

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
 Data File : VX000217.D
 Acq On : 08 Mar 2018 11:31
 Operator : JC/MD
 Sample : VX0308WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

Quant Time: Mar 08 15:50:21 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.04	128	23729	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	140149	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	138684	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.08	65	57923	31.54	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.13%
60) 4-Bromofluorobenzene	11.15	95	69175	30.49	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.63%
63) Toluene-d8	8.73	98	178335	30.02	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.07%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	20950	14.227	ug/l 100
3) Chloromethane	1.32	50	18427	12.484	ug/l 97
4) Vinyl Chloride	1.41	62	24446	13.920	ug/l 96
5) Bromomethane	1.64	94	20023	12.372	ug/l 98
6) Chloroethane	1.73	64	17608	15.663	ug/l 96
7) Trichlorofluoromethane	1.93	101	49637	16.316	ug/l 98
8) Diethyl Ether	2.20	74	19236	18.106	ug/l 92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29551	17.803	ug/l 95
10) 1,1-Dichloroethene	2.38	96	23538	14.845	ug/l 86
11) Methyl Iodide	2.52	142	20842	13.524	ug/l 96
12) Methyl Acetate	2.78	43	69519	24.537	ug/l 100
13) Acrolein	2.30	56	62171	182.345	ug/l 98
14) Acrylonitrile	3.15	53	137220	111.768	ug/l 99
15) Acetone	2.45	58	50694	126.650	ug/l 97
16) Carbon Disulfide	2.57	76	33582	7.406	ug/l 99
17) Allyl chloride	2.73	41	50505	18.684	ug/l 95
18) Methylene Chloride	2.87	84	30691	17.763	ug/l 93
19) trans-1,2-Dichloroethene	3.17	96	25404	14.727	ug/l 90
20) Diisopropyl ether	3.88	45	106669	24.991	ug/l 95
21) 1,1-Dichloroethane	3.71	63	58864	20.923	ug/l 100
22) cis-1,2-Dichloroethene	4.61	96	29173	18.202	ug/l 96
23) tert-Butyl Alcohol	3.07	59	83527	119.024	ug/l # 100
24) Methyl tert-Butyl Ether	3.21	73	117624	21.530	ug/l 96
25) Chloroform	5.23	83	58305	20.902	ug/l 93
26) Cyclohexane	5.59	56	30893	14.005	ug/l # 98
29) 1,1-Dichloropropene	5.81	75	34406	16.858	ug/l 99
30) 2-Butanone	4.72	43	193976	123.471	ug/l 99
31) 2,2-Dichloropropane	4.60	77	44063	20.071	ug/l 98
32) 1,1,1-Trichloroethane	5.51	97	48396	19.597	ug/l 98
33) Carbon Tetrachloride	5.80	117	38590	17.598	ug/l 97
34) Benzene	6.15	78	109288	18.609	ug/l 94
35) Methacrylonitrile	5.07	41	32142	22.220	ug/l 89
36) 1,2-Dichloroethane	6.21	62	45147	20.272	ug/l 99
37) Trichloroethene	7.23	130	31450	18.117	ug/l 88
38) Methylcyclohexane	7.47	83	36189	14.791	ug/l 96
39) 1,2-Dichloropropane	7.52	63	30719	20.951	ug/l 94
40) Dibromomethane	7.67	93	24078	21.314	ug/l 94

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.91	83	45417	21.151	ug/l	99
42) Vinyl Acetate	3.84	43	487184	121.665	ug/l	98
43) Ethyl Acetate	4.87	43	60866	22.057	ug/l	99
44) Isopropyl Acetate	6.48	43	91621	22.629	ug/l	97
45) 1,4-Dioxane	7.77	88	21903	430.138	ug/l	99
46) Methyl methacrylate	7.79	41	44113	22.401	ug/l	92
47) n-amyl Acetate	10.91	43	82139	23.237	ug/l	98
48) t-1,3-Dichloropropene	8.45	75	51403	20.564	ug/l	99
49) cis-1,3-Dichloropropene	9.05	75	51569	21.200	ug/l	95
50) 1,1,2-Trichloroethane	9.23	97	37842	22.814	ug/l	97
51) Ethyl methacrylate	9.19	69	53854	21.192	ug/l	90
52) 1,3-Dichloropropane	9.38	76	59187	22.247	ug/l	98
53) Dibromochloromethane	9.59	129	38703	20.972	ug/l	100
54) 1,2-Dibromoethane	9.68	107	38232	20.680	ug/l	98
55) 2-Chloroethyl vinyl ether	8.32	63	109295	98.495	ug/l	98
56) Bromoform	10.87	173	30421	20.354	ug/l	100
58) 4-Methyl-2-Pentanone	8.66	43	370318	121.909	ug/l	99
59) 2-Hexanone	9.51	43	317145	123.296	ug/l	98
61) Tetrachloroethene	9.34	164	28718	17.054	ug/l	95
62) Toluene	8.79	91	132811	18.406	ug/l	99
64) Chlorobenzene	10.15	112	98058	20.110	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.23	131	36631	21.209	ug/l	98
66) Ethyl Benzene	10.26	91	163575	19.861	ug/l	100
67) m/p-Xylenes	10.37	106	125727	38.940	ug/l	99
68) o-Xylene	10.71	106	63357	20.202	ug/l	99
69) Styrene	10.72	104	107685	20.728	ug/l	98
70) Isopropylbenzene	11.02	105	175892	20.748	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	69606	23.862	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	81388	31.105	ug/l	84
73) Bromobenzene	11.26	156	44820	20.166	ug/l	93
74) n-propylbenzene	11.37	91	211318	21.266	ug/l	98
75) 2-Chlorotoluene	11.43	91	119699	20.952	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	150727	20.980	ug/l	72
77) t-1,4-Dichloro-2-butene	11.09	75	19309	20.868	ug/l	86
78) 4-Chlorotoluene	11.52	91	144755	21.150	ug/l	99
80) 1,2,4-Trimethylbenzene	11.82	105	154060	21.022	ug/l	99
81) sec-Butylbenzene	11.96	105	192342	21.759	ug/l	99
82) p-Isopropyltoluene	12.07	119	168511	21.369	ug/l	99
83) 1,3-Dichlorobenzene	12.04	146	90404	21.364	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	91080	20.652	ug/l	98
85) n-Butylbenzene	12.40	91	163503	22.106	ug/l	99
86) Hexachloroethane	12.60	117	28267	21.459	ug/l	93
87) 1,2-Dichlorobenzene	12.40	146	90923	21.683	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	20071	24.607	ug/l	87
89) 1,2,4-Trichlorobenzene	13.65	180	66023	21.438	ug/l	99
90) Hexachlorobutadiene	13.79	225	26477	19.955	ug/l	98
91) Naphthalene	13.84	128	240904	22.384	ug/l	99
92) 1,2,3-Trichlorobenzene	14.03	180	66455	21.463	ug/l	99

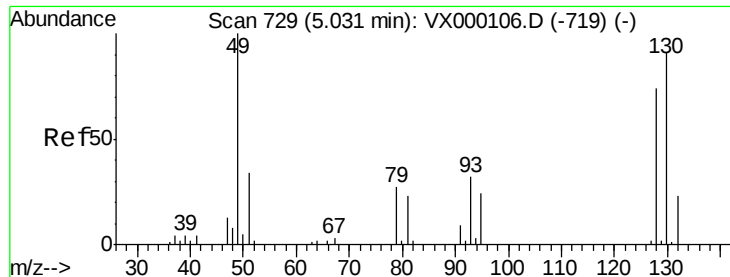
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

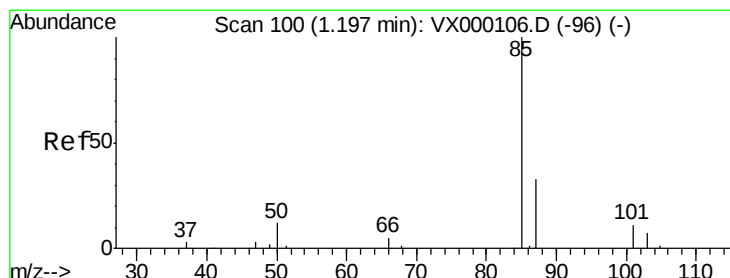
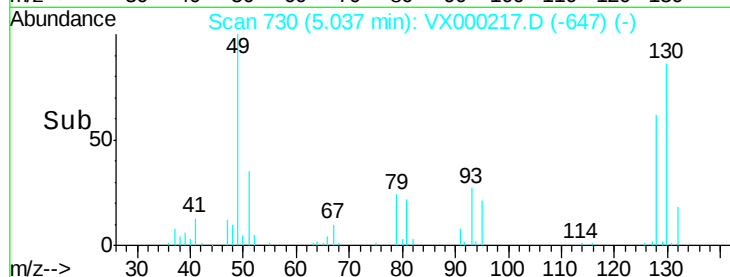
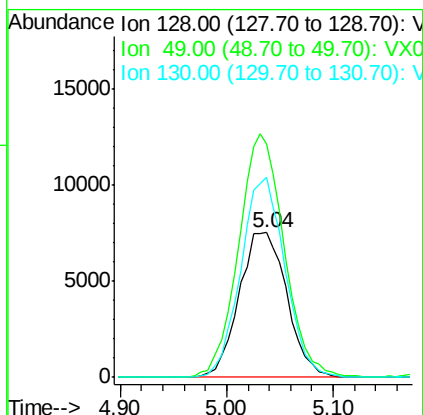
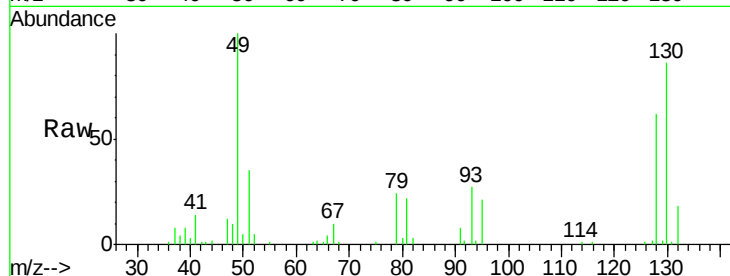
(#) = qualifier out of range (m) = manual integration (+) = signals summed						



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.04 min Scan# 730
Delta R.T. 0.01 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

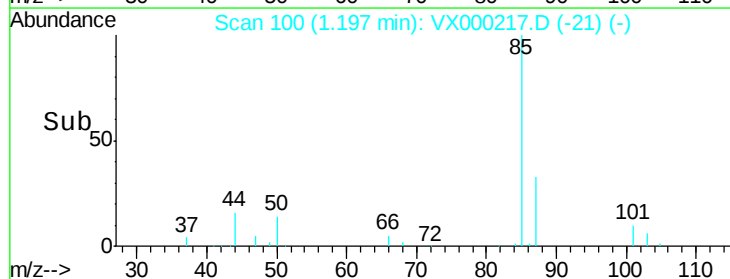
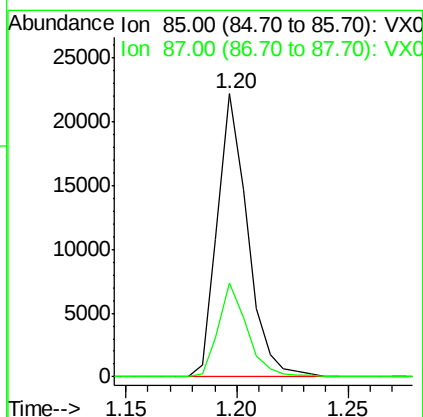
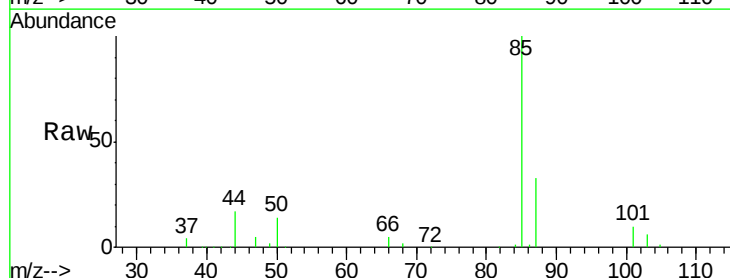
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

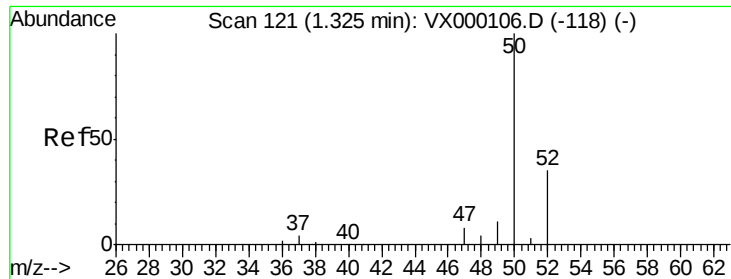
Tot Ion:128 Resp: 23729
Ion Ratio Lower Upper
128 100
49 159.7 0.0 378.3
130 127.9 0.0 324.3



#2
Dichlorodifluoromethane
Concen: 14.227 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion: 85 Resp: 20950
Ion Ratio Lower Upper
85 100
87 33.0 16.6 49.7





#3

Chloromethane

Concen: 12.484 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

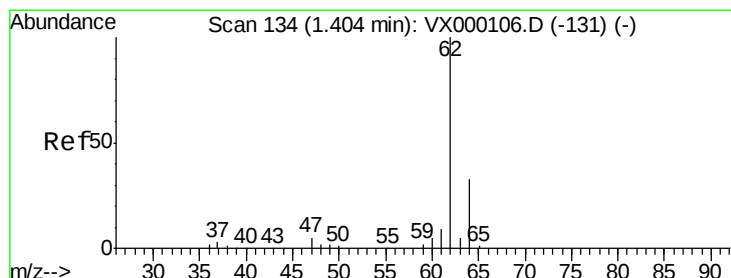
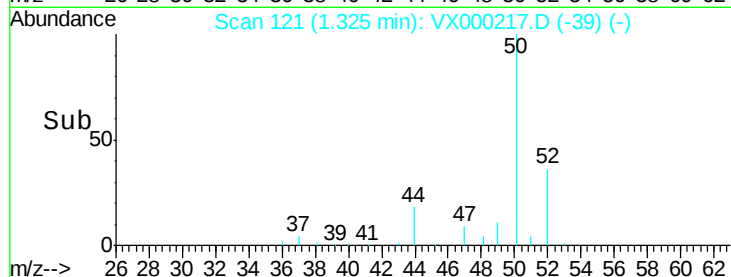
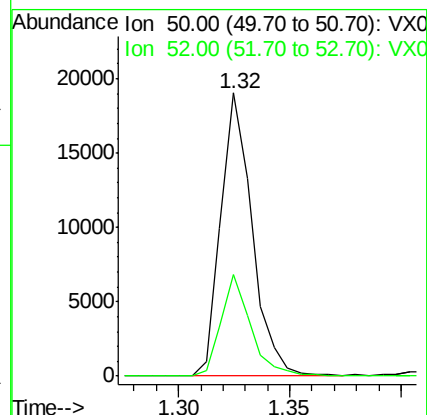
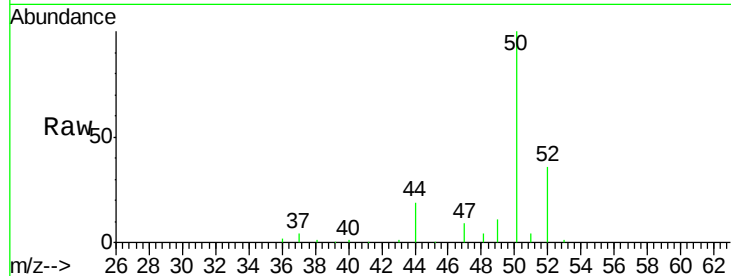
VX0308WBSD01

Tot Ion: 50 Resp: 18427

Ion Ratio Lower Upper

50 100

52 36.2 27.8 41.6



#4

Vinyl Chloride

Concen: 13.920 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX000217.D

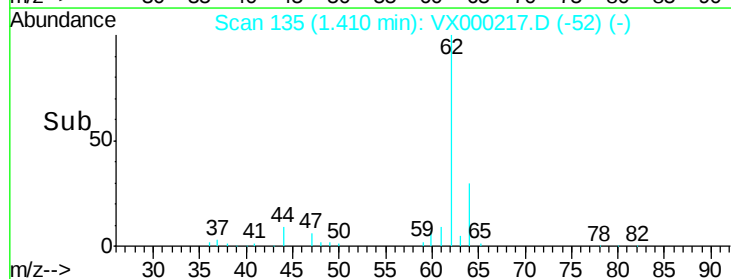
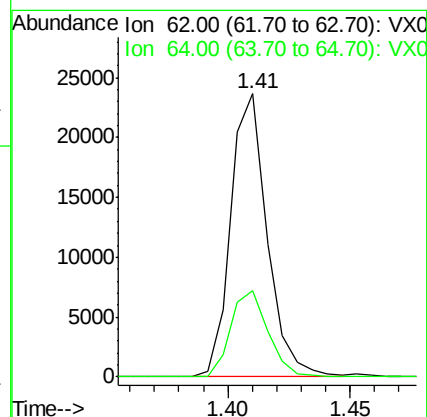
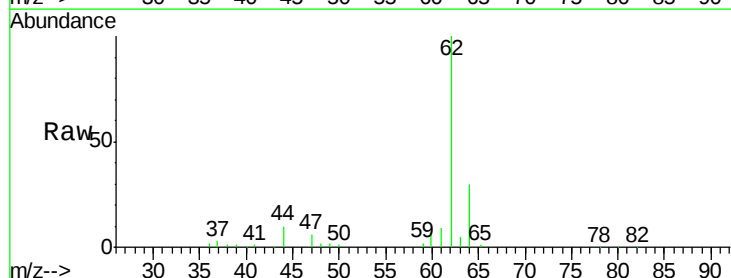
Acq: 08 Mar 2018 11:31

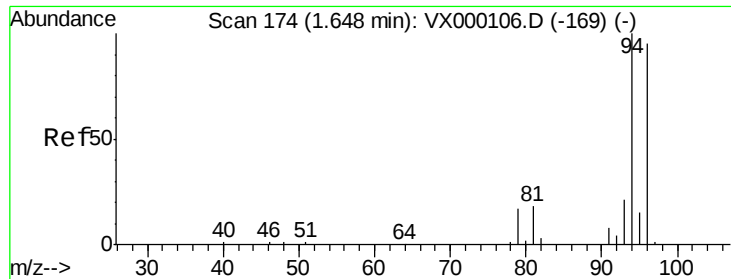
Tgt Ion: 62 Resp: 24446

Ion Ratio Lower Upper

62 100

64 30.3 26.0 39.0

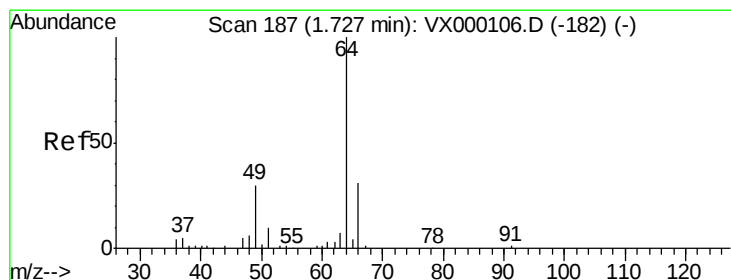
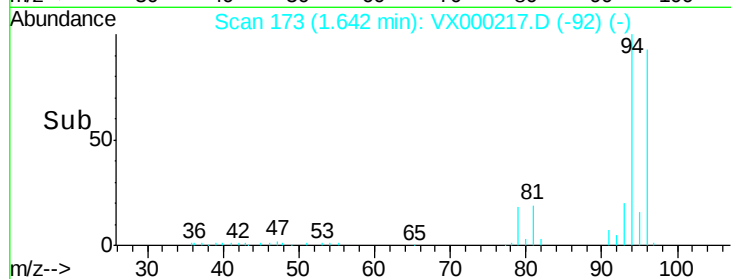
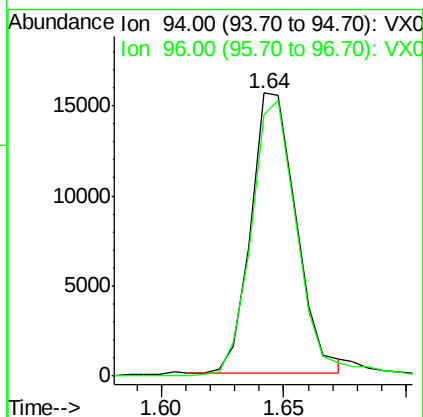
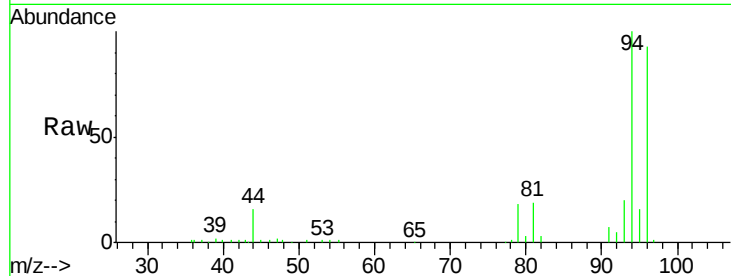




#5
Bromomethane
Concen: 12.372 ug/l
RT: 1.64 min Scan# 173
Delta R.T. -0.01 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

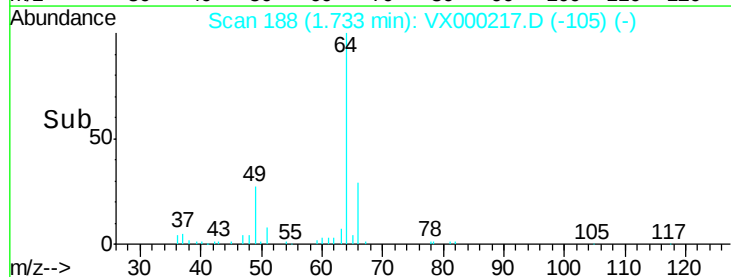
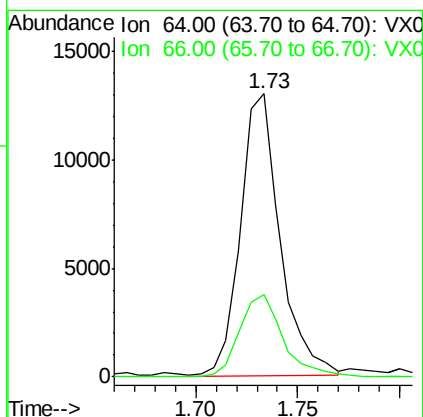
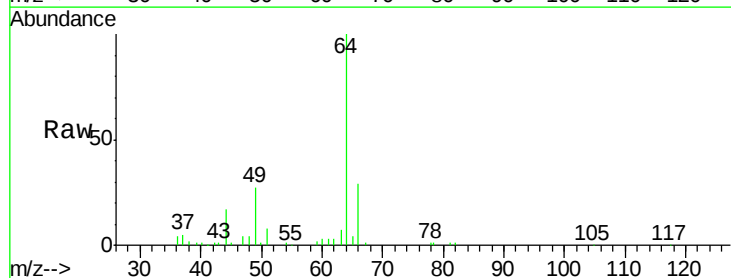
Instrument :
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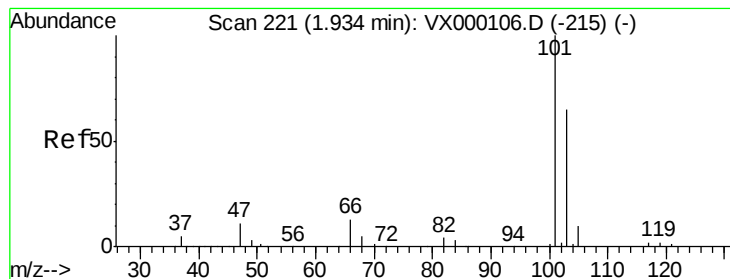
Tot Ion: 94 Resp: 20023
Ion Ratio Lower Upper
94 100
96 93.6 76.2 114.2



#6
Chloroethane
Concen: 15.663 ug/l
RT: 1.73 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion: 64 Resp: 17608
Ion Ratio Lower Upper
64 100
66 29.4 25.2 37.8



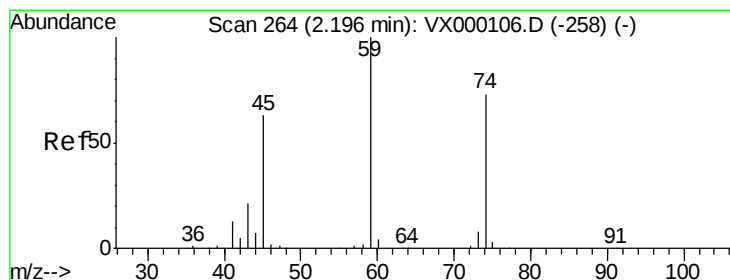
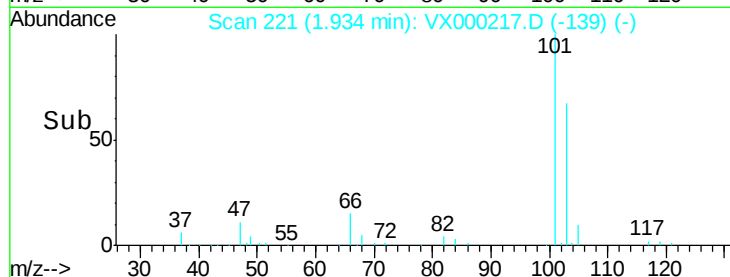
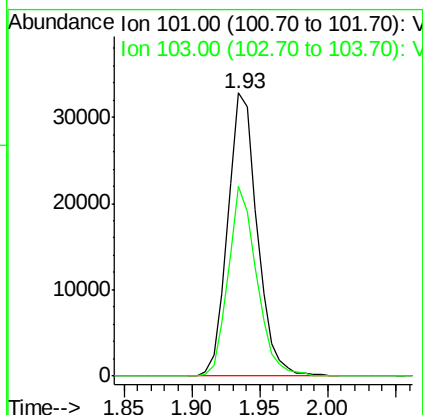
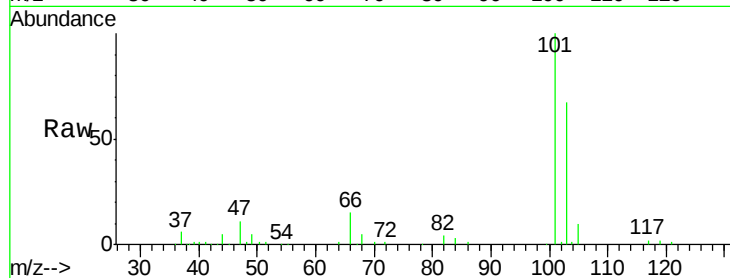


#7

Trichlorofluoromethane
Concen: 16.316 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

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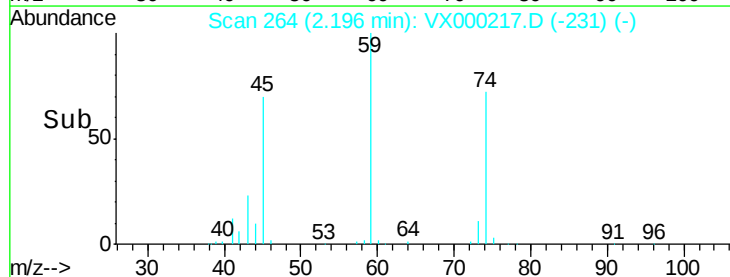
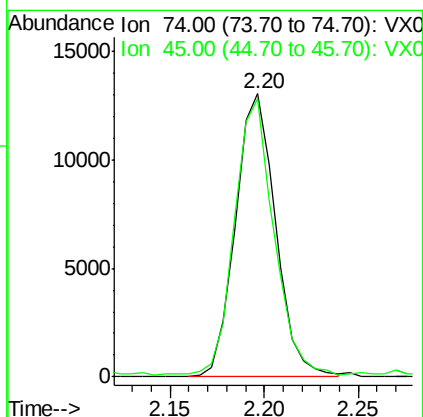
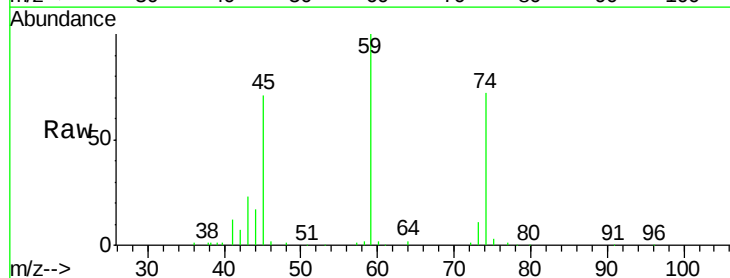
Tot Ion:101 Resp: 49637
Ion Ratio Lower Upper
101 100
103 67.0 52.2 78.4

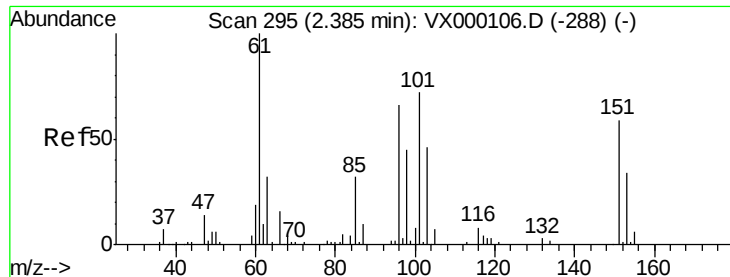


#8

Diethyl Ether
Concen: 18.106 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion: 74 Resp: 19236
Ion Ratio Lower Upper
74 100
45 96.5 17.8 159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.803 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

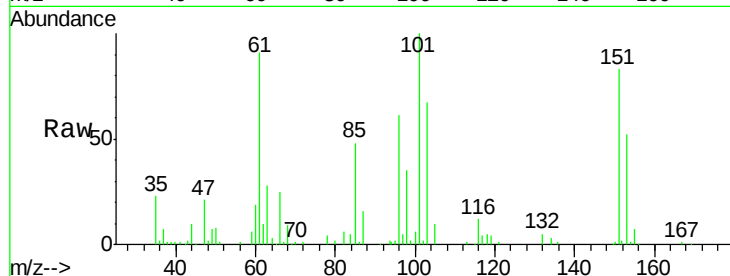
Tot Ion:101 Resp: 29551

Ion Ratio Lower Upper

101 100

85 48.3 0.0 90.4

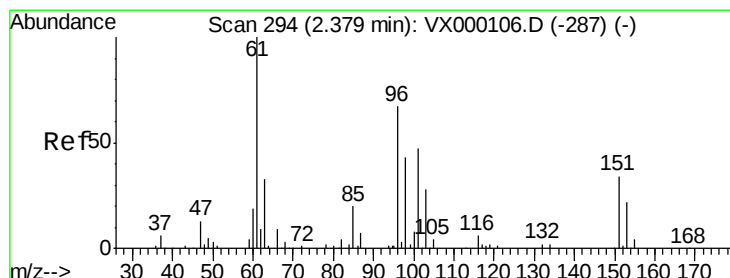
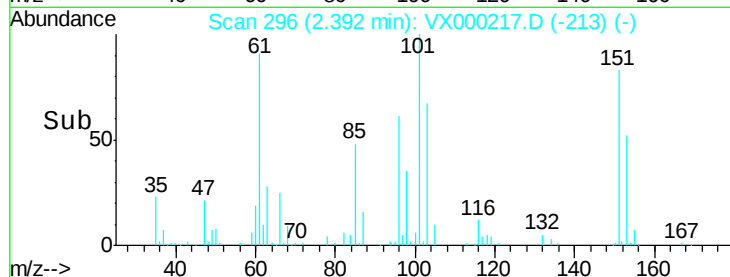
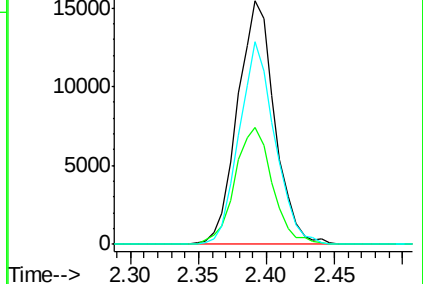
151 79.7 0.0 167.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 14.845 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

