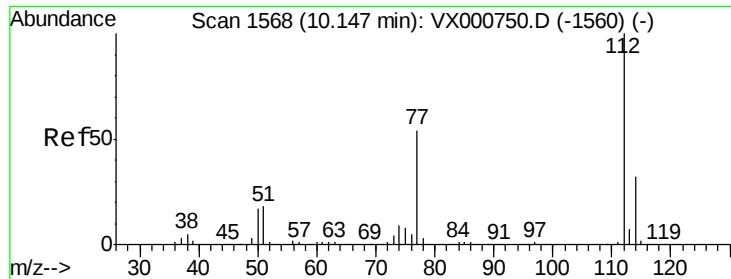
#64
Tetrachloroethene
Concen: 53.71 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000913.D
Acq: 16 Apr 2018 12:30

Tgt Ion:164 Resp: 168722
Ion Ratio Lower Upper
164 100
166 127.9 102.8 154.2
129 85.0 68.5 102.7
131 82.7 66.6 100.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

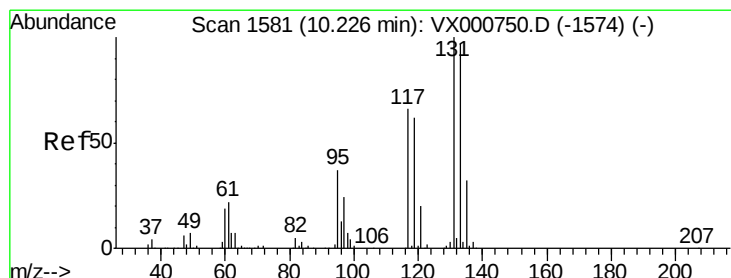
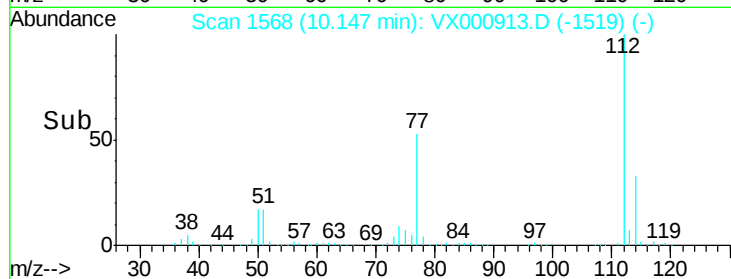
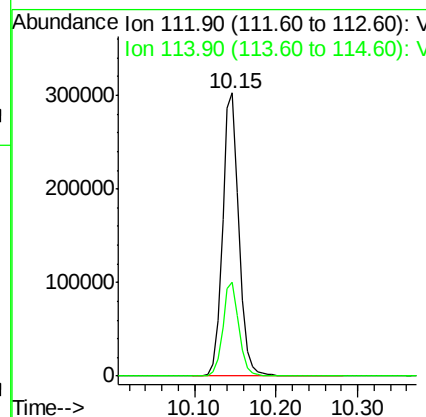
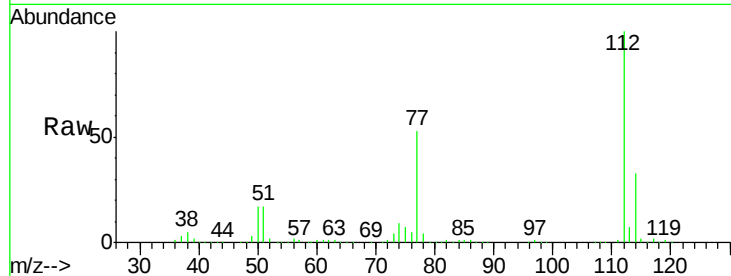




#65
Chlorobenzene
Concen: 52.53 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000913.D
Acq: 16 Apr 2018 12:30

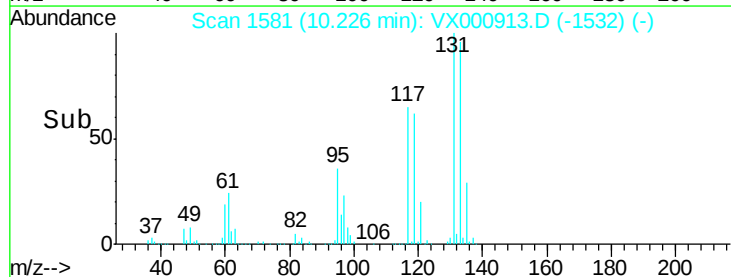
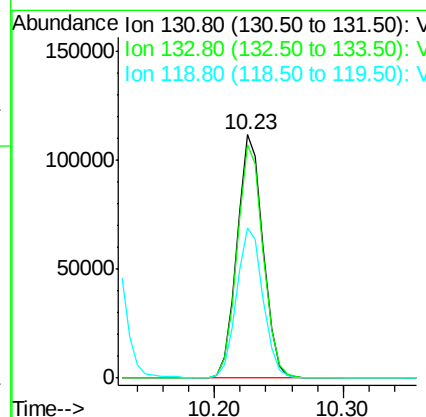
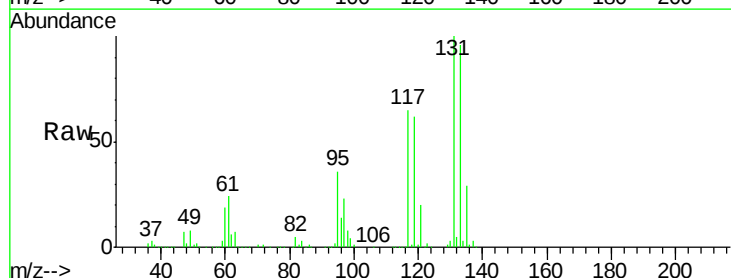
Instrument :
MSVOA_X
ClientSampleId :

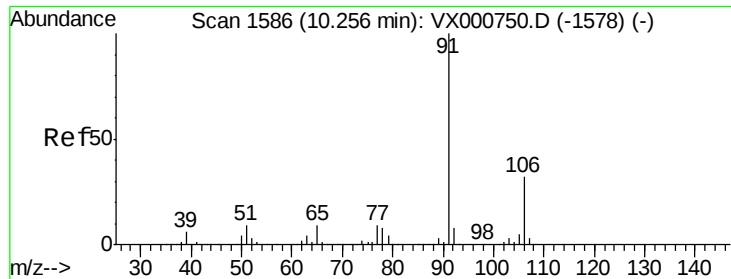
Tot Ion:112 Resp: 424529
Ion Ratio Lower Upper
112 100
114 33.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.61 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX000913.D
Acq: 16 Apr 2018 12:30

Tgt Ion:131 Resp: 156989
Ion Ratio Lower Upper
131 100
133 96.2 48.3 144.9
119 62.7 31.4 94.0

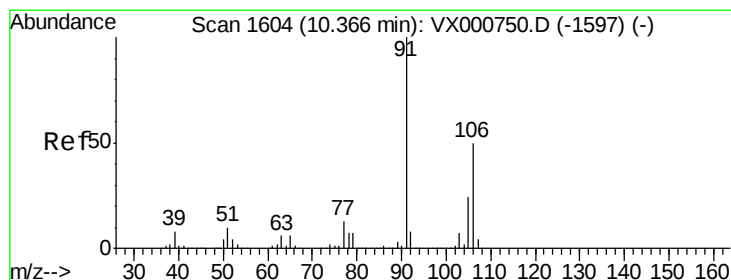
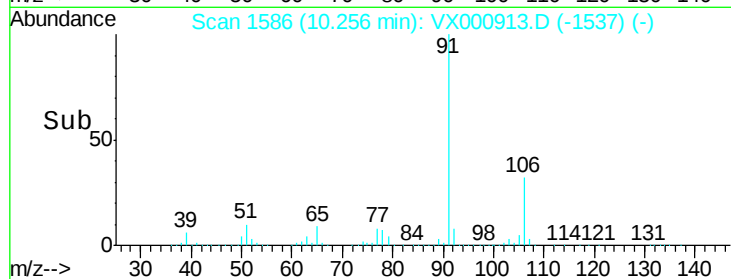
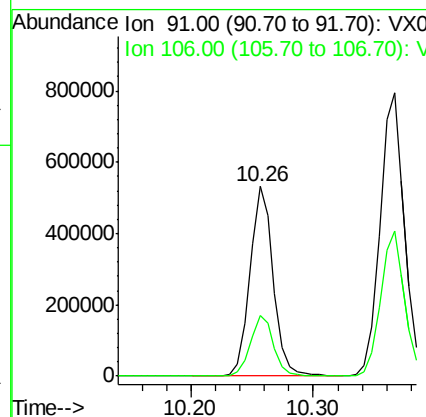
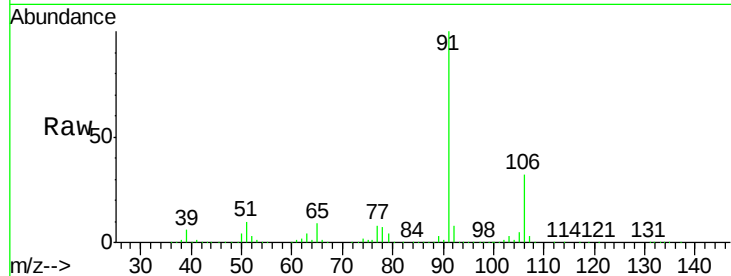




#67
Ethyl Benzene
Concen: 52.25 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX000913.D
Acq: 16 Apr 2018 12:30

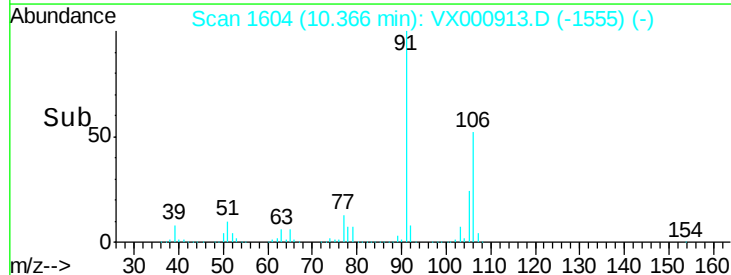
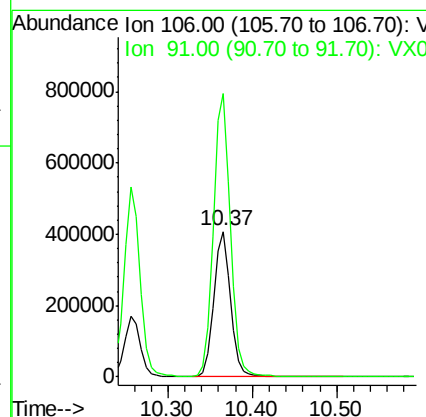
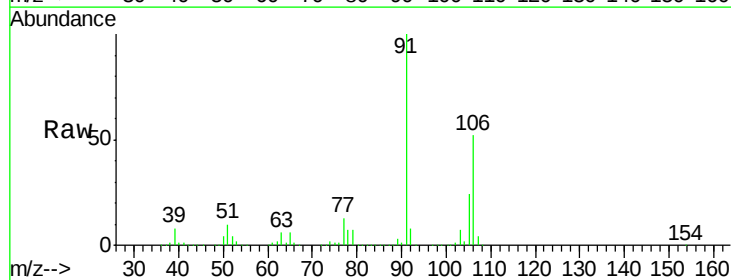
Instrument :
MSVOA_X
ClientSampled :

