

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040418\
 Data File : VX000668.D
 Acq On : 04 Apr 2018 20:26
 Operator : JC/MD
 Sample : VX0404WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBSD01

Quant Time: Apr 05 05:22:16 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 03:34:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	98942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	173633	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	178201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	100707	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	79487	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
35) Dibromofluoromethane	5.51	113	56982	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
50) Toluene-d8	8.73	98	236869	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	
62) 4-Bromofluorobenzene	11.15	95	92402	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	29035	21.90	ug/l	97
3) Chloromethane	1.32	50	24606	21.68	ug/l	94
4) Vinyl Chloride	1.40	62	31285	21.03	ug/l	99
5) Bromomethane	1.64	94	27559	19.03	ug/l	98
6) Chloroethane	1.73	64	22307	20.38	ug/l	94
7) Trichlorofluoromethane	1.93	101	54587	20.70	ug/l	93
8) Diethyl Ether	2.19	74	20215	20.66	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	28649	20.11	ug/l	96
10) Methyl Iodide	2.51	142	14207	20.26	ug/l	98
11) Tert butyl alcohol	3.08	59	65034	99.76	ug/l	98
12) 1,1-Dichloroethene	2.38	96	26906	20.03	ug/l	94
13) Acrolein	2.30	56	36237	93.77	ug/l	99
14) Allyl chloride	2.73	41	53345	19.80	ug/l	100
15) Acrylonitrile	3.15	53	124046	103.18	ug/l	99
16) Acetone	2.45	43	134816	97.48	ug/l	97
17) Carbon Disulfide	2.57	76	59830	18.95	ug/l	100
18) Methyl Acetate	2.78	43	64968	21.07	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	102424	21.09	ug/l	95
20) Methylene Chloride	2.86	84	30382	19.26	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	27485	18.87	ug/l	85
22) Diisopropyl ether	3.89	45	68303	17.82	ug/l	92
23) Vinyl Acetate	3.83	43	319880	86.30	ug/l	100
24) 1,1-Dichloroethane	3.70	63	49812	19.55	ug/l	98
25) 2-Butanone	4.71	43	138552	98.83	ug/l	100
26) 2,2-Dichloropropane	4.60	77	27975	20.05	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	22989	20.85	ug/l	97
28) Bromochloromethane	5.03	49	18454	19.33	ug/l	98
29) Tetrahydrofuran	5.18	42	87082	96.54	ug/l	98
30) Chloroform	5.23	83	42235	19.55	ug/l	96
31) Cyclohexane	5.59	56	31329	18.88	ug/l	88
32) 1,1,1-Trichloroethane	5.50	97	36725	20.66	ug/l	99
36) 1,1-Dichloropropene	5.81	75	30119	18.70	ug/l	97
37) Ethyl Acetate	4.87	43	46247	18.87	ug/l	99
38) Carbon Tetrachloride	5.80	117	30041	19.38	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	33329	17.90	ug/l	96
40) Benzene	6.15	78	90741	19.73	ug/l	96
41) Methacrylonitrile	5.07	41	25085	18.68	ug/l	96
42) 1,2-Dichloroethane	6.21	62	37626	19.56	ug/l	98
43) Isopropyl Acetate	6.48	43	68602	19.30	ug/l	99
44) Trichloroethene	7.22	130	23960	18.85	ug/l	97
45) 1,2-Dichloropropane	7.52	63	23381	18.85	ug/l	99
46) Dibromomethane	7.67	93	18597	20.44	ug/l	96
47) Bromodichloromethane	7.91	83	34403	19.88	ug/l	92
48) Methyl methacrylate	7.79	41	34248	18.80	ug/l	99
49) 1,4-Dioxane	7.77	88	14270	369.63	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	282606	97.77	ug/l	100
52) Toluene	8.79	92	60710	18.68	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	36484	19.50	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	36444	19.25	ug/l	90
55) 1,1,2-Trichloroethane	9.23	97	26804	19.78	ug/l	97
56) Ethyl methacrylate	9.19	69	40117	19.25	ug/l	99
57) 1,3-Dichloropropane	9.38	76	45084	20.32	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	100305	105.64	ug/l	98
59) 2-Hexanone	9.51	43	243862	99.21	ug/l	100
60) Dibromochloromethane	9.59	129	25856	18.56	ug/l	98
61) 1,2-Dibromoethane	9.68	107	28554	19.54	ug/l	100
64) Tetrachloroethene	9.34	164	23699	20.42	ug/l	95
65) Chlorobenzene	10.15	112	72052	19.85	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	24319	19.65	ug/l	97
67) Ethyl Benzene	10.26	91	127970	19.93	ug/l	98
68) m/p-Xylenes	10.37	106	98136	40.55	ug/l	99
69) o-Xylene	10.71	106	46635	19.57	ug/l	99
70) Styrene	10.72	104	78177	19.46	ug/l	97
71) Bromoform	10.87	173	19240	18.60	ug/l #	99
73) Isopropylbenzene	11.02	105	132590	21.78	ug/l	99
74) N-amyl acetate	6.48	43	68602	21.00	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	49432	21.33	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	57002	25.95	ug/l	87
77) Bromobenzene	11.26	156	31950	20.99	ug/l	97
78) n-propylbenzene	11.37	91	162329	21.87	ug/l	100
79) 2-Chlorotoluene	11.43	91	91384	21.67	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	113128	21.76	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	12612	20.59	ug/l	89
82) 4-Chlorotoluene	11.52	91	107245	20.32	ug/l	96
83) tert-Butylbenzene	11.78	119	110743	21.85	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	118921	21.87	ug/l	100
85) sec-Butylbenzene	11.95	105	140955	21.89	ug/l	99
86) p-Isopropyltoluene	12.07	119	121768	21.73	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	62937	21.22	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	65559	20.21	ug/l	98
89) n-Butylbenzene	12.40	91	123970	21.69	ug/l	98
90) Hexachloroethane	12.60	117	19444	20.42	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	61468	19.87	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14428	21.82	ug/l	97

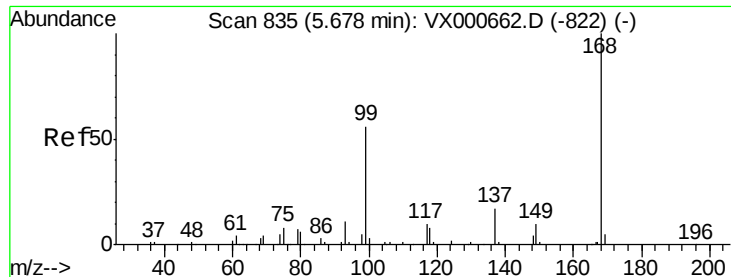
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	44076	21.17	ug/l	99
94) Hexachlorobutadiene	13.79	225	15949	20.00	ug/l	99
95) Naphthalene	13.84	128	162431	21.43	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	43128	20.59	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: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

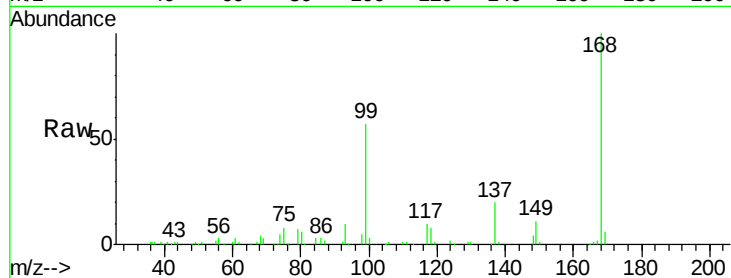
VX0404WBSD01

Tgt Ion:168 Resp: 98942

Ion Ratio Lower Upper

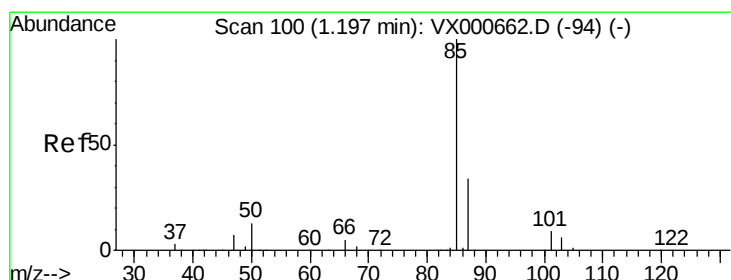
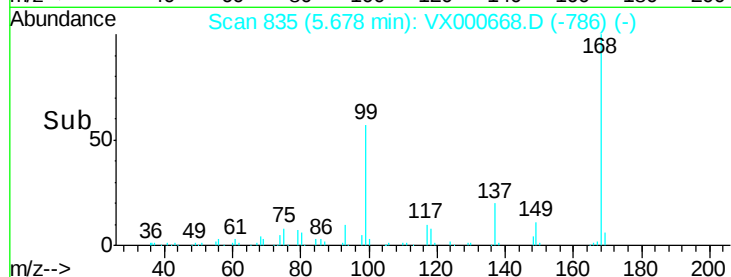
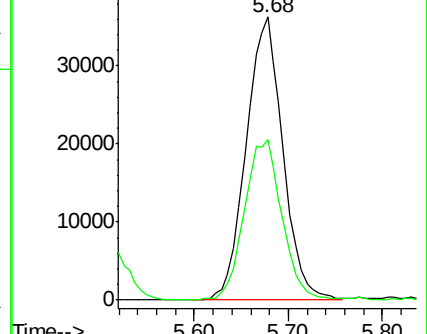
168 100

99 56.6 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.90 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000668.D

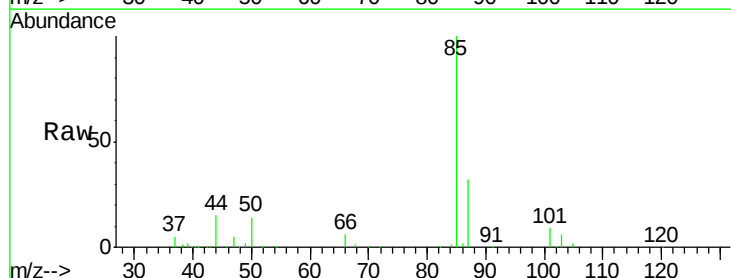
Acq: 04 Apr 2018 20:26

Tgt Ion: 85 Resp: 29035

Ion Ratio Lower Upper

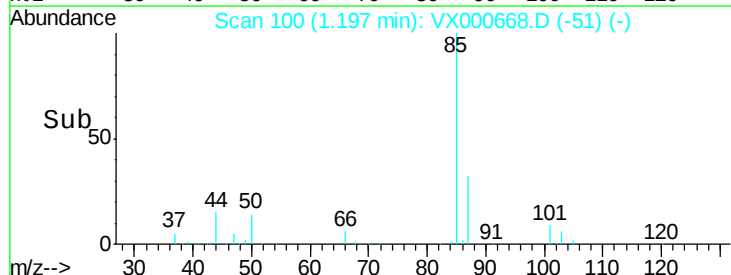
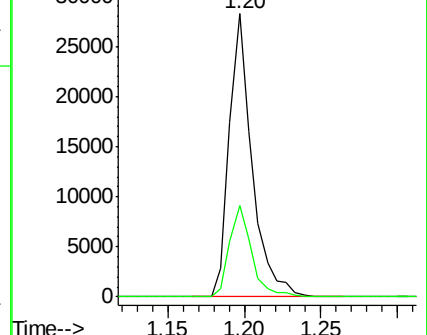
85 100

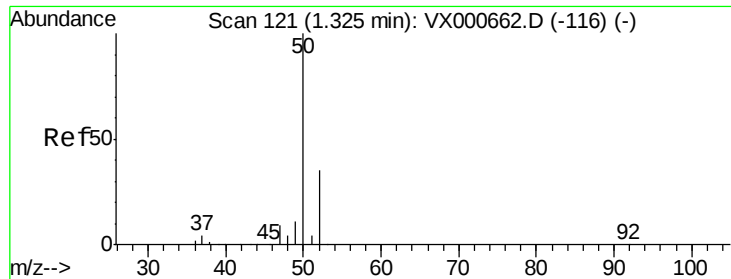
87 32.4 16.9 50.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.68 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

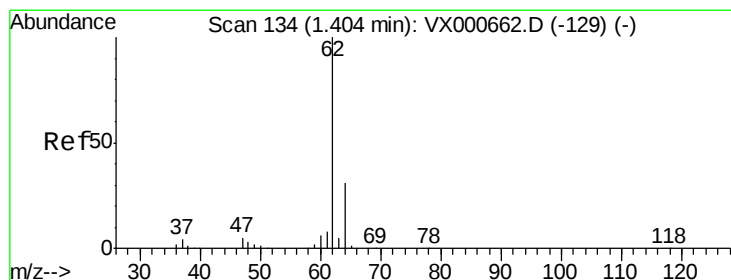
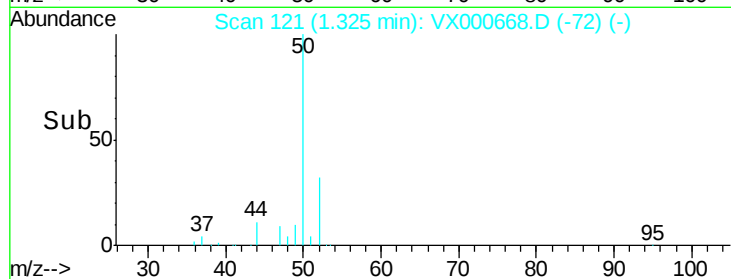
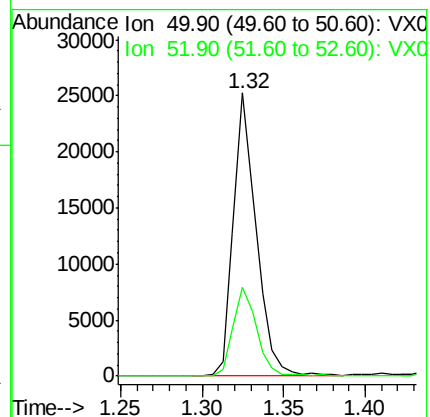
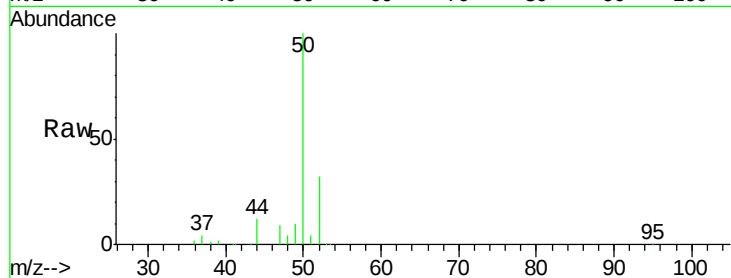
VX0404WBSD01

Tgt Ion: 50 Resp: 24606

Ion Ratio Lower Upper

50 100

52 31.5 28.0 42.0



#4

Vinyl Chloride

Concen: 21.03 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000668.D

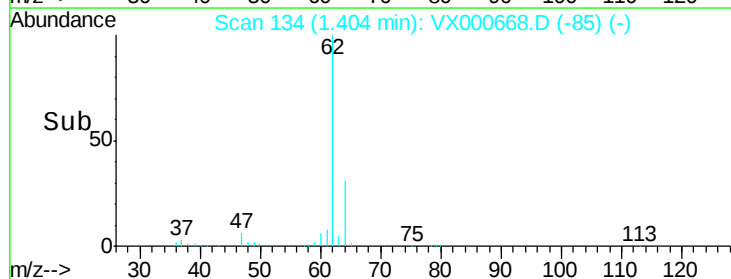
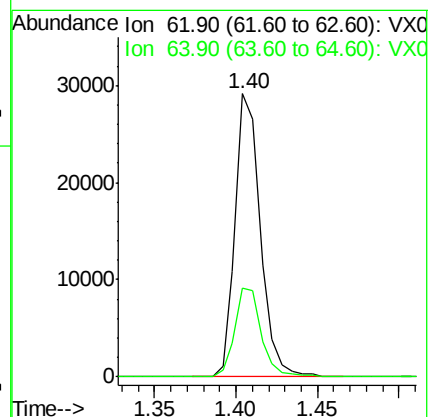
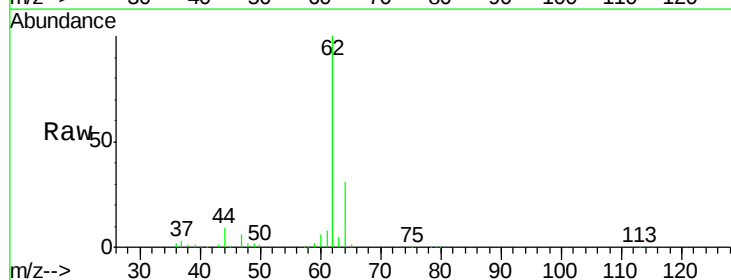
Acq: 04 Apr 2018 20:26

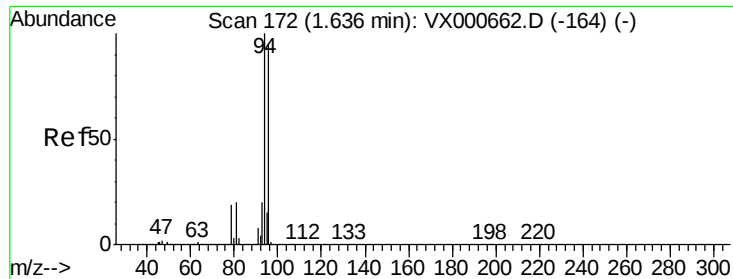
Tgt Ion: 62 Resp: 31285

Ion Ratio Lower Upper

62 100

64 31.4 24.6 37.0





#5

Bromomethane

Concen: 19.03 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

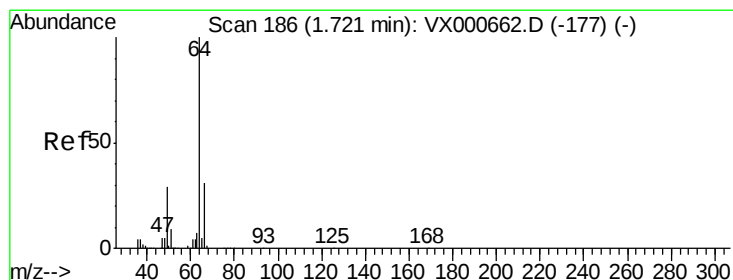
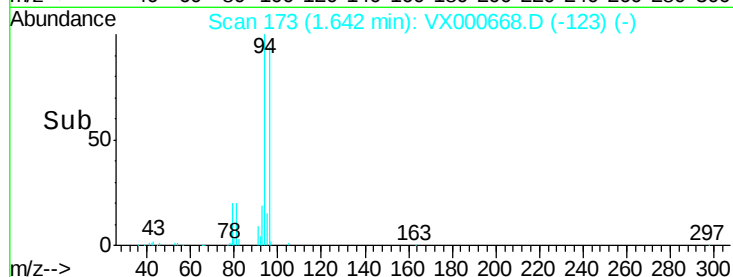
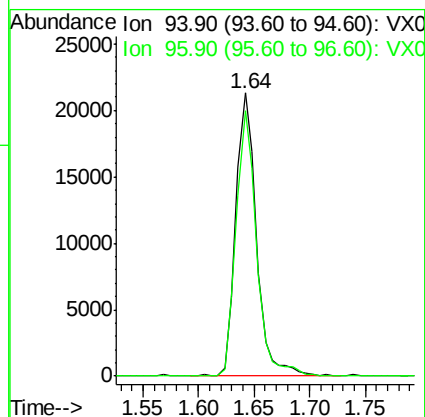
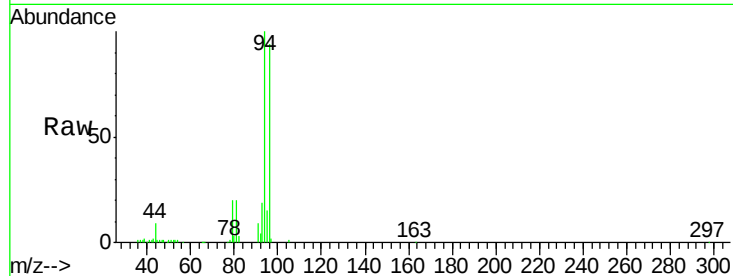
VX0404WBSD01

Tgt Ion: 94 Resp: 27559

Ion Ratio Lower Upper

94 100

96 93.8 76.3 114.5



#6

Chloroethane

Concen: 20.38 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000668.D

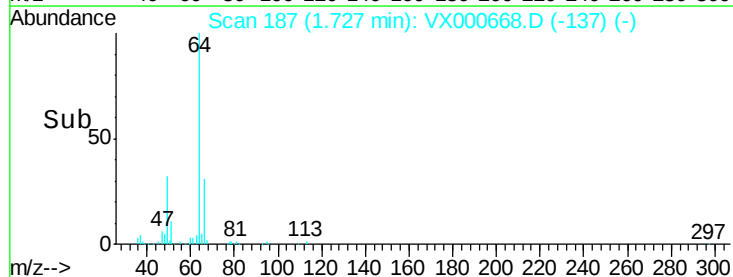
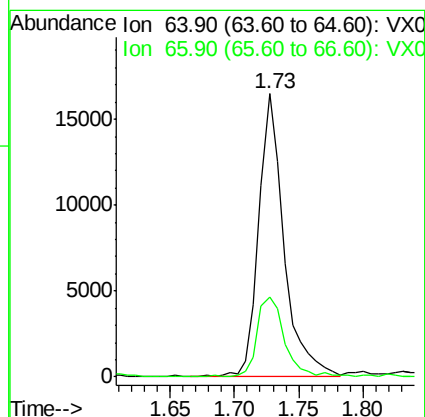
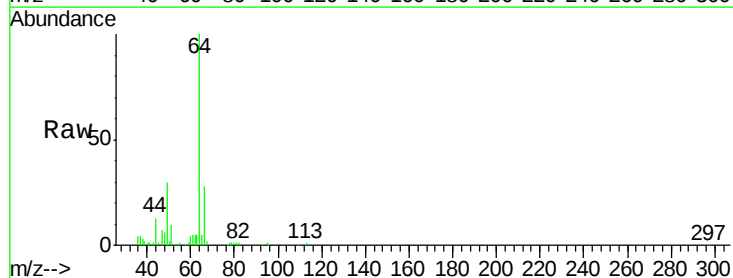
Acq: 04 Apr 2018 20:26

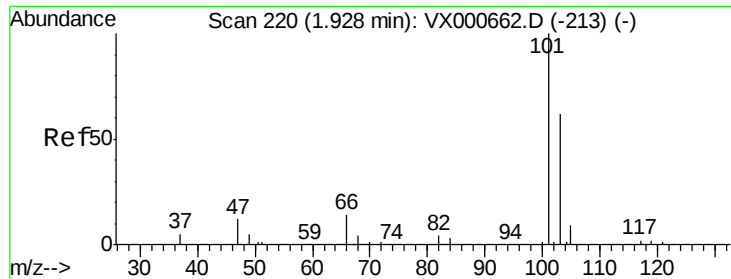
Tgt Ion: 64 Resp: 22307

Ion Ratio Lower Upper

64 100

66 28.2 25.0 37.6



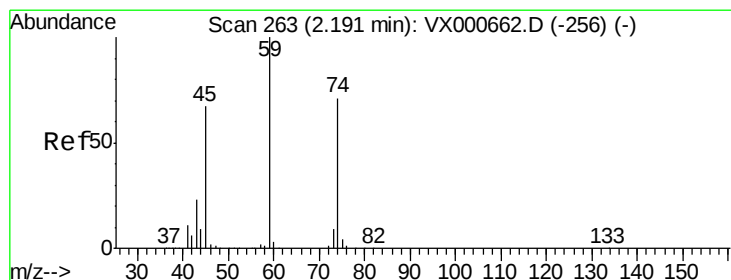
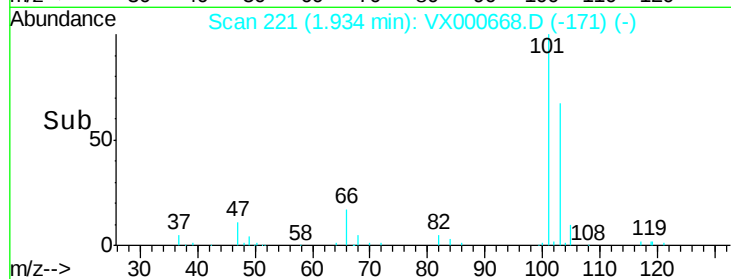
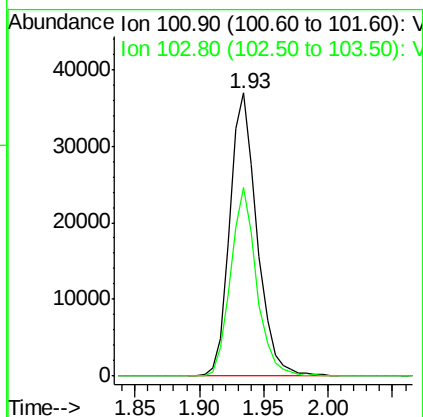
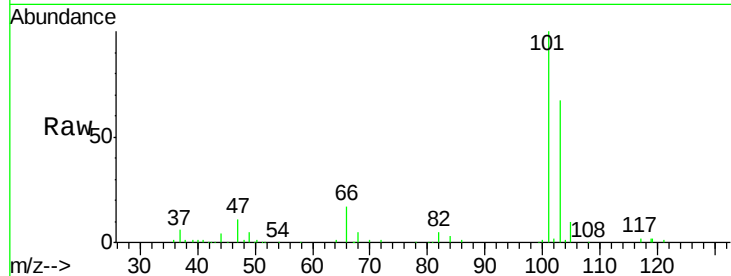


#7

Trichlorofluoromethane
 Concen: 20.70 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Instrument :
 MSVOA_X
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 VX0404WBSD01

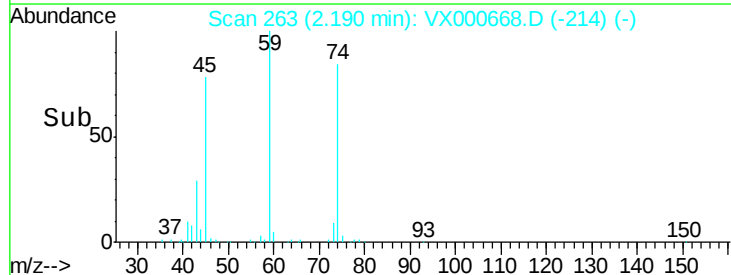
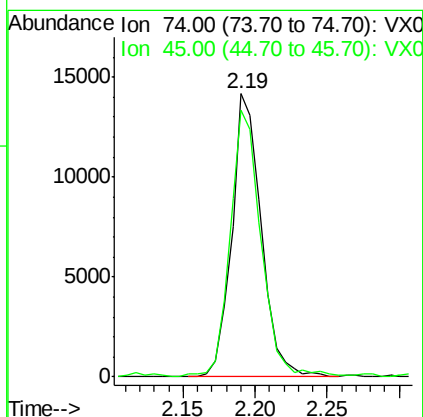
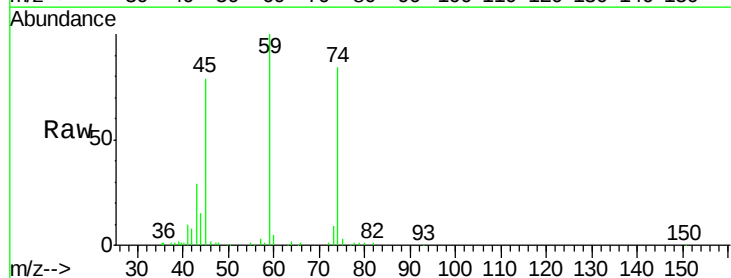
Tgt Ion:101 Resp: 54587
 Ion Ratio Lower Upper
 101 100
 103 66.7 49.4 74.0

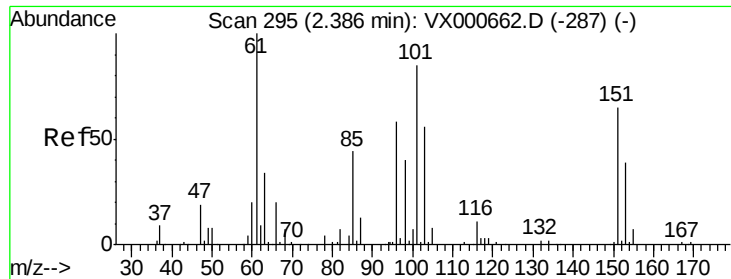


#8

Diethyl Ether
 Concen: 20.66 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Tgt Ion: 74 Resp: 20215
 Ion Ratio Lower Upper
 74 100
 45 99.6 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.11 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBSD01

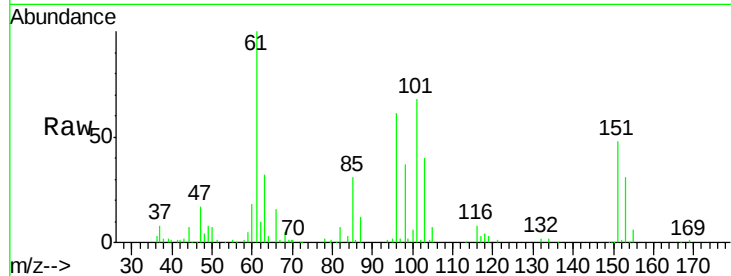
Tgt Ion:101 Resp: 28649

Ion Ratio Lower Upper

101 100

85 51.6 40.0 60.0

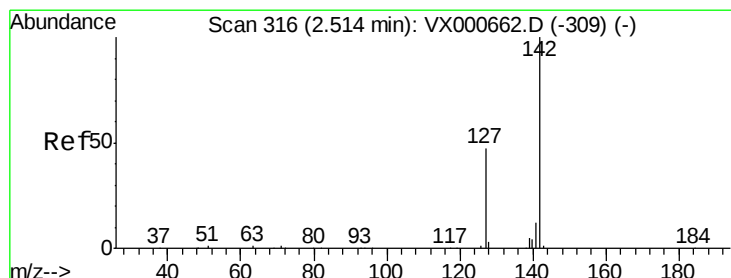
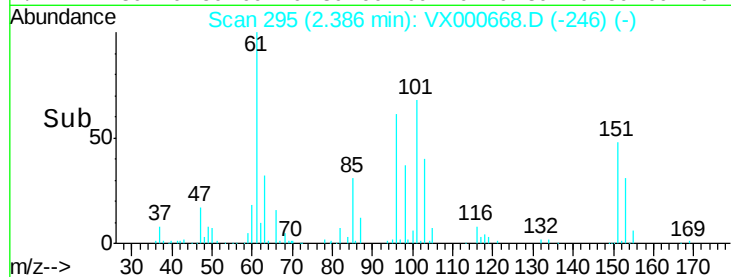
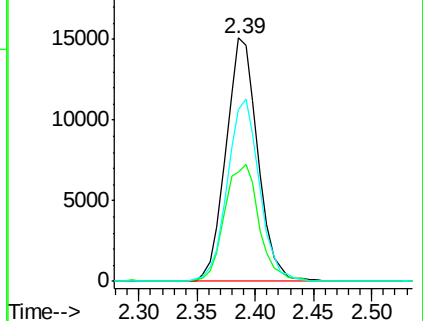
151 75.5 57.4 86.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.26 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

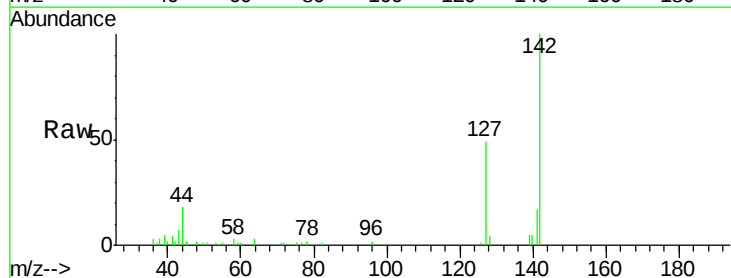
Tgt Ion:142 Resp: 14207

Ion Ratio Lower Upper

142 100

127 49.7 40.7 61.1

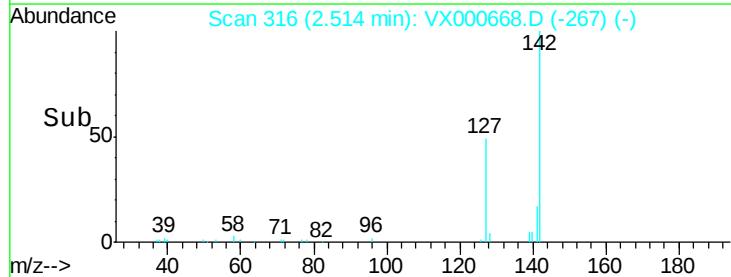
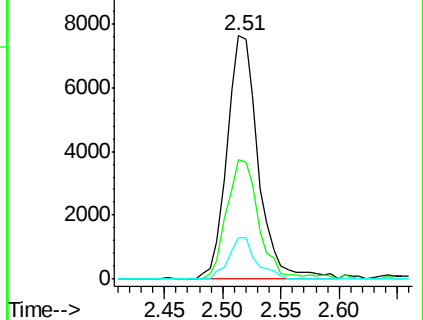
141 15.1 11.1 16.7