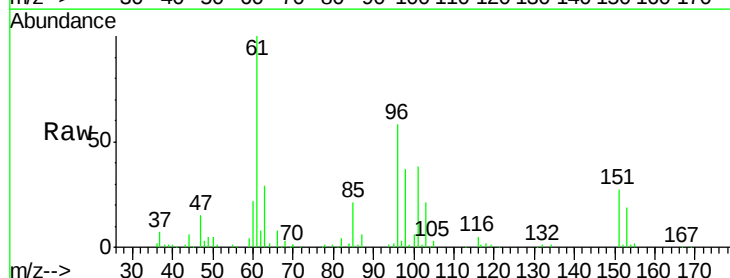
Tgt Ion: 96 Resp: 23538

Ion Ratio Lower Upper

96 100

61 172.3 118.6 178.0

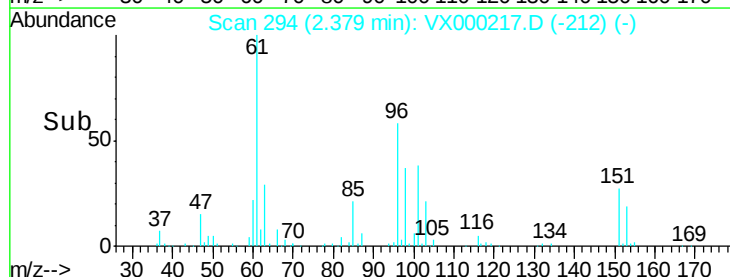
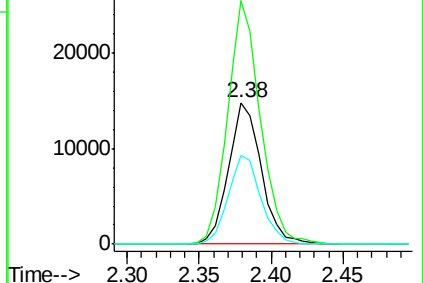
98 63.0 51.0 76.6

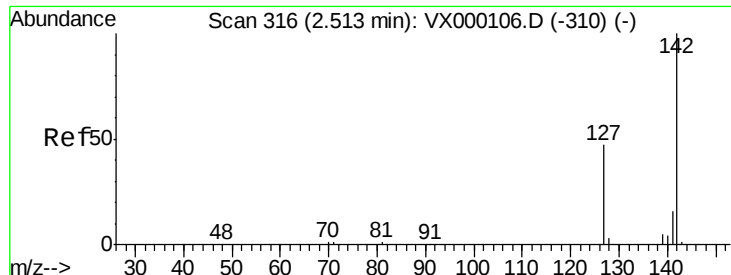


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

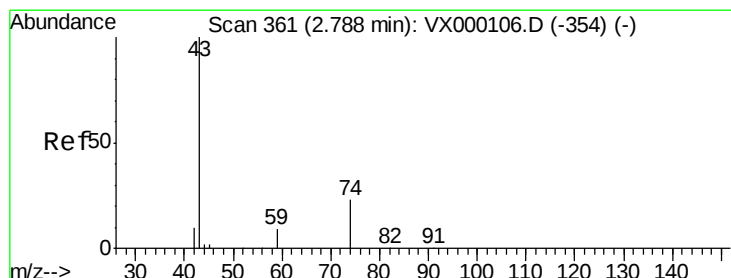
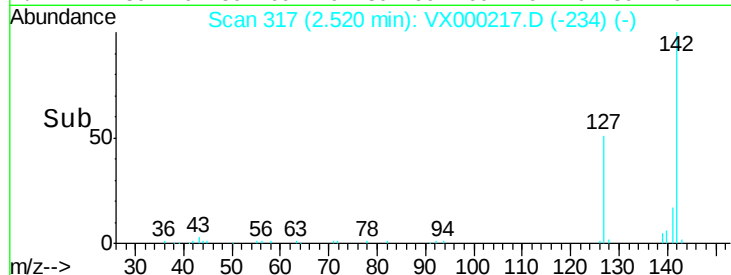
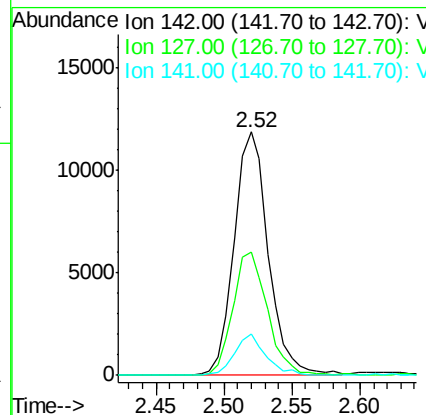
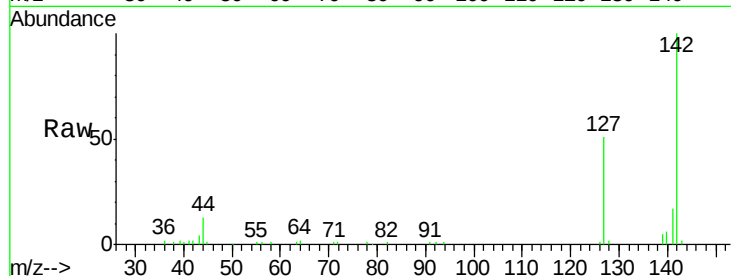




#11
Methvl Iodide
Concen: 13.524 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

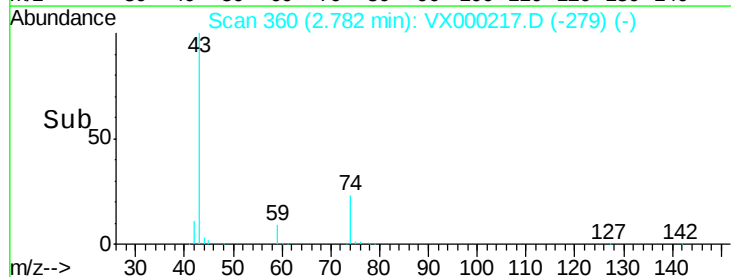
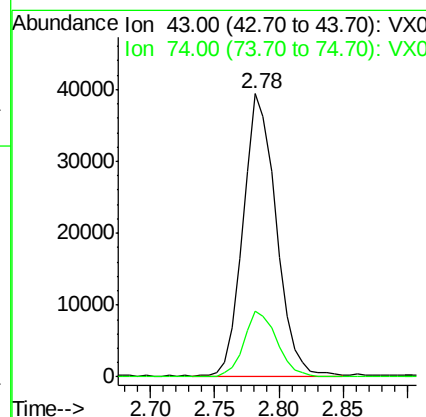
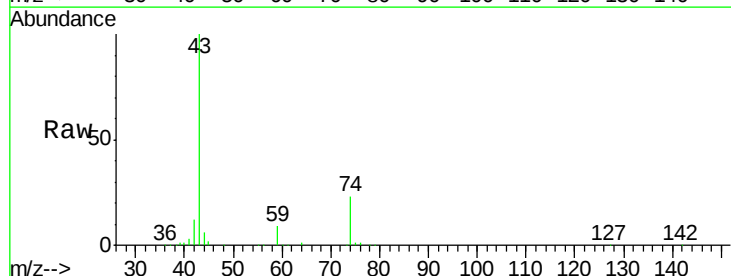
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

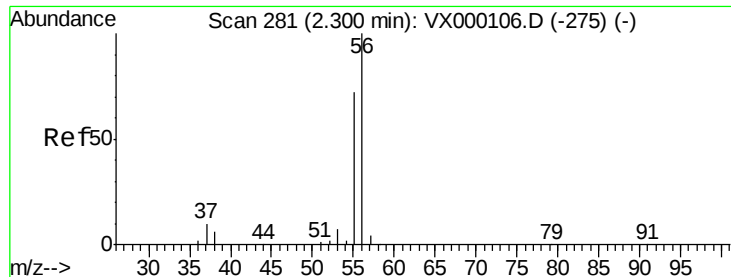
Tot Ion:142 Resp: 20842
Ion Ratio Lower Upper
142 100
127 50.6 23.8 71.5
141 16.9 8.2 24.4



#12
Methyl Acetate
Concen: 24.537 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion: 43 Resp: 69519
Ion Ratio Lower Upper
43 100
74 23.1 18.6 27.8





#13

Acrolein

Concen: 182.345 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

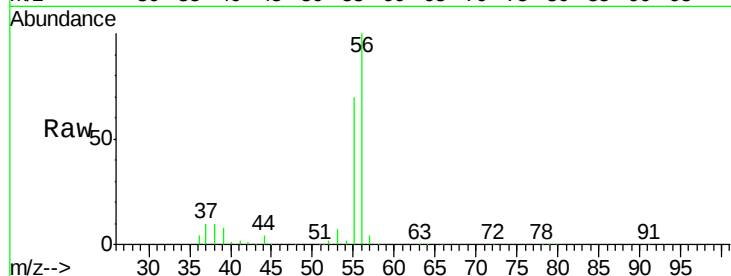
VX0308WBSD01

Tot Ion: 56 Resp: 62171

Ion Ratio Lower Upper

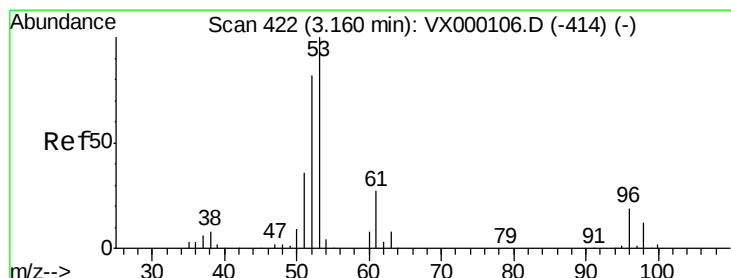
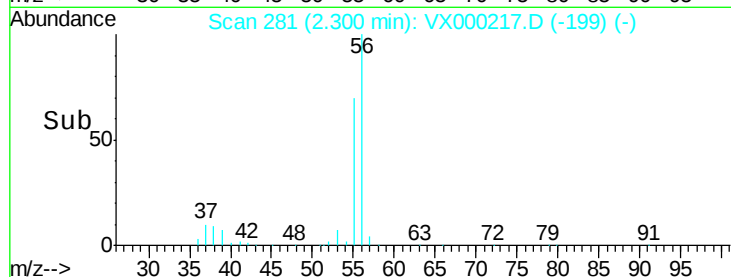
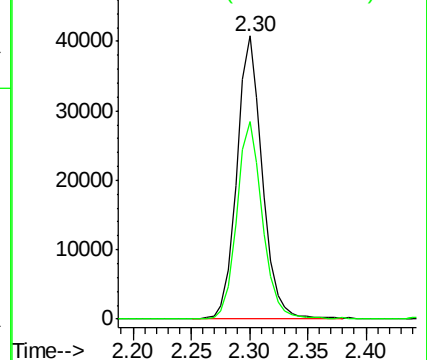
56 100

55 70.1 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 111.768 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

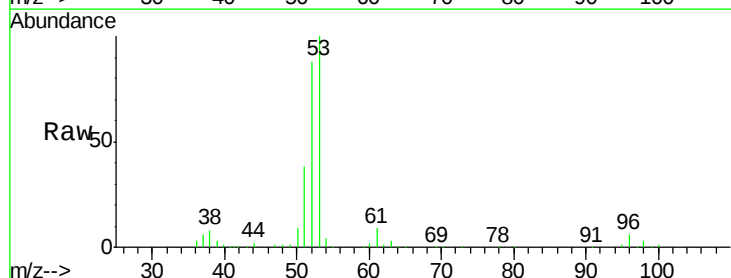
Tgt Ion: 53 Resp: 137220

Ion Ratio Lower Upper

53 100

52 84.8 41.9 125.8

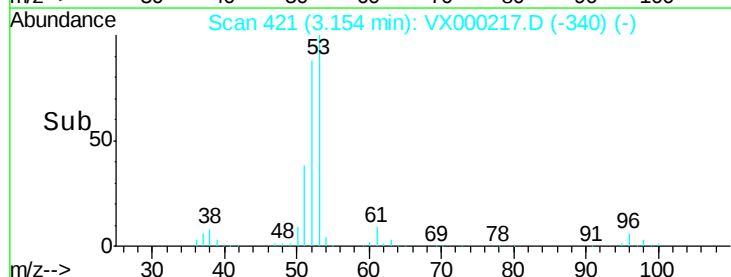
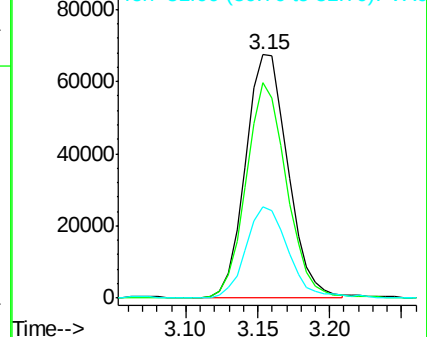
51 37.5 18.8 56.3

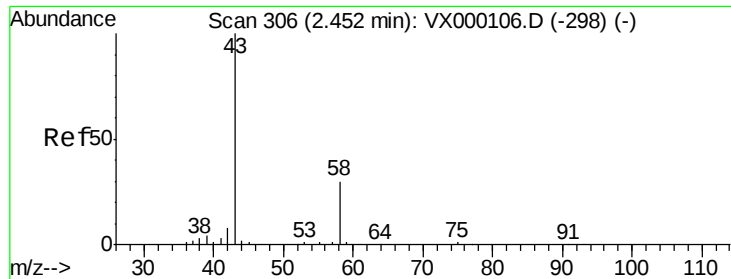


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 126.650 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

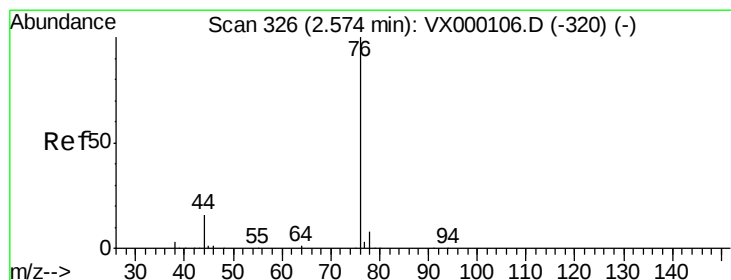
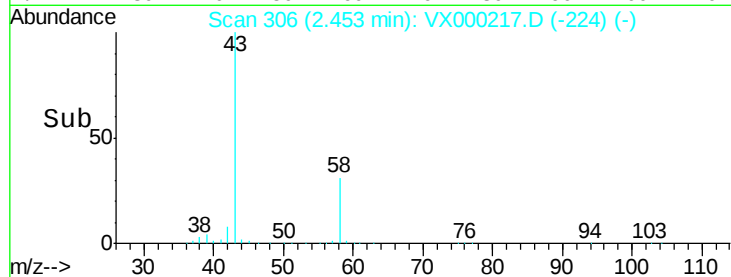
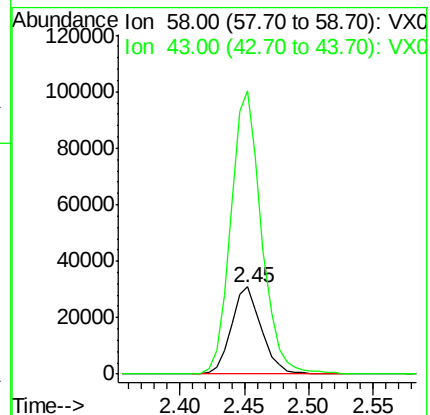
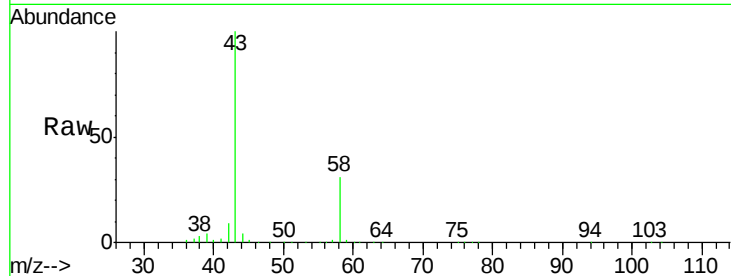
VX0308WBSD01

Tot Ion: 58 Resp: 50694

Ion Ratio Lower Upper

58 100

43 325.3 264.6 396.8



#16

Carbon Disulfide

Concen: 7.406 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000217.D

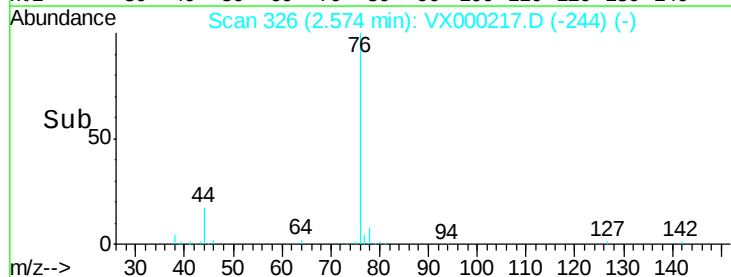
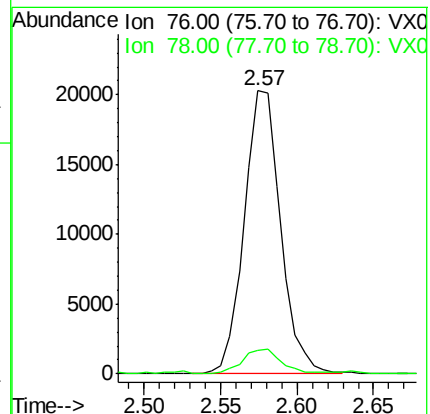
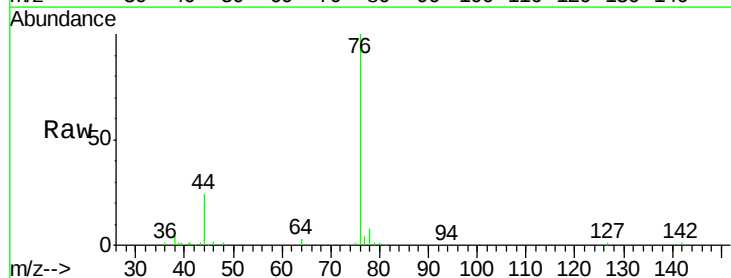
Acq: 08 Mar 2018 11:31

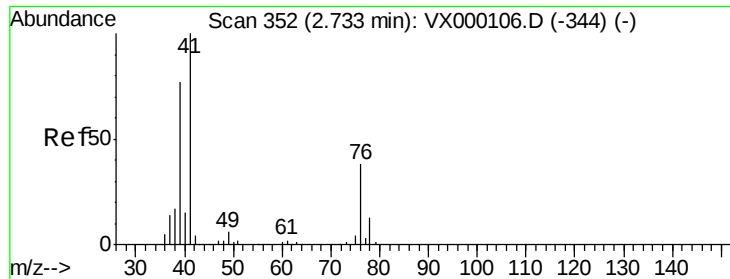
Tgt Ion: 76 Resp: 33582

Ion Ratio Lower Upper

76 100

78 8.1 6.8 10.2





#17

Allvl chloride

Concen: 18.684 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

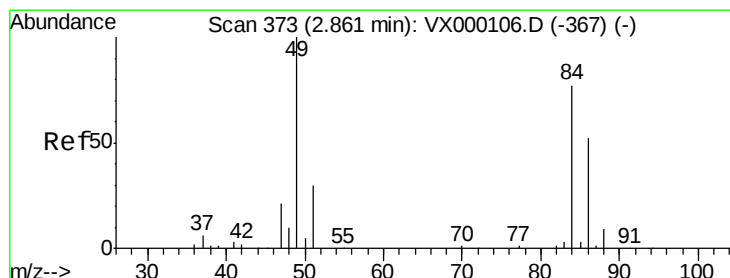
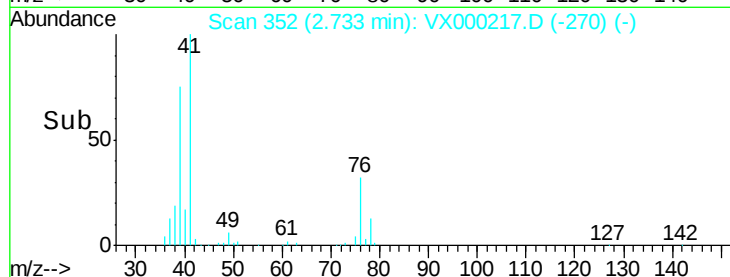
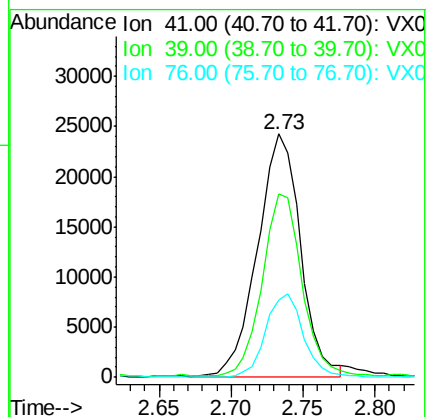
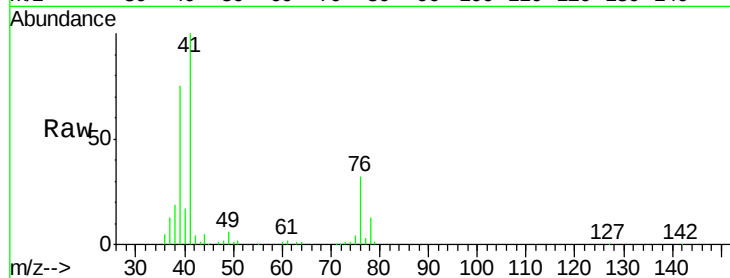
Tot Ion: 41 Resp: 50505

Ion Ratio Lower Upper

41 100

39 74.4 38.5 115.5

76 31.7 18.7 56.1



#18

Methylene Chloride

Concen: 17.763 ug/l

RT: 2.87 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Tgt Ion: 84 Resp: 30691

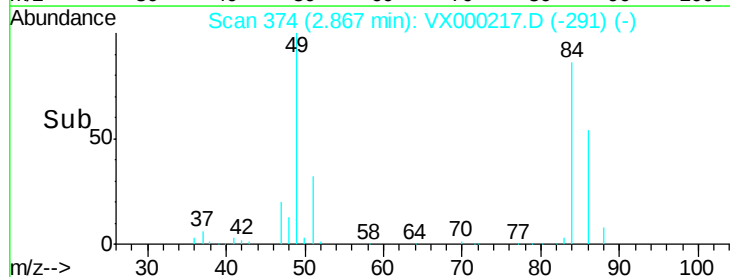
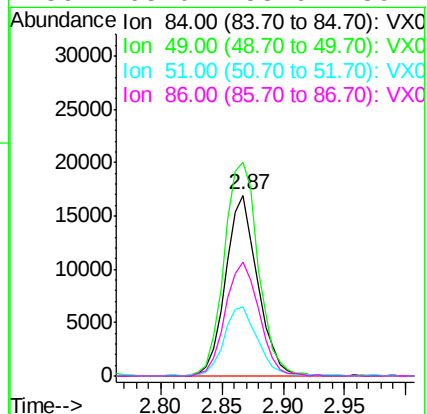
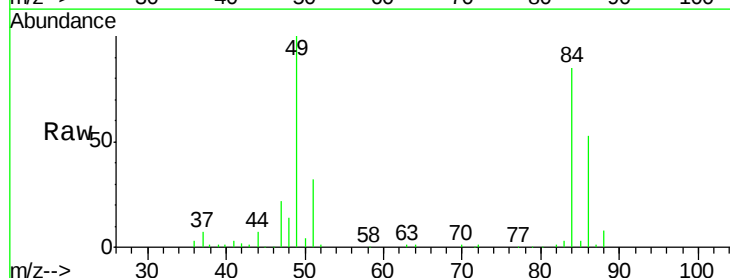
Ion Ratio Lower Upper

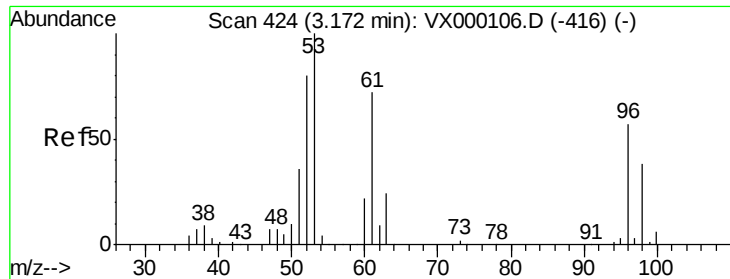
84 100

49 118.0 103.3 154.9

51 37.4 31.2 46.8

86 63.0 53.6 80.4

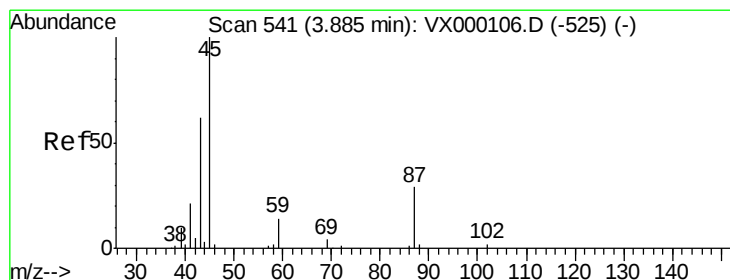
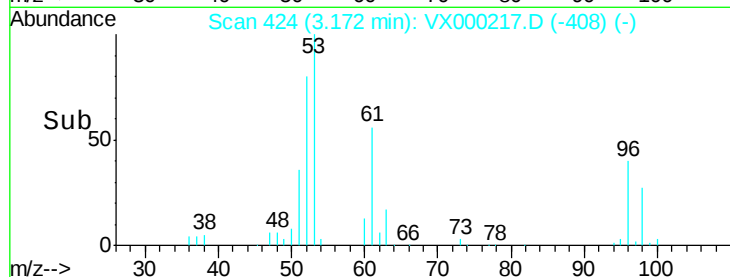
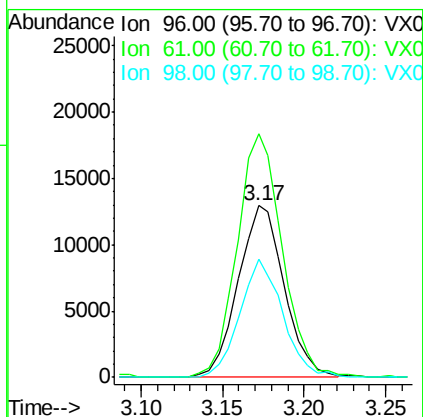
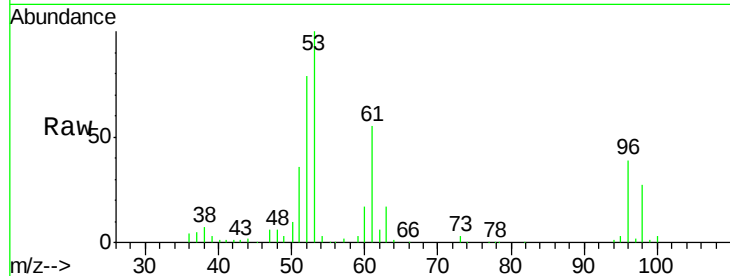




#19
trans-1,2-Dichloroethene
Concen: 14.727 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

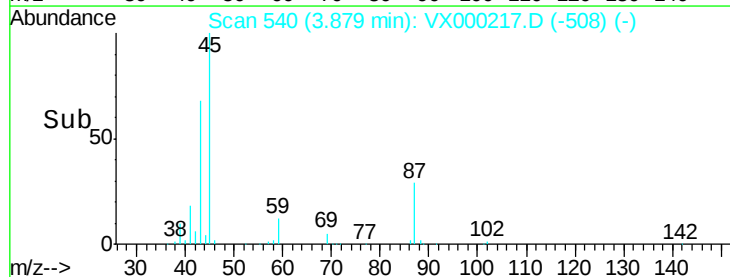
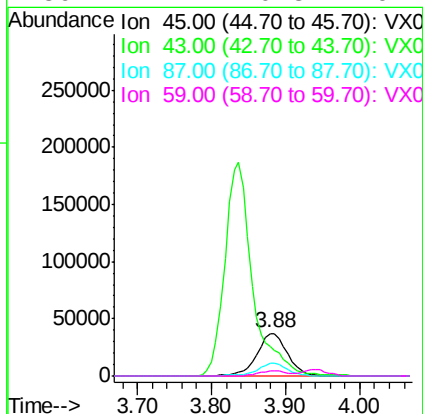
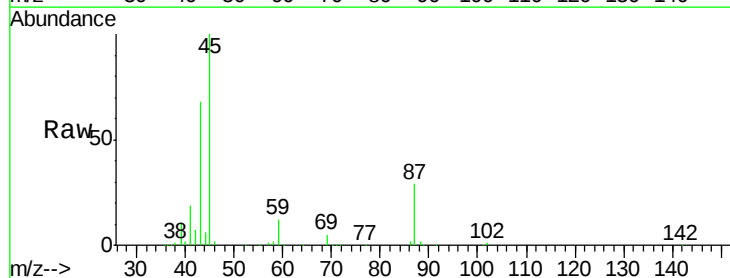
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

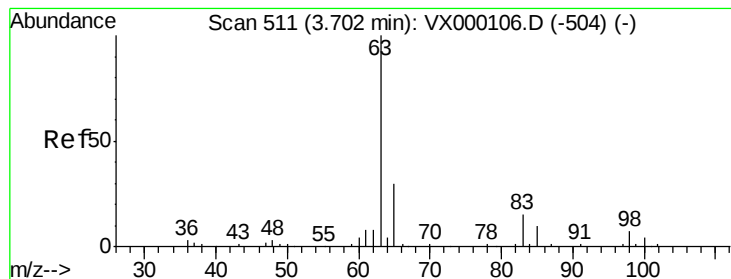
Tot Ion: 96 Resp: 25404
Ion Ratio Lower Upper
96 100
61 141.5 101.0 151.6
98 69.1 53.3 79.9