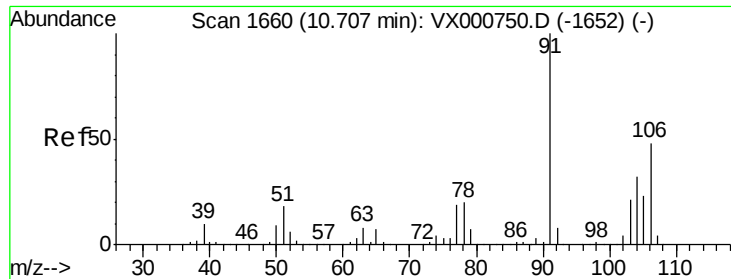
Tot Ion: 91 Resp: 704030
Ion Ratio Lower Upper
91 100
106 32.2 25.4 38.0



#68
m/p-Xylenes
Concen: 105.46 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000913.D
Acq: 16 Apr 2018 12:30

Tgt Ion: 106 Resp: 560893
Ion Ratio Lower Upper
106 100
91 197.9 159.3 238.9

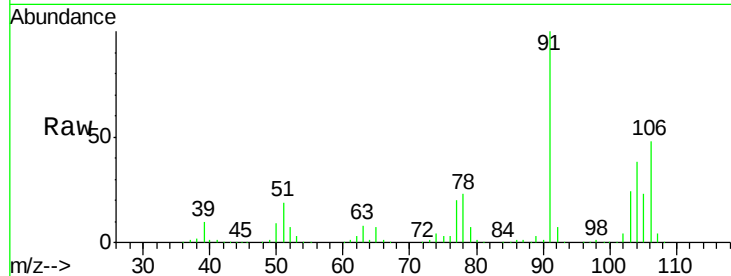




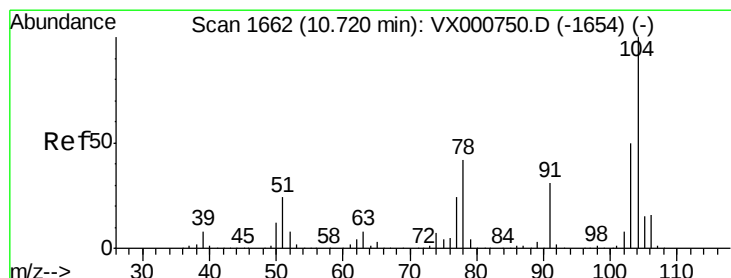
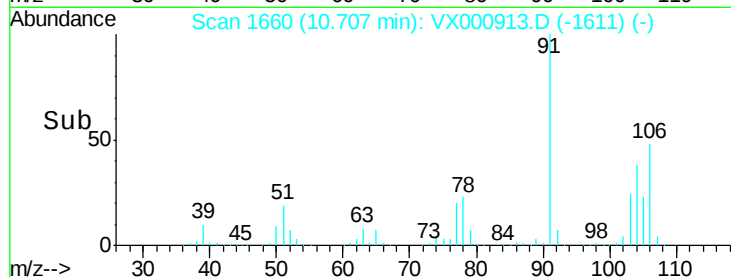
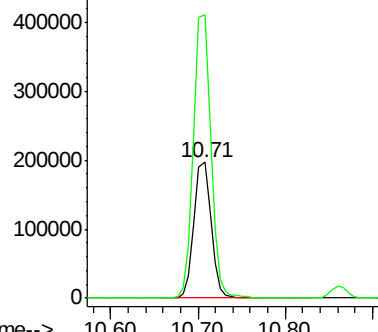
#69
o-Xylene
Concen: 52.68 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000913.D
Acq: 16 Apr 2018 12:30

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 270015
Ion Ratio Lower Upper
106 100
91 210.3 105.0 315.0

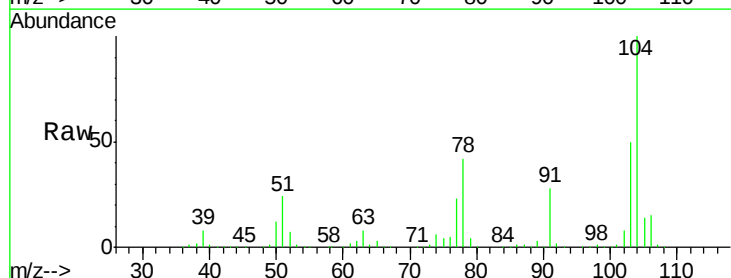


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

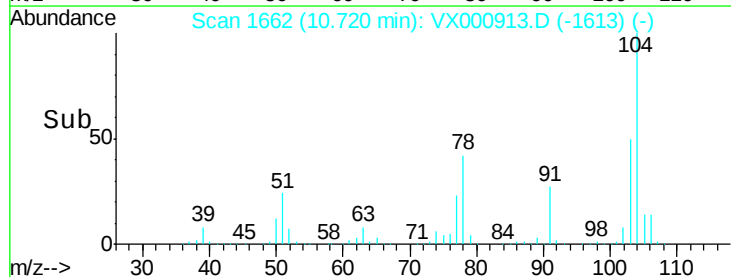
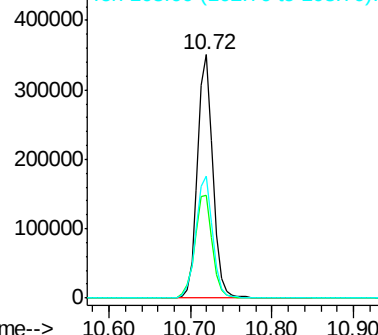


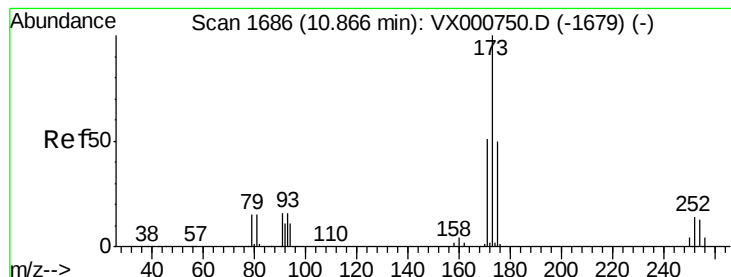
#70
Styrene
Concen: 52.97 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000913.D
Acq: 16 Apr 2018 12:30

Tgt Ion:104 Resp: 457728
Ion Ratio Lower Upper
104 100
78 48.3 39.0 58.6
103 55.1 44.1 66.1



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





#71

Bromoform

Concen: 47.35 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

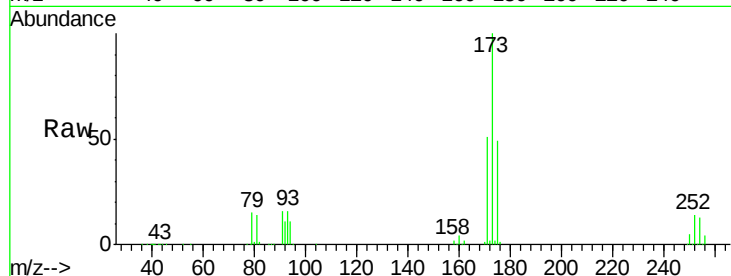
Tot Ion:173 Resp: 133351

Ion Ratio Lower Upper

173 100

175 49.5 24.5 73.5

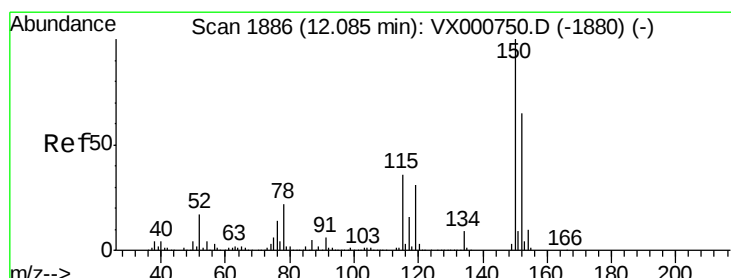
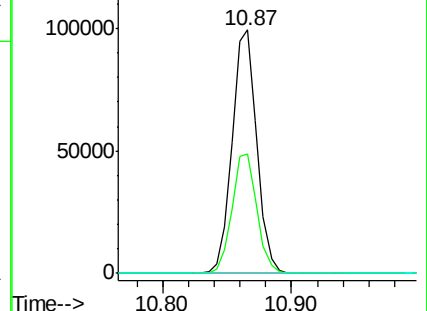
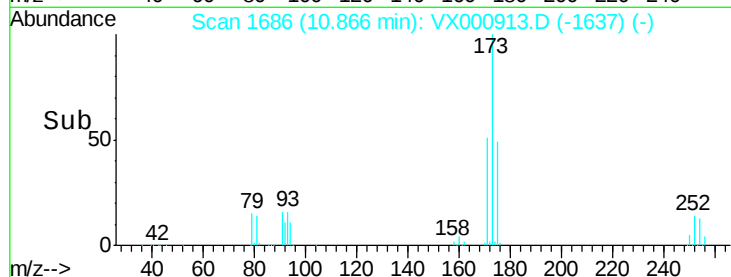
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