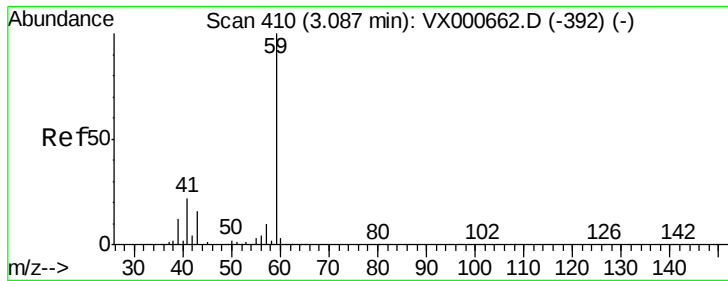


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



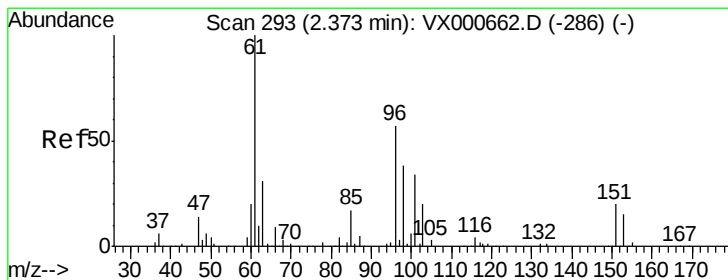
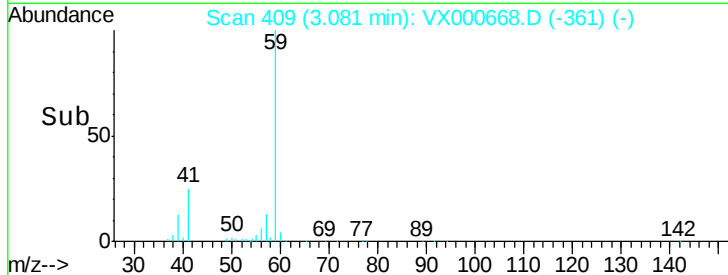
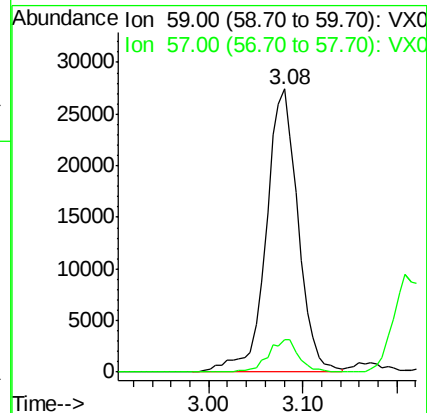
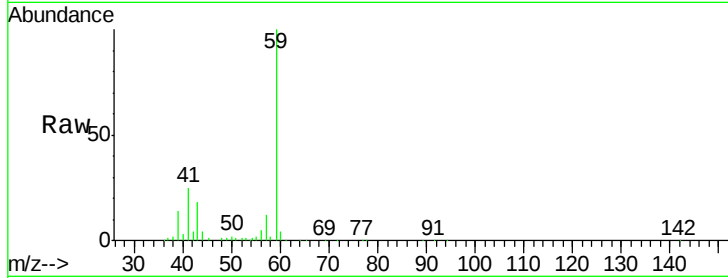


#11

Tert butyl alcohol
 Concen: 99.76 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBSD01

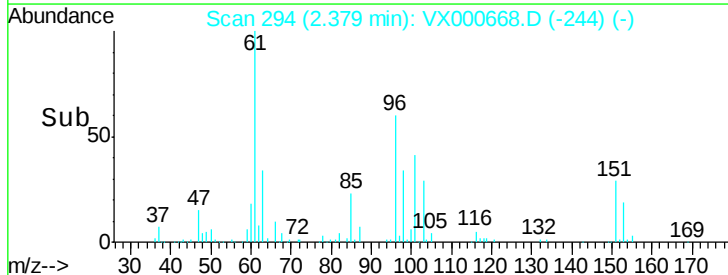
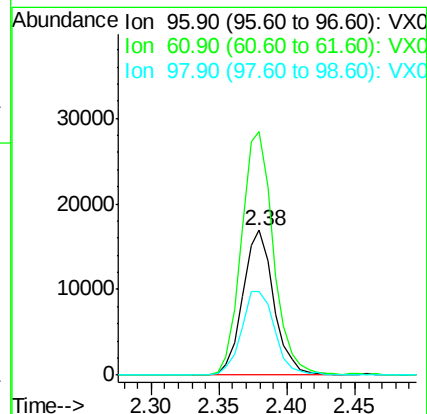
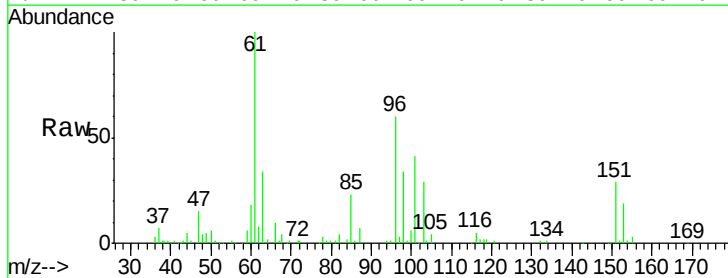
Tgt Ion: 59 Resp: 65034
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.5 12.7

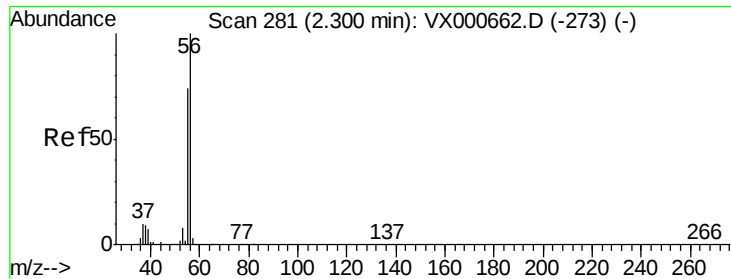


#12

1,1-Dichloroethene
 Concen: 20.03 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Tgt Ion: 96 Resp: 26906
 Ion Ratio Lower Upper
 96 100
 61 168.0 140.2 210.2
 98 57.8 52.6 79.0





#13

Acrolein

Concen: 93.77 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

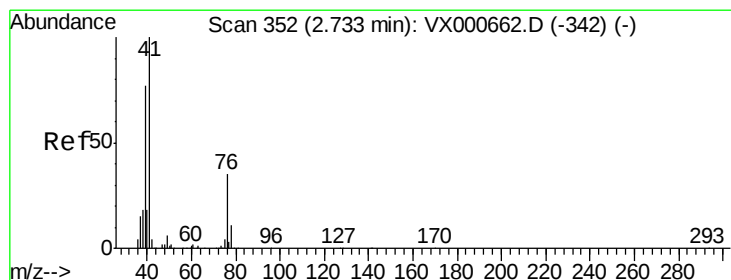
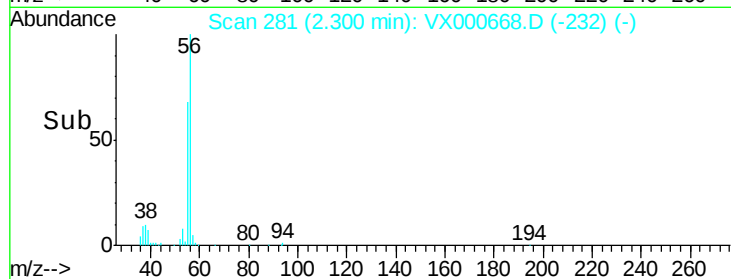
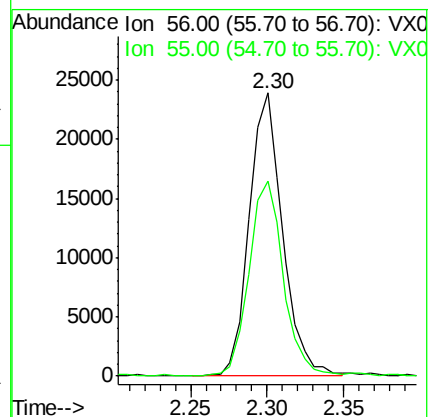
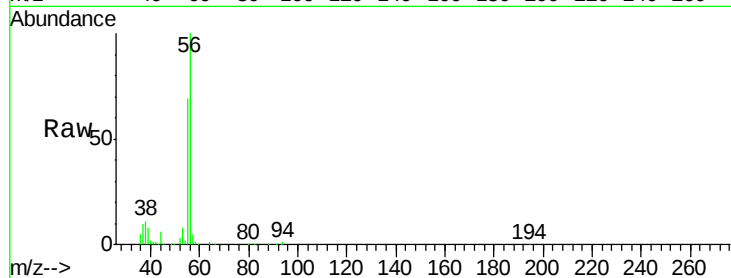
VX0404WBSD01

Tgt Ion: 56 Resp: 36237

Ion Ratio Lower Upper

56 100

55 71.7 58.1 87.1



#14

Allyl chloride

Concen: 19.80 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

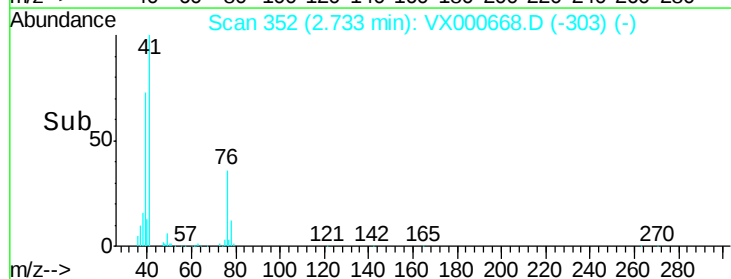
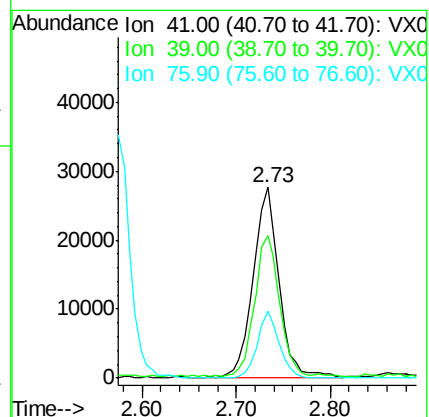
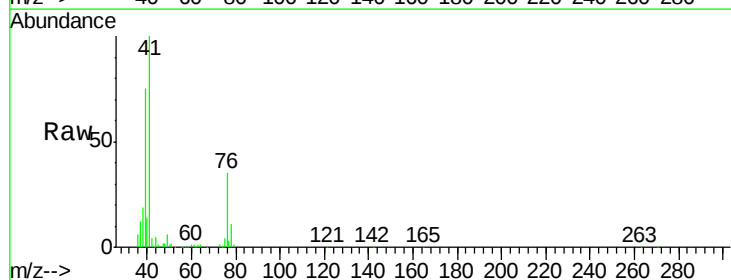
Tgt Ion: 41 Resp: 53345

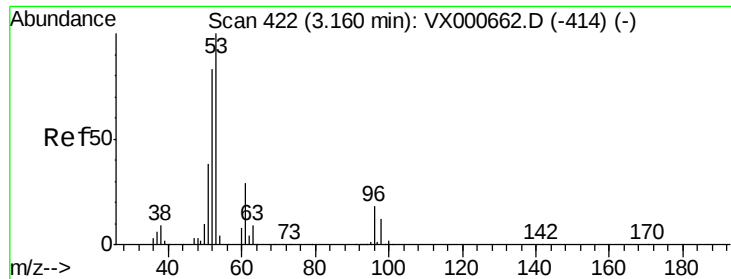
Ion Ratio Lower Upper

41 100

39 71.1 57.0 85.6

76 30.2 23.9 35.9





#15

Acrylonitrile

Concen: 103.18 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBSD01

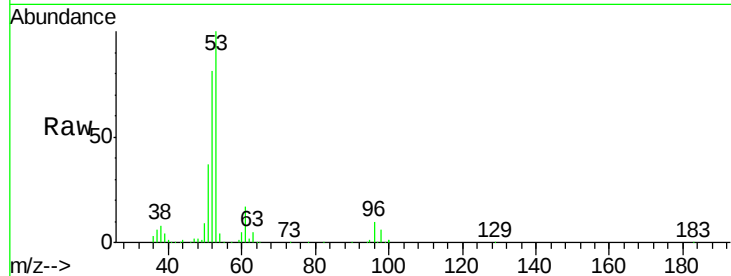
Tgt Ion: 53 Resp: 124046

Ion Ratio Lower Upper

53 100

52 82.8 66.5 99.7

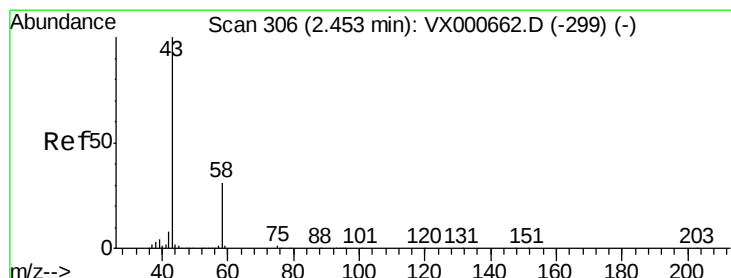
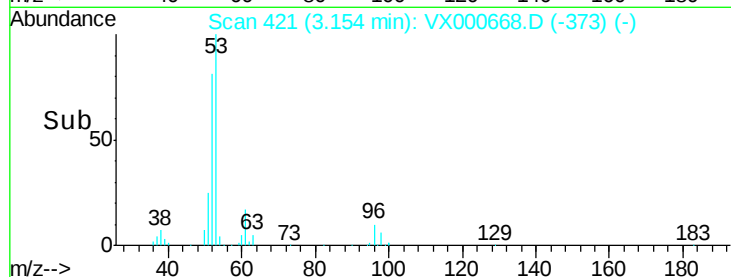
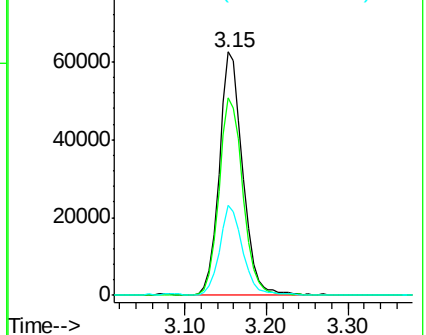
51 36.9 30.6 46.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 97.48 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000668.D

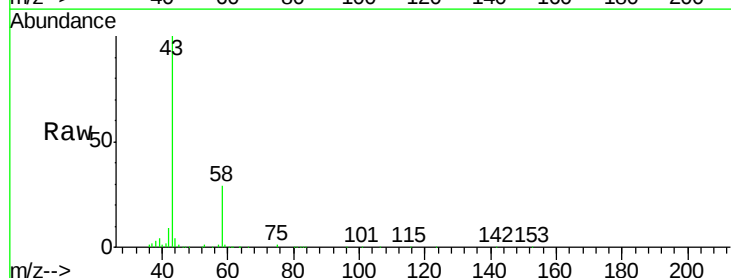
Acq: 04 Apr 2018 20:26

Tgt Ion: 43 Resp: 134816

Ion Ratio Lower Upper

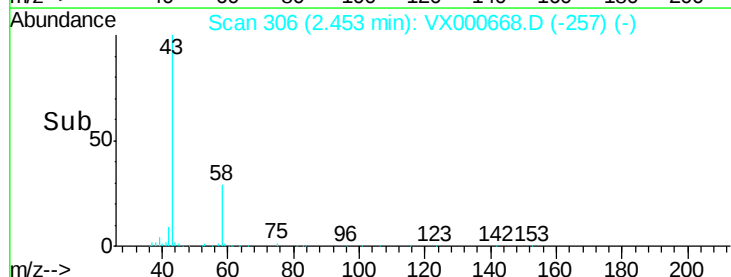
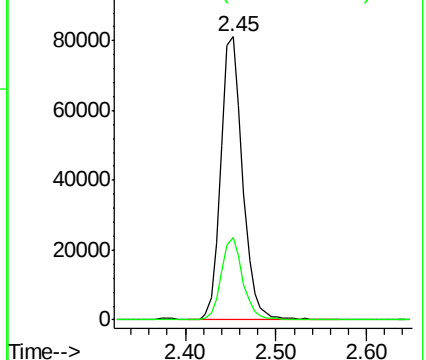
43 100

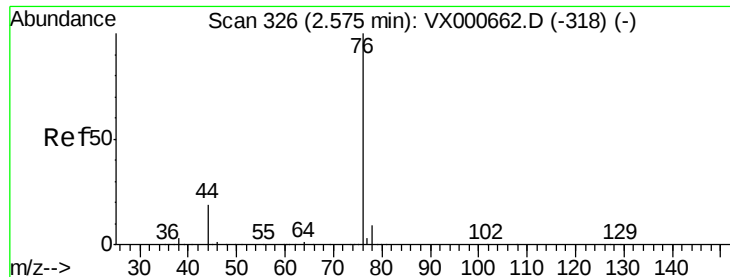
58 29.0 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

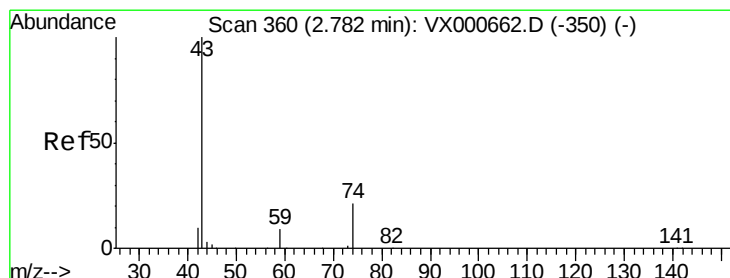
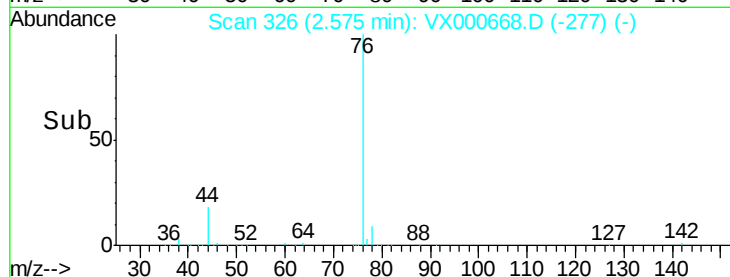
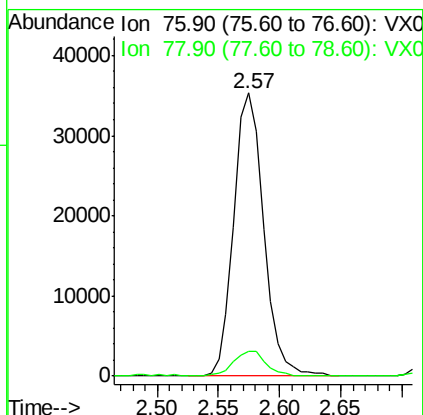
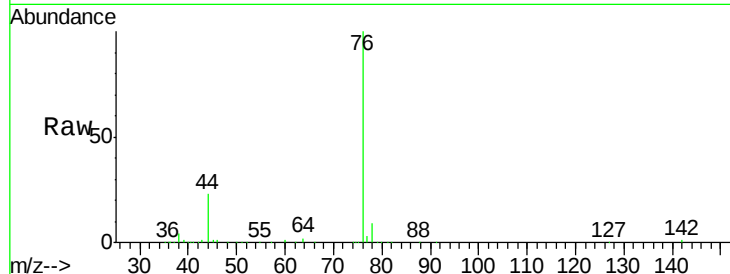




#17
Carbon Disulfide
Concen: 18.95 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

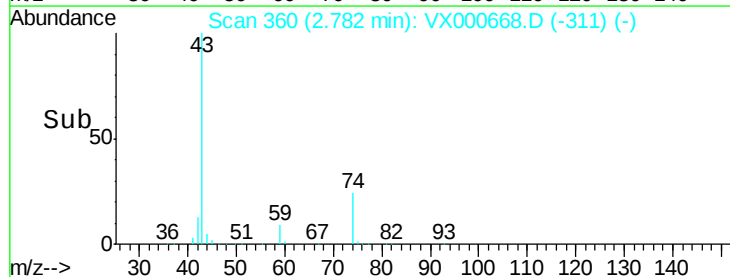
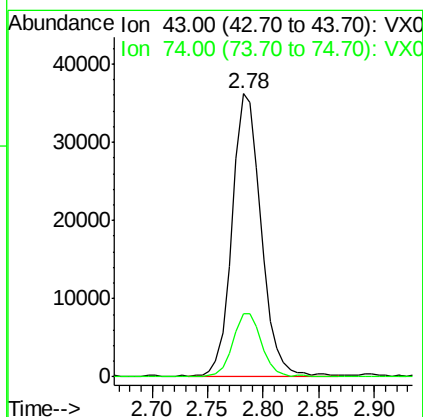
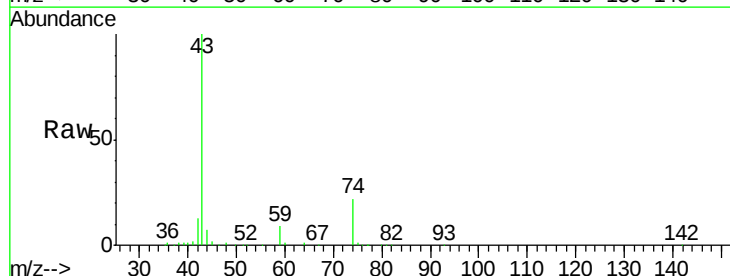
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBSD01

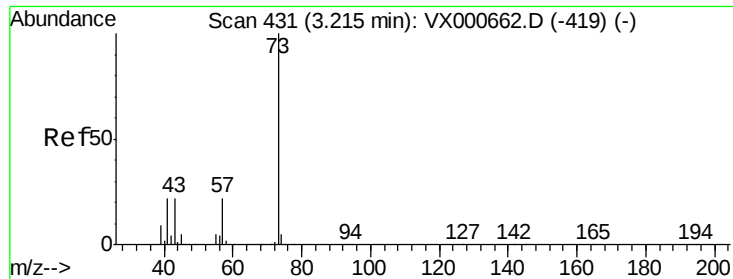
Tgt Ion: 76 Resp: 59830
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6



#18
Methyl Acetate
Concen: 21.07 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Tgt Ion: 43 Resp: 64968
Ion Ratio Lower Upper
43 100
74 22.6 17.0 25.4

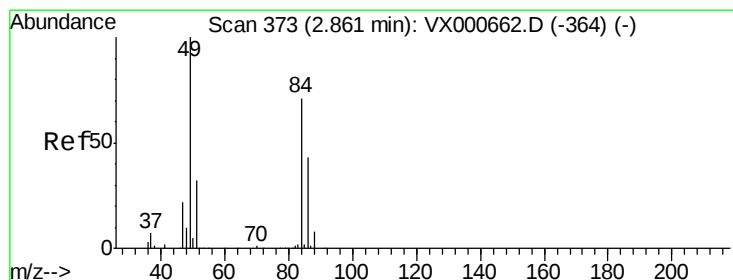
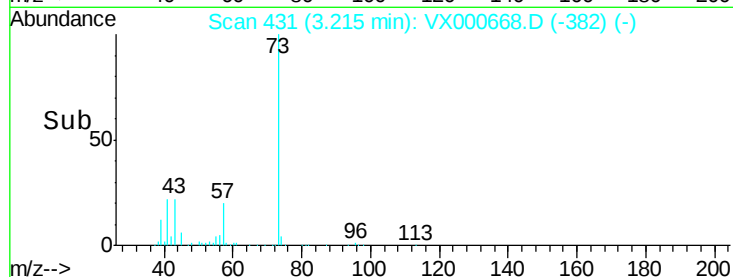
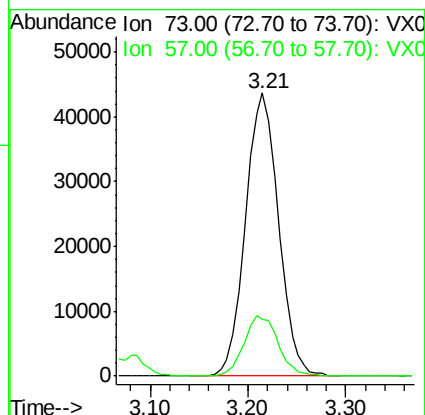
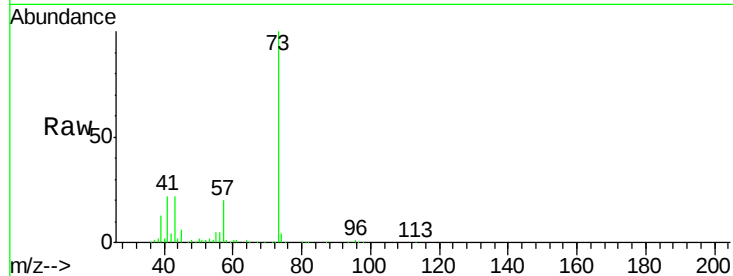




#19
Methyl tert-butyl Ether
Concen: 21.09 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

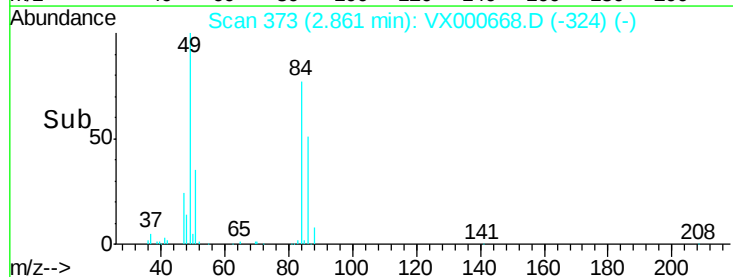
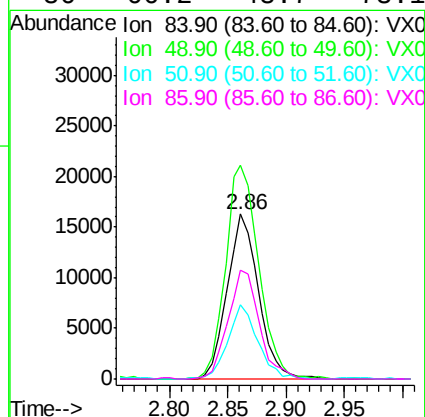
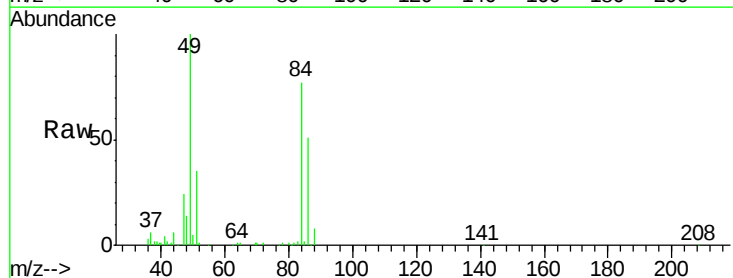
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBSD01

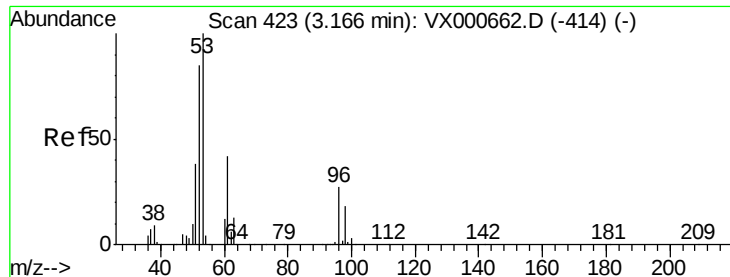
Tgt Ion: 73 Resp: 102424
Ion Ratio Lower Upper
73 100
57 19.8 17.8 26.6



#20
Methylene Chloride
Concen: 19.26 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Tgt Ion: 84 Resp: 30382
Ion Ratio Lower Upper
84 100
49 129.4 112.1 168.1
51 44.6 35.4 53.0
86 66.2 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 18.87 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBSD01

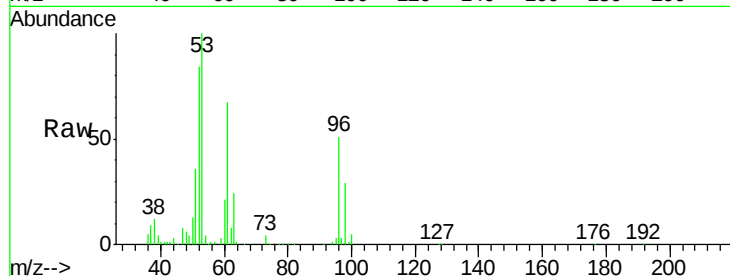
Tgt Ion: 96 Resp: 27485

Ion Ratio Lower Upper

96 100

61 131.1 123.5 185.3

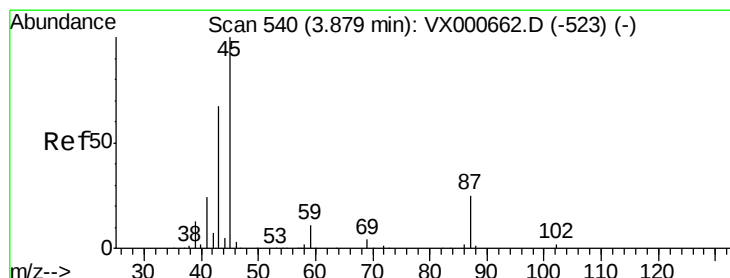
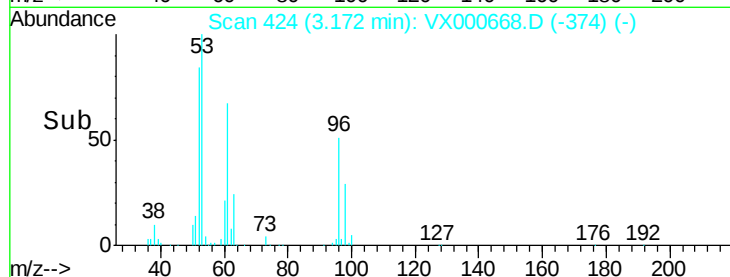
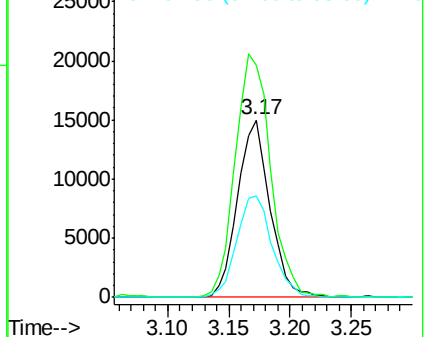
98 57.5 51.9 77.9



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: 17.82 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Tgt Ion: 45 Resp: 68303

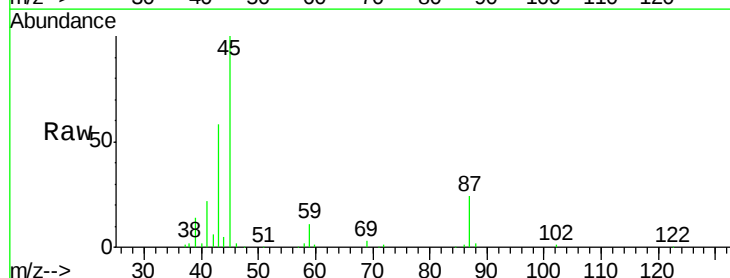
Ion Ratio Lower Upper

45 100

43 57.9 53.8 80.8

87 24.4 19.8 29.6

59 11.3 8.6 12.8

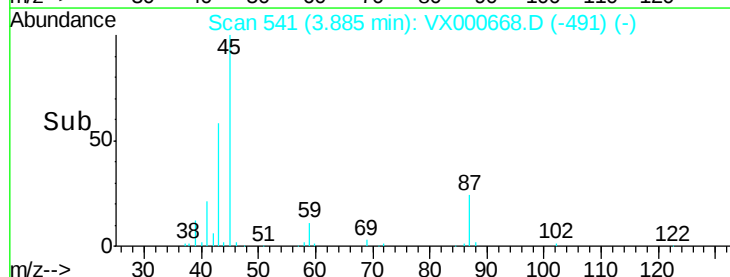
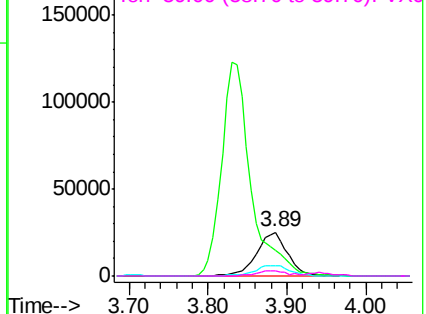