#20
Diisopropyl ether
Concen: 24.991 ug/l
RT: 3.88 min Scan# 540
Delta R.T. -0.01 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion: 45 Resp: 106669
Ion Ratio Lower Upper
45 100
43 67.7 49.6 74.4
87 28.9 23.1 34.7
59 11.7 10.8 16.2





#21

1,1-Dichloroethane

Concen: 20.923 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

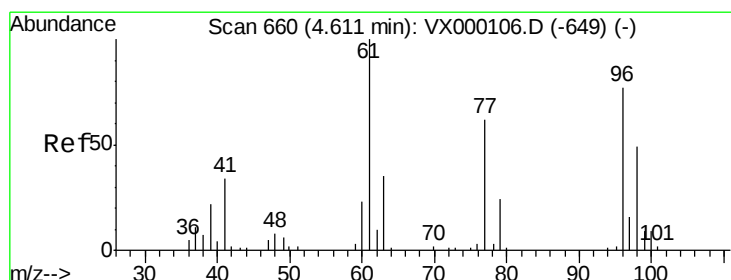
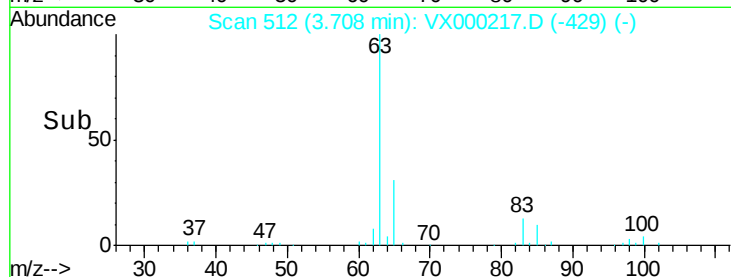
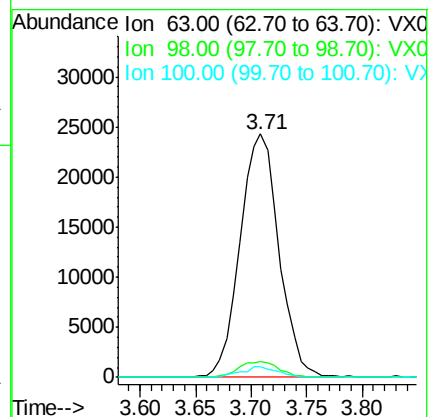
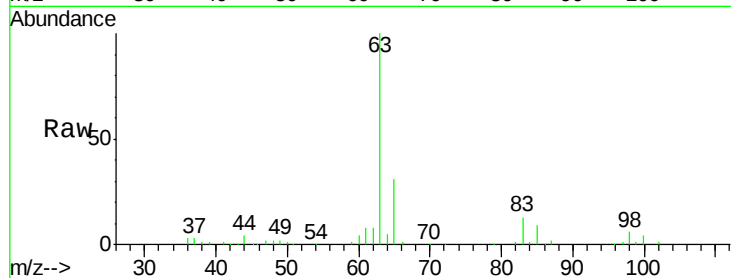
Tot Ion: 63 Resp: 58864

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

100 4.4 2.1 6.5



#22

cis-1,2-Dichloroethene

Concen: 18.202 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

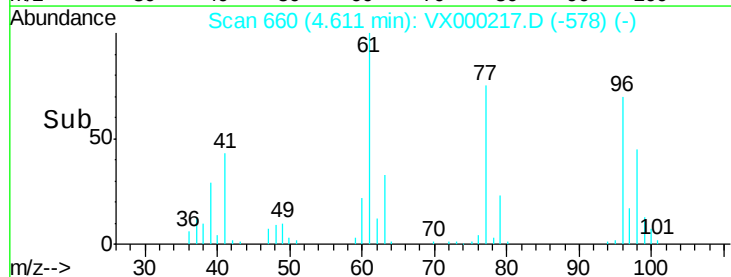
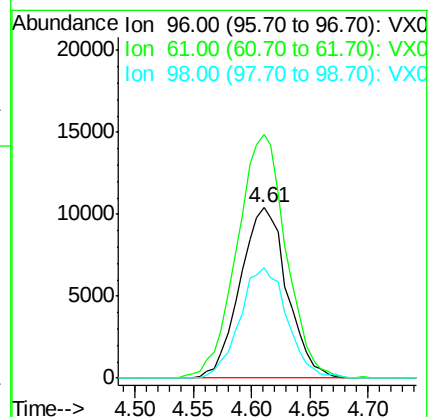
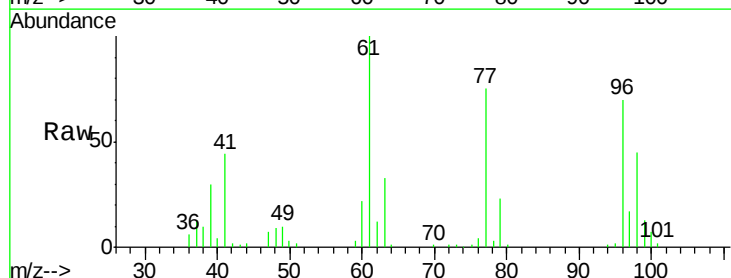
Tgt Ion: 96 Resp: 29173

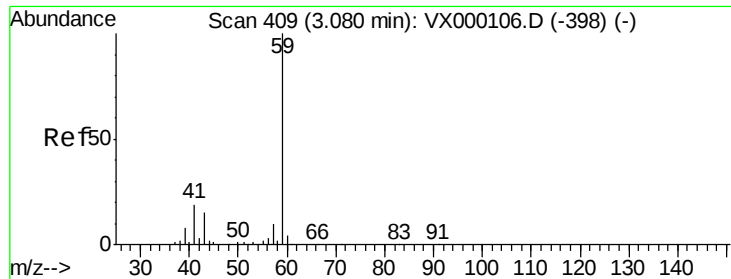
Ion Ratio Lower Upper

96 100

61 148.9 113.5 170.3

98 64.7 51.8 77.8



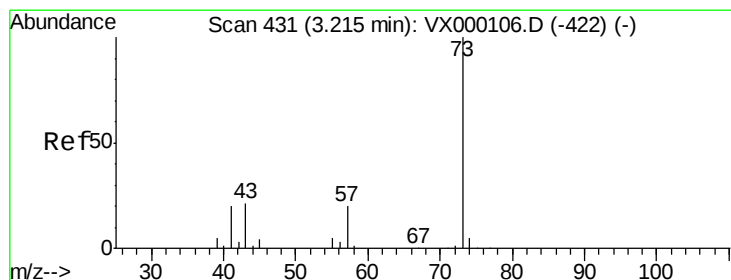
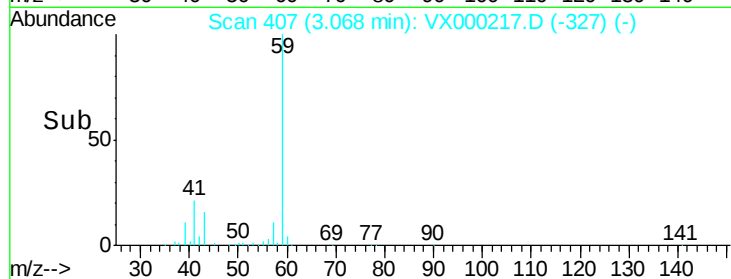
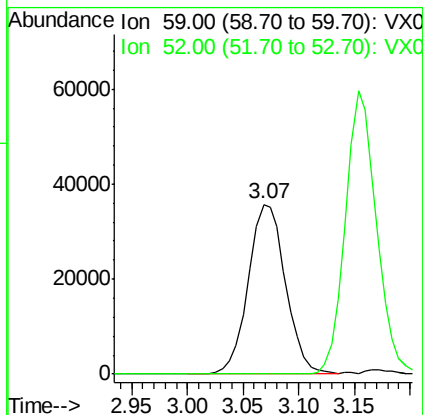
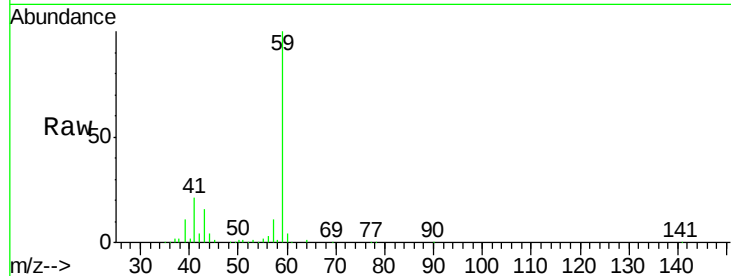


#23

tert-Butyl Alcohol
Concen: 119.024 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

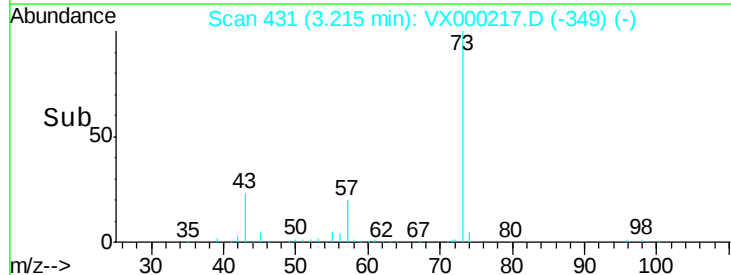
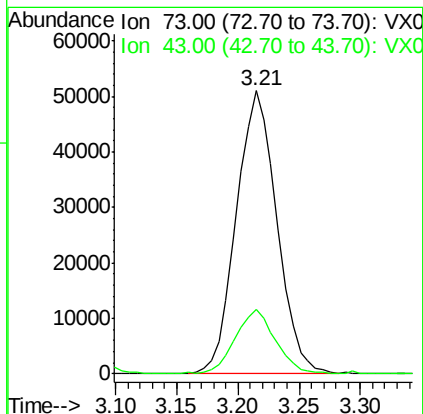
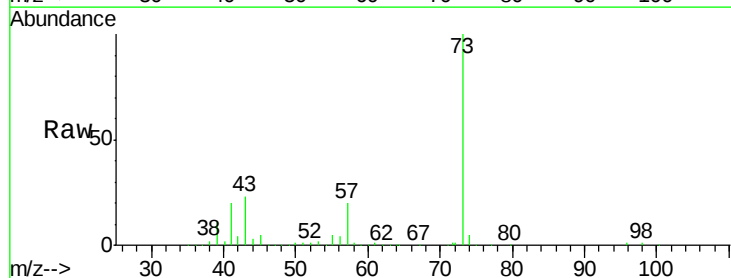
Tot Ion: 59 Resp: 83527
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1#

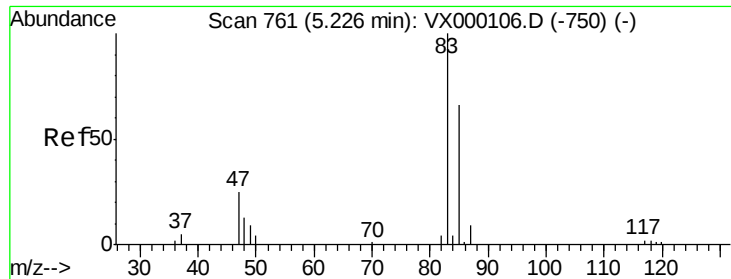


#24

Methyl tert-Butyl Ether
Concen: 21.530 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion: 73 Resp: 117624
Ion Ratio Lower Upper
73 100
43 22.4 16.5 24.7





#25

Chloroform

Concen: 20.902 ug/l

RT: 5.23 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

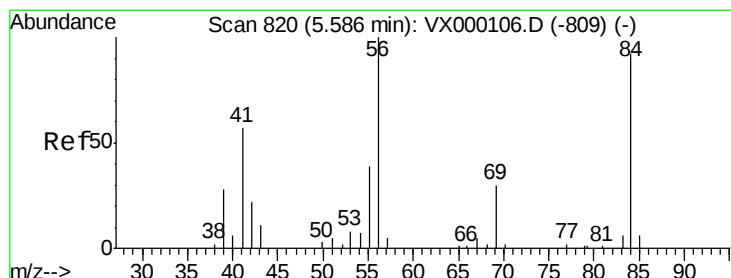
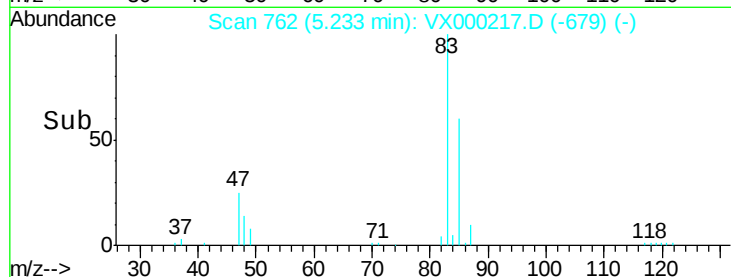
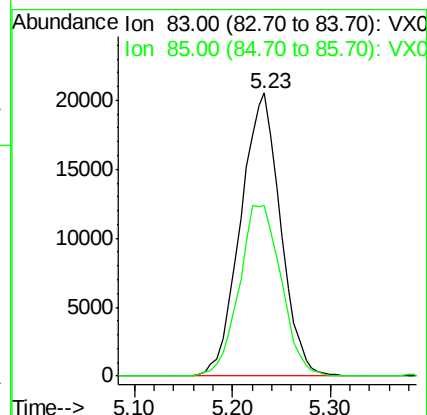
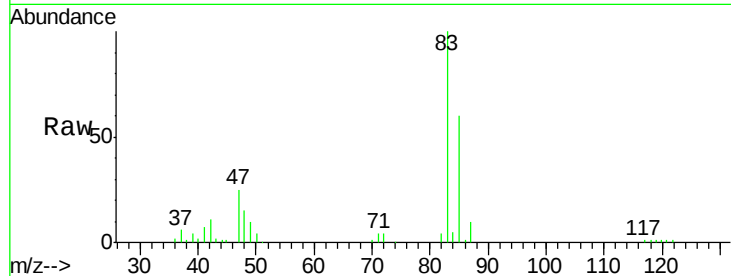
VX0308WBSD01

Tot Ion: 83 Resp: 58305

Ion Ratio Lower Upper

83 100

85 60.2 52.5 78.7



#26

Cyclohexane

Concen: 14.005 ug/l

RT: 5.59 min Scan# 821

Delta R.T. 0.01 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

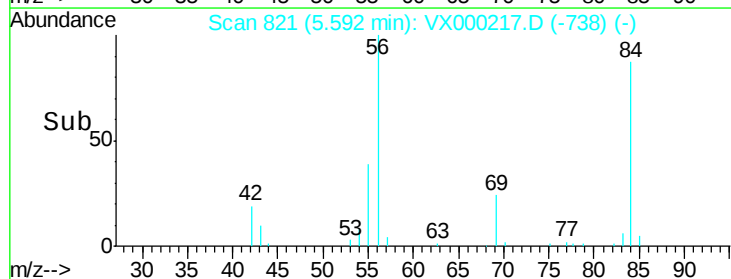
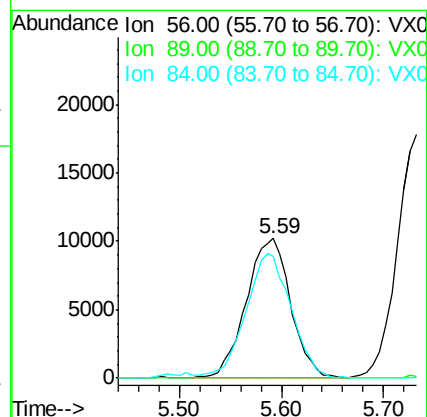
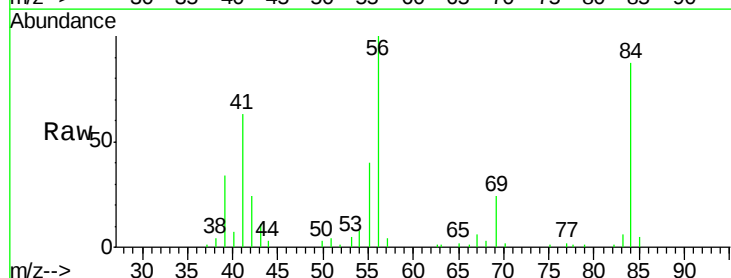
Tgt Ion: 56 Resp: 30893

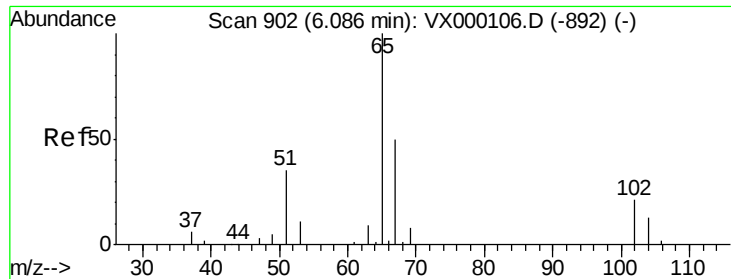
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.1 74.8 112.2





#27

1,2-Dichloroethane-d4

Concen: 31.540 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.01 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

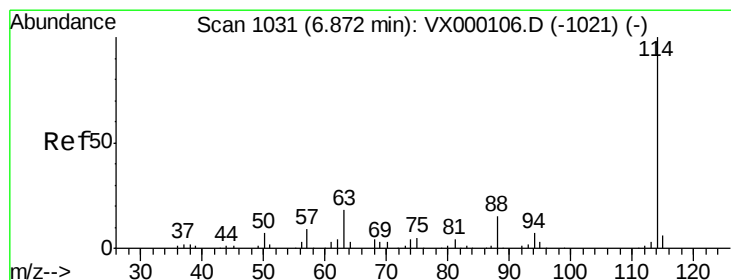
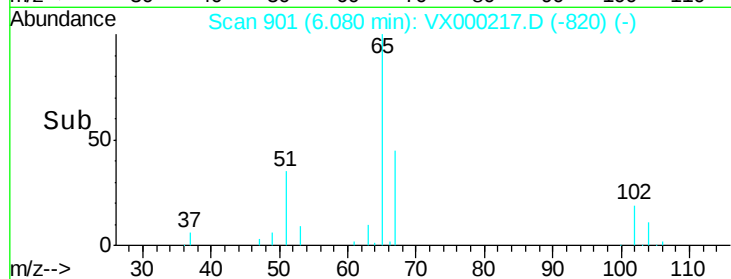
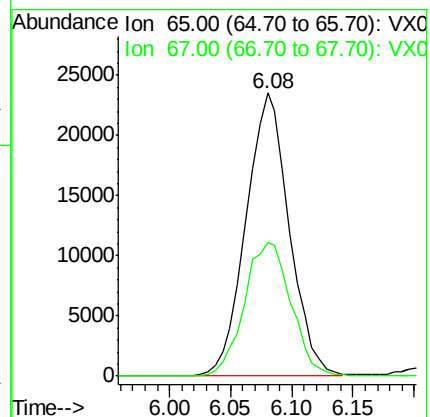
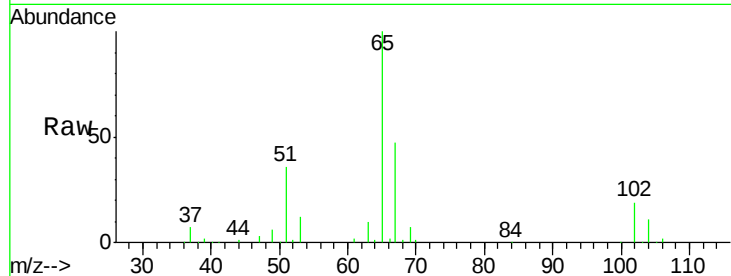
VX0308WBSD01

Tot Ion: 65 Resp: 57923

Ion Ratio Lower Upper

65 100

67 50.8 41.4 62.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

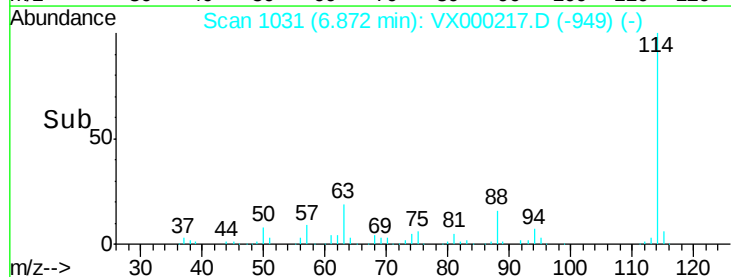
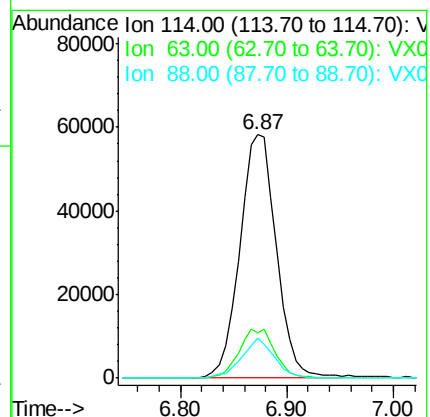
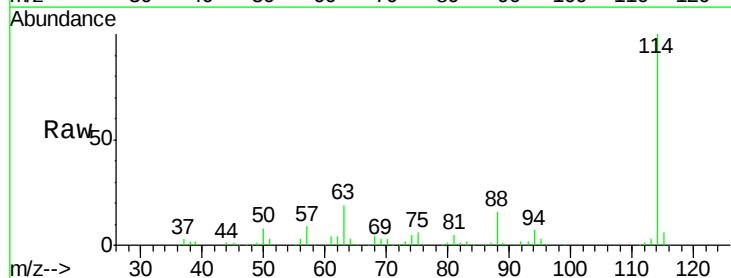
Tgt Ion: 114 Resp: 140149

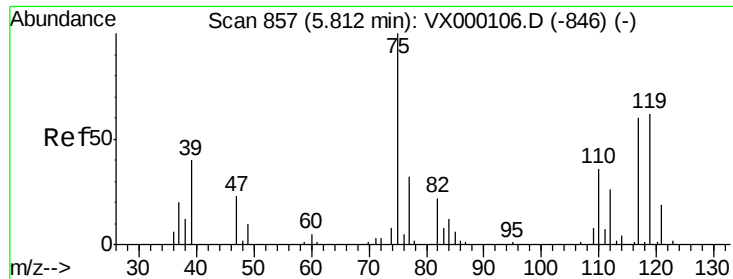
Ion Ratio Lower Upper

114 100

63 19.9 15.0 22.4

88 14.5 11.8 17.8

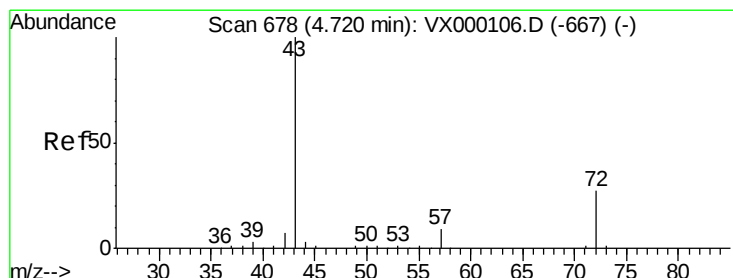
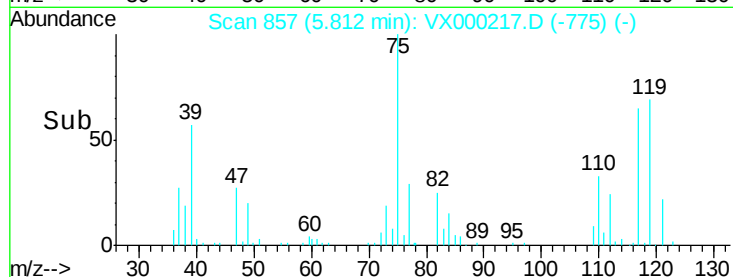
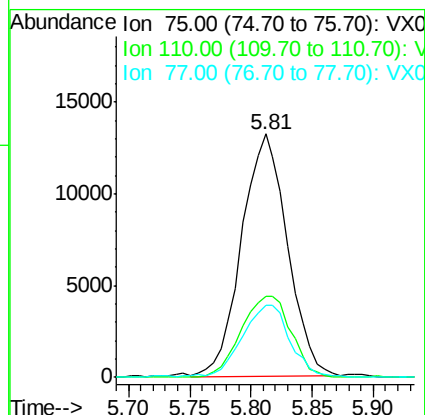
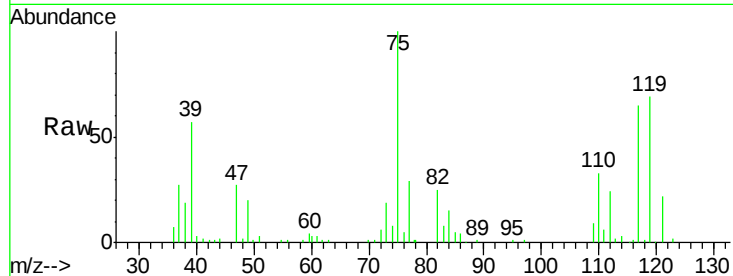




#29
 1,1-Dichloropropene
 Concen: 16.858 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

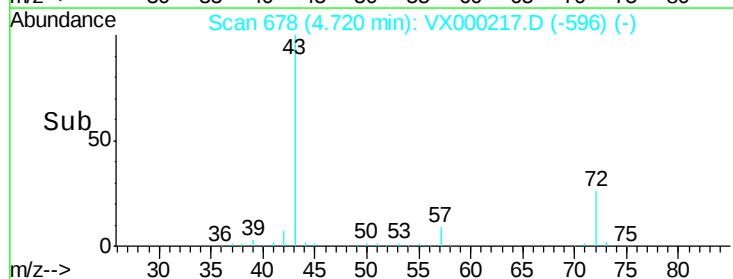
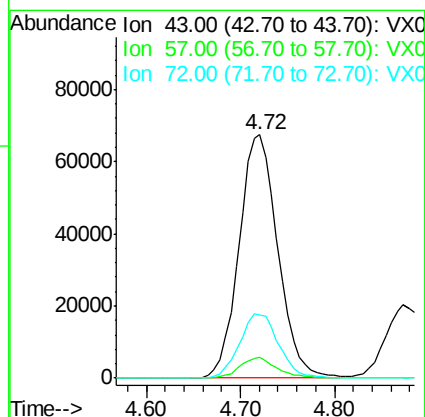
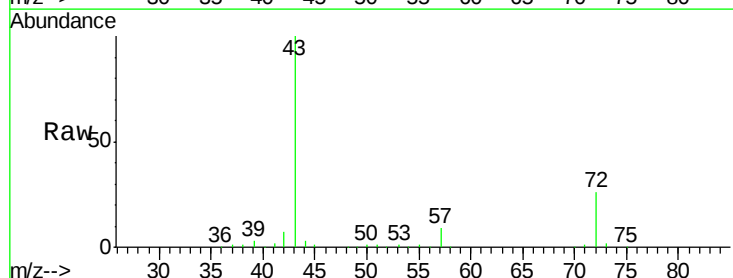
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

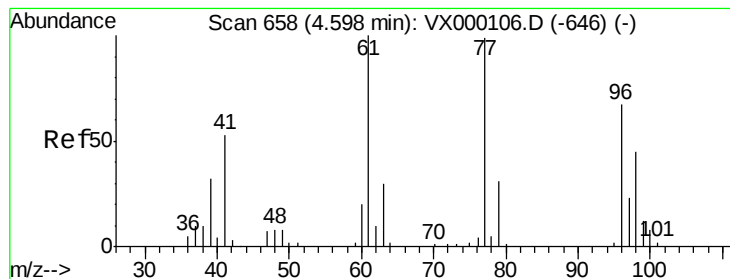
Tot Ion: 75 Resp: 34406
 Ion Ratio Lower Upper
 75 100
 110 36.3 0.0 75.6
 77 31.2 0.0 62.6



#30
 2-Butanone
 Concen: 123.471 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

Tgt Ion: 43 Resp: 193976
 Ion Ratio Lower Upper
 43 100
 57 8.1 6.6 10.0
 72 26.6 21.8 32.6





#31

2,2-Dichloropropane

Concen: 20.071 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

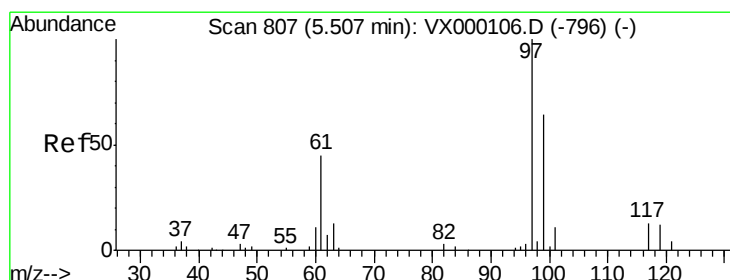
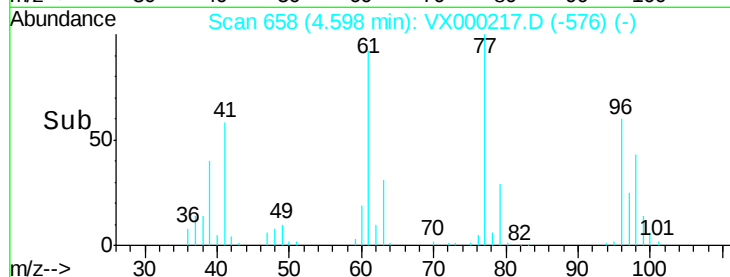
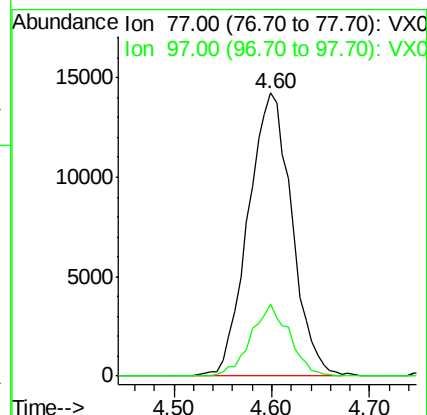
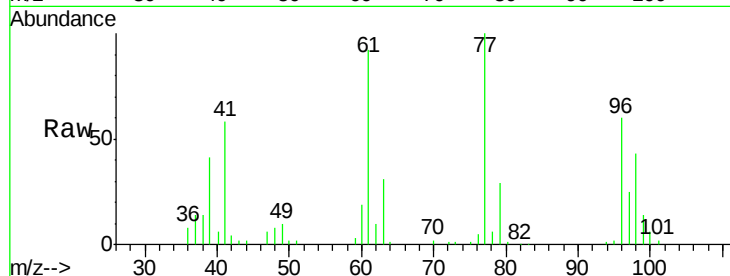
VX0308WBSD01