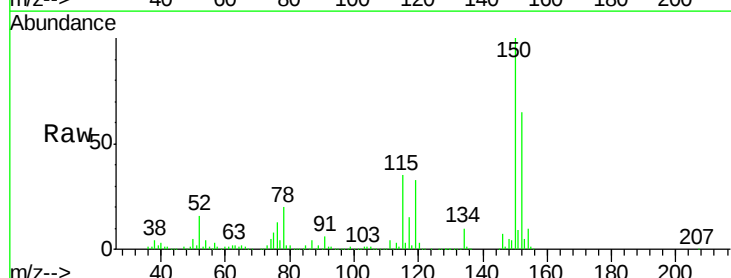
Tgt Ion:152 Resp: 222967

Ion Ratio Lower Upper

152 100

115 75.7 37.9 113.7

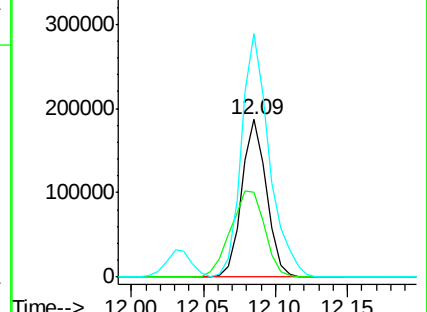
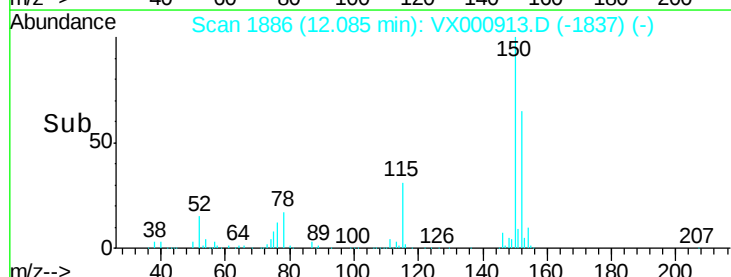
150 174.4 0.0 348.0



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: 52.11 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

Instrument :

MSVOA_X

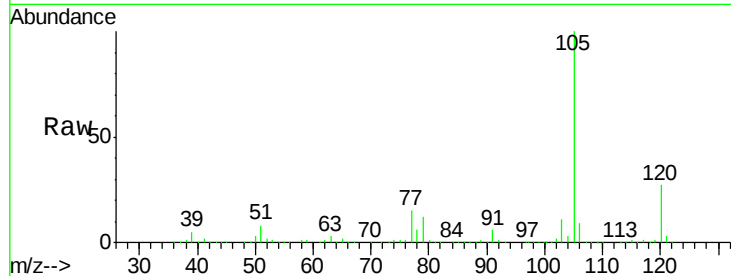
ClientSampleId :

Tot Ion:105 Resp: 737158

Ion Ratio Lower Upper

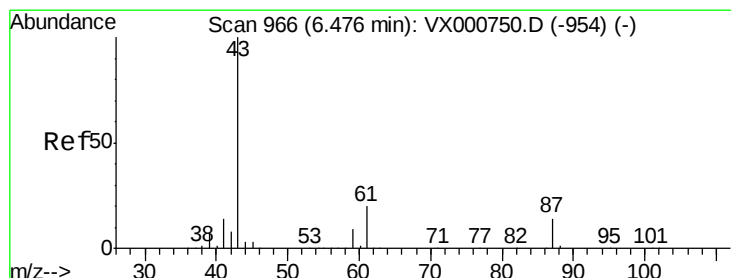
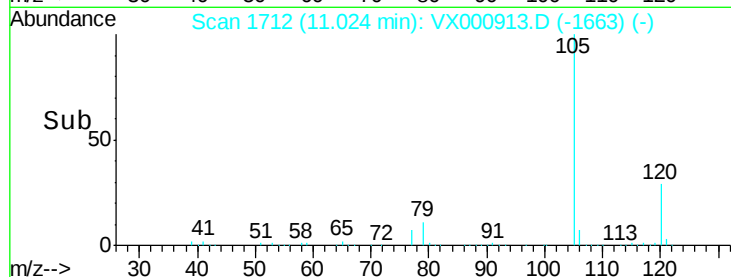
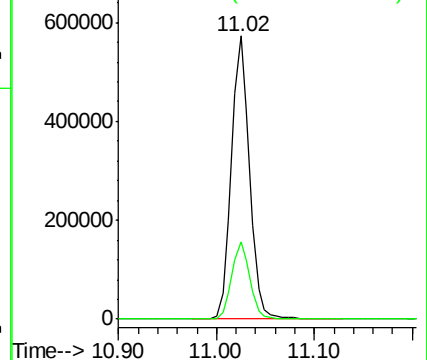
105 100

120 27.4 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.63 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

Tgt Ion: 43 Resp: 303392

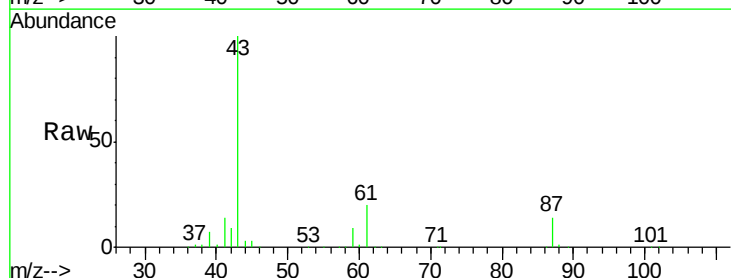
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.4 15.6 23.4

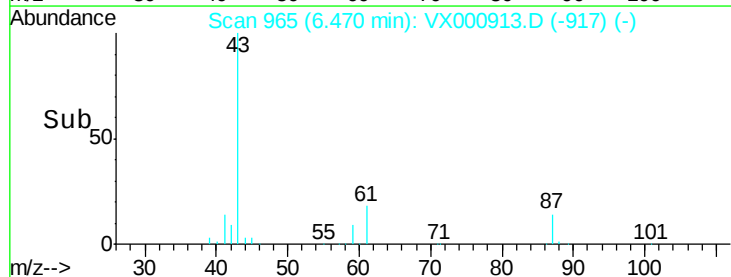
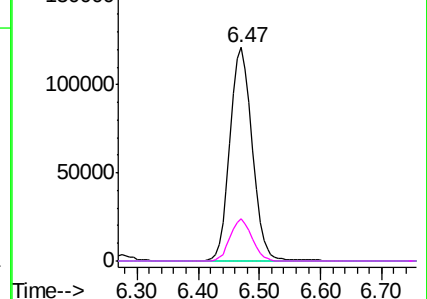


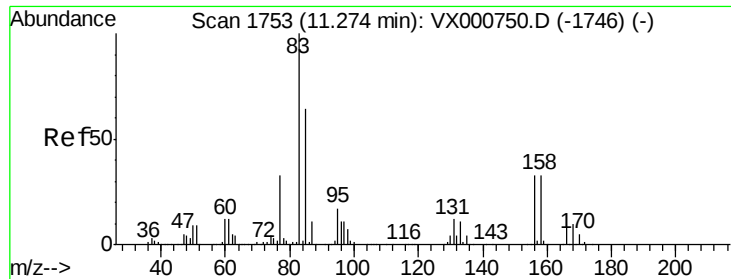
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.75 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

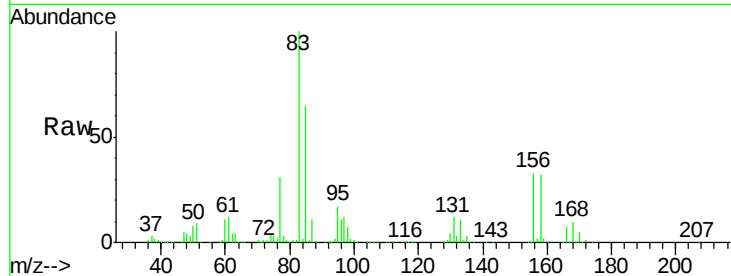
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 83 Resp: 204217

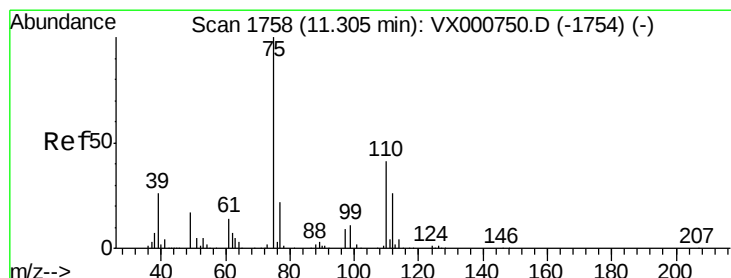
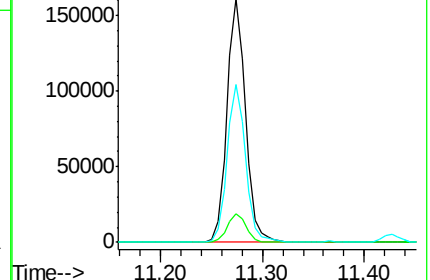
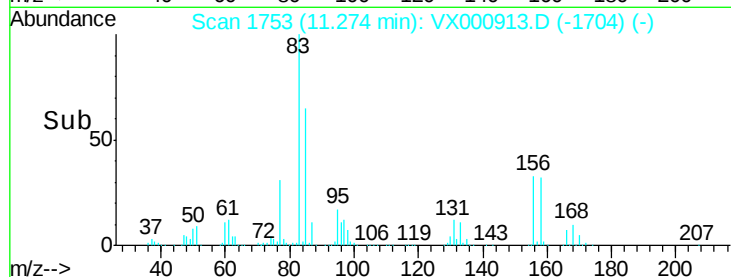
Ion	Ratio	Lower	Upper
83	100		
131	12.0	6.0	18.0
85	65.1	32.3	96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.72 ug/l

RT: 11.30 min Scan# 1758

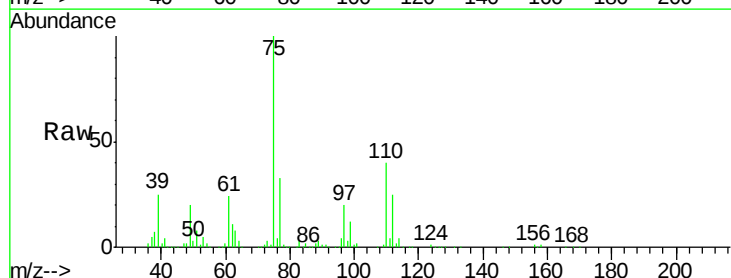
Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

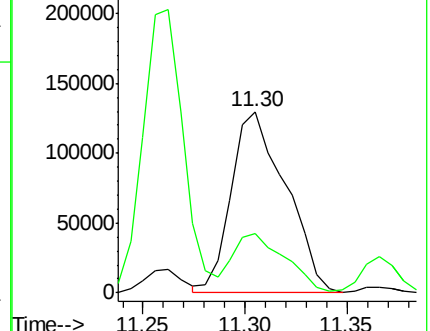
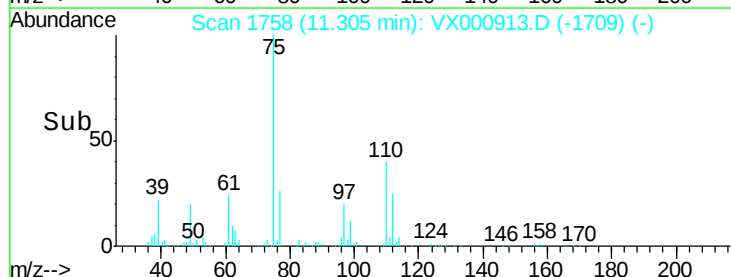
Tgt Ion: 75 Resp: 241163