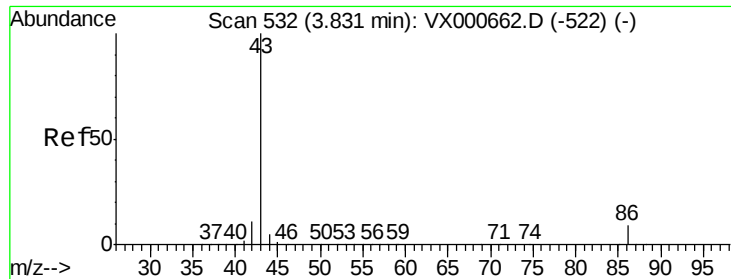
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 86.30 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

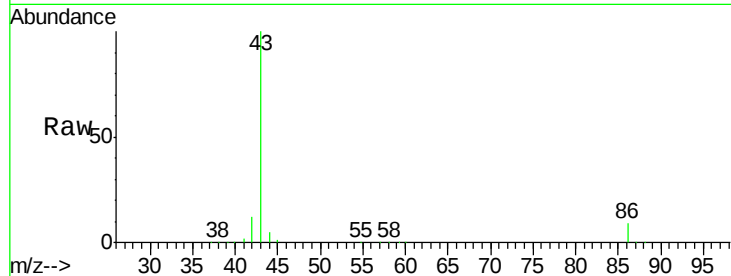
VX0404WBSD01

Tgt Ion: 43 Resp: 319880

Ion Ratio Lower Upper

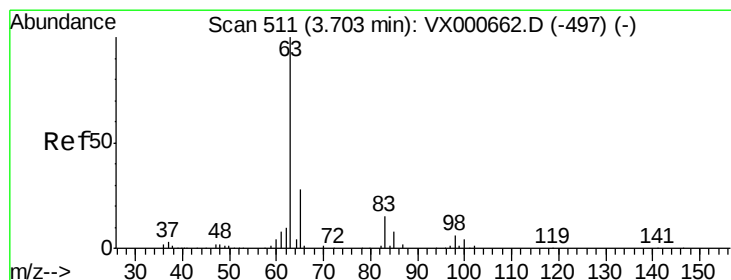
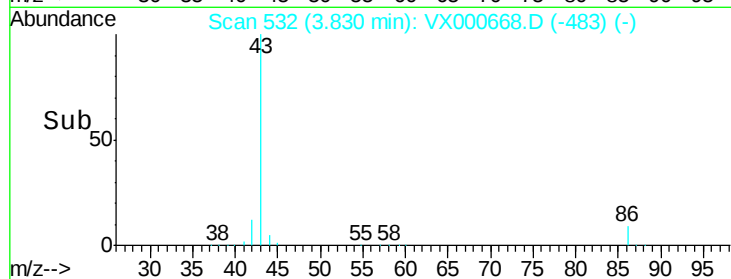
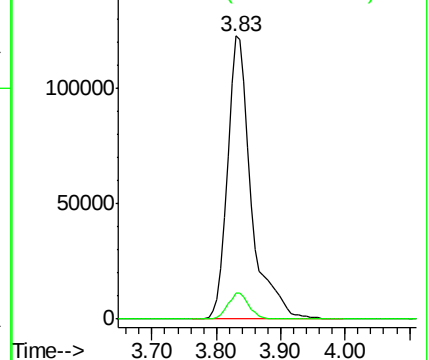
43 100

86 9.4 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.55 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

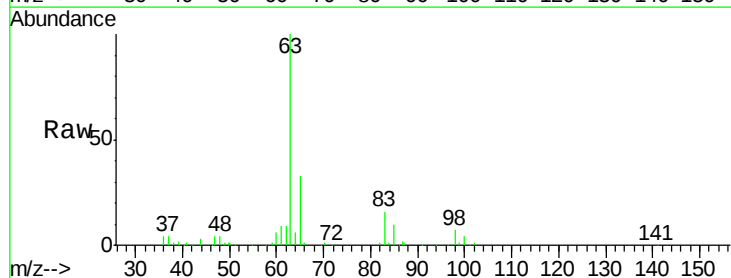
Tgt Ion: 63 Resp: 49812

Ion Ratio Lower Upper

63 100

98 7.0 3.0 9.0

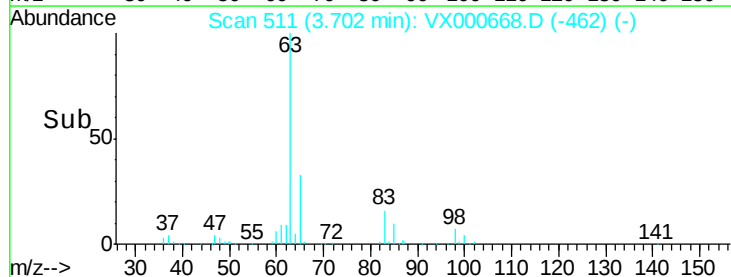
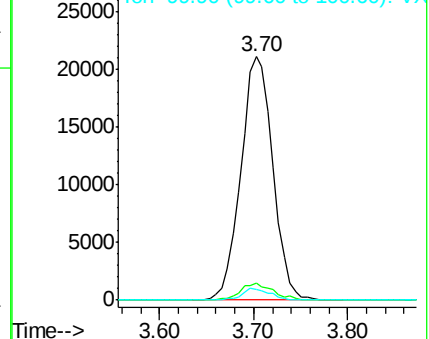
100 4.4 2.1 6.2

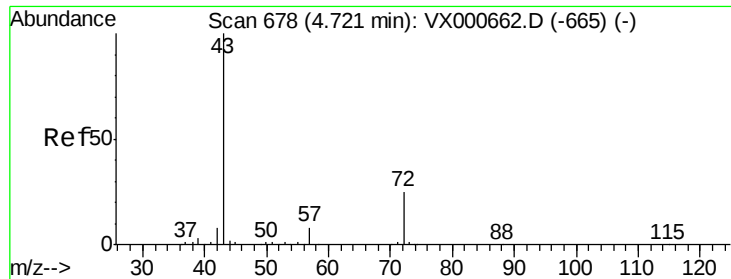


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 98.83 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

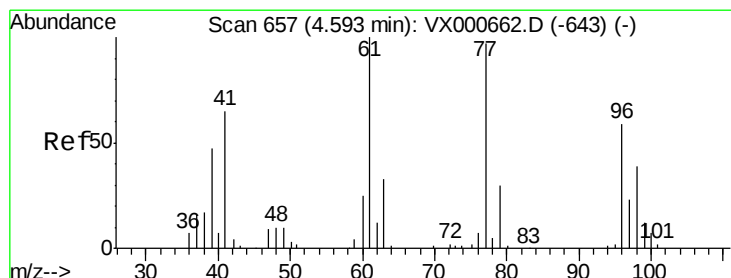
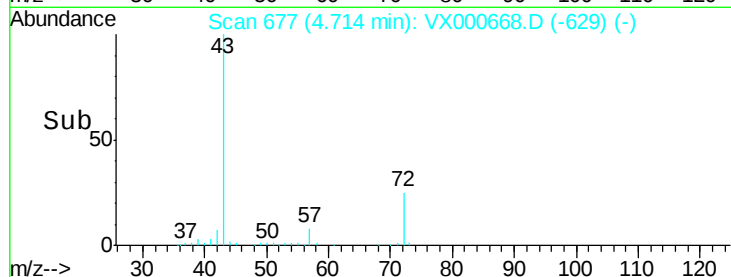
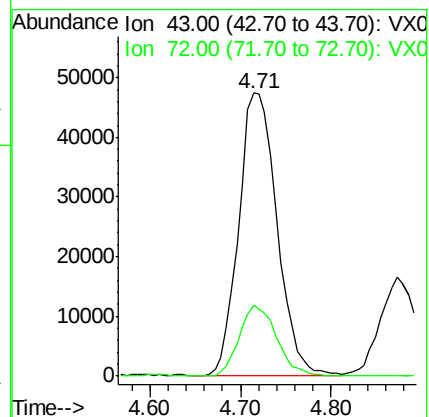
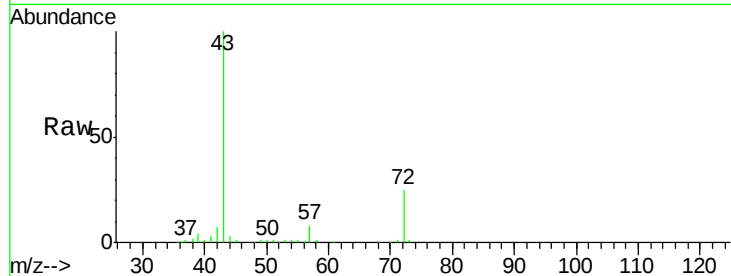
VX0404WBSD01

Tgt Ion: 43 Resp: 138552

Ion Ratio Lower Upper

43 100

72 24.9 20.0 30.0



#26

2,2-Dichloropropane

Concen: 20.05 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000668.D

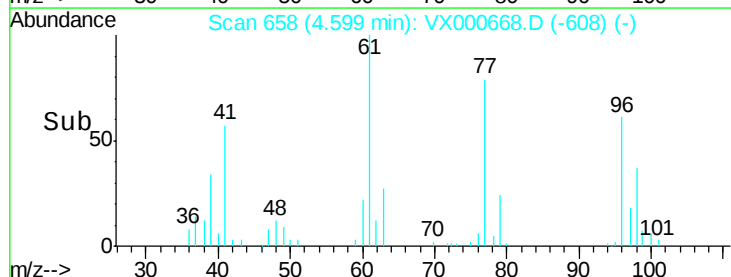
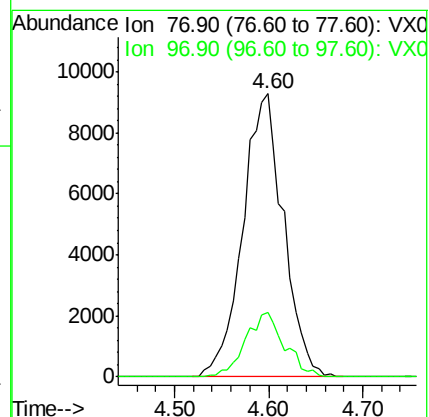
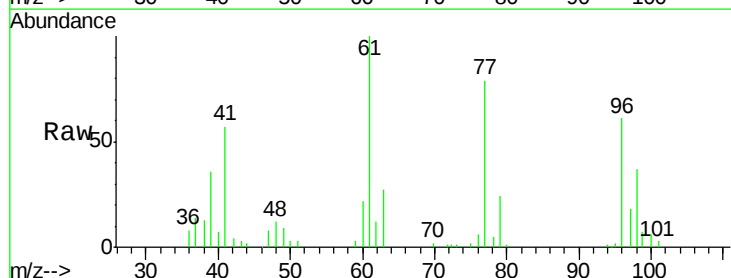
Acq: 04 Apr 2018 20:26

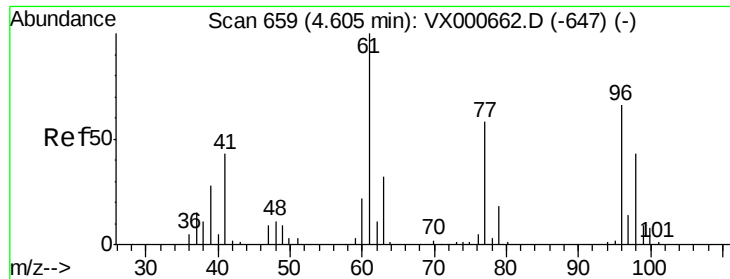
Tgt Ion: 77 Resp: 27975

Ion Ratio Lower Upper

77 100

97 21.9 11.5 34.4



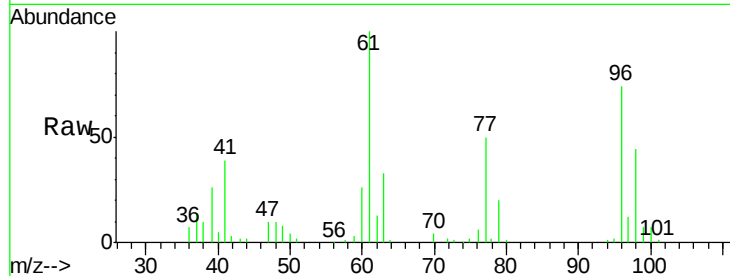


#27

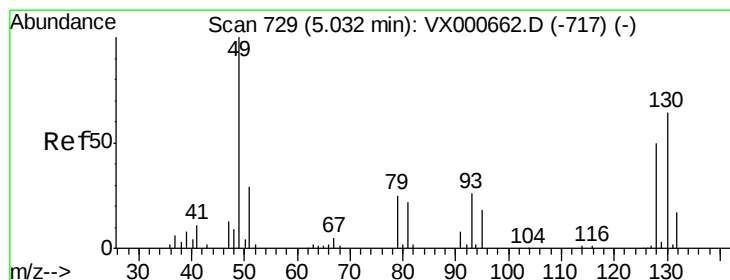
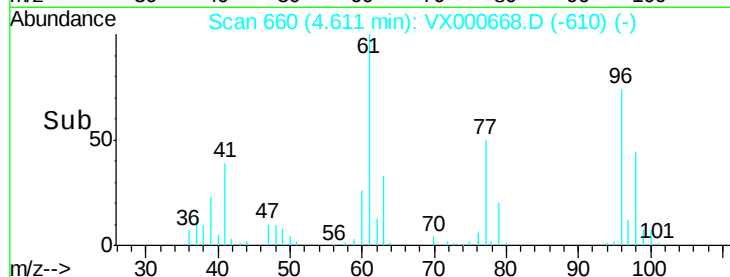
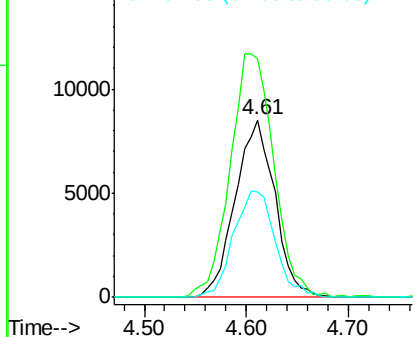
cis-1,2-Dichloroethene
 Concen: 20.85 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBSD01

Tgt Ion: 96 Resp: 22989
 Ion Ratio Lower Upper
 96 100
 61 151.0 0.0 309.4
 98 63.0 0.0 129.2



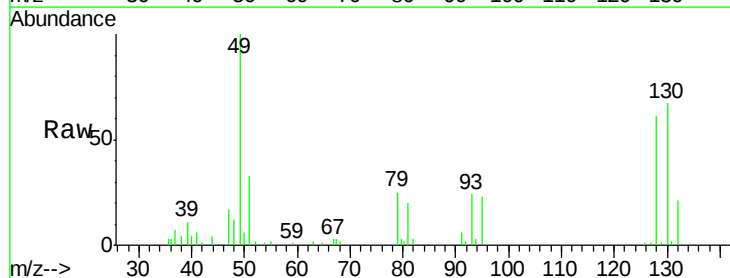
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



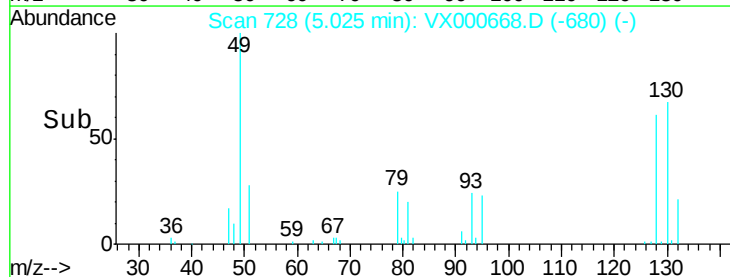
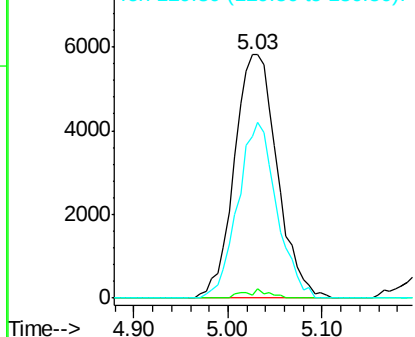
#28

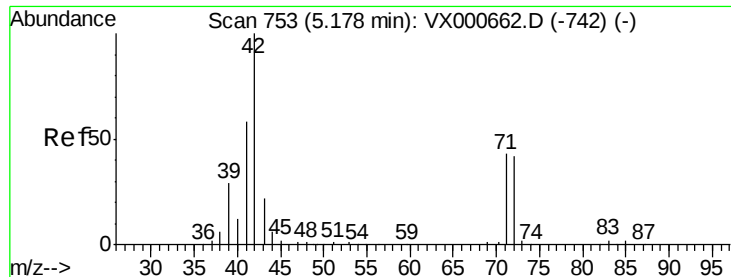
Bromochloromethane
 Concen: 19.33 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Tgt Ion: 49 Resp: 18454
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.8
 130 65.6 53.8 80.6



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

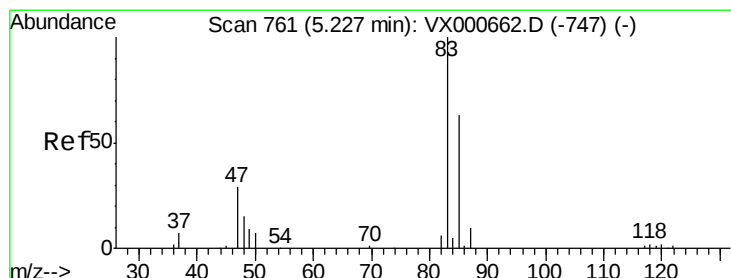
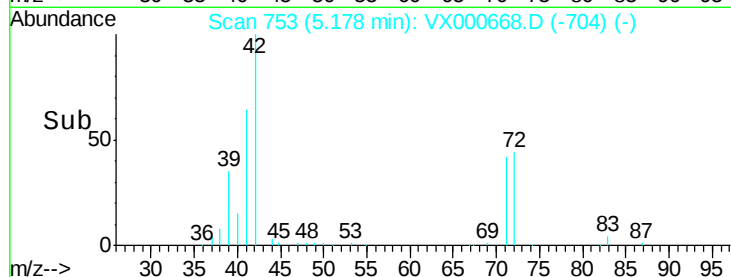
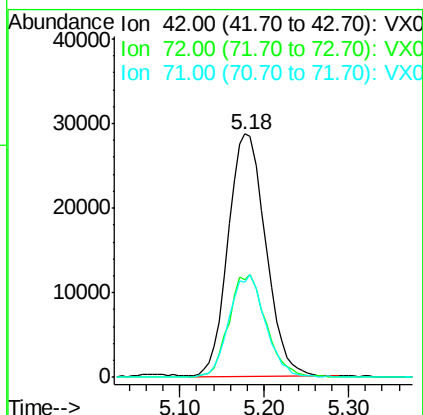
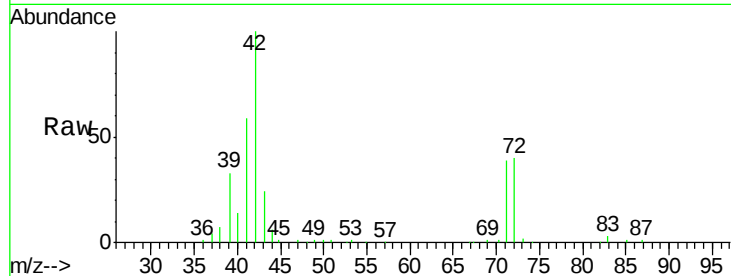




#29
Tetrahydrofuran
Concen: 96.54 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

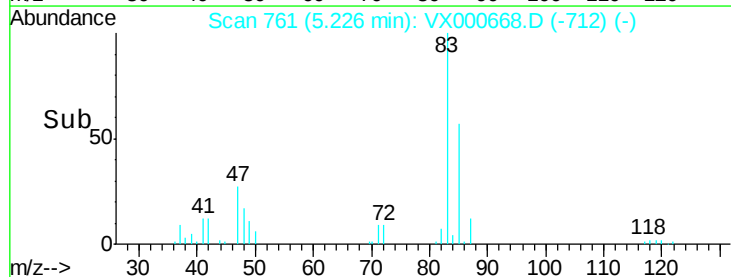
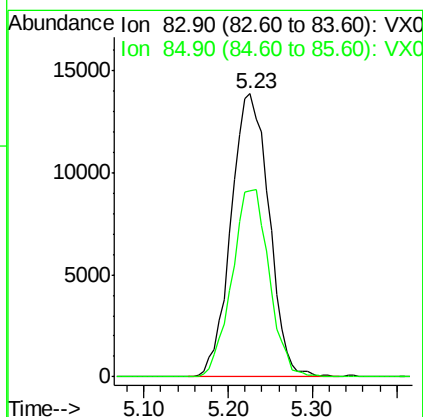
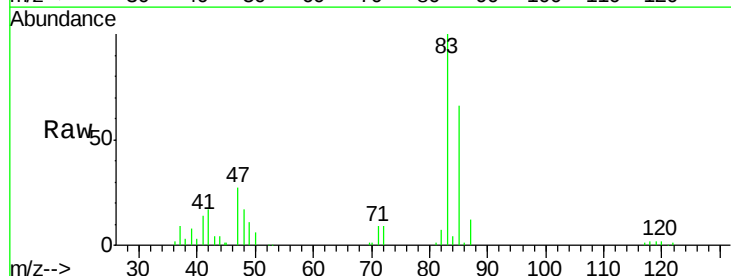
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBSD01

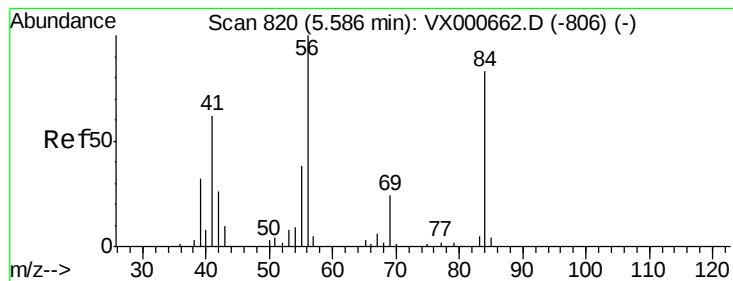
Tgt Ion: 42 Resp: 87082
Ion Ratio Lower Upper
42 100
72 41.6 34.5 51.7
71 40.8 32.2 48.2



#30
Chloroform
Concen: 19.55 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Tgt Ion: 83 Resp: 42235
Ion Ratio Lower Upper
83 100
85 65.8 50.2 75.4





#31

Cyclohexane

Concen: 18.88 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBSD01

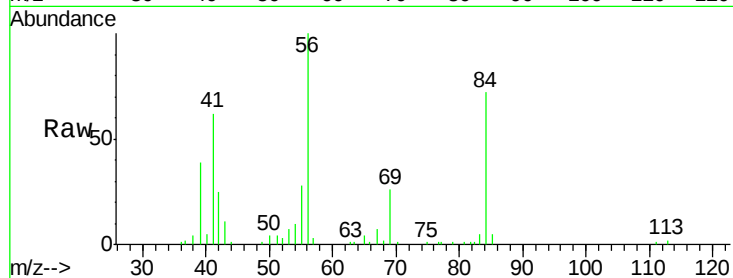
Tgt Ion: 56 Resp: 31329

Ion Ratio Lower Upper

56 100

69 25.7 19.4 29.0

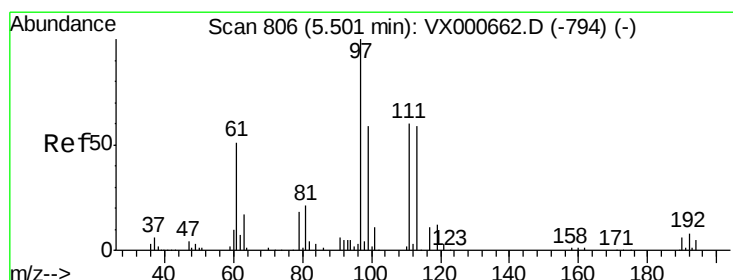
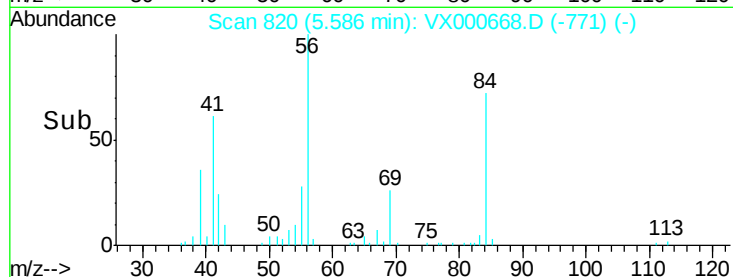
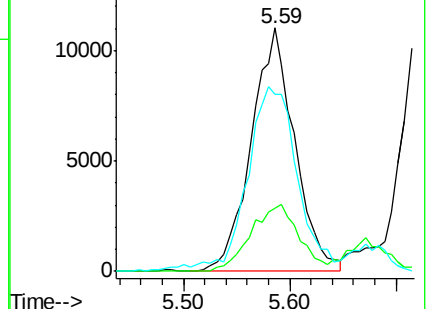
84 70.8 66.8 100.2



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: 20.66 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

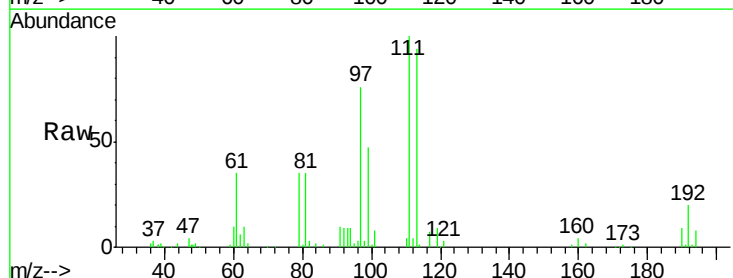
Tgt Ion: 97 Resp: 36725

Ion Ratio Lower Upper

97 100

99 65.2 51.7 77.5

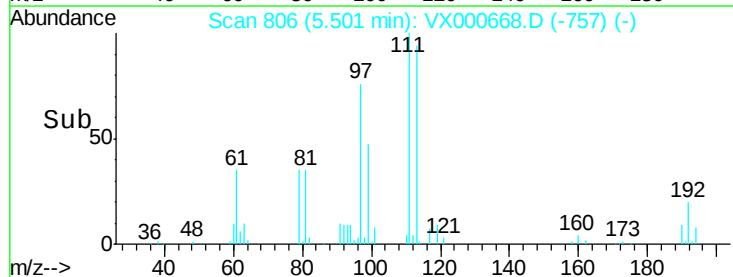
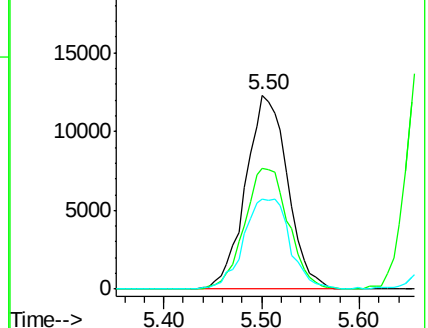
61 51.5 41.4 62.2

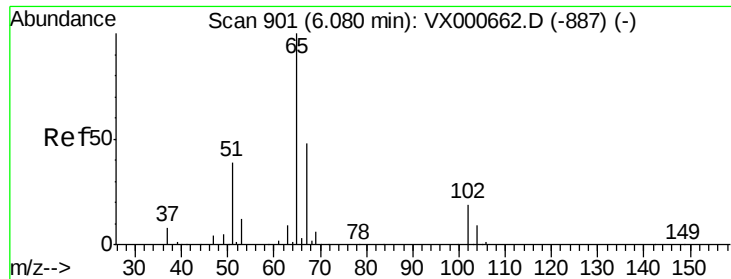


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.29 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

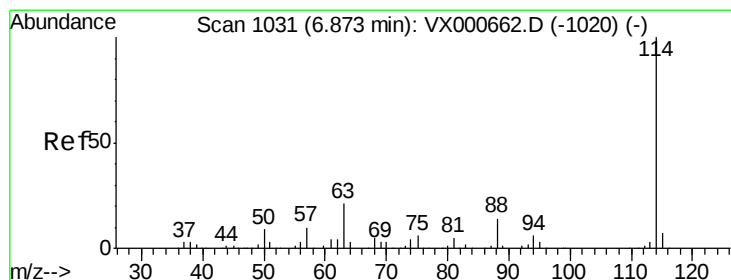
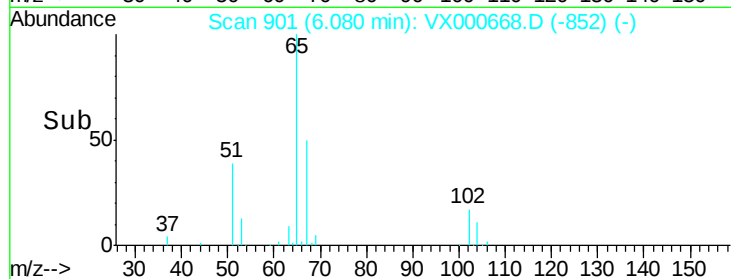
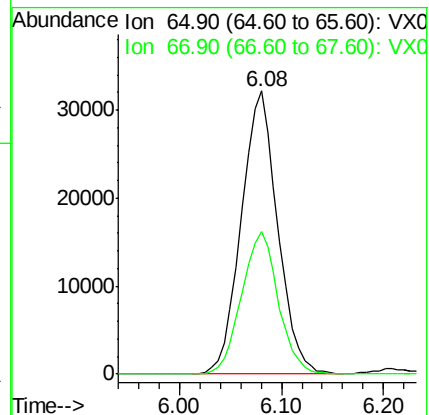
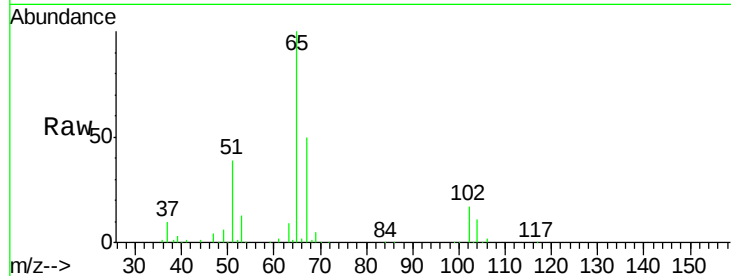
VX0404WBSD01

Tgt Ion: 65 Resp: 79487

Ion Ratio Lower Upper

65 100

67 50.9 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

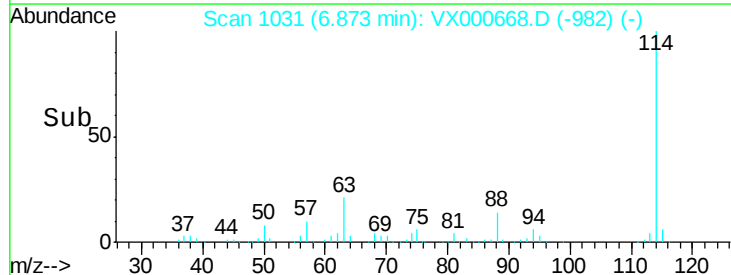
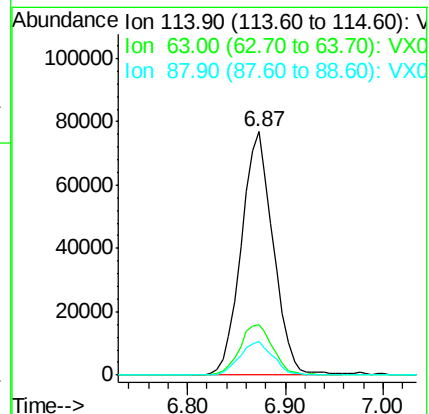
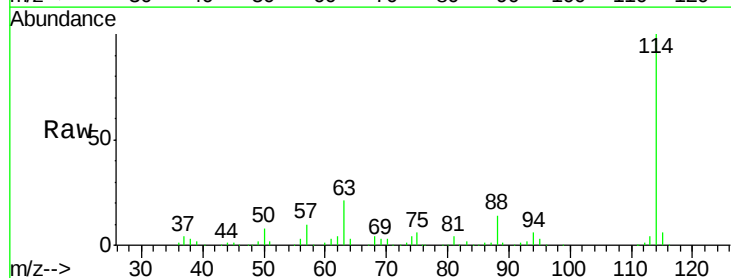
Tgt Ion: 114 Resp: 173633

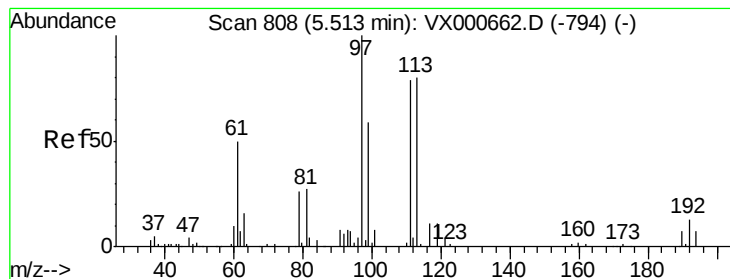
Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.6