Tot Ion: 77 Resp: 44063

Ion Ratio Lower Upper

77 100

97 22.3 18.6 27.8



#32

1,1,1-Trichloroethane

Concen: 19.597 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

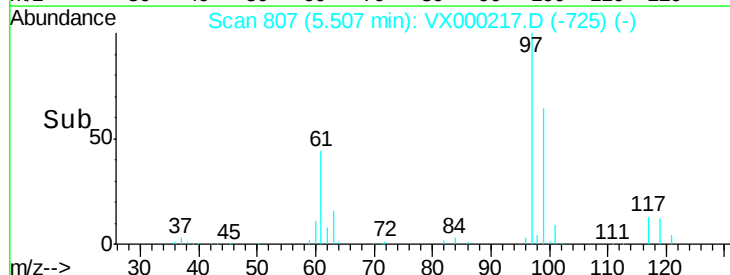
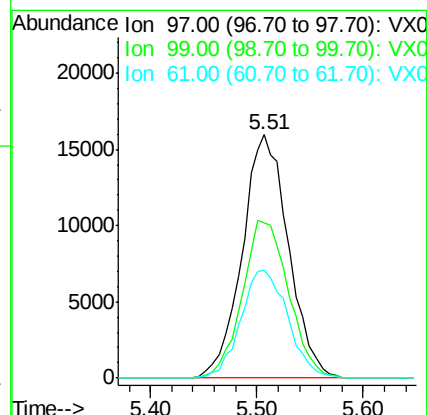
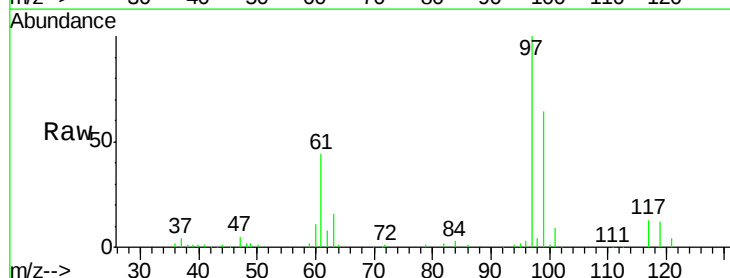
Tgt Ion: 97 Resp: 48396

Ion Ratio Lower Upper

97 100

99 65.1 52.3 78.5

61 45.1 34.3 51.5





#33

Carbon Tetrachloride

Concen: 17.598 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.01 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

ClientSampled :

VX0308WBSD01

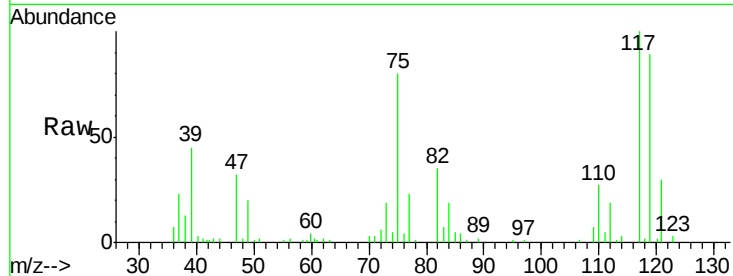
Tot Ion:117 Resp: 38590

Ion Ratio Lower Upper

117 100

119 88.8 73.5 110.3

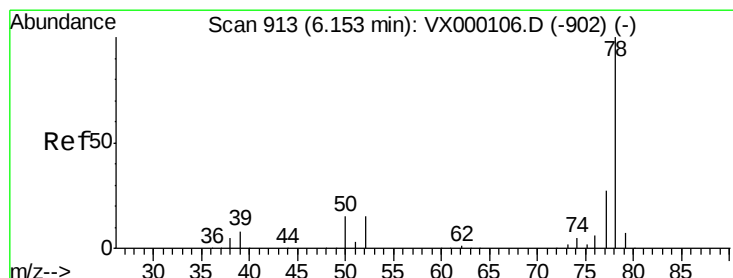
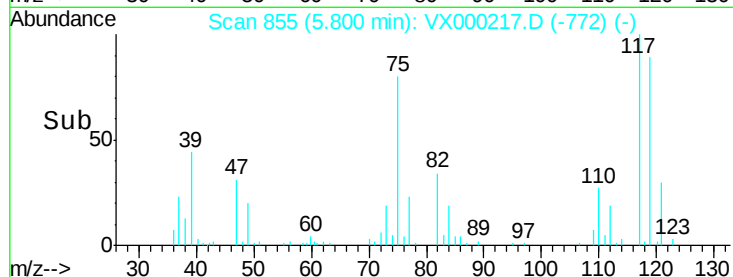
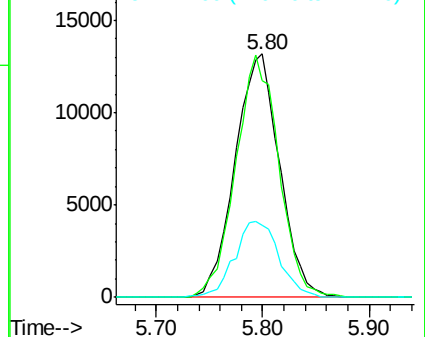
121 29.6 24.6 37.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.609 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

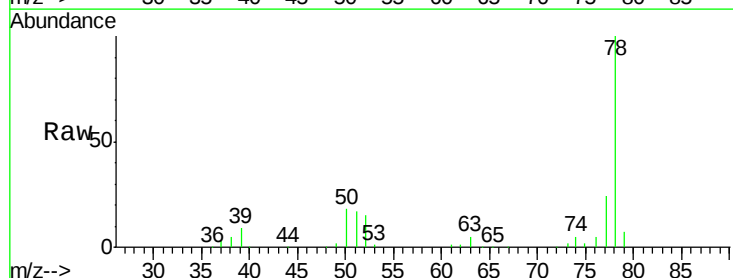
Tgt Ion: 78 Resp: 109288

Ion Ratio Lower Upper

78 100

77 24.2 21.7 32.5

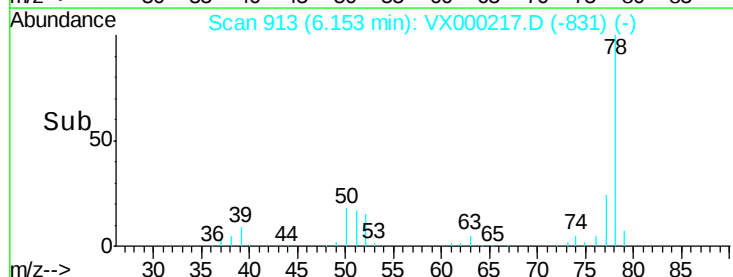
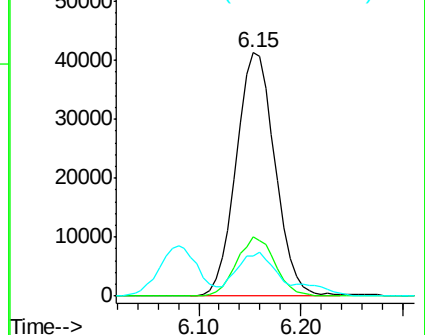
51 15.3 14.9 22.3

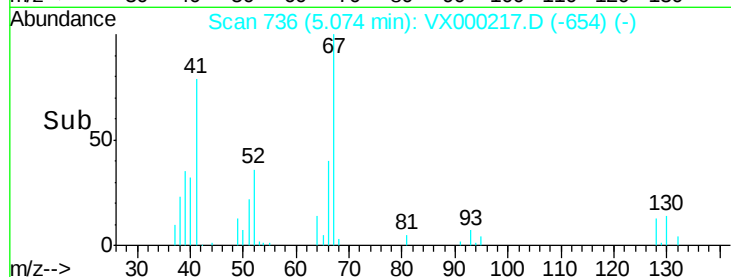
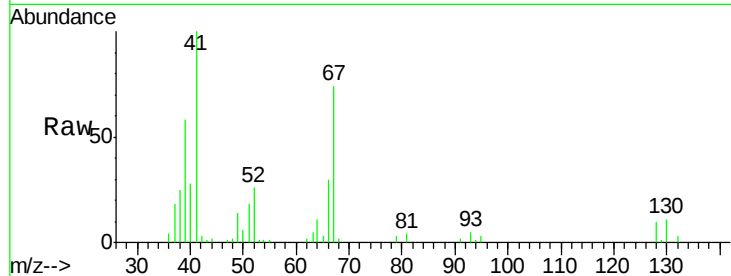
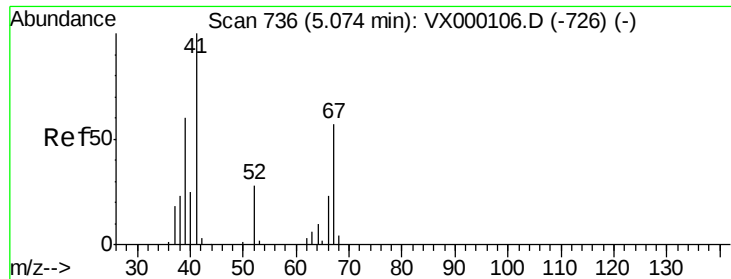


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

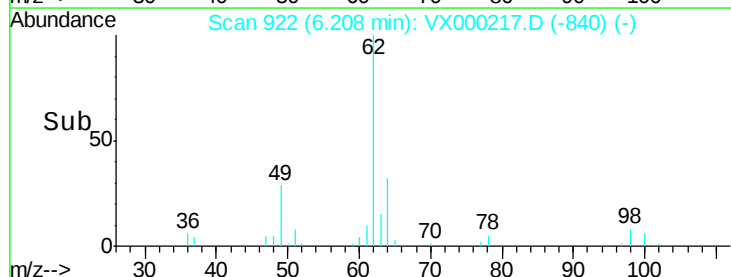
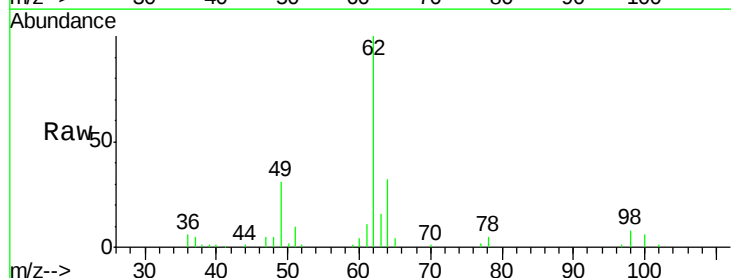
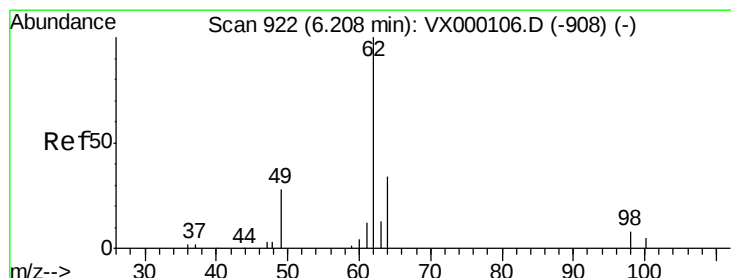
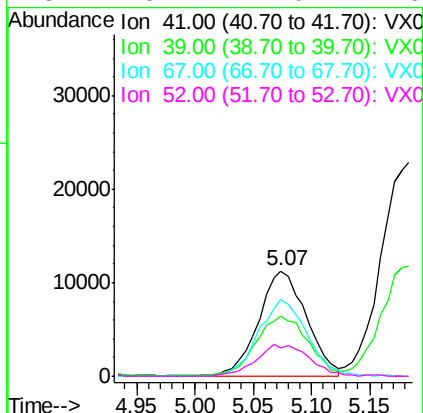




#35
Methacrylonitrile
Concen: 22.220 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

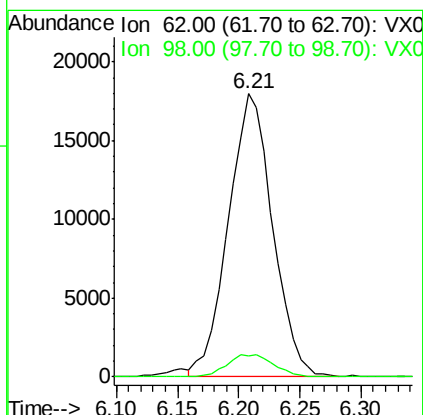
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

Tot Ion:	41	Resp:	32142
Ion	Ratio	Lower	Upper
41	100		
39	56.3	29.8	89.3
67	73.6	28.7	86.3
52	26.4	14.0	41.9



#36
1,2-Dichloroethane
Concen: 20.272 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion:	62	Resp:	45147
Ion	Ratio	Lower	Upper
62	100		
98	8.3	6.9	10.3

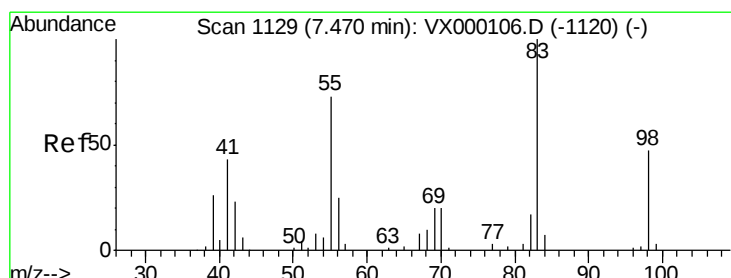
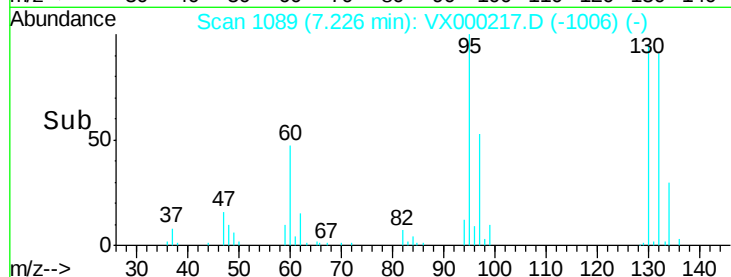
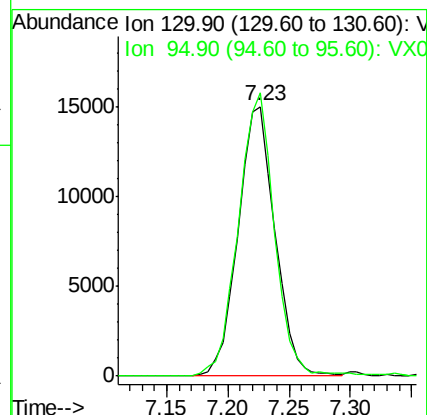
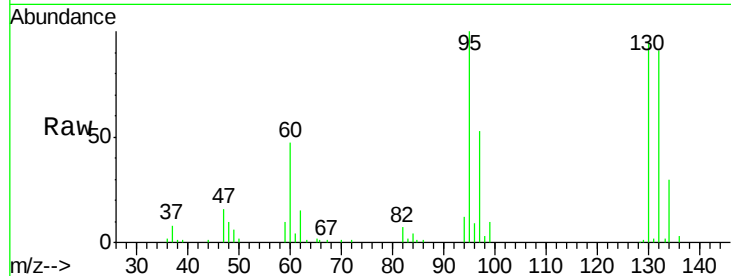




#37
 Trichloroethene
 Concen: 18.117 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

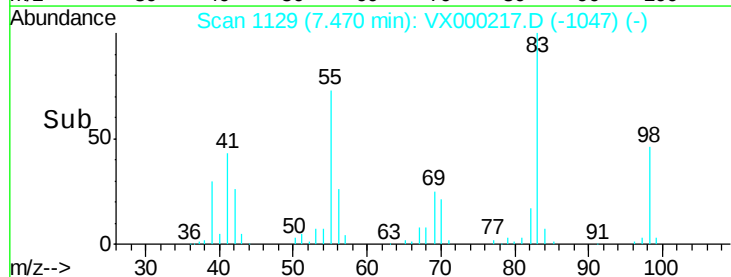
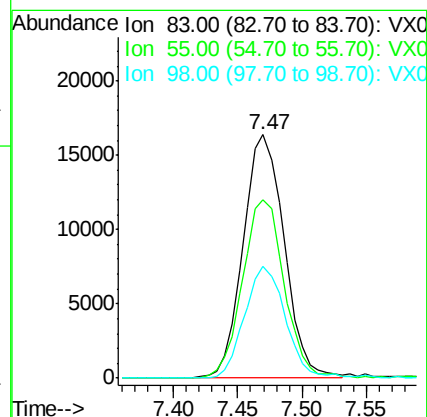
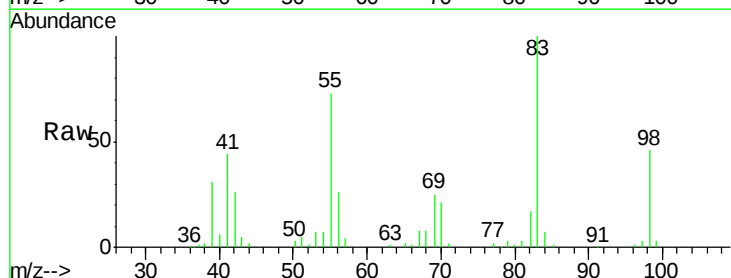
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

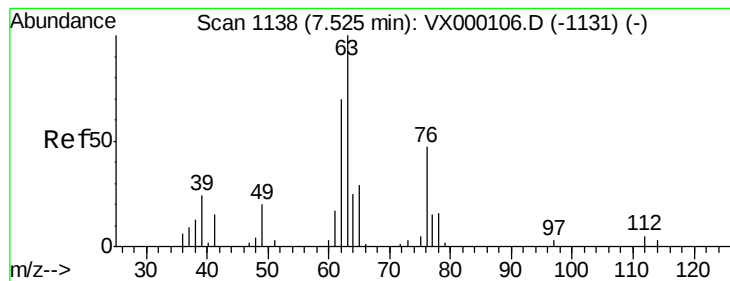
Tot Ion:130 Resp: 31450
 Ion Ratio Lower Upper
 130 100
 95 104.9 74.6 112.0



#38
 Methylcyclohexane
 Concen: 14.791 ug/l
 RT: 7.47 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

Tgt Ion: 83 Resp: 36189
 Ion Ratio Lower Upper
 83 100
 55 73.7 35.9 107.7
 98 44.9 24.6 74.0





#39

1,2-Dichloropropane

Concen: 20.951 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

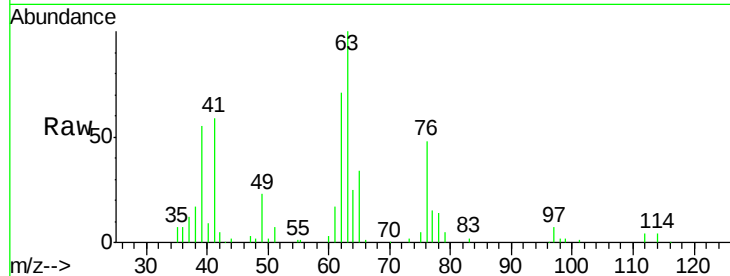
VX0308WBSD01

Tot Ion: 63 Resp: 30719

Ion Ratio Lower Upper

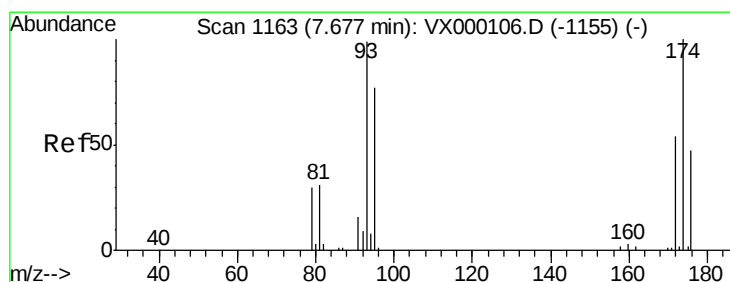
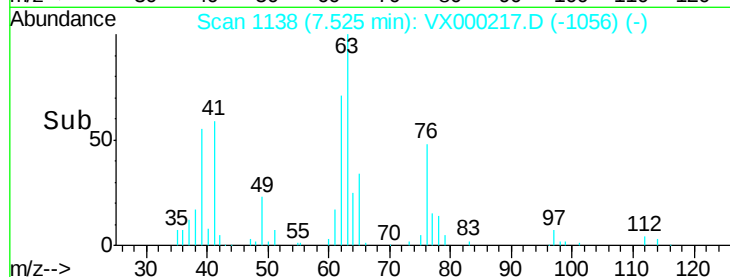
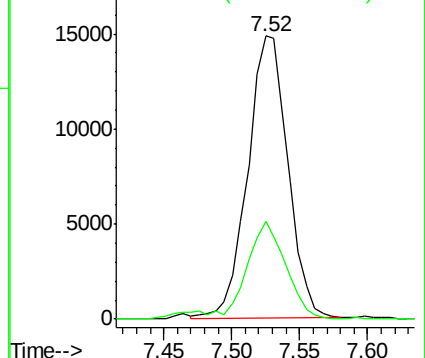
63 100

65 34.7 25.0 37.6



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 21.314 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.01 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

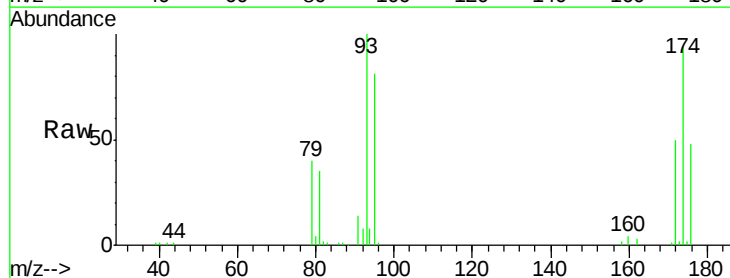
Tgt Ion: 93 Resp: 24078

Ion Ratio Lower Upper

93 100

95 83.7 0.0 170.6

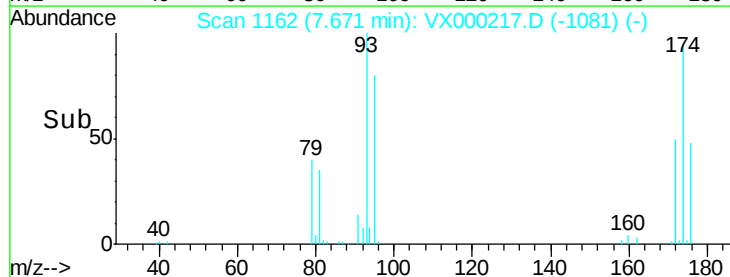
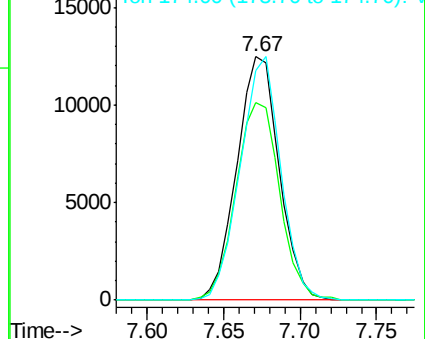
174 95.5 0.0 210.4

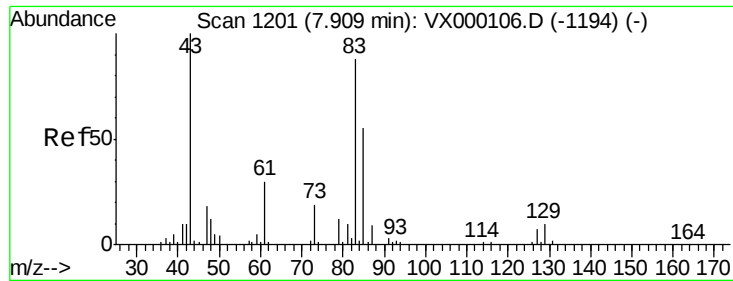


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 21.151 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

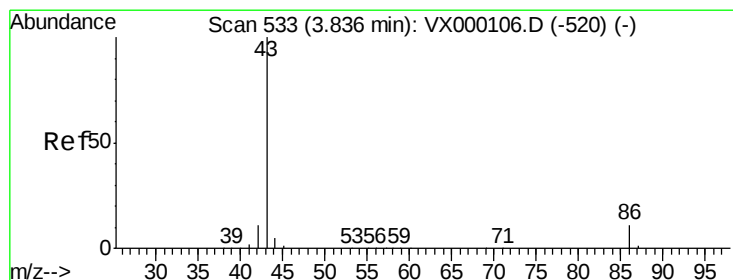
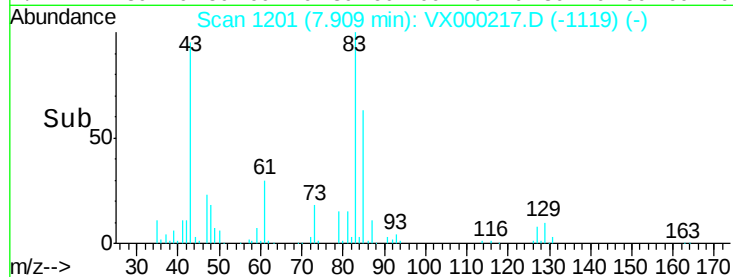
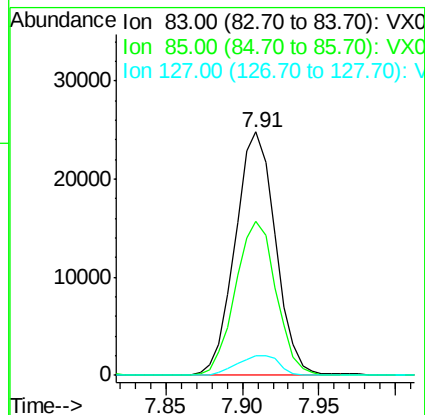
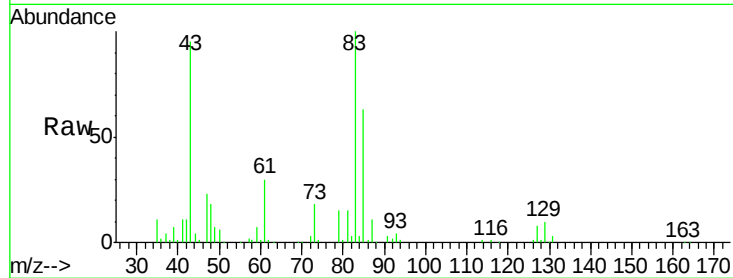
Tot Ion: 83 Resp: 45417

Ion Ratio Lower Upper

83 100

85 63.1 50.0 75.0

127 7.9 6.6 10.0



#42

Vinyl Acetate

Concen: 121.665 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000217.D

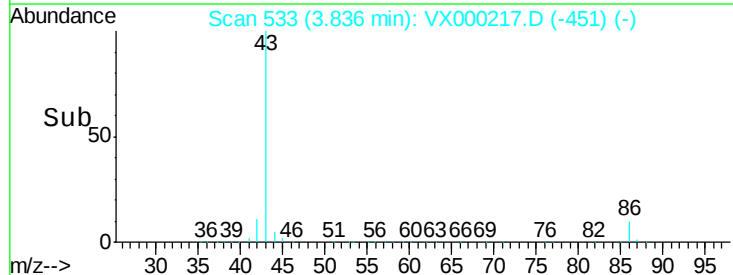
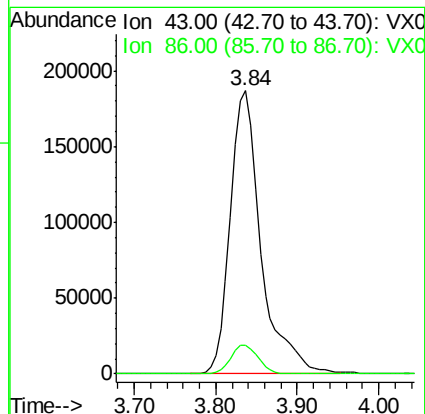
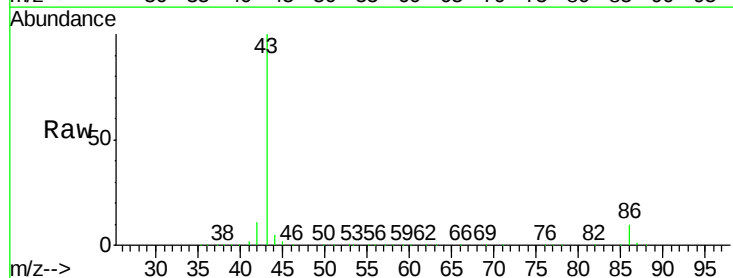
Acq: 08 Mar 2018 11:31

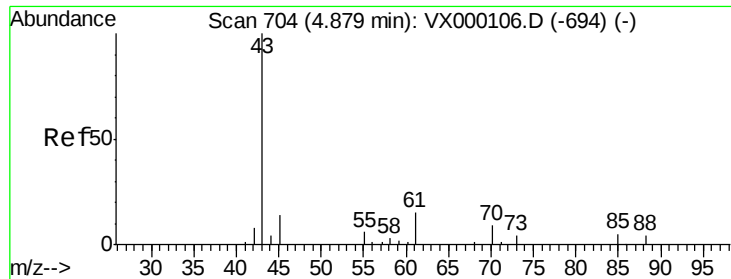
Tgt Ion: 43 Resp: 487184

Ion Ratio Lower Upper

43 100

86 9.1 7.8 11.6

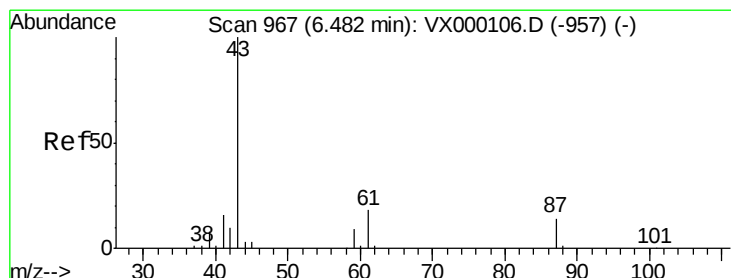
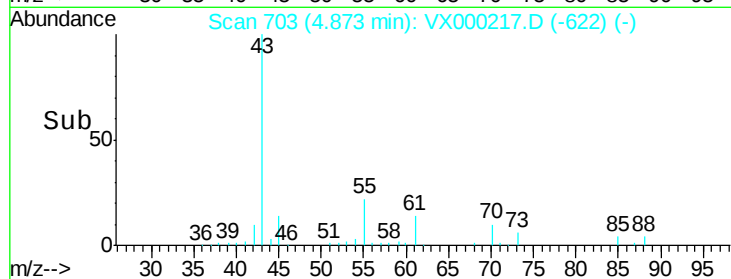
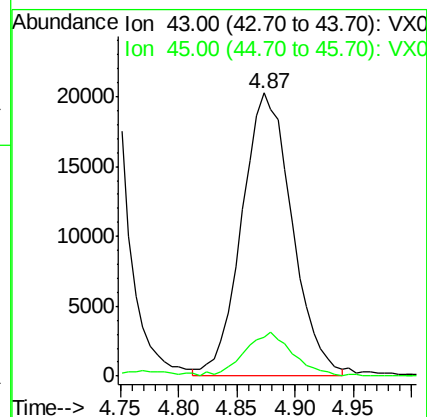
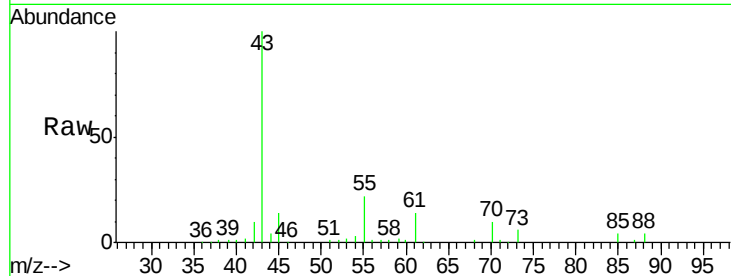




