

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033018\
 Data File : VX000572.D
 Acq On : 30 Mar 2018 20:30
 Operator : JC/MD
 Sample : VX0330WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBSD01

Quant Time: Mar 31 05:03:30 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	164550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	278902	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177461	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	110998	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
35) Dibromofluoromethane	5.51	113	85572	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
50) Toluene-d8	8.73	98	364194	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
62) 4-Bromofluorobenzene	11.15	95	141627	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	28319	15.62	ug/l	95
3) Chloromethane	1.32	50	30412	15.92	ug/l	97
4) Vinyl Chloride	1.41	62	42777	21.19	ug/l	95
5) Bromomethane	1.64	94	39490	16.37	ug/l	94
6) Chloroethane	1.73	64	30361	26.56	ug/l	93
7) Trichlorofluoromethane	1.93	101	84306	23.14	ug/l	99
8) Diethyl Ether	2.20	74	31412	24.12	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47023	23.14	ug/l	94
10) Methyl Iodide	2.52	142	65415	33.99	ug/l	97
11) Tert butyl alcohol	3.08	59	92713	125.48	ug/l	98
12) 1,1-Dichloroethene	2.38	96	45023	25.24	ug/l	88
13) Acrolein	2.30	56	55369	235.60	ug/l	97
14) Allyl chloride	2.73	41	70488	22.32	ug/l	97
15) Acrylonitrile	3.16	53	173439	115.90	ug/l	99
16) Acetone	2.45	43	192263	107.60	ug/l	97
17) Carbon Disulfide	2.57	76	108733	22.93	ug/l	97
18) Methyl Acetate	2.79	43	84923	22.67	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	155027	23.50	ug/l	96
20) Methylene Chloride	2.86	84	51714	25.06	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	47732	23.99	ug/l	98
22) Diisopropyl ether	3.88	45	93881	16.84	ug/l	94
23) Vinyl Acetate	3.84	43	441742	83.57	ug/l	100
24) 1,1-Dichloroethane	3.70	63	50455	14.39	ug/l	98
25) 2-Butanone	4.72	43	195149	97.17	ug/l	99
26) 2,2-Dichloropropane	4.59	77	44799	18.23	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	35678	19.19	ug/l	98
28) Bromochloromethane	5.03	49	28286	19.57	ug/l	99
29) Tetrahydrofuran	5.18	42	122148	98.85	ug/l	100
30) Chloroform	5.23	83	63122	19.21	ug/l	100
31) Cyclohexane	5.58	56	51244	18.91	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	55758	18.81	ug/l	98
36) 1,1-Dichloropropene	5.81	75	47766	18.28	ug/l	99
37) Ethyl Acetate	4.88	43	65410	18.33	ug/l	99
38) Carbon Tetrachloride	5.79	117	46470	16.96	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	55881	17.59	ug/l	94
40) Benzene	6.15	78	139263	18.36	ug/l	98
41) Methacrylonitrile	5.08	41	33793	17.96	ug/l	97
42) 1,2-Dichloroethane	6.21	62	55611	18.68	ug/l	99
43) Isopropyl Acetate	6.48	43	97179	18.29	ug/l	98
44) Trichloroethene	7.22	130	40659	18.71	ug/l	96
45) 1,2-Dichloropropane	7.52	63	36536	18.81	ug/l	100
46) Dibromomethane	7.67	93	28202	18.50	ug/l	98
47) Bromodichloromethane	7.91	83	50317	18.76	ug/l	99
48) Methyl methacrylate	7.79	41	48826	18.93	ug/l	98
49) 1,4-Dioxane	7.77	88	22836	421.26	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	381614	92.81	ug/l	100
52) Toluene	8.79	92	102221	19.27	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	59181	19.04	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	56145	18.62	ug/l	95
55) 1,1,2-Trichloroethane	9.23	97	40765	18.69	ug/l	95
56) Ethyl methacrylate	9.19	69	63122	19.10	ug/l	96
57) 1,3-Dichloropropane	9.38	76	68568	19.65	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.32	63	158566	99.96	ug/l	98
59) 2-Hexanone	9.51	43	331473	94.94	ug/l	100
60) Dibromochloromethane	9.59	129	42006	19.05	ug/l	100
61) 1,2-Dibromoethane	9.68	107	47046	20.11	ug/l	96
64) Tetrachloroethene	9.34	164	42229	18.20	ug/l	98
65) Chlorobenzene	10.15	112	120284	18.08	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	40749	18.04	ug/l	98
67) Ethyl Benzene	10.26	91	204495	18.13	ug/l	99
68) m/p-Xylenes	10.37	106	160804	36.24	ug/l	99
69) o-Xylene	10.71	106	76870	17.89	ug/l	98
70) Styrene	10.72	104	129878	18.27	ug/l	98
71) Bromoform	10.87	173	32183	17.14	ug/l #	95
73) Isopropylbenzene	11.02	105	212786	18.10	ug/l	100
74) N-amyl acetate	6.48	43	97179	16.77	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	75351	18.12	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	83628	21.93	ug/l	85
77) Bromobenzene	11.26	156	54025	17.25	ug/l	97
78) n-propylbenzene	11.37	91	249071	17.77	ug/l	100
79) 2-Chlorotoluene	11.43	91	143424	17.71	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	179224	18.13	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	18943	16.08	ug/l	95
82) 4-Chlorotoluene	11.52	91	174165	18.01	ug/l	98
83) tert-Butylbenzene	11.78	119	180408	18.09	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	187835	18.12	ug/l	100
85) sec-Butylbenzene	11.95	105	220522	17.87	ug/l	100
86) p-Isopropyltoluene	12.07	119	201780	18.42	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	106591	18.00	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	111930	18.00	ug/l	97
89) n-Butylbenzene	12.40	91	185272	18.16	ug/l	100
90) Hexachloroethane	12.60	117	24346	14.12	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	108087	18.62	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20327	17.53	ug/l	97

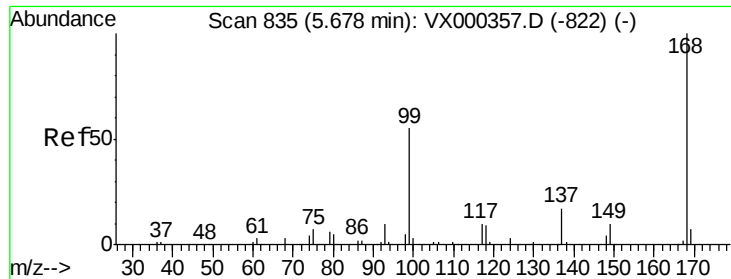
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	76230	18.31	ug/l	99
94) Hexachlorobutadiene	13.79	225	28819	16.72	ug/l	96
95) Naphthalene	13.84	128	274868	18.96	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	76214	18.53	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

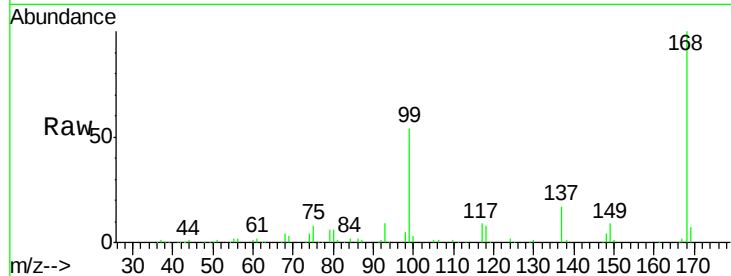
VX0330WBSD01

Tgt Ion:168 Resp: 164550

Ion Ratio Lower Upper

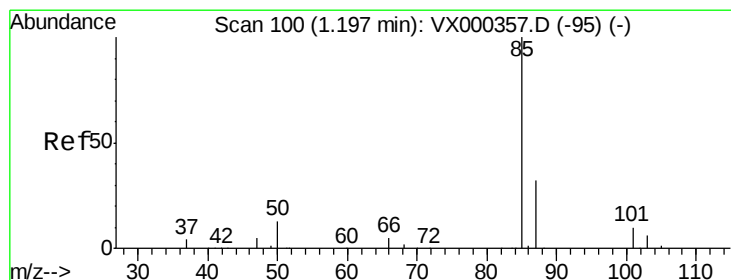
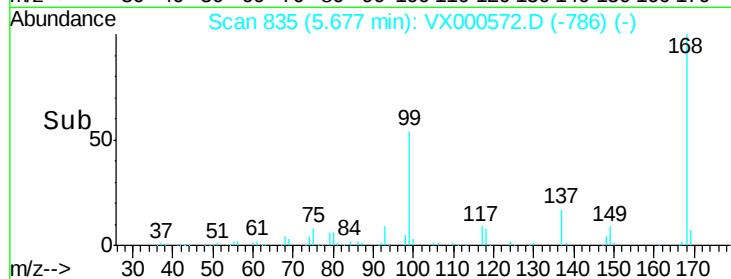
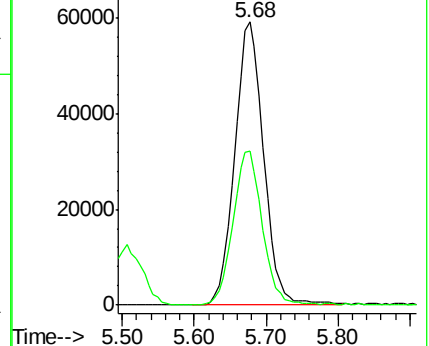
168 100

99 54.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.62 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000572.D

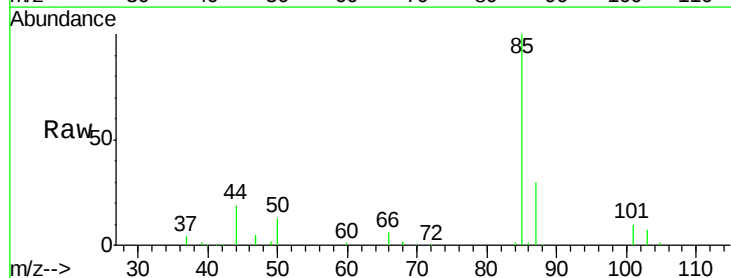
Acq: 30 Mar 2018 20:30

Tgt Ion: 85 Resp: 28319

Ion Ratio Lower Upper

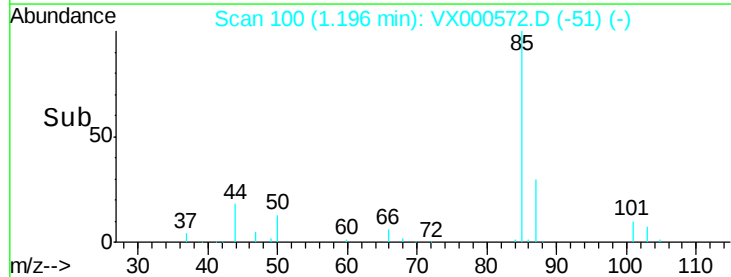
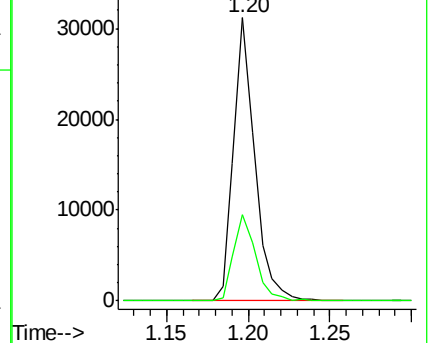
85 100

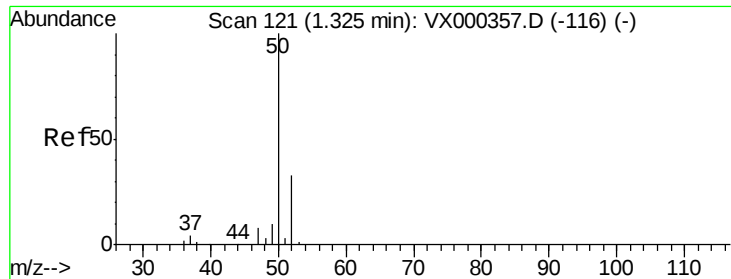
87 30.4 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 15.92 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

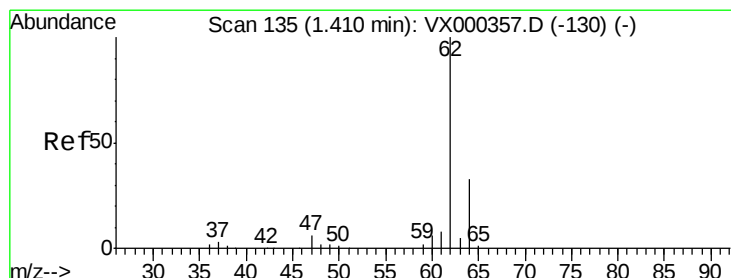
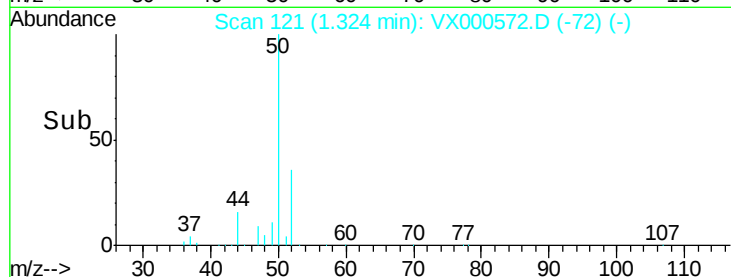
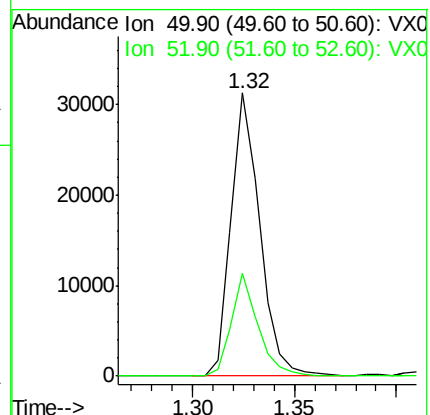
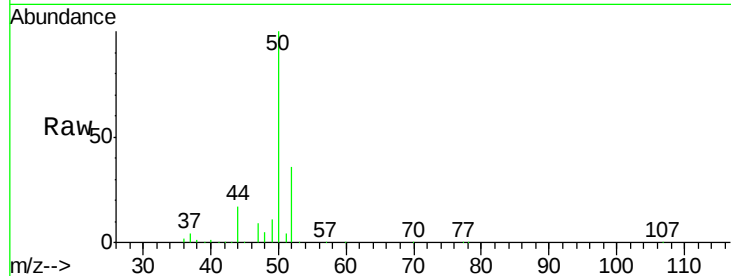
VX0330WBSD01

Tgt Ion: 50 Resp: 30412

Ion Ratio Lower Upper

50 100

52 36.4 27.5 41.3



#4

Vinyl Chloride

Concen: 21.19 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000572.D

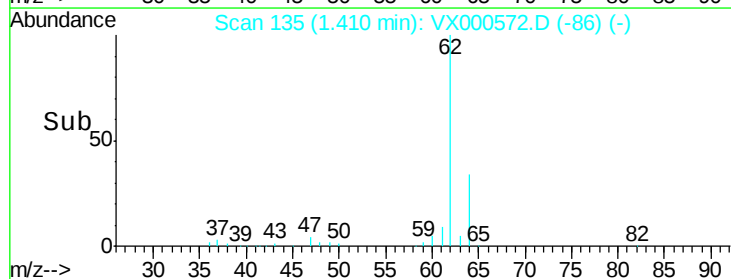
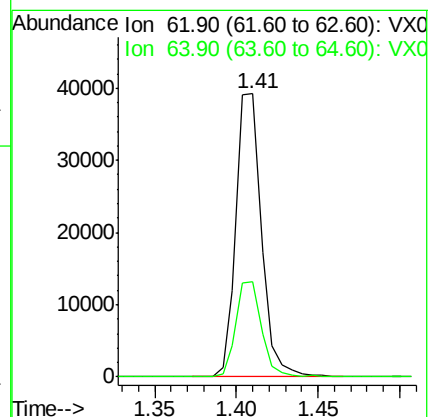
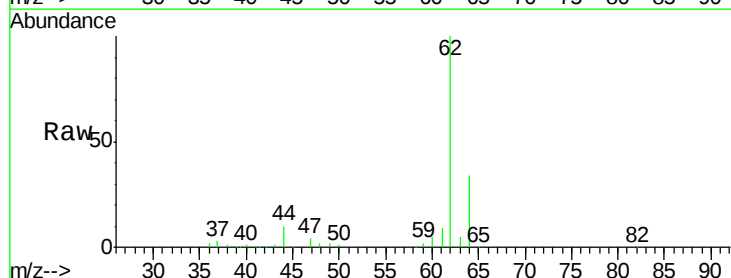
Acq: 30 Mar 2018 20:30

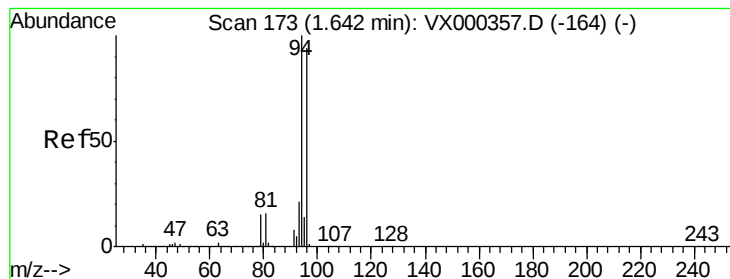
Tgt Ion: 62 Resp: 42777

Ion Ratio Lower Upper

62 100

64 33.6 24.8 37.2





#5

Bromomethane

Concen: 16.37 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

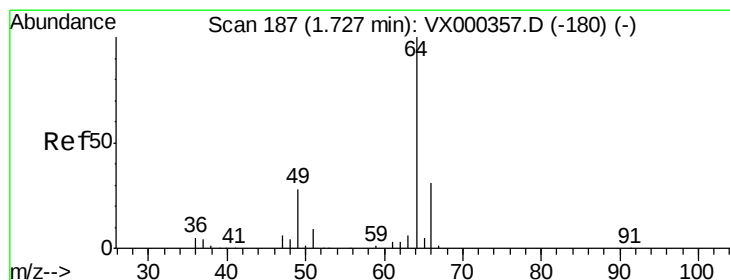
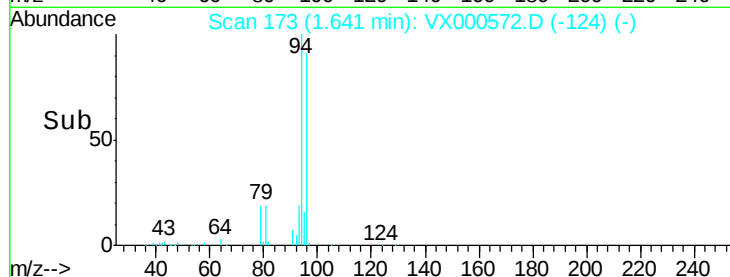
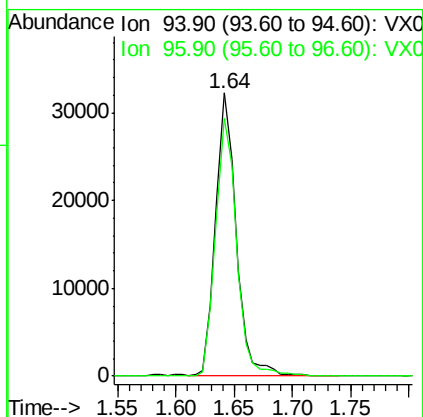
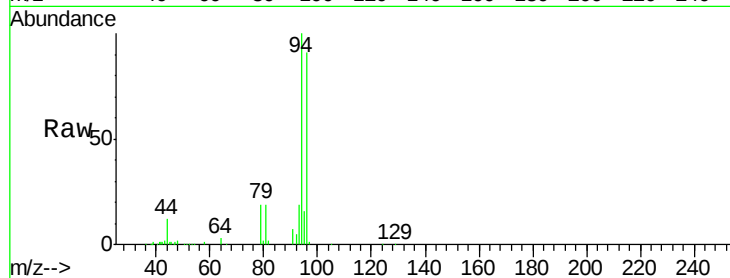
VX0330WBSD01

Tgt Ion: 94 Resp: 39490

Ion Ratio Lower Upper

94 100

96 91.2 77.7 116.5



#6

Chloroethane

Concen: 26.56 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000572.D

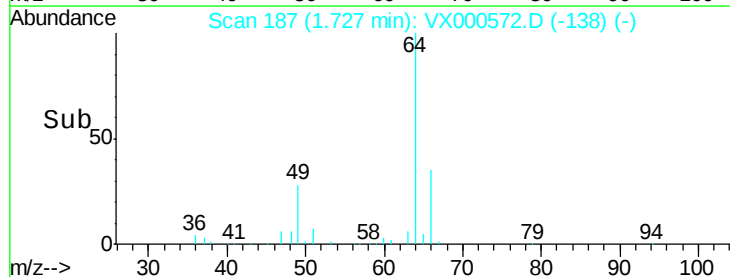
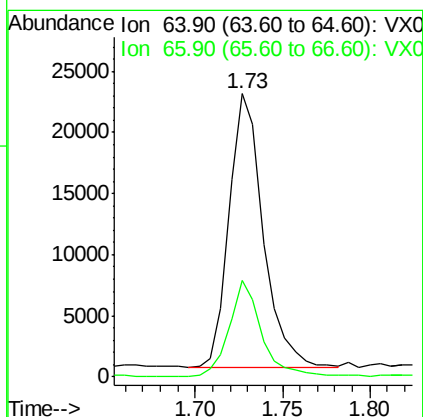
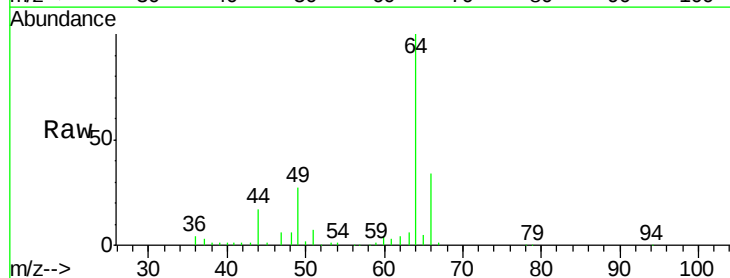
Acq: 30 Mar 2018 20:30

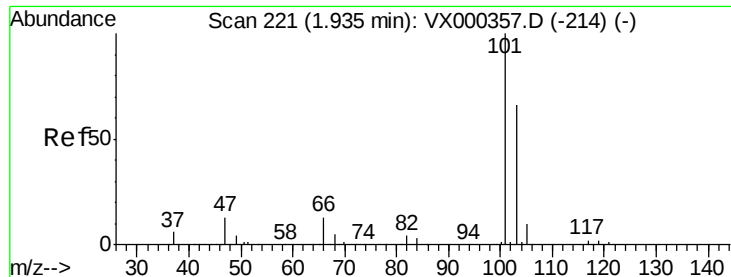
Tgt Ion: 64 Resp: 30361

Ion Ratio Lower Upper

64 100

66 35.0 24.8 37.2



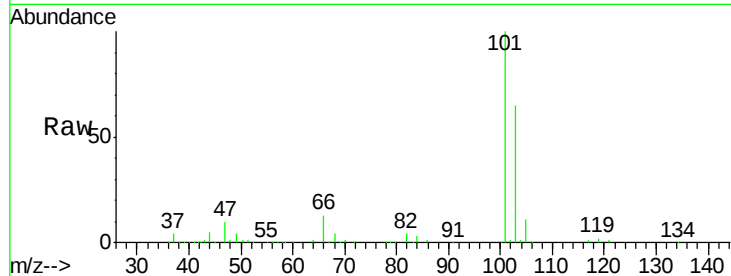


#7

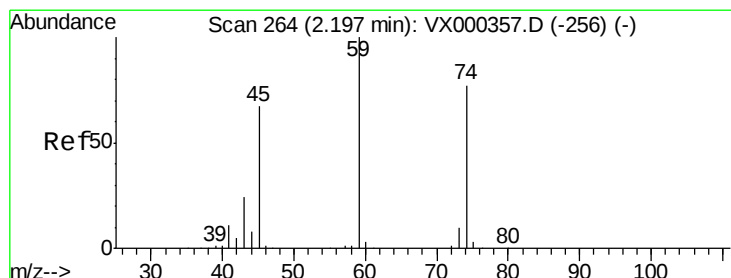
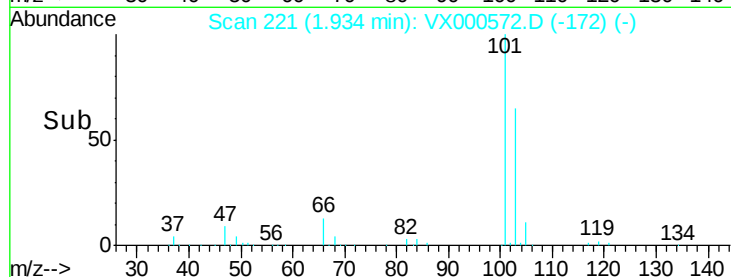
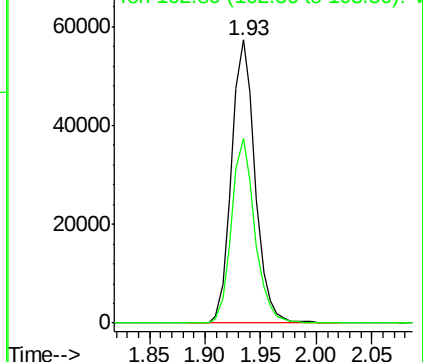
Trichlorofluoromethane
 Concen: 23.14 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000572.D
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Instrument :
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 VX0330WBSD01

Tgt Ion:101 Resp: 84306
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.6 77.4



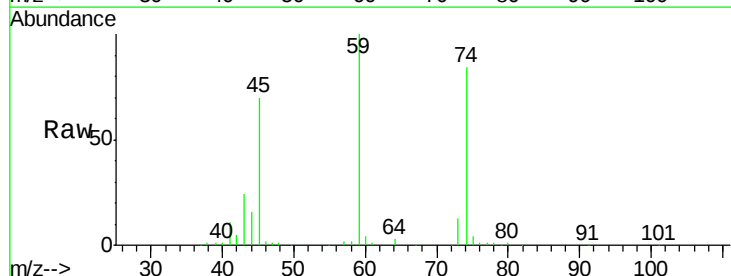
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



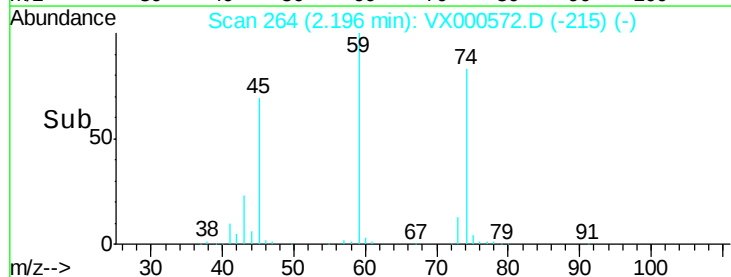
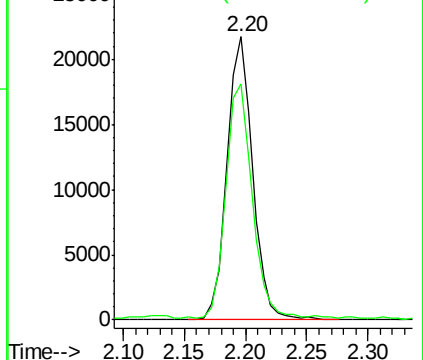
#8

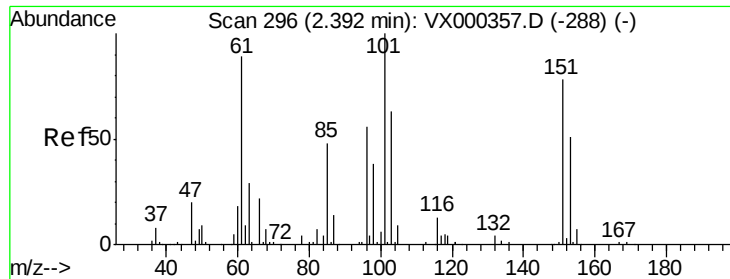
Diethyl Ether
 Concen: 24.12 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: VX000572.D
 Acq: 30 Mar 2018 20:30

Tgt Ion: 74 Resp: 31412
 Ion Ratio Lower Upper
 74 100
 45 84.4 45.1 135.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0

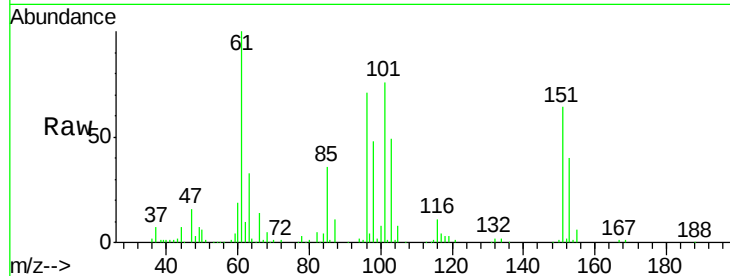




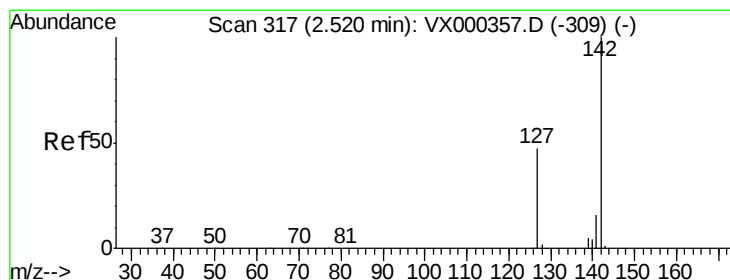
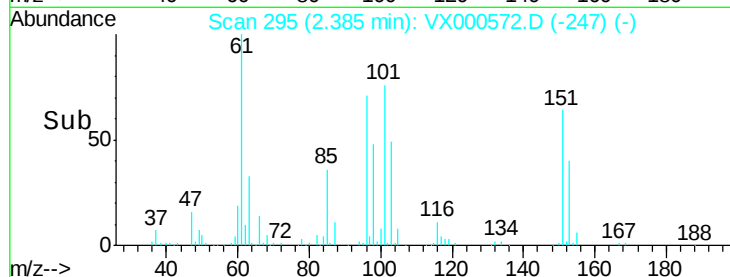
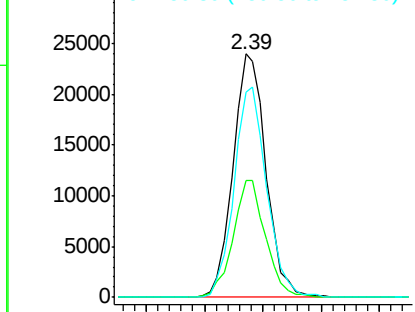
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 23.14 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. -0.01 min
 Lab File: VX000572.D
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 VX0330WBSD01

Tgt Ion:101 Resp: 47023
 Ion Ratio Lower Upper
 101 100
 85 47.5 37.6 56.4
 151 86.4 62.6 93.8

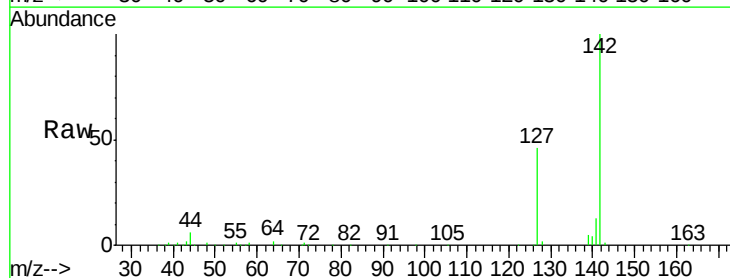


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

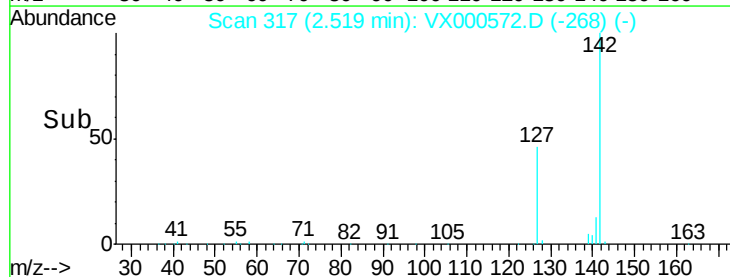
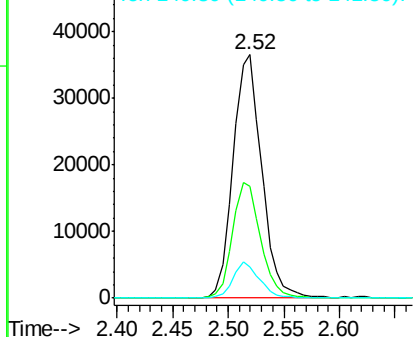


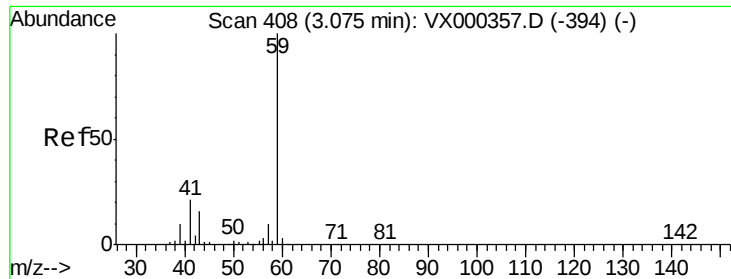
#10
 Methyl Iodide
 Concen: 33.99 ug/l
 RT: 2.52 min Scan# 317
 Delta R.T. 0.00 min
 Lab File: VX000572.D
 Acq: 30 Mar 2018 20:30