88 14.0 0.0 28.6





#35

Dibromofluoromethane

Concen: 48.07 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBSD01

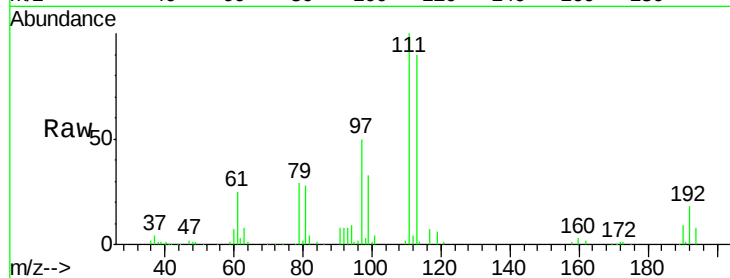
Tgt Ion:113 Resp: 56982

Ion Ratio Lower Upper

113 100

111 103.2 82.0 123.0

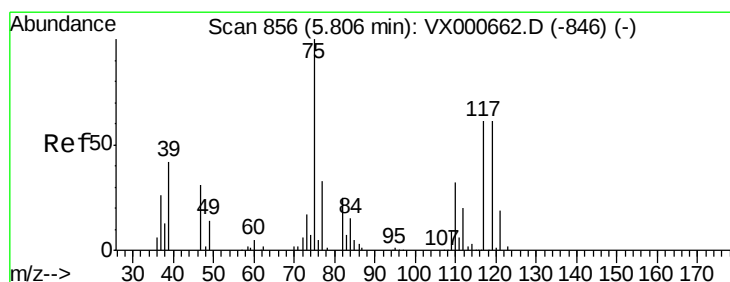
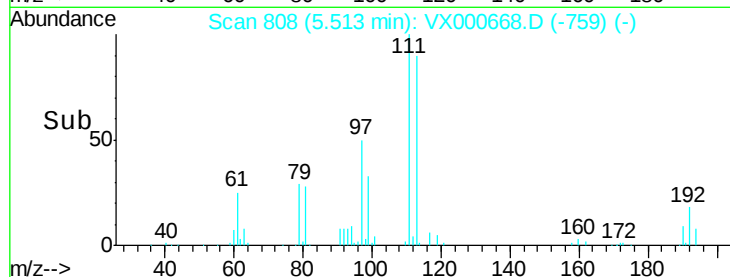
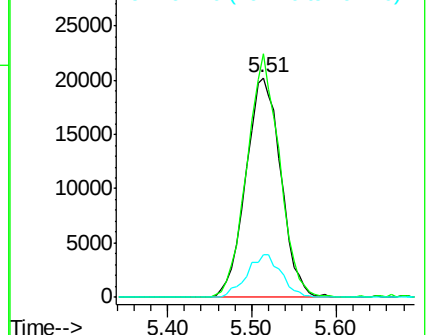
192 19.1 14.3 21.5



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: 18.70 ug/l

RT: 5.81 min Scan# 857

Delta R.T. 0.01 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

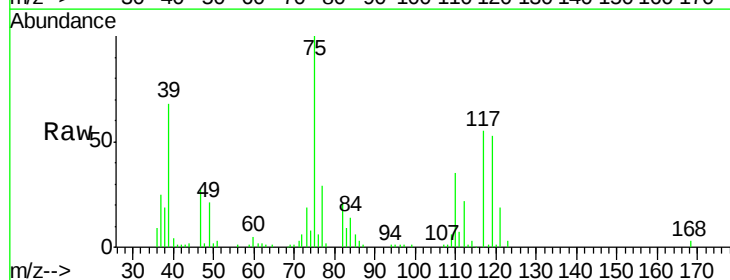
Tgt Ion: 75 Resp: 30119

Ion Ratio Lower Upper

75 100

110 34.1 16.3 48.9

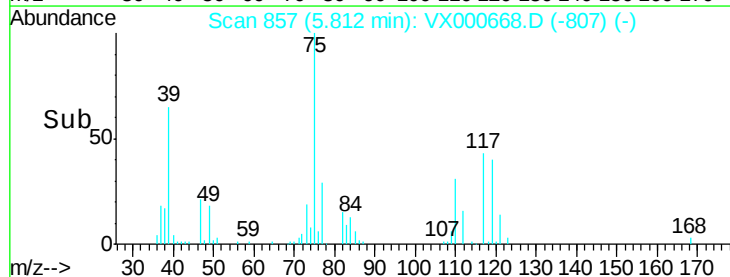
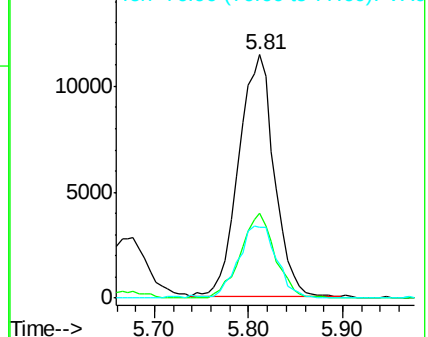
77 32.0 24.3 36.5

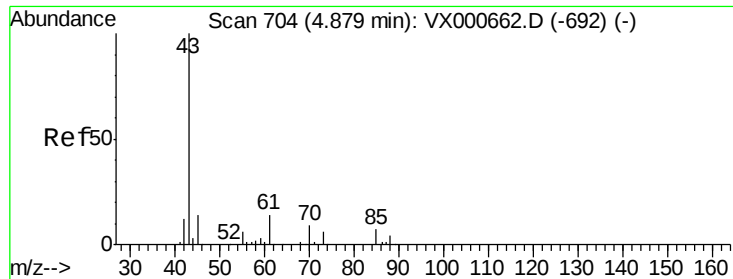


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

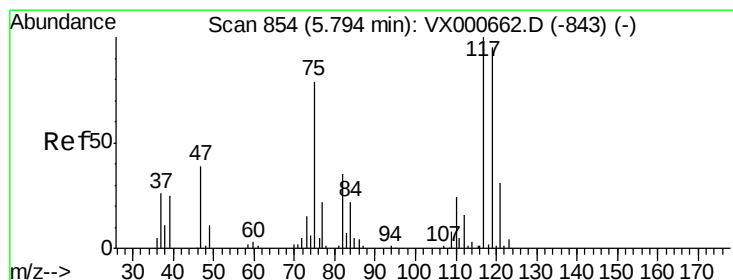
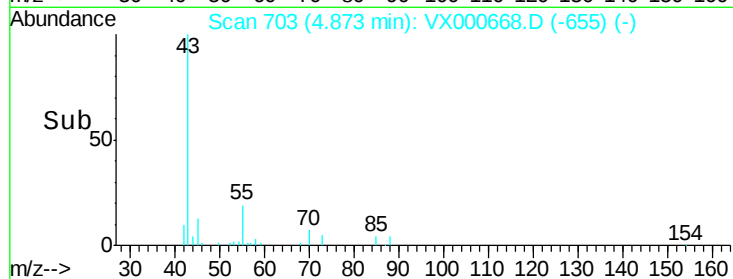
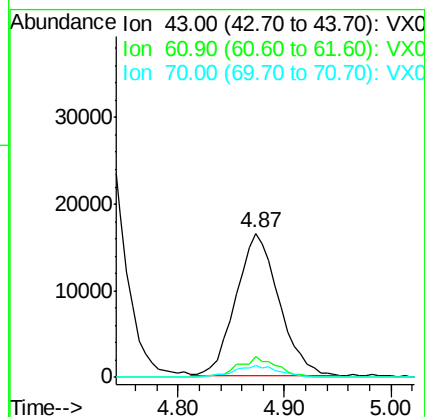
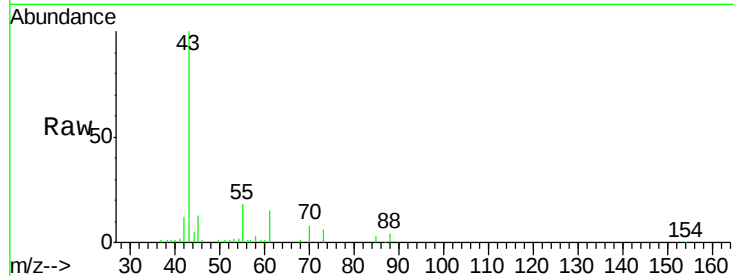




#37
Ethyl Acetate
Concen: 18.87 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

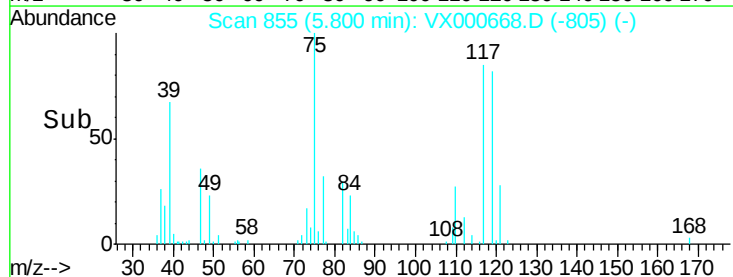
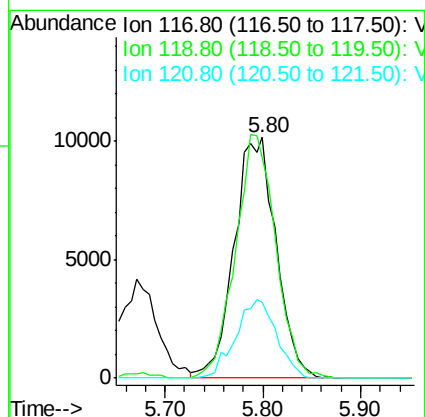
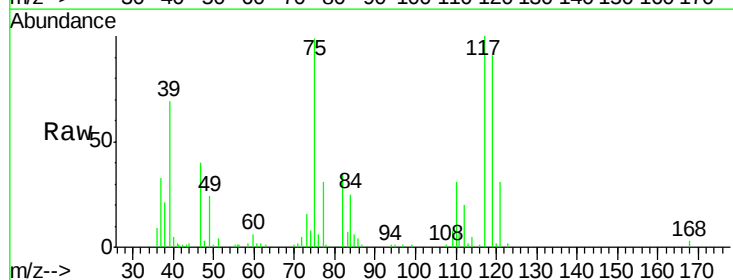
Instrument :
MSVOA_X
ClientSampled :
VX0404WBSD01

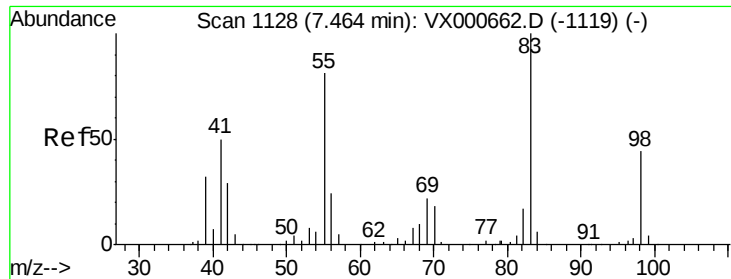
Tgt Ion: 43 Resp: 46247
Ion Ratio Lower Upper
43 100
61 13.3 10.4 15.6
70 8.4 6.8 10.2



#38
Carbon Tetrachloride
Concen: 19.38 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.01 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Tgt Ion: 117 Resp: 30041
Ion Ratio Lower Upper
117 100
119 91.4 76.1 114.1
121 31.4 24.8 37.2

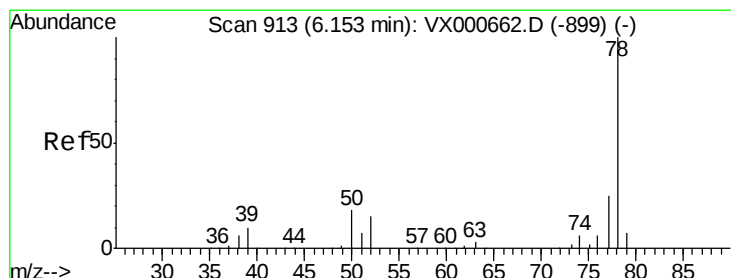
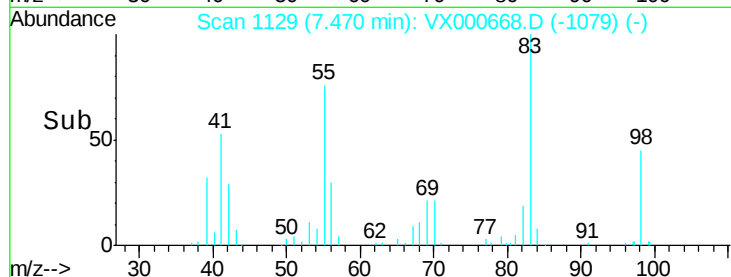
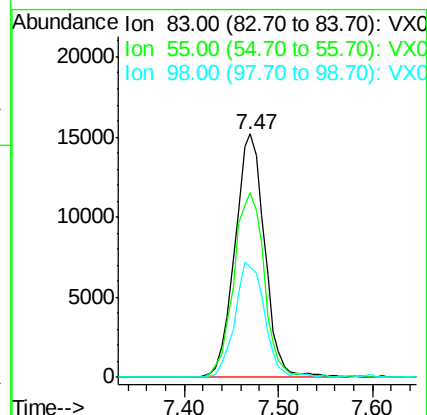
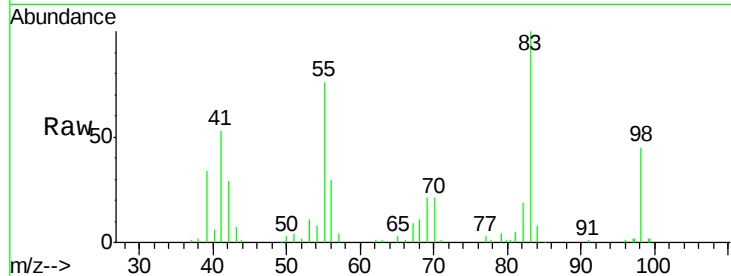




#39
Methylcyclohexane
Concen: 17.90 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

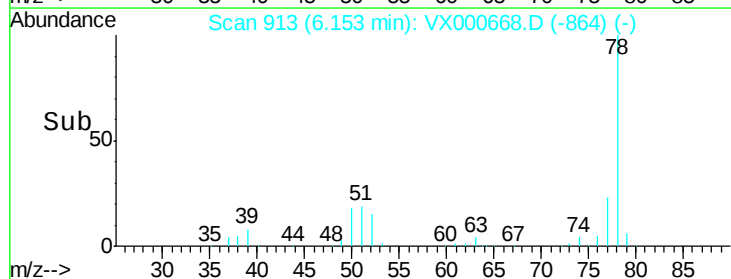
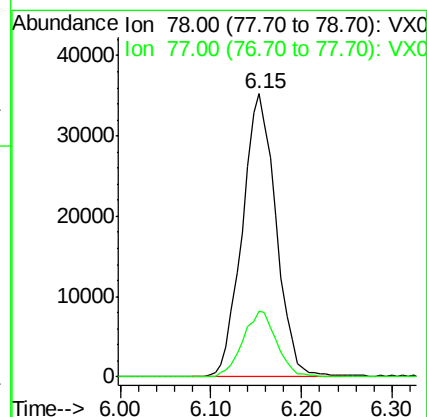
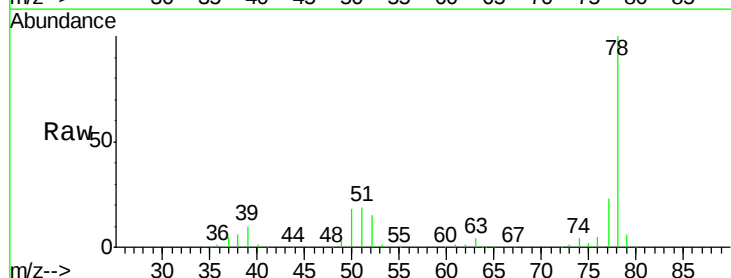
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBSD01

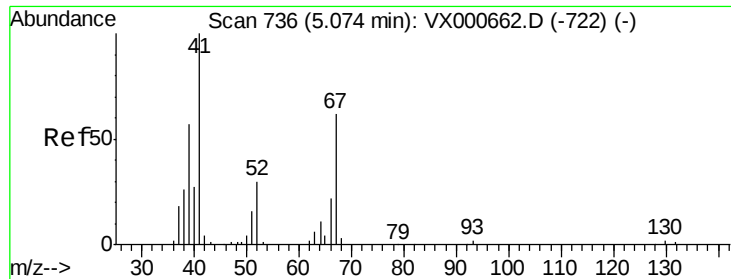
Tgt Ion: 83 Resp: 33329
Ion Ratio Lower Upper
83 100
55 75.7 64.5 96.7
98 45.2 35.0 52.6



#40
Benzene
Concen: 19.73 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Tgt Ion: 78 Resp: 90741
Ion Ratio Lower Upper
78 100
77 23.3 20.2 30.2

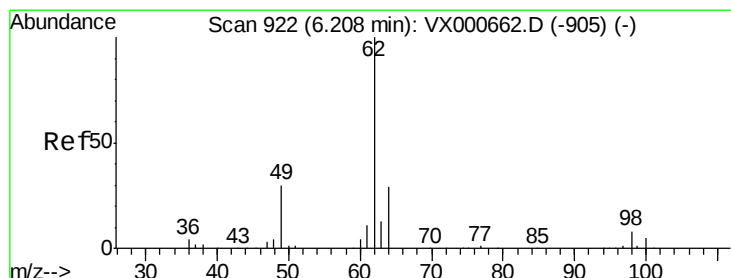
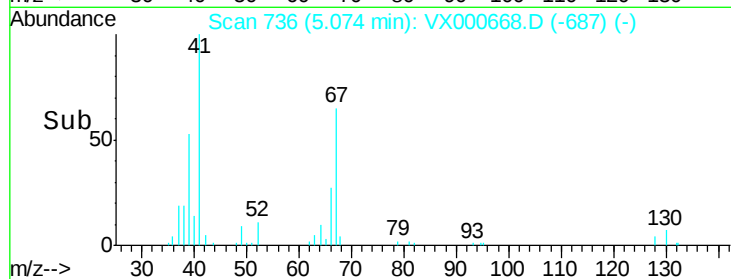
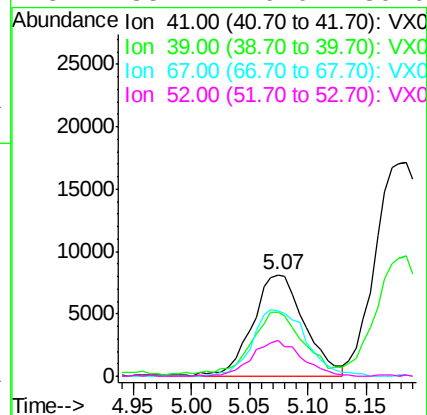
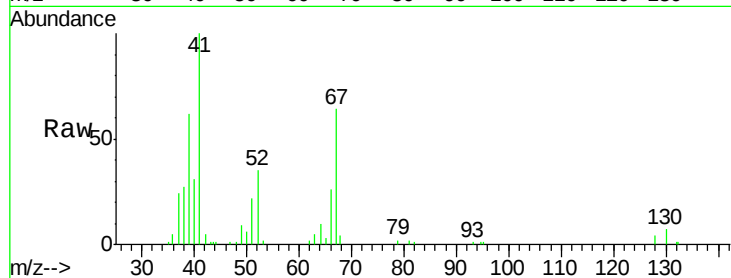




#41
Methacrylonitrile
Concen: 18.68 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

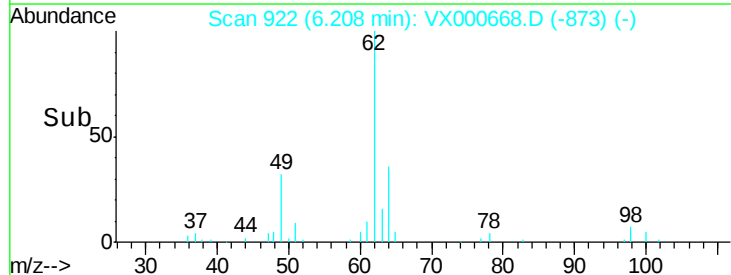
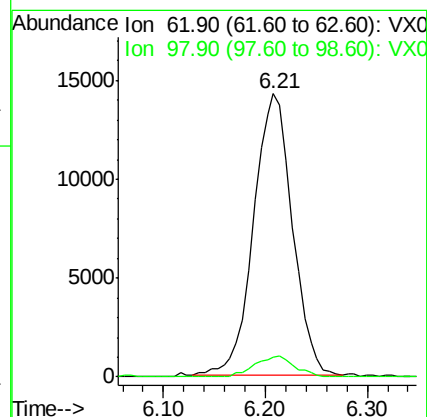
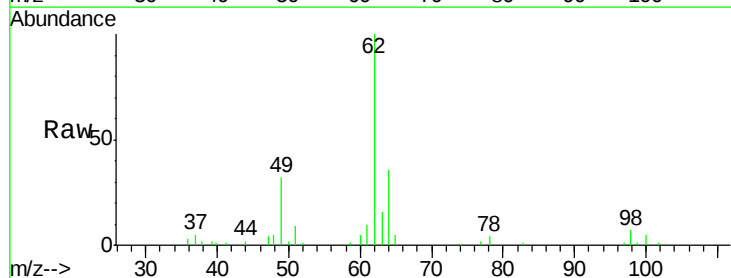
Instrument :
MSVOA_X
ClientSampled :
VX0404WBSD01

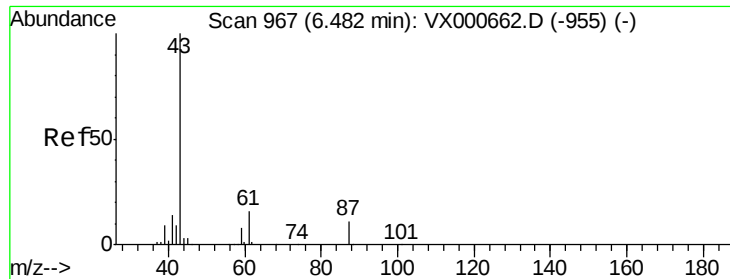
Tgt Ion:	41	Resp:	25085
Ion	Ratio	Lower	Upper
41	100		
39	63.0	46.2	69.4
67	67.9	52.4	78.6
52	33.7	26.0	39.0



#42
1,2-Dichloroethane
Concen: 19.56 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Tgt Ion:	62	Resp:	37626
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	16.2





#43

Isopropyl Acetate

Concen: 19.30 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampled :

VX0404WBSD01

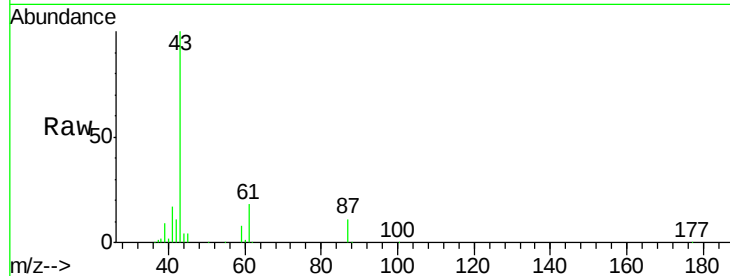
Tgt Ion: 43 Resp: 68602

Ion Ratio Lower Upper

43 100

61 17.1 13.4 20.2

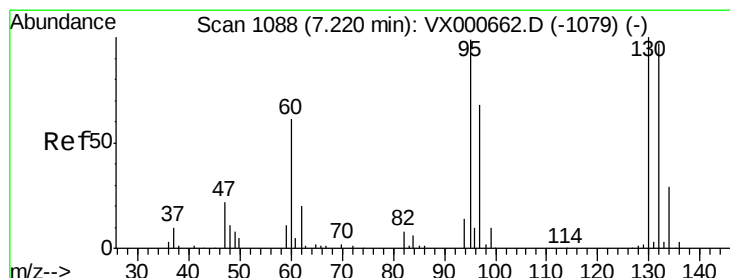
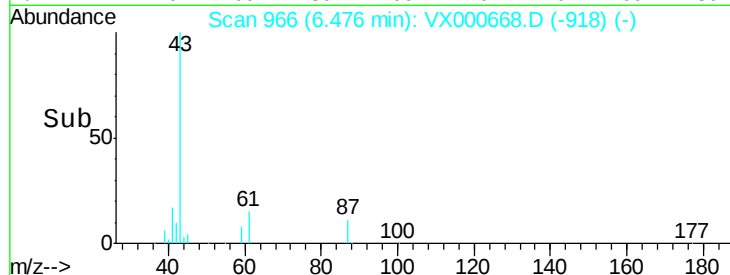
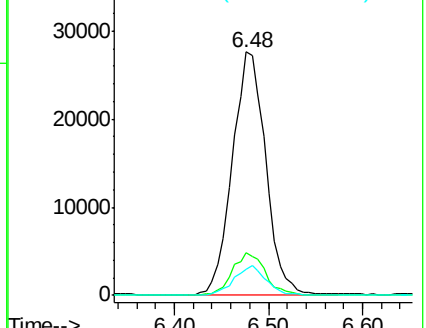
87 11.6 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.85 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000668.D

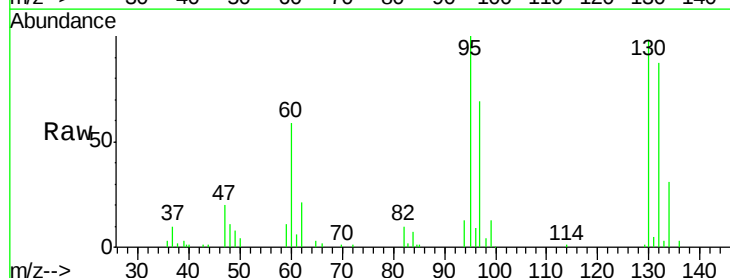
Acq: 04 Apr 2018 20:26

Tgt Ion: 130 Resp: 23960

Ion Ratio Lower Upper

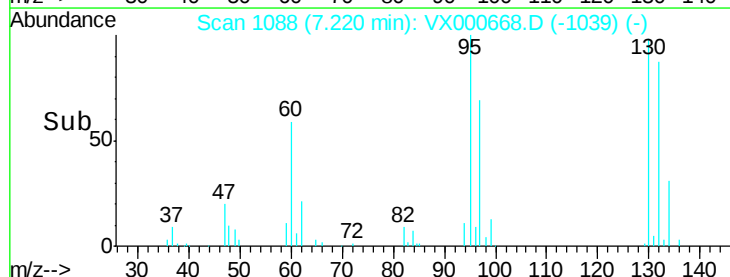
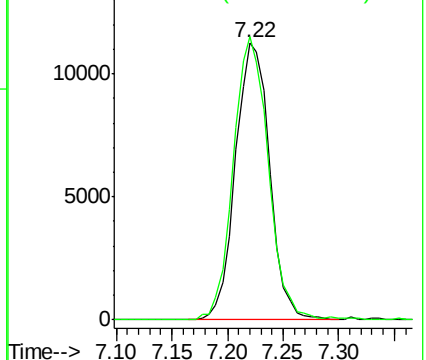
130 100

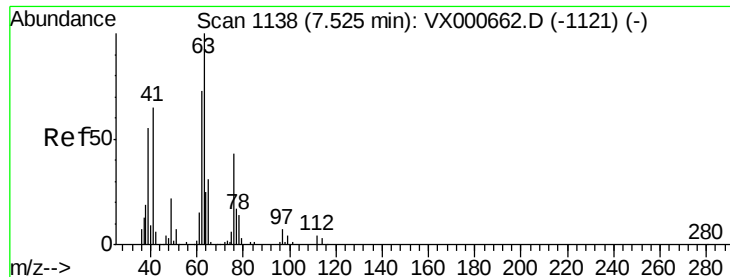
95 102.0 0.0 198.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.85 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

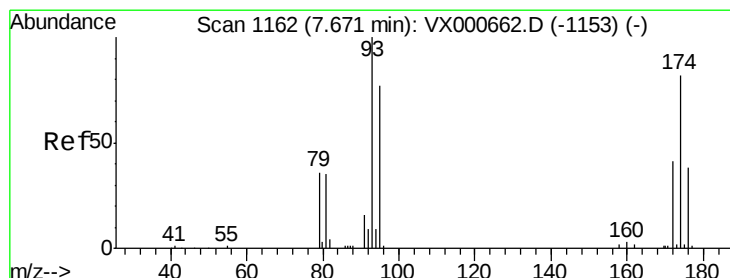
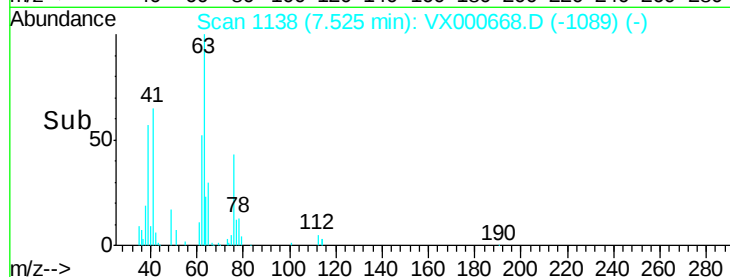
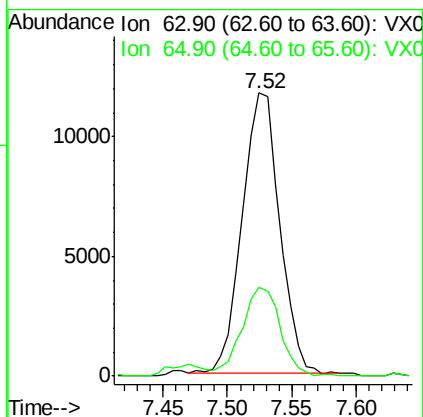
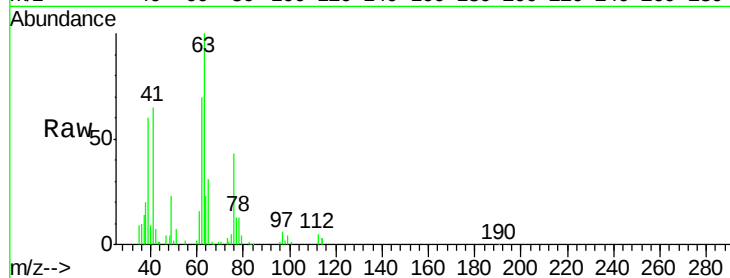
VX0404WBSD01

Tgt Ion: 63 Resp: 23381

Ion Ratio Lower Upper

63 100

65 31.7 24.8 37.2



#46

Dibromomethane

Concen: 20.44 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

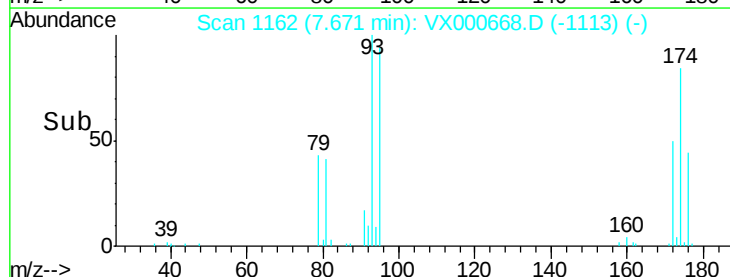
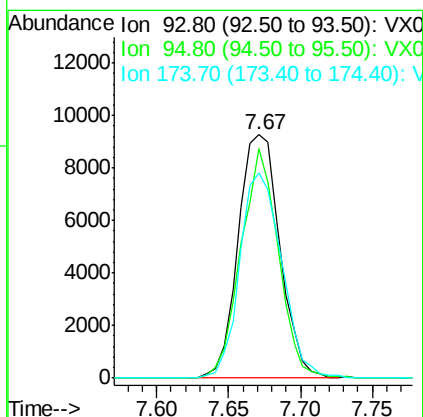
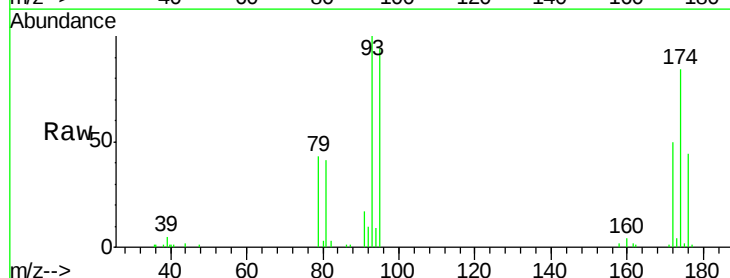
Tgt Ion: 93 Resp: 18597

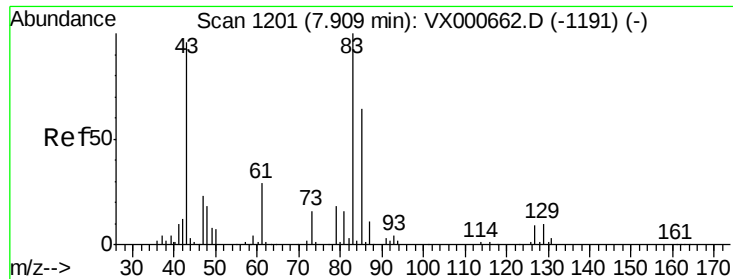
Ion Ratio Lower Upper

93 100

95 85.0 65.3 97.9

174 84.7 70.2 105.4





#47

Bromodichloromethane

Concen: 19.88 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :
MSVOA_X
ClientSampled :
VX0404WBSD01