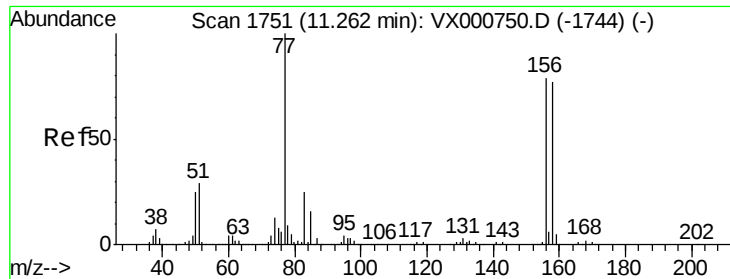
Ion	Ratio	Lower	Upper
75	100		
77	31.3	20.5	61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.15 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

Instrument :

MSVOA_X

ClientSampled :

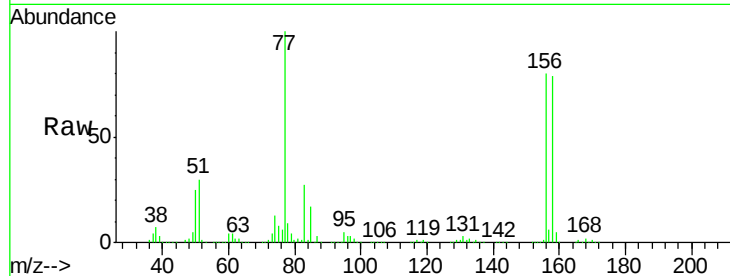
Tot Ion:156 Resp: 212018

Ion Ratio Lower Upper

156 100

77 131.9 66.0 198.2

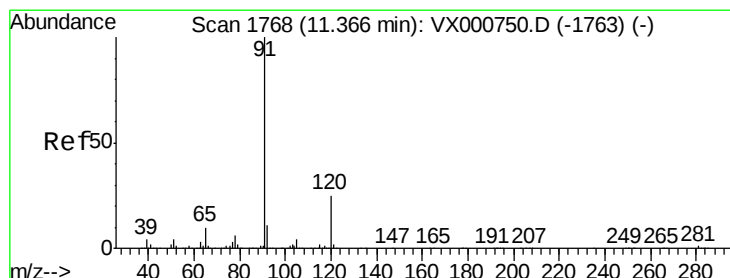
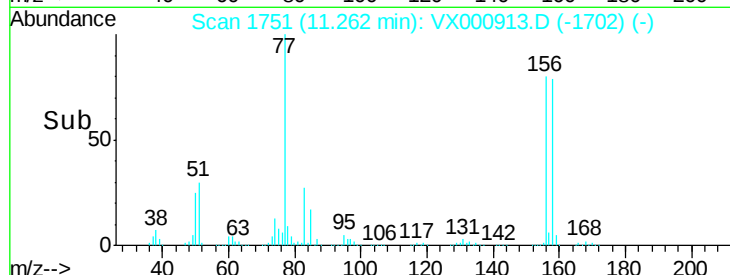
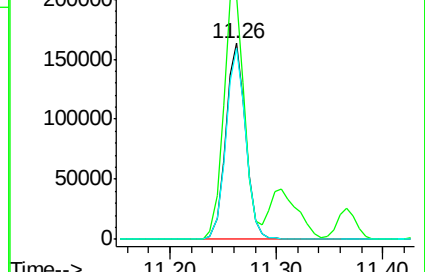
158 97.5 48.8 146.4



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: 52.10 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000913.D

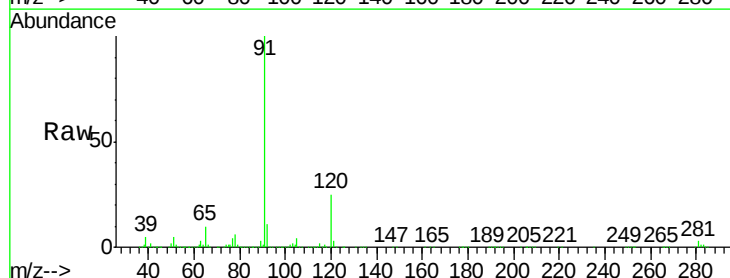
Acq: 16 Apr 2018 12:30

Tgt Ion: 91 Resp: 842911

Ion Ratio Lower Upper

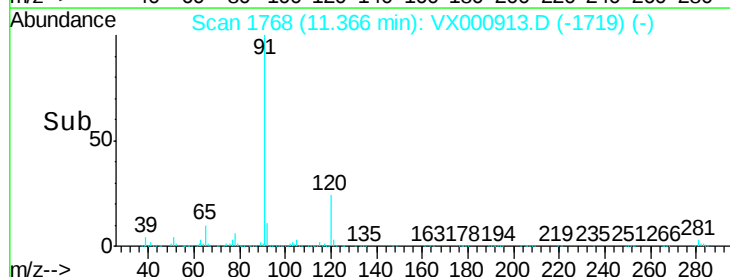
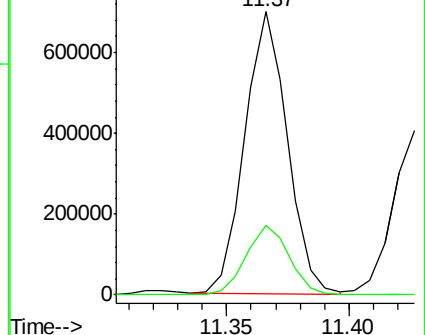
91 100

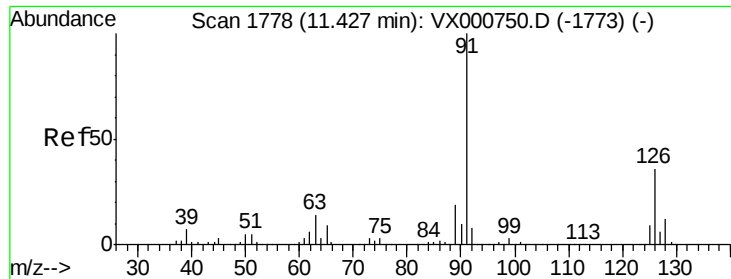
120 25.2 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.96 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

Instrument :

MSVOA_X

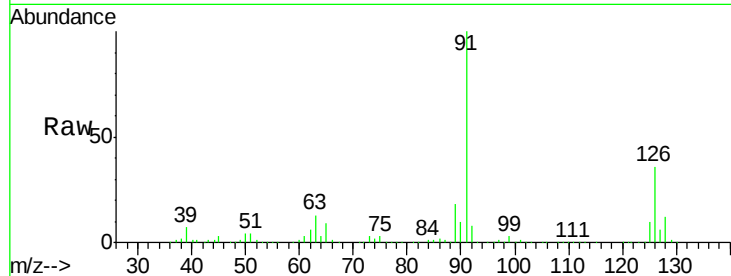
ClientSampled :

Tot Ion: 91 Resp: 496841

Ion Ratio Lower Upper

91 100

126 36.5 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX000913.D (-1729) (-)

Ion 125.90 (125.60 to 126.60): VX000913.D (-1729) (-)

800000

600000

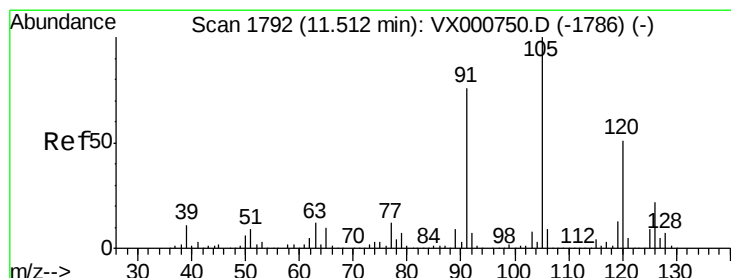
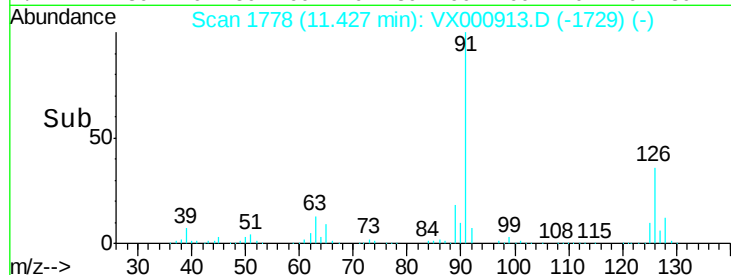
400000

200000

0

11.40 11.43 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.61 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000913.D

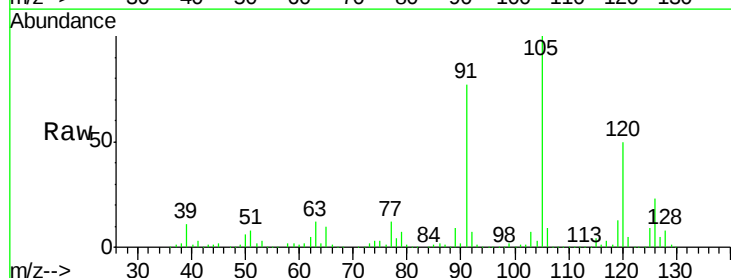
Acq: 16 Apr 2018 12:30

Tgt Ion: 105 Resp: 627867

Ion Ratio Lower Upper

105 100

120 50.2 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX000913.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX000913.D (-1743) (-)

600000

500000

400000

300000

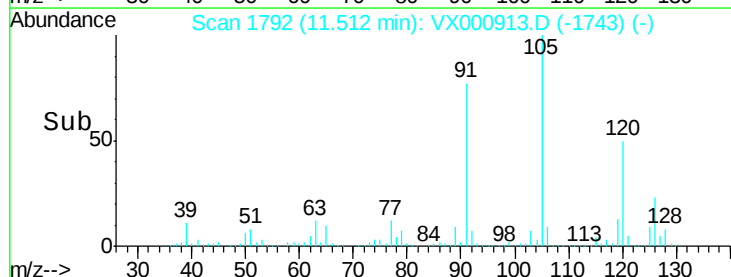
200000

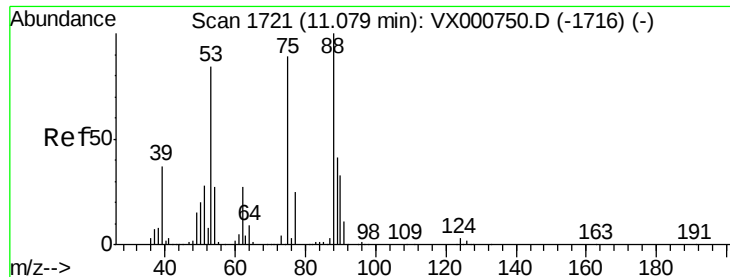
100000

0

11.50 11.51 11.52 11.53 11.54 11.55 11.56 11.57 11.58 11.59 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 45.23 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