#43
Ethyl Acetate
Concen: 22.057 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

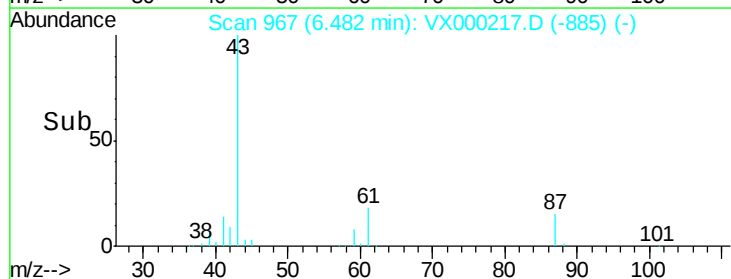
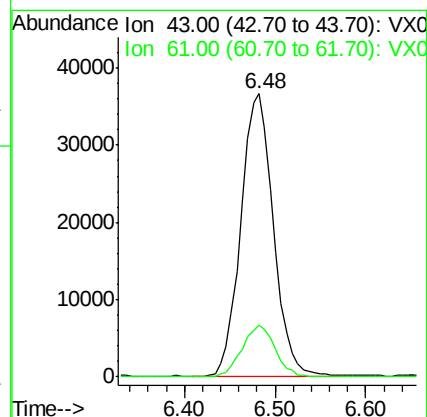
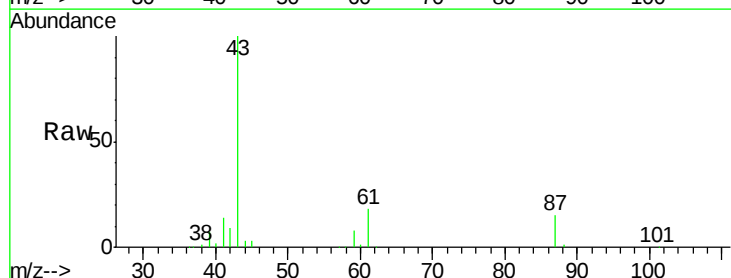
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

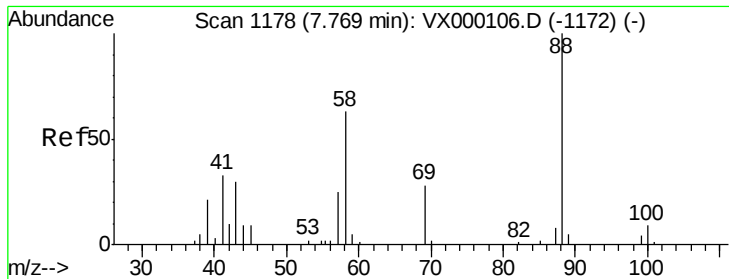
Tot Ion: 43 Resp: 60866
Ion Ratio Lower Upper
43 100
45 14.7 11.4 17.0



#44
Isopropyl Acetate
Concen: 22.629 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion: 43 Resp: 91621
Ion Ratio Lower Upper
43 100
61 18.5 15.7 23.5

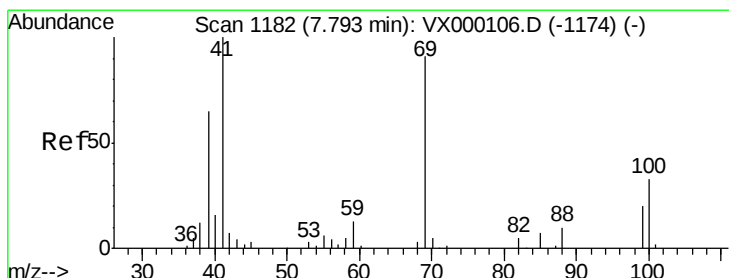
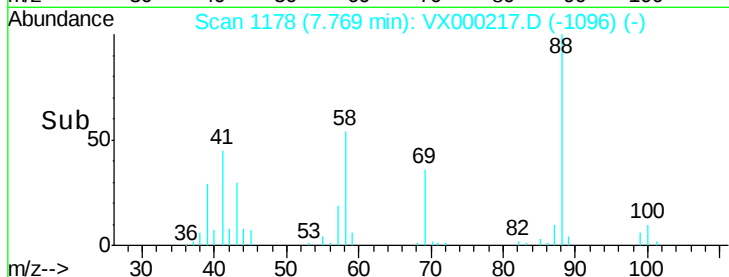
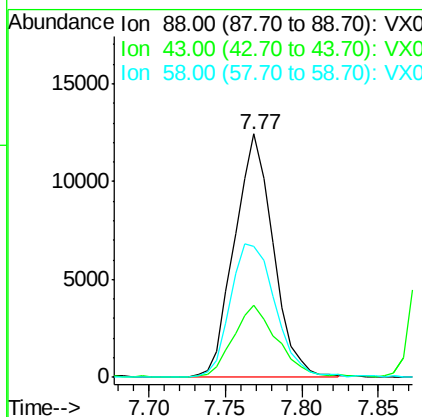
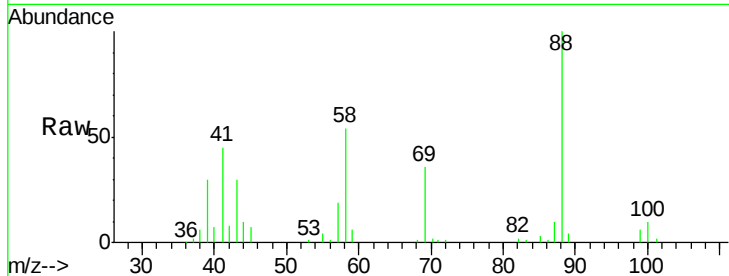




#45
 1,4-Dioxane
 Concen: 430.138 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

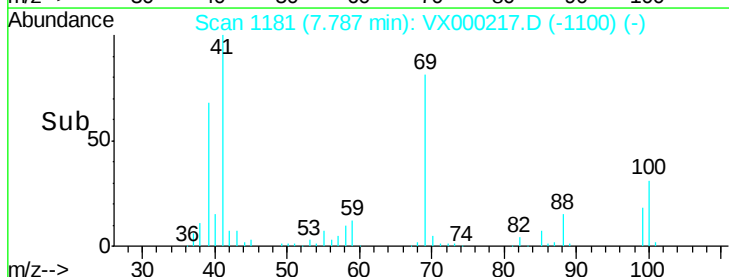
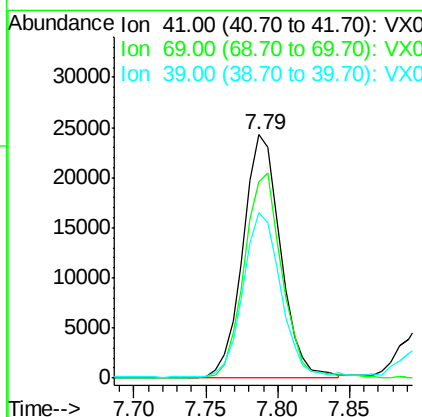
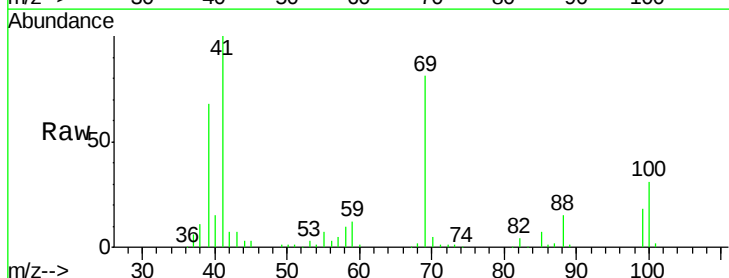
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

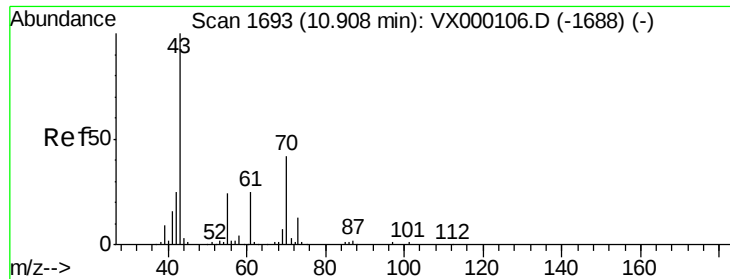
Tot Ion: 88 Resp: 21903
 Ion Ratio Lower Upper
 88 100
 43 33.4 26.8 40.2
 58 63.4 52.1 78.1



#46
 Methyl methacrylate
 Concen: 22.401 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

Tgt Ion: 41 Resp: 44113
 Ion Ratio Lower Upper
 41 100
 69 80.7 45.5 136.5
 39 67.5 32.5 97.5





#47

n-amvl Acetate

Concen: 23.237 ug/l

RT: 10.91 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

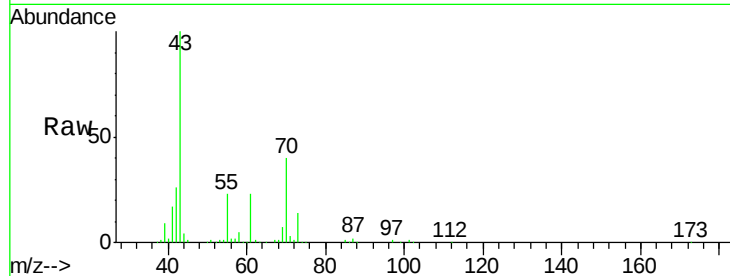
VX0308WBSD01

Tot Ion: 43 Resp: 82139

Ion Ratio Lower Upper

43 100

55 23.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.91

80000

60000

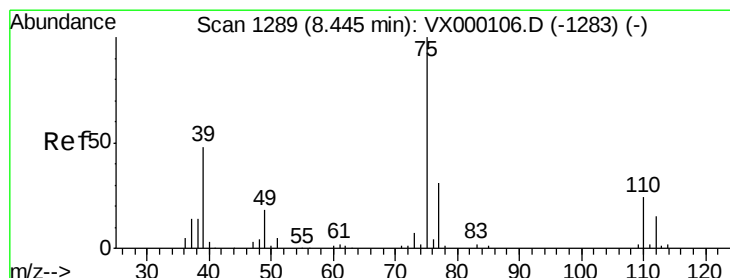
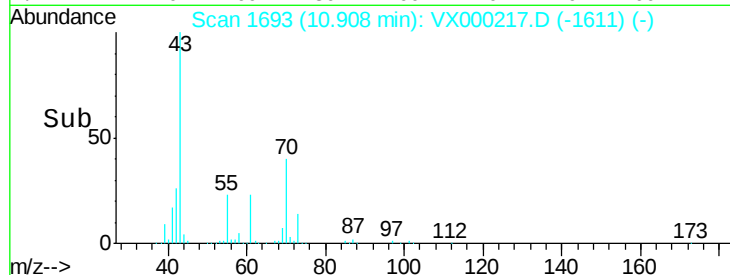
40000

20000

0

Time-->

10.90 11.00



#48

t-1,3-Dichloropropene

Concen: 20.564 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000217.D

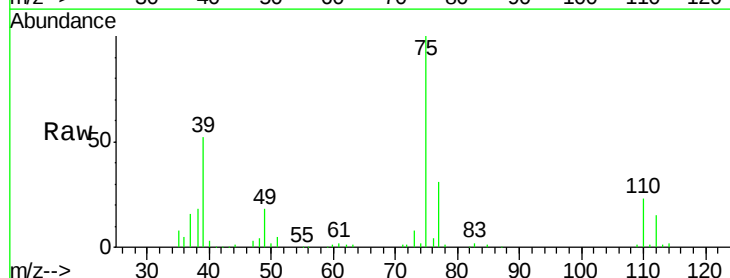
Acq: 08 Mar 2018 11:31

Tgt Ion: 75 Resp: 51403

Ion Ratio Lower Upper

75 100

77 31.5 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

8.45

40000

30000

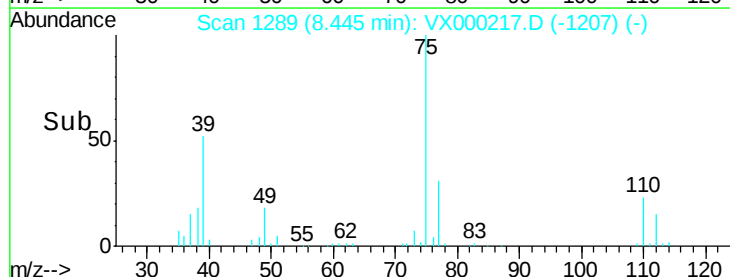
20000

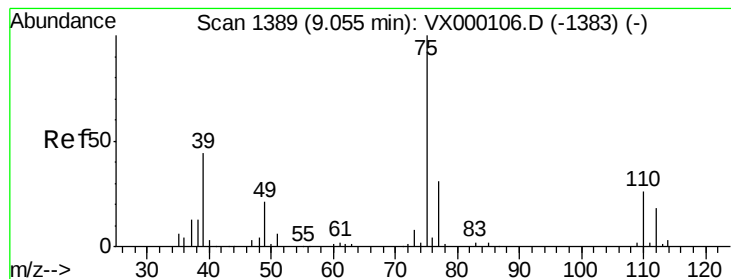
10000

0

Time-->

8.40 8.45 8.50



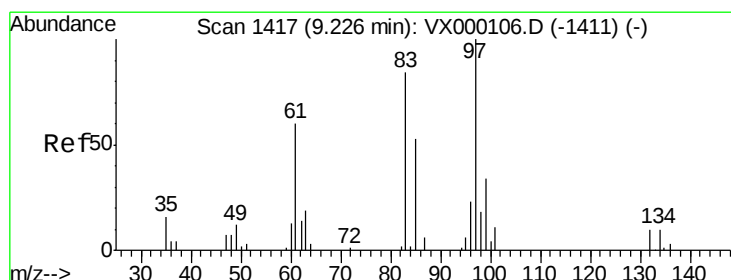
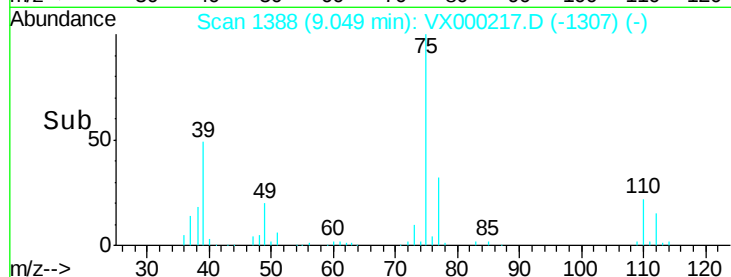
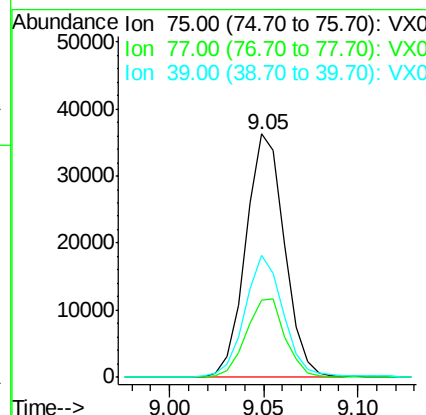
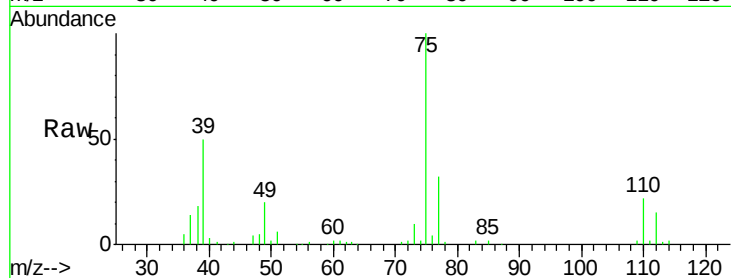


#49

cis-1,3-Dichloropropene
 Concen: 21.200 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

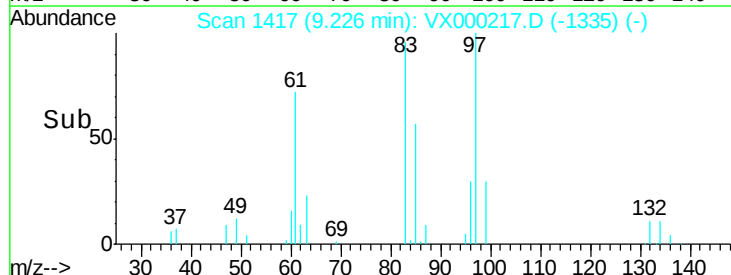
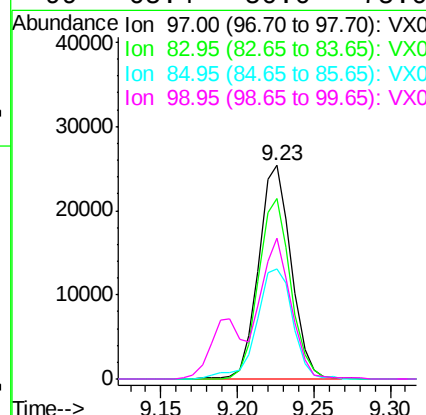
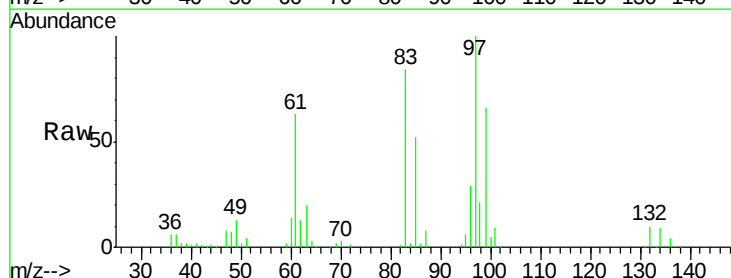
Tot Ion: 75 Resp: 51569
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.5 36.7
 39 49.6 35.6 53.4

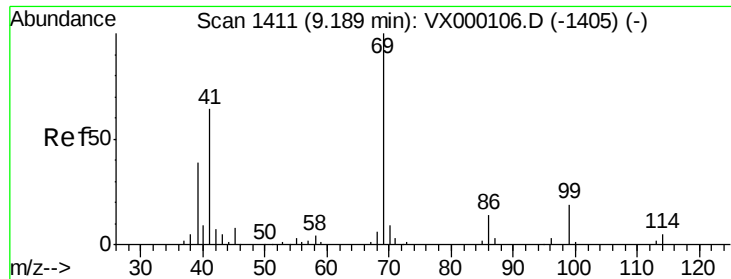


#50

1,1,2-Trichloroethane
 Concen: 22.814 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

Tgt Ion: 97 Resp: 37842
 Ion Ratio Lower Upper
 97 100
 83 84.4 66.9 100.3
 85 51.5 44.4 66.6
 99 65.4 50.0 75.0

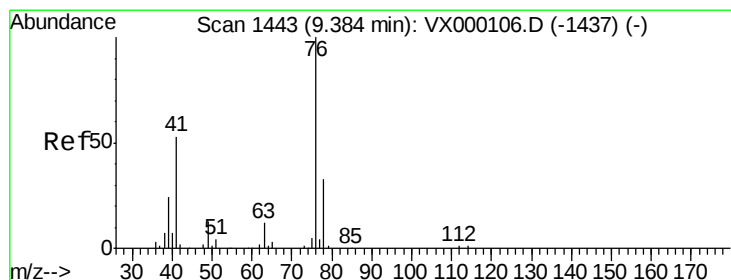
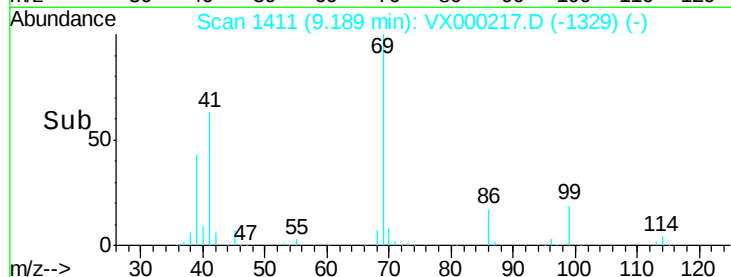
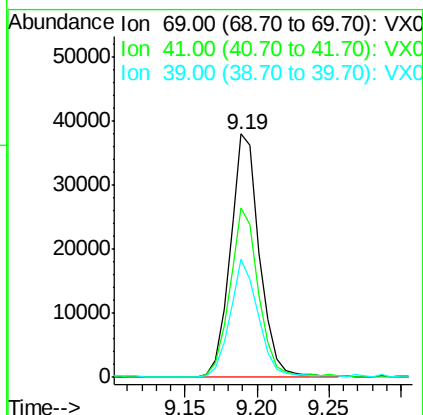
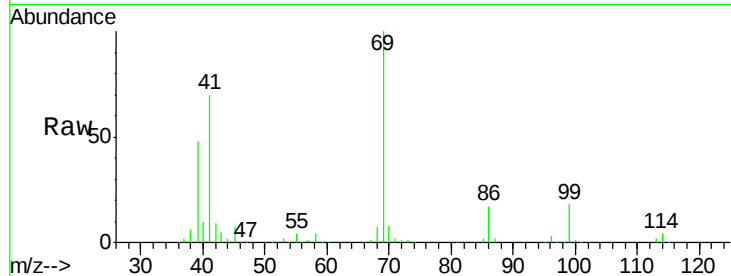




#51
Ethyl methacrylate
Concen: 21.192 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

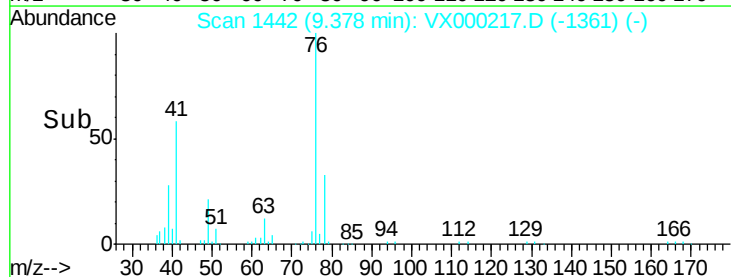
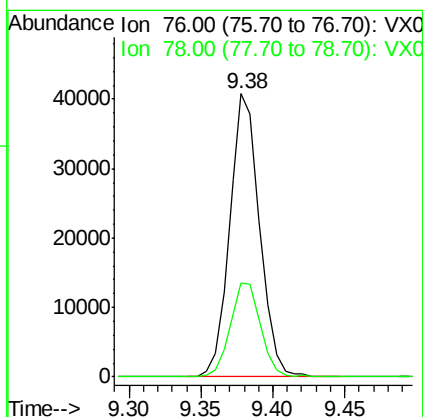
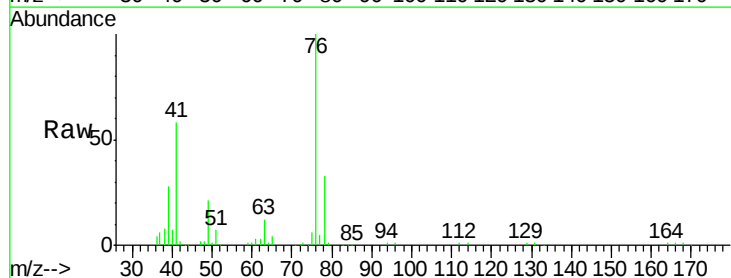
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

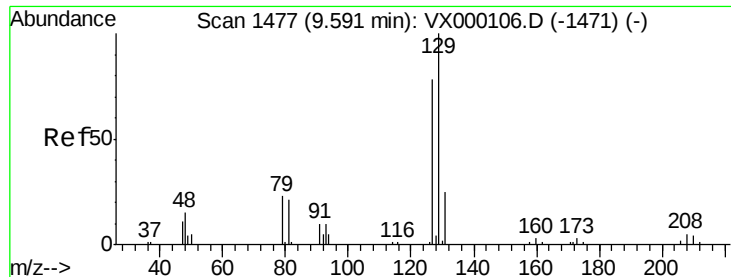
Tot Ion: 69 Resp: 53854
Ion Ratio Lower Upper
69 100
41 69.8 32.1 96.3
39 48.0 19.6 58.7



#52
1,3-Dichloropropane
Concen: 22.247 ug/l
RT: 9.38 min Scan# 1442
Delta R.T. -0.01 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion: 76 Resp: 59187
Ion Ratio Lower Upper
76 100
78 33.4 0.0 65.0





#53

Dibromochloromethane

Concen: 20.972 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

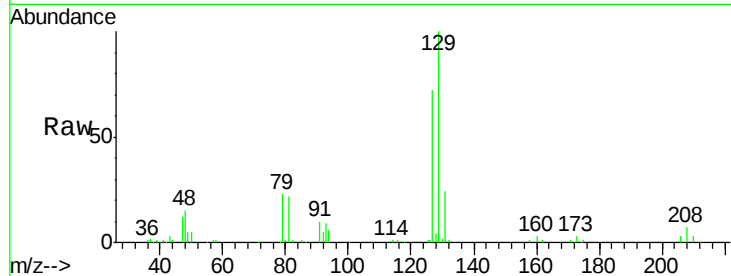
VX0308WBSD01

Tot Ion:129 Resp: 38703

Ion Ratio Lower Upper

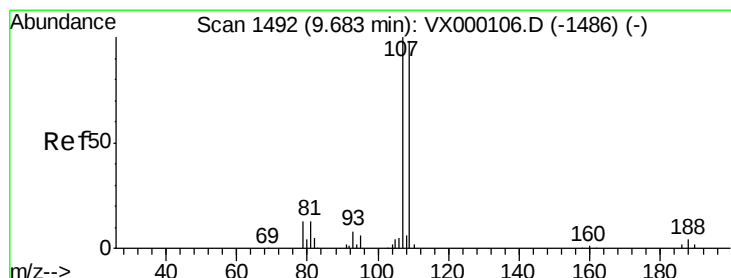
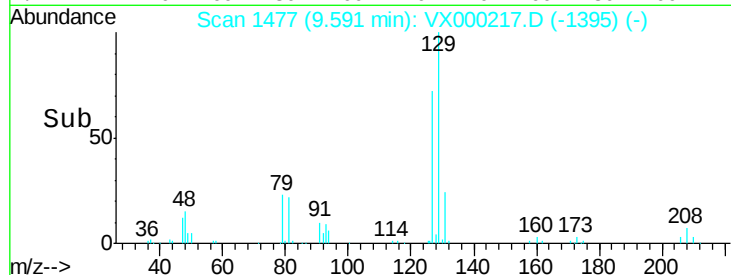
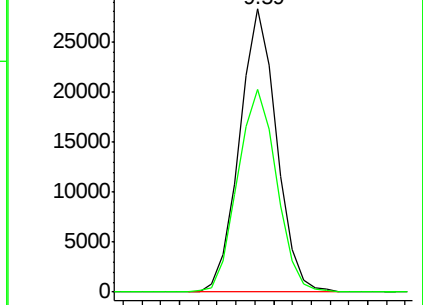
129 100

127 75.3 37.5 112.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.680 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000217.D

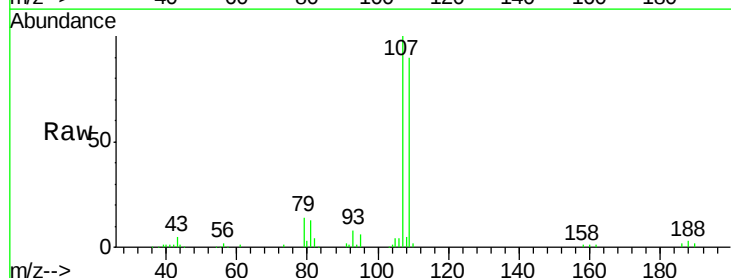
Acq: 08 Mar 2018 11:31

Tgt Ion:107 Resp: 38232

Ion Ratio Lower Upper

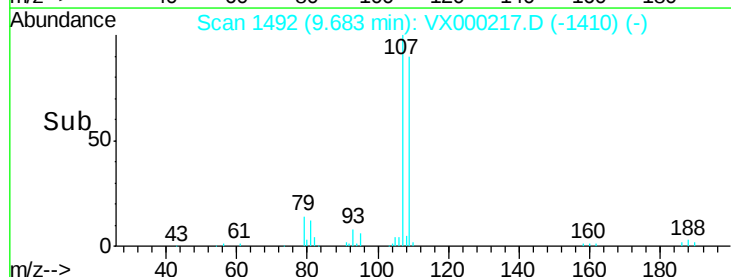
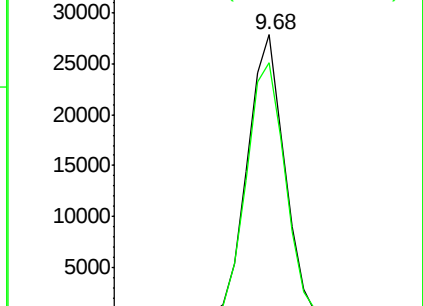
107 100

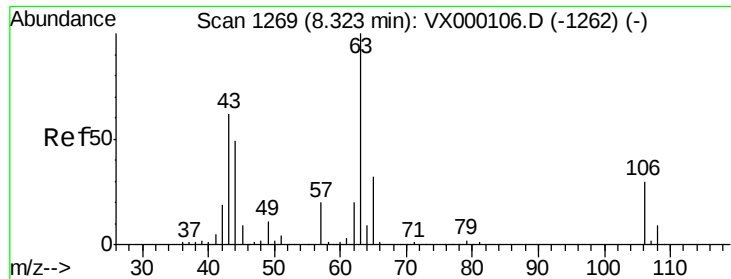
109 94.6 74.5 111.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