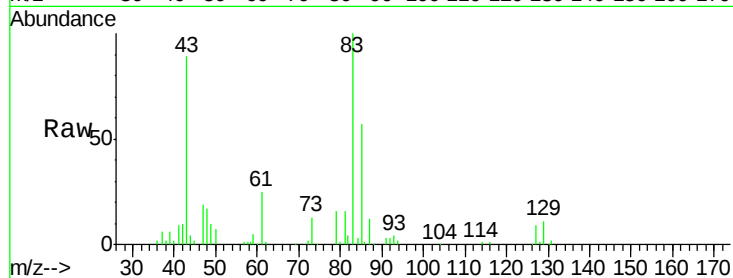
Tgt Ion: 83 Resp: 34403

Ion Ratio Lower Upper

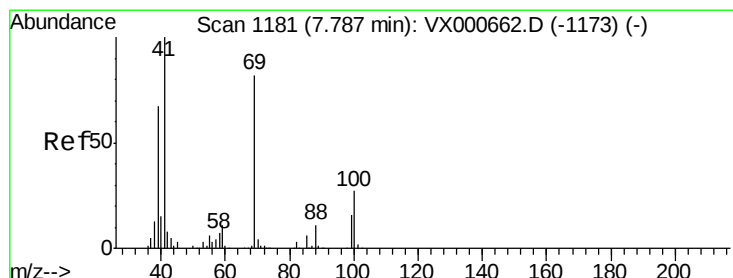
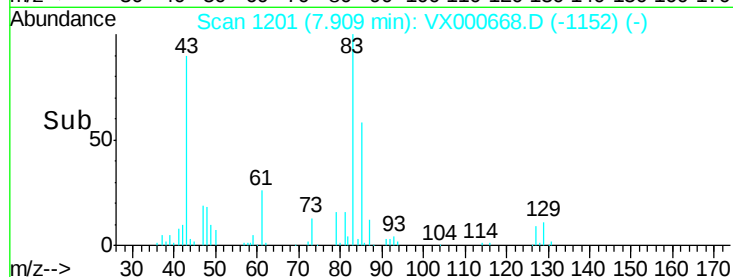
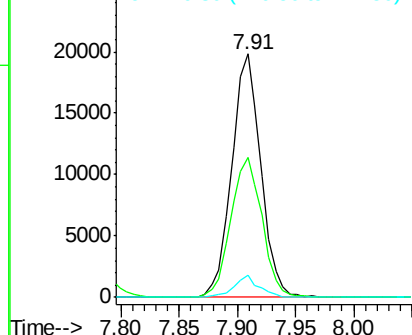
83 100

85 57.4 51.4 77.0

127 8.9 7.3 10.9



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: 18.80 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

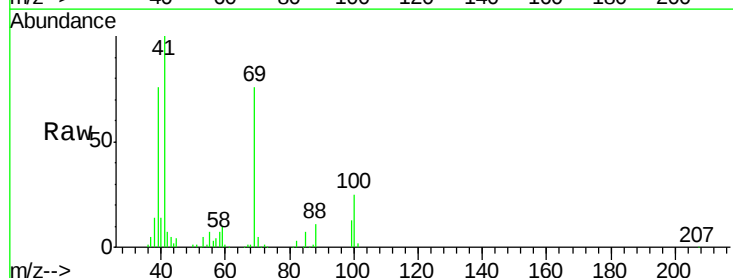
Tgt Ion: 41 Resp: 34248

Ion Ratio Lower Upper

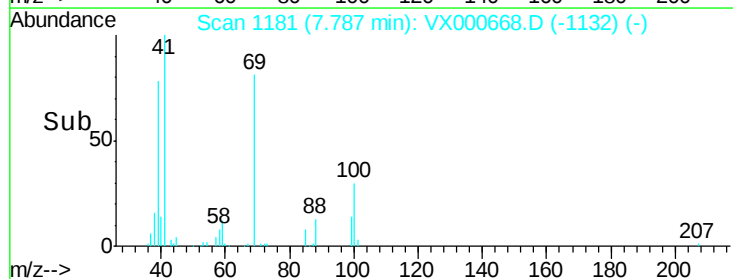
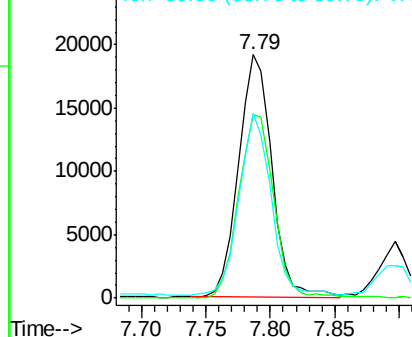
41 100

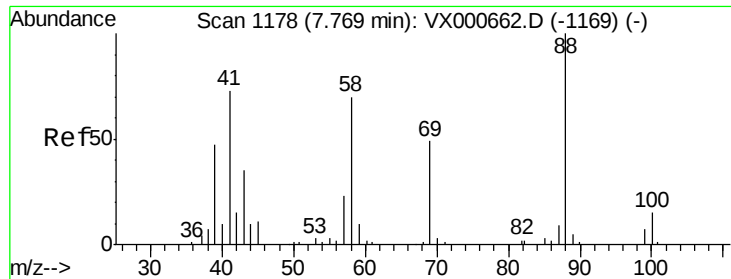
69 79.8 64.3 96.5

39 72.6 57.0 85.4



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

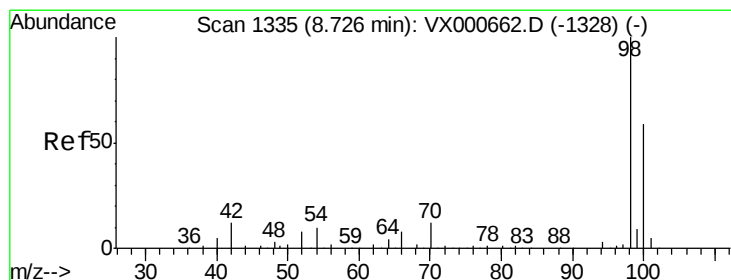
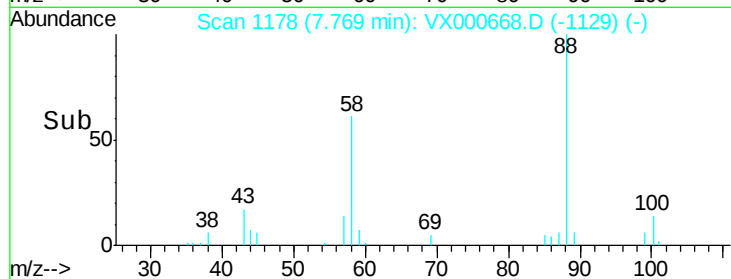
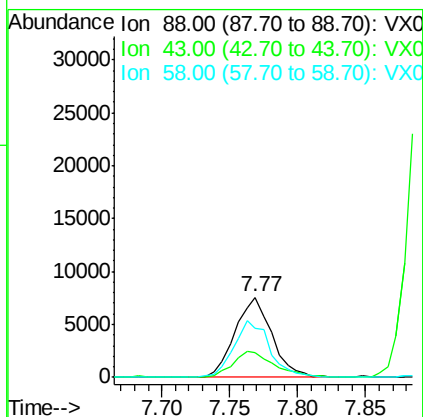
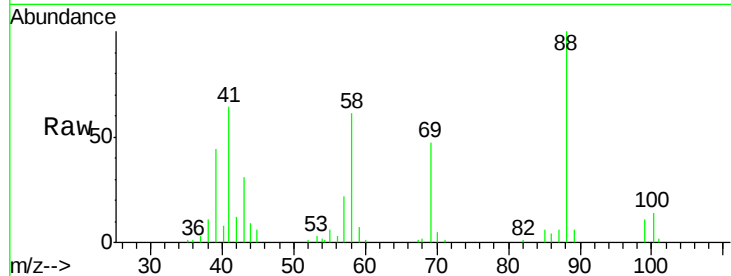




#49
1,4-Dioxane
Concen: 369.63 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

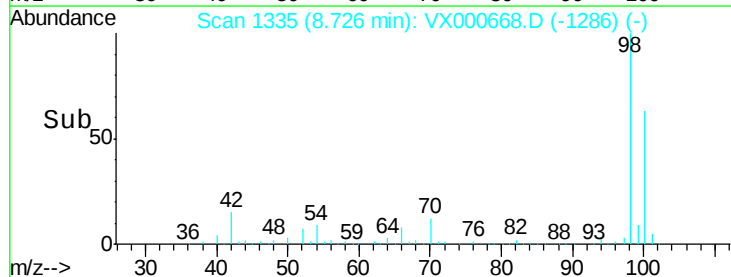
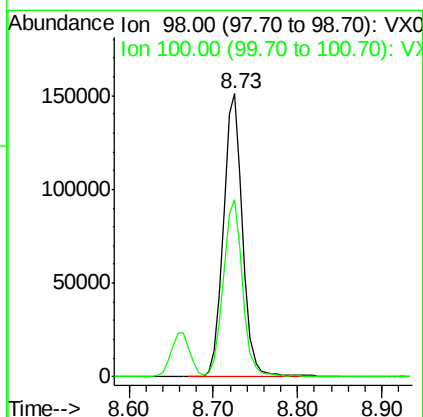
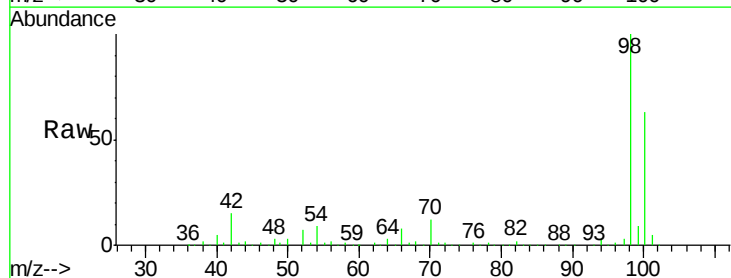
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBSD01

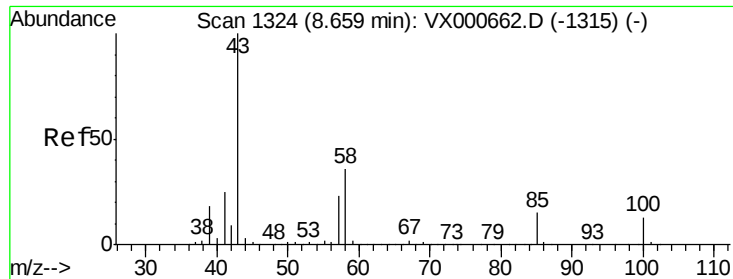
Tgt Ion: 88 Resp: 14270
Ion Ratio Lower Upper
88 100
43 36.7 29.4 44.0
58 69.8 53.4 80.0



#50
Toluene-d8
Concen: 47.00 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Tgt Ion: 98 Resp: 236869
Ion Ratio Lower Upper
98 100
100 62.1 51.0 76.6





#51

4-Methyl-2-Pentanone

Concen: 97.77 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

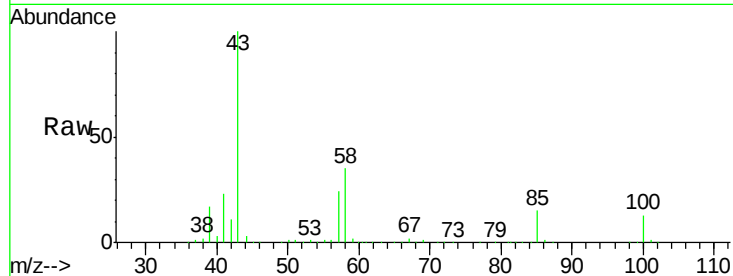
VX0404WBSD01

Tgt Ion: 43 Resp: 282606

Ion Ratio Lower Upper

43 100

58 35.0 28.2 42.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

200000

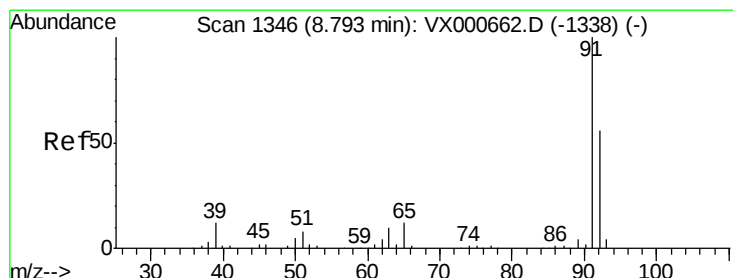
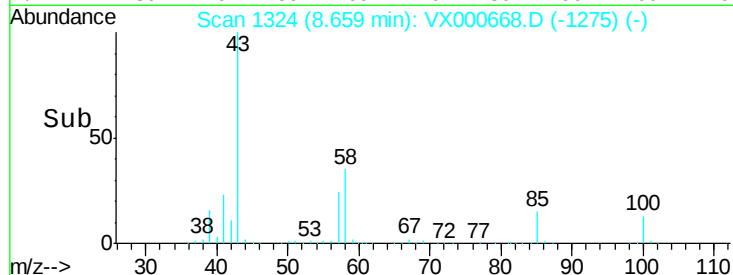
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.68 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000668.D

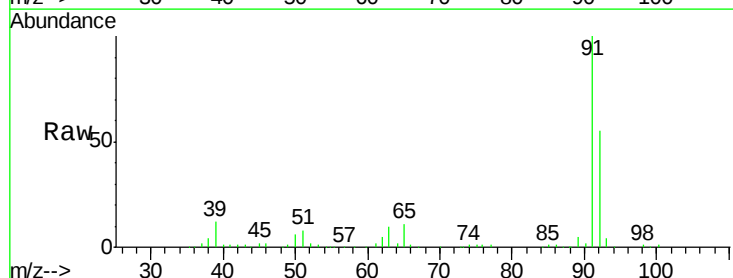
Acq: 04 Apr 2018 20:26

Tgt Ion: 92 Resp: 60710

Ion Ratio Lower Upper

92 100

91 179.9 141.7 212.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

80000

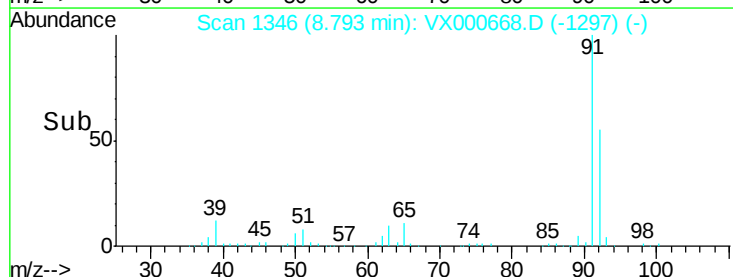
60000

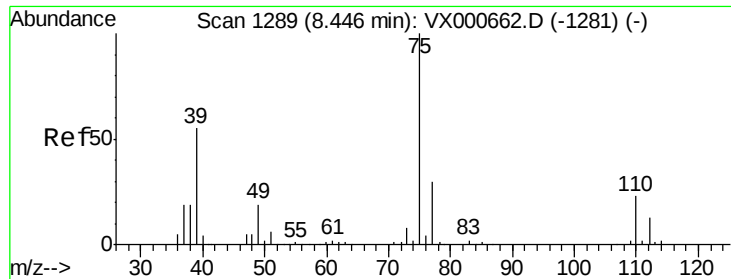
40000

20000

0

Time-->

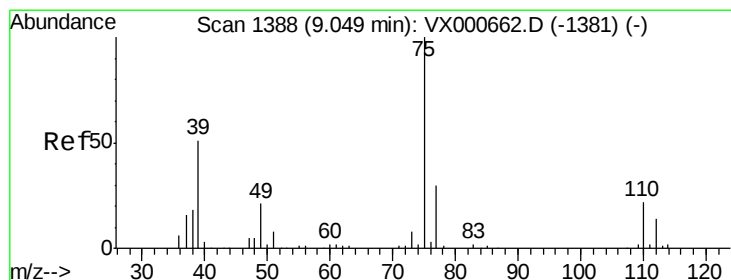
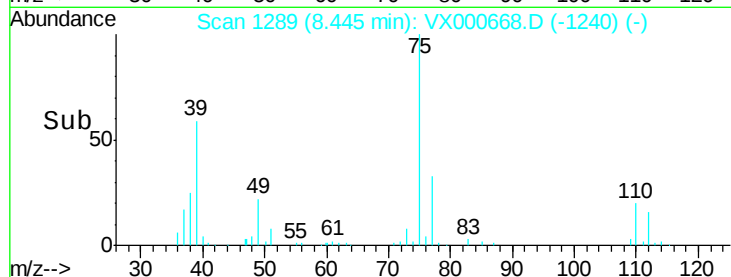
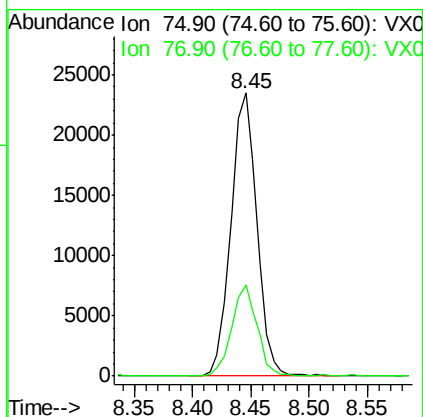
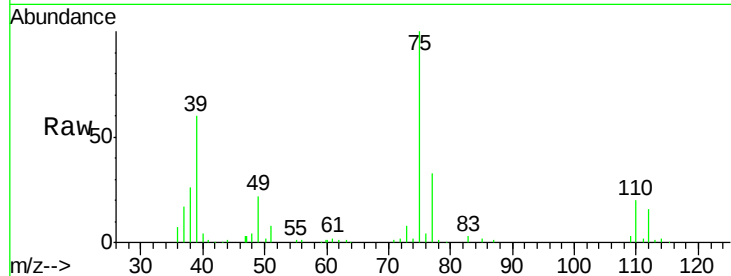




#53
 t-1,3-Dichloropropene
 Concen: 19.50 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

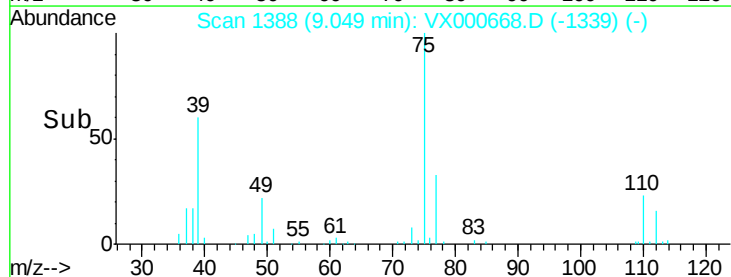
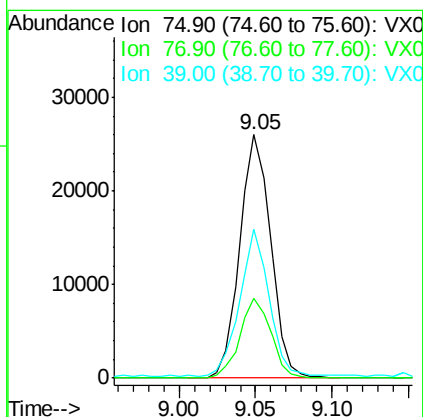
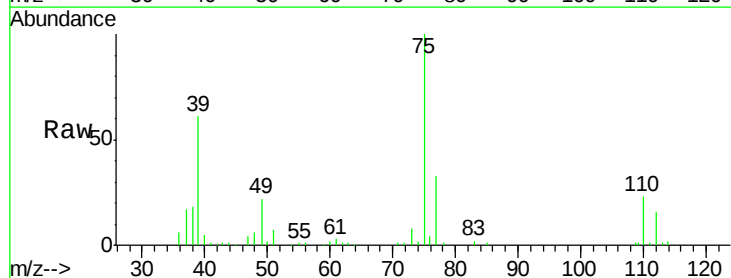
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0404WBSD01

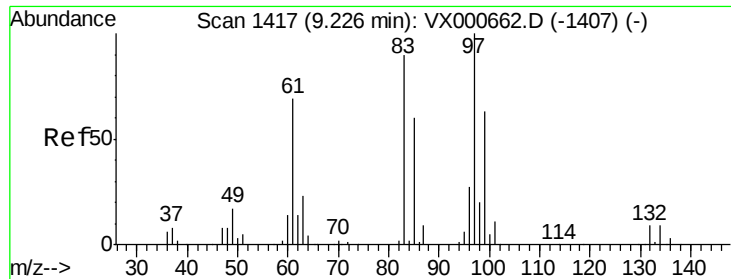
Tgt Ion: 75 Resp: 36484
 Ion Ratio Lower Upper
 75 100
 77 32.5 23.8 35.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.25 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Tgt Ion: 75 Resp: 36444
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.1 36.1
 39 60.0 40.7 61.1

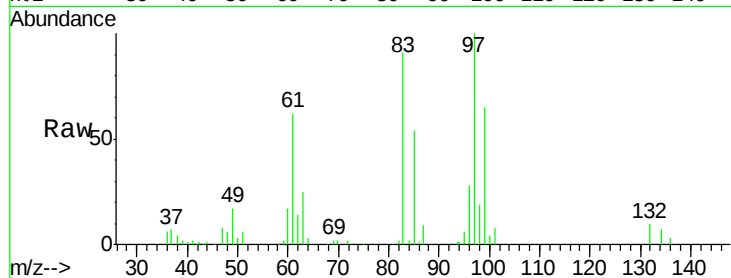




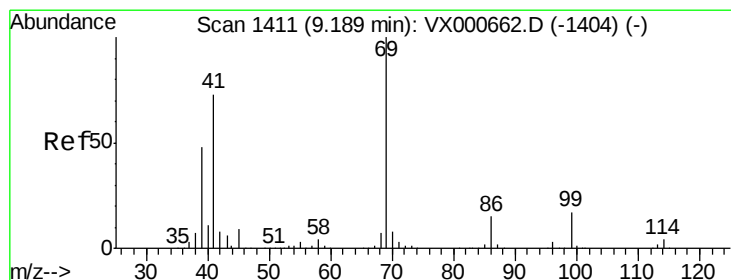
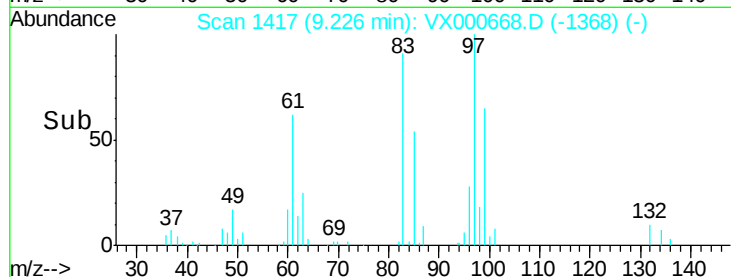
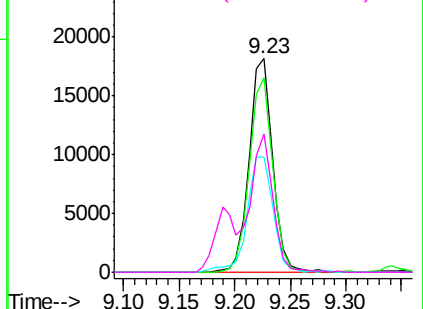
#55
 1,1,2-Trichloroethane
 Concen: 19.78 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBSD01

Tgt Ion:	97	Resp:	26804
Ion	Ratio	Lower	Upper
97	100		
83	91.1	72.1	108.1
85	53.7	48.3	72.5
99	64.6	51.0	76.6

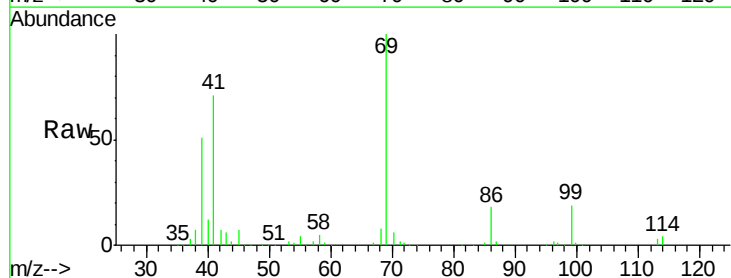


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

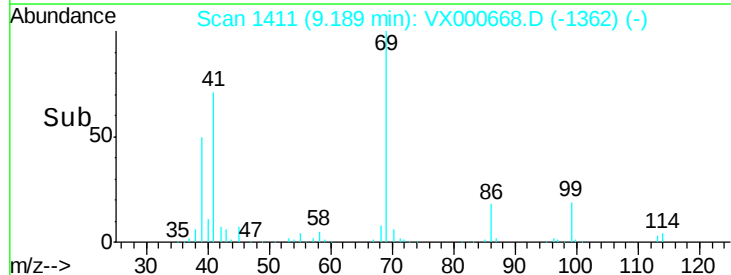
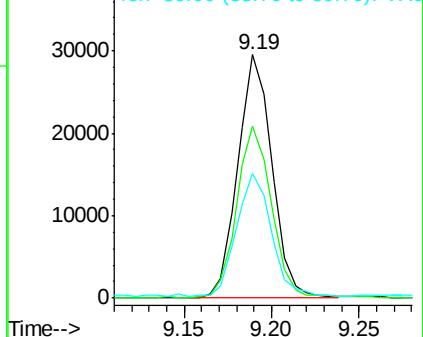


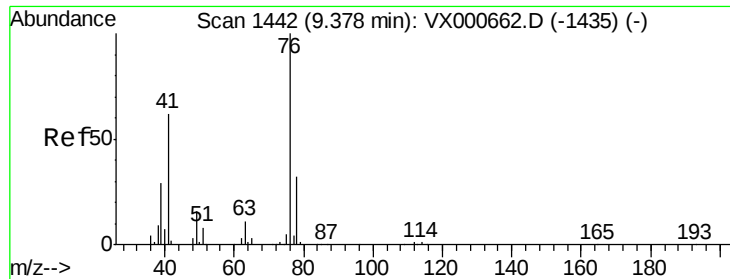
#56
 Ethyl methacrylate
 Concen: 19.25 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Tgt Ion:	69	Resp:	40117
Ion	Ratio	Lower	Upper
69	100		
41	70.9	56.5	84.7
39	51.2	39.8	59.8



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.32 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

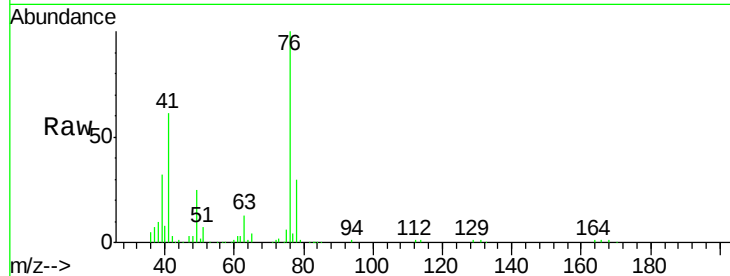
VX0404WBSD01

Tgt Ion: 76 Resp: 45084

Ion Ratio Lower Upper

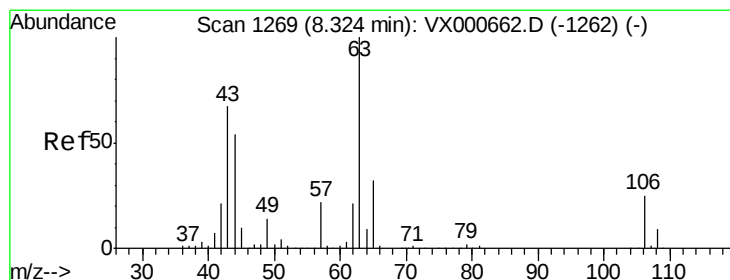
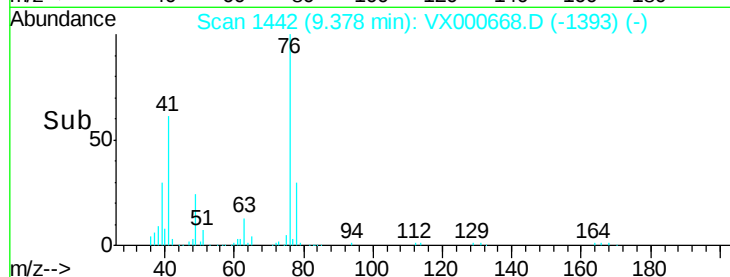
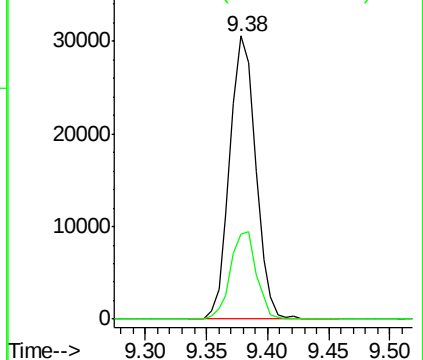
76 100

78 30.8 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 105.64 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000668.D

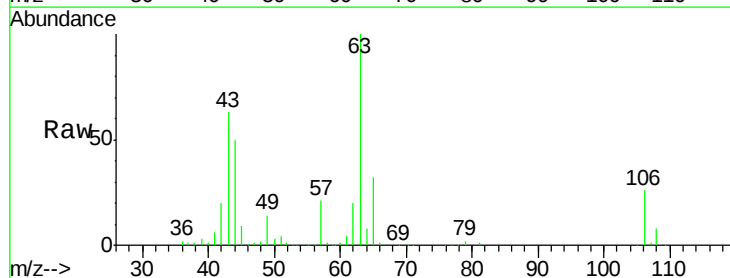
Acq: 04 Apr 2018 20:26

Tgt Ion: 63 Resp: 100305

Ion Ratio Lower Upper

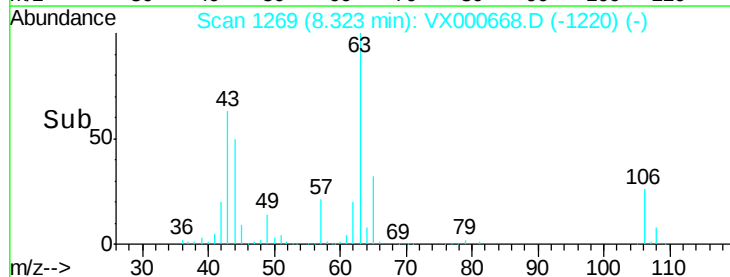
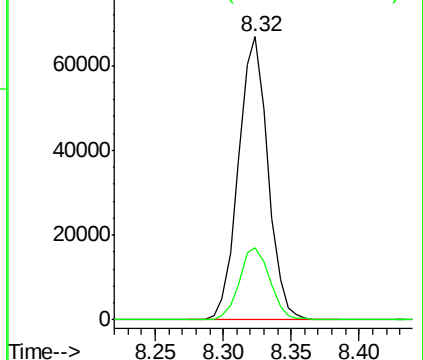
63 100

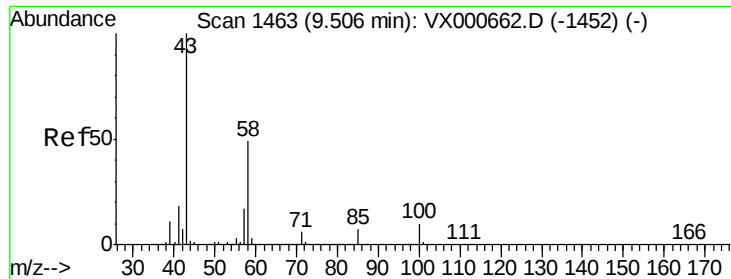
106 26.6 20.5 30.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

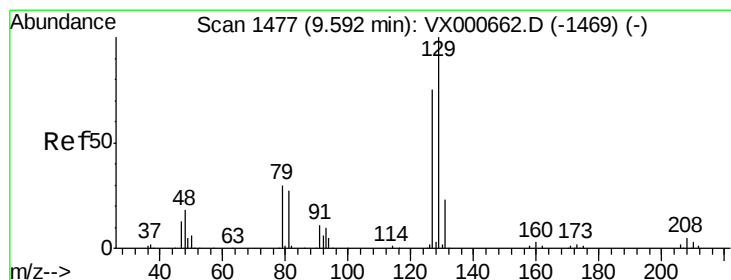
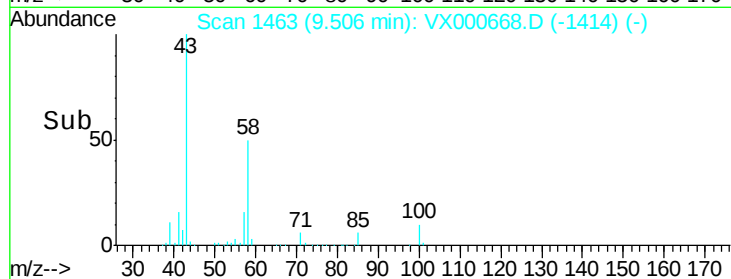
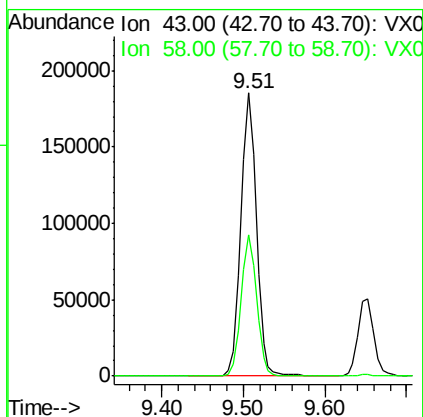
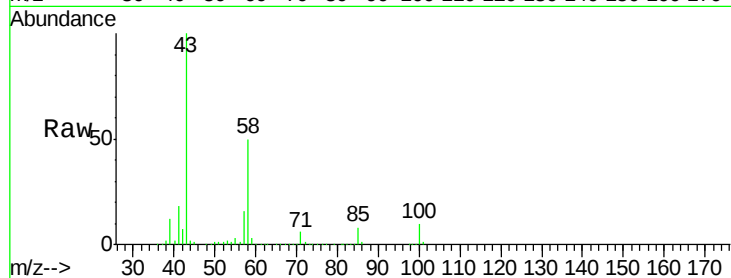