Instrument :

MSVOA_X

ClientSampled :

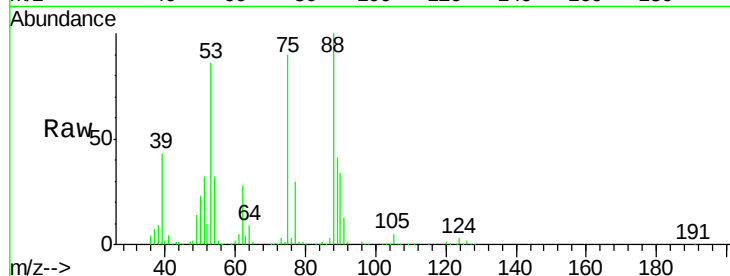
Tot Ion: 75 Resp: 63221

Ion Ratio Lower Upper

75 100

53 96.1 75.4 113.0

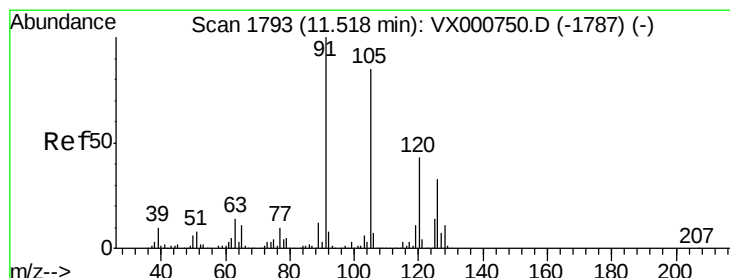
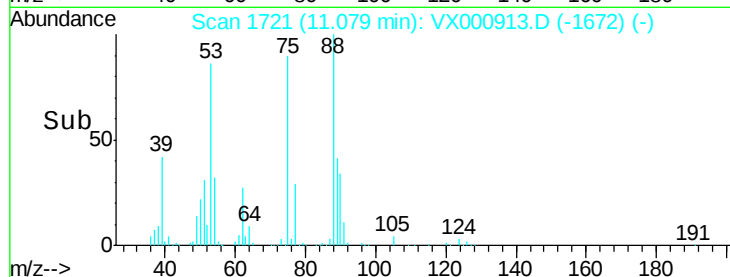
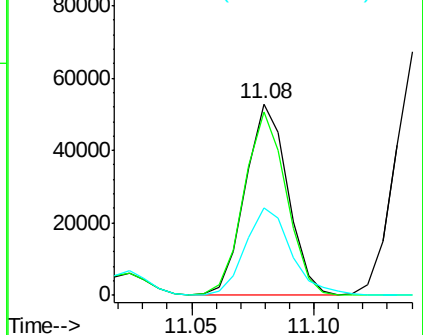
89 50.0 40.9 61.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.29 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000913.D

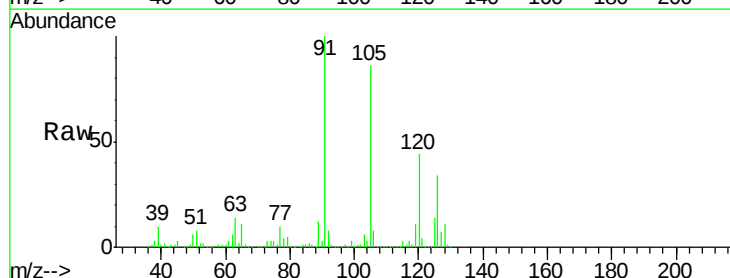
Acq: 16 Apr 2018 12:30

Tgt Ion: 91 Resp: 592028

Ion Ratio Lower Upper

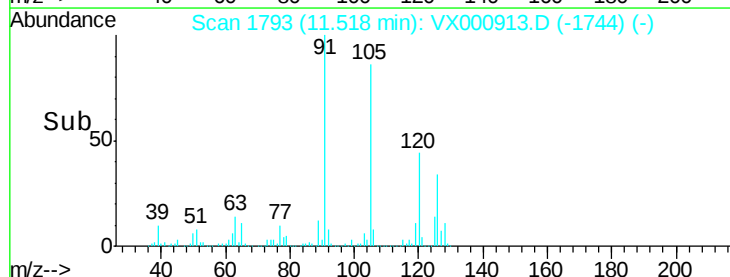
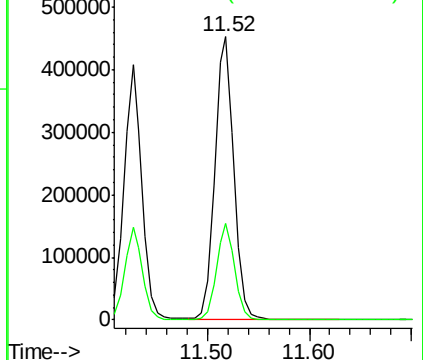
91 100

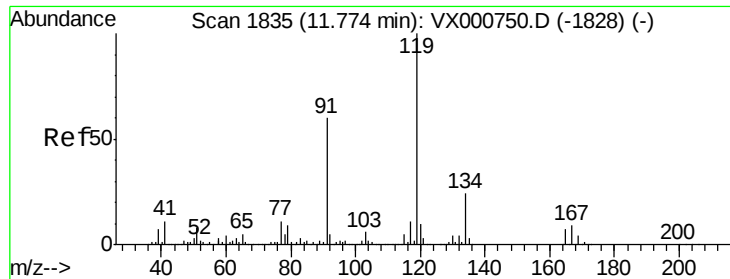
126 32.5 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

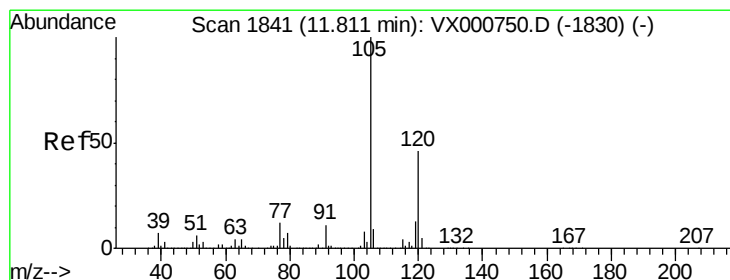
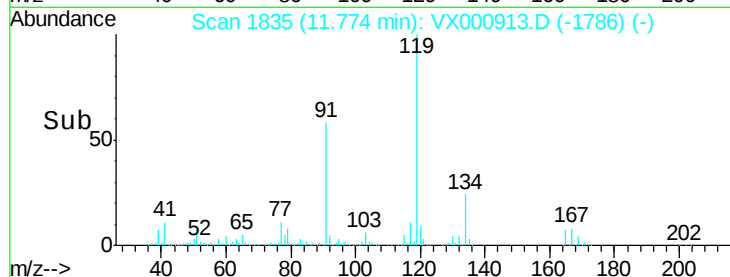
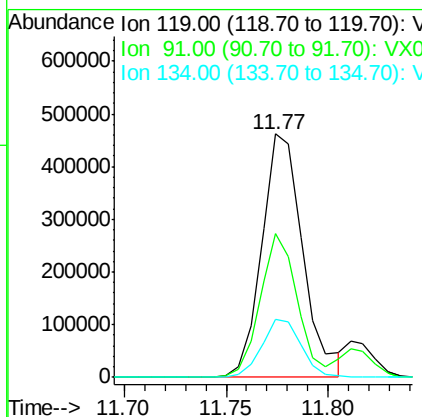
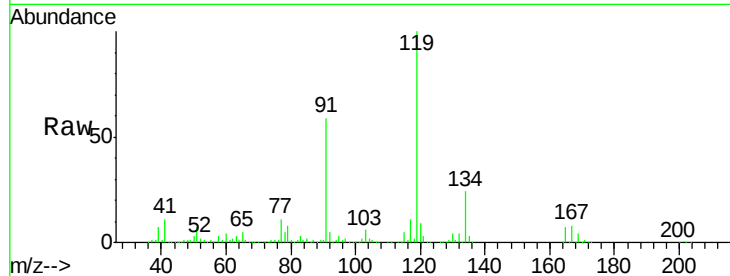




#83
 tert-Butylbenzene
 Concen: 52.09 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX000913.D
 Acq: 16 Apr 2018 12:30

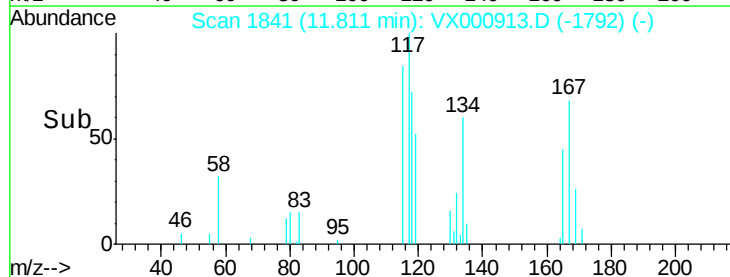
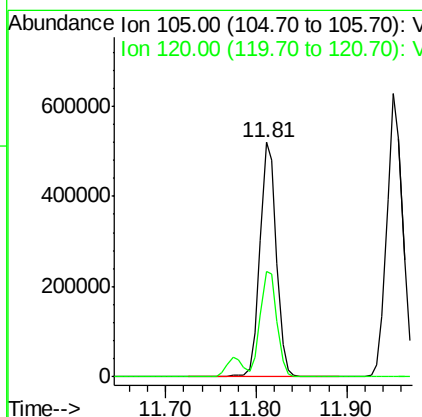
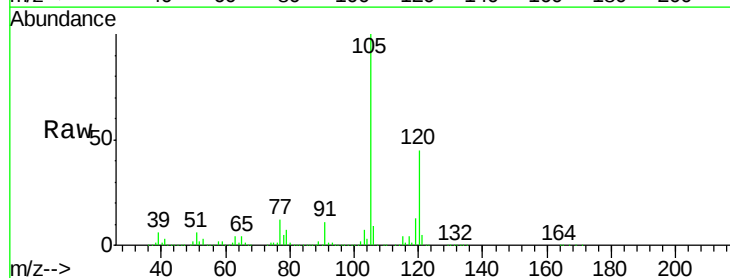
Instrument :
 MSVOA_X
 ClientSampled :