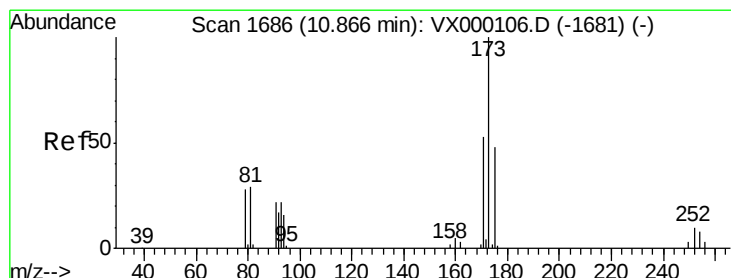
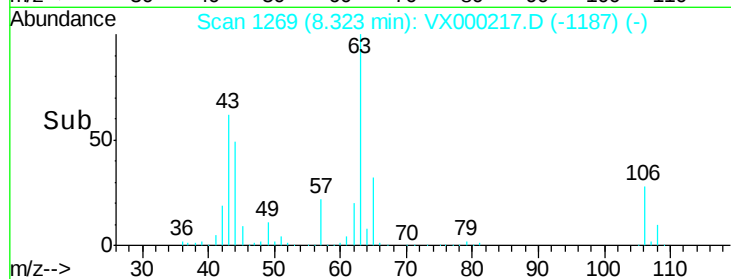
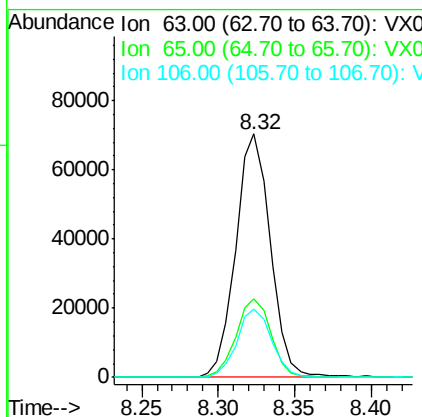
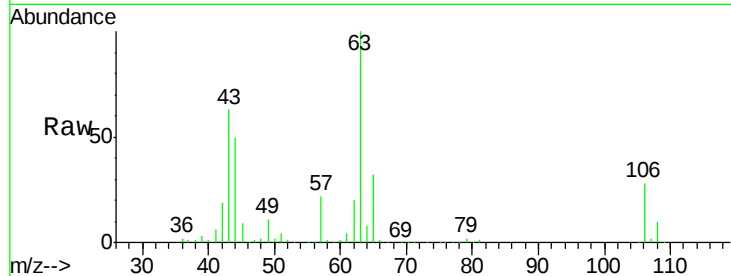




#55
2-Chloroethyl vinyl ether
Concen: 98.495 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

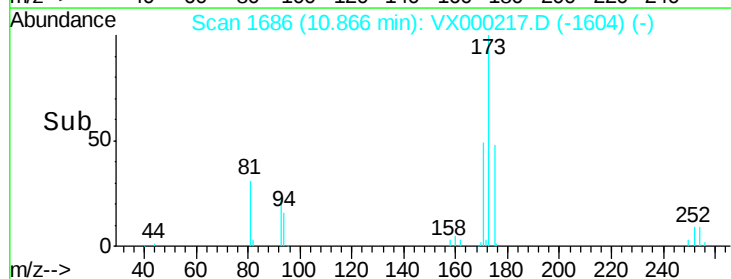
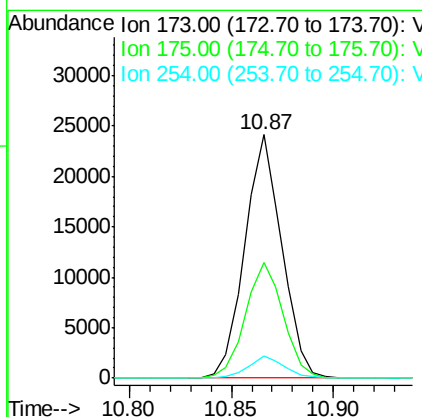
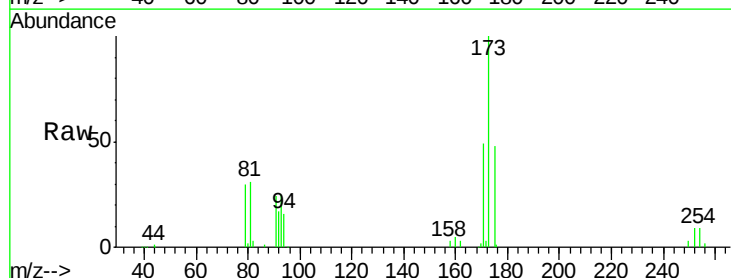
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

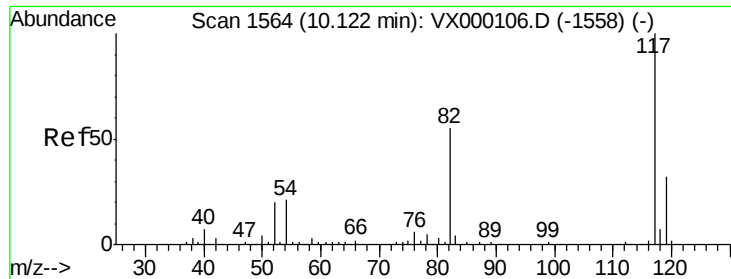
Tot Ion: 63 Resp: 109295
Ion Ratio Lower Upper
63 100
65 32.9 25.8 38.8
106 28.3 23.8 35.6



#56
Bromoform
Concen: 20.354 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion: 173 Resp: 30421
Ion Ratio Lower Upper
173 100
175 48.6 39.0 58.4
254 8.9 7.0 10.4

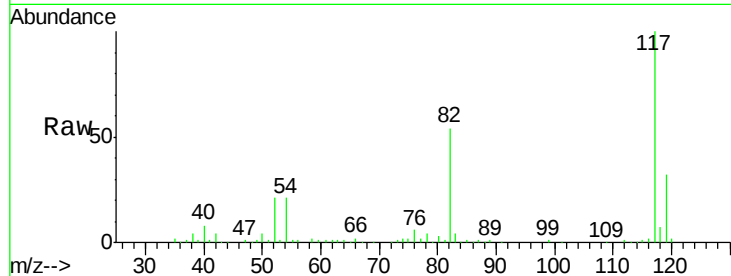




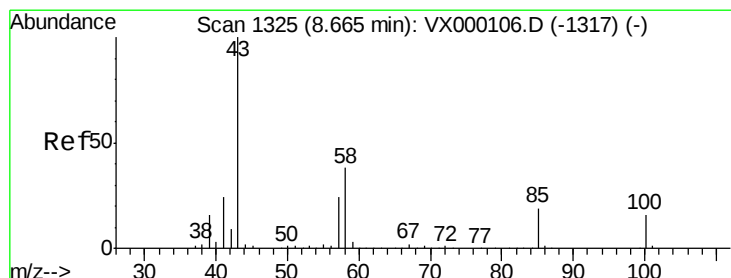
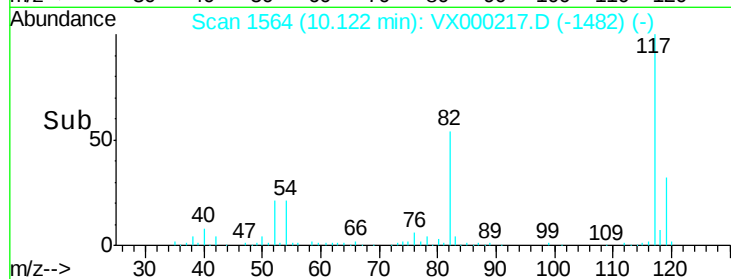
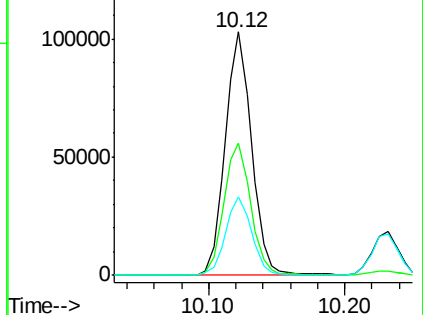
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Instrument :
MSVOA_X
ClientSampled :
VX0308WBSD01

Tot Ion:117 Resp: 138684
Ion Ratio Lower Upper
117 100
82 55.1 43.0 64.4
119 31.9 25.8 38.8

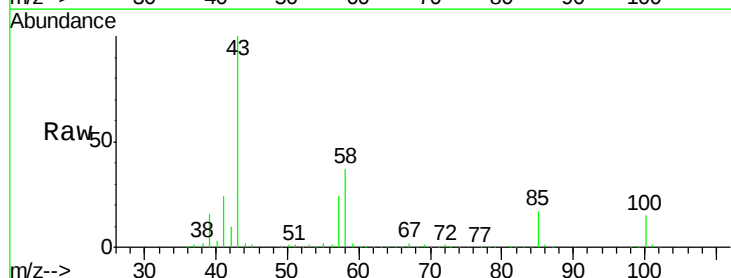


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

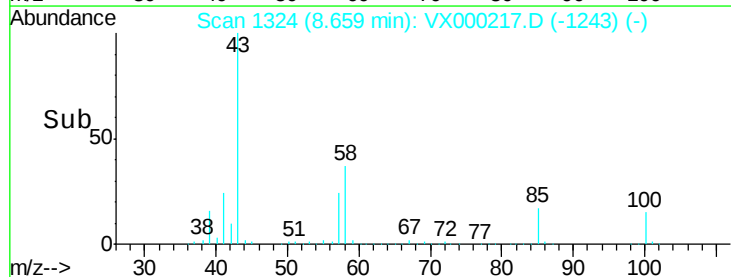
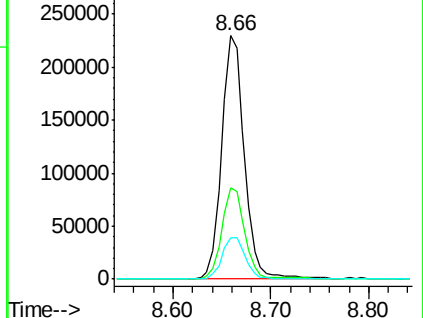


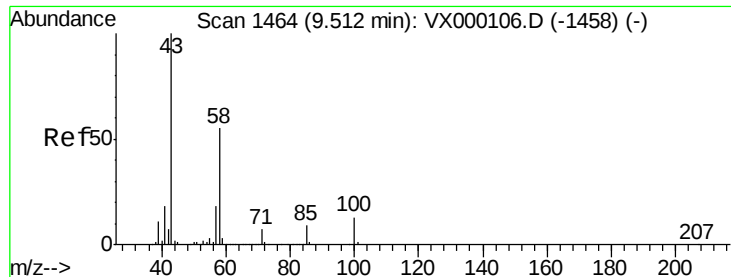
#58
4-Methyl-2-Pentanone
Concen: 121.909 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.01 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion: 43 Resp: 370318
Ion Ratio Lower Upper
43 100
58 37.1 29.8 44.8
85 18.0 14.9 22.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

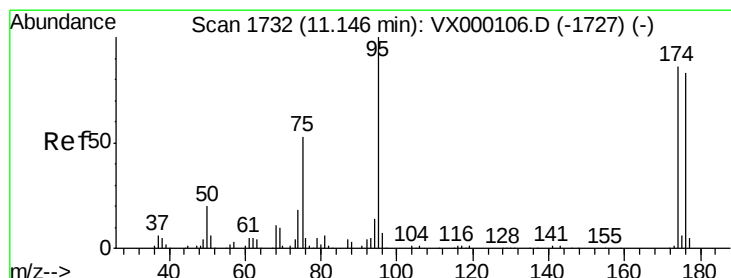
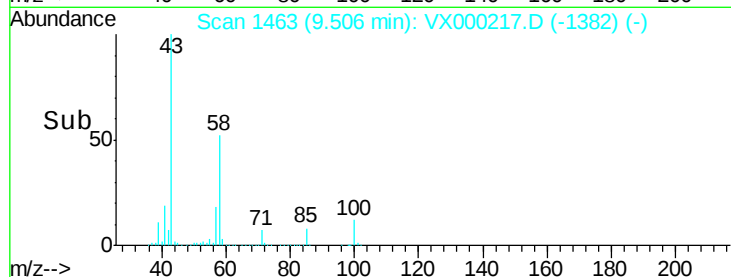
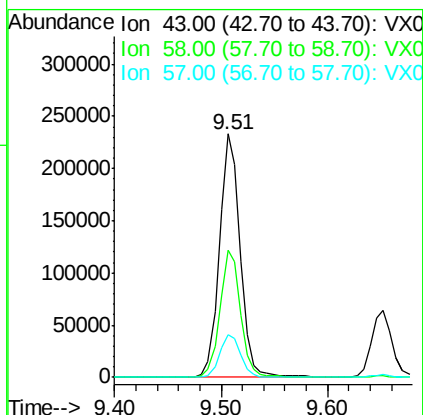
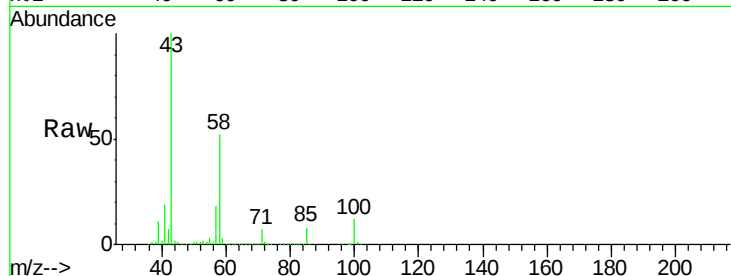




#59
2-Hexanone
Concen: 123.296 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

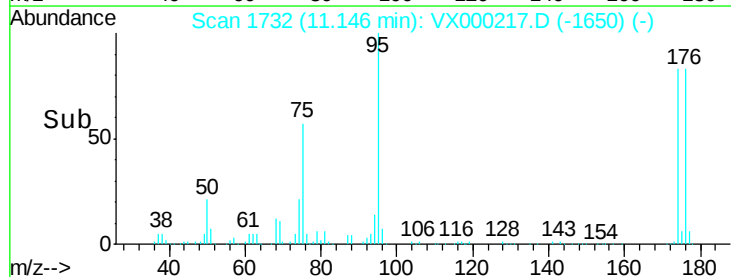
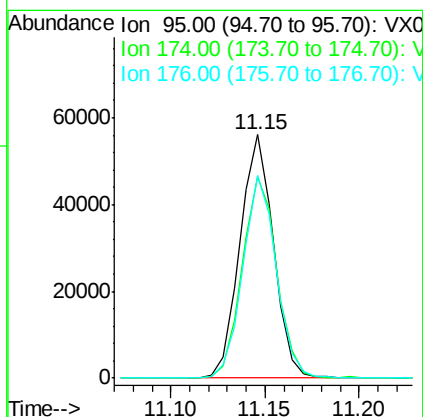
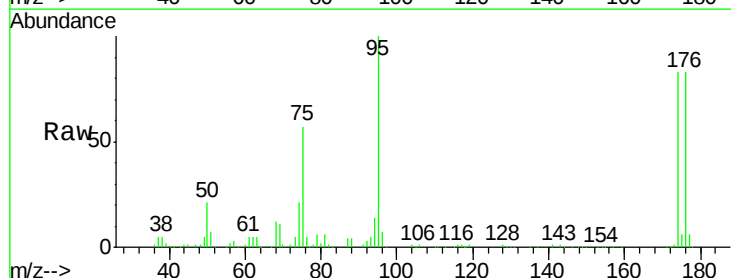
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

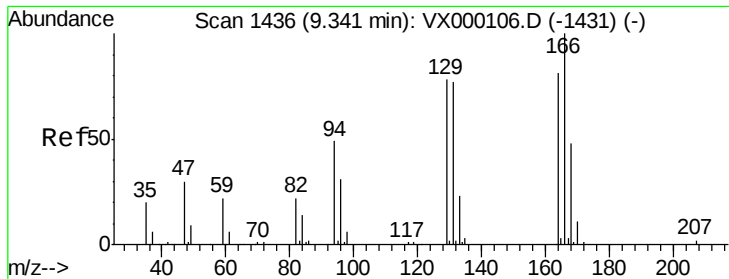
Tot Ion: 43 Resp: 317145
Ion Ratio Lower Upper
43 100
58 51.8 43.0 64.6
57 17.7 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 30.489 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion: 95 Resp: 69175
Ion Ratio Lower Upper
95 100
174 84.7 71.1 106.7
176 82.6 69.3 103.9





#61

Tetrachloroethene

Concen: 17.054 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

Tot Ion:164 Resp: 28718

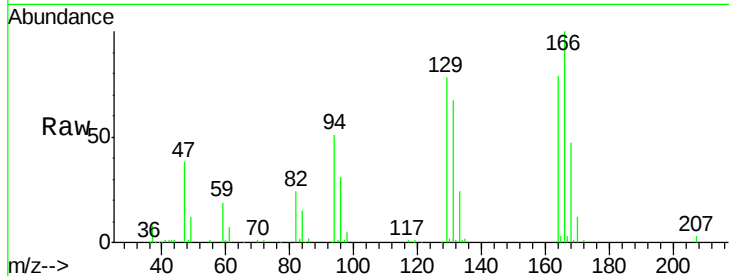
Ion Ratio Lower Upper

164 100

166 125.8 99.0 148.4

129 98.7 77.0 115.6

131 83.9 75.8 113.6

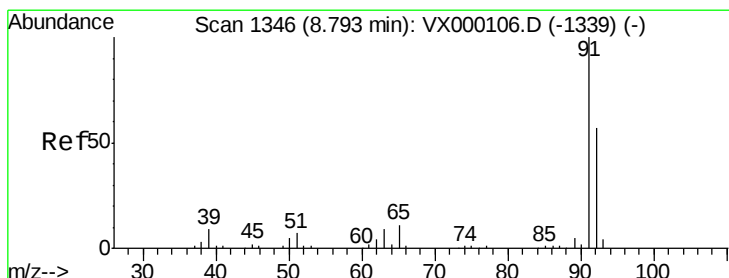
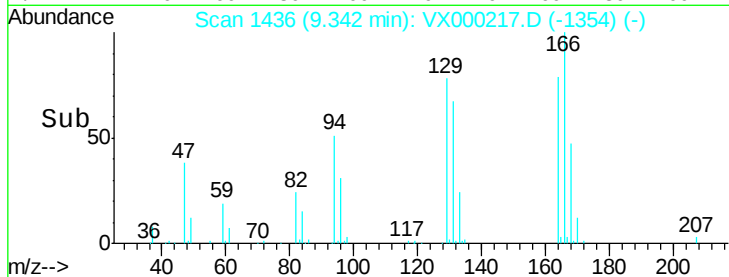
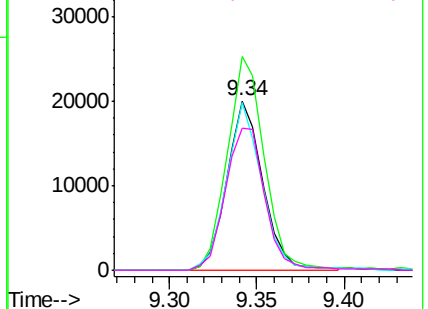


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.406 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000217.D

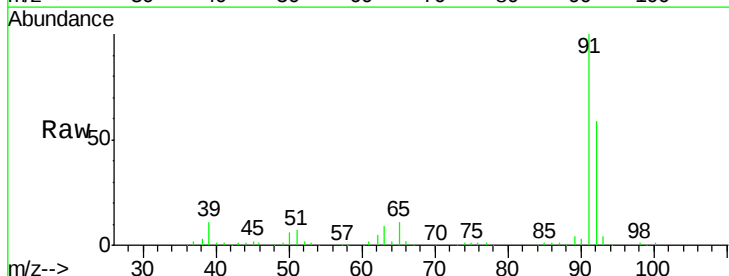
Acq: 08 Mar 2018 11:31

Tgt Ion: 91 Resp: 132811

Ion Ratio Lower Upper

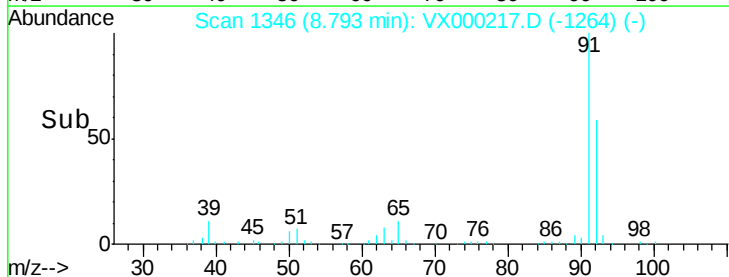
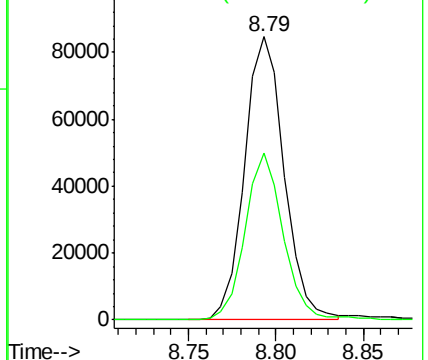
91 100

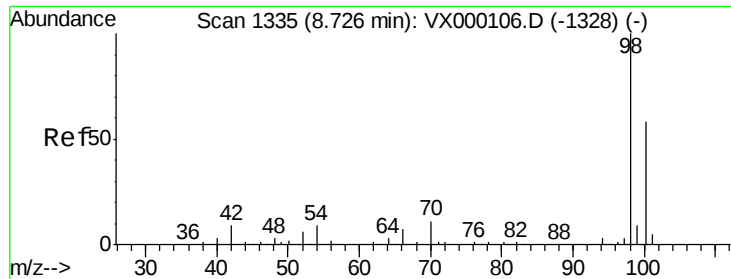
92 57.3 45.4 68.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

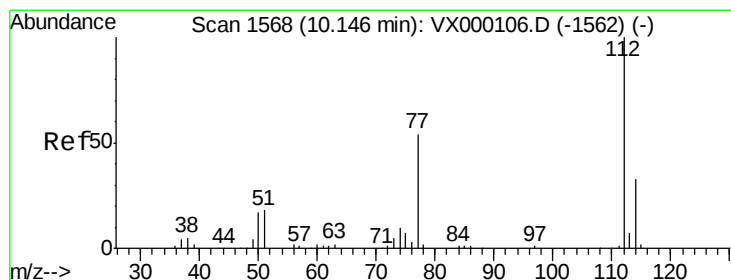
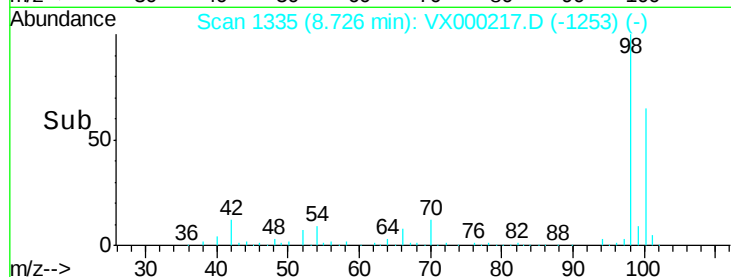
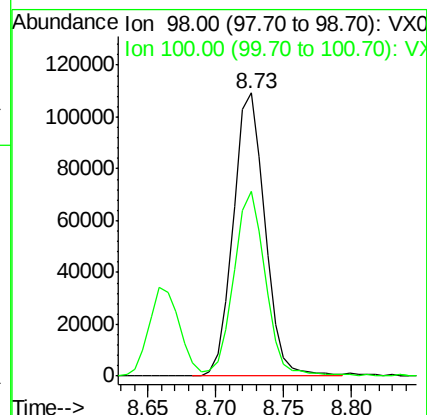
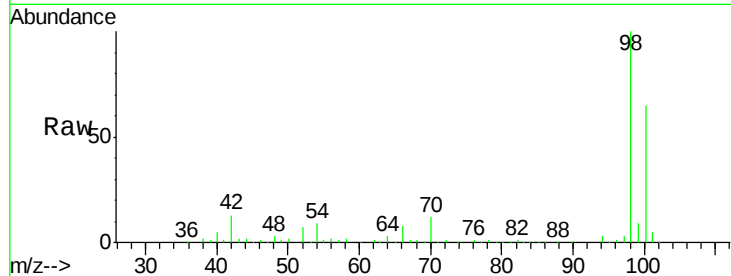




#63
Toluene-d8
Concen: 30.021 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

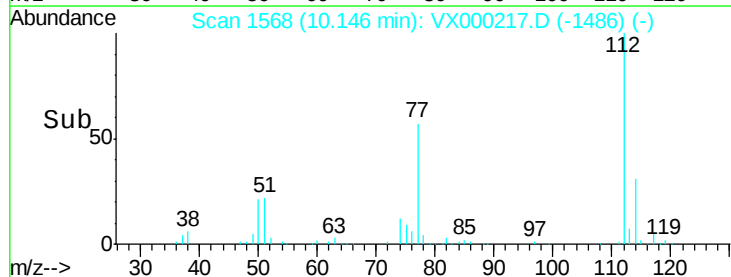
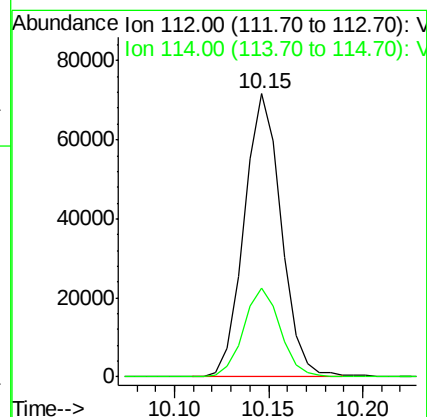
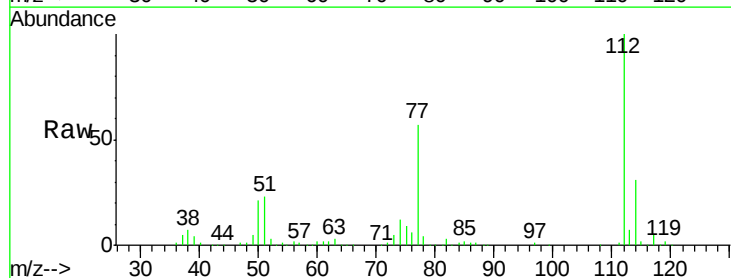
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

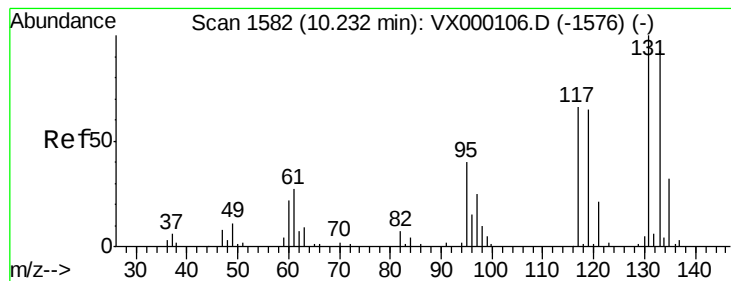
Tot Ion: 98 Resp: 178335
Ion Ratio Lower Upper
98 100
100 64.7 50.0 75.0



#64
Chlorobenzene
Concen: 20.110 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion: 112 Resp: 98058
Ion Ratio Lower Upper
112 100
114 31.4 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 21.209 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

ClientSampled :

VX0308WBSD01

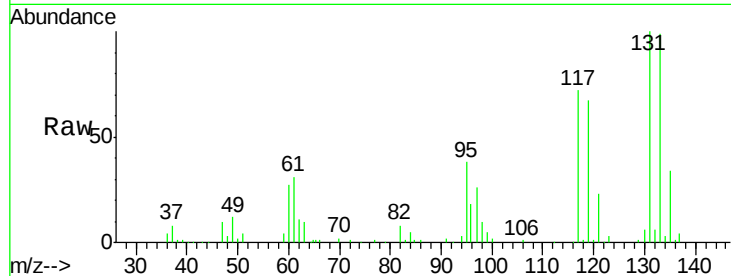
Tot Ion:131 Resp: 36631

Ion Ratio Lower Upper

131 100

133 96.4 0.0 187.6

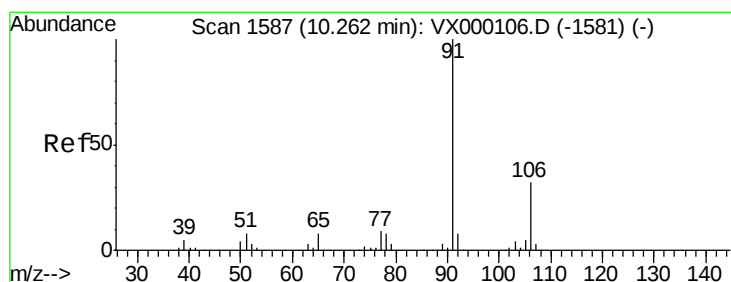
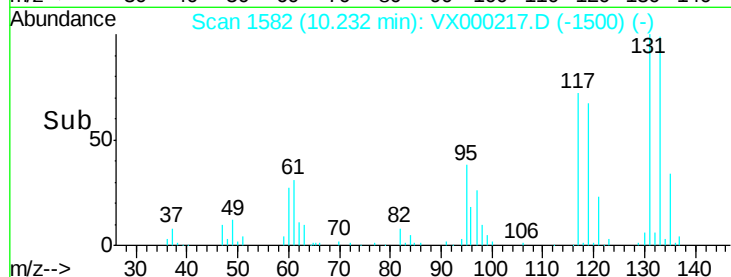
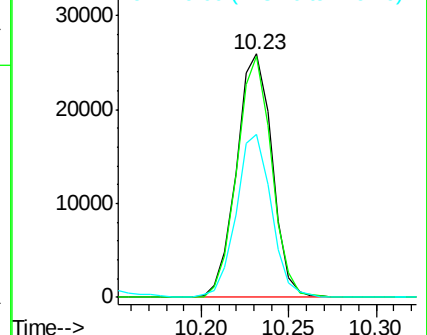
119 66.3 0.0 134.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.861 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VX000217.D

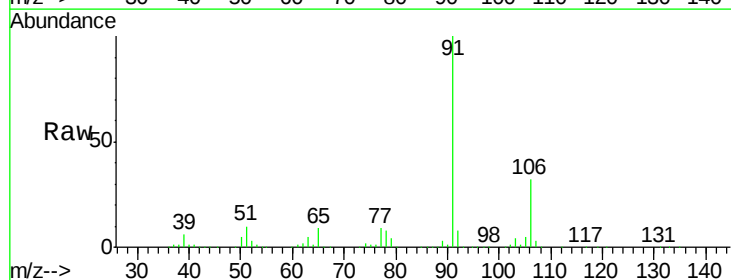
Acq: 08 Mar 2018 11:31

Tgt Ion: 91 Resp: 163575

Ion Ratio Lower Upper

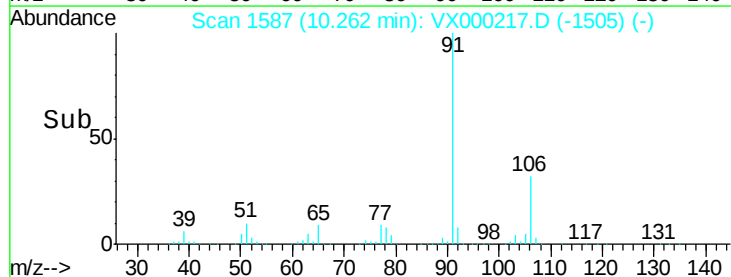
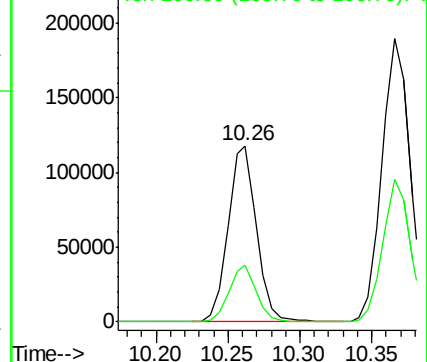
91 100