#59
2-Hexanone
Concen: 99.21 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

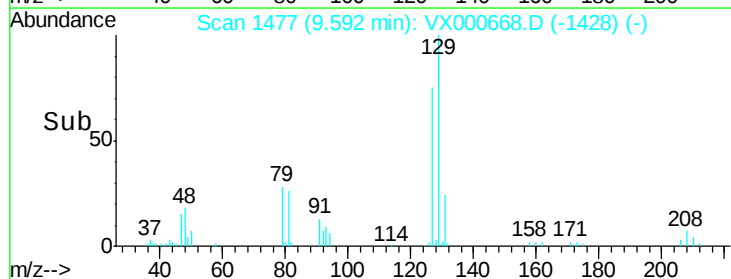
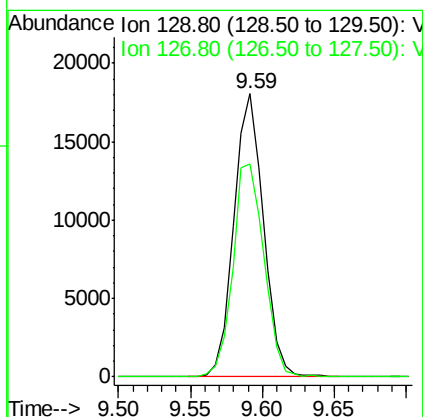
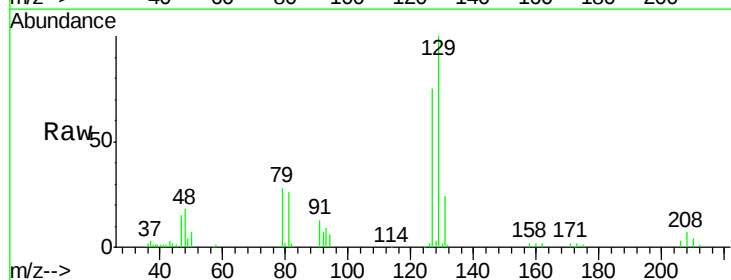
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBSD01

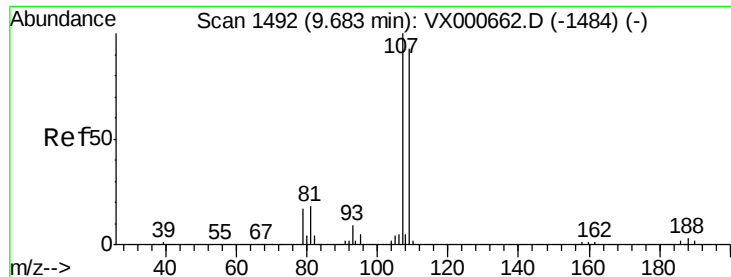
Tgt Ion: 43 Resp: 243862
Ion Ratio Lower Upper
43 100
58 49.8 24.8 74.3



#60
Dibromochloromethane
Concen: 18.56 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Tgt Ion: 129 Resp: 25856
Ion Ratio Lower Upper
129 100
127 79.0 38.7 116.1





#61

1,2-Dibromoethane

Concen: 19.54 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

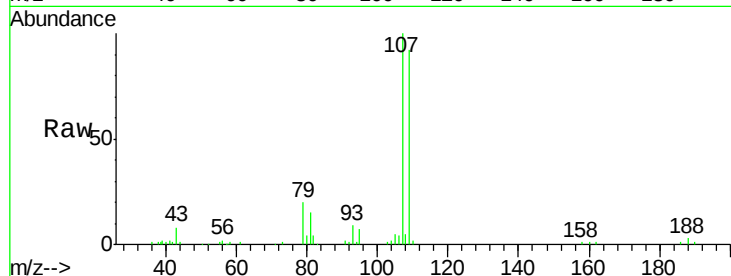
VX0404WBSD01

Tgt Ion: 107 Resp: 28554

Ion Ratio Lower Upper

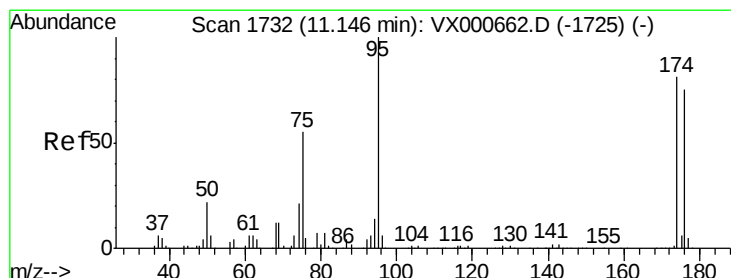
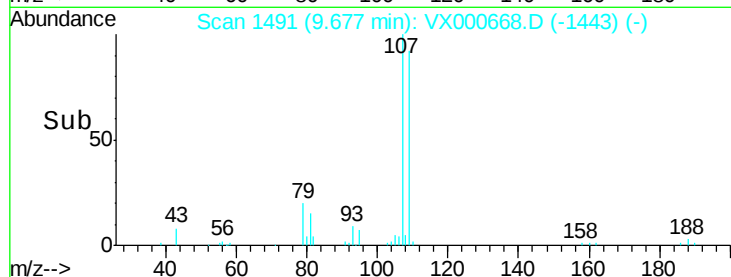
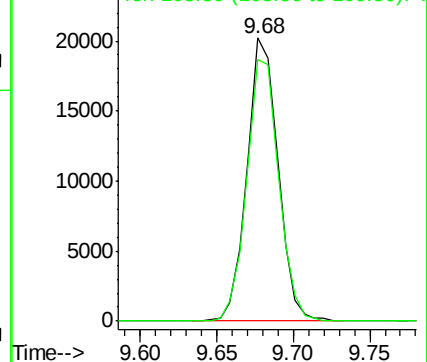
107 100

109 95.5 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.32 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

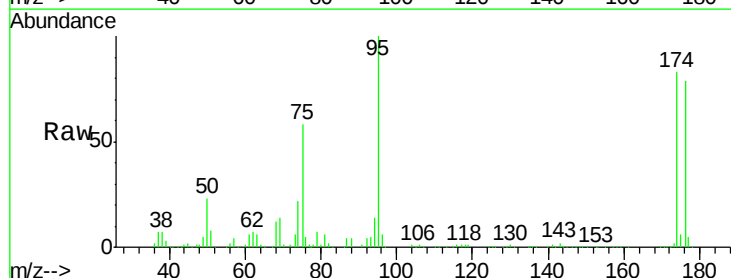
Tgt Ion: 95 Resp: 92402

Ion Ratio Lower Upper

95 100

174 79.0 0.0 156.8

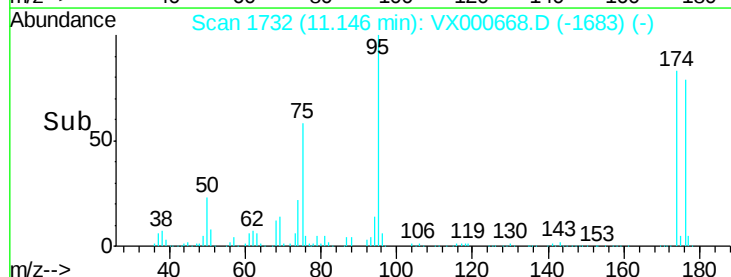
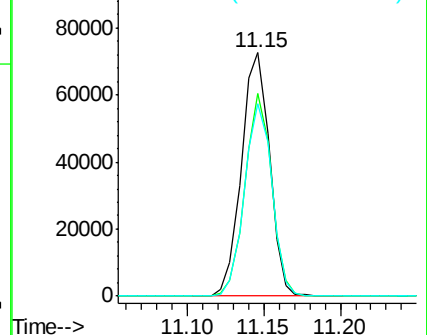
176 77.3 0.0 150.6

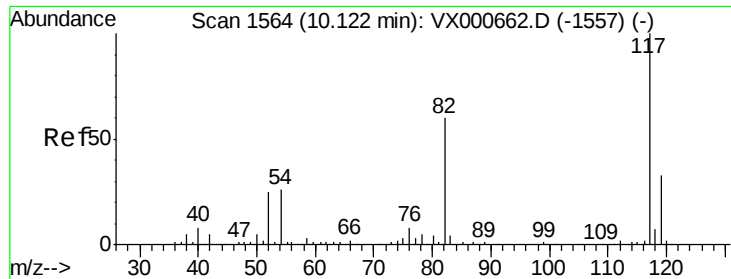


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

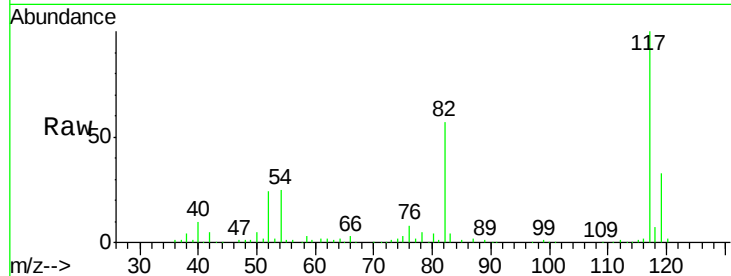




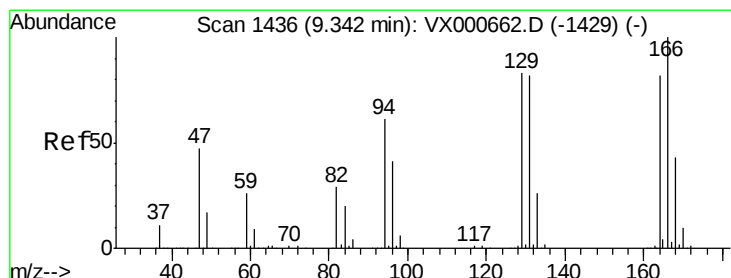
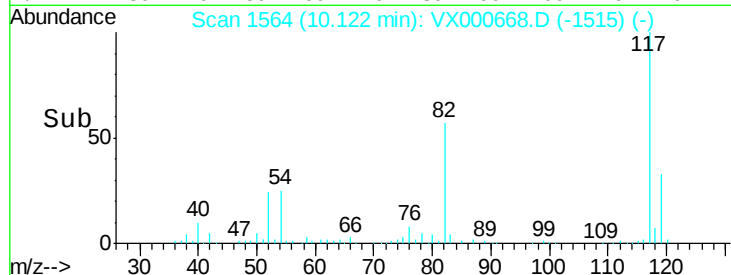
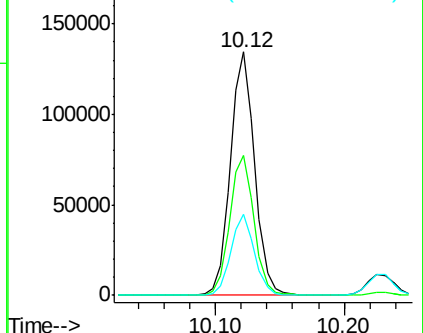
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Instrument :
MSVOA_X
ClientSampled :
VX0404WBSD01

Tgt Ion:117 Resp: 178201
Ion Ratio Lower Upper
117 100
82 57.2 48.3 72.5
119 33.3 26.0 39.0

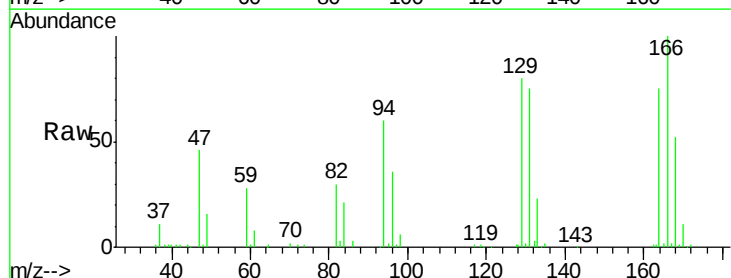


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

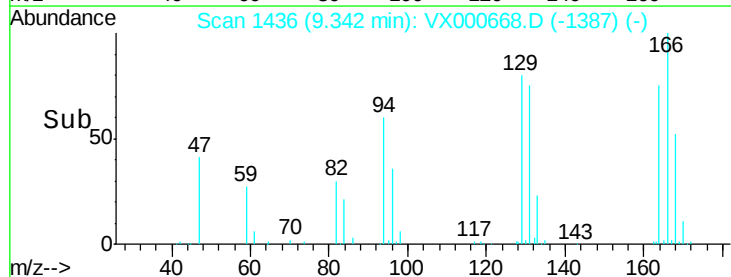
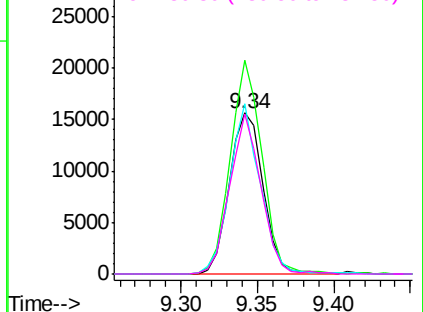


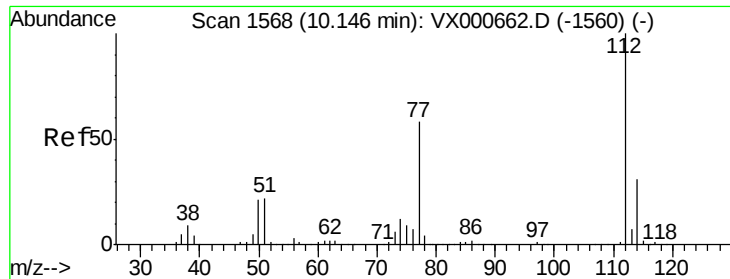
#64
Tetrachloroethene
Concen: 20.42 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Tgt Ion:164 Resp: 23699
Ion Ratio Lower Upper
164 100
166 132.5 97.8 146.8
129 105.8 81.3 121.9
131 99.6 80.2 120.2



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: 19.85 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

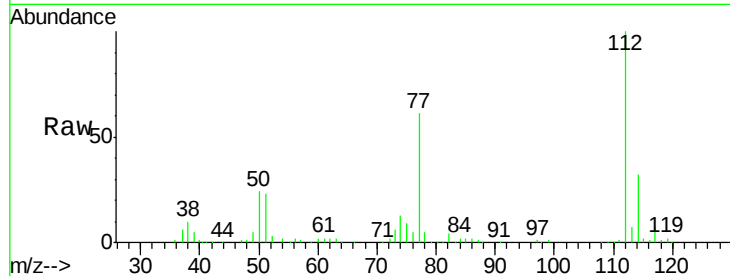
VX0404WBSD01

Tgt Ion:112 Resp: 72052

Ion Ratio Lower Upper

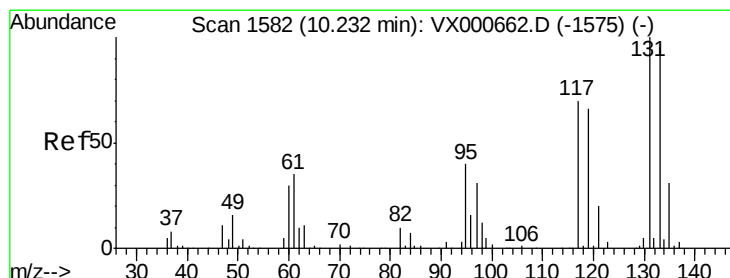
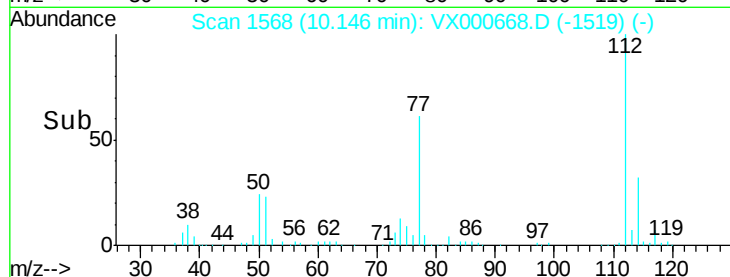
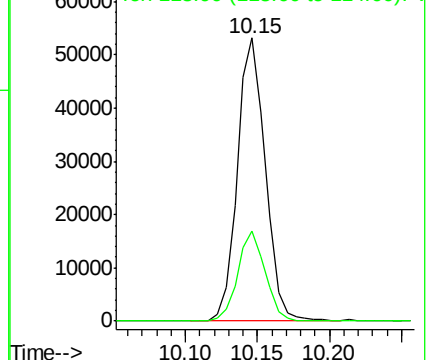
112 100

114 31.7 24.4 36.6



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: 19.65 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

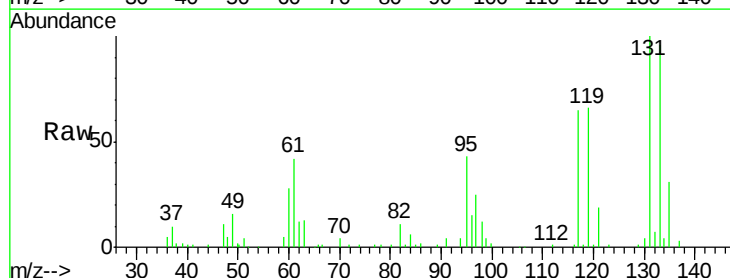
Tgt Ion:131 Resp: 24319

Ion Ratio Lower Upper

131 100

133 96.5 49.0 147.2

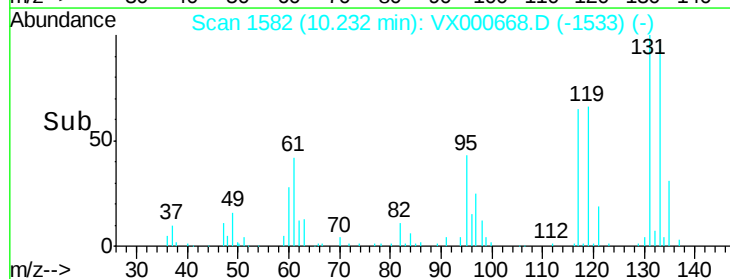
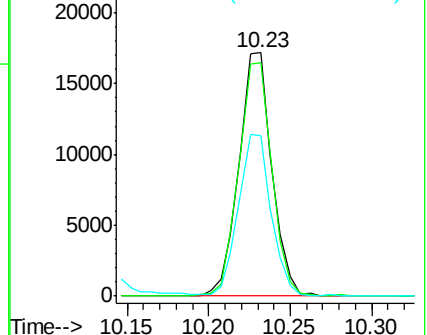
119 65.6 34.9 104.8

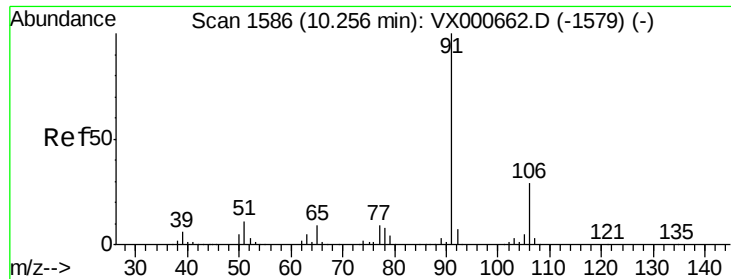


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.93 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

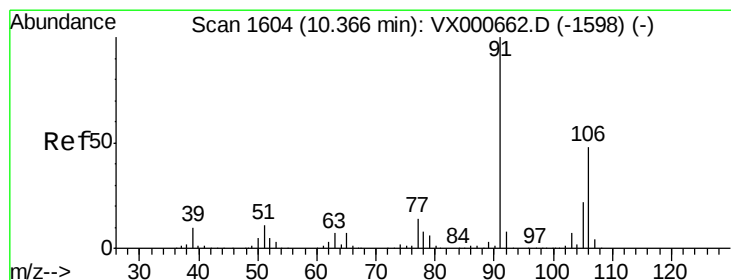
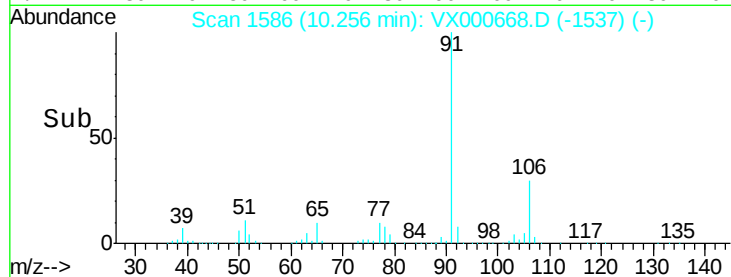
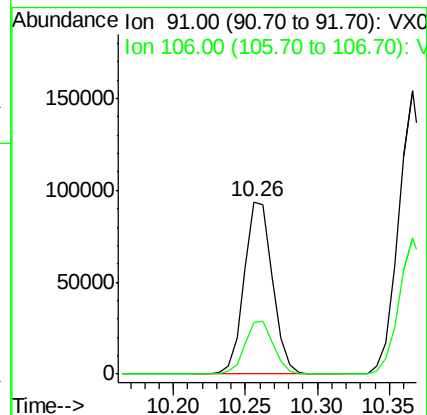
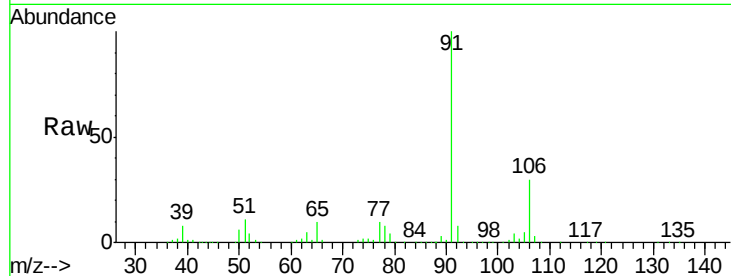
VX0404WBSD01

Tgt Ion: 91 Resp: 127970

Ion Ratio Lower Upper

91 100

106 30.3 23.4 35.2



#68

m/p-Xylenes

Concen: 40.55 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000668.D

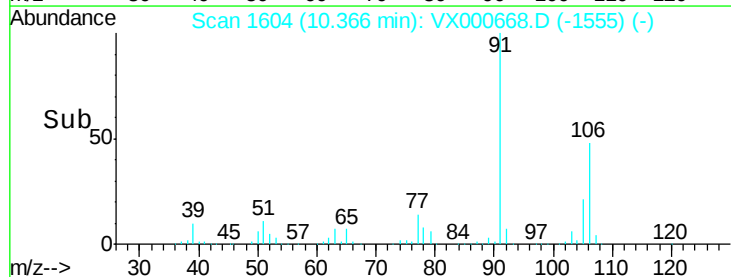
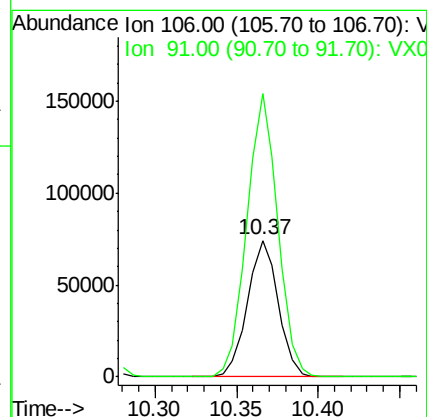
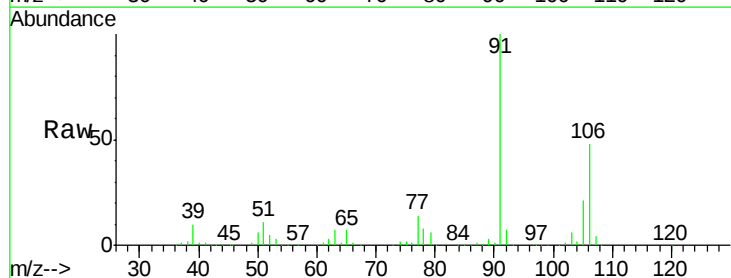
Acq: 04 Apr 2018 20:26

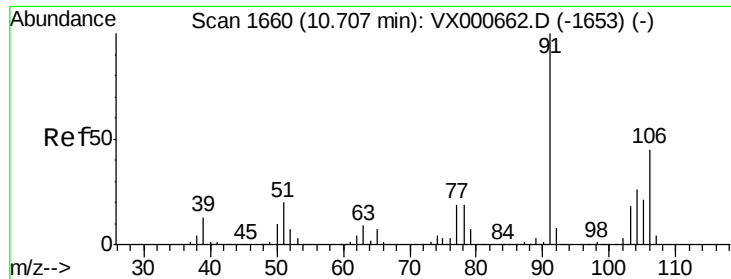
Tgt Ion:106 Resp: 98136

Ion Ratio Lower Upper

106 100

91 207.9 167.0 250.6

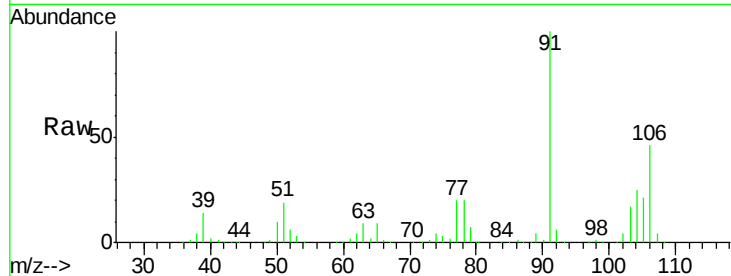




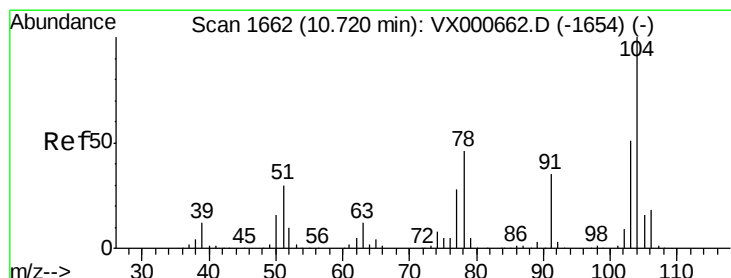
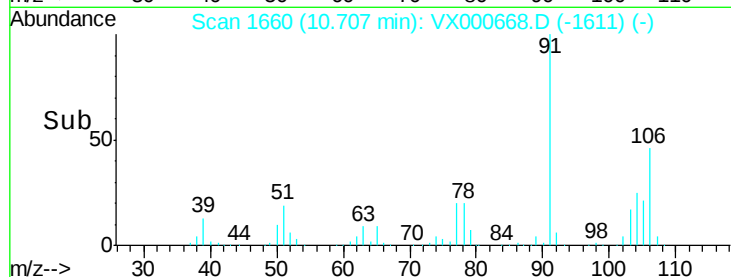
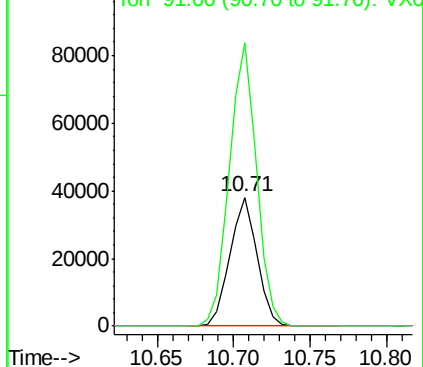
#69
o-Xylene
Concen: 19.57 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBSD01

Tgt Ion:106 Resp: 46635
Ion Ratio Lower Upper
106 100
91 221.6 111.6 334.6

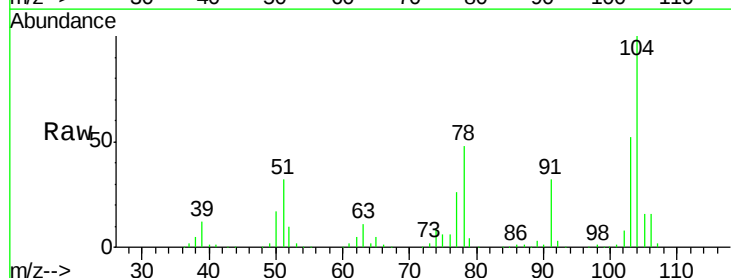


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

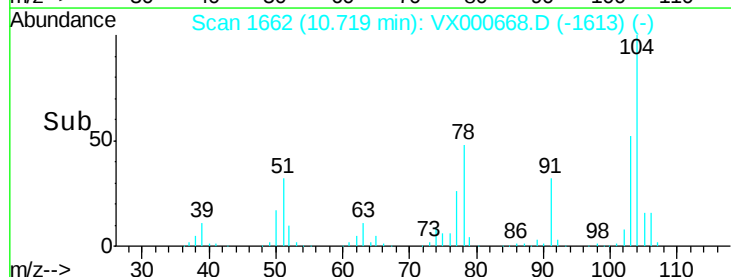
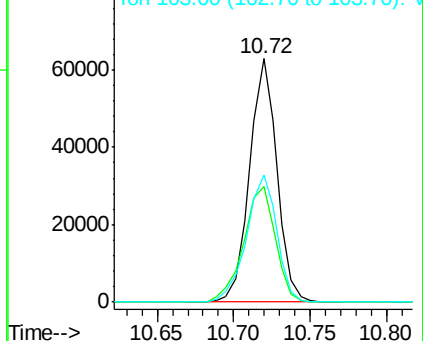


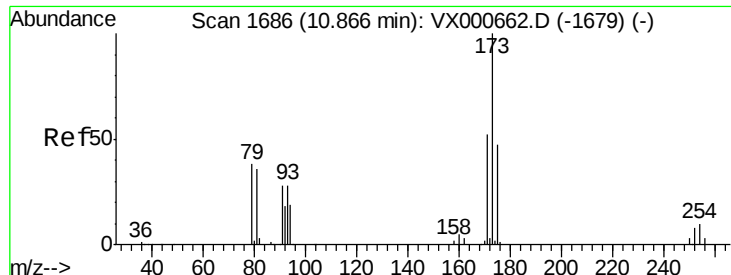
#70
Styrene
Concen: 19.46 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Tgt Ion:104 Resp: 78177
Ion Ratio Lower Upper
104 100
78 55.1 41.9 62.9
103 57.7 45.3 67.9



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

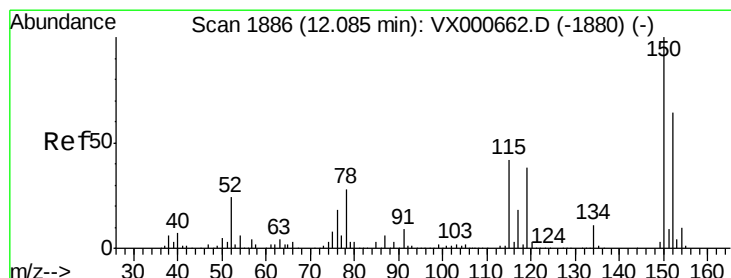
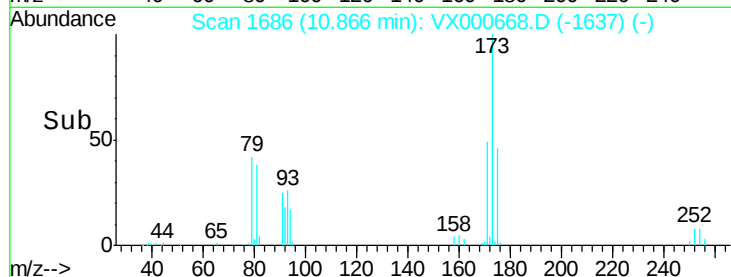
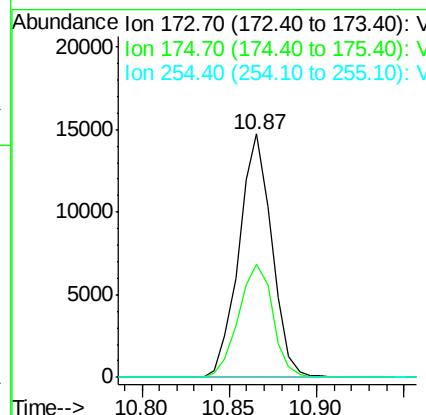
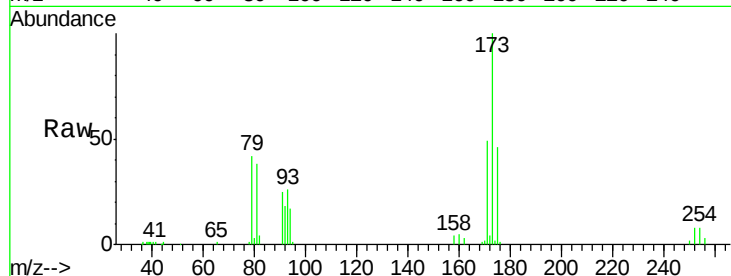