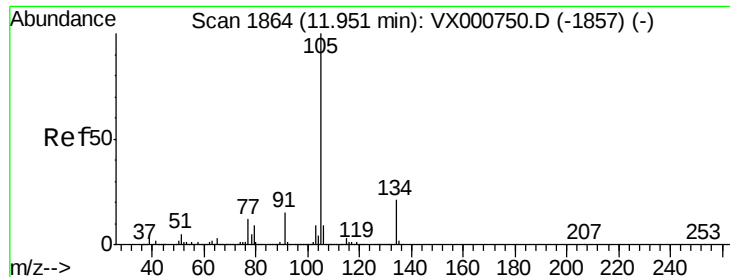
Tot Ion:119 Resp: 648309
 Ion Ratio Lower Upper
 119 100
 91 53.2 26.8 80.3
 134 22.9 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.58 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX000913.D
 Acq: 16 Apr 2018 12:30

Tgt Ion:105 Resp: 647769
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.1 69.3





#85

sec-Butylbenzene

Concen: 51.91 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

Instrument :

MSVOA_X

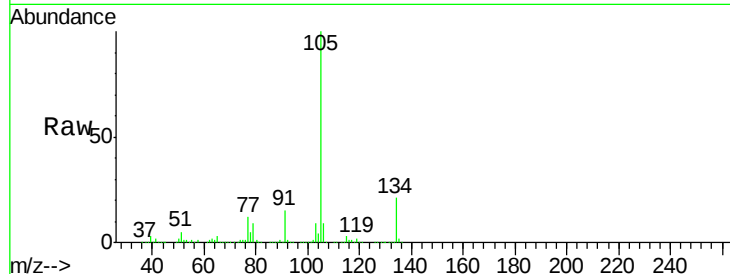
ClientSampleId :

Tot Ion:105 Resp: 762183

Ion Ratio Lower Upper

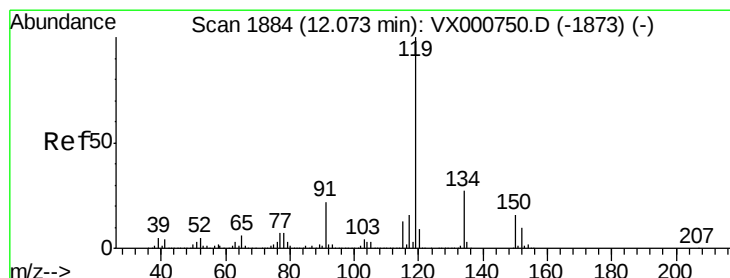
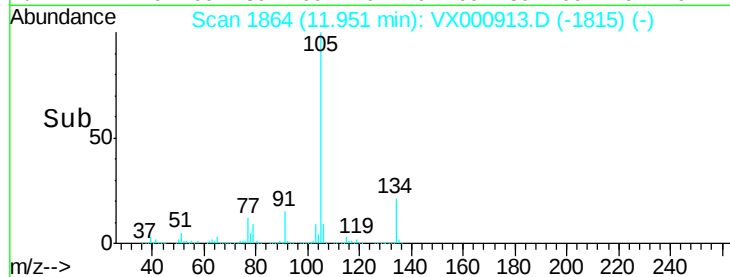
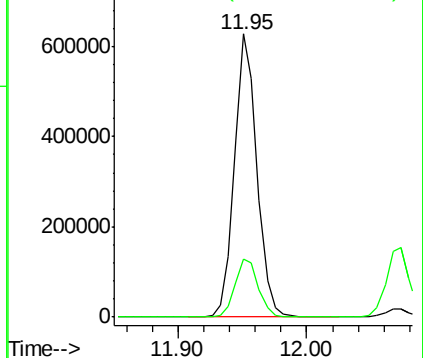
105 100

134 21.4 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.66 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

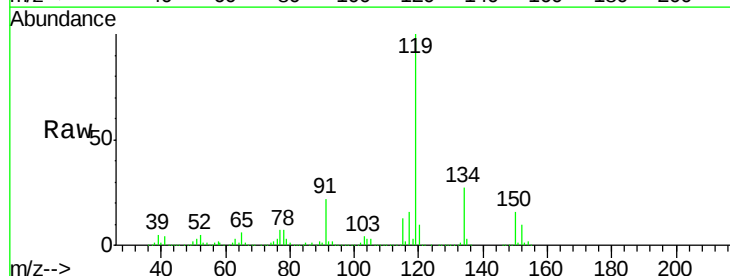
Tgt Ion:119 Resp: 707239

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

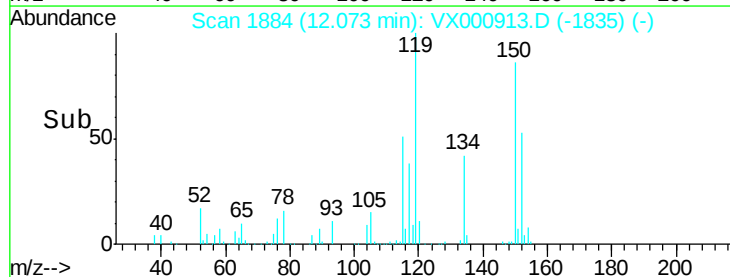
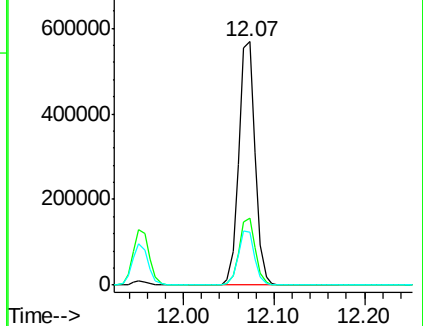
91 22.2 11.2 33.5

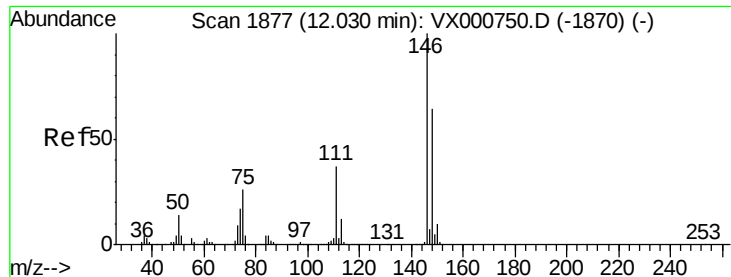


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 52.04 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

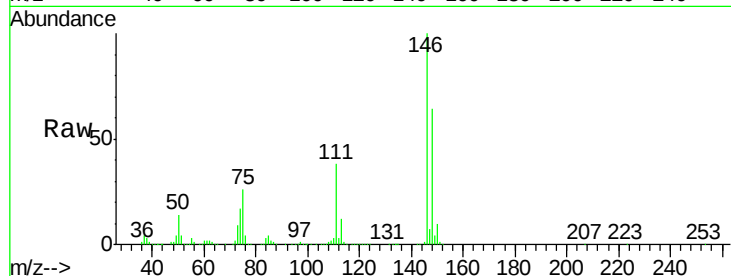
Tot Ion:146 Resp: 399279

Ion Ratio Lower Upper

146 100

111 36.9 18.3 54.8

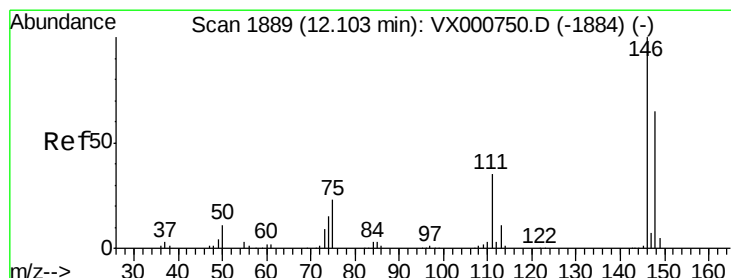
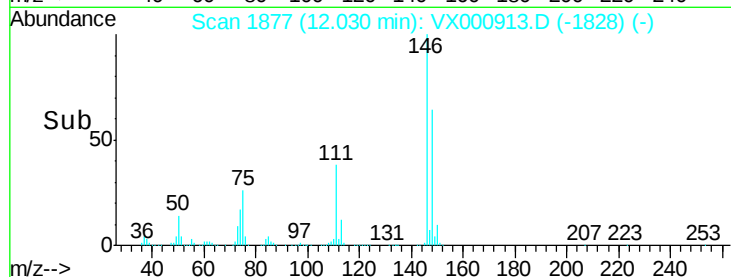
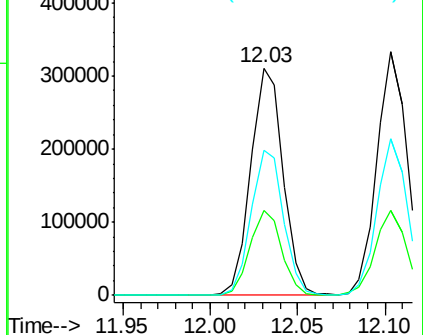
148 64.1 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.44 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

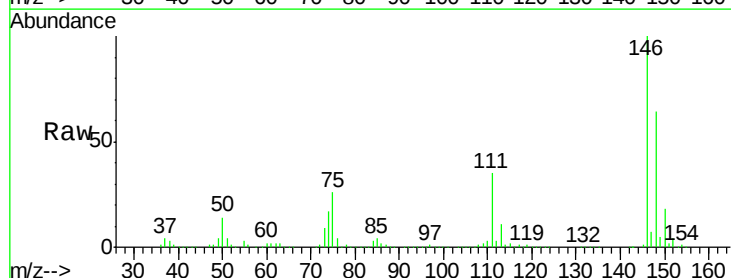
Tgt Ion:146 Resp: 404478

Ion Ratio Lower Upper

146 100

111 35.5 17.9 53.8

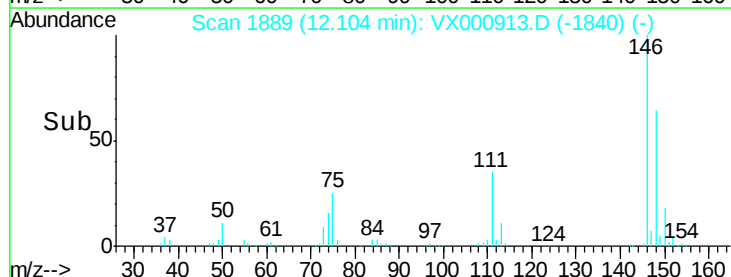
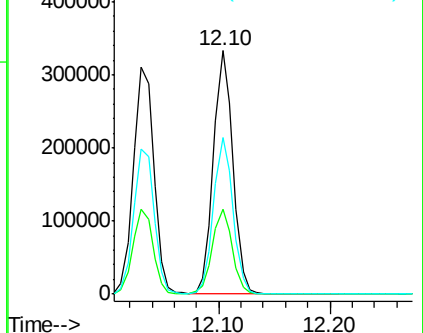
148 64.3 32.6 97.7