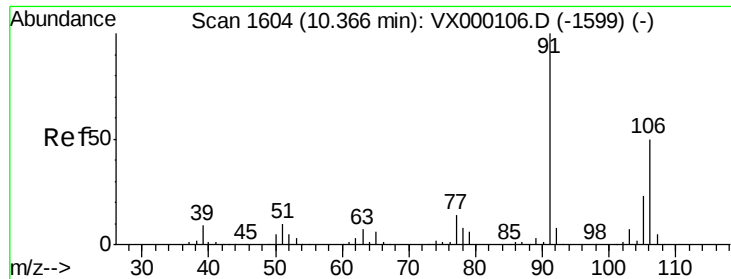
106 32.3 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

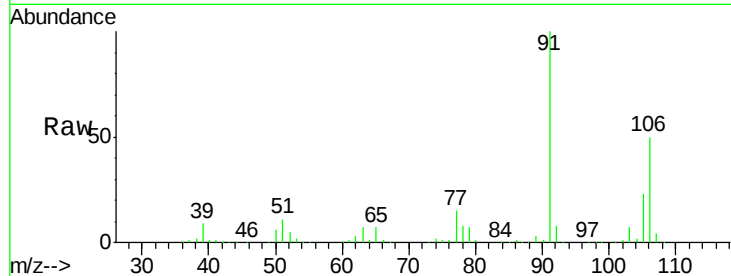




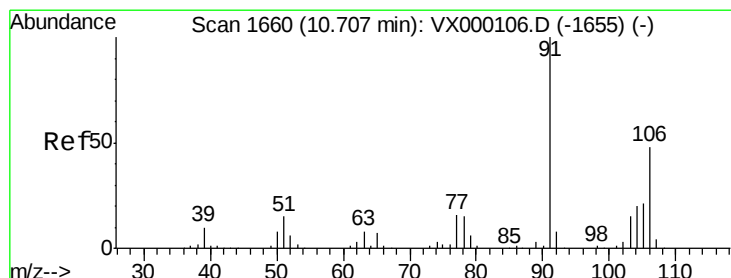
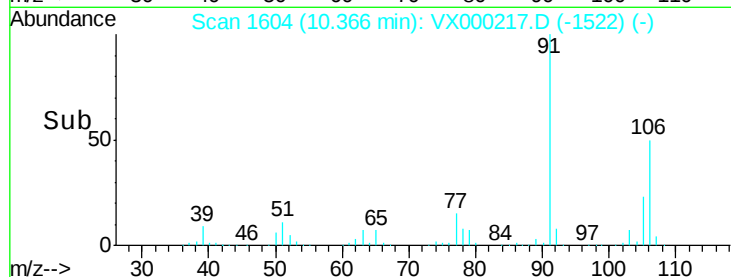
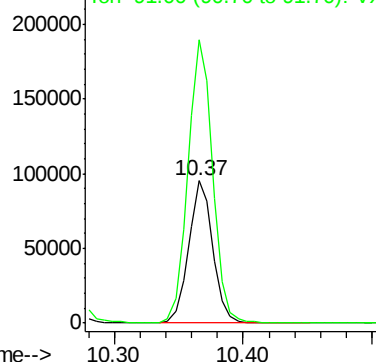
#67
m/p-Xylenes
Concen: 38.940 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Instrument :
MSVOA_X
ClientSampled :
VX0308WBSD01

Tot Ion:106 Resp: 125727
Ion Ratio Lower Upper
106 100
91 203.7 161.6 242.4

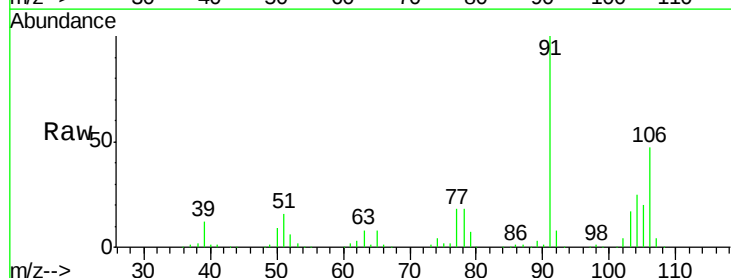


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

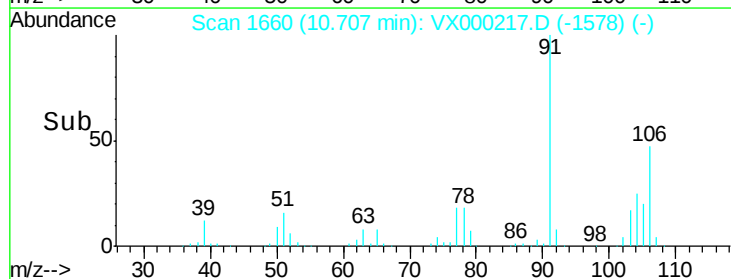
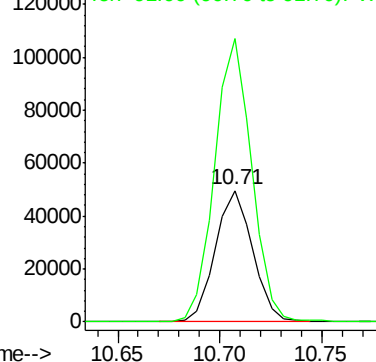


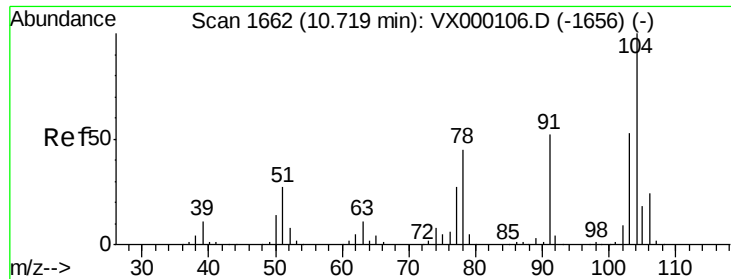
#68
o-Xylene
Concen: 20.202 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion:106 Resp: 63357
Ion Ratio Lower Upper
106 100
91 212.5 105.6 316.8



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

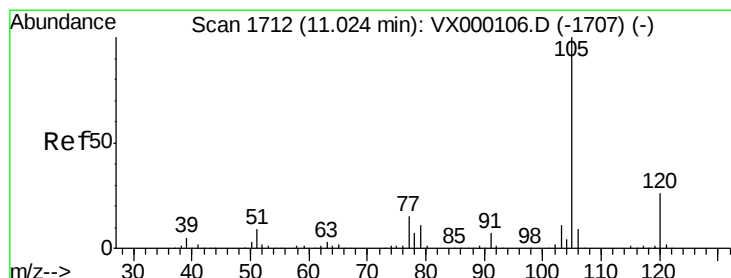
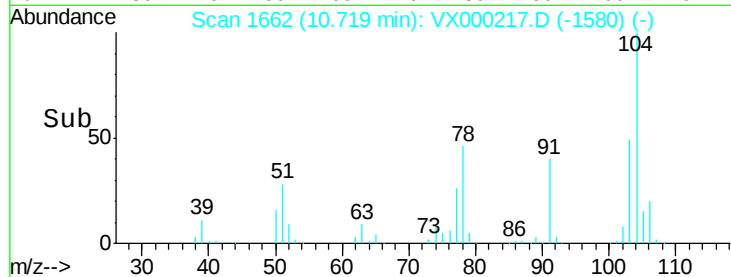
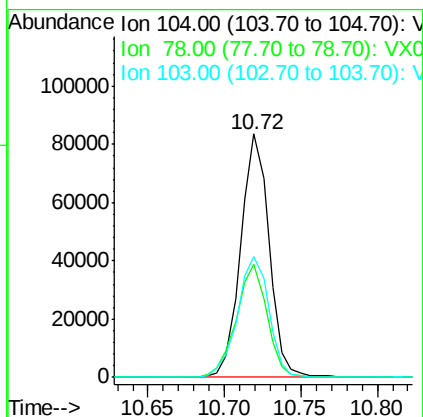
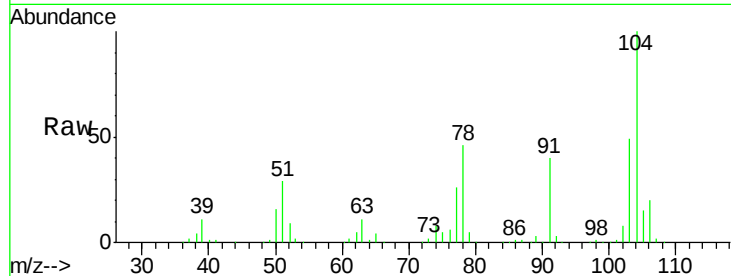




#69
Stvrene
Concen: 20.728 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

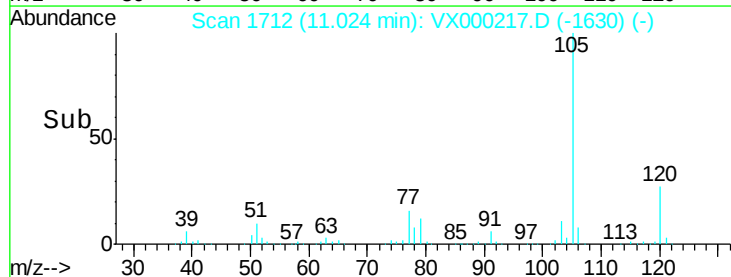
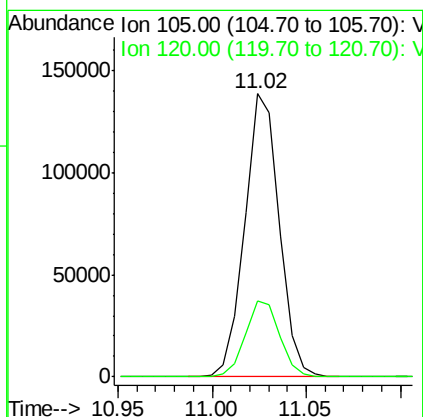
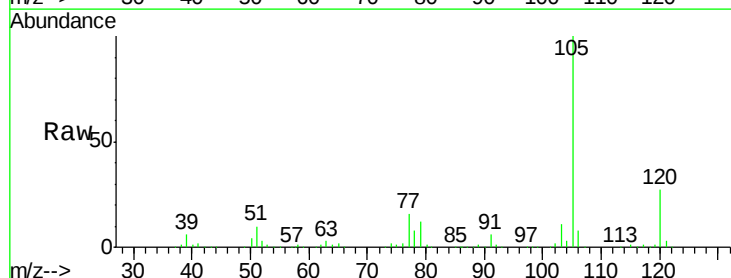
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

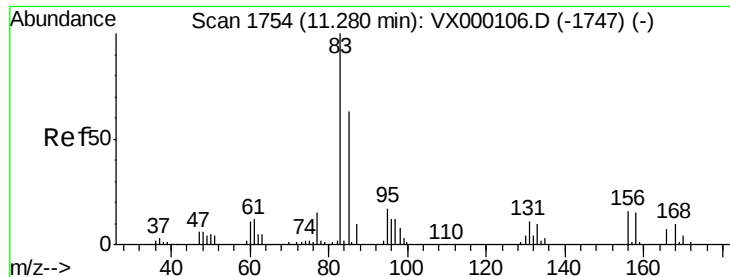
Tot Ion:104 Resp: 107685
Ion Ratio Lower Upper
104 100
78 50.3 39.0 58.4
103 55.1 44.7 67.1



#70
Isopropylbenzene
Concen: 20.748 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion:105 Resp: 175892
Ion Ratio Lower Upper
105 100
120 26.7 18.8 35.0

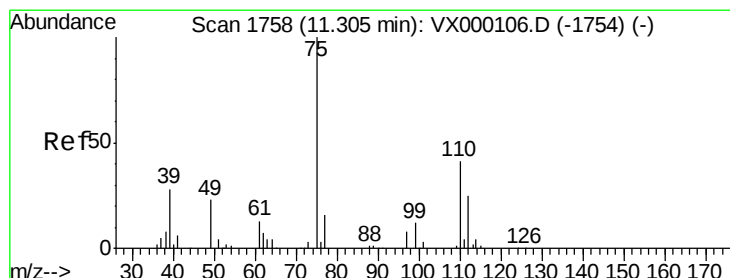
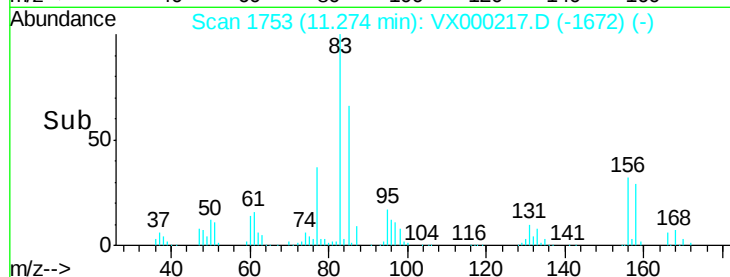
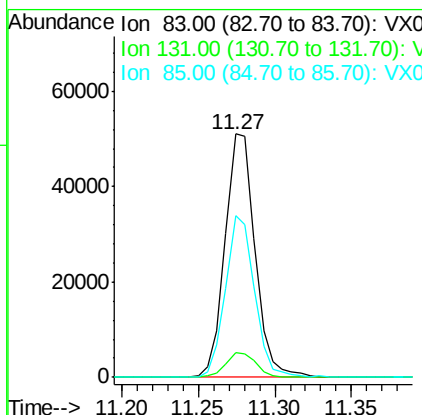
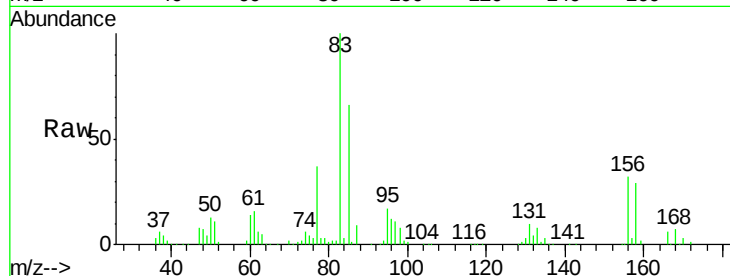




#71
 1,1,2,2-Tetrachloroethane
 Concen: 23.862 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

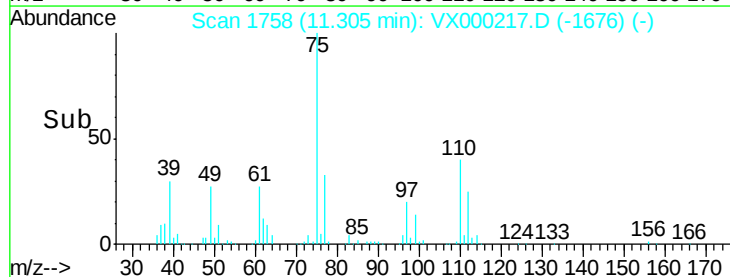
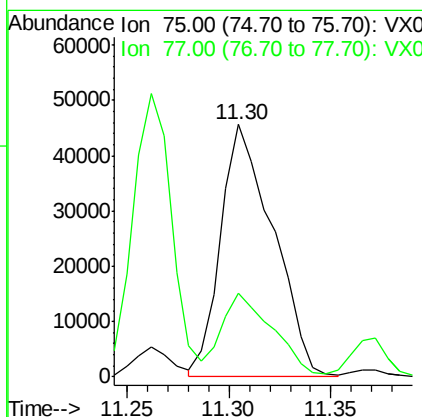
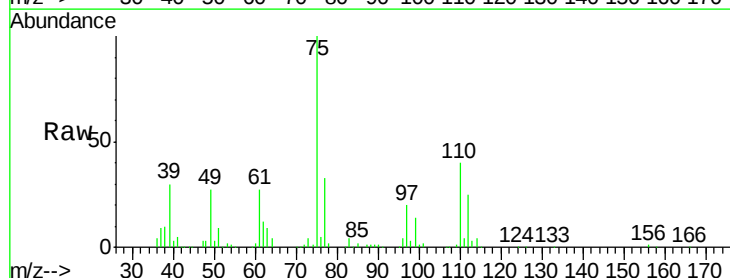
Instrument :
 MSVOA_X
 ClientSampled :
 VX0308WBSD01

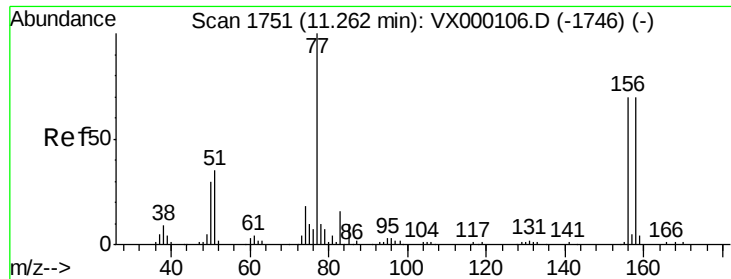
Tot Ion: 83 Resp: 69606
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.3 16.1
 85 64.6 32.5 97.5



#72
 1,2,3-Trichloropropane
 Concen: 31.105 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

Tgt Ion: 75 Resp: 81388
 Ion Ratio Lower Upper
 75 100
 77 32.4 0.0 85.8

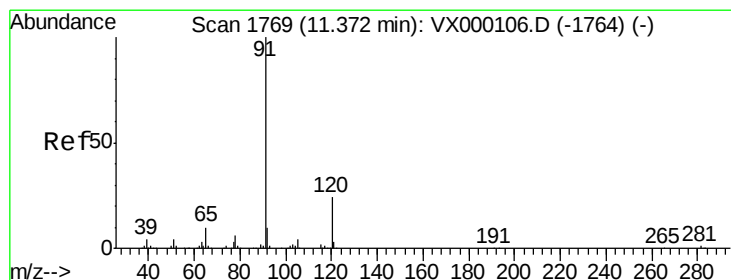
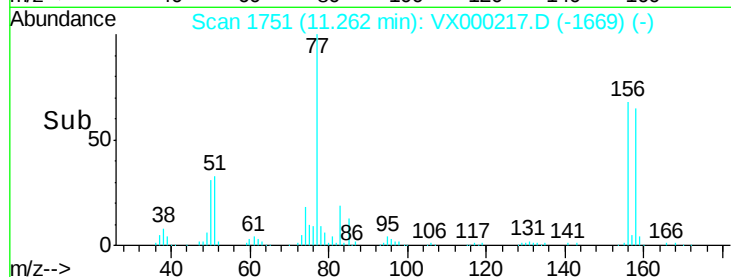
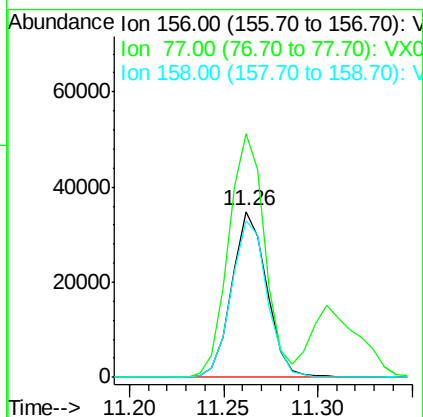
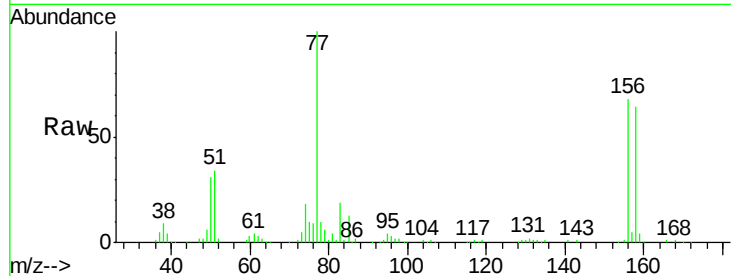




#73
Bromobenzene
Concen: 20.166 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

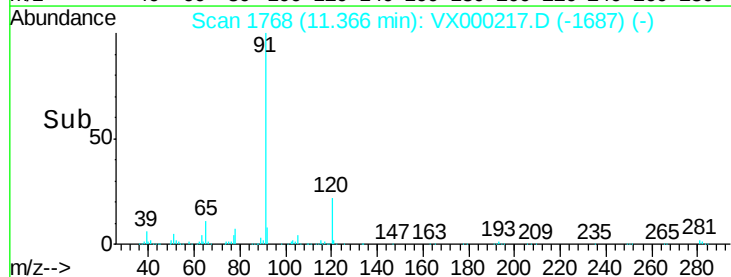
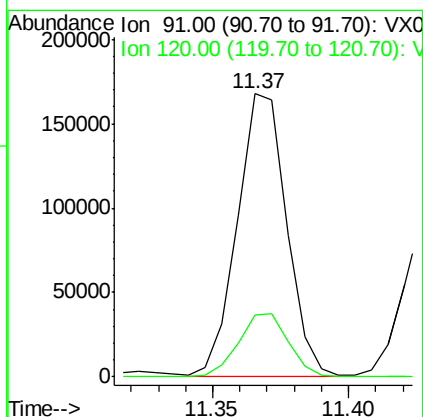
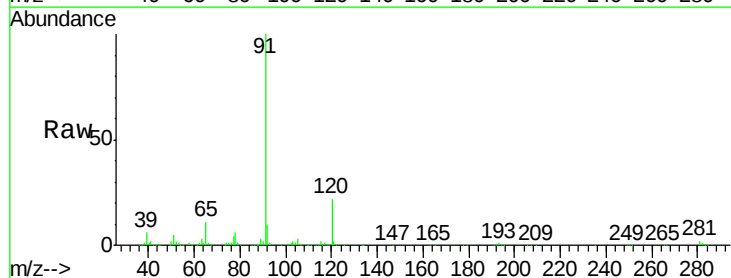
Instrument :
MSVOA_X
ClientSampled :
VX0308WBSD01

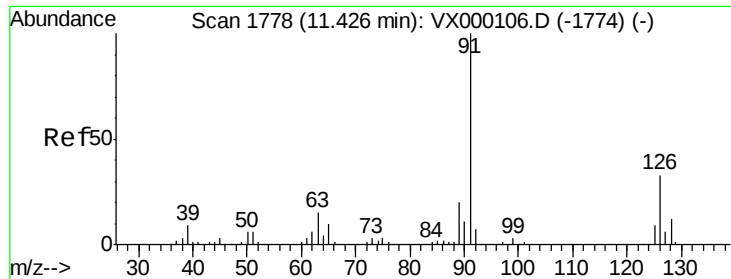
Tot Ion:156 Resp: 44820
Ion Ratio Lower Upper
156 100
77 152.2 0.0 280.2
158 96.6 0.0 197.2



#74
n-propylbenzene
Concen: 21.266 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.01 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion: 91 Resp: 211318
Ion Ratio Lower Upper
91 100
120 22.7 0.0 47.4





#75

2-Chlorotoluene

Concen: 20.952 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

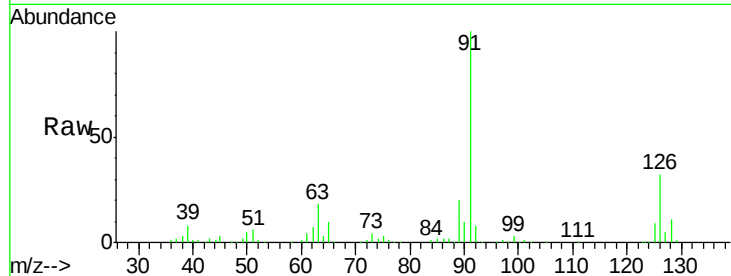
VX0308WBSD01

Tot Ion: 91 Resp: 119699

Ion Ratio Lower Upper

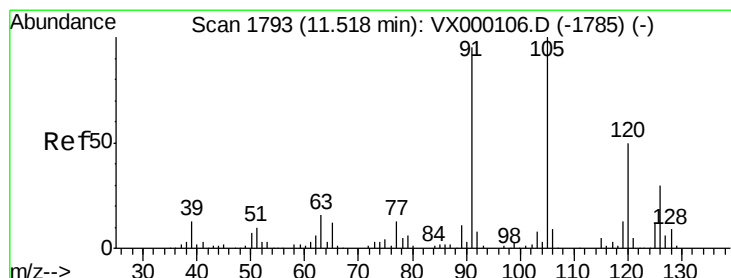
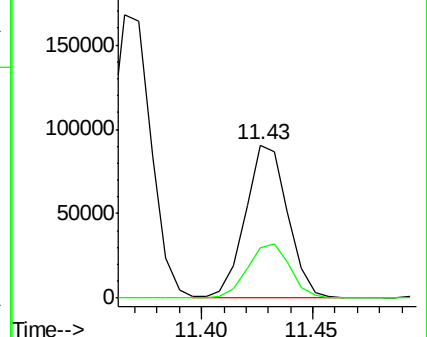
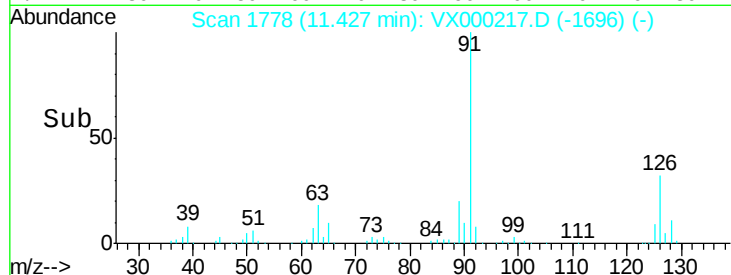
91 100

126 35.9 0.0 71.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 20.980 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000217.D

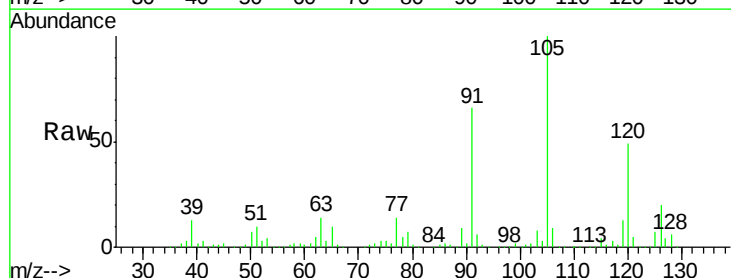
Acq: 08 Mar 2018 11:31

Tgt Ion:105 Resp: 150727

Ion Ratio Lower Upper

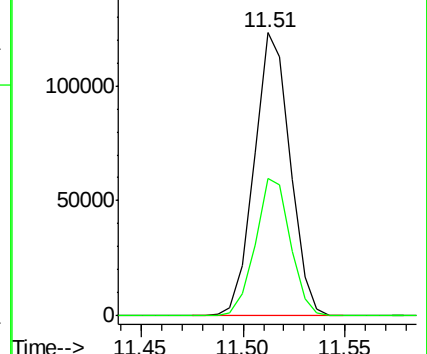
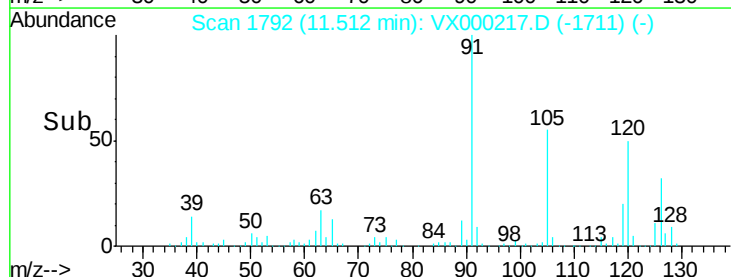
105 100

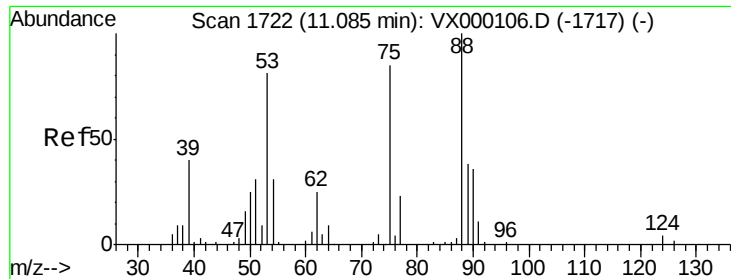
120 47.7 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

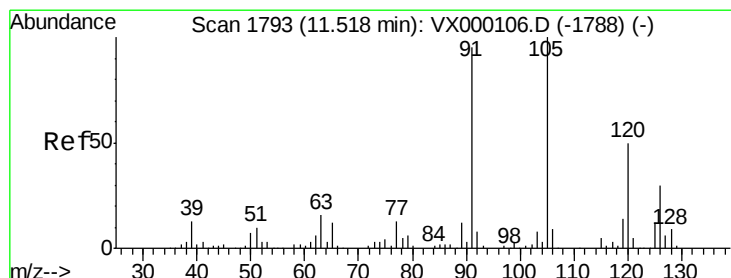
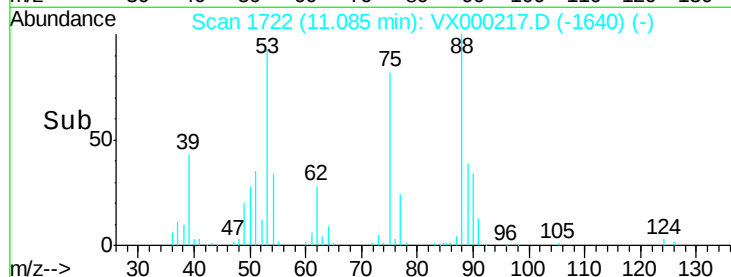
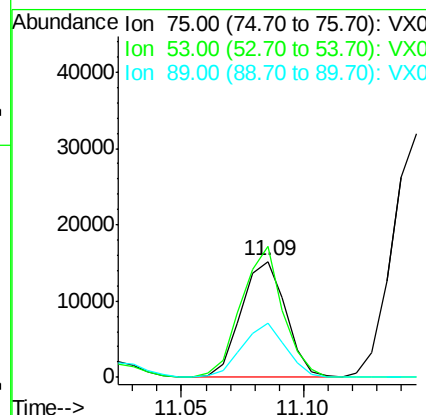
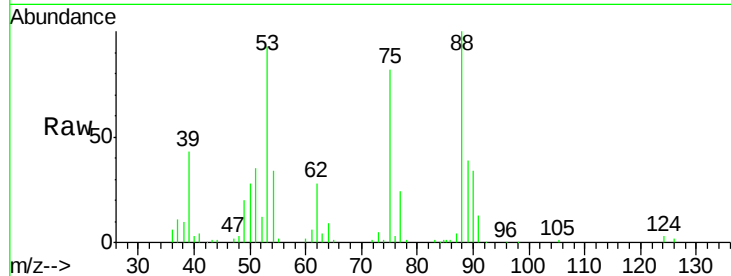




#77
t-1,4-Dichloro-2-butene
Concen: 20.868 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