#71
 Bromoform
 Concen: 18.60 ug/l
 RT: 10.87 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

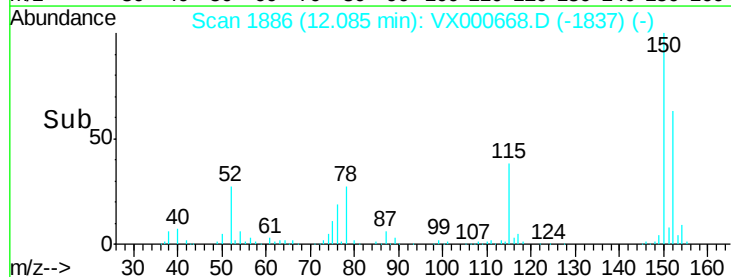
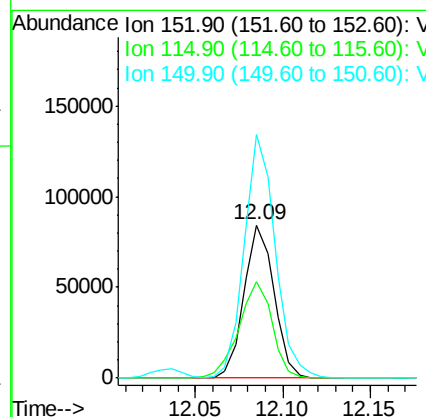
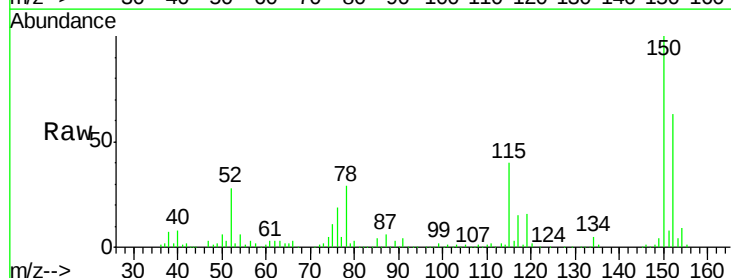
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBSD01

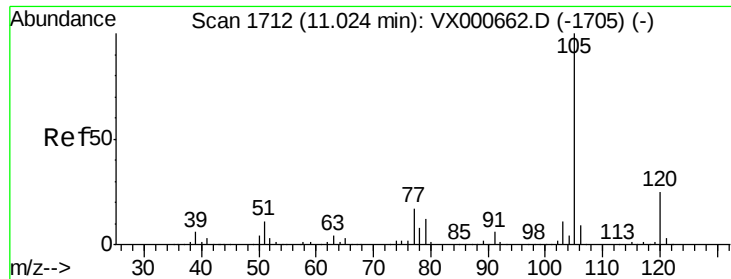
Tgt Ion:173 Resp: 19240
 Ion Ratio Lower Upper
 173 100
 175 48.4 24.0 72.0
 254 0.0 0.0 0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Tgt Ion:152 Resp: 100707
 Ion Ratio Lower Upper
 152 100
 115 69.9 41.9 125.8
 150 164.1 0.0 348.0





#73

Isopropylbenzene

Concen: 21.78 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

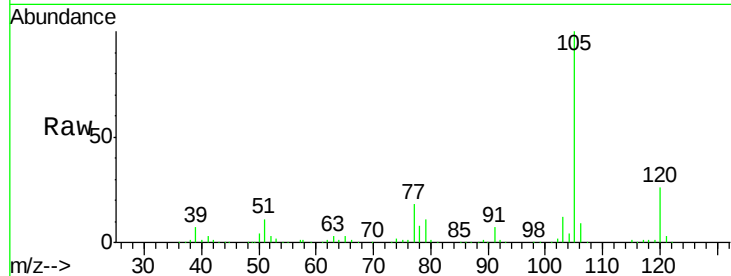
VX0404WBSD01

Tgt Ion:105 Resp: 132590

Ion Ratio Lower Upper

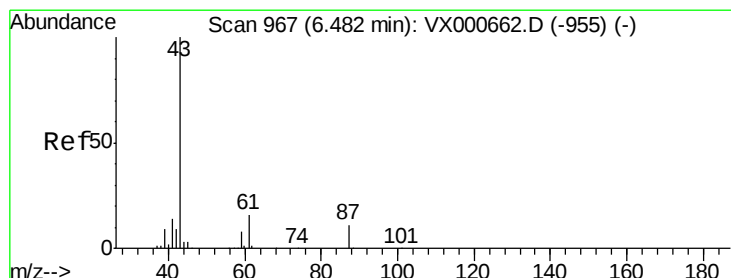
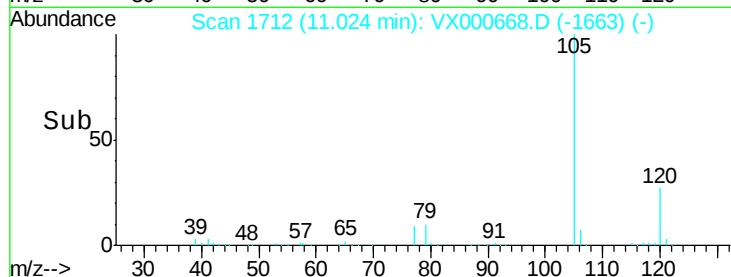
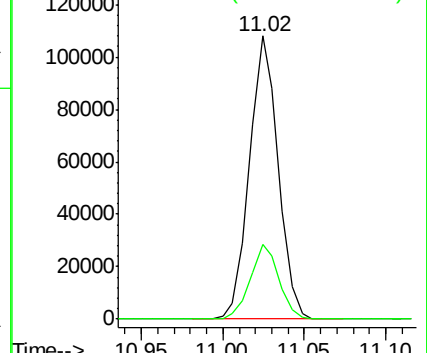
105 100

120 26.2 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.00 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Tgt Ion: 43 Resp: 68602

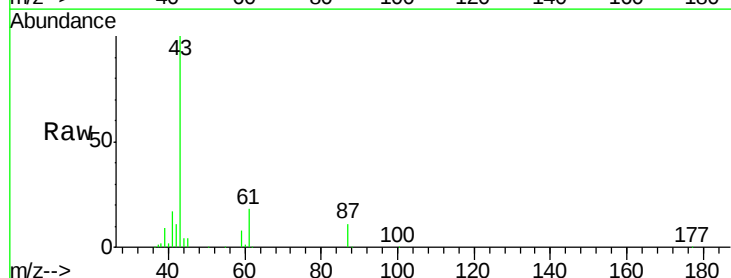
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.1 13.4 20.2

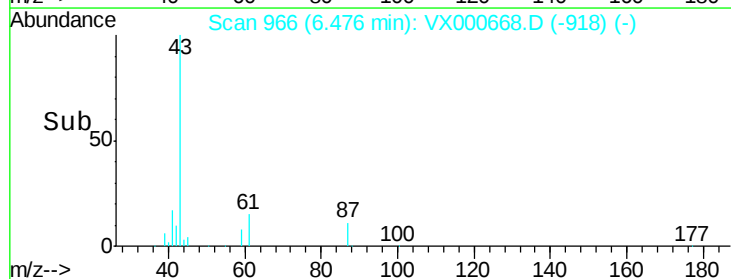
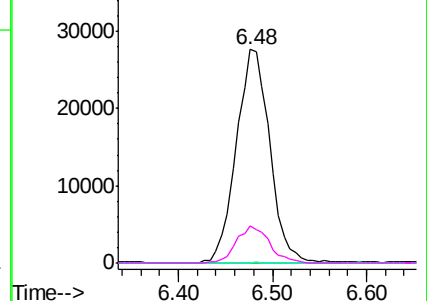


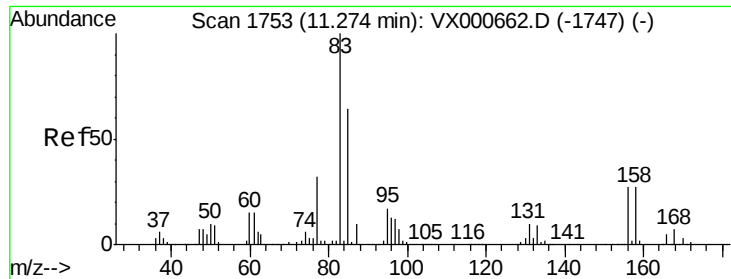
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.33 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBSD01

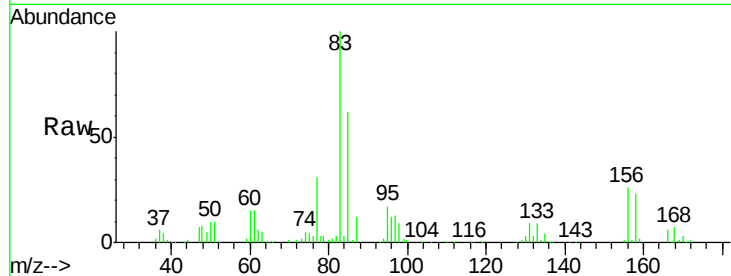
Tgt Ion: 83 Resp: 49432

Ion Ratio Lower Upper

83 100

131 9.8 4.7 14.1

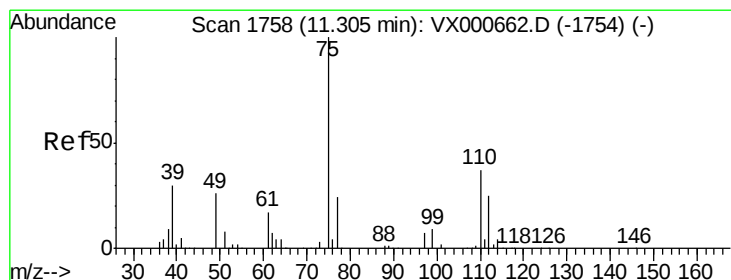
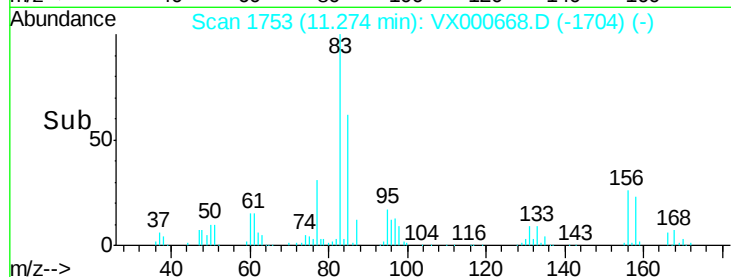
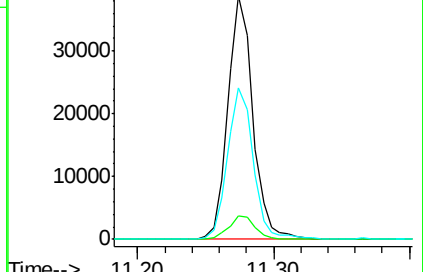
85 64.3 32.0 96.0



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: 25.95 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000668.D

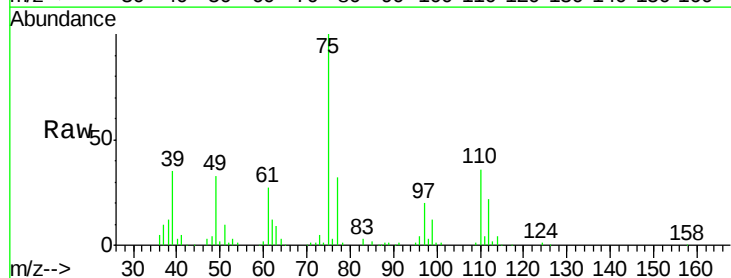
Acq: 04 Apr 2018 20:26

Tgt Ion: 75 Resp: 57002

Ion Ratio Lower Upper

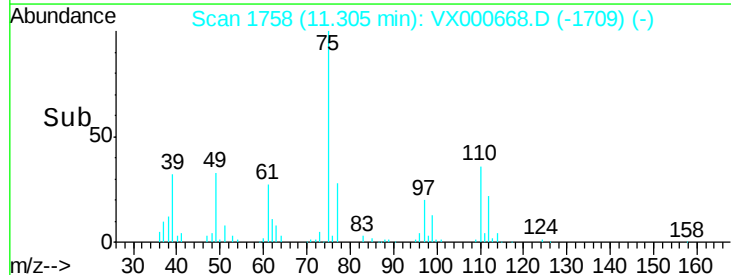
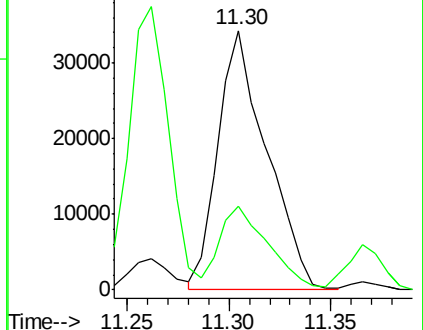
75 100

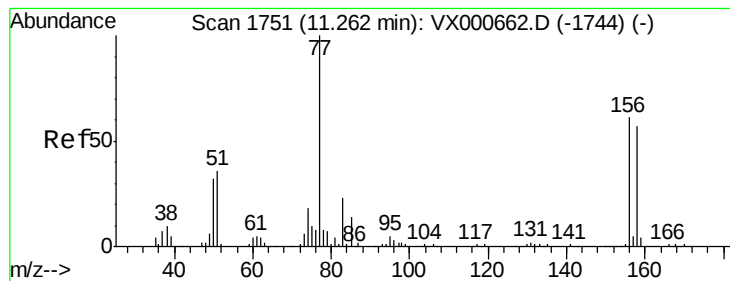
77 32.3 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.99 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBSD01

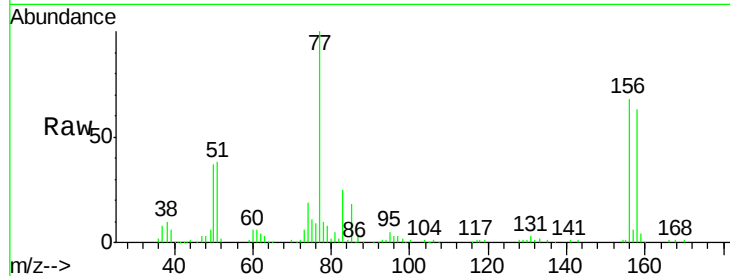
Tgt Ion:156 Resp: 31950

Ion Ratio Lower Upper

156 100

77 159.4 82.3 246.9

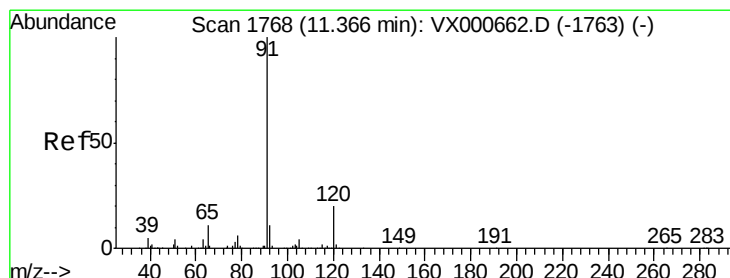
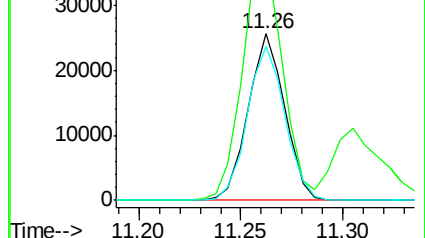
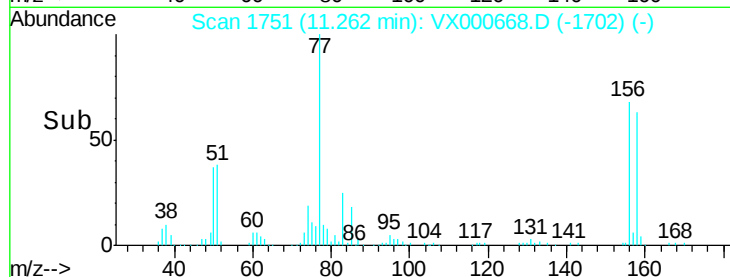
158 95.0 46.9 140.7



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: 21.87 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000668.D

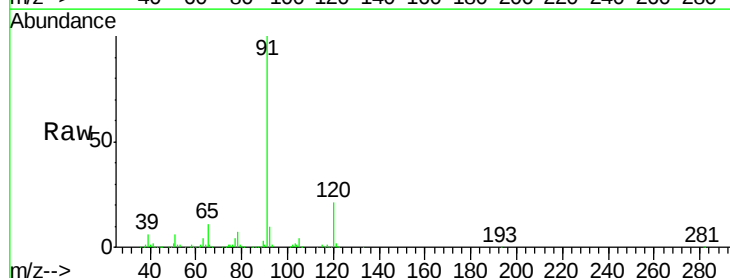
Acq: 04 Apr 2018 20:26

Tgt Ion: 91 Resp: 162329

Ion Ratio Lower Upper

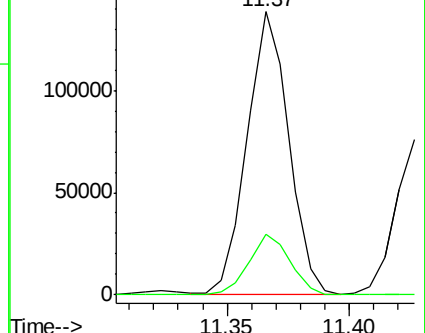
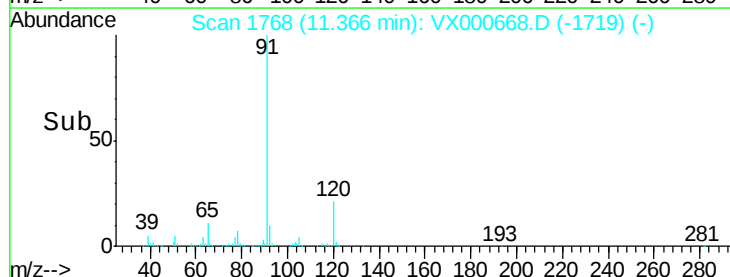
91 100

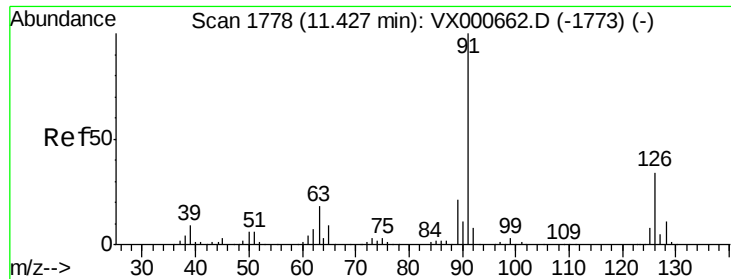
120 21.7 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

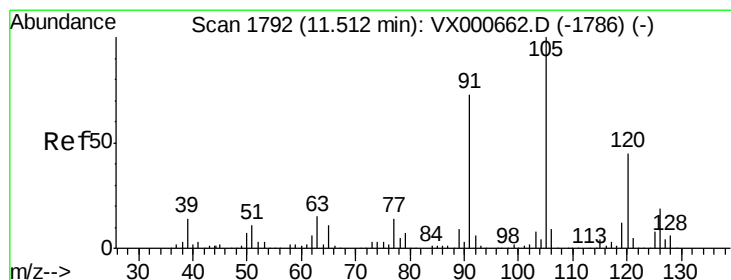
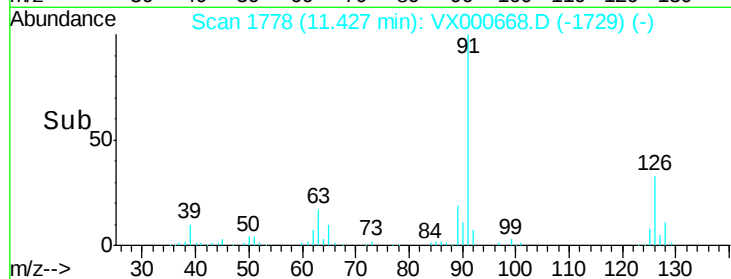
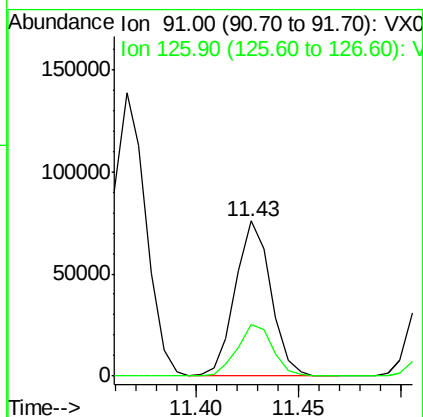
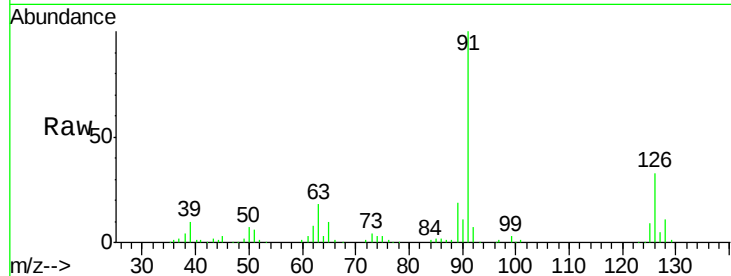




#79
 2-Chlorotoluene
 Concen: 21.67 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

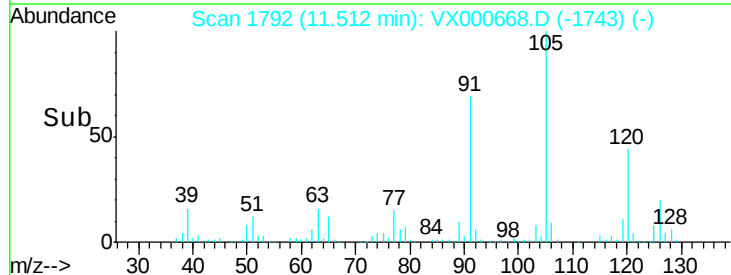
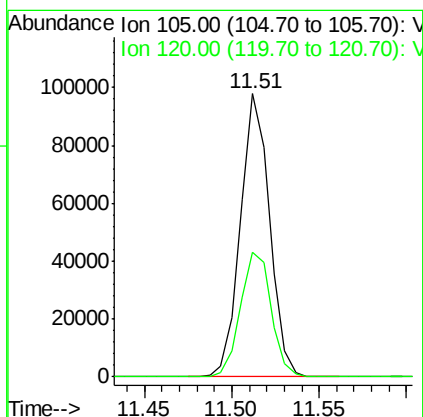
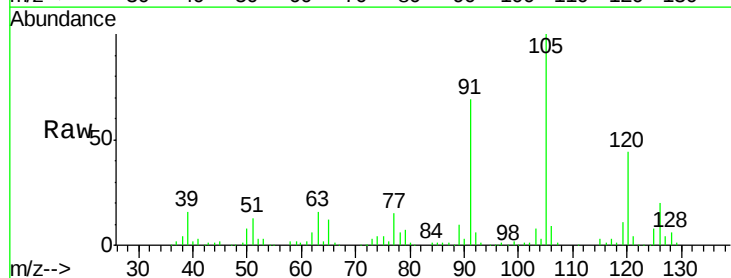
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBSD01

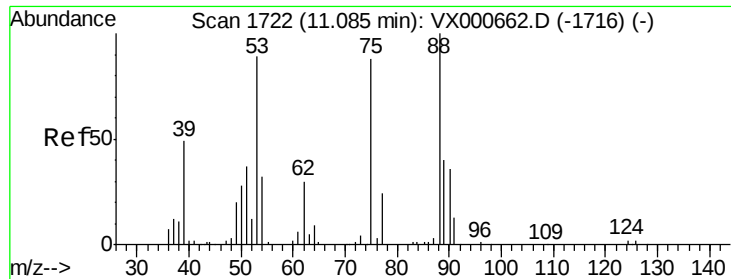
Tgt Ion: 91 Resp: 91384
 Ion Ratio Lower Upper
 91 100
 126 33.5 17.3 51.9



#80
 1,3,5-Trimethylbenzene
 Concen: 21.76 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Tgt Ion: 105 Resp: 113128
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.59 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampled :

VX0404WBSD01

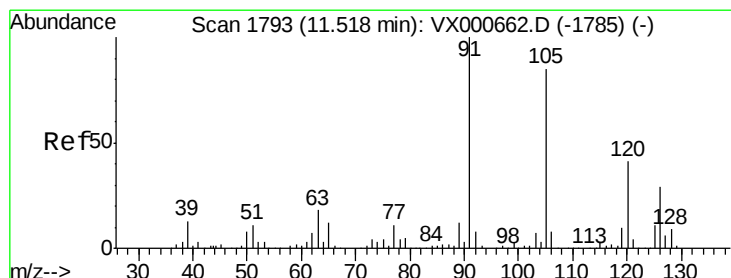
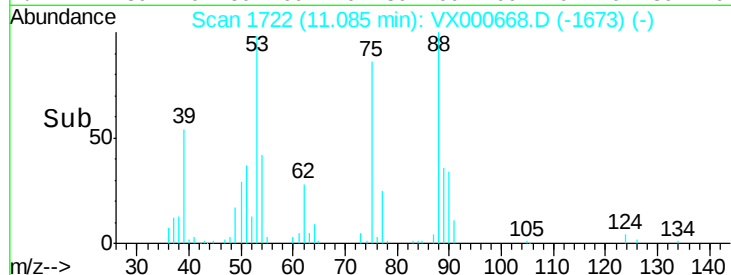
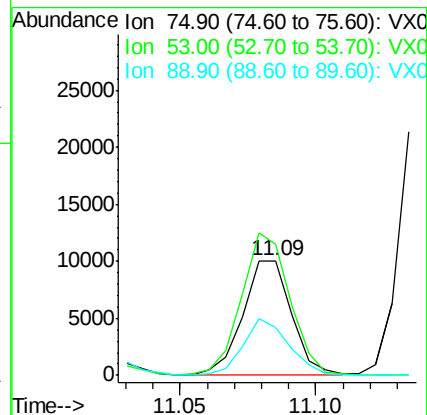
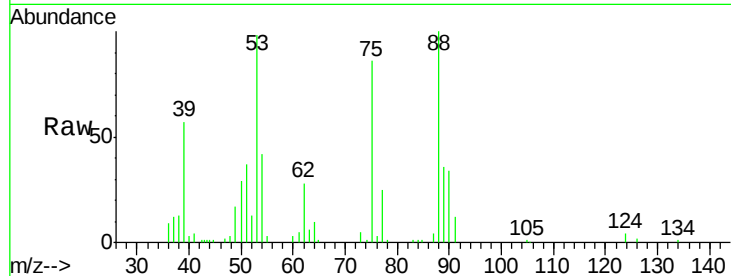
Tgt Ion: 75 Resp: 12612

Ion Ratio Lower Upper

75 100

53 122.4 85.7 128.5

89 46.1 36.3 54.5



#82

4-Chlorotoluene

Concen: 20.32 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000668.D

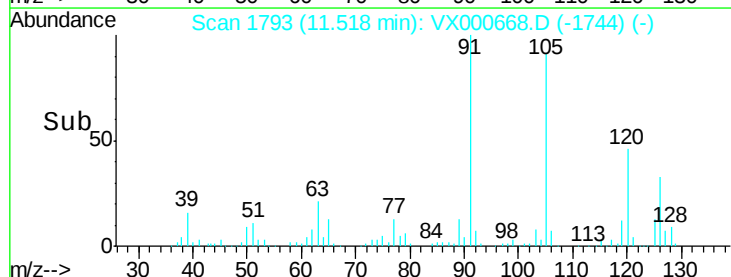
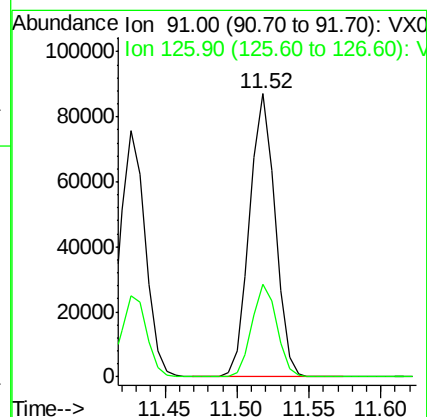
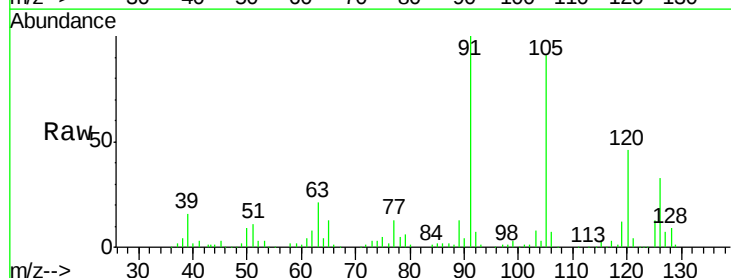
Acq: 04 Apr 2018 20:26

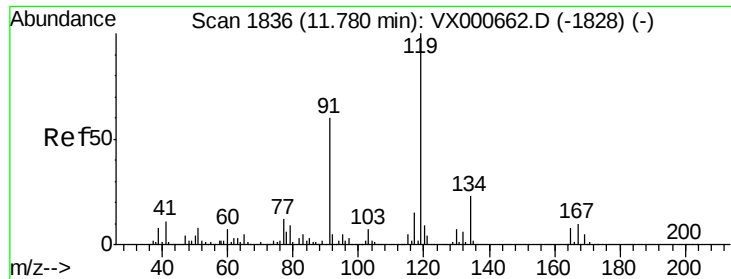
Tgt Ion: 91 Resp: 107245

Ion Ratio Lower Upper

91 100

126 31.9 14.8 44.3

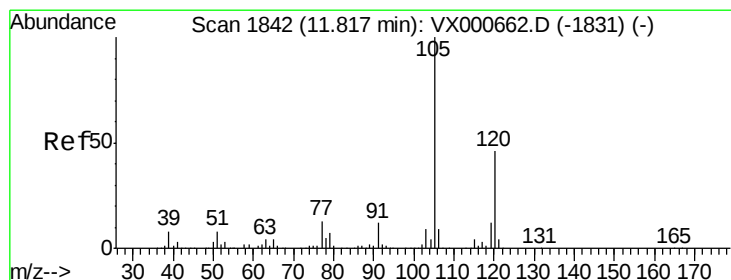
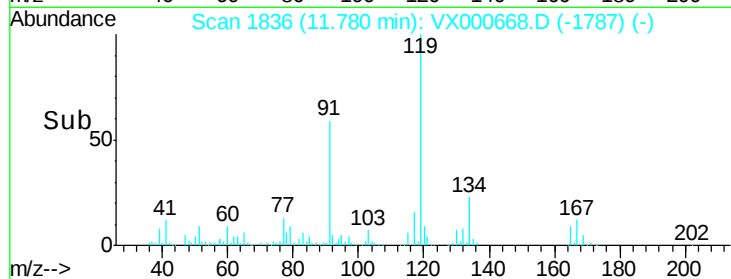
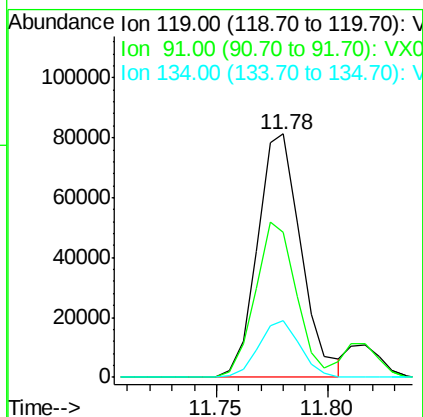
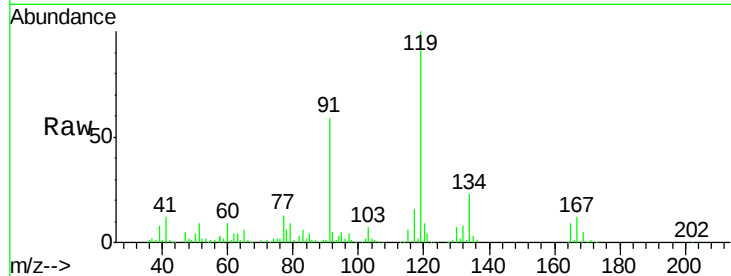




#83
 tert-Butylbenzene
 Concen: 21.85 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