Tgt Ion:142 Resp: 65415
 Ion Ratio Lower Upper
 142 100
 127 46.7 39.2 58.8
 141 13.7 11.7 17.5



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

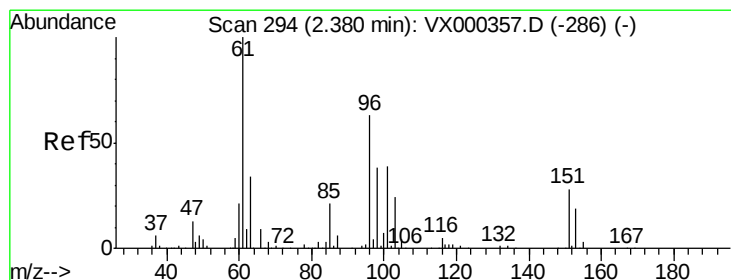
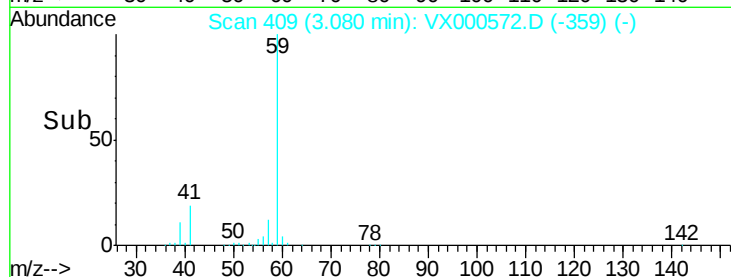
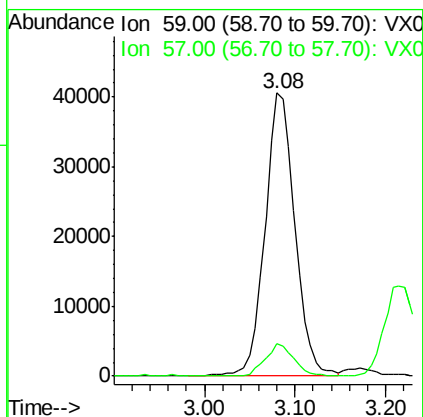
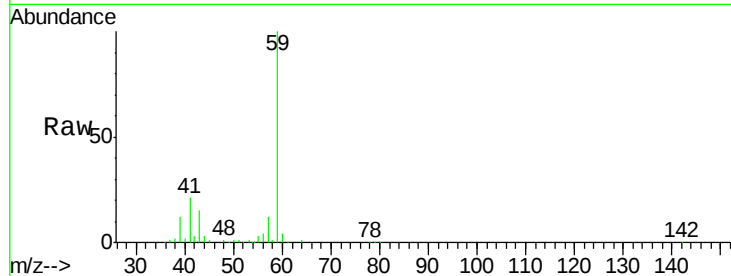




#11
Tert butyl alcohol
Concen: 125.48 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX000572.D
Acq: 30 Mar 2018 20:30

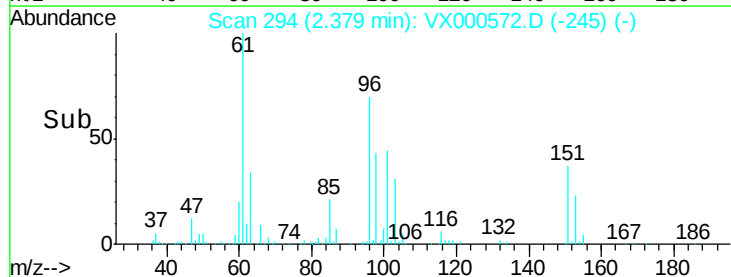
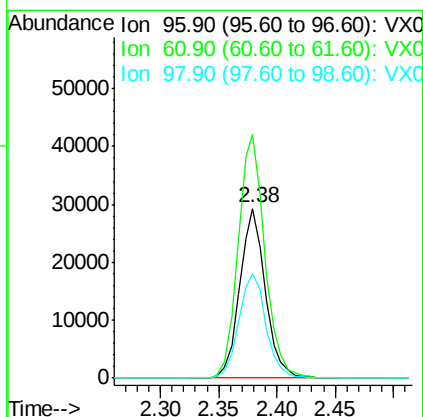
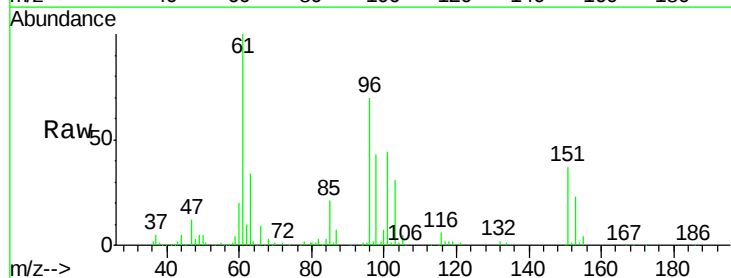
Instrument :
MSVOA_X
ClientSampleId :
VX0330WBSD01

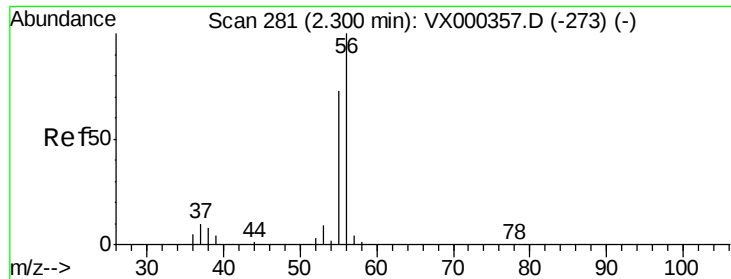
Tgt Ion: 59 Resp: 92713
Ion Ratio Lower Upper
59 100
57 11.2 8.4 12.6



#12
1,1-Dichloroethene
Concen: 25.24 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000572.D
Acq: 30 Mar 2018 20:30

Tgt Ion: 96 Resp: 45023
Ion Ratio Lower Upper
96 100
61 143.3 131.2 196.8
98 61.4 49.8 74.8

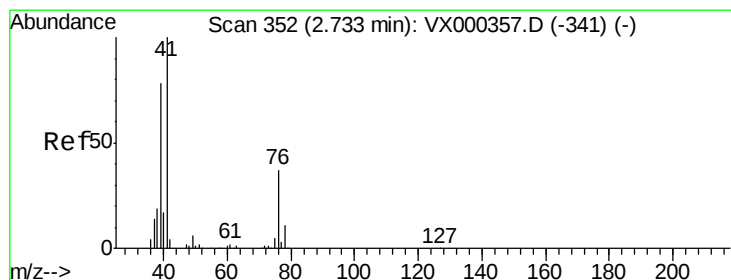
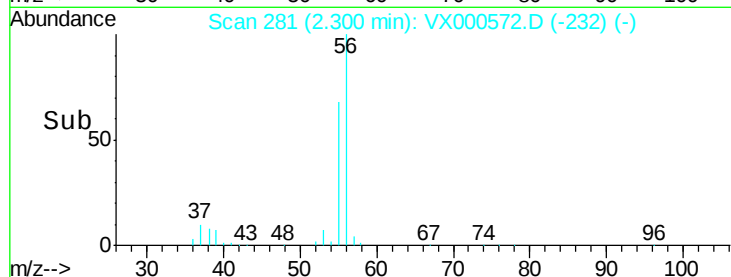
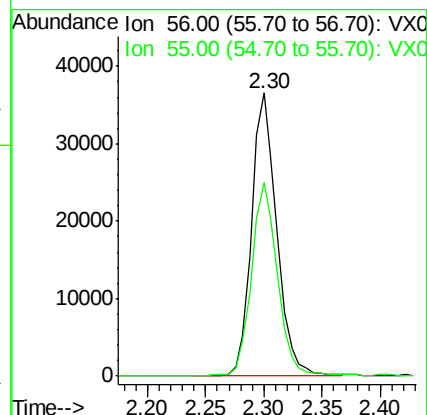
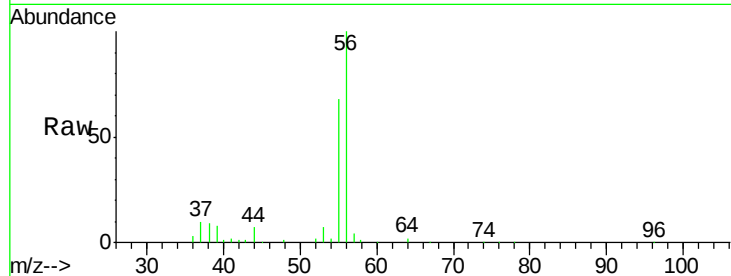




#13
 Acrolein
 Concen: 235.60 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. -0.00 min
 Lab File: VX000572.D
 Acq: 30 Mar 2018 20:30

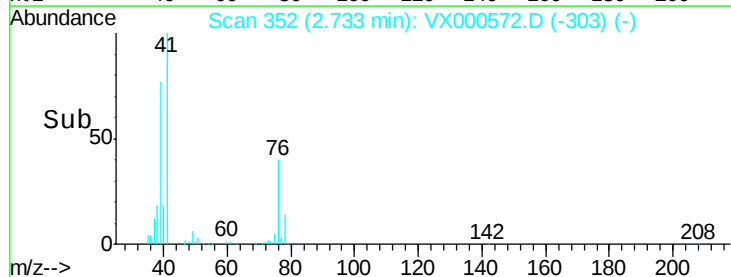
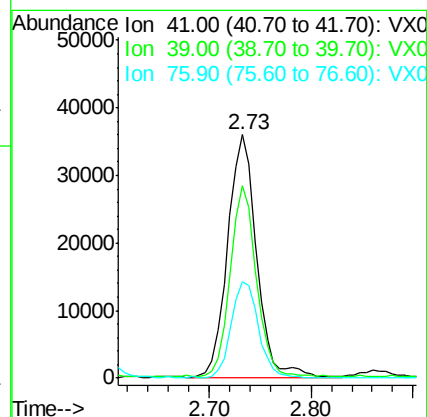
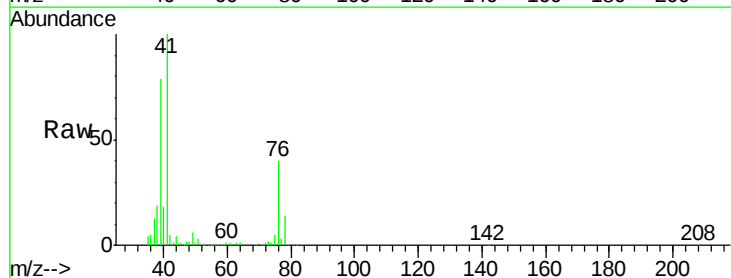
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBSD01

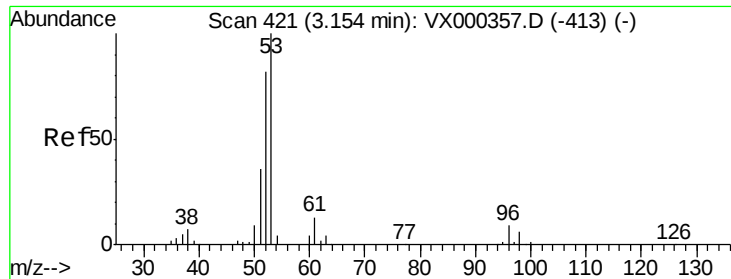
Tgt Ion: 56 Resp: 55369
 Ion Ratio Lower Upper
 56 100
 55 70.7 58.8 88.2



#14
 Allyl chloride
 Concen: 22.32 ug/l
 RT: 2.73 min Scan# 352
 Delta R.T. -0.00 min
 Lab File: VX000572.D
 Acq: 30 Mar 2018 20:30

Tgt Ion: 41 Resp: 70488
 Ion Ratio Lower Upper
 41 100
 39 70.6 57.6 86.4
 76 37.2 27.3 40.9

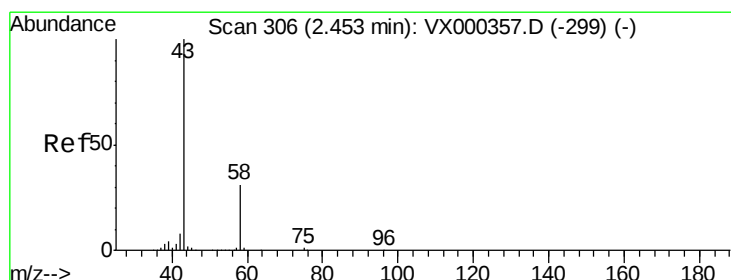
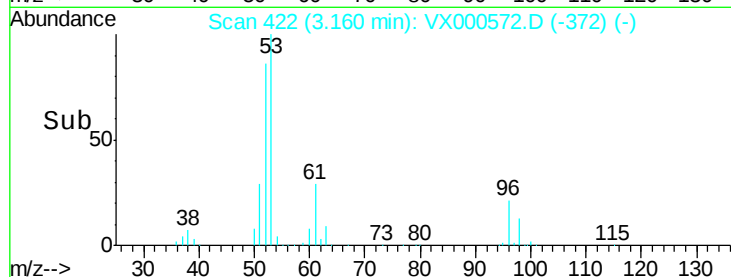
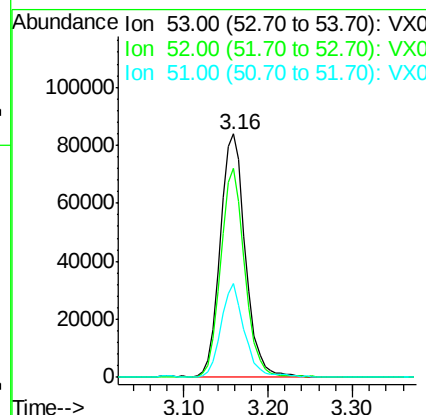
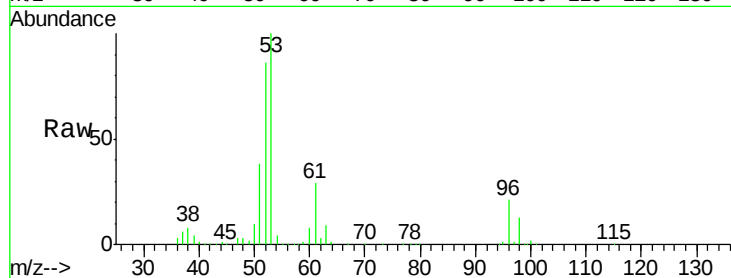




#15
 Acrylonitrile
 Concen: 115.90 ug/l
 RT: 3.16 min Scan# 422
 Delta R.T. 0.01 min
 Lab File: VX000572.D
 Acq: 30 Mar 2018 20:30

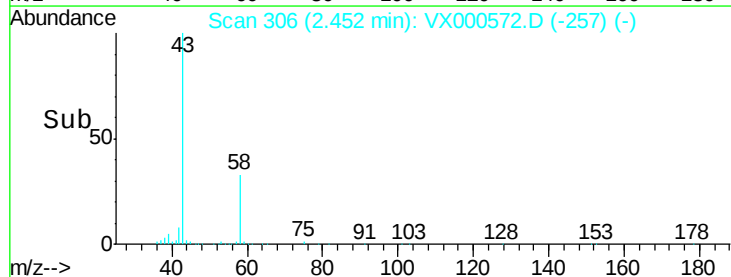
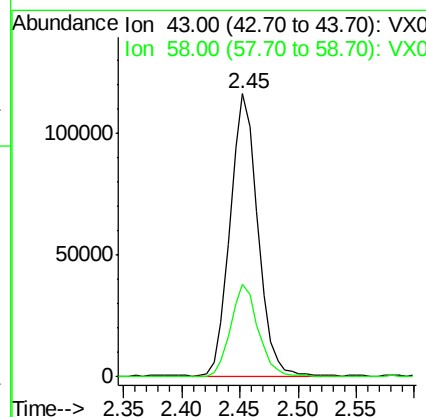
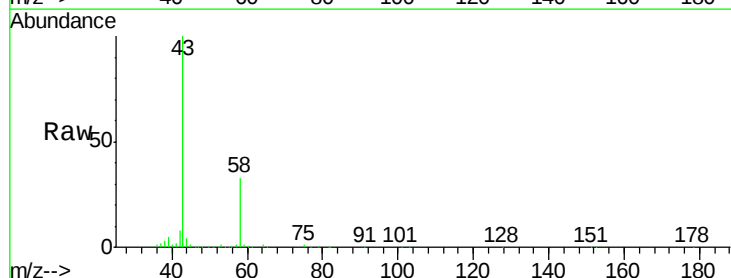
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0330WBSD01

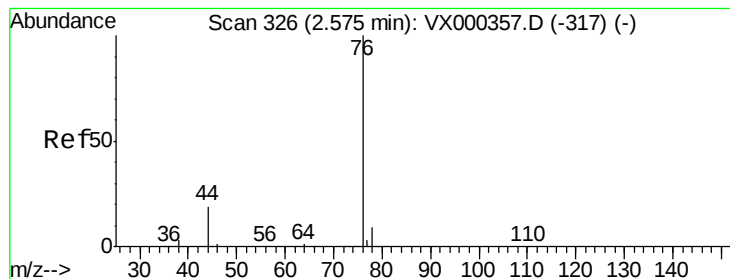
Tgt Ion: 53 Resp: 173439
 Ion Ratio Lower Upper
 53 100
 52 81.9 66.6 99.8
 51 36.0 29.3 43.9



#16
 Acetone
 Concen: 107.60 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. -0.00 min
 Lab File: VX000572.D
 Acq: 30 Mar 2018 20:30

Tgt Ion: 43 Resp: 192263
 Ion Ratio Lower Upper
 43 100
 58 32.5 24.7 37.1





#17

Carbon Disulfide

Concen: 22.93 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

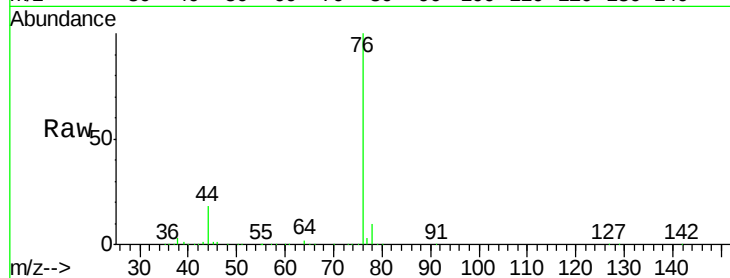
VX0330WBSD01

Tgt Ion: 76 Resp: 108733

Ion Ratio Lower Upper

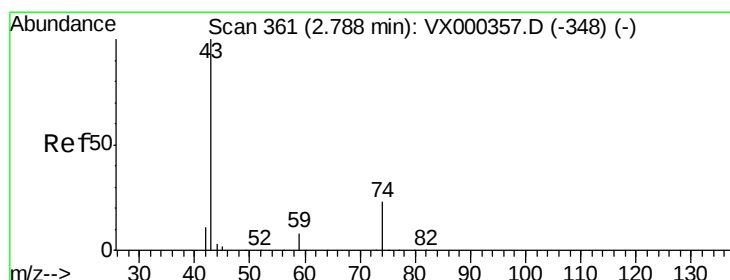
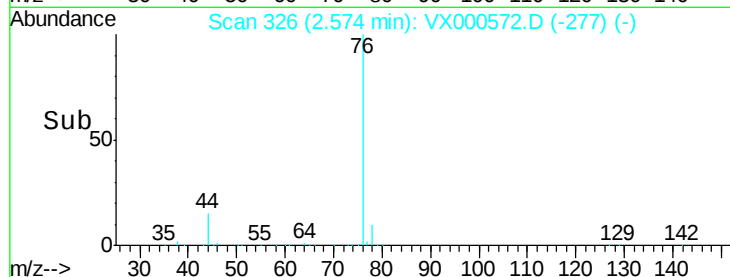
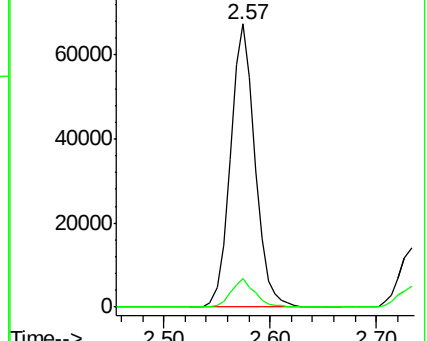
76 100

78 10.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.67 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX000572.D

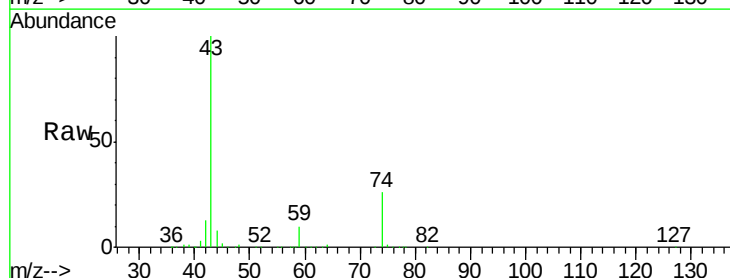
Acq: 30 Mar 2018 20:30

Tgt Ion: 43 Resp: 84923

Ion Ratio Lower Upper

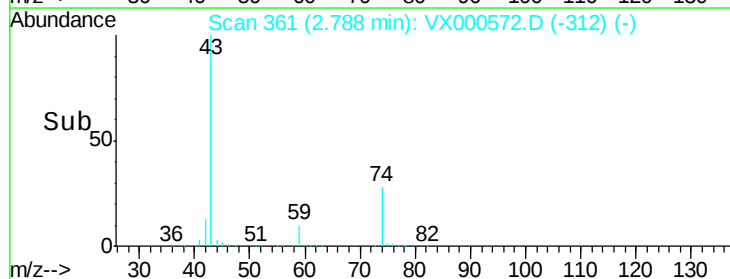
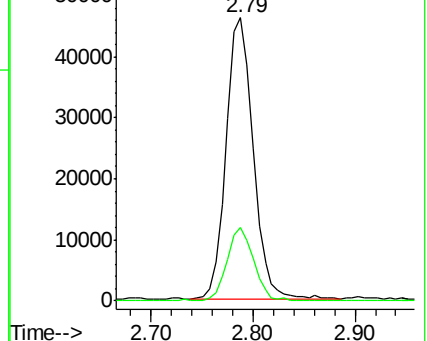
43 100

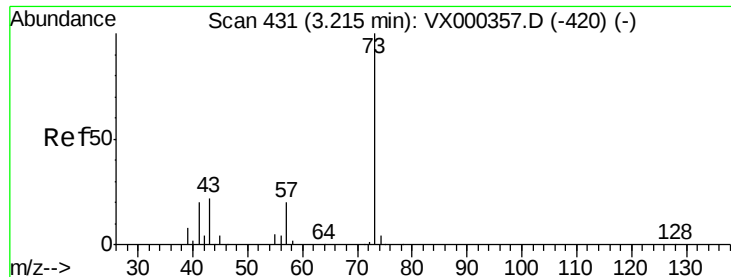
74 25.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 23.50 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

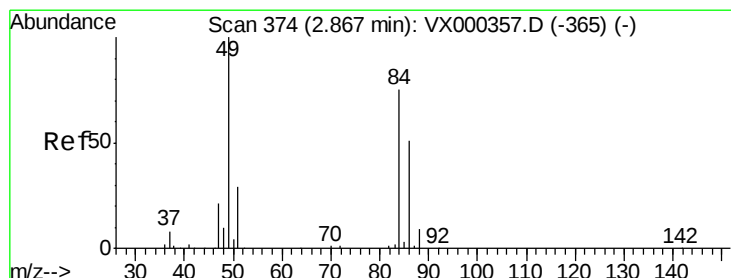
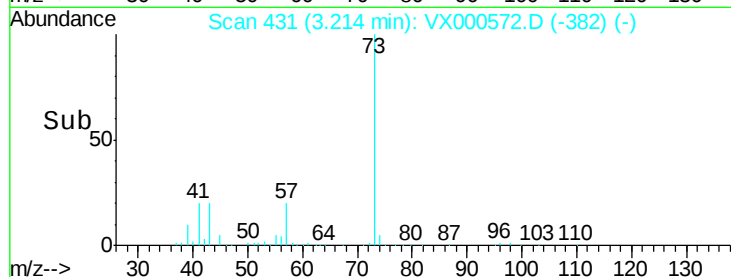
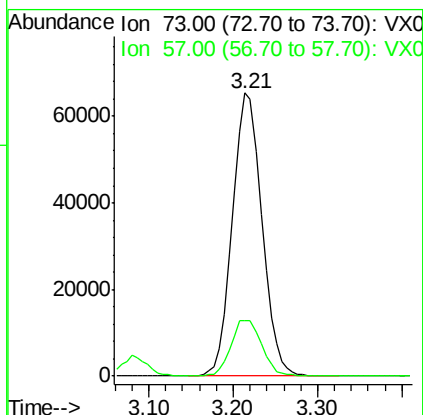
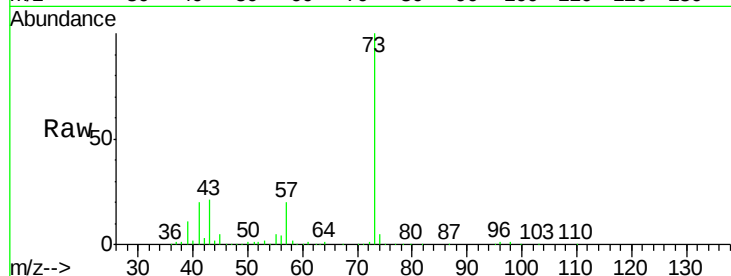
VX0330WBSD01

Tgt Ion: 73 Resp: 155027

Ion Ratio Lower Upper

73 100

57 19.8 17.2 25.8



#20

Methylene Chloride

Concen: 25.06 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

Tgt Ion: 84 Resp: 51714

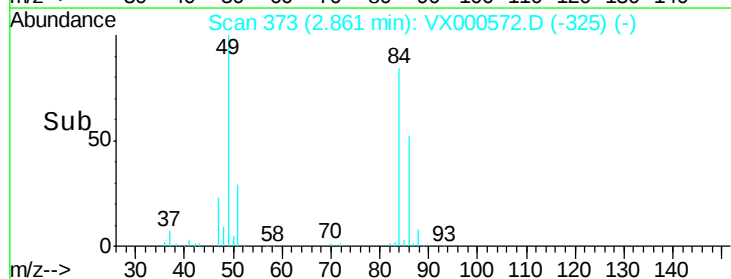
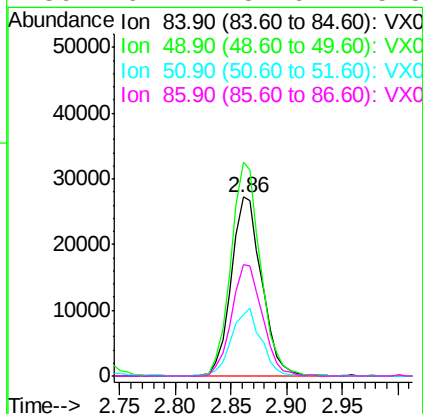
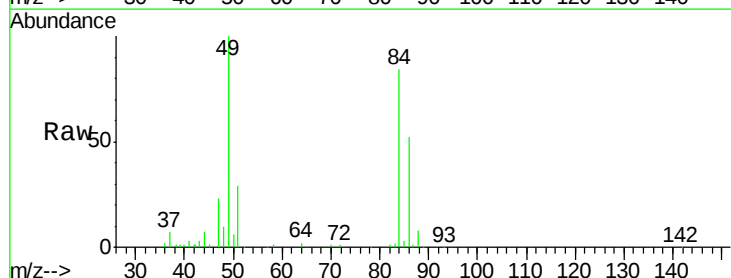
Ion Ratio Lower Upper

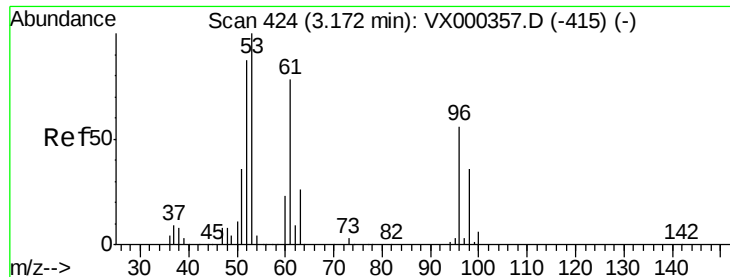
84 100

49 119.4 100.6 151.0

51 34.7 31.6 47.4

86 62.4 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 23.99 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

VX0330WBSD01

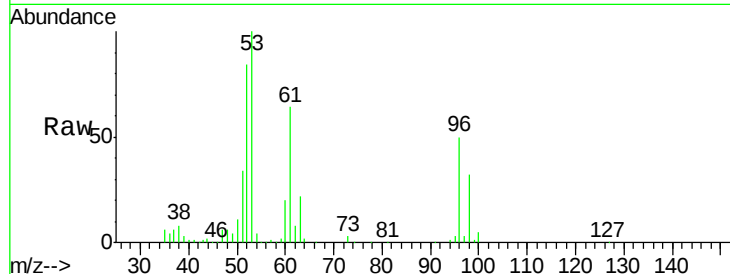
Tgt Ion: 96 Resp: 47732

Ion Ratio Lower Upper

96 100

61 127.6 104.0 156.0

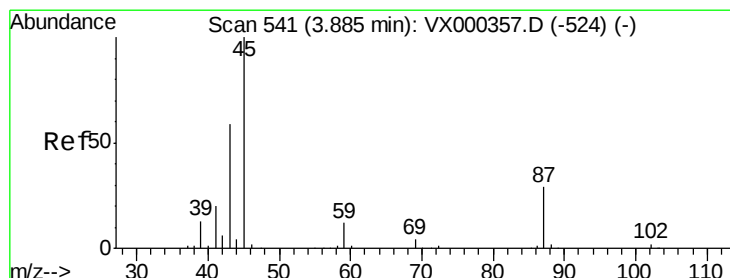
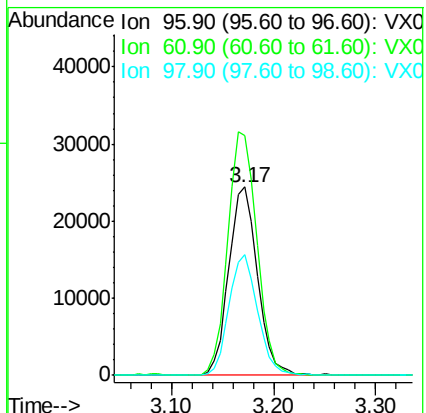
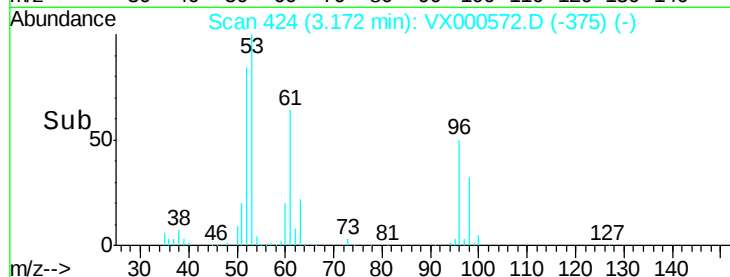
98 64.1 52.1 78.1



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: 16.84 ug/l

RT: 3.88 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

Tgt Ion: 45 Resp: 93881

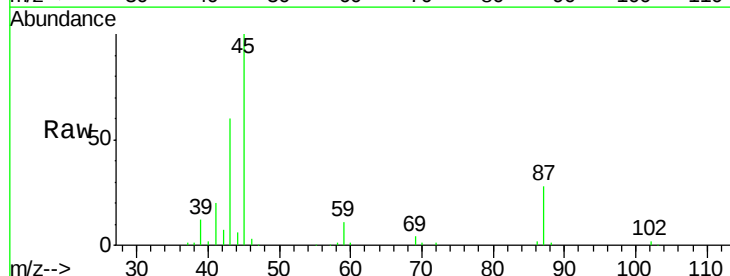
Ion Ratio Lower Upper

45 100

43 59.6 53.9 80.9

87 28.4 22.6 34.0

59 11.4 9.5 14.3

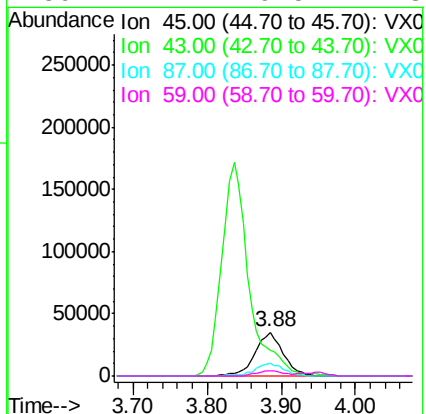
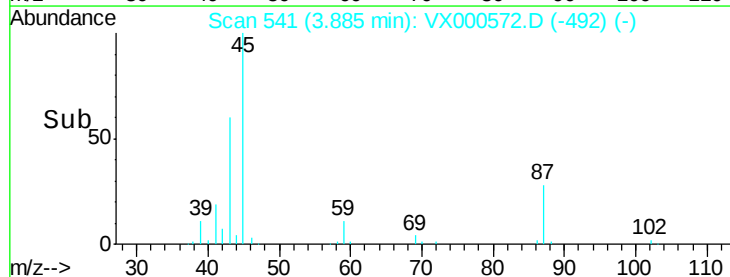