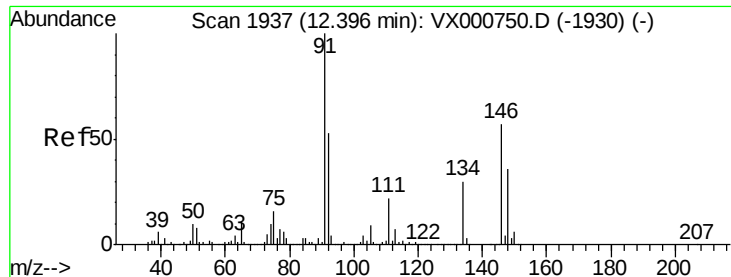


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 52.20 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

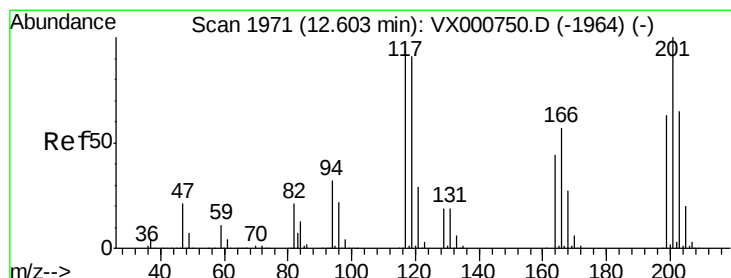
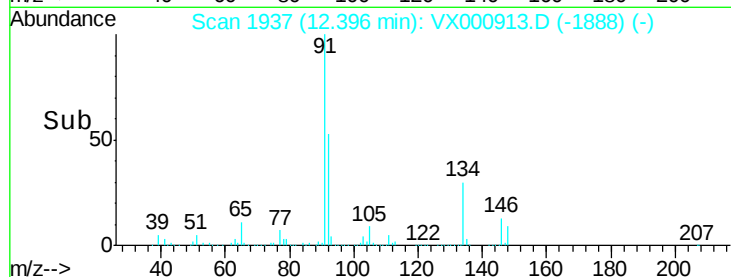
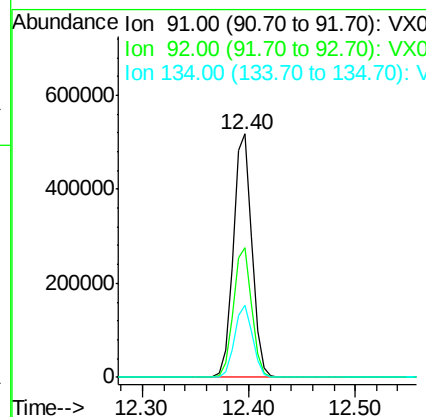
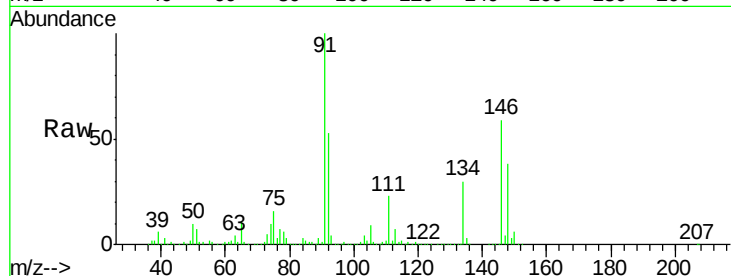
Tot Ion: 91 Resp: 630860

Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.5	79.5
134	29.1	14.5	43.5

91 100

92 52.8 26.5 79.5

134 29.1 14.5 43.5



#90

Hexachloroethane

Concen: 46.99 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000913.D

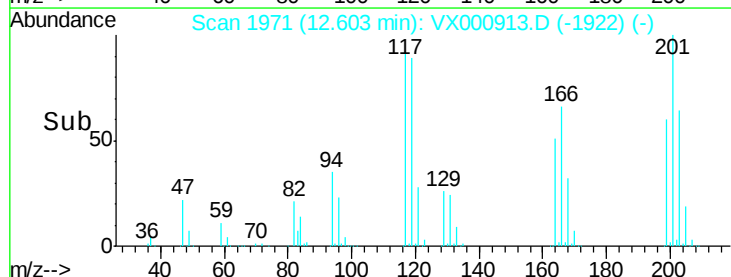
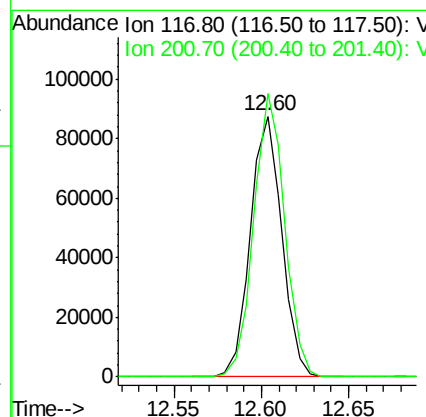
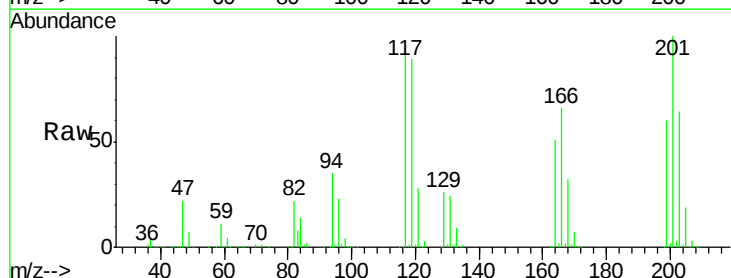
Acq: 16 Apr 2018 12:30

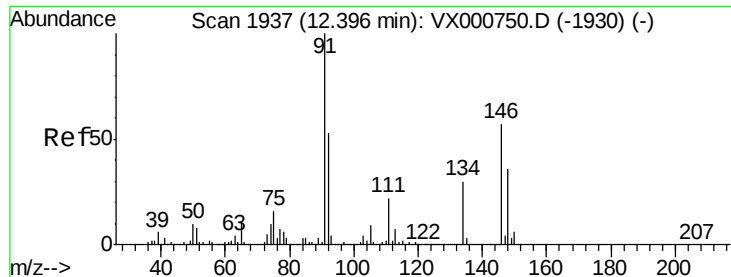
Tgt Ion: 117 Resp: 108869

Ion	Ratio	Lower	Upper
117	100		
201	107.1	52.9	158.7

117 100

201 107.1 52.9 158.7

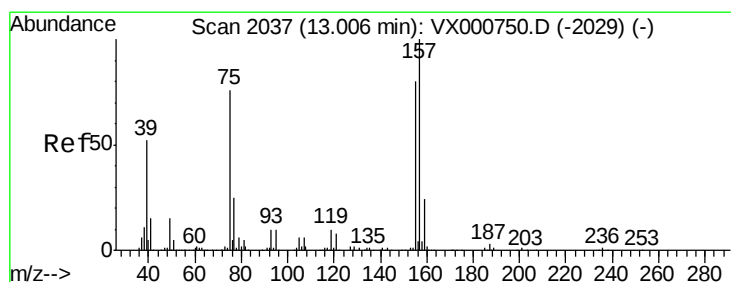
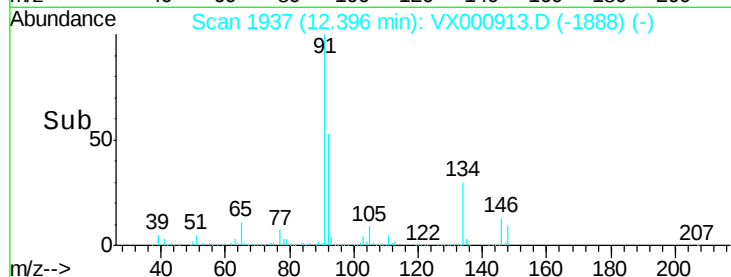
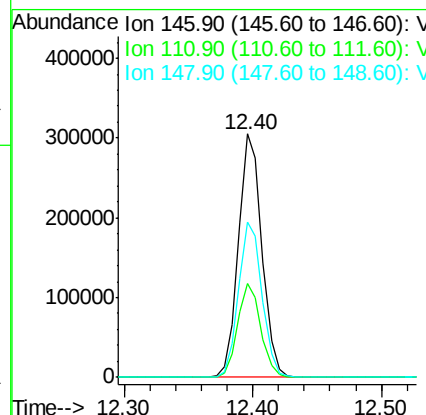
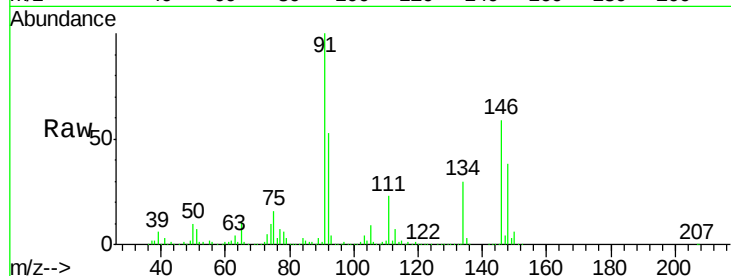




#91
 1,2-Dichlorobenzene
 Concen: 52.31 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX000913.D
 Acq: 16 Apr 2018 12:30