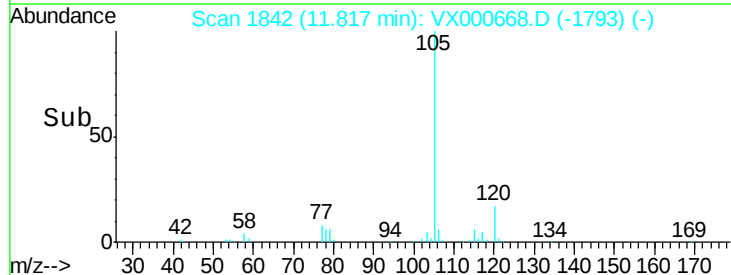
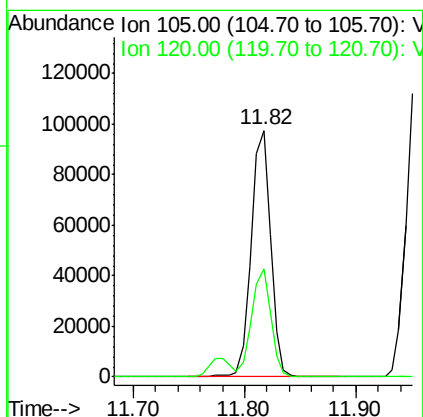
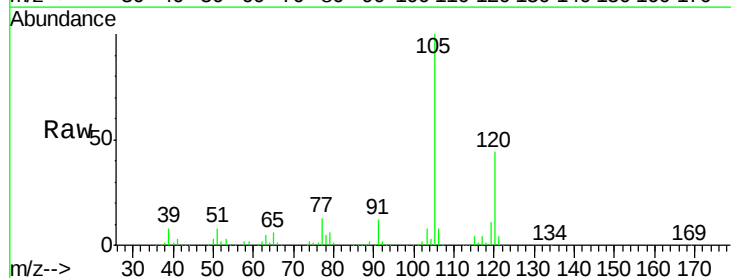
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBSD01

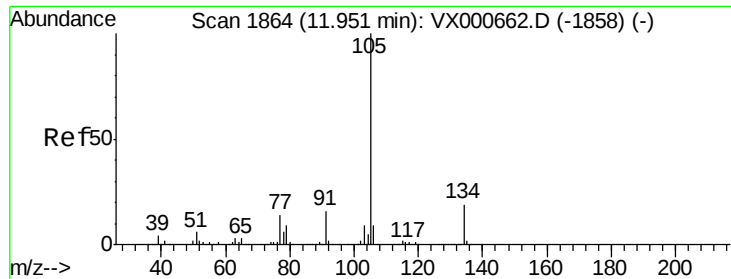
Tgt Ion:119 Resp: 110743
 Ion Ratio Lower Upper
 119 100
 91 60.1 30.9 92.8
 134 22.2 11.1 33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 21.87 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Tgt Ion:105 Resp: 118921
 Ion Ratio Lower Upper
 105 100
 120 43.2 21.6 65.0





#85

sec-Butylbenzene

Concen: 21.89 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

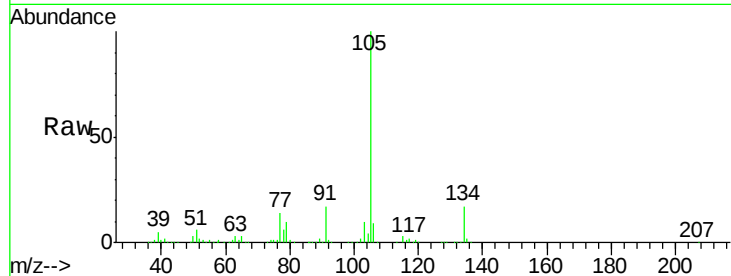
VX0404WBSD01

Tgt Ion:105 Resp: 140955

Ion Ratio Lower Upper

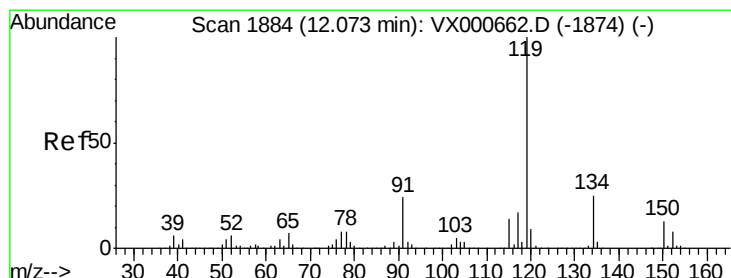
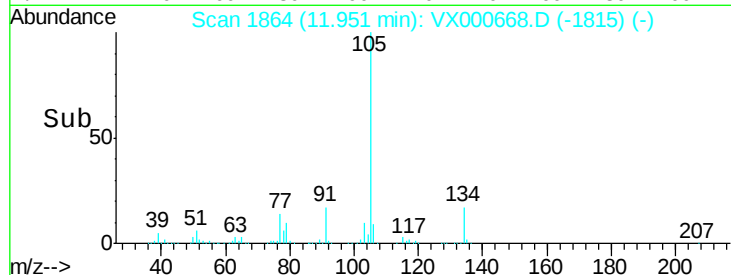
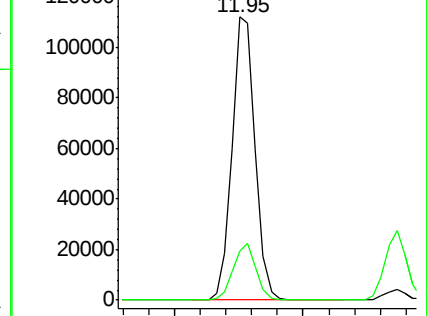
105 100

134 19.4 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.73 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

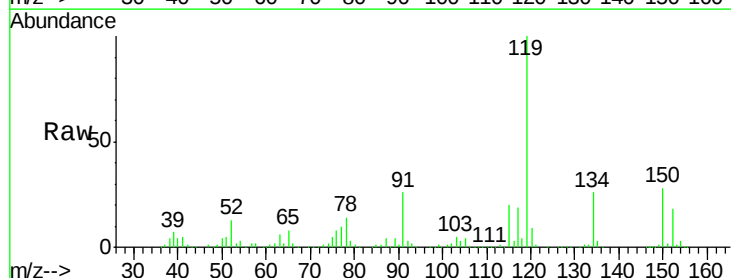
Tgt Ion:119 Resp: 121768

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.6

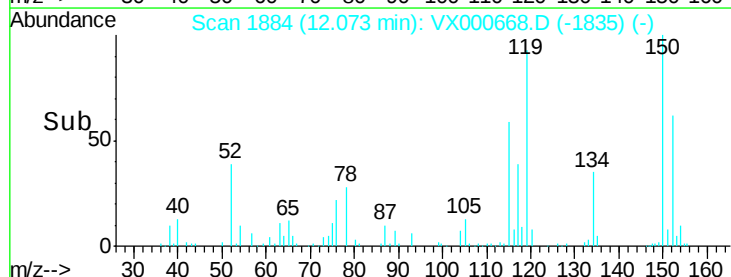
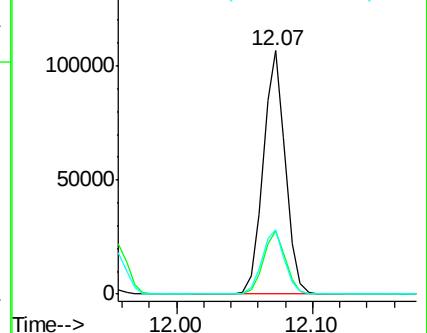
91 26.9 12.6 37.6

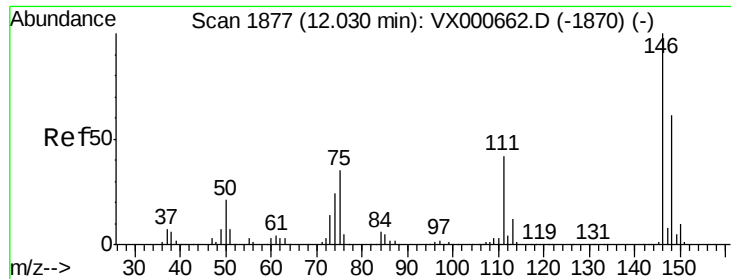


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

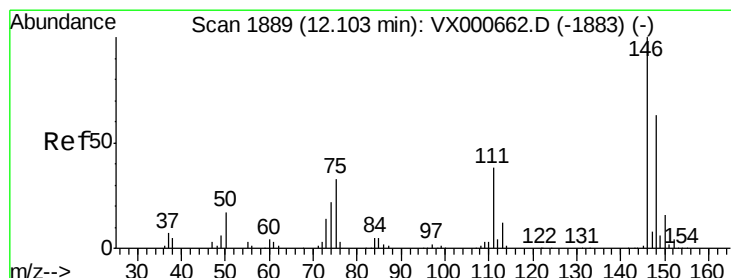
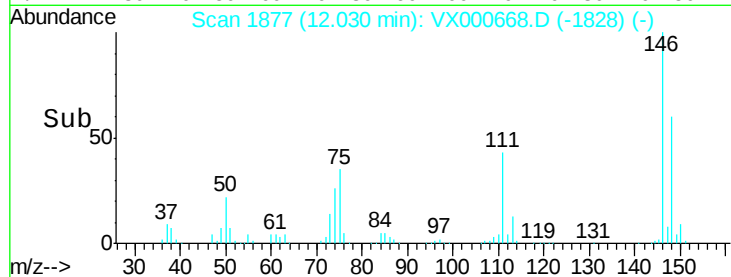
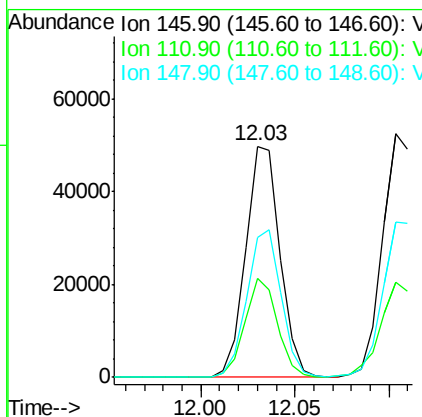
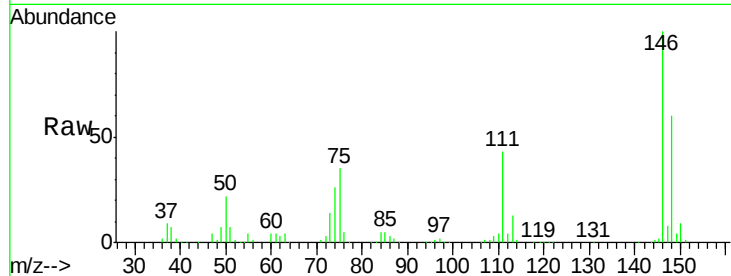




#87
 1,3-Dichlorobenzene
 Concen: 21.22 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

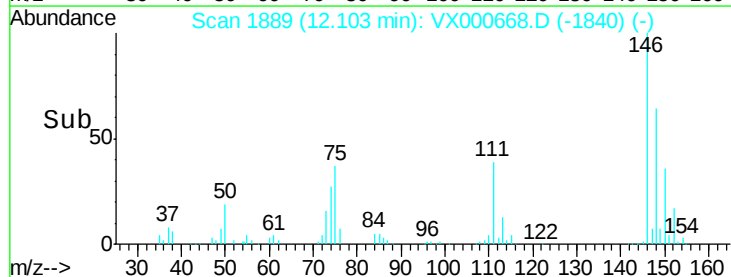
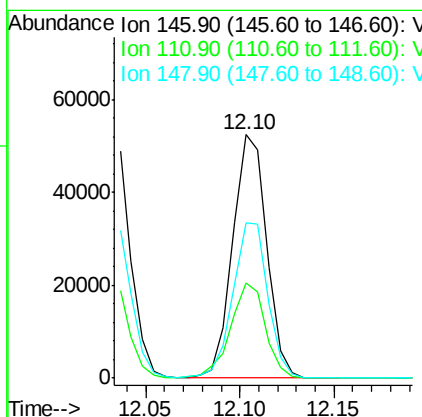
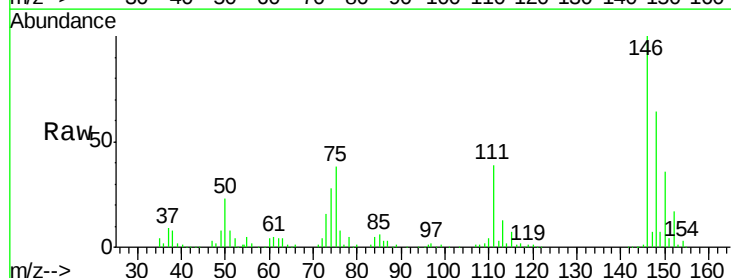
Instrument :
 MSVOA_X
 ClientSampled :
 VX0404WBSD01

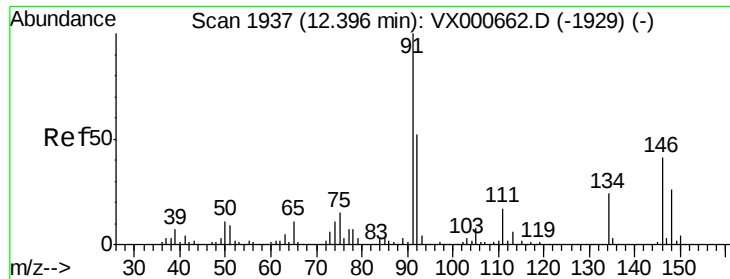
Tgt Ion:146 Resp: 62937
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.2 60.6
 148 63.9 31.0 93.0



#88
 1,4-Dichlorobenzene
 Concen: 20.21 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Tgt Ion:146 Resp: 65559
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.1 60.3
 148 65.6 31.8 95.4





#89

n-Butylbenzene

Concen: 21.69 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBSD01

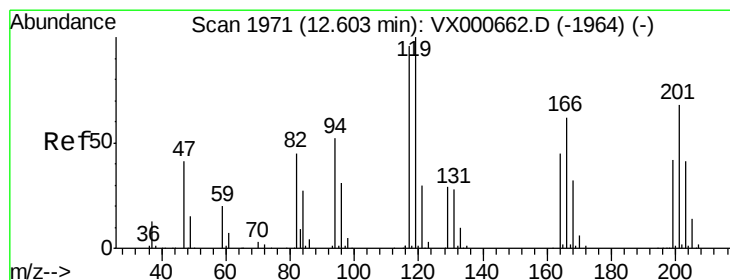
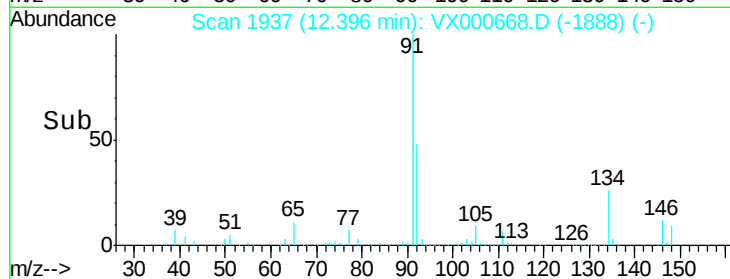
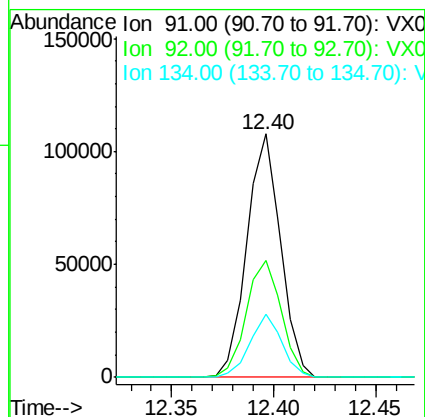
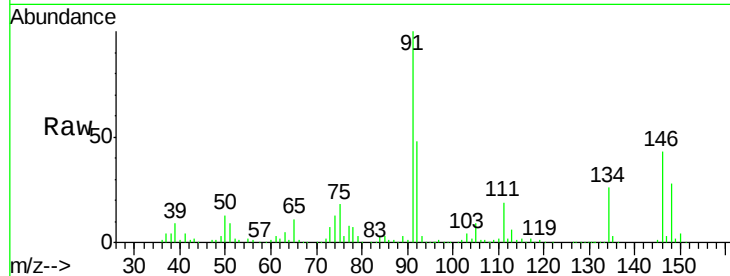
Tgt Ion: 91 Resp: 123970

Ion Ratio Lower Upper

91 100

92 50.2 25.9 77.8

134 24.6 12.2 36.6



#90

Hexachloroethane

Concen: 20.42 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000668.D

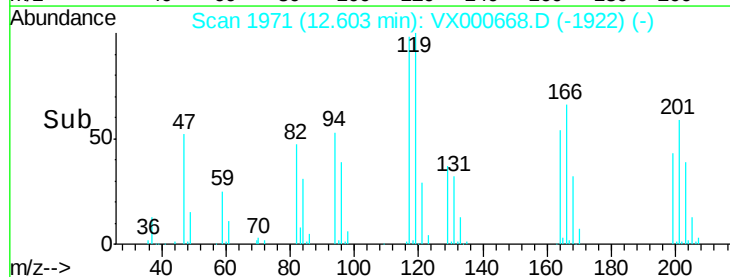
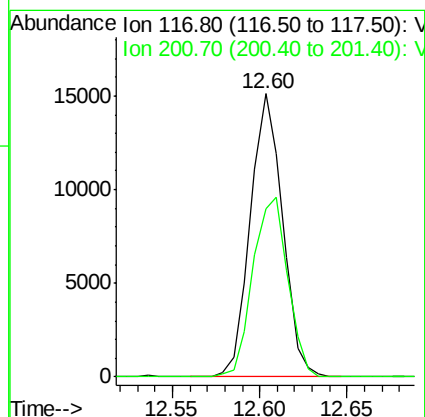
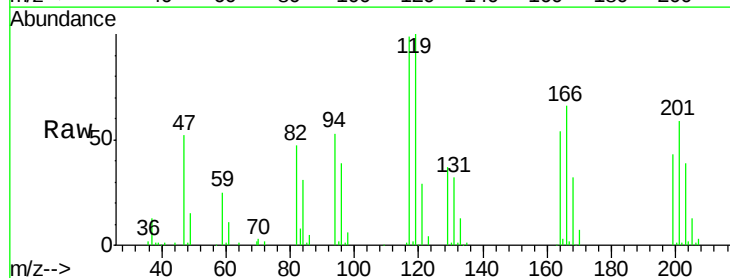
Acq: 04 Apr 2018 20:26

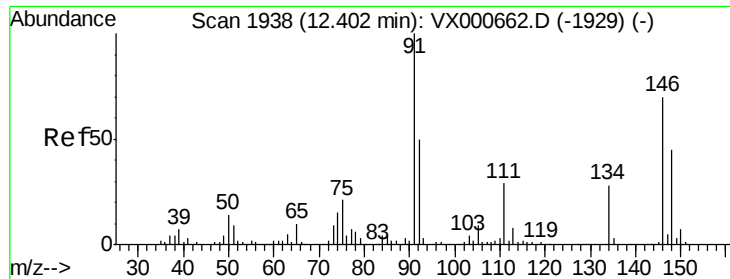
Tgt Ion: 117 Resp: 19444

Ion Ratio Lower Upper

117 100

201 68.5 33.9 101.6

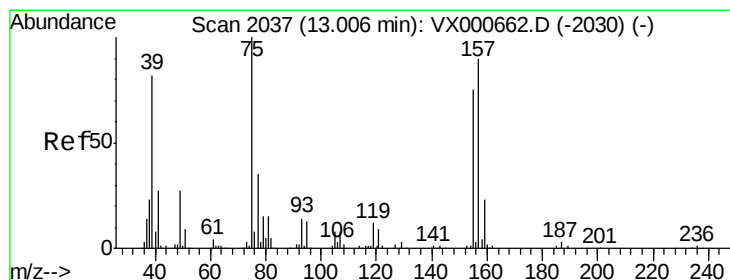
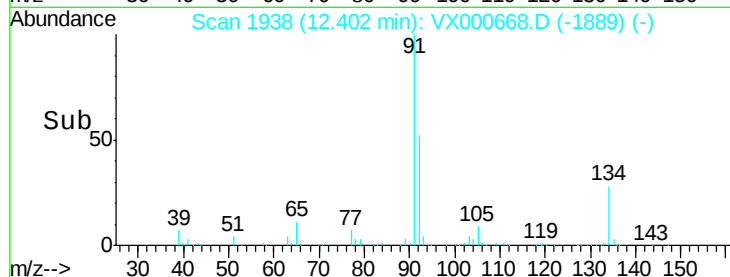
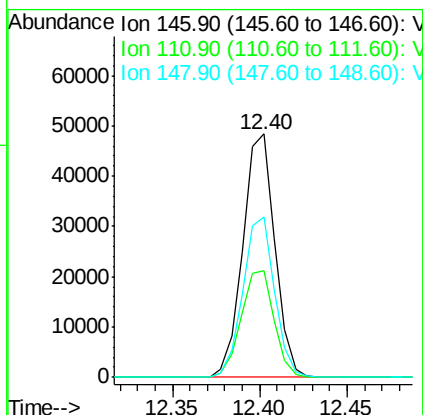
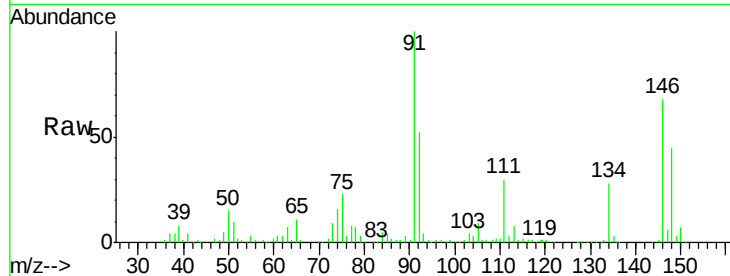




#91
 1,2-Dichlorobenzene
 Concen: 19.87 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

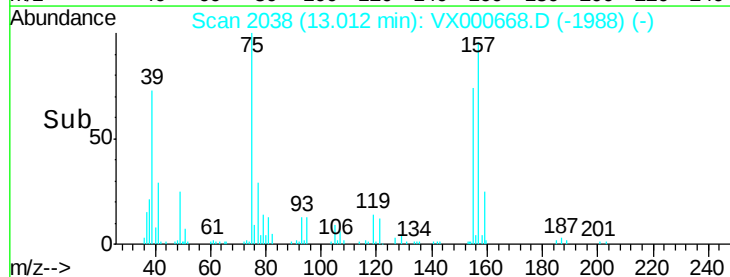
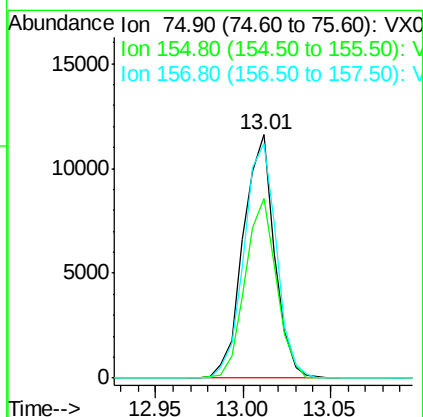
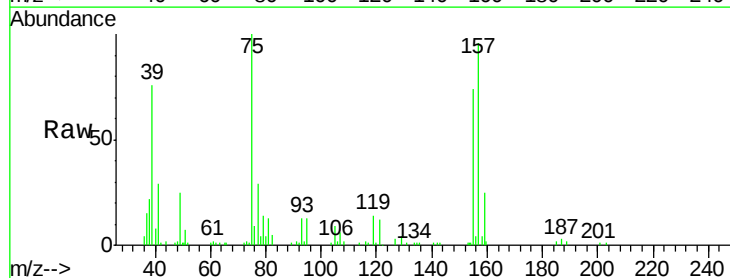
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBSD01

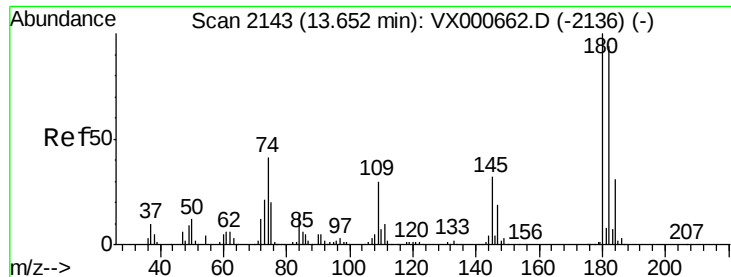
Tgt Ion: 146 Resp: 61468
 Ion Ratio Lower Upper
 146 100
 111 45.2 21.3 63.7
 148 65.2 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.82 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Tgt Ion: 75 Resp: 14428
 Ion Ratio Lower Upper
 75 100
 155 73.5 38.9 116.7
 157 99.7 49.1 147.3

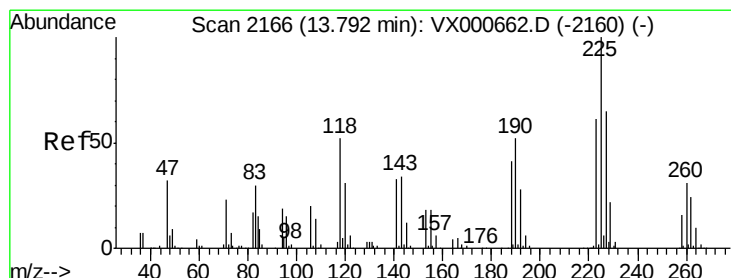
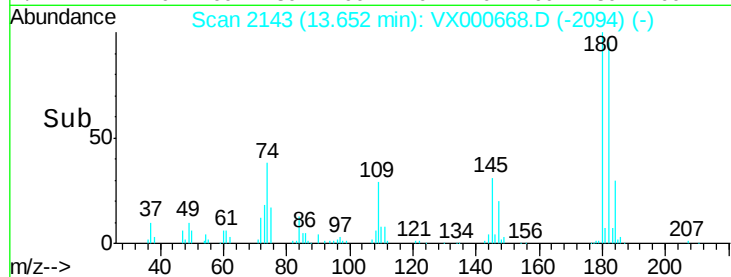
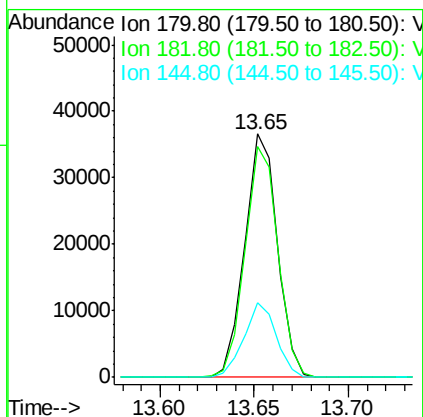
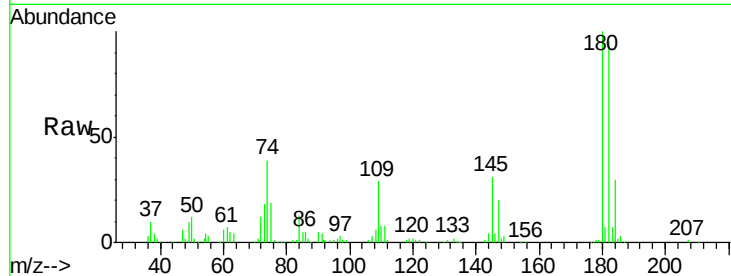




#93
 1,2,4-Trichlorobenzene
 Concen: 21.17 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

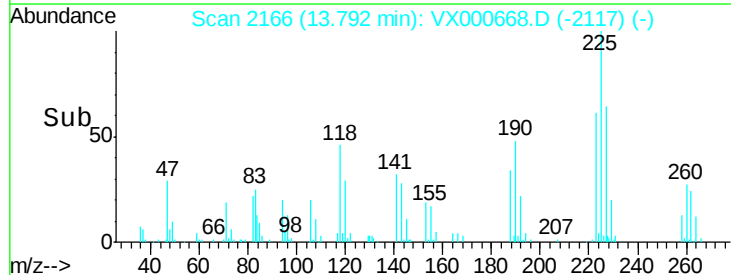
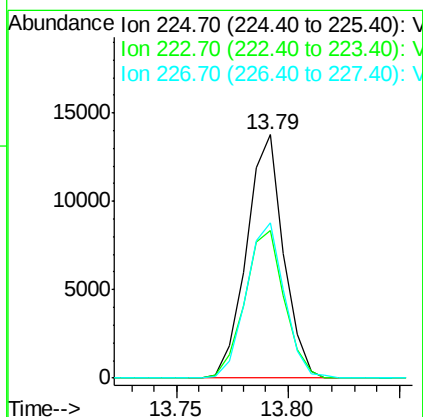
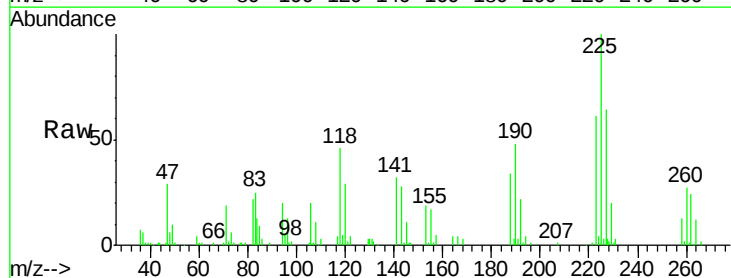
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBSD01

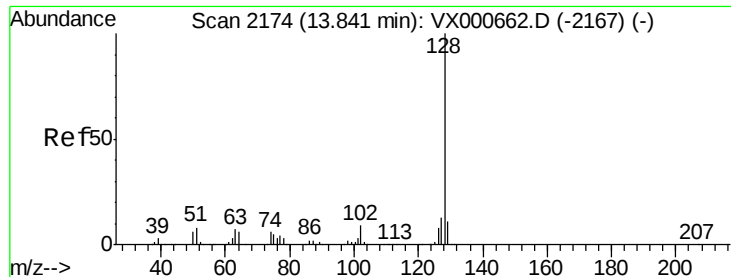
Tgt Ion:180 Resp: 44076
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.4 142.2
 145 30.5 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 20.00 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Tgt Ion:225 Resp: 15949
 Ion Ratio Lower Upper
 225 100
 223 64.8 31.4 94.0
 227 65.7 32.7 98.1

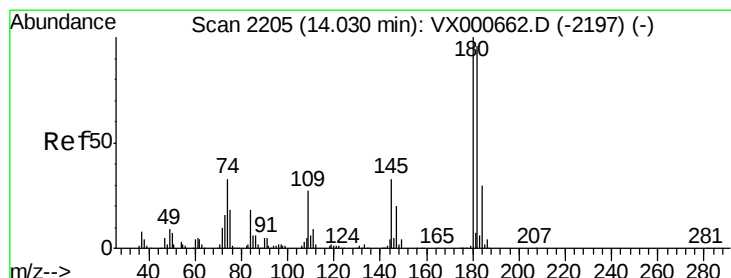
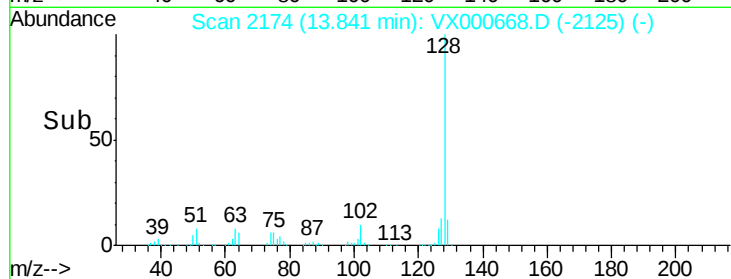
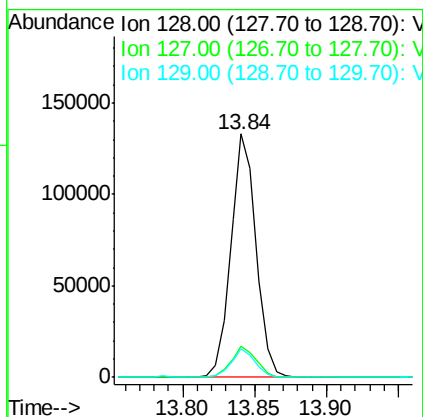
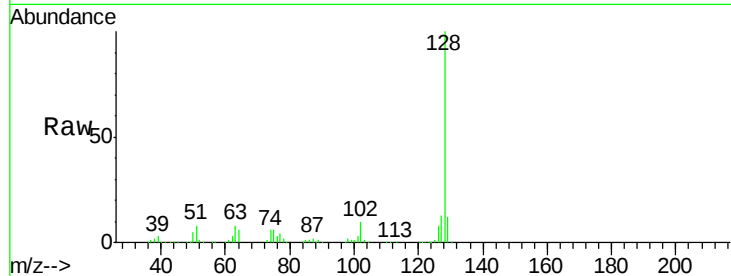




#95
Naphthalene
Concen: 21.43 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Instrument :
MSVOA_X
ClientSampled :
VX0404WBSD01

Tgt Ion:128 Resp: 162431
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.59 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Tgt Ion:180 Resp: 43128
Ion Ratio Lower Upper
180 100
182 96.7 47.2 141.6
145 34.2 16.8 50.4