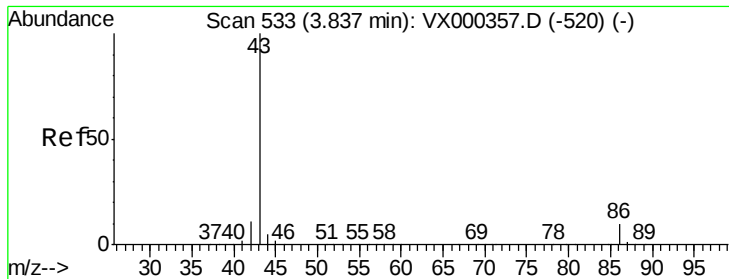
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 83.57 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

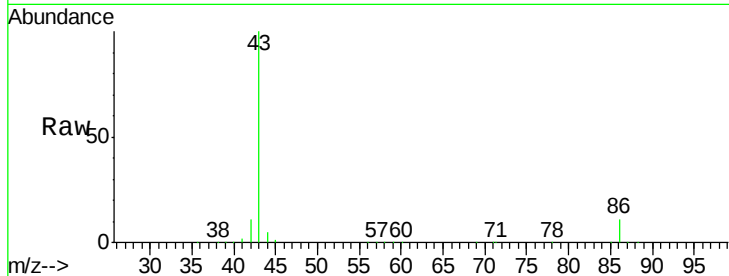
VX0330WBSD01

Tgt Ion: 43 Resp: 441742

Ion Ratio Lower Upper

43 100

86 10.7 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

200000

150000

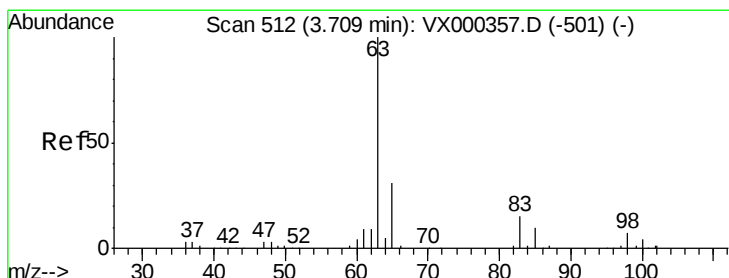
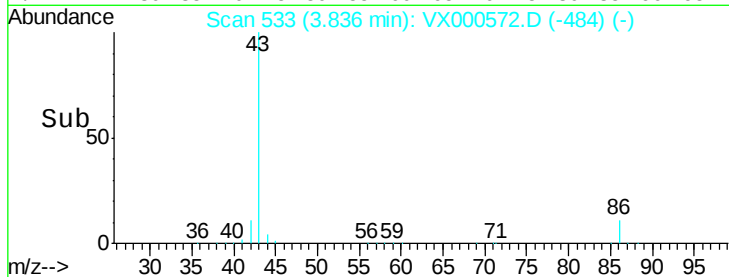
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 14.39 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

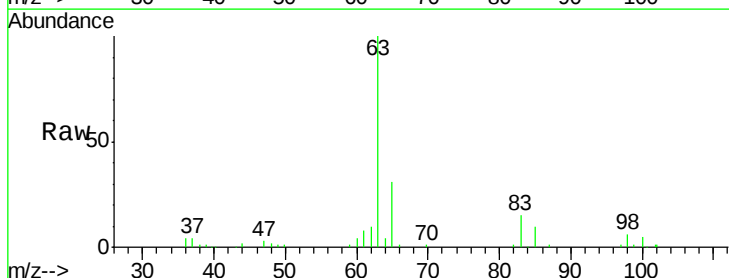
Tgt Ion: 63 Resp: 50455

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.9

100 5.6 2.0 5.8



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

30000

25000

20000

15000

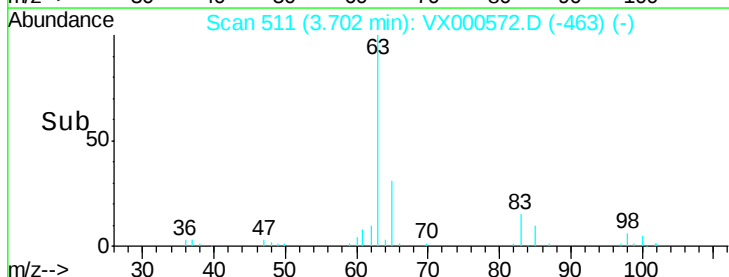
10000

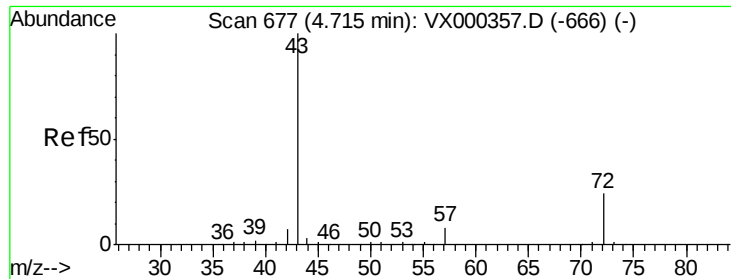
5000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 97.17 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

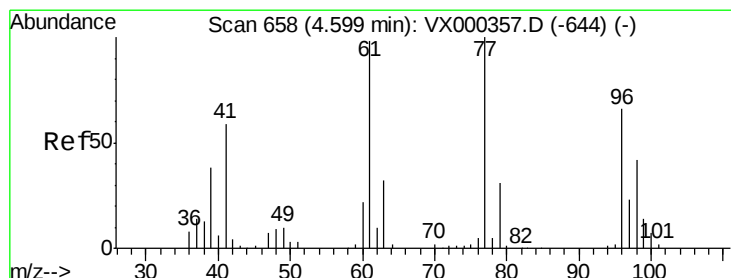
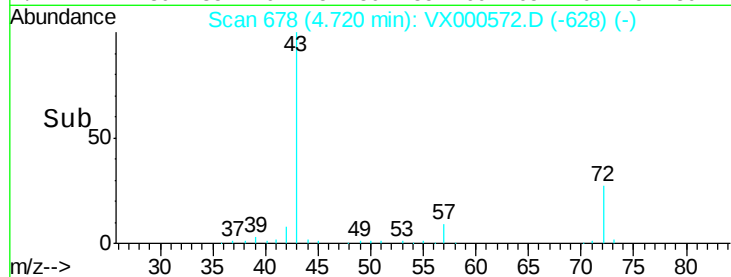
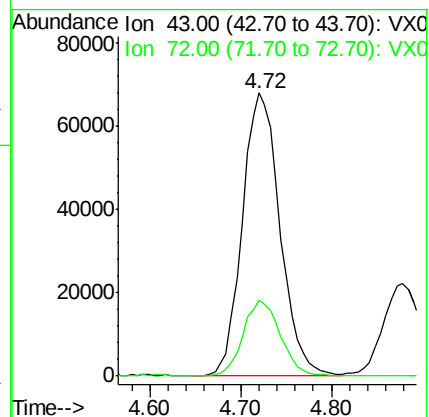
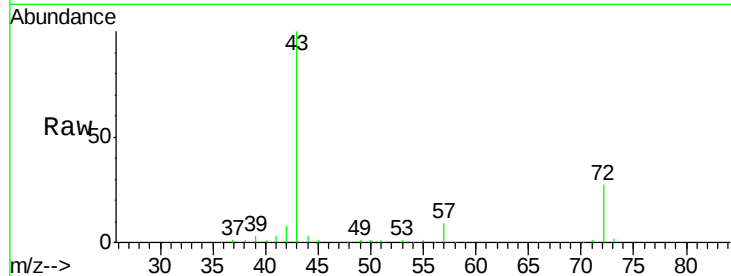
VX0330WBSD01

Tgt Ion: 43 Resp: 195149

Ion Ratio Lower Upper

43 100

72 27.1 21.0 31.6



#26

2,2-Dichloropropane

Concen: 18.23 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000572.D

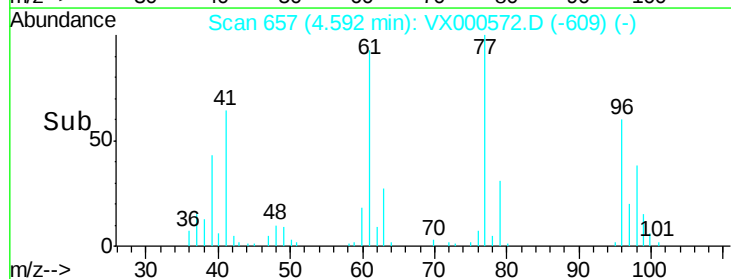
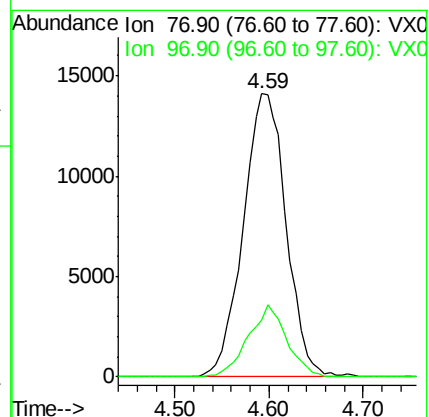
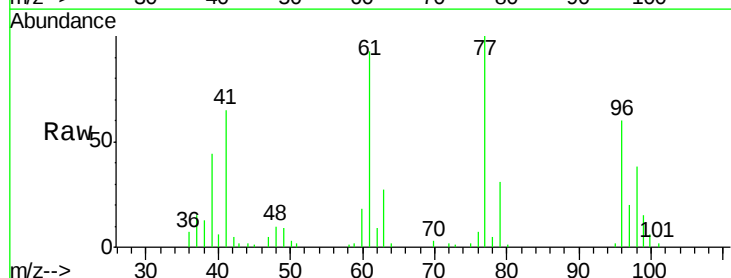
Acq: 30 Mar 2018 20:30

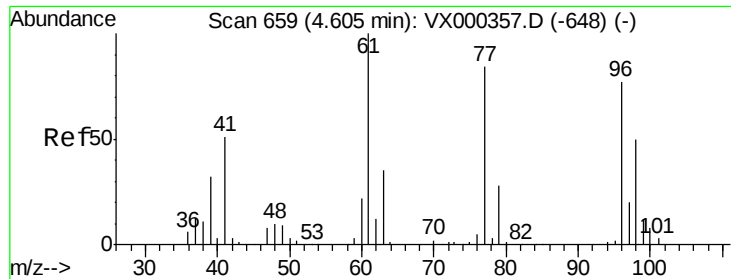
Tgt Ion: 77 Resp: 44799

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.19 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

VX0330WBSD01

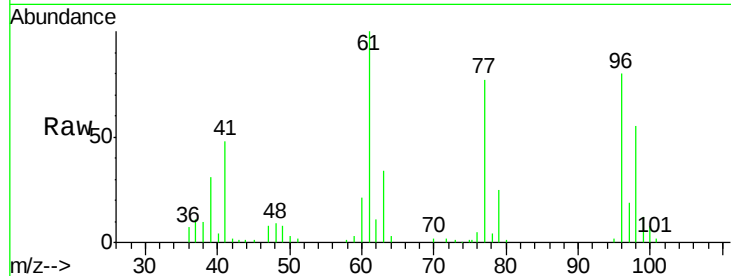
Tgt Ion: 96 Resp: 35678

Ion Ratio Lower Upper

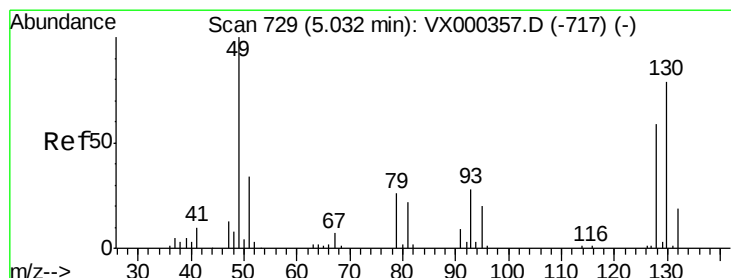
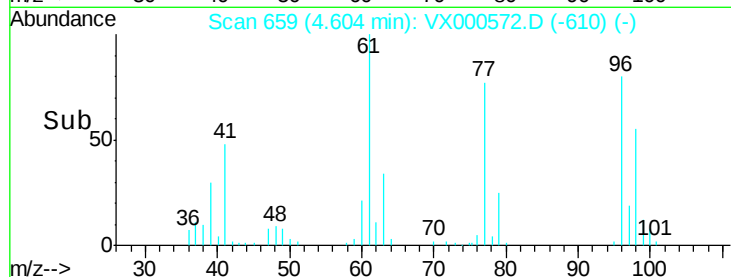
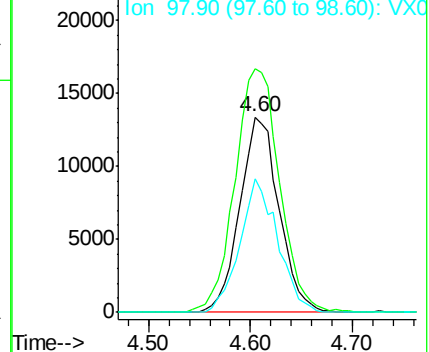
96 100

61 142.1 0.0 291.6

98 65.7 0.0 132.0



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 19.57 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

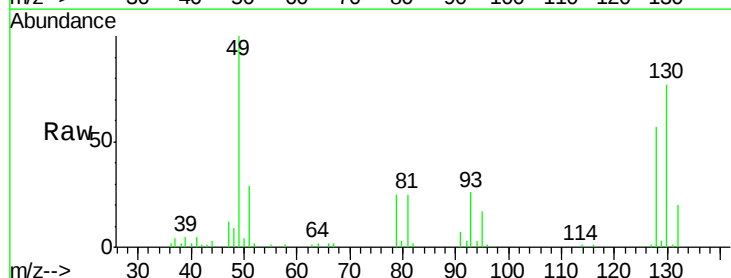
Tgt Ion: 49 Resp: 28286

Ion Ratio Lower Upper

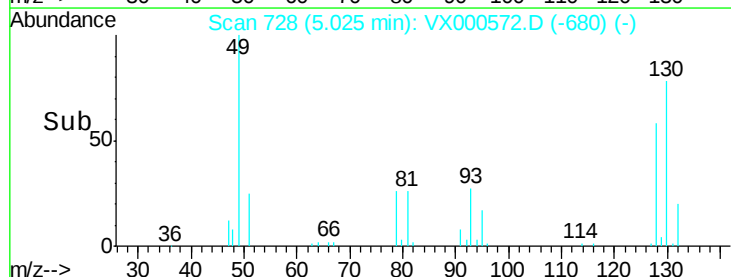
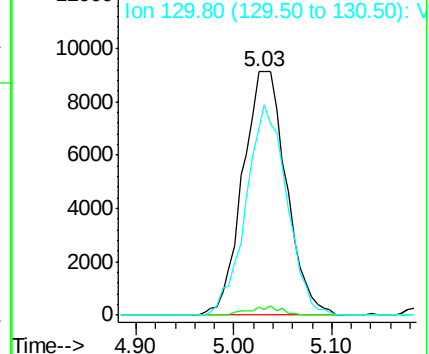
49 100

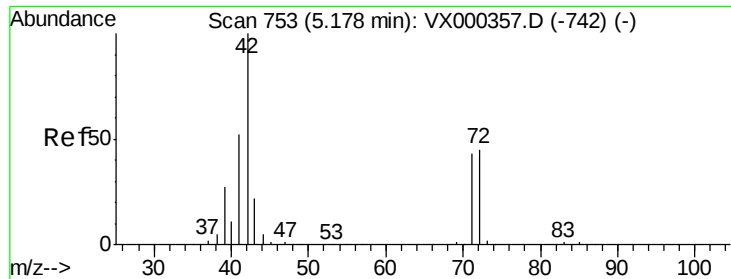
129 1.4 0.0 5.0

130 80.8 64.0 96.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

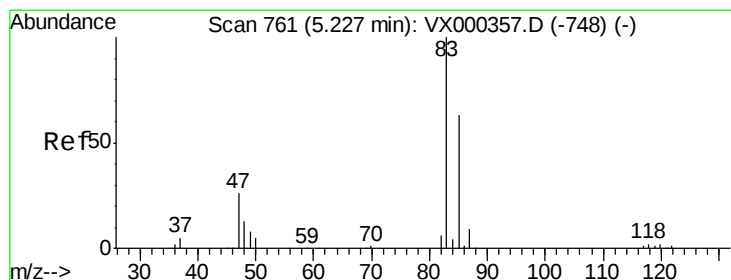
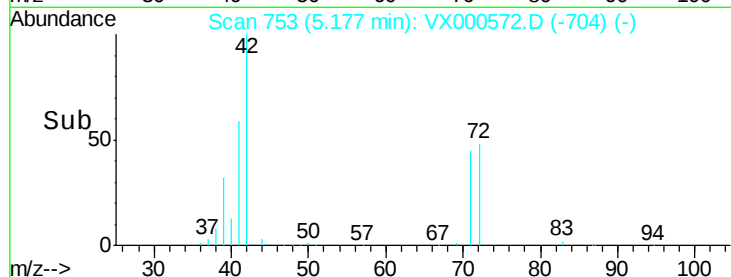
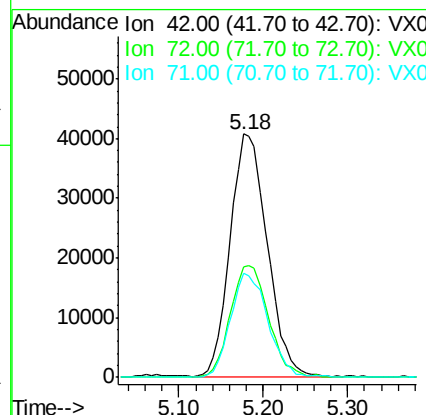
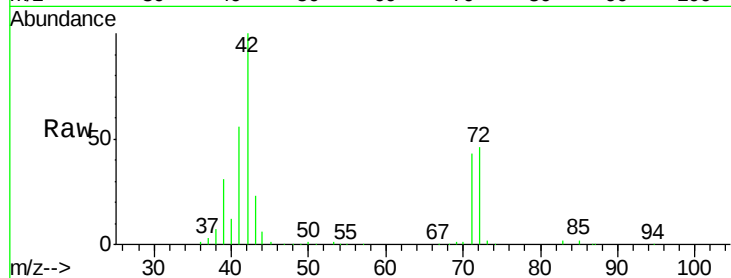




#29
Tetrahydrofuran
Concen: 98.85 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000572.D
Acq: 30 Mar 2018 20:30

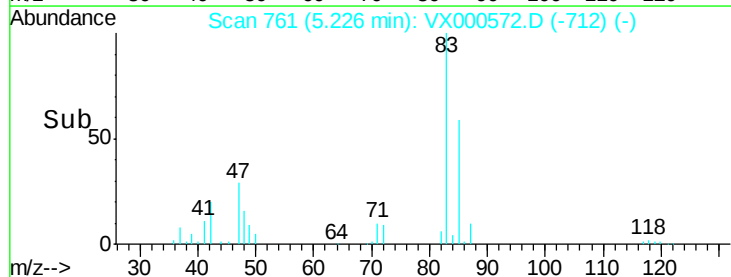
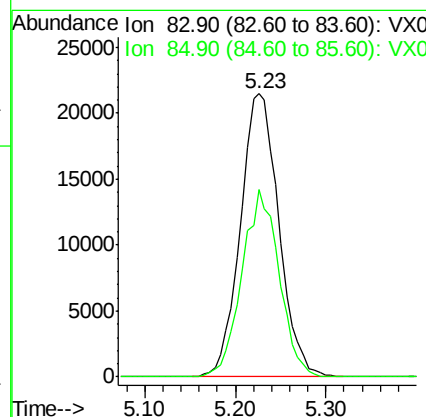
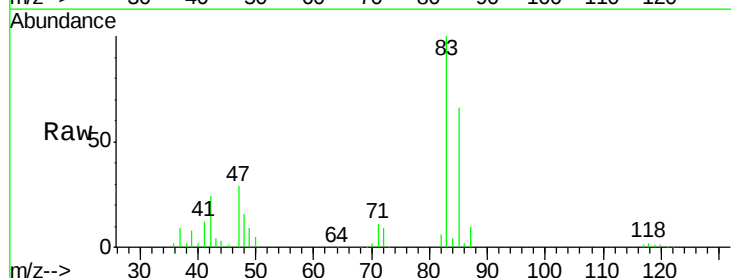
Instrument :
MSVOA_X
ClientSampled :
VX0330WBSD01

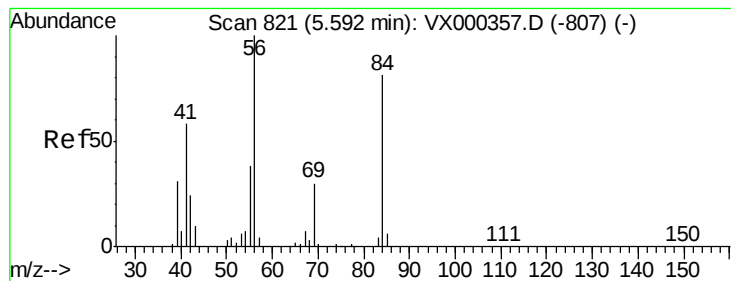
Tgt Ion: 42 Resp: 122148
Ion Ratio Lower Upper
42 100
72 47.0 37.9 56.9
71 43.1 34.4 51.6



#30
Chloroform
Concen: 19.21 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000572.D
Acq: 30 Mar 2018 20:30

Tgt Ion: 83 Resp: 63122
Ion Ratio Lower Upper
83 100
85 66.3 53.3 79.9





#31

Cyclohexane

Concen: 18.91 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

VX0330WBSD01

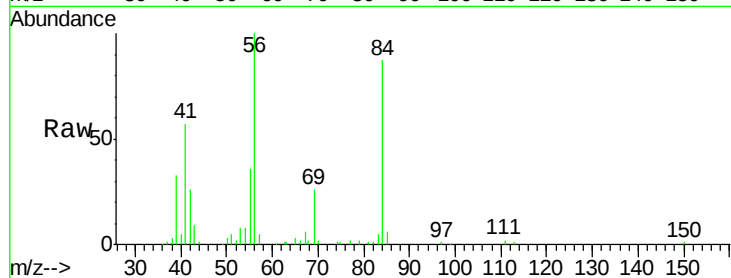
Tgt Ion: 56 Resp: 51244

Ion Ratio Lower Upper

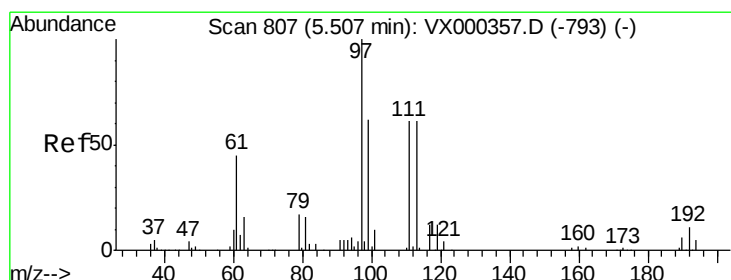
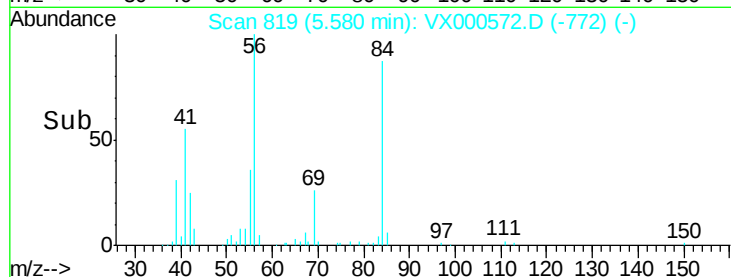
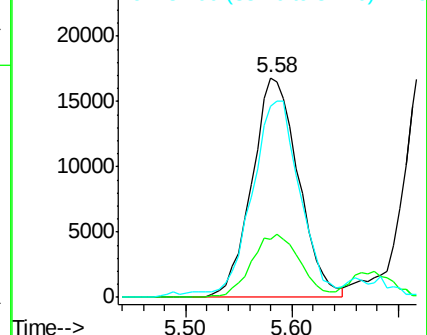
56 100

69 26.3 23.4 35.0

84 84.6 71.0 106.4



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



#32

1,1,1-Trichloroethane

Concen: 18.81 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

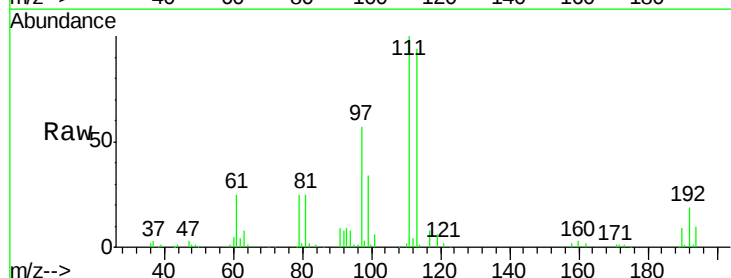
Tgt Ion: 97 Resp: 55758

Ion Ratio Lower Upper

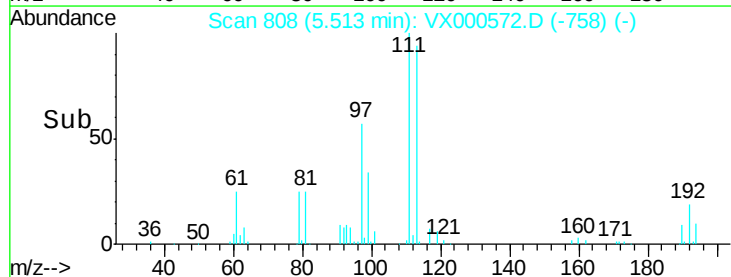
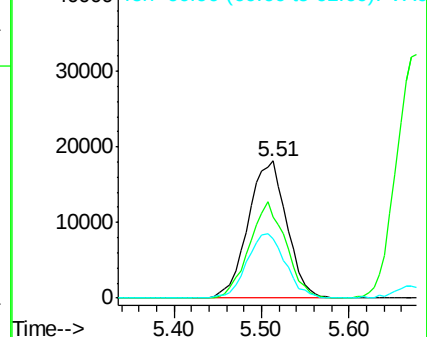
97 100

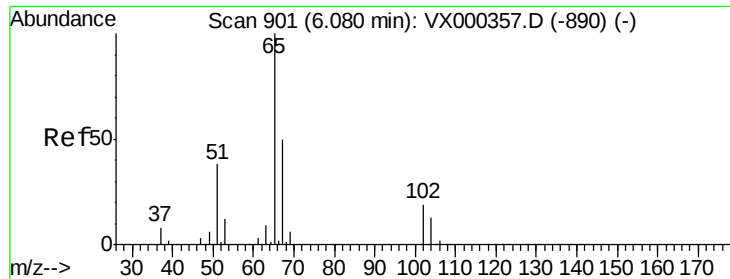
99 66.2 52.1 78.1

61 46.5 36.2 54.4



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

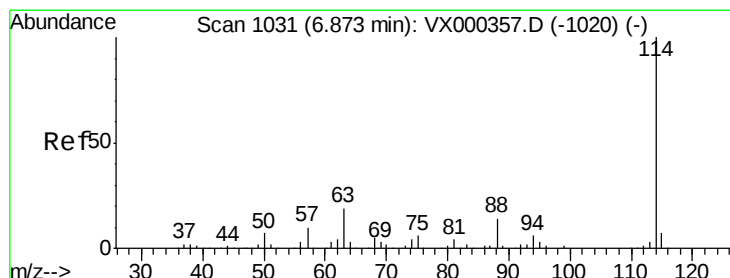
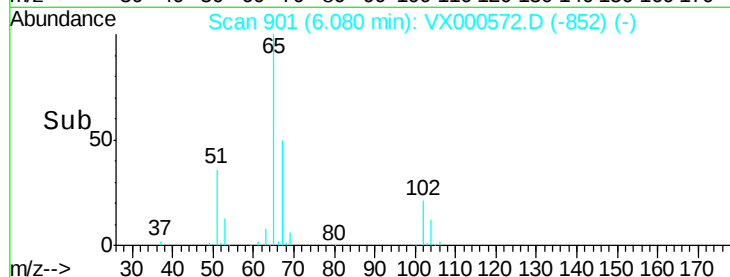
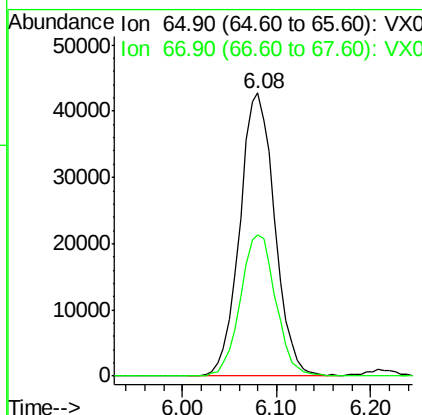
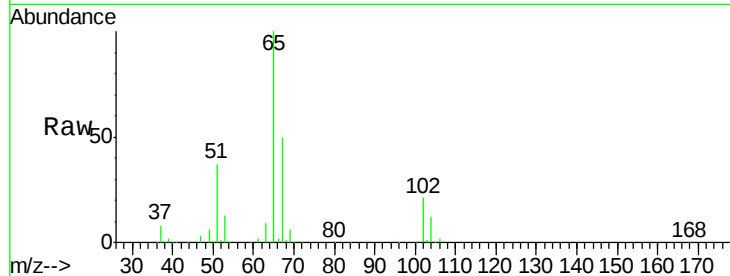




#33
 1,2-Dichloroethane-d4
 Concen: 51.68 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000572.D
 Acq: 30 Mar 2018 20:30

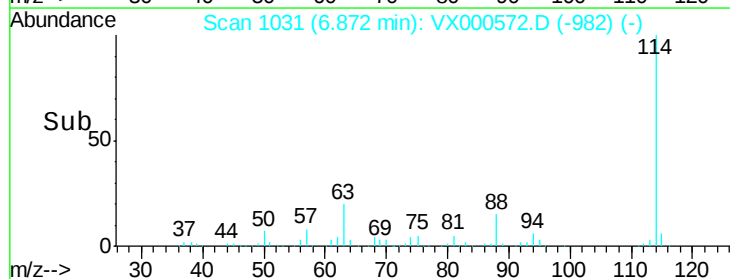
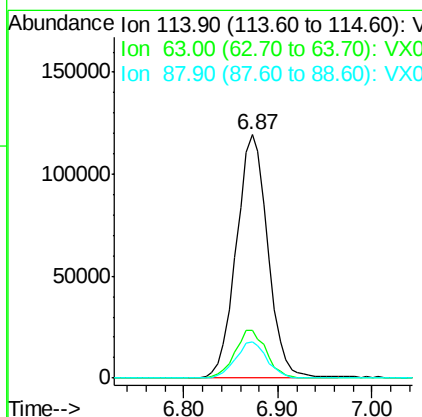
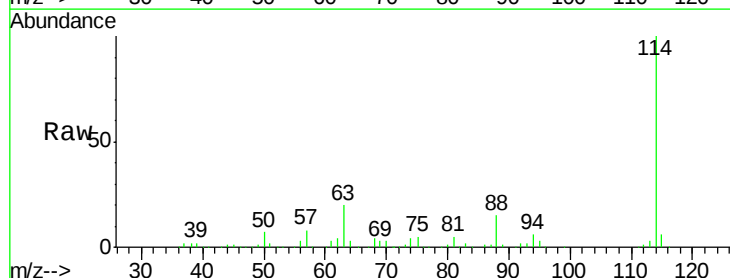
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBSD01

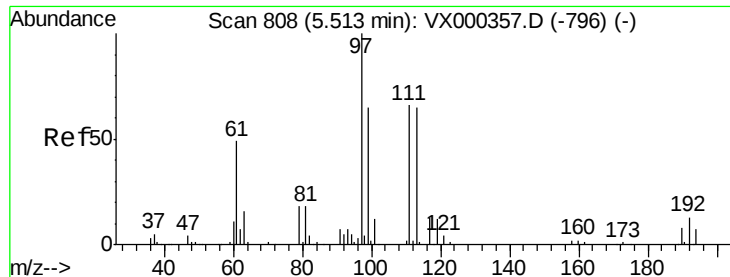
Tgt Ion: 65 Resp: 110998
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000572.D
 Acq: 30 Mar 2018 20:30

Tgt Ion: 114 Resp: 278902
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.4
 88 14.7 0.0 27.0