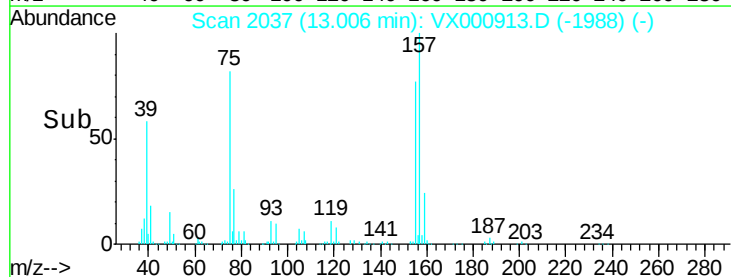
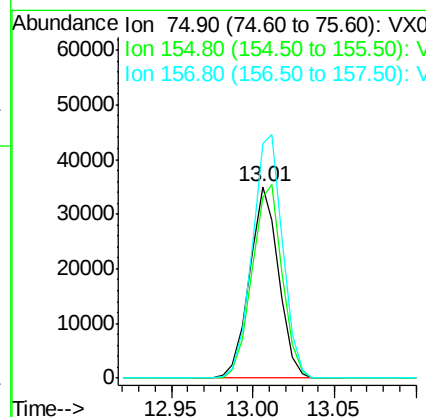
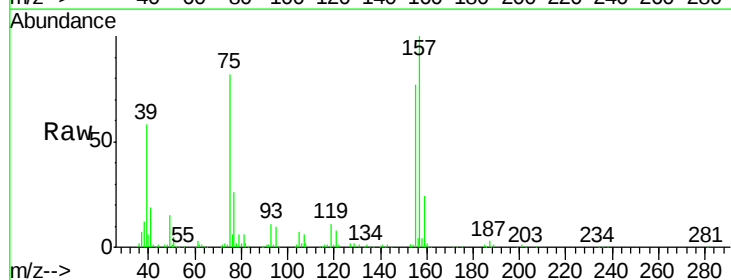
Instrument :
 MSVOA_X
 ClientSampleId :

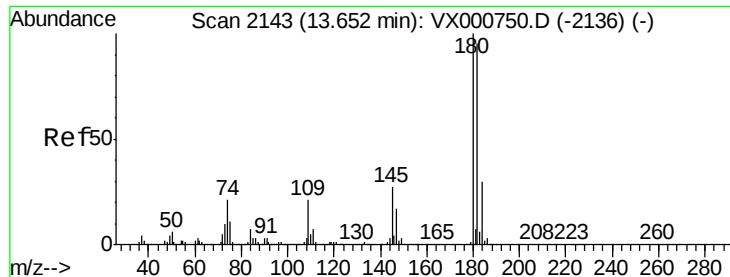
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.7
148	64.1	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.22 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX000913.D
 Acq: 16 Apr 2018 12:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.8	51.9	155.8
157	132.8	66.6	199.8





#93

1,2,4-Trichlorobenzene

Concen: 51.97 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

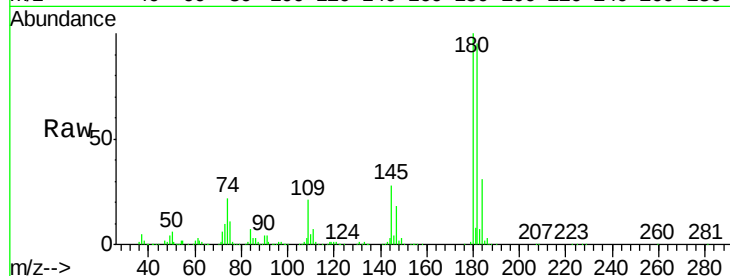
Tot Ion:180 Resp: 328463

Ion Ratio Lower Upper

180 100

182 95.6 47.5 142.5

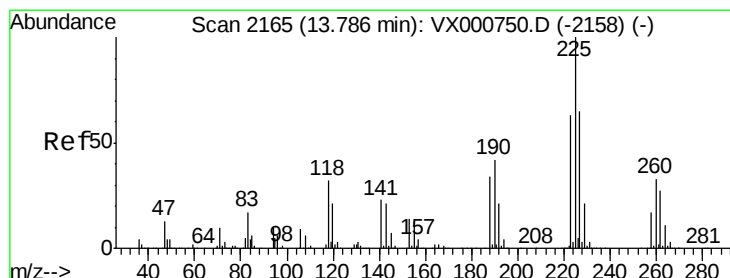
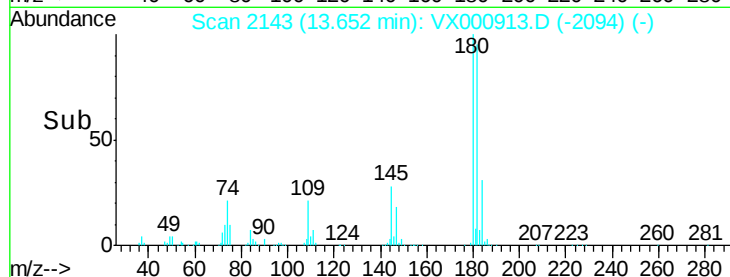
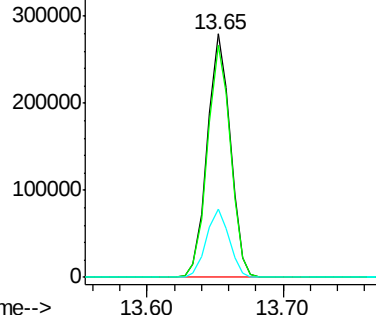
145 27.8 13.8 41.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 46.65 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

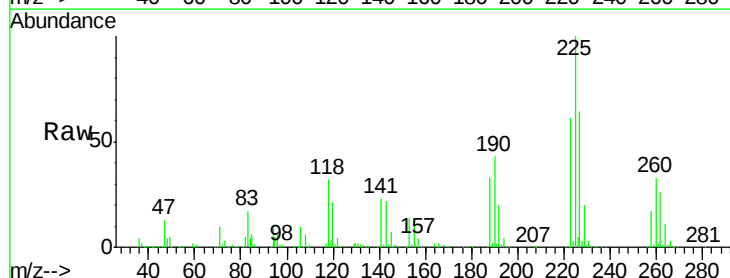
Tgt Ion:225 Resp: 144993

Ion Ratio Lower Upper

225 100

223 62.0 31.2 93.6

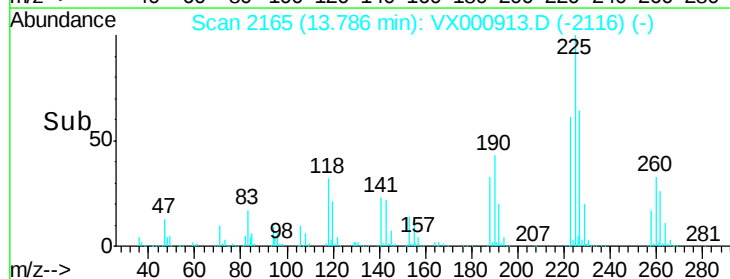
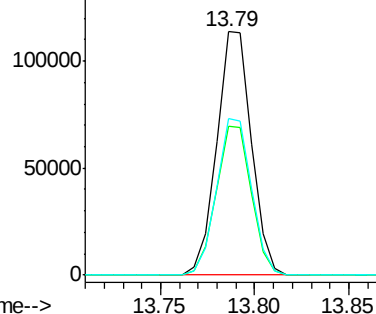
227 64.8 32.3 96.9

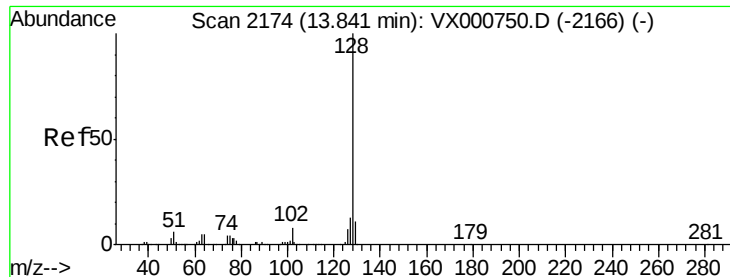


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 49.42 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

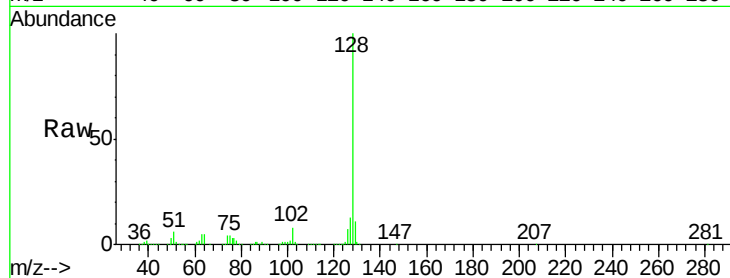
Tot Ion:128 Resp: 801760

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

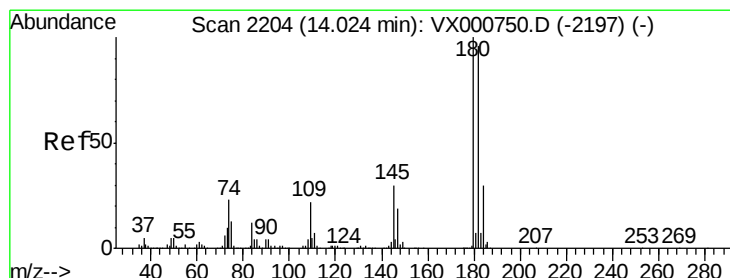
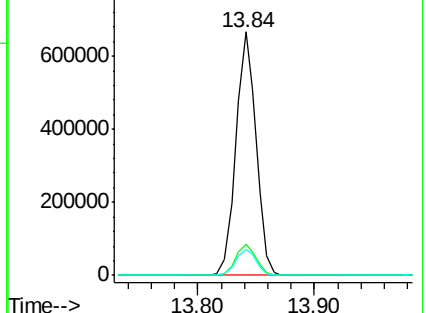
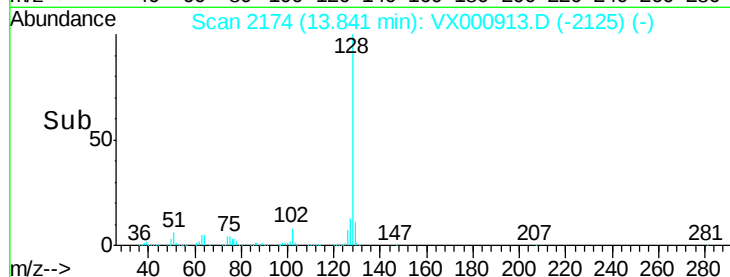
129 10.9 8.7 13.1



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: 51.44 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX000913.D

Acq: 16 Apr 2018 12:30

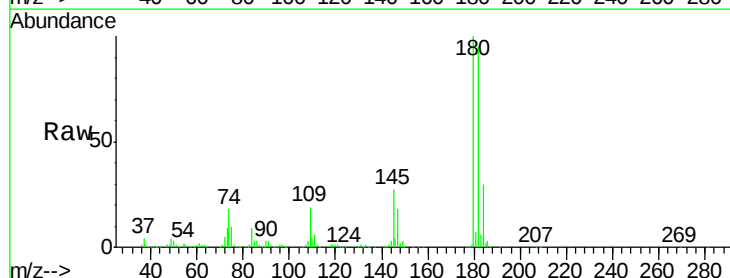
Tgt Ion:180 Resp: 315818

Ion Ratio Lower Upper

180 100

182 95.5 48.4 145.2

145 28.8 14.6 43.8



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