#35

Dibromofluoromethane

Concen: 48.69 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

VX0330WBSD01

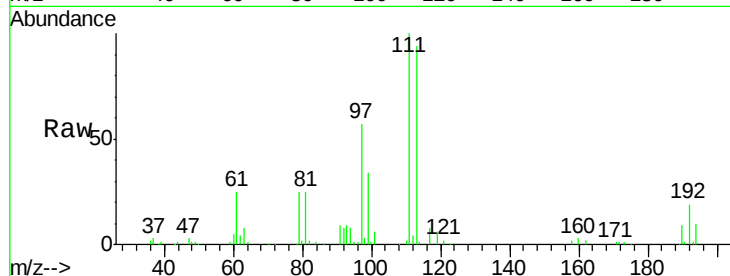
Tgt Ion:113 Resp: 85572

Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

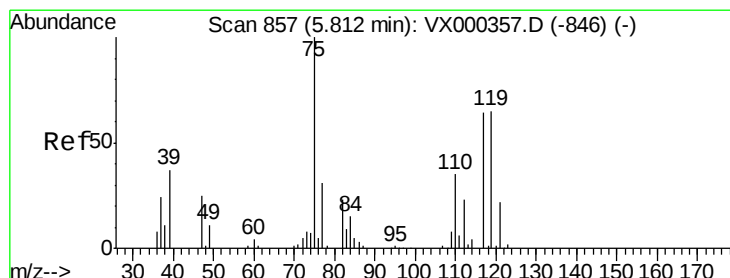
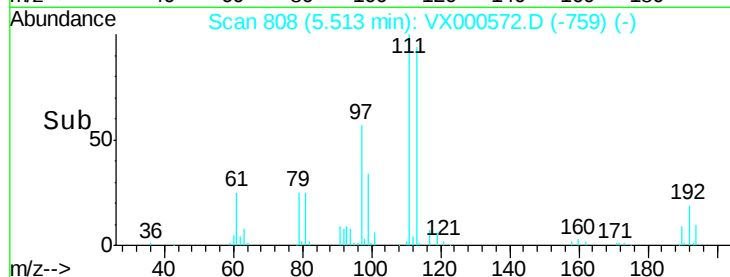
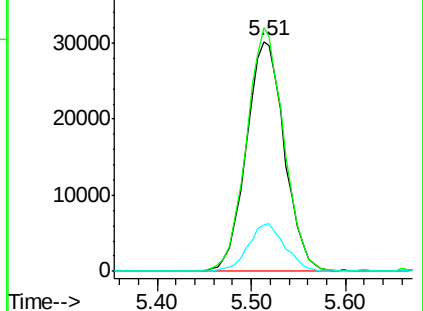
192 20.0 15.8 23.6



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: 18.28 ug/l

RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

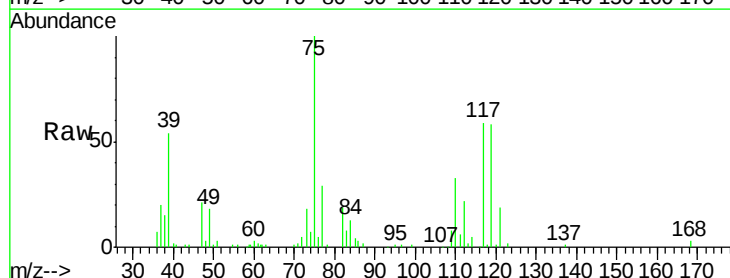
Tgt Ion: 75 Resp: 47766

Ion Ratio Lower Upper

75 100

110 34.9 17.9 53.7

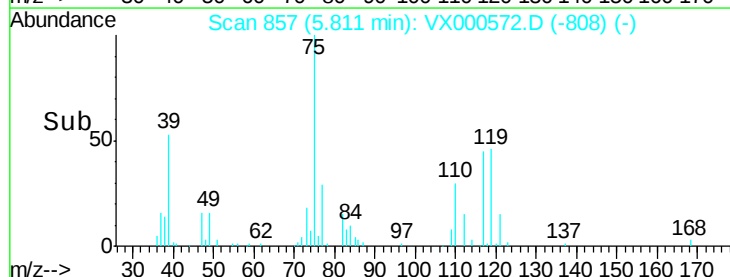
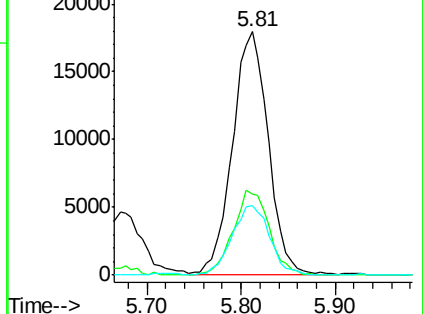
77 30.0 24.0 36.0

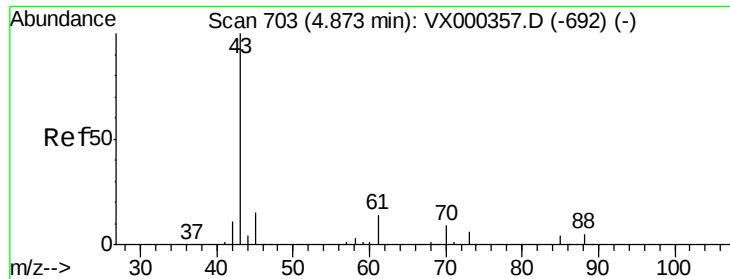


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 18.33 ug/l

RT: 4.88 min Scan# 704

Delta R.T. 0.01 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

Instrument :

MSVOA_X

ClientSampled :

VX0330WBSD01

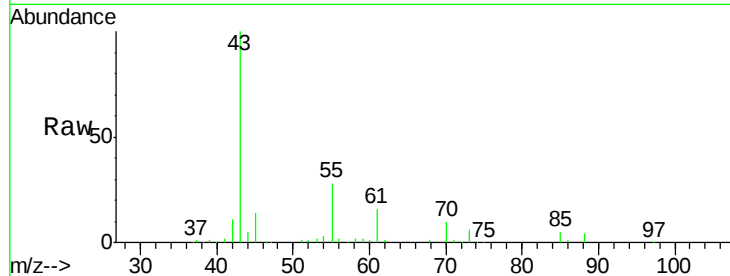
Tgt Ion: 43 Resp: 65410

Ion Ratio Lower Upper

43 100

61 14.4 11.1 16.7

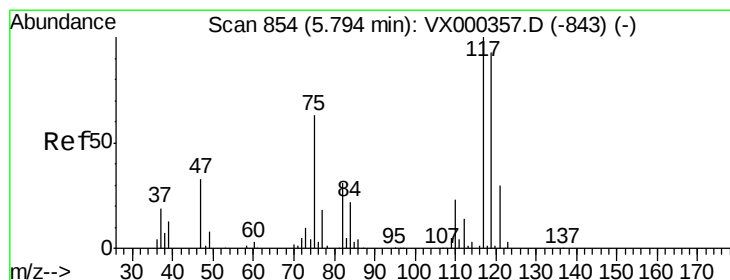
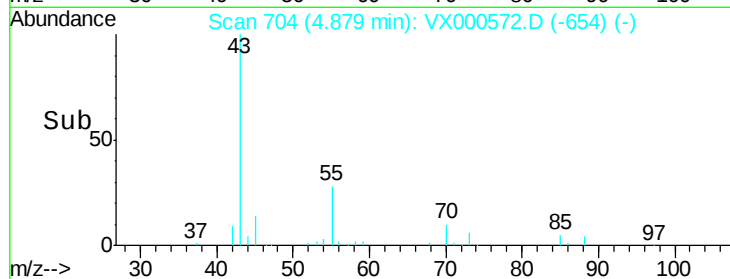
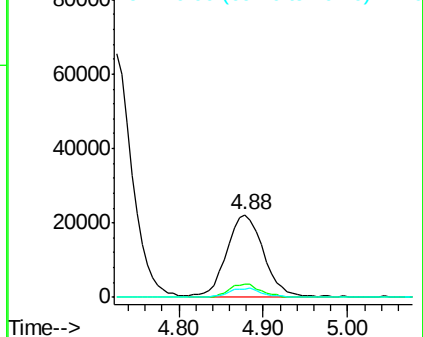
70 10.0 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 16.96 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.01 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

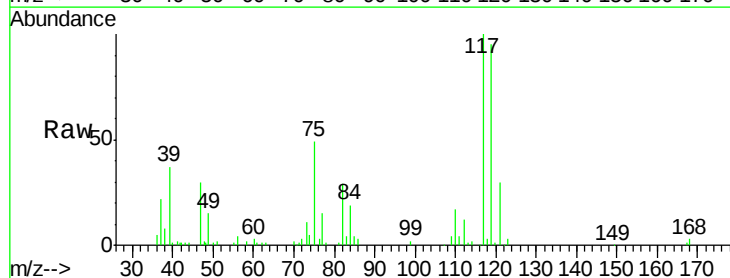
Tgt Ion: 117 Resp: 46470

Ion Ratio Lower Upper

117 100

119 94.6 77.4 116.2

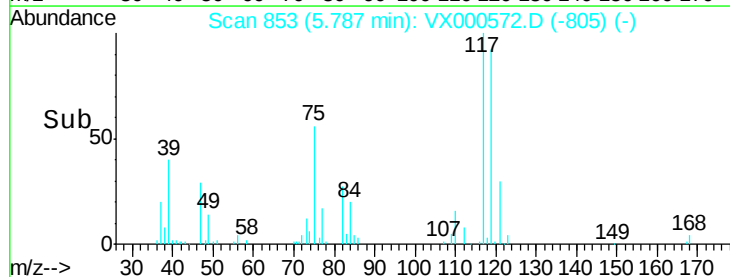
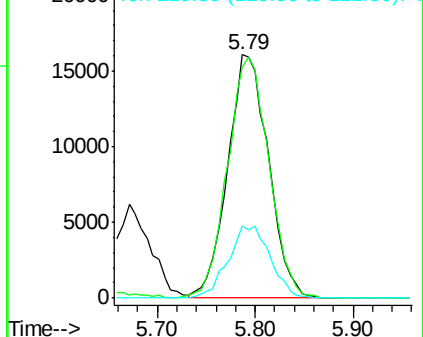
121 29.7 24.8 37.2

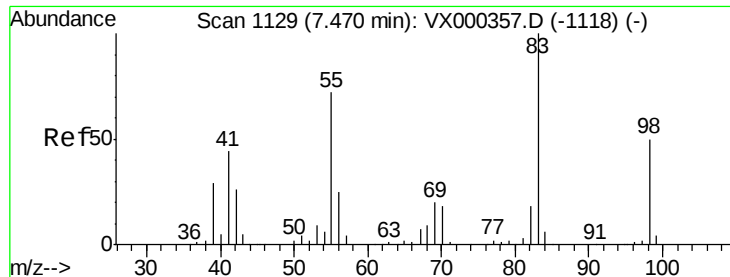


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

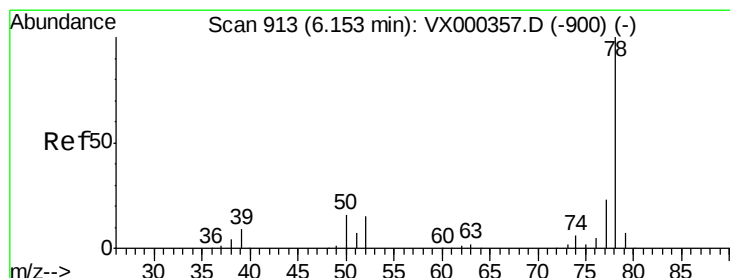
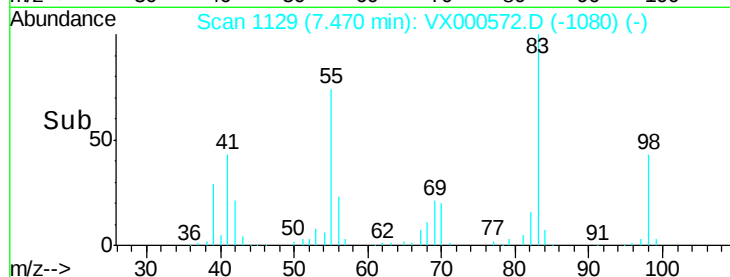
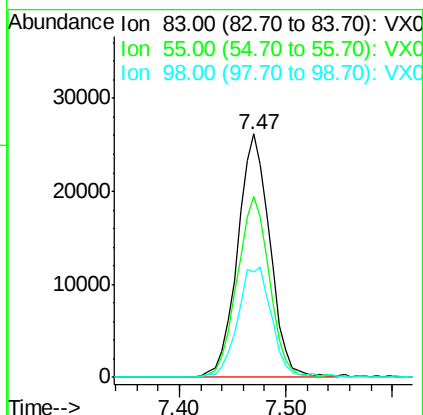
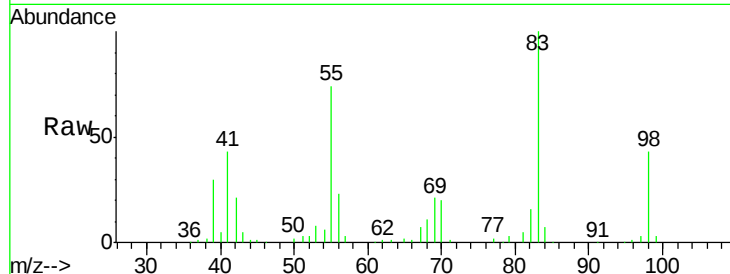




#39
Methylcyclohexane
Concen: 17.59 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000572.D
Acq: 30 Mar 2018 20:30

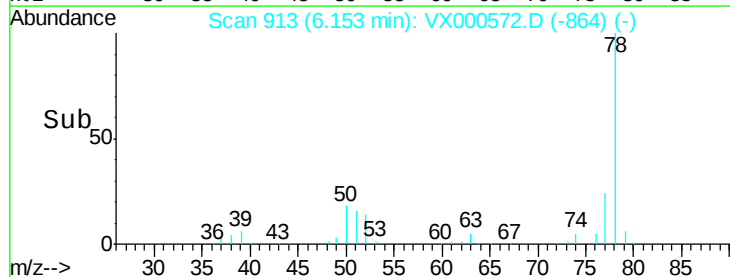
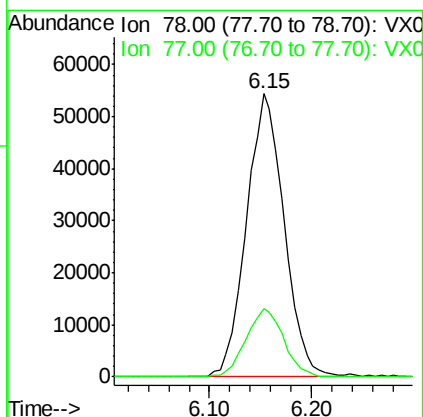
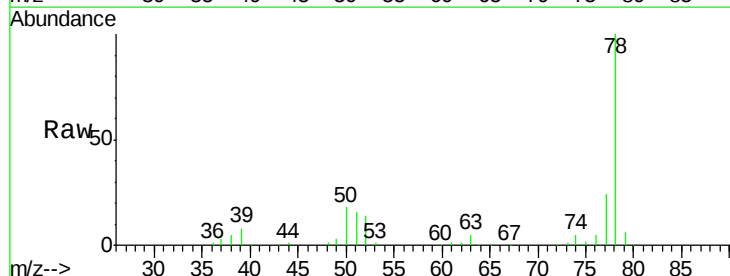
Instrument :
MSVOA_X
ClientSampleId :
VX0330WBSD01

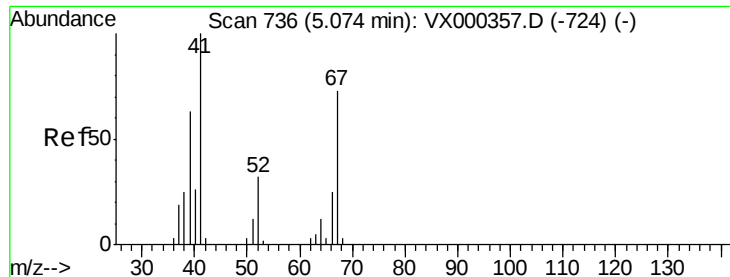
Tgt Ion: 83 Resp: 55881
Ion Ratio Lower Upper
83 100
55 74.2 55.5 83.3
98 43.2 38.2 57.4



#40
Benzene
Concen: 18.36 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000572.D
Acq: 30 Mar 2018 20:30

Tgt Ion: 78 Resp: 139263
Ion Ratio Lower Upper
78 100
77 24.3 18.7 28.1

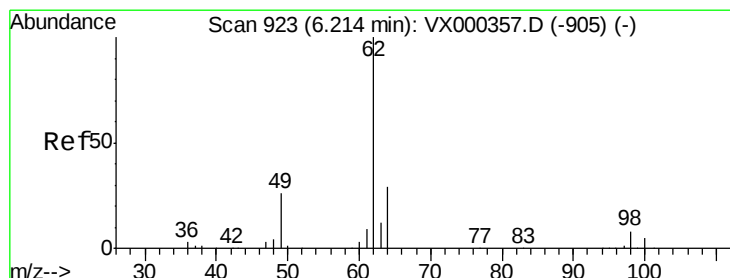
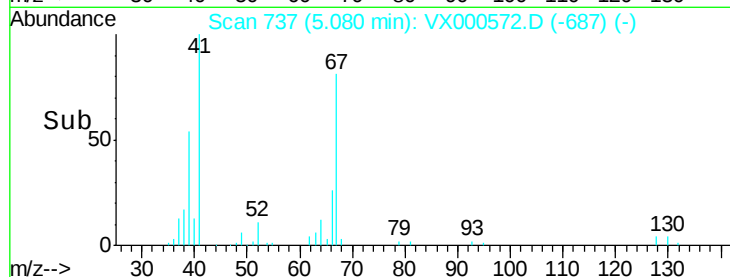
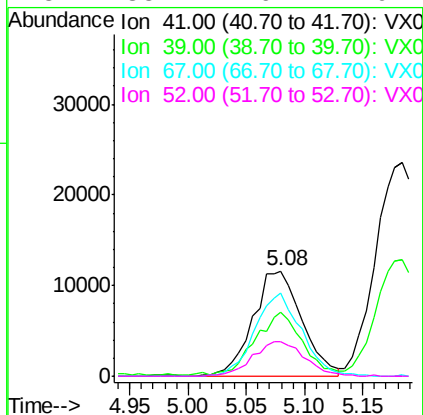
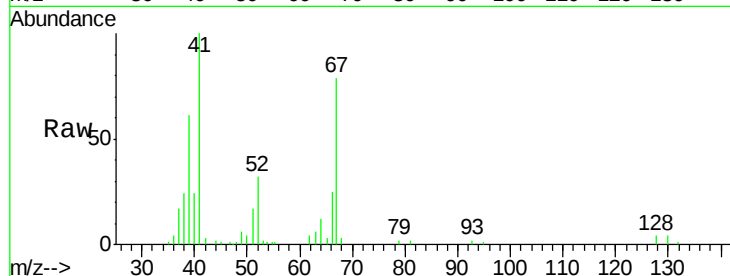




#41
Methacrylonitrile
Concen: 17.96 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX000572.D
Acq: 30 Mar 2018 20:30

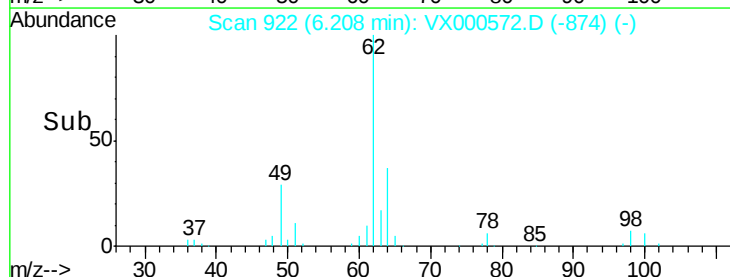
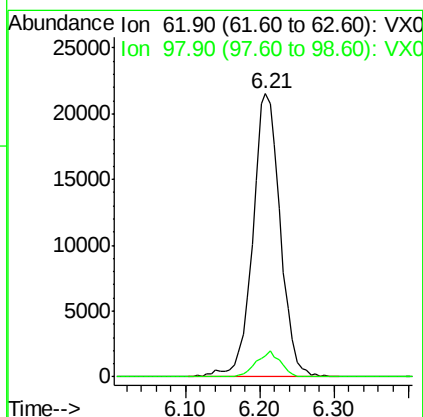
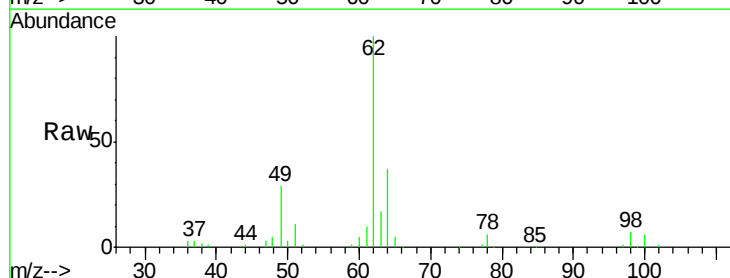
Instrument :
MSVOA_X
ClientSampled :
VX0330WBSD01

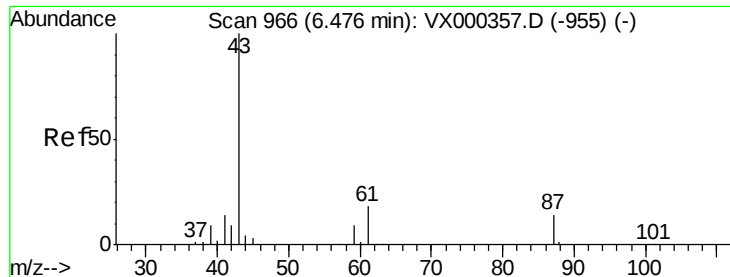
Tgt Ion:	41	Resp:	33793
Ion	Ratio	Lower	Upper
41	100		
39	58.0	45.7	68.5
67	75.5	57.8	86.8
52	35.1	26.7	40.1



#42
1,2-Dichloroethane
Concen: 18.68 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000572.D
Acq: 30 Mar 2018 20:30

Tgt Ion:	62	Resp:	55611
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	15.8

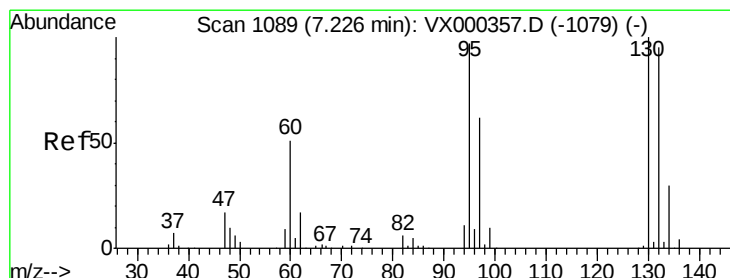
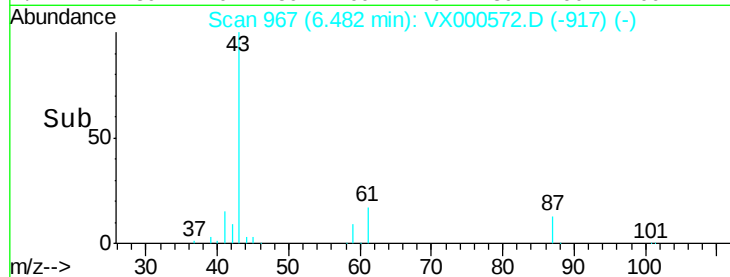
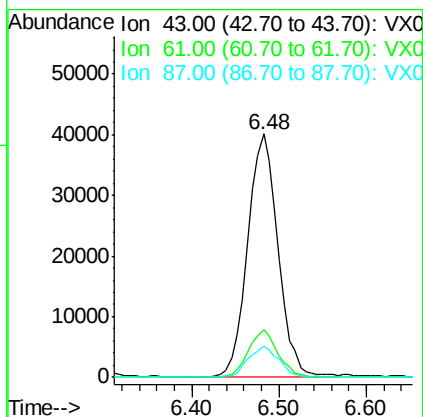
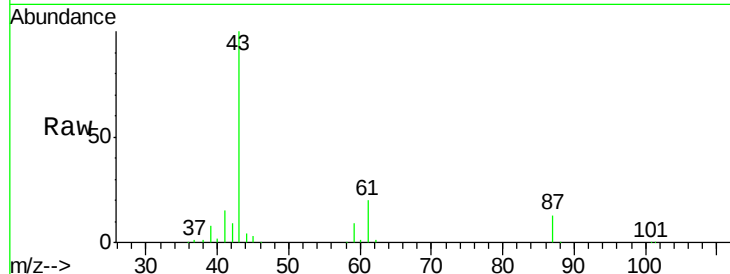




#43
Isopropyl Acetate
Concen: 18.29 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX000572.D
Acq: 30 Mar 2018 20:30

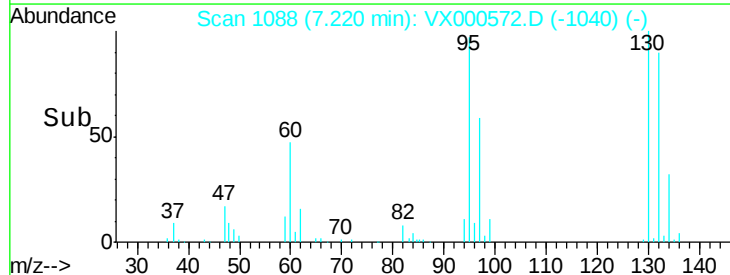
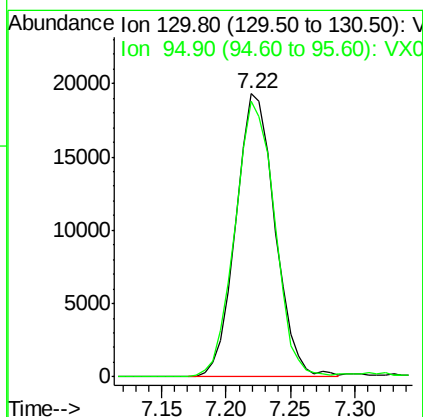
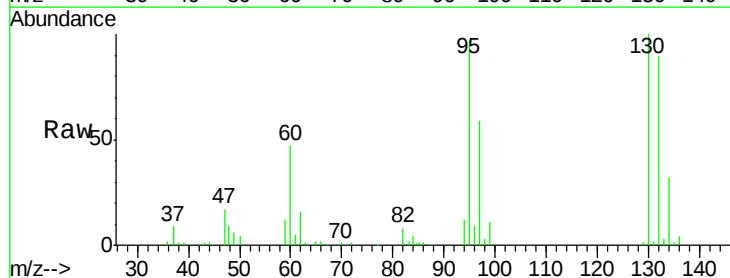
Instrument :
MSVOA_X
ClientSampleId :
VX0330WBSD01

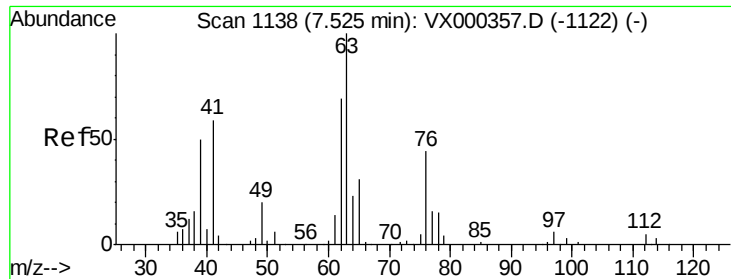
Tgt Ion: 43 Resp: 97179
Ion Ratio Lower Upper
43 100
61 18.8 14.4 21.6
87 12.8 11.0 16.4



#44
Trichloroethene
Concen: 18.71 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VX000572.D
Acq: 30 Mar 2018 20:30

Tgt Ion: 130 Resp: 40659
Ion Ratio Lower Upper
130 100
95 97.3 0.0 186.0

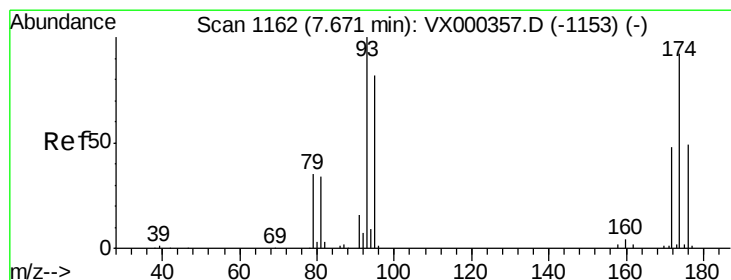
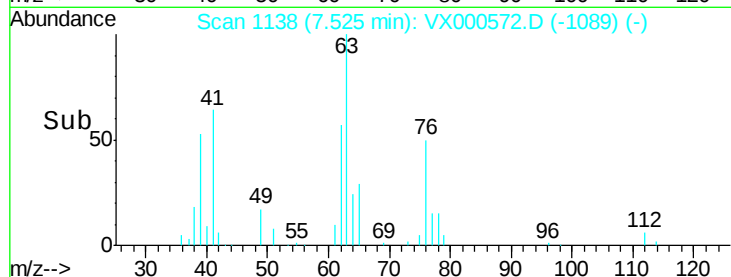
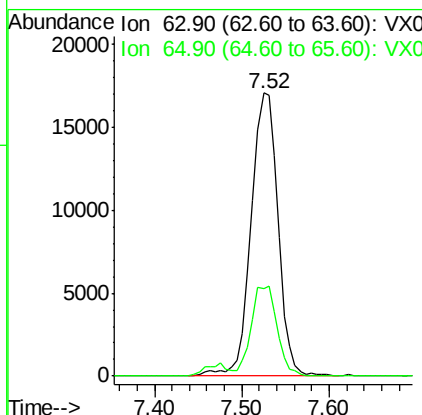
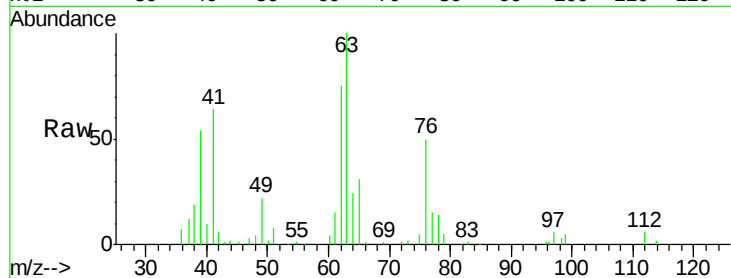




#45
 1,2-Dichloropropane
 Concen: 18.81 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000572.D
 Acq: 30 Mar 2018 20:30

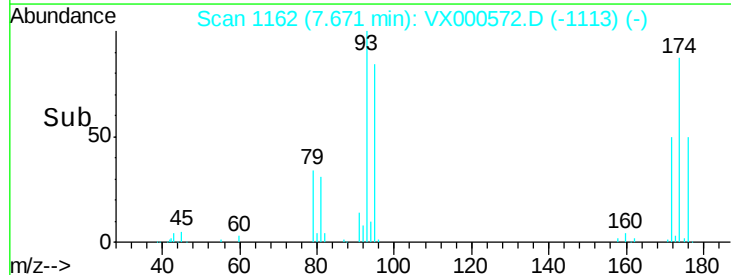
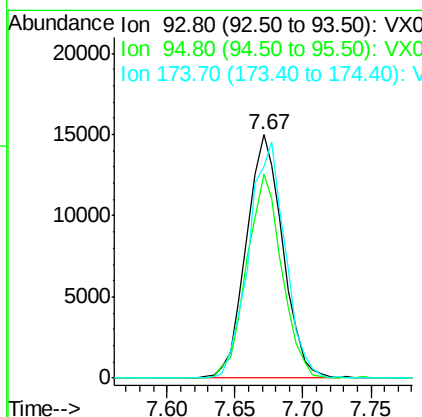
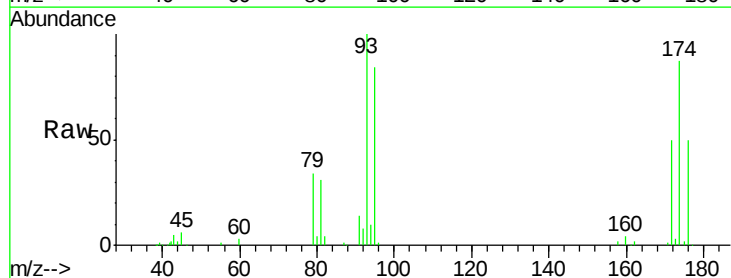
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBSD01

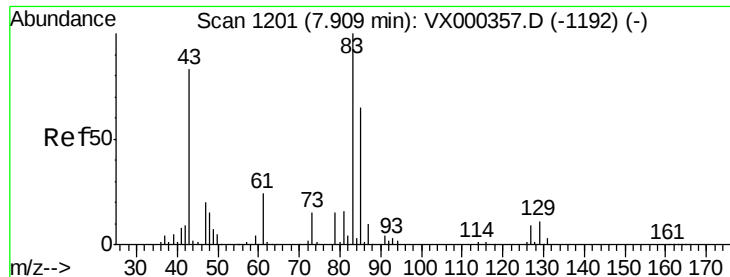
Tgt Ion: 63 Resp: 36536
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.6 36.8



#46
 Dibromomethane
 Concen: 18.50 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000572.D
 Acq: 30 Mar 2018 20:30

Tgt Ion: 93 Resp: 28202
 Ion Ratio Lower Upper
 93 100
 95 80.5 66.5 99.7
 174 96.7 76.0 114.0





#47

Bromodichloromethane

Concen: 18.76 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

Instrument :

MSVOA_X

ClientSampled :

VX0330WBSD01

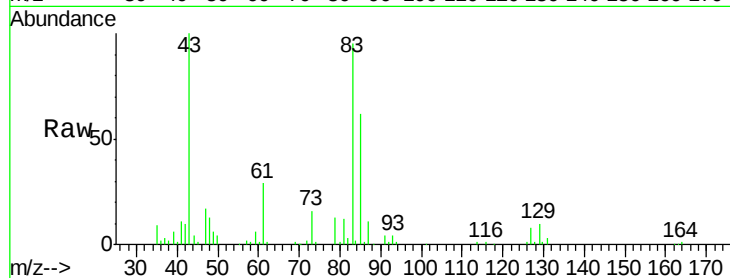
Tgt Ion: 83 Resp: 50317

Ion Ratio Lower Upper

83 100

85 64.6 51.4 77.0

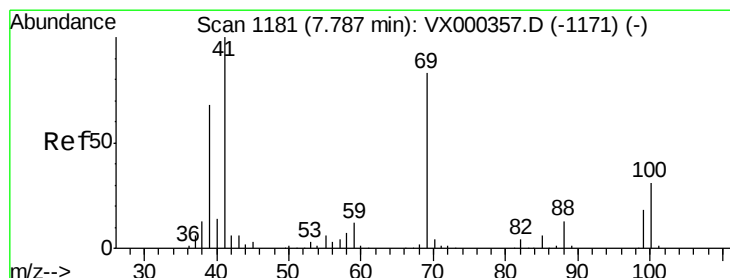
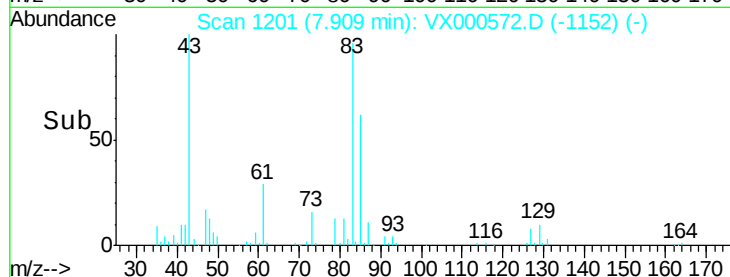
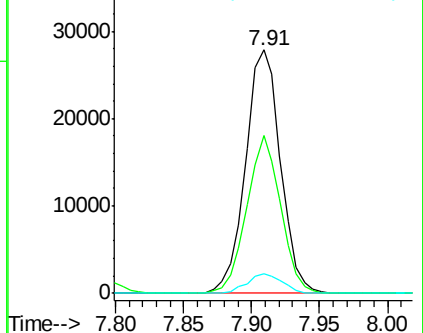
127 7.9 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.93 ug/l

RT: 7.79 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

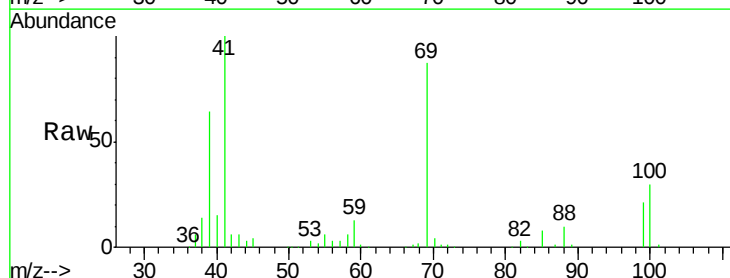
Tgt Ion: 41 Resp: 48826

Ion Ratio Lower Upper

41 100

69 85.0 68.2 102.4

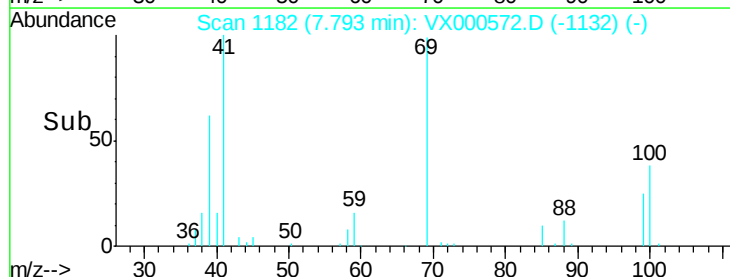
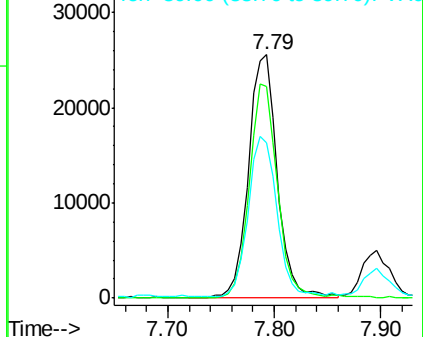
39 65.1 54.6 81.8

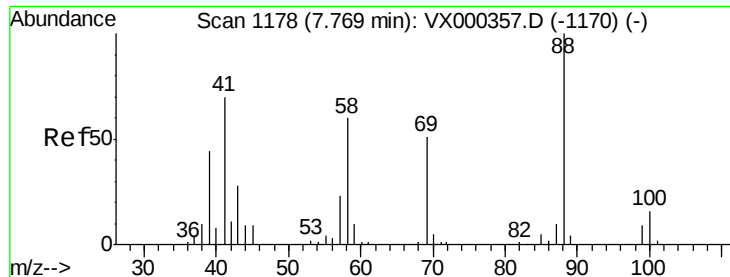


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

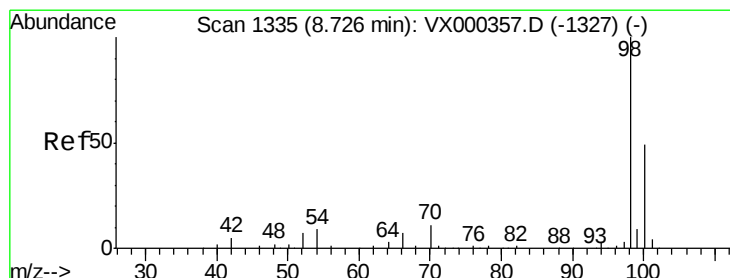
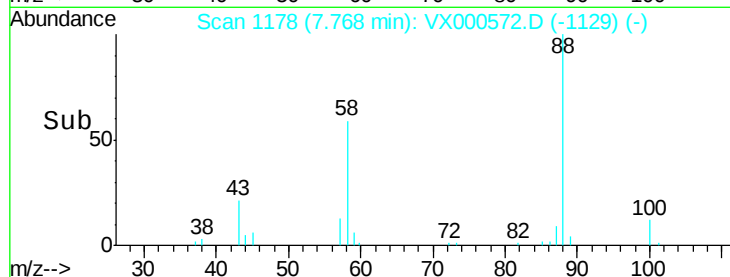
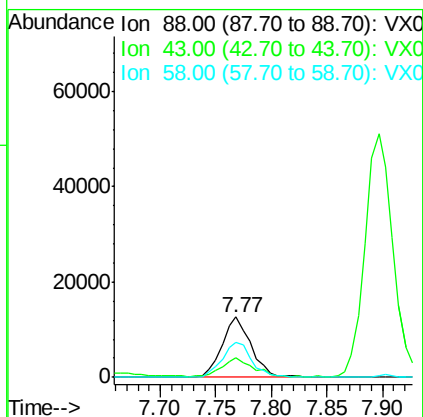
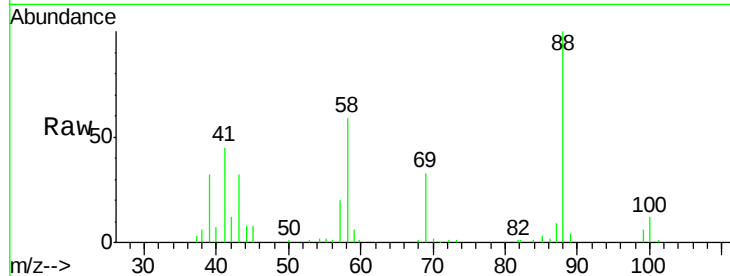




#49
1,4-Dioxane
Concen: 421.26 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000572.D
Acq: 30 Mar 2018 20:30

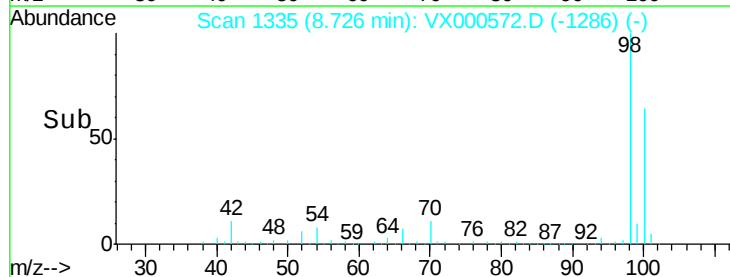
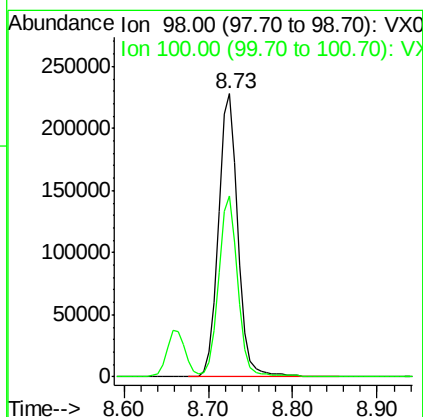
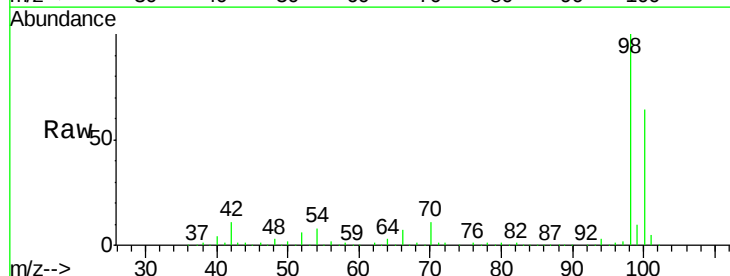
Instrument :
MSVOA_X
ClientSampleId :
VX0330WBSD01

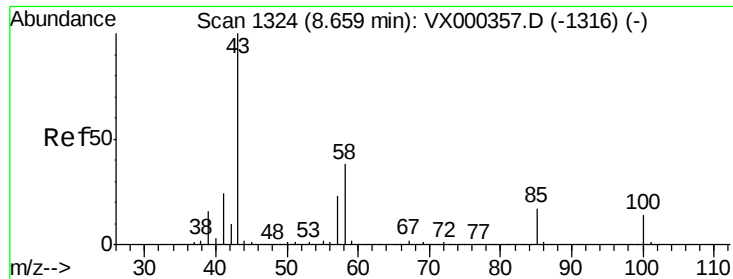
Tgt Ion: 88 Resp: 22836
Ion Ratio Lower Upper
88 100
43 33.7 26.8 40.2
58 59.8 52.2 78.2



#50
Toluene-d8
Concen: 50.04 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000572.D
Acq: 30 Mar 2018 20:30

Tgt Ion: 98 Resp: 364194
Ion Ratio Lower Upper
98 100
100 63.5 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 92.81 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

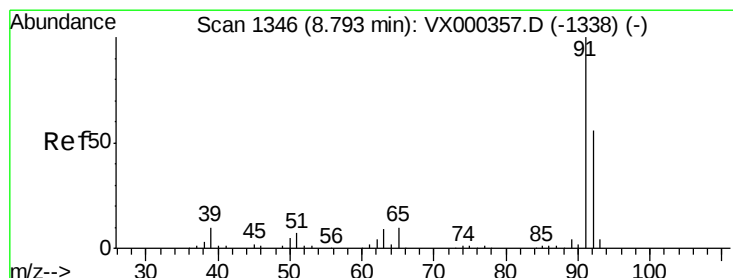
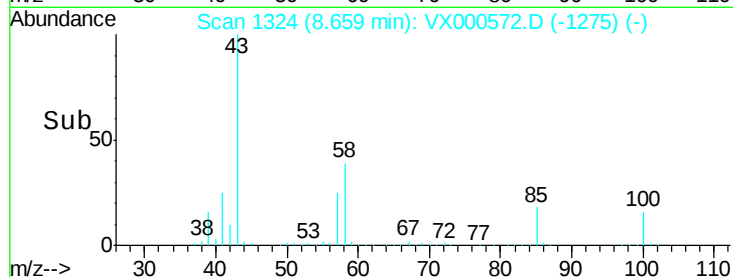
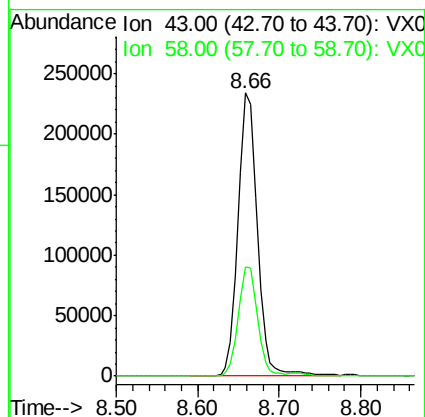
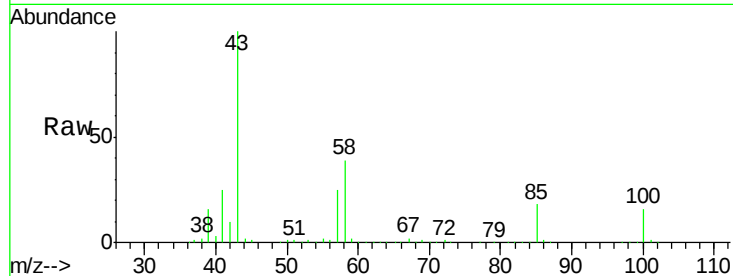
VX0330WBSD01

Tgt Ion: 43 Resp: 381614

Ion Ratio Lower Upper

43 100

58 38.0 30.3 45.5



#52

Toluene

Concen: 19.27 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000572.D

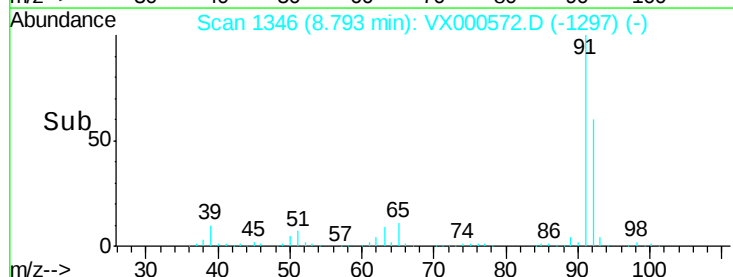
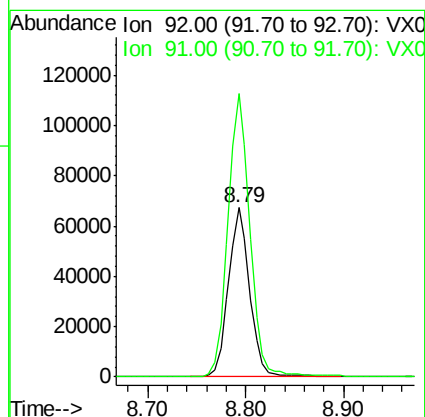
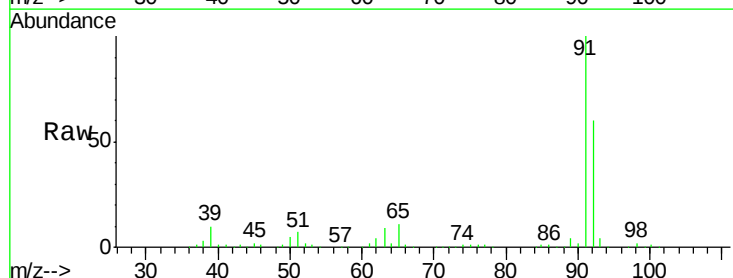
Acq: 30 Mar 2018 20:30

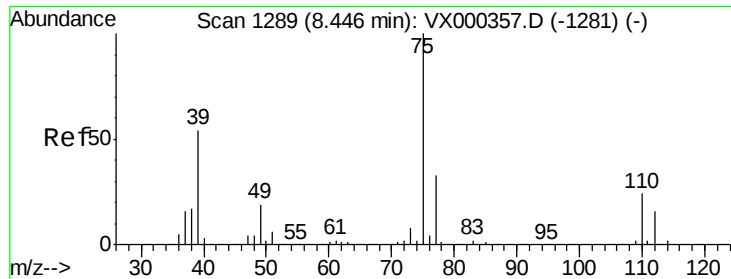
Tgt Ion: 92 Resp: 102221

Ion Ratio Lower Upper

92 100

91 171.2 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 19.04 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

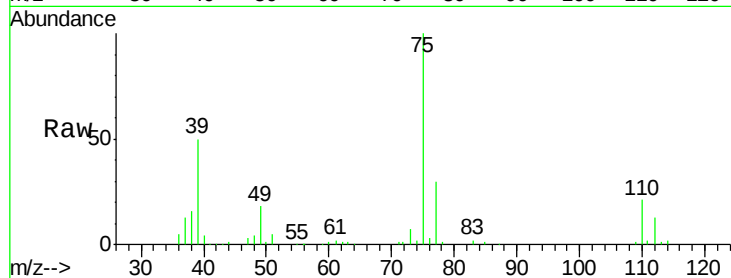
VX0330WBSD01

Tgt Ion: 75 Resp: 59181

Ion Ratio Lower Upper

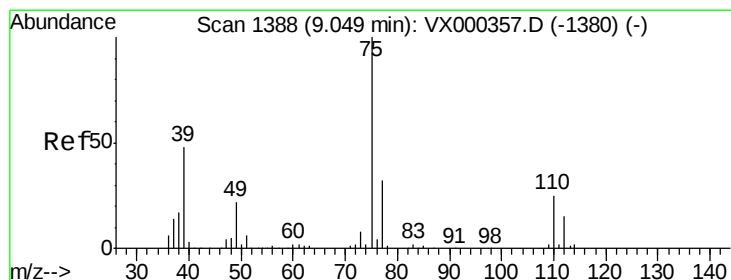
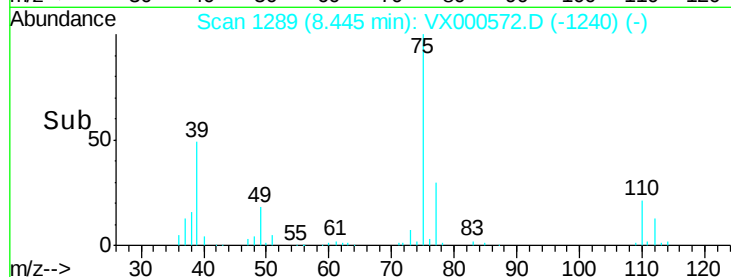
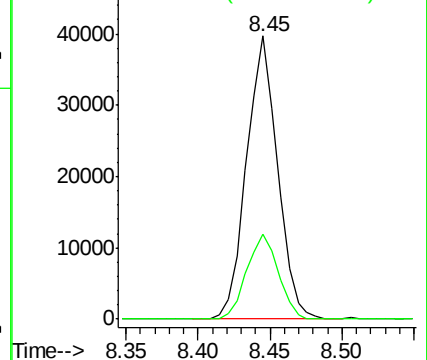
75 100

77 30.1 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.62 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

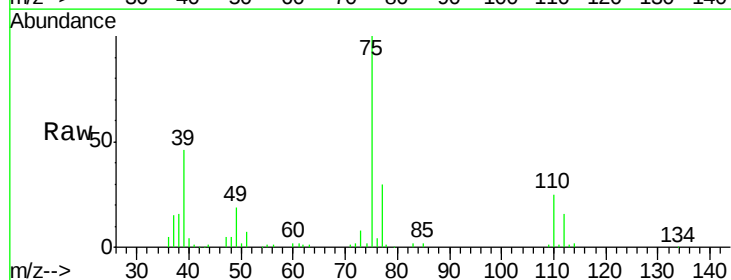
Tgt Ion: 75 Resp: 56145

Ion Ratio Lower Upper

75 100

77 30.3 26.1 39.1

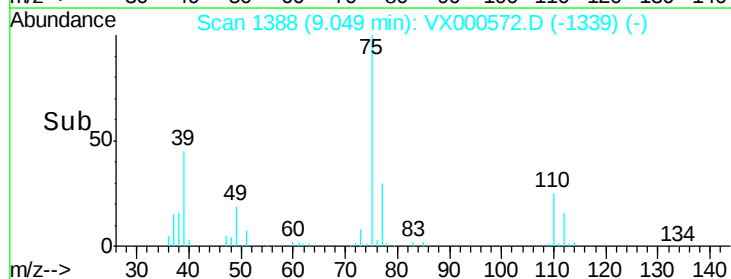
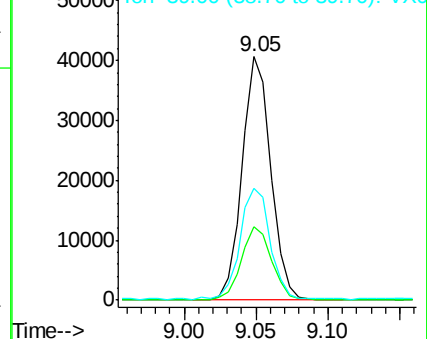
39 45.5 39.8 59.6

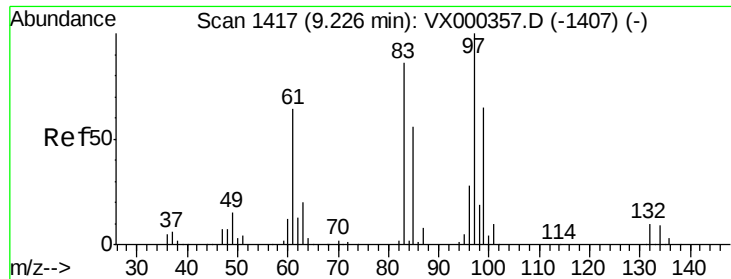


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 18.69 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. -0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

VX0330WBSD01

Tgt Ion: 97 Resp: 40765

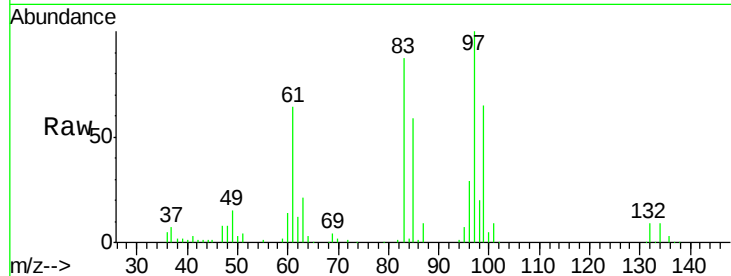
Ion Ratio Lower Upper

97 100

83 87.3 67.9 101.9

85 59.3 42.8 64.2

99 65.2 49.4 74.2

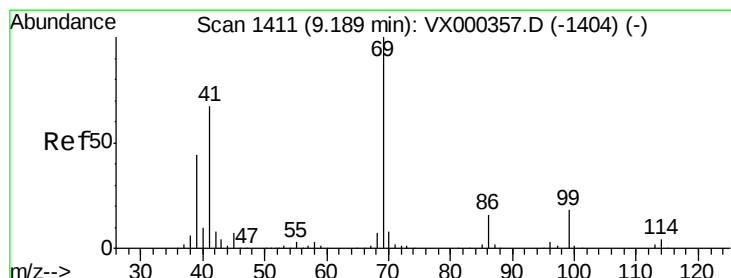
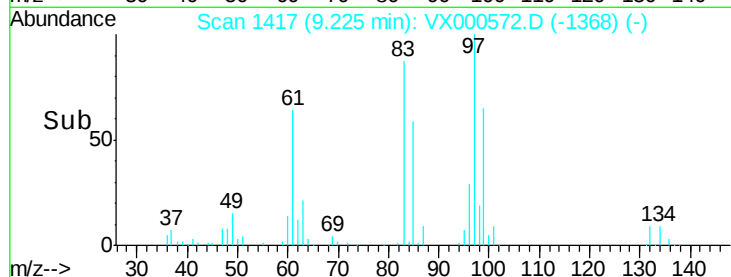
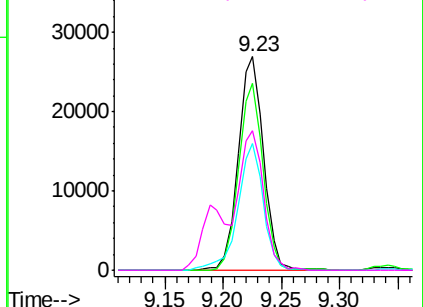


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.10 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

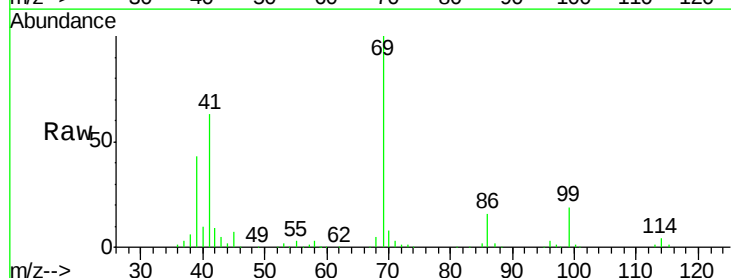
Tgt Ion: 69 Resp: 63122

Ion Ratio Lower Upper

69 100

41 63.6 53.0 79.6

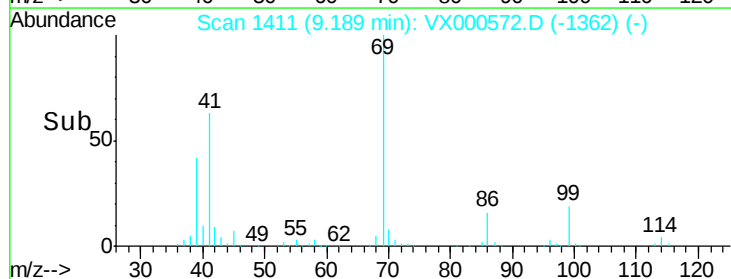
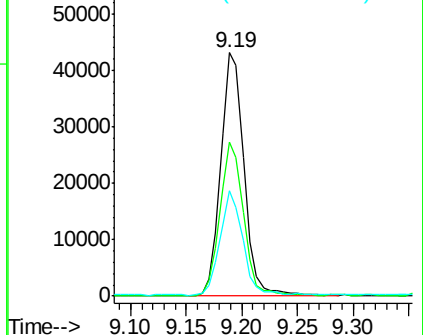
39 41.4 35.3 52.9

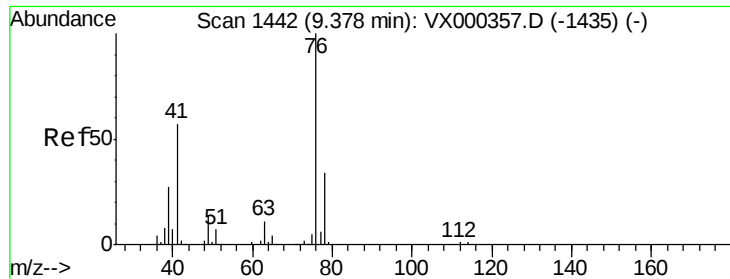


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

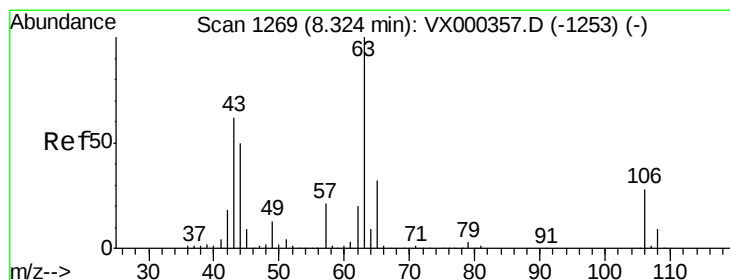
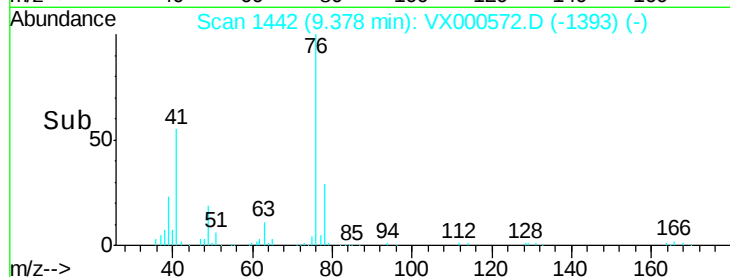
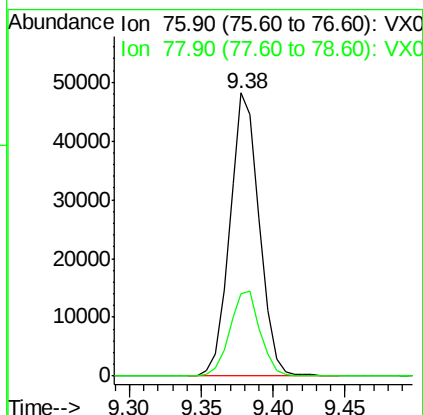
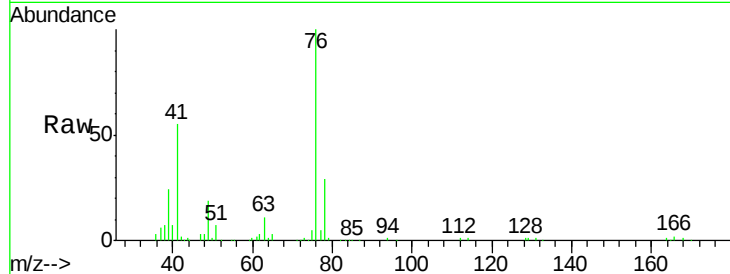




#57
 1,3-Dichloropropane
 Concen: 19.65 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000572.D
 Acq: 30 Mar 2018 20:30

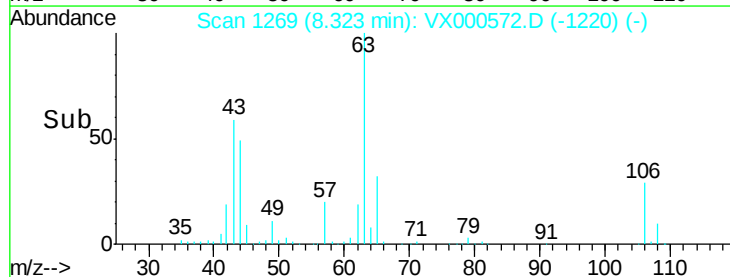
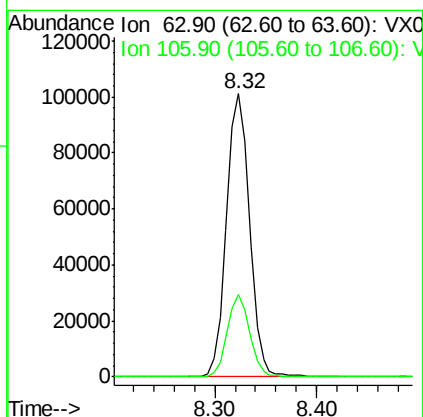
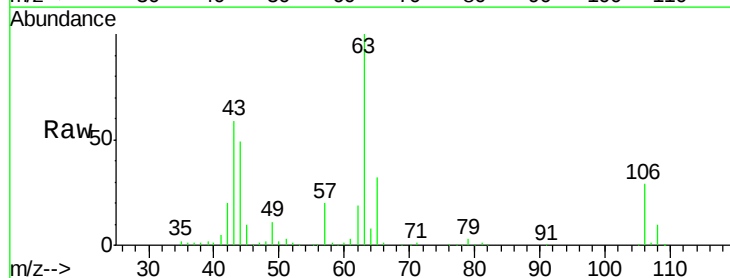
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBSD01

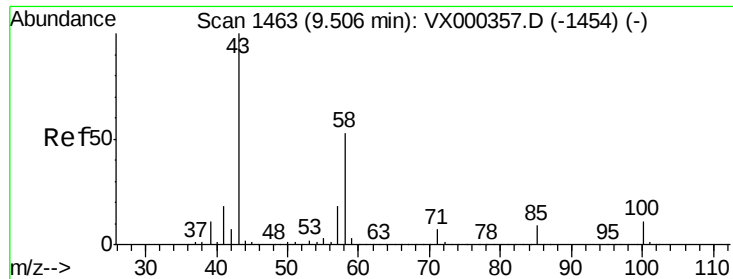
Tgt Ion: 76 Resp: 68568
 Ion Ratio Lower Upper
 76 100
 78 30.9 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.96 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000572.D
 Acq: 30 Mar 2018 20:30

Tgt Ion: 63 Resp: 158566
 Ion Ratio Lower Upper
 63 100
 106 28.1 23.2 34.8

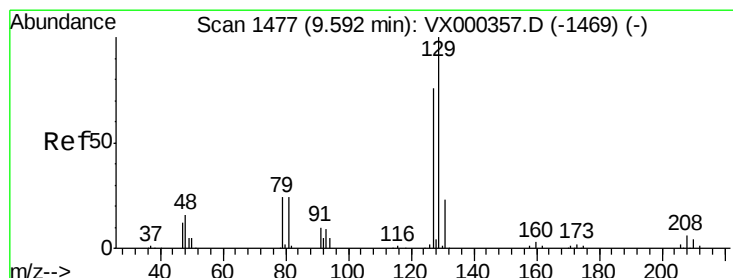
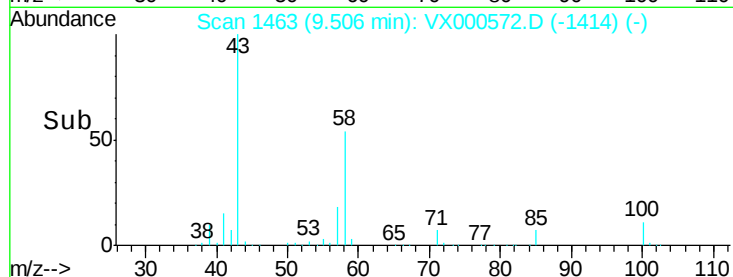
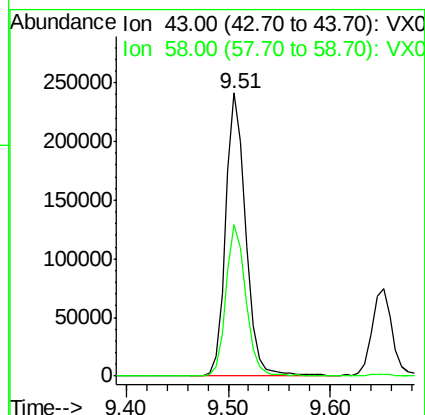
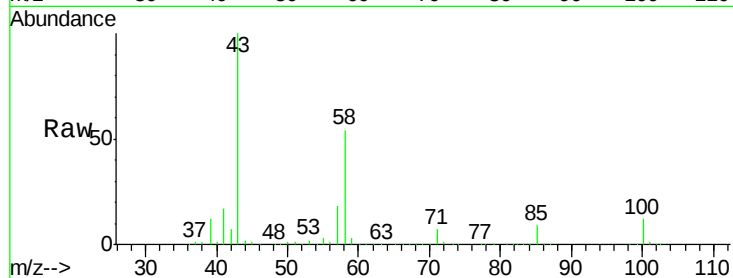




#59
2-Hexanone
Concen: 94.94 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000572.D
Acq: 30 Mar 2018 20:30

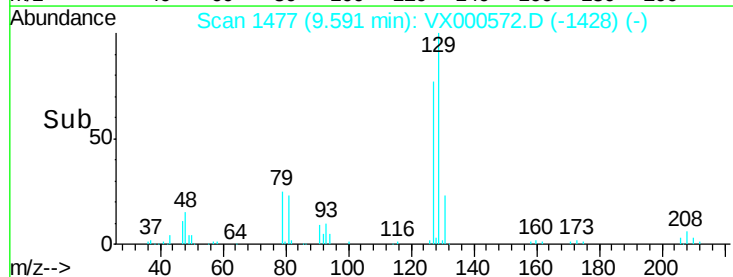
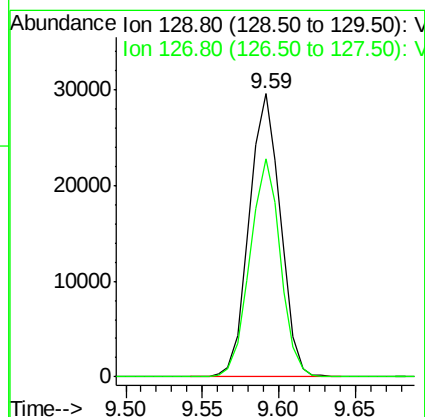
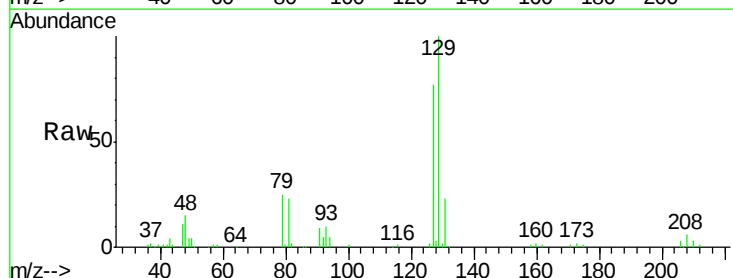
Instrument :
MSVOA_X
ClientSampled :
VX0330WBSD01

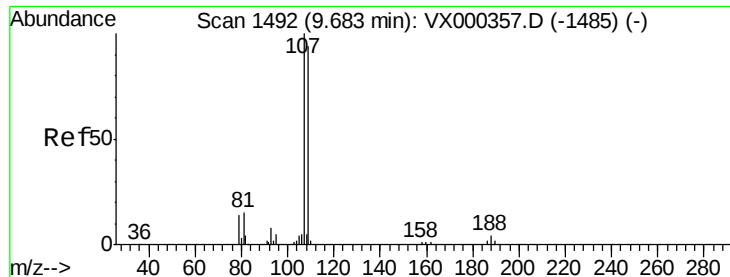
Tgt Ion: 43 Resp: 331473
Ion Ratio Lower Upper
43 100
58 53.1 26.6 79.7



#60
Dibromochloromethane
Concen: 19.05 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000572.D
Acq: 30 Mar 2018 20:30

Tgt Ion: 129 Resp: 42006
Ion Ratio Lower Upper
129 100
127 75.3 37.9 113.6





#61

1,2-Dibromoethane

Concen: 20.11 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

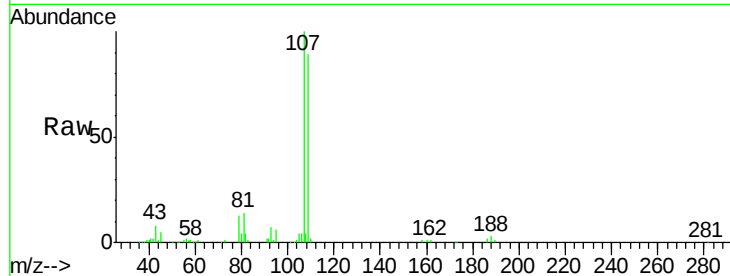
VX0330WBSD01

Tgt Ion: 107 Resp: 47046

Ion Ratio Lower Upper

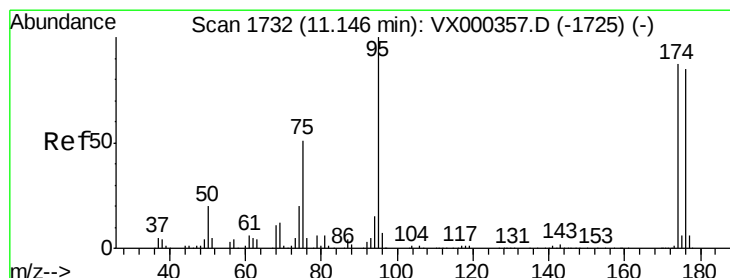
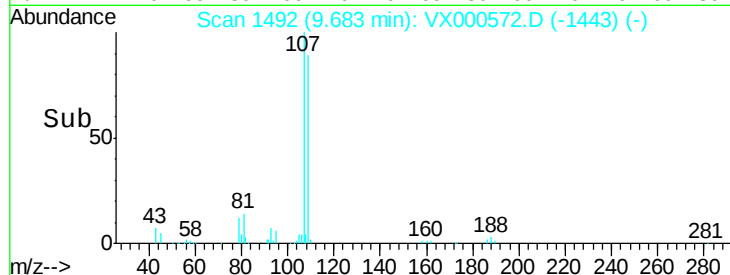
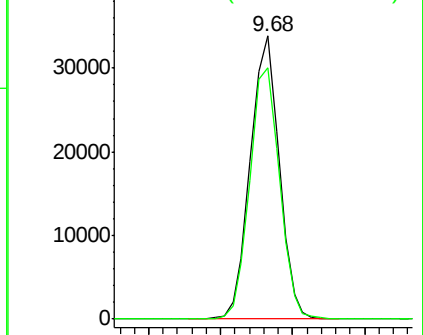
107 100

109 91.4 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.53 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

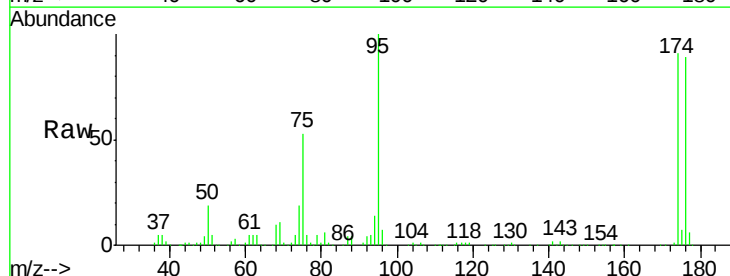
Tgt Ion: 95 Resp: 141627

Ion Ratio Lower Upper

95 100

174 88.4 0.0 173.6

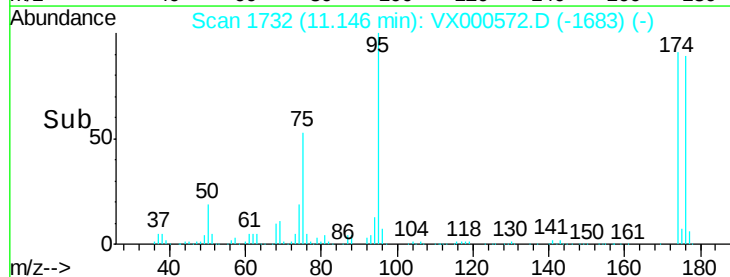
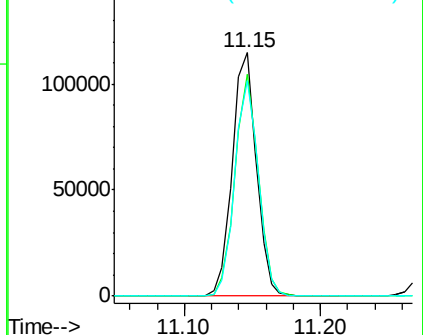
176 87.3 0.0 164.6

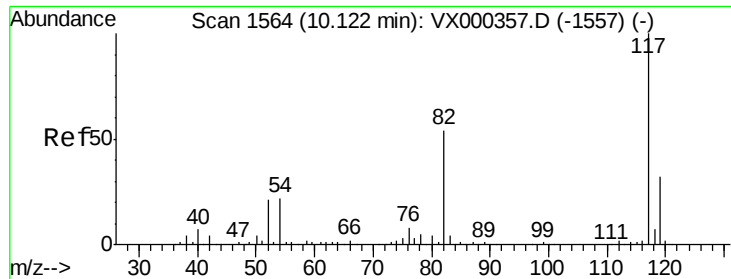


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

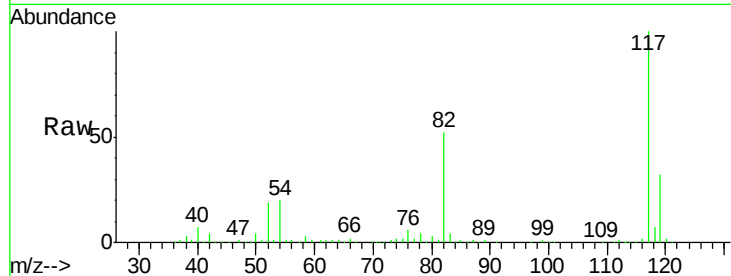




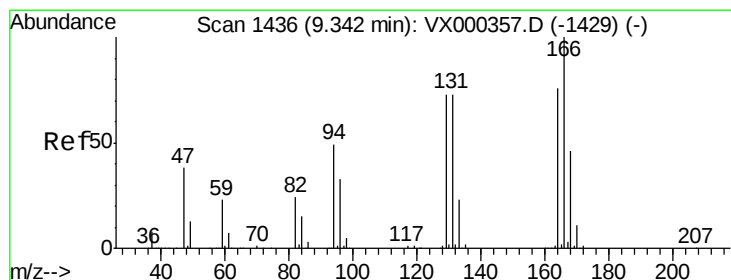
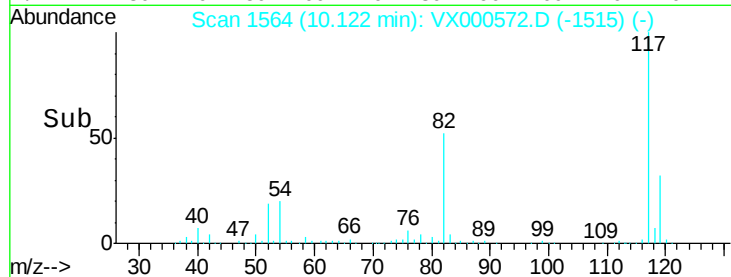
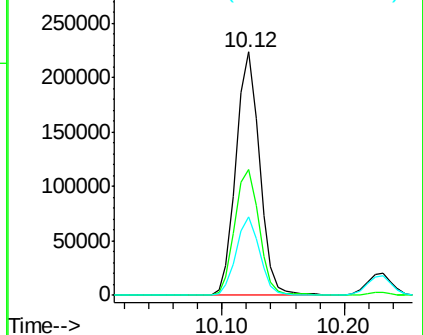
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000572.D
Acq: 30 Mar 2018 20:30

Instrument :
MSVOA_X
ClientSampleId :
VX0330WBSD01

Tgt Ion:117 Resp: 298931
Ion Ratio Lower Upper
117 100
82 51.9 43.8 65.8
119 32.3 24.9 37.3



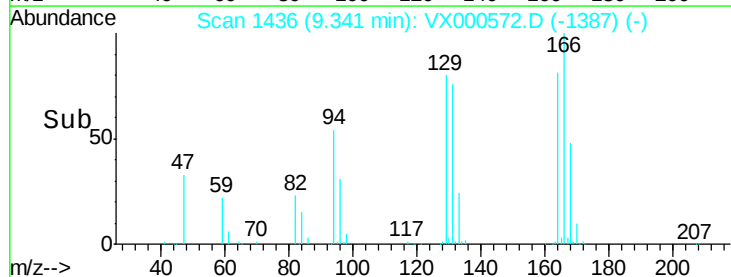
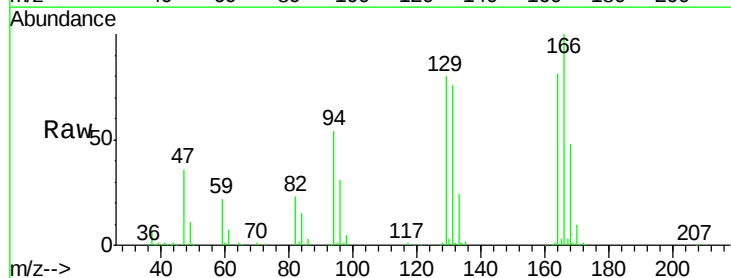
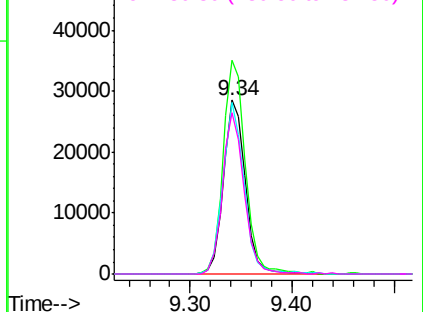
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

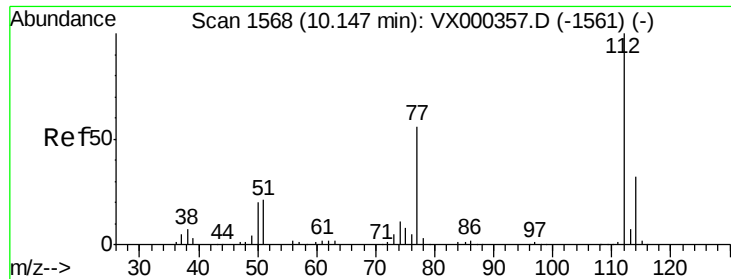


#64
Tetrachloroethene
Concen: 18.20 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000572.D
Acq: 30 Mar 2018 20:30

Tgt Ion:164 Resp: 42229
Ion Ratio Lower Upper
164 100
166 122.8 101.0 151.6
129 98.3 79.0 118.4
131 93.0 71.9 107.9

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: 18.08 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

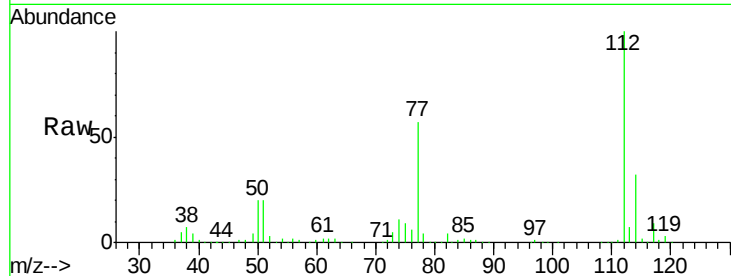
VX0330WBSD01

Tgt Ion:112 Resp: 120284

Ion Ratio Lower Upper

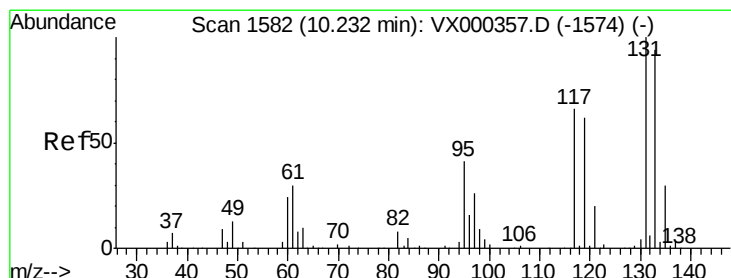
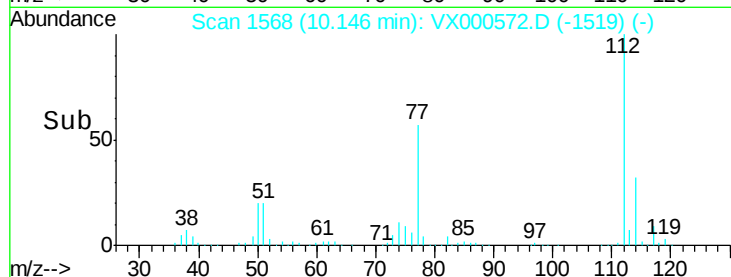
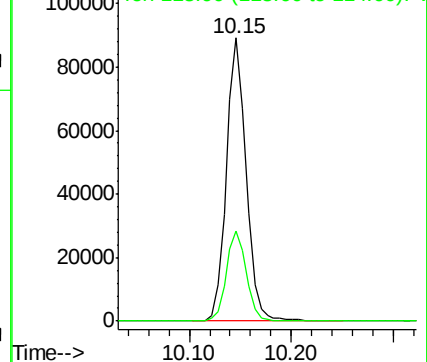
112 100

114 31.7 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.04 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

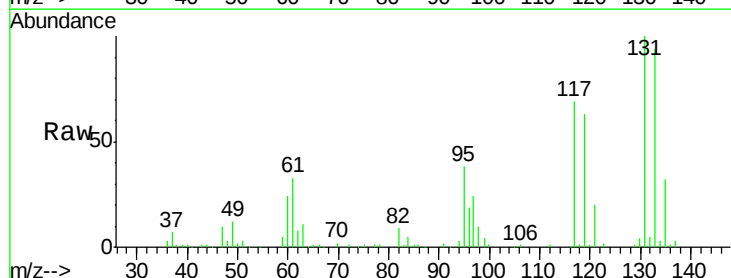
Tgt Ion:131 Resp: 40749

Ion Ratio Lower Upper

131 100

133 95.2 47.1 141.3

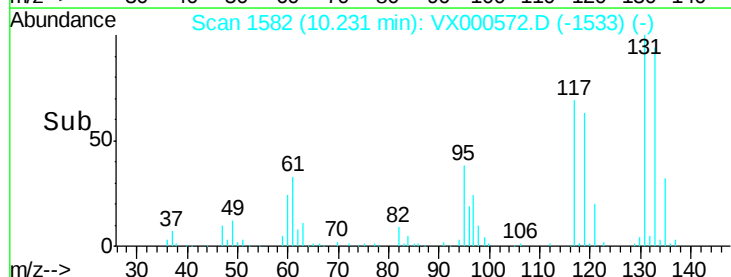
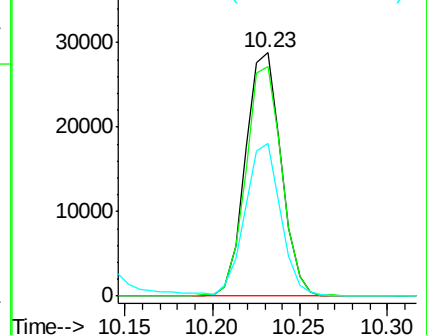
119 63.1 33.1 99.2

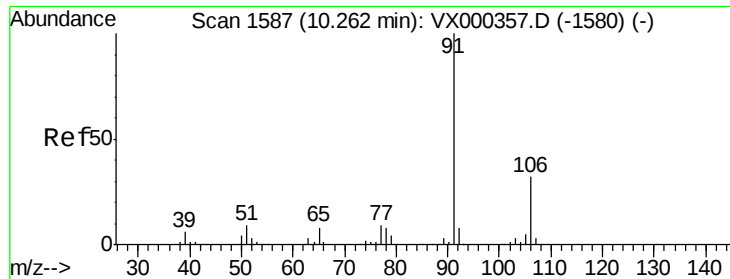


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

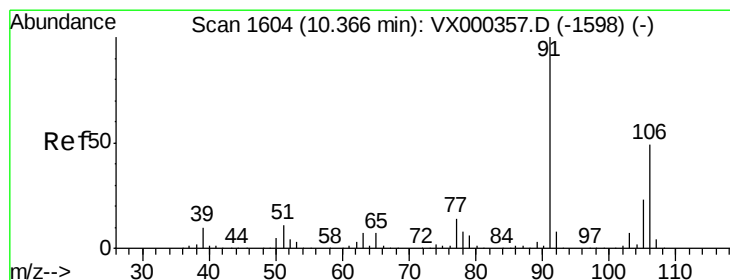
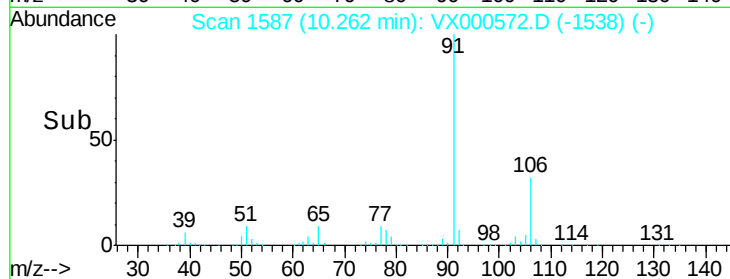
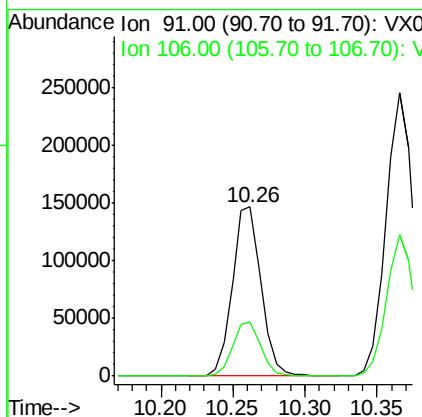
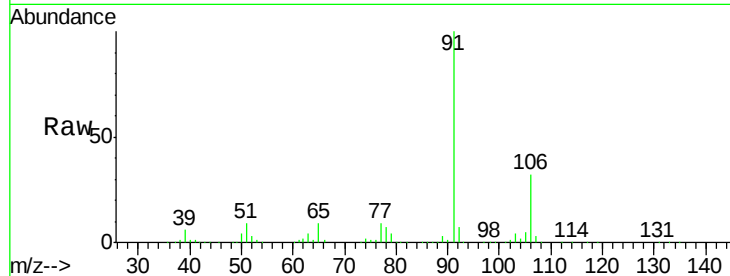




#67
Ethyl Benzene
Concen: 18.13 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000572.D
Acq: 30 Mar 2018 20:30

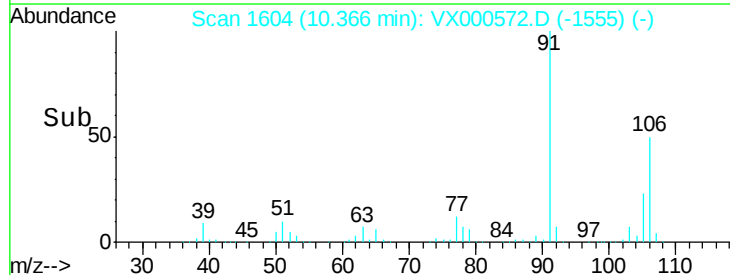
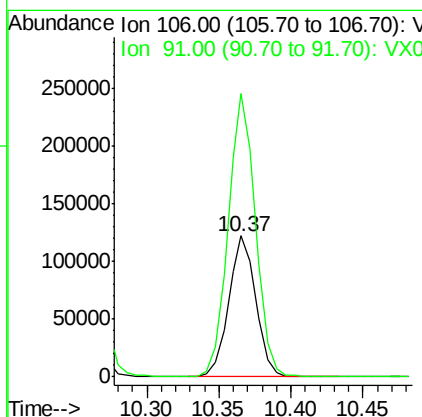
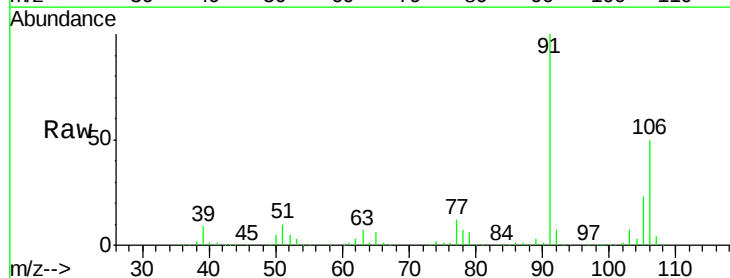
Instrument :
MSVOA_X
ClientSampleId :
VX0330WBSD01

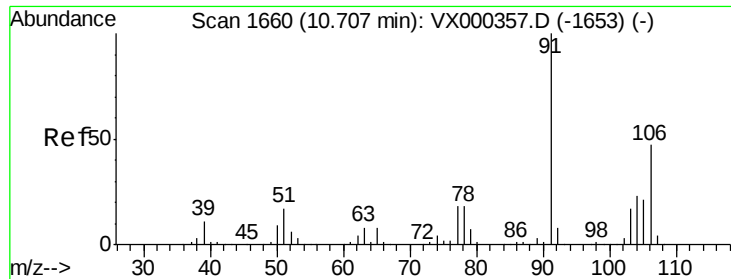
Tgt Ion: 91 Resp: 204495
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.6



#68
m/p-Xylenes
Concen: 36.24 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000572.D
Acq: 30 Mar 2018 20:30

Tgt Ion: 106 Resp: 160804
Ion Ratio Lower Upper
106 100
91 202.3 163.4 245.2

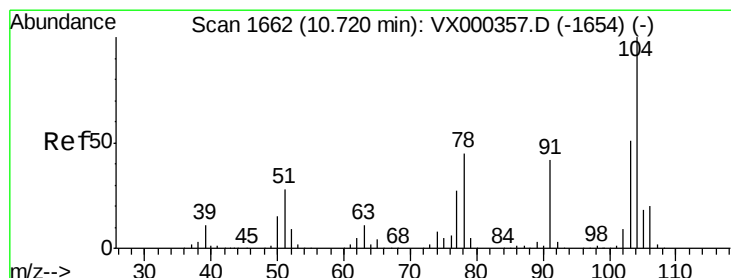
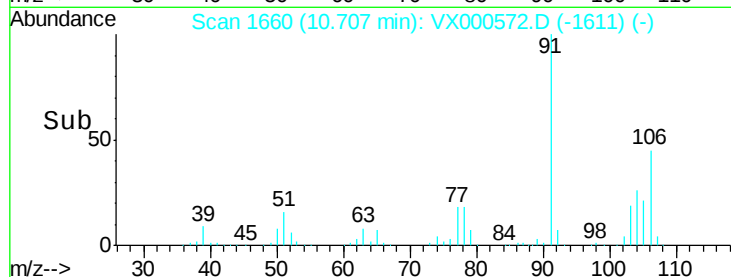
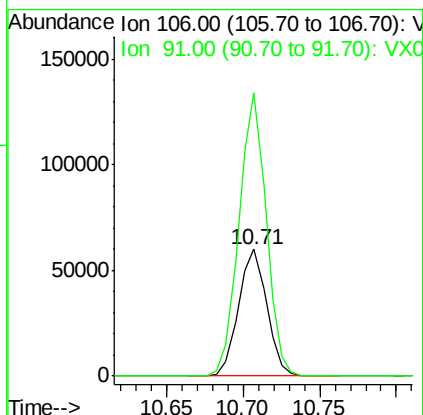
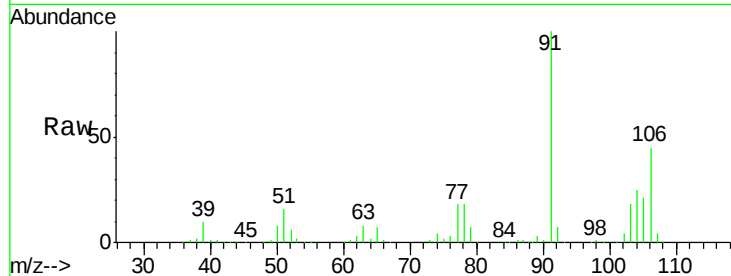




#69
o-Xylene
Concen: 17.89 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000572.D
Acq: 30 Mar 2018 20:30

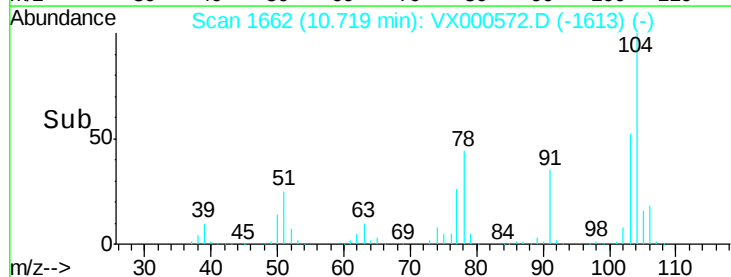
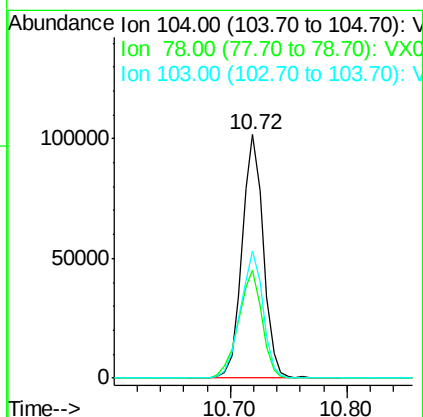
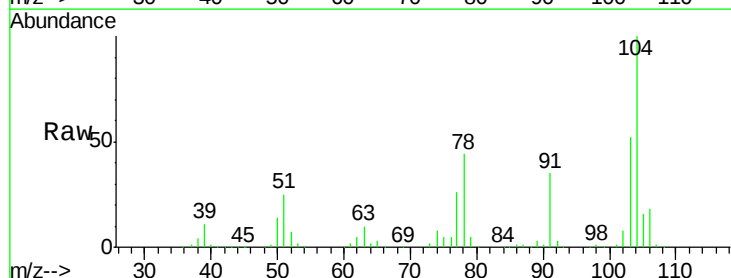
Instrument :
MSVOA_X
ClientSampleId :
VX0330WBSD01

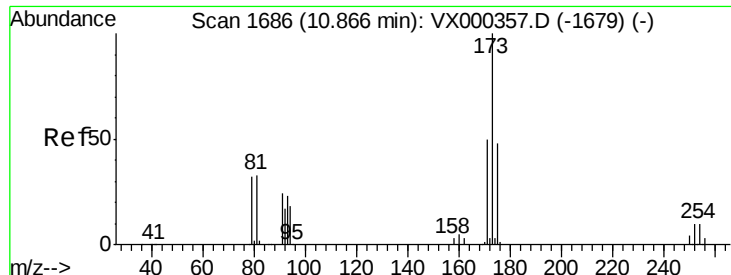
Tgt Ion:106 Resp: 76870
Ion Ratio Lower Upper
106 100
91 215.8 106.5 319.6



#70
Styrene
Concen: 18.27 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000572.D
Acq: 30 Mar 2018 20:30

Tgt Ion:104 Resp: 129878
Ion Ratio Lower Upper
104 100
78 49.0 40.5 60.7
103 56.0 45.7 68.5





#71

Bromoform

Concen: 17.14 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

VX0330WBSD01

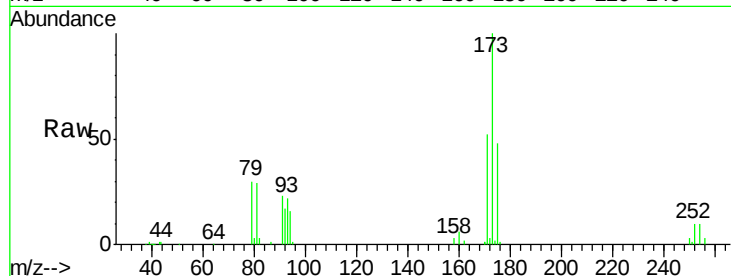
Tgt Ion:173 Resp: 32183

Ion Ratio Lower Upper

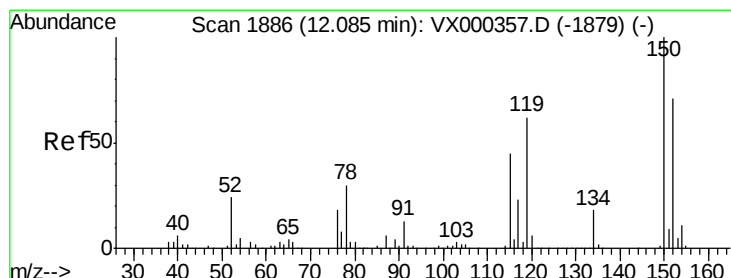
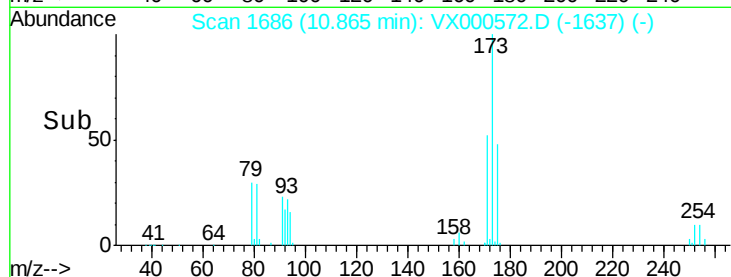
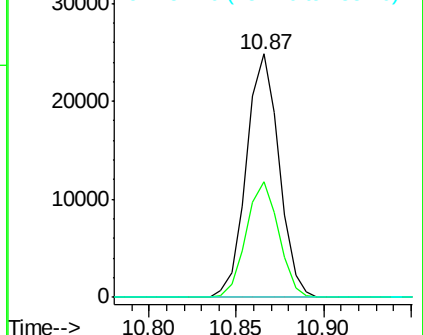
173 100

175 47.6 25.4 76.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

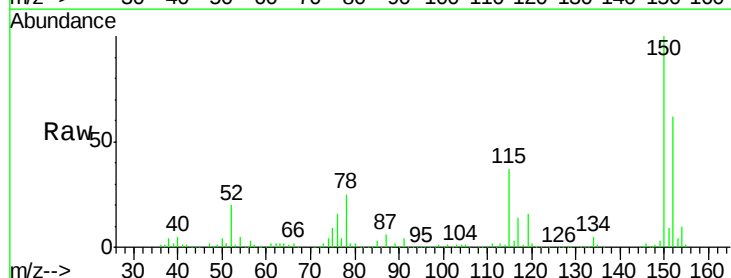
Tgt Ion:152 Resp: 177461

Ion Ratio Lower Upper

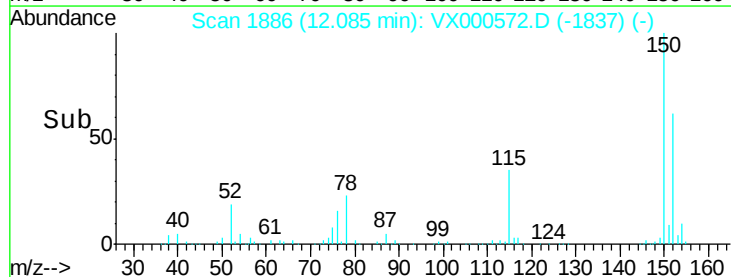
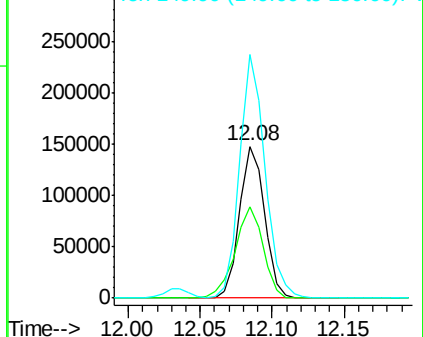
152 100

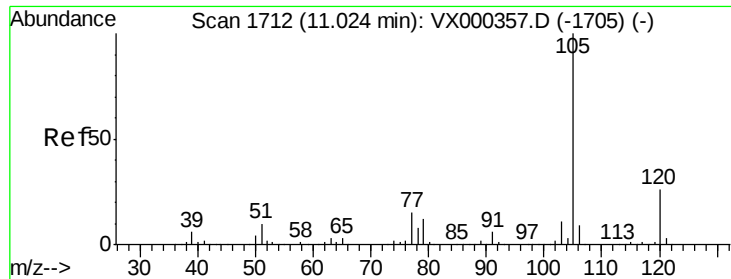
115 67.5 39.8 119.3

150 163.5 0.0 344.4



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





#73

Isopropylbenzene

Concen: 18.10 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

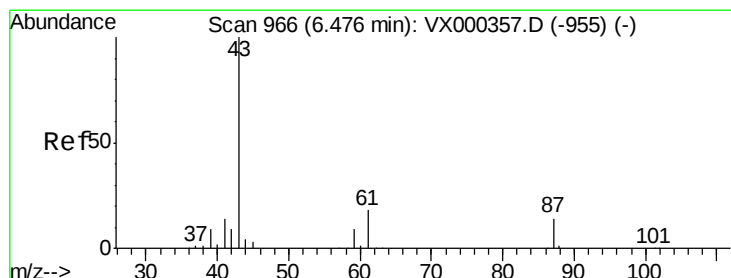
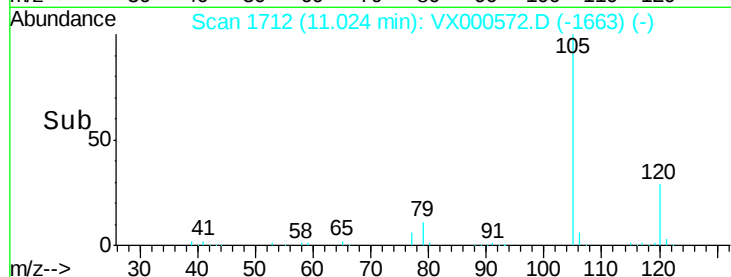
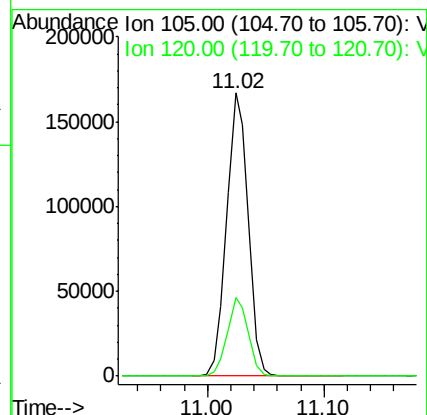
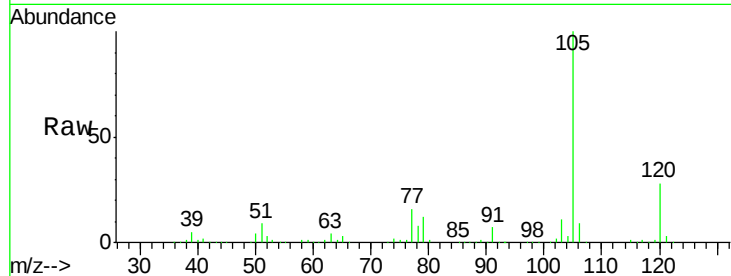
VX0330WBSD01

Tgt Ion:105 Resp: 212786

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7



#74

N-ethyl acetate

Concen: 16.77 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

Tgt Ion: 43 Resp: 97179

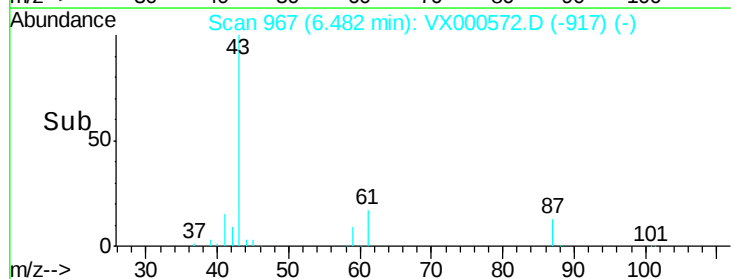
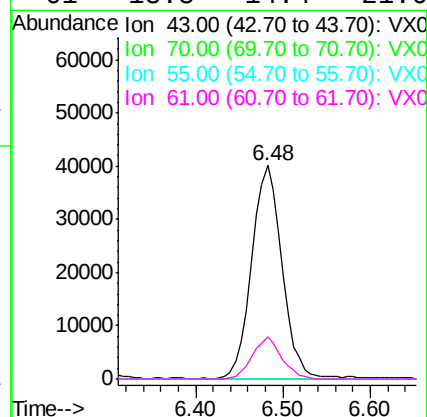
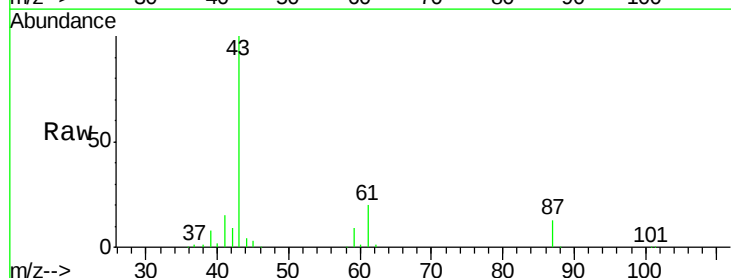
Ion Ratio Lower Upper

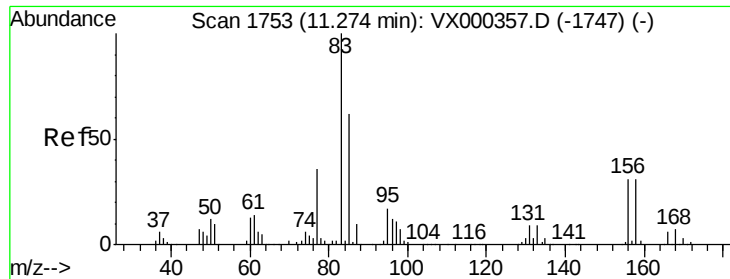
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.8 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.12 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

VX0330WBSD01

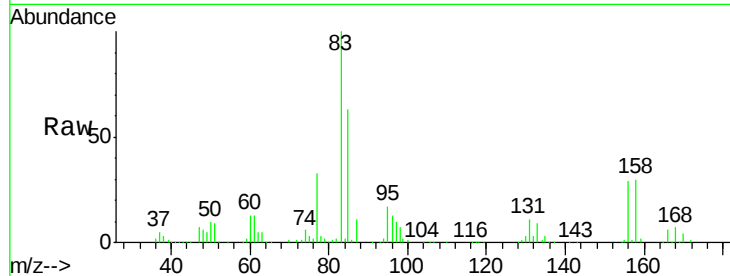
Tgt Ion: 83 Resp: 75351

Ion Ratio Lower Upper

83 100

131 10.6 5.0 14.9

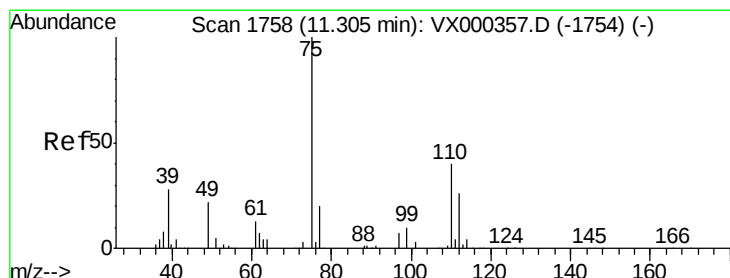
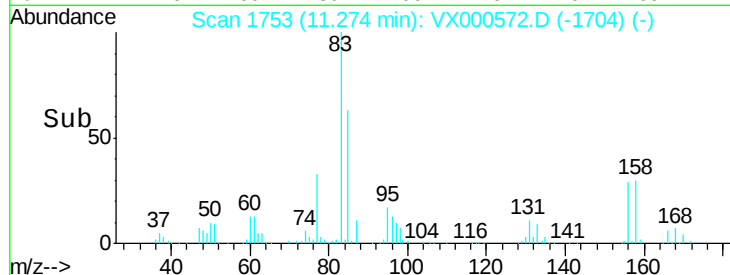
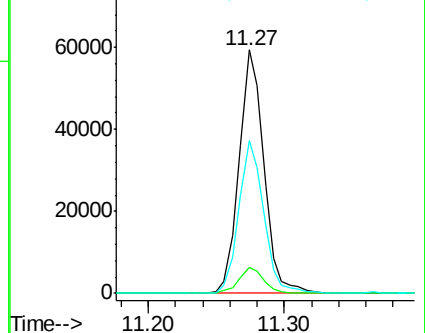
85 63.2 32.5 97.5



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: 21.93 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000572.D

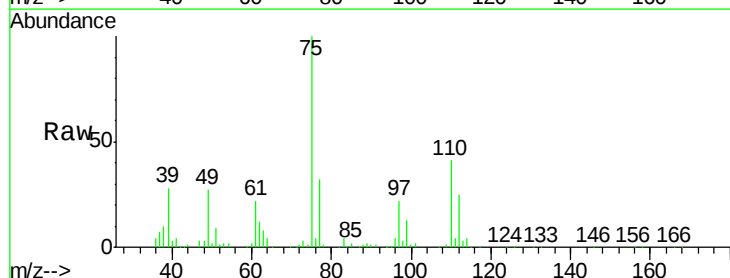
Acq: 30 Mar 2018 20:30

Tgt Ion: 75 Resp: 83628

Ion Ratio Lower Upper

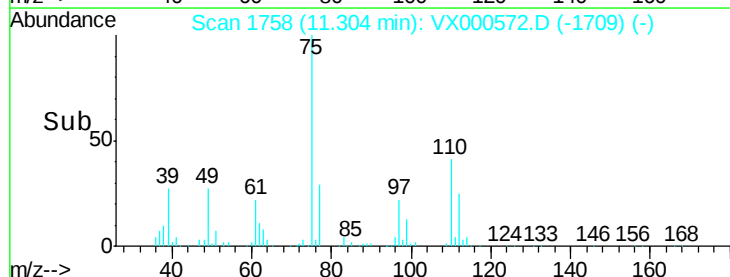
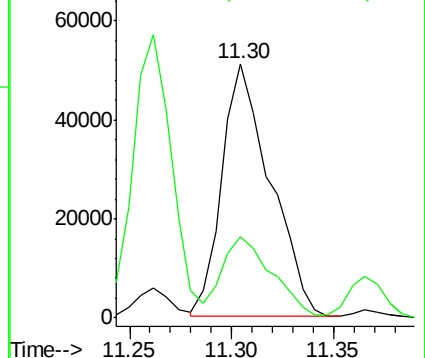
75 100

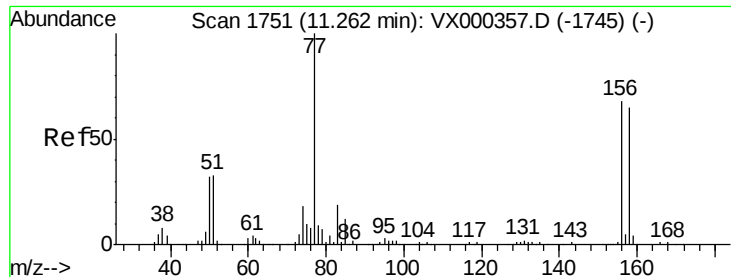
77 33.3 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.25 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

VX0330WBSD01

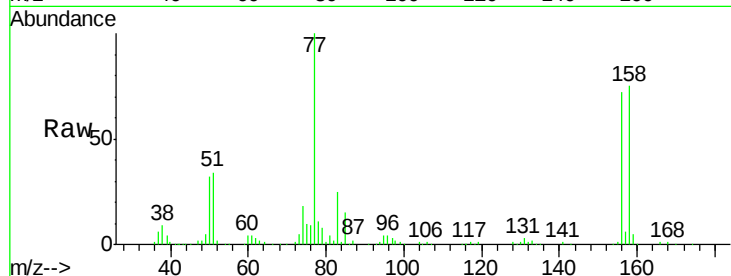
Tgt Ion:156 Resp: 54025

Ion Ratio Lower Upper

156 100

77 140.5 73.4 220.2

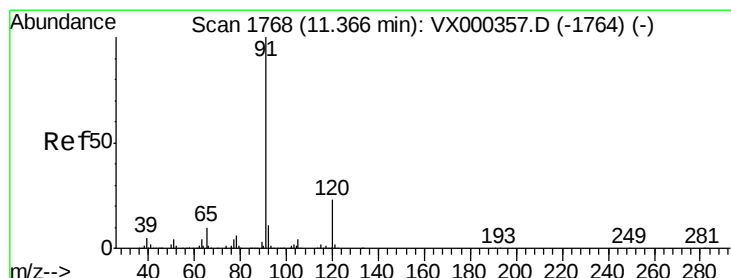
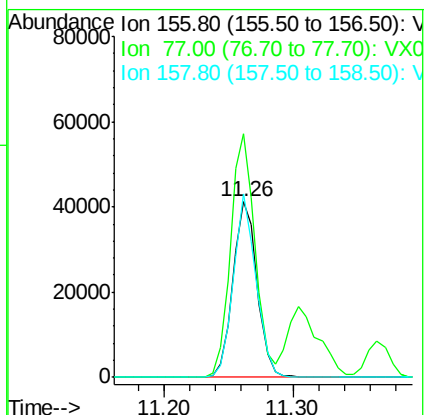
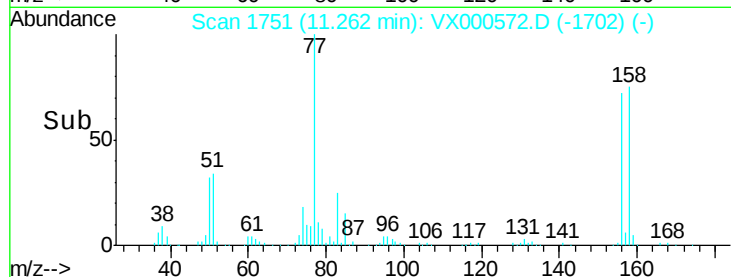
158 97.9 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.77 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000572.D

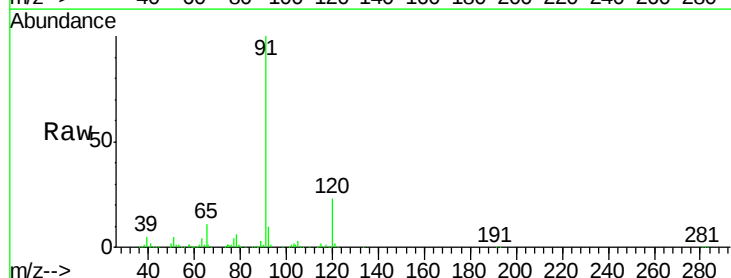
Acq: 30 Mar 2018 20:30

Tgt Ion: 91 Resp: 249071

Ion Ratio Lower Upper

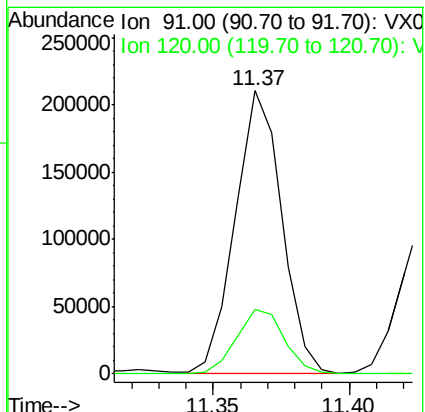
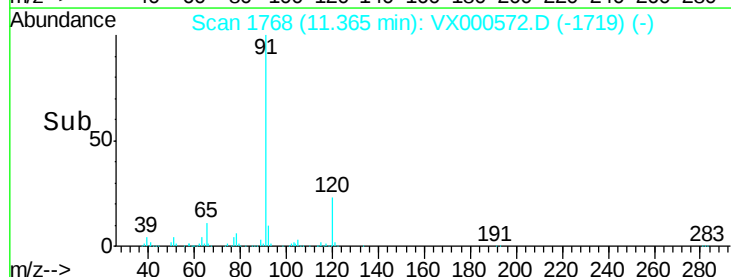
91 100

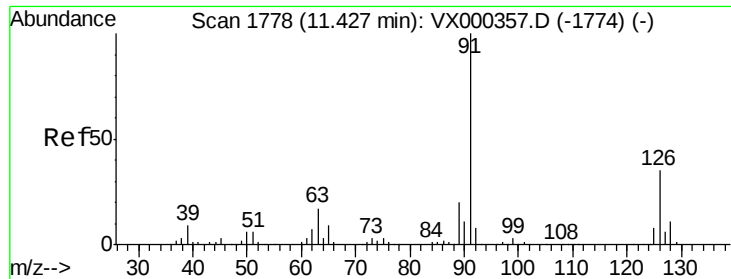
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

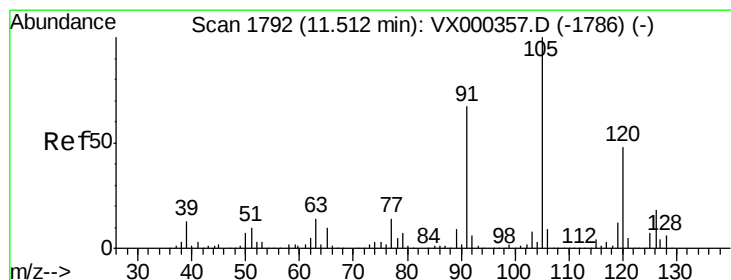
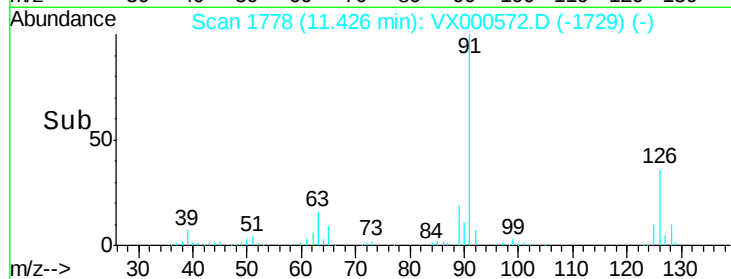
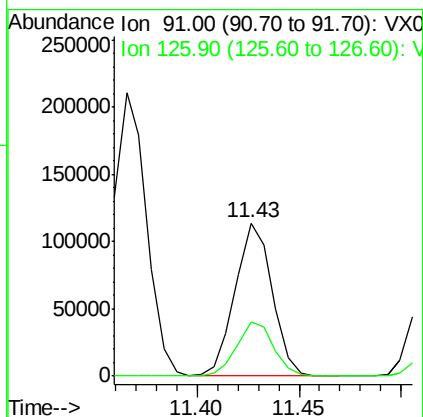
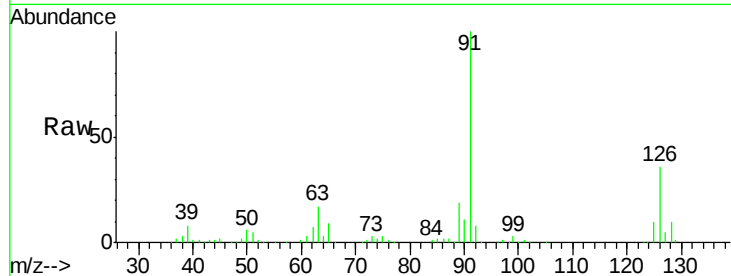




#79
 2-Chlorotoluene
 Concen: 17.71 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000572.D
 Acq: 30 Mar 2018 20:30

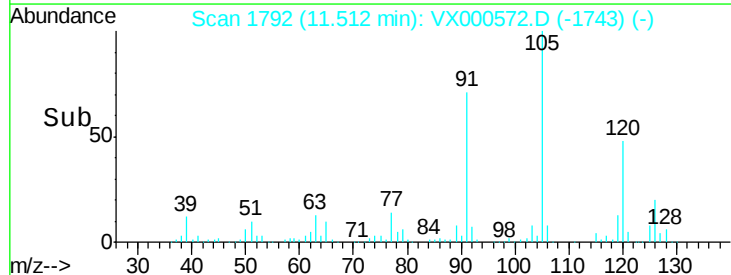
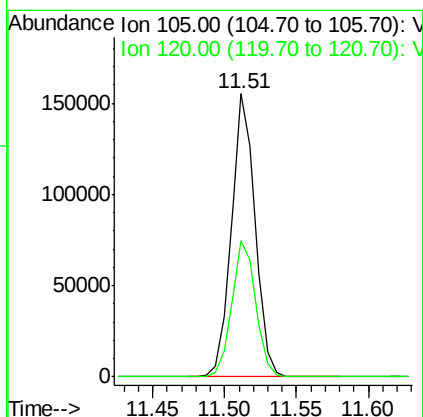
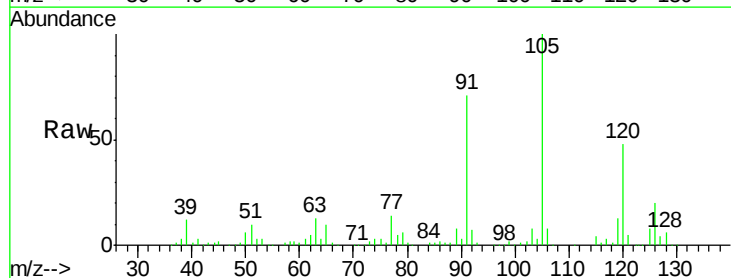
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBSD01

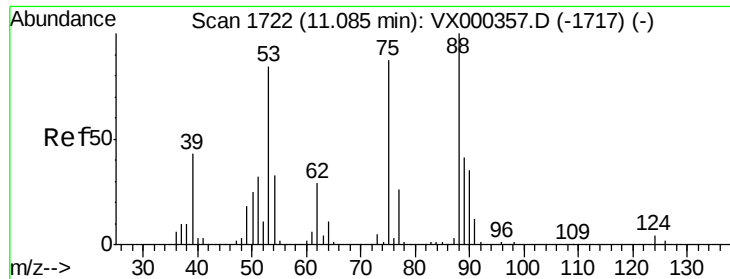
Tgt Ion: 91 Resp: 143424
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 18.13 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000572.D
 Acq: 30 Mar 2018 20:30

Tgt Ion: 105 Resp: 179224
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.1 72.4

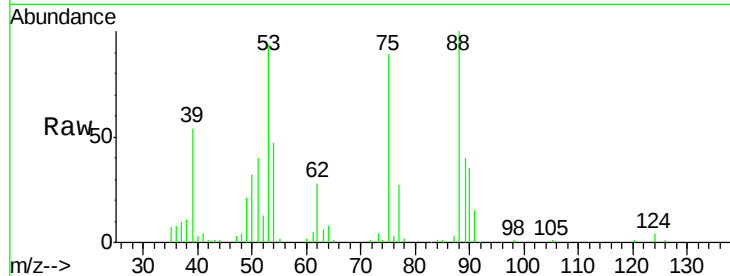




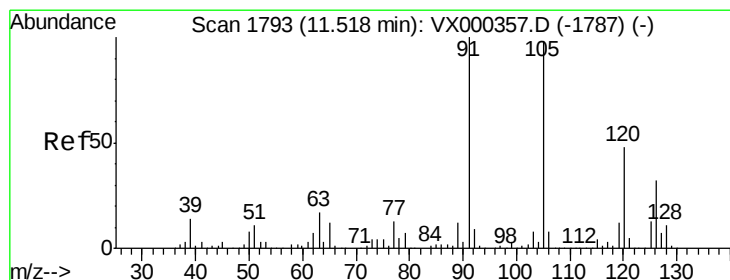
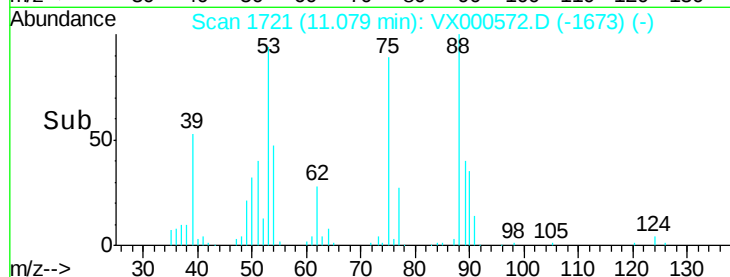
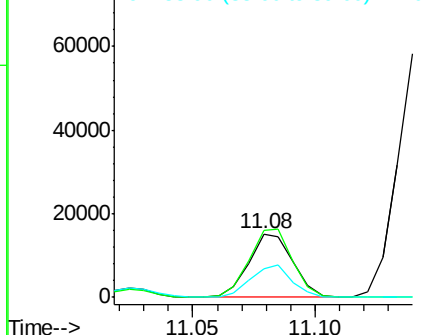
#81
trans-1,4-Dichloro-2-butene
Concen: 16.08 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.01 min
Lab File: VX000572.D
Acq: 30 Mar 2018 20:30

Instrument :
MSVOA_X
ClientSampleId :
VX0330WBSD01

Tgt Ion: 75 Resp: 18943
Ion Ratio Lower Upper
75 100
53 107.6 80.7 121.1
89 48.3 39.4 59.0

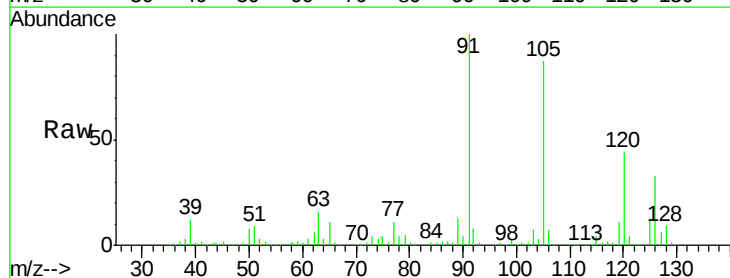


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

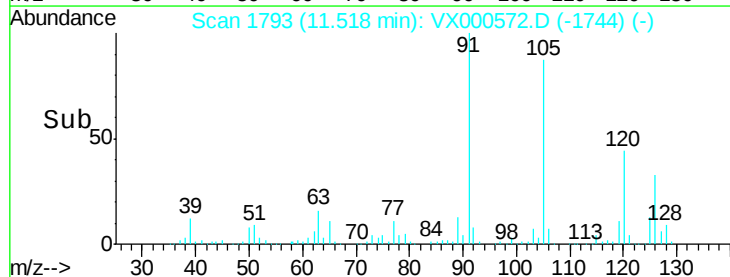
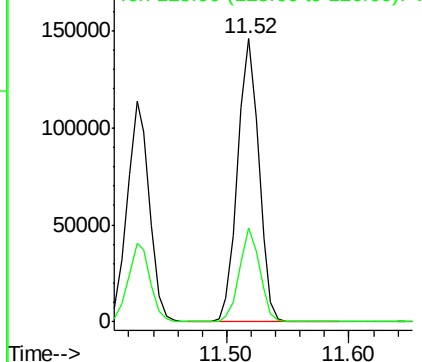


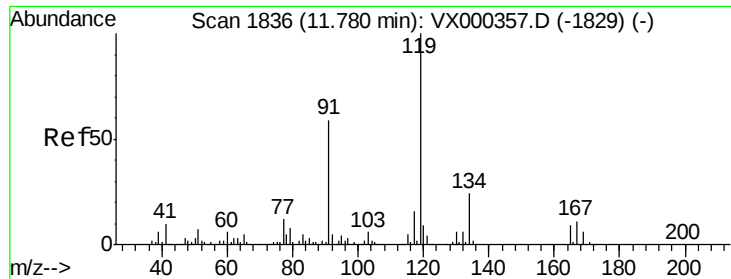
#82
4-Chlorotoluene
Concen: 18.01 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000572.D
Acq: 30 Mar 2018 20:30

Tgt Ion: 91 Resp: 174165
Ion Ratio Lower Upper
91 100
126 32.0 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

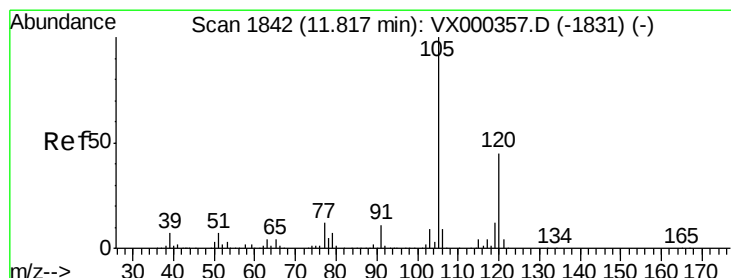
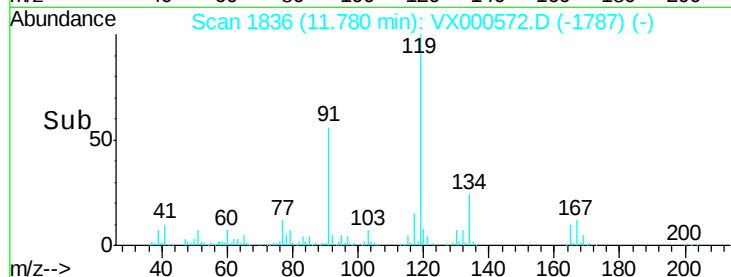
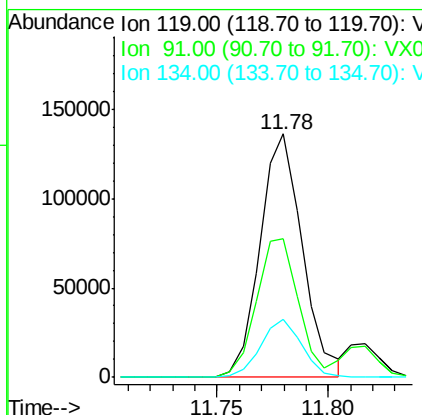
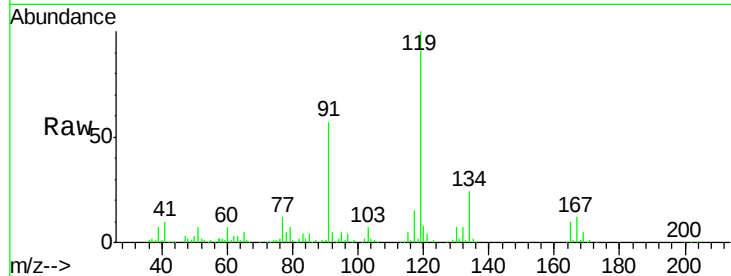




#83
 tert-Butylbenzene
 Concen: 18.09 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000572.D
 Acq: 30 Mar 2018 20:30

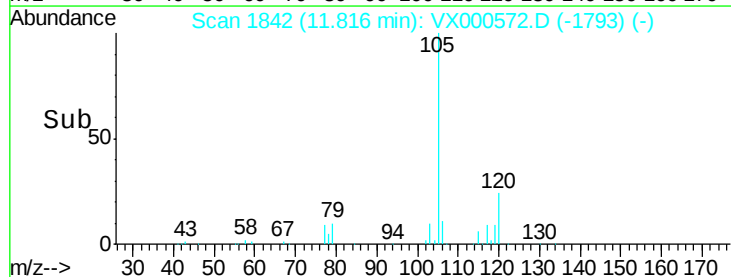
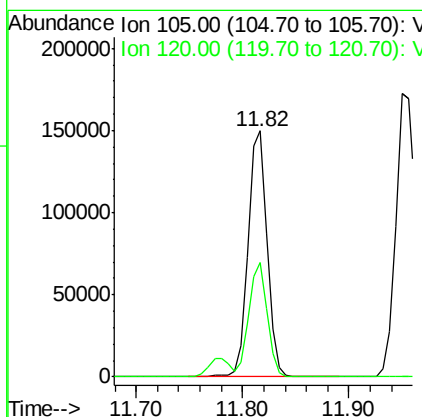
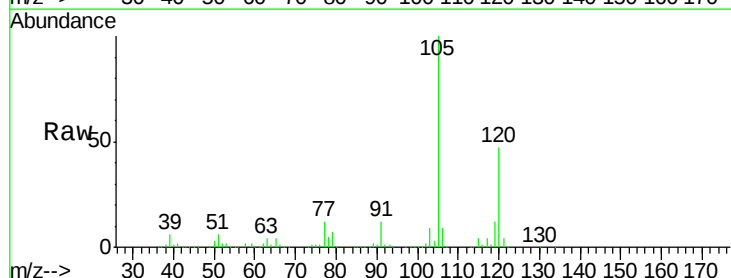
Instrument :
 MSVOA_X
 ClientSampled :
 VX0330WBSD01

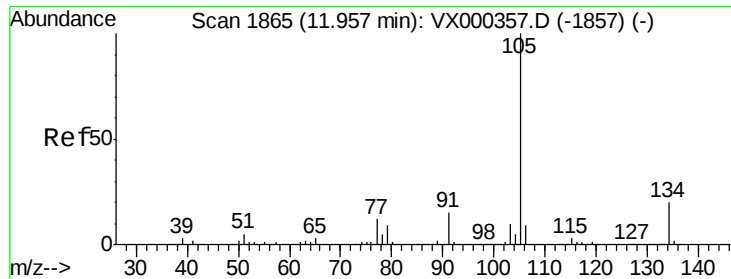
Tgt Ion:119 Resp: 180408
 Ion Ratio Lower Upper
 119 100
 91 56.3 28.8 86.4
 134 23.2 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.12 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000572.D
 Acq: 30 Mar 2018 20:30

Tgt Ion:105 Resp: 187835
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.4 67.3





#85

sec-Butylbenzene

Concen: 17.87 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

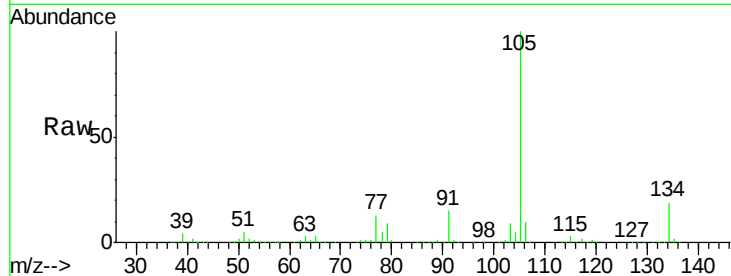
VX0330WBSD01

Tgt Ion:105 Resp: 220522

Ion Ratio Lower Upper

105 100

134 20.4 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

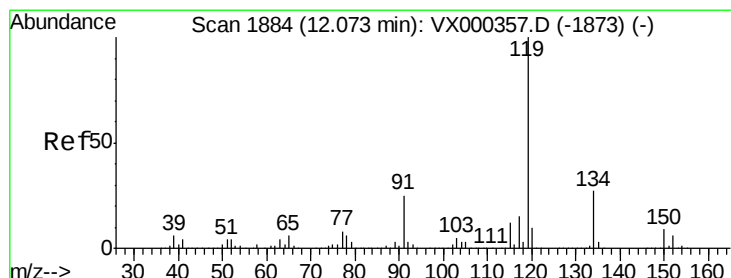
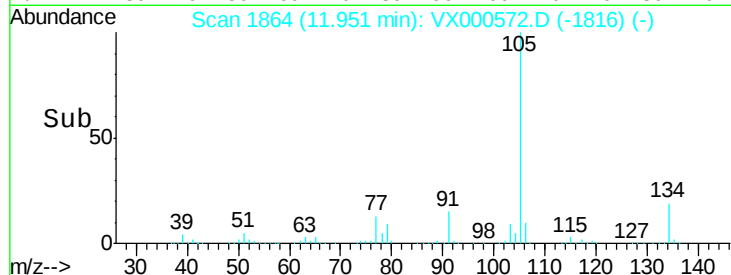
100000

50000

0

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 18.42 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

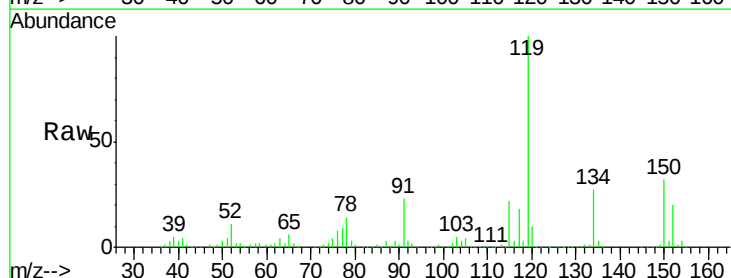
Tgt Ion:119 Resp: 201780

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

91 23.3 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

200000

150000

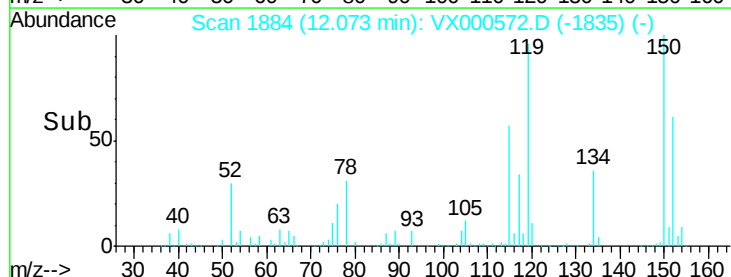
100000

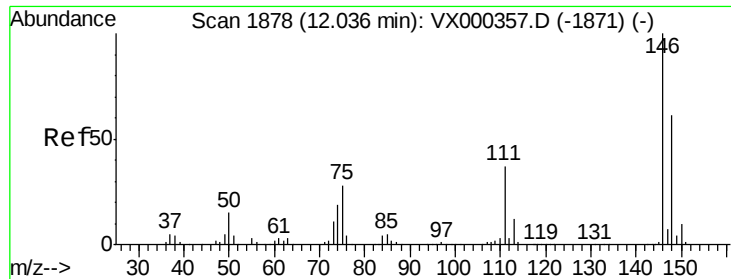
50000

0

12.00 12.07 12.10

Time-->

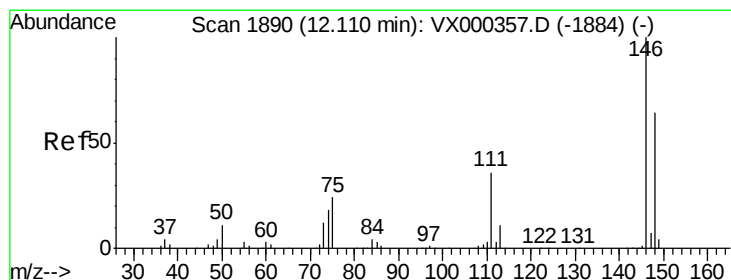
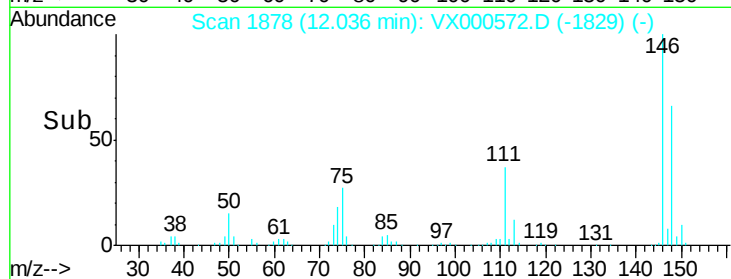
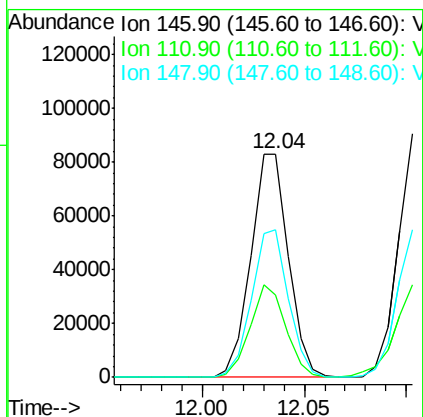
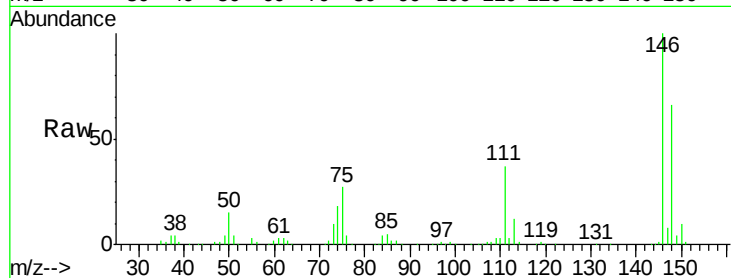




#87
 1,3-Dichlorobenzene
 Concen: 18.00 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000572.D
 Acq: 30 Mar 2018 20:30

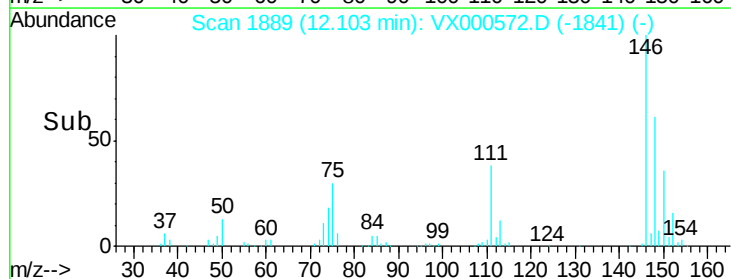
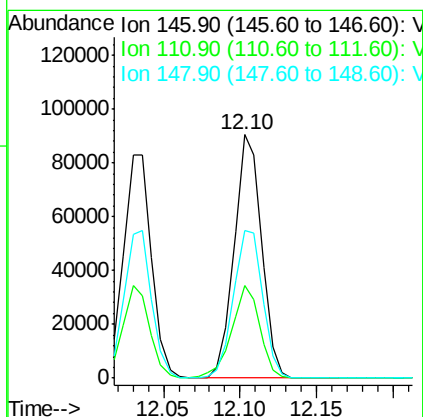
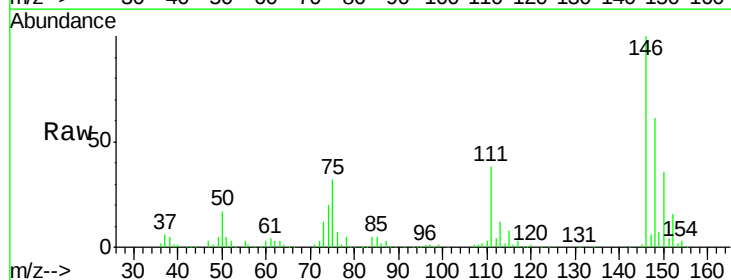
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBSD01

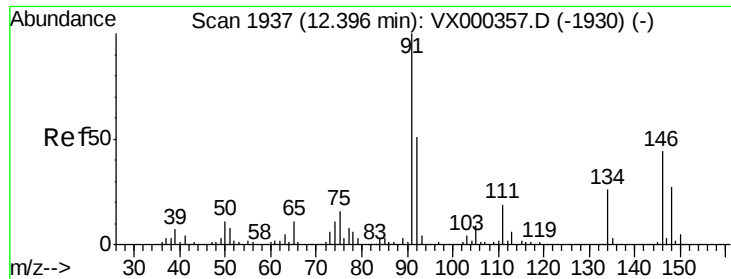
Tgt Ion:146 Resp: 106591
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.5 58.5
 148 64.9 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 18.00 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000572.D
 Acq: 30 Mar 2018 20:30

Tgt Ion:146 Resp: 111930
 Ion Ratio Lower Upper
 146 100
 111 39.2 18.9 56.9
 148 65.0 31.0 93.0





#89

n-Butylbenzene

Concen: 18.16 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

VX0330WBSD01

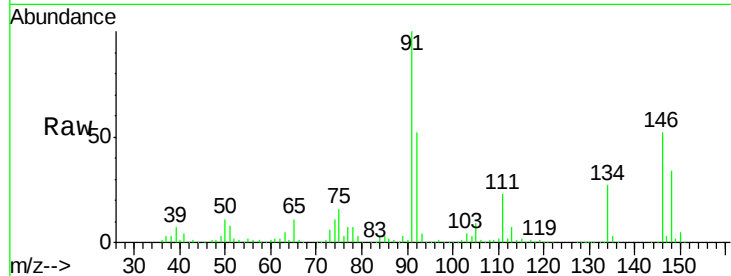
Tgt Ion: 91 Resp: 185272

Ion Ratio Lower Upper

91 100

92 51.9 25.9 77.8

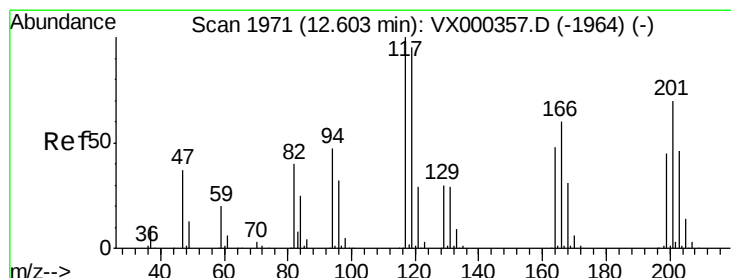
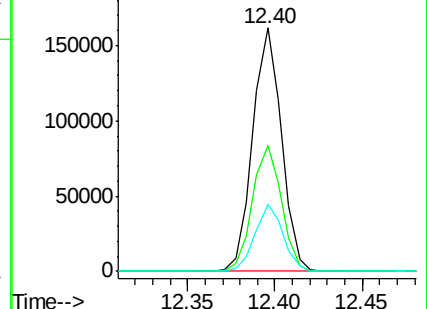
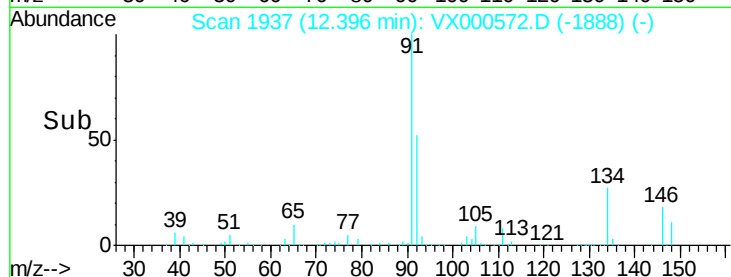
134 26.7 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX000572.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX000572.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX000572.D (-1930) (-)



#90

Hexachloroethane

Concen: 14.12 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000572.D

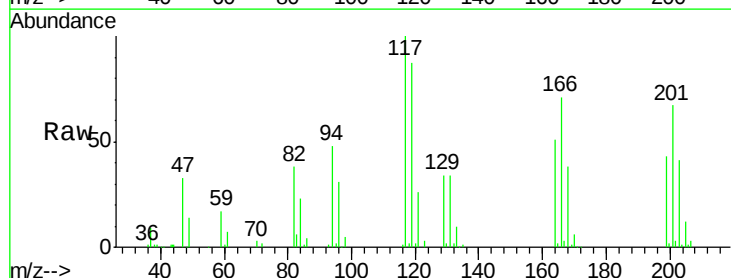
Acq: 30 Mar 2018 20:30

Tgt Ion: 117 Resp: 24346

Ion Ratio Lower Upper

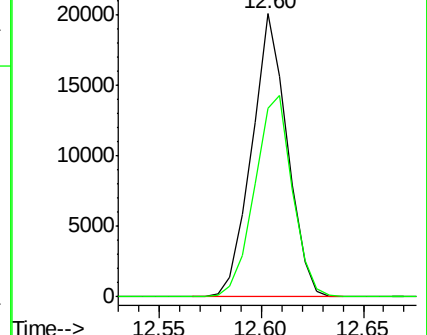
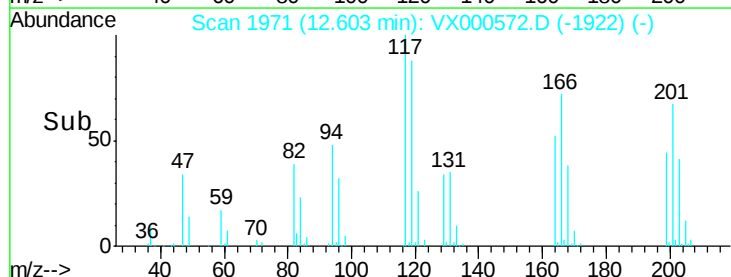
117 100

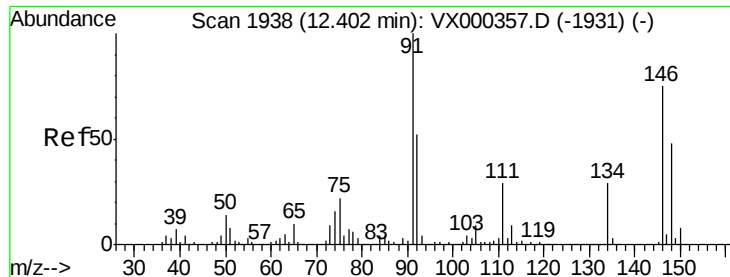
201 75.6 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): VX000572.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX000572.D (-1964) (-)





#91

1,2-Dichlorobenzene

Concen: 18.62 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.01 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

VX0330WBSD01

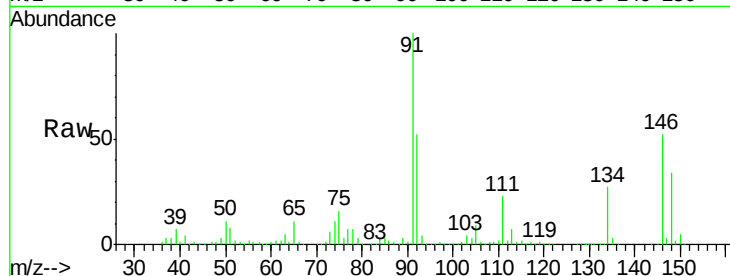
Tgt Ion:146 Resp: 108087

Ion Ratio Lower Upper

146 100

111 40.5 20.1 60.2

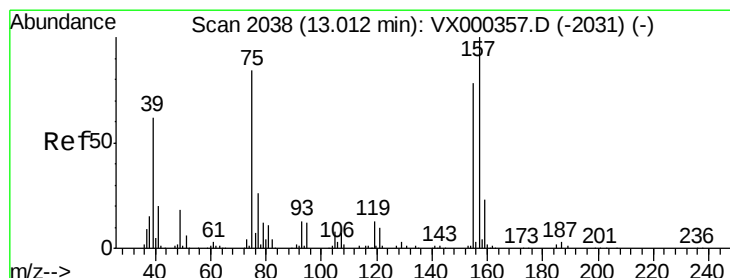
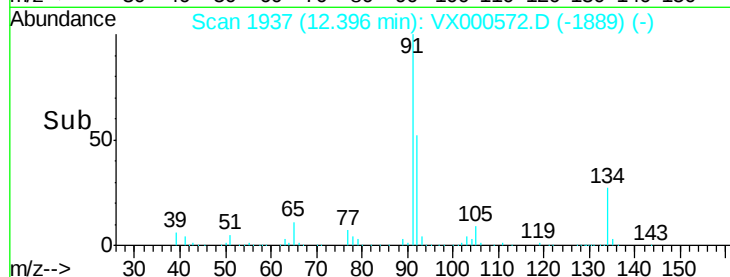
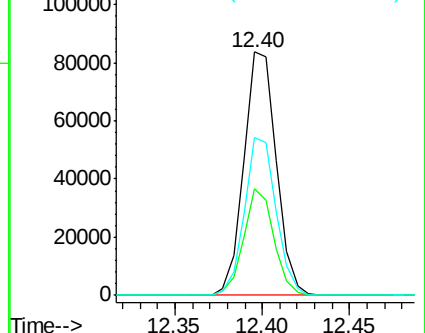
148 63.2 31.2 93.6



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.53 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.01 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

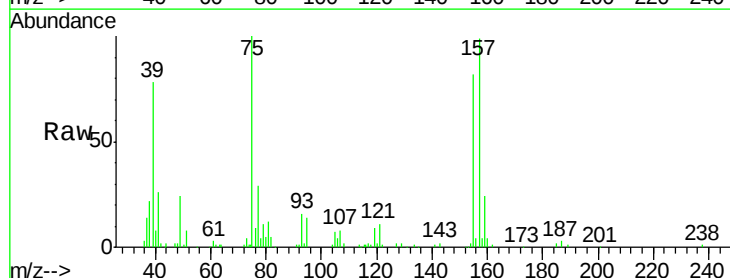
Tgt Ion: 75 Resp: 20327

Ion Ratio Lower Upper

75 100

155 86.7 45.0 134.8

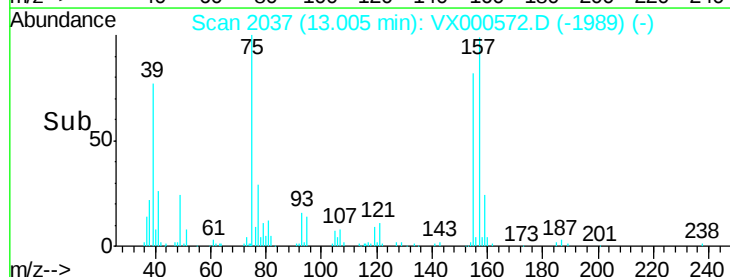
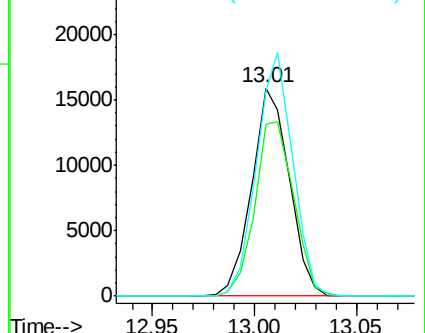
157 112.9 58.1 174.2

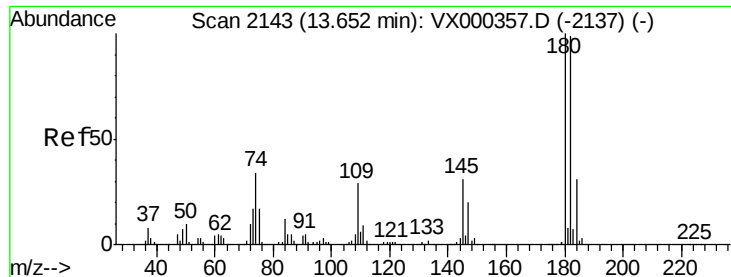


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

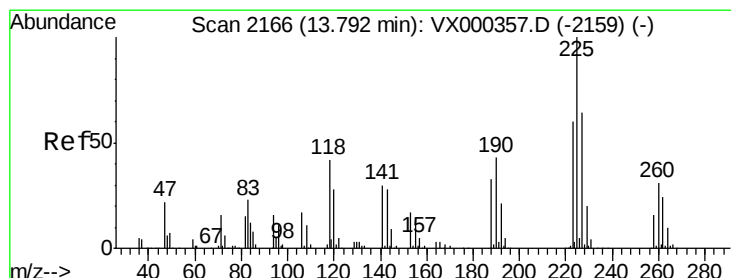
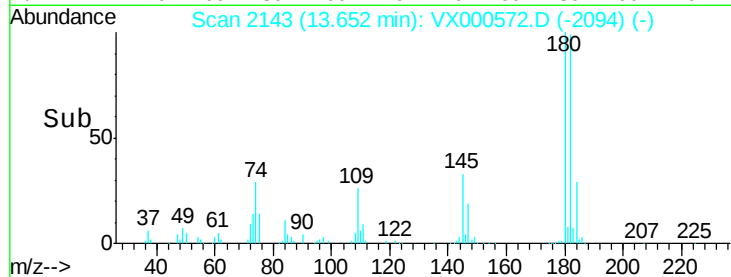
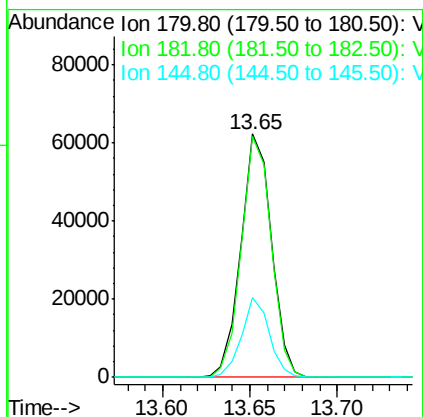
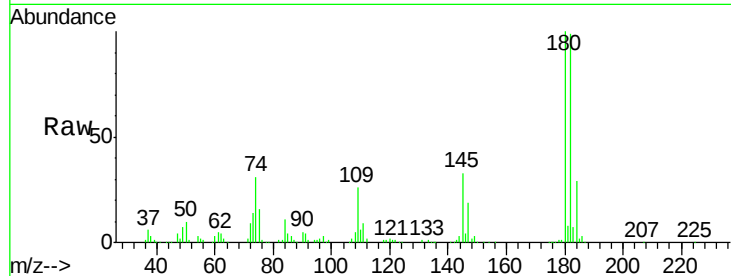




#93
 1,2,4-Trichlorobenzene
 Concen: 18.31 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000572.D
 Acq: 30 Mar 2018 20:30

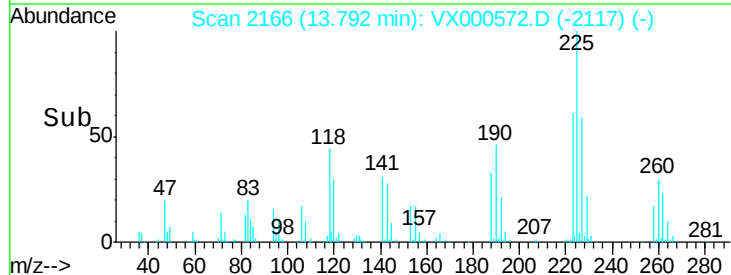
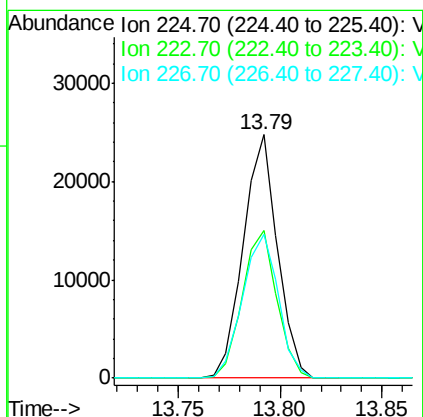
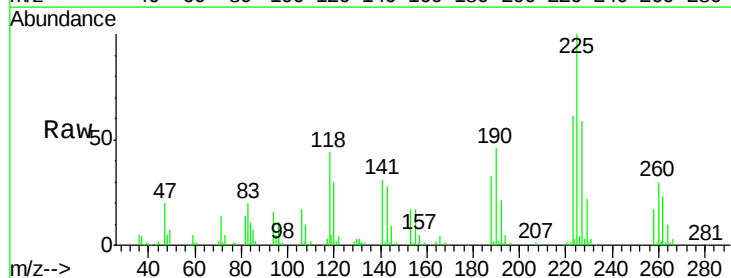
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBSD01

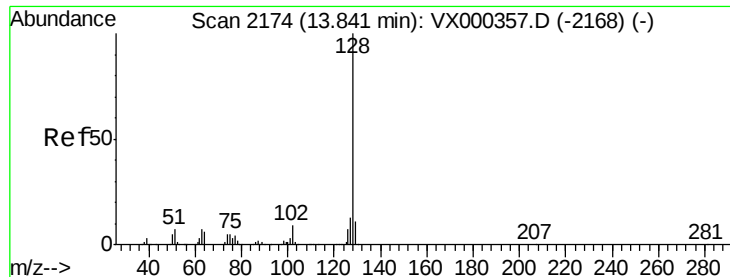
Tgt Ion:180 Resp: 76230
 Ion Ratio Lower Upper
 180 100
 182 96.5 47.6 142.9
 145 29.8 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 16.72 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000572.D
 Acq: 30 Mar 2018 20:30

Tgt Ion:225 Resp: 28819
 Ion Ratio Lower Upper
 225 100
 223 61.3 32.0 96.0
 227 62.1 32.6 98.0





#95

Naphthalene

Concen: 18.96 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

VX0330WBSD01

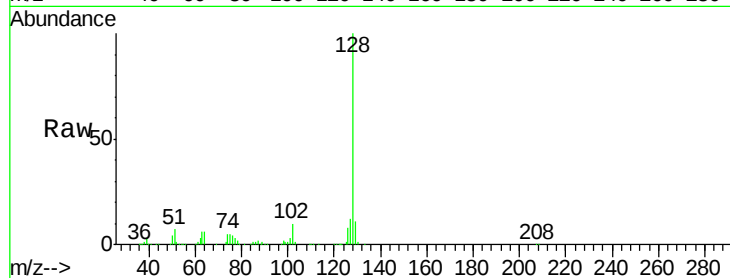
Tgt Ion:128 Resp: 274868

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

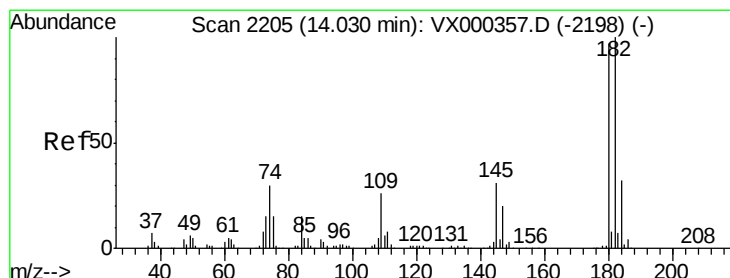
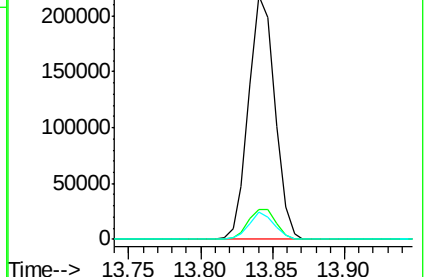
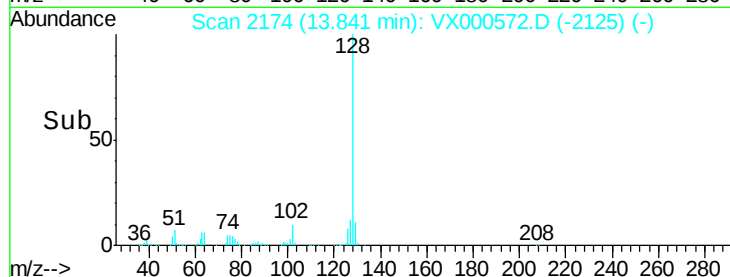
129 10.7 8.9 13.3



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: 18.53 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000572.D

Acq: 30 Mar 2018 20:30

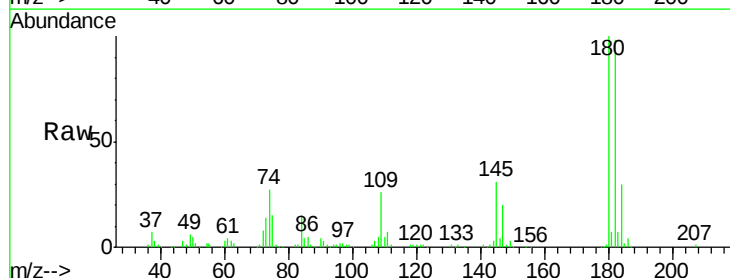
Tgt Ion:180 Resp: 76214

Ion Ratio Lower Upper

180 100

182 97.0 47.4 142.3

145 31.6 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