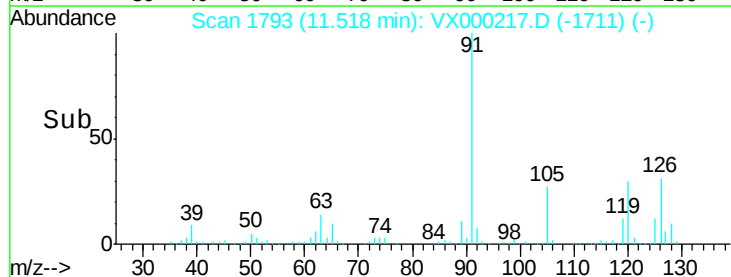
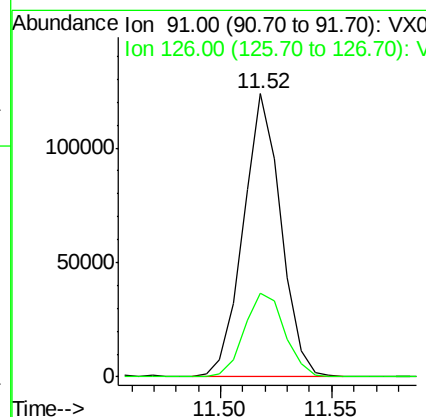
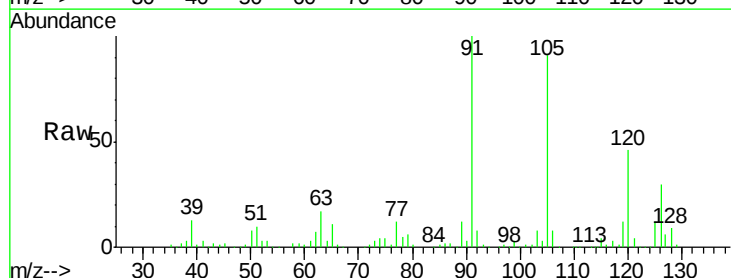
Instrument :
MSVOA_X
ClientSampled :
VX0308WBSD01

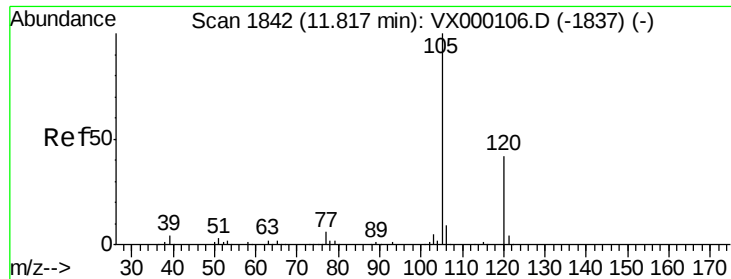
Tot Ion: 75 Resp: 19309
Ion Ratio Lower Upper
75 100
53 113.3 47.8 143.3
89 47.3 22.3 66.8



#78
4-Chlorotoluene
Concen: 21.150 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion: 91 Resp: 144755
Ion Ratio Lower Upper
91 100
126 32.1 0.0 63.4

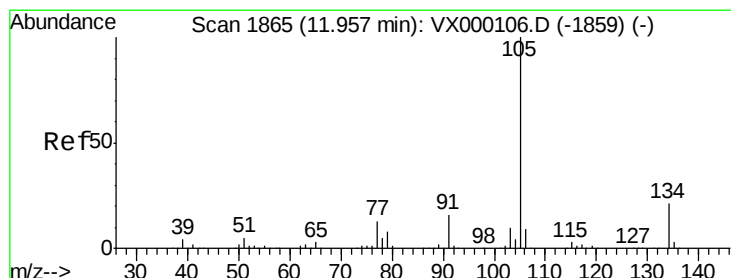
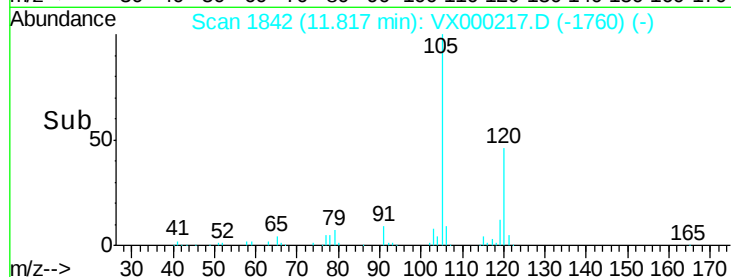
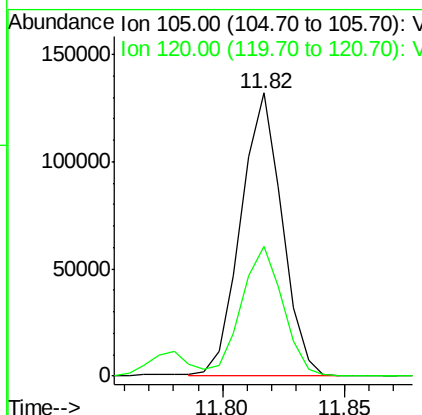
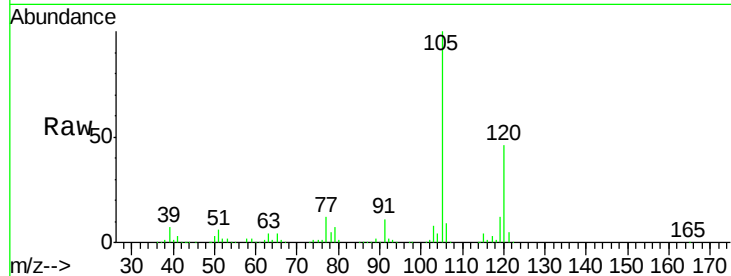




#80
 1,2,4-Trimethylbenzene
 Concen: 21.022 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

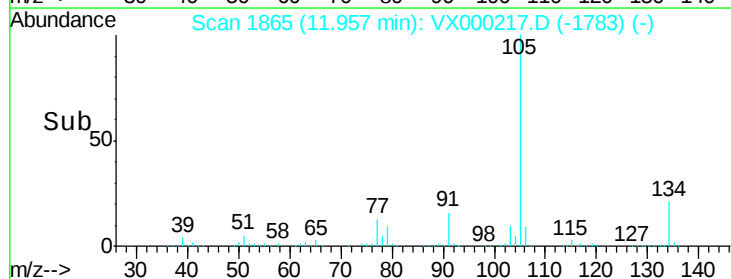
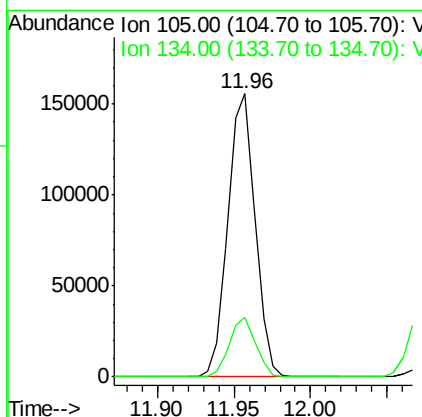
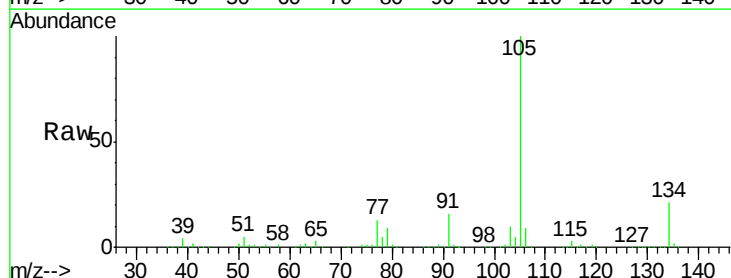
Instrument :
 MSVOA_X
 ClientSampled :
 VX0308WBSD01

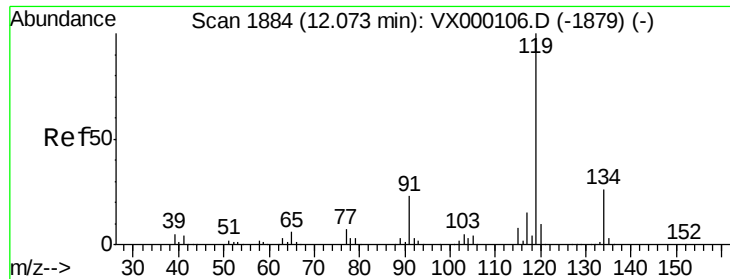
Tot Ion:105 Resp: 154060
 Ion Ratio Lower Upper
 105 100
 120 46.0 0.0 93.0



#81
 sec-Butylbenzene
 Concen: 21.759 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

Tgt Ion:105 Resp: 192342
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 41.8

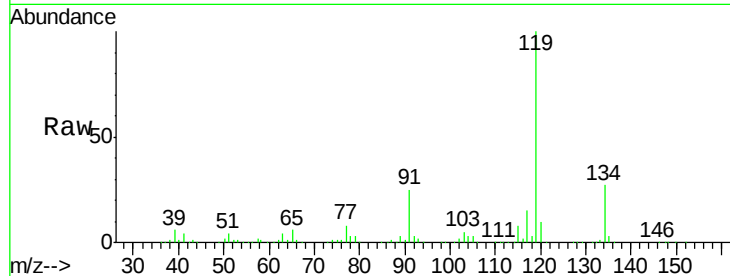




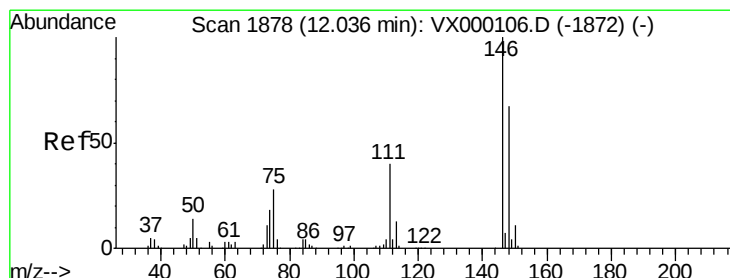
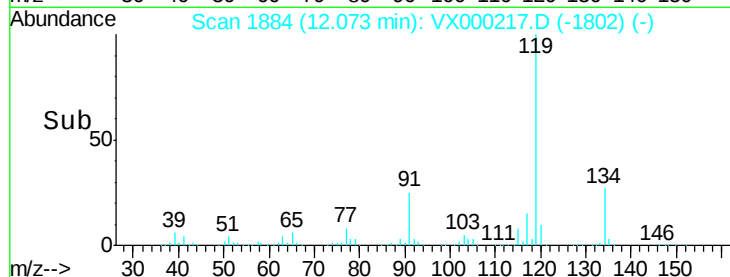
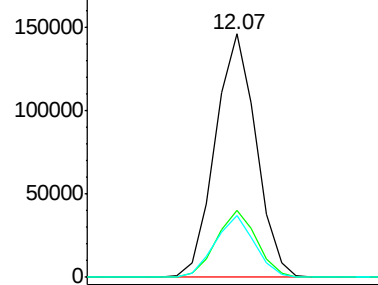
#82
p-Isopropyltoluene
Concen: 21.369 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

Tot Ion:119 Resp: 168511
Ion Ratio Lower Upper
119 100
134 27.2 0.0 54.4
91 24.7 0.0 46.6

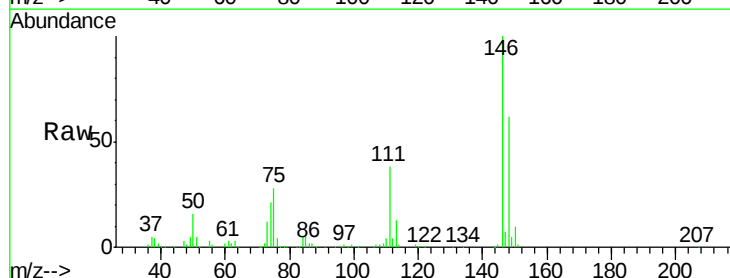


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

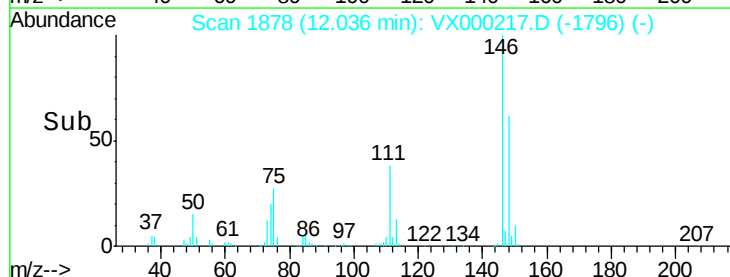
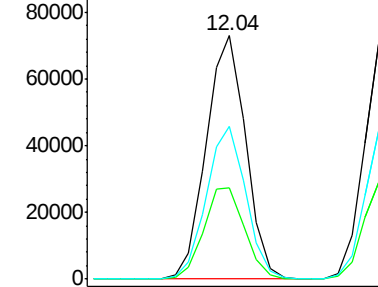


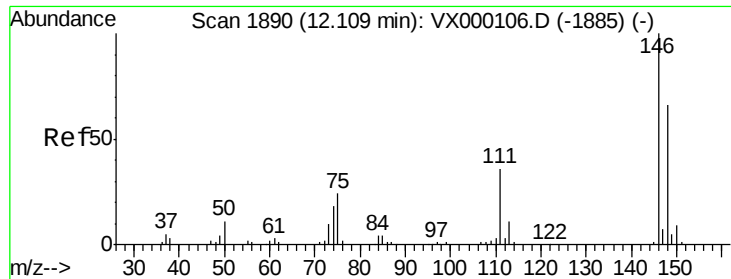
#83
1,3-Dichlorobenzene
Concen: 21.364 ug/l
RT: 12.04 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion:146 Resp: 90404
Ion Ratio Lower Upper
146 100
111 38.9 19.4 58.2
148 62.5 32.6 97.7



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





#84

1,4-Dichlorobenzene

Concen: 20.652 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

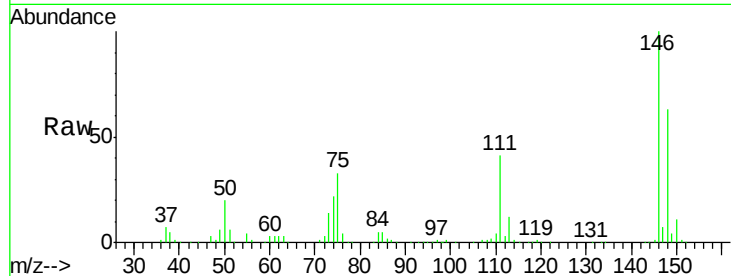
Tot Ion:146 Resp: 91080

Ion Ratio Lower Upper

146 100

111 38.7 18.4 55.0

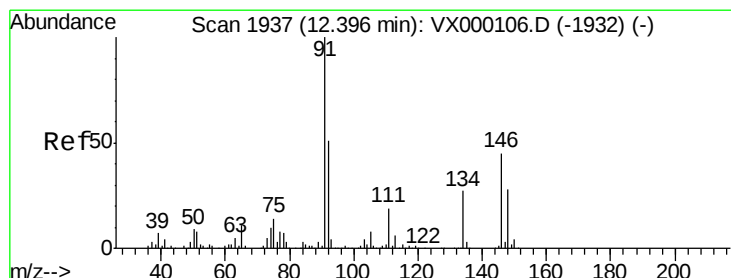
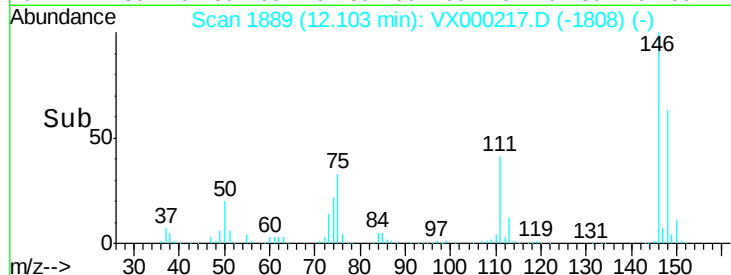
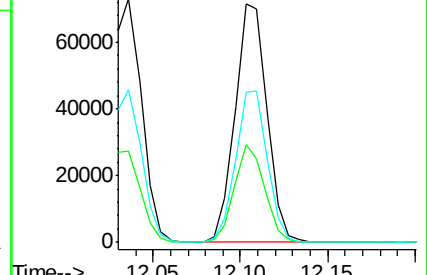
148 62.7 31.9 95.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#85

n-Butylbenzene

Concen: 22.106 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

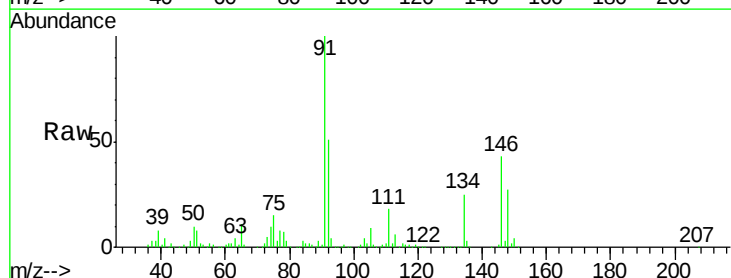
Tgt Ion: 91 Resp: 163503

Ion Ratio Lower Upper

91 100

92 51.6 0.0 102.0

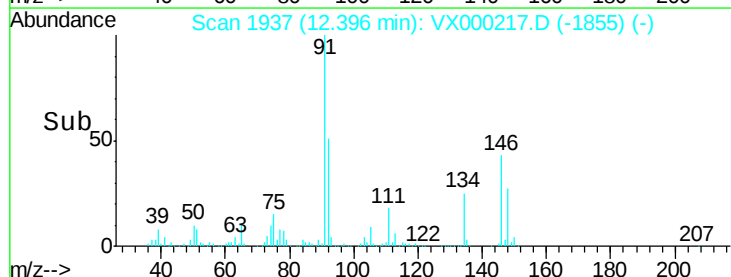
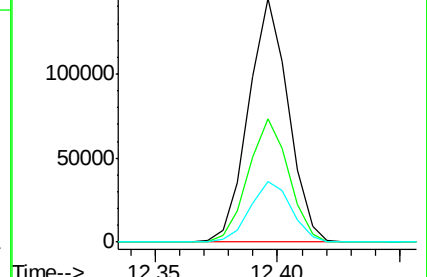
134 25.9 0.0 54.2

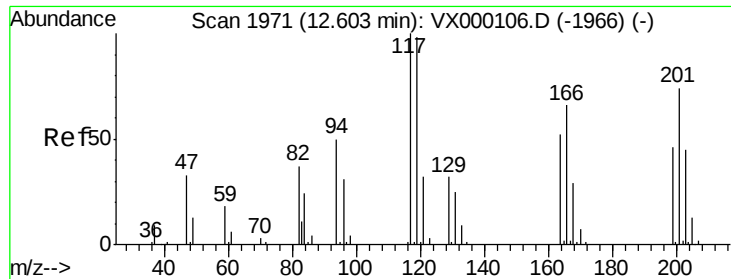


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

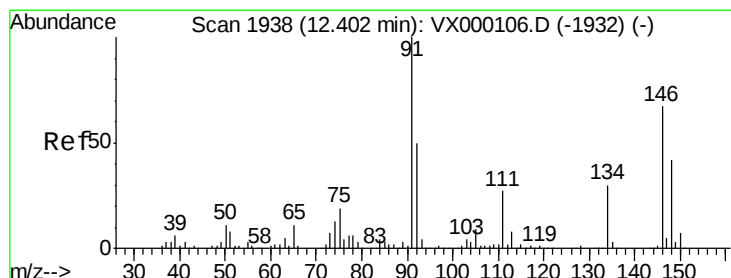
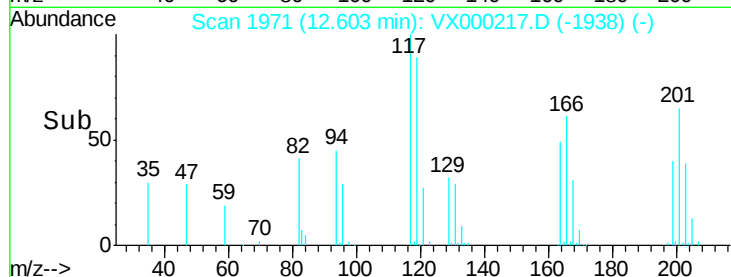
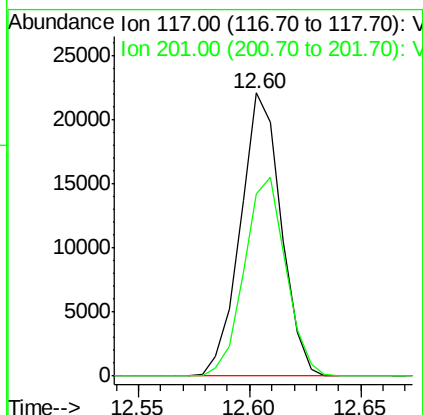
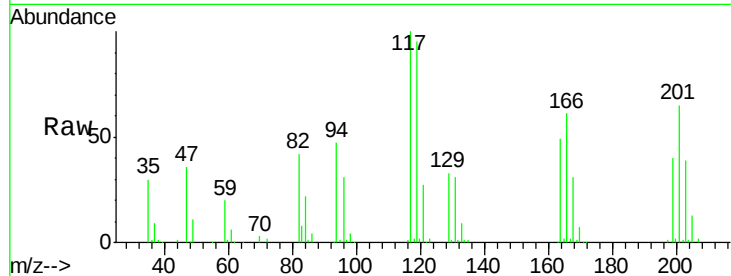




#86
Hexachloroethane
Concen: 21.459 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

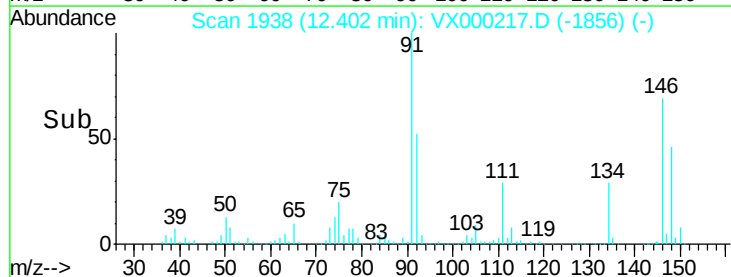
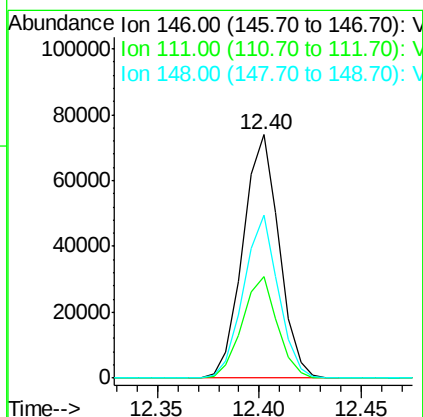
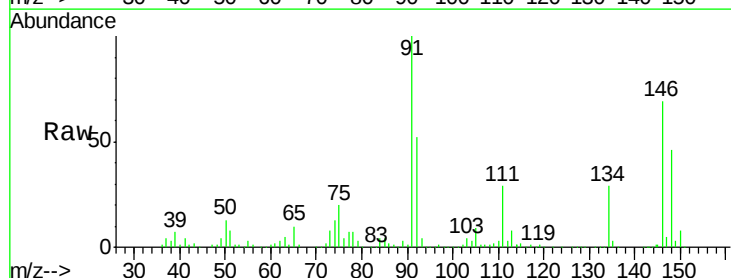
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

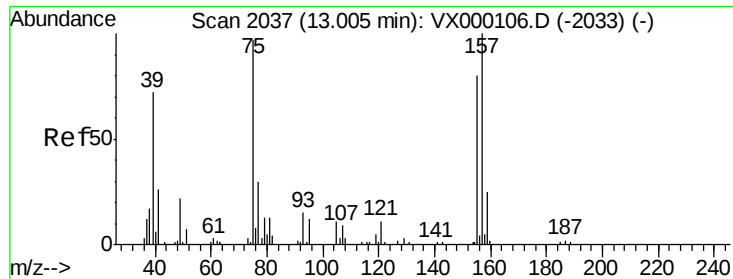
Tot Ion:117 Resp: 28267
Ion Ratio Lower Upper
117 100
201 71.8 38.9 116.6



#87
1,2-Dichlorobenzene
Concen: 21.683 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion:146 Resp: 90923
Ion Ratio Lower Upper
146 100
111 40.7 20.0 60.0
148 64.7 31.6 95.0





#88

1,2-Dibromo-3-Chloropropane

Concen: 24.607 ug/l

RT: 13.01 min Scan# 2038

Delta R.T. 0.01 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

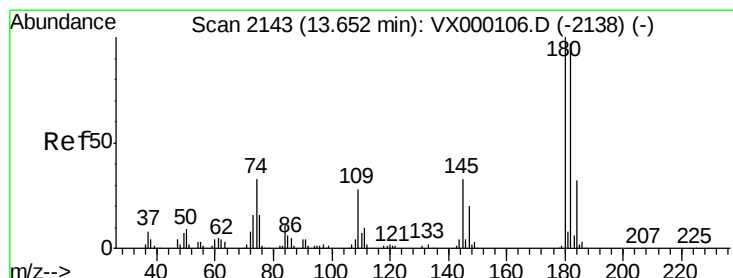
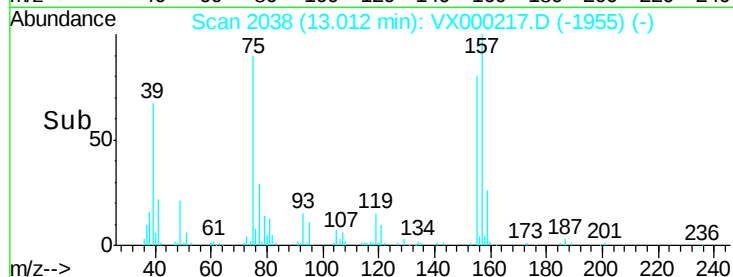
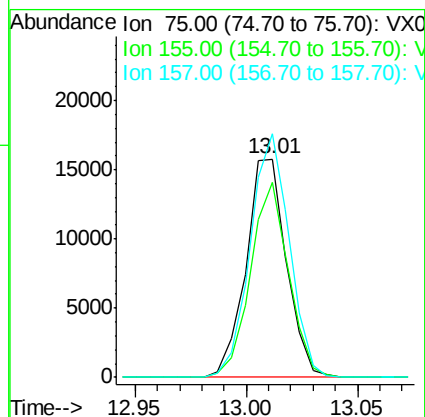
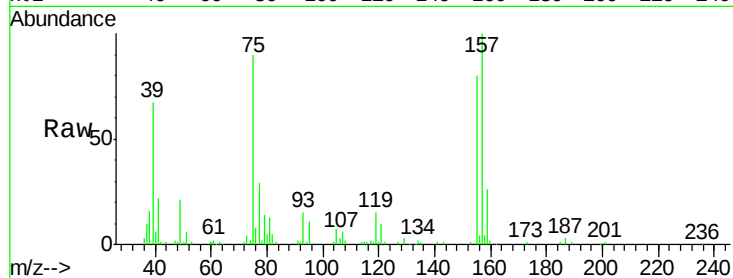
Tot Ion: 75 Resp: 20071

Ion Ratio Lower Upper

75 100

155 83.3 75.1 112.7

157 106.8 99.0 148.4



#89

1,2,4-Trichlorobenzene

Concen: 21.438 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

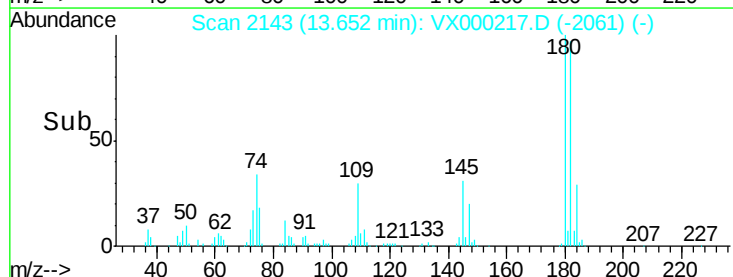
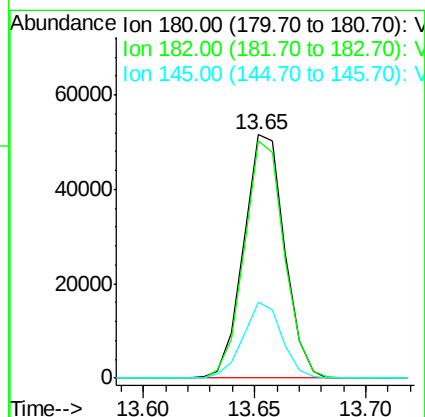
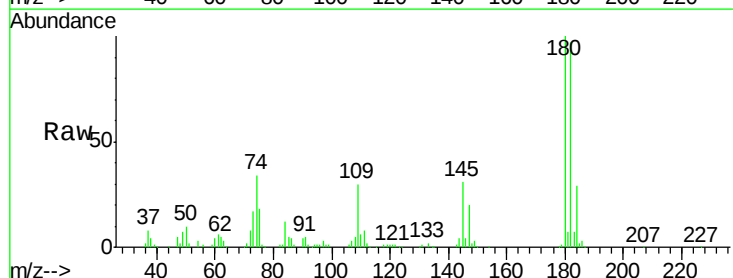
Tgt Ion:180 Resp: 66023

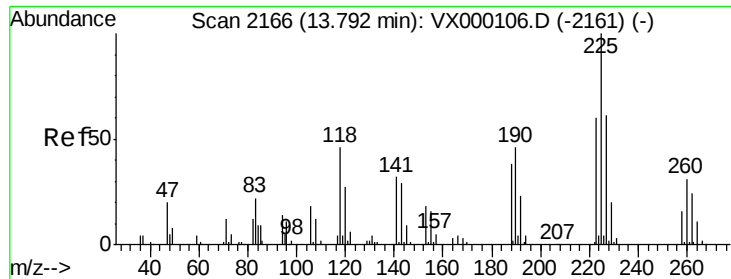
Ion Ratio Lower Upper

180 100

182 95.3 76.3 114.5

145 29.8 24.6 37.0

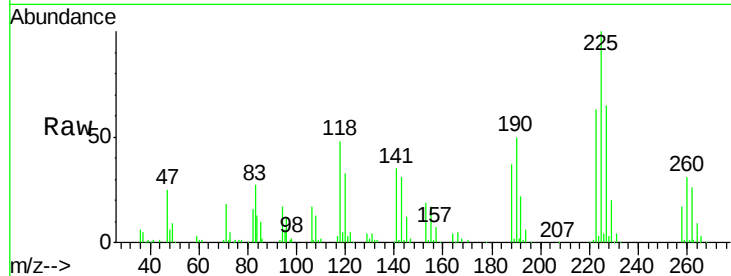




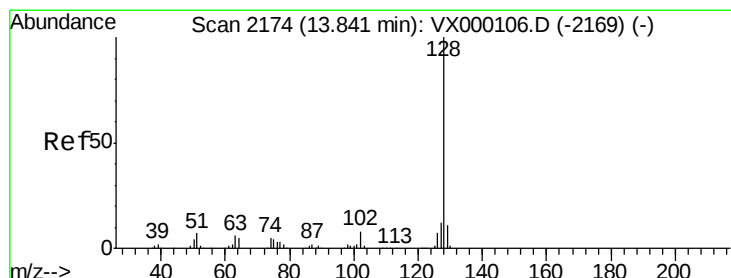
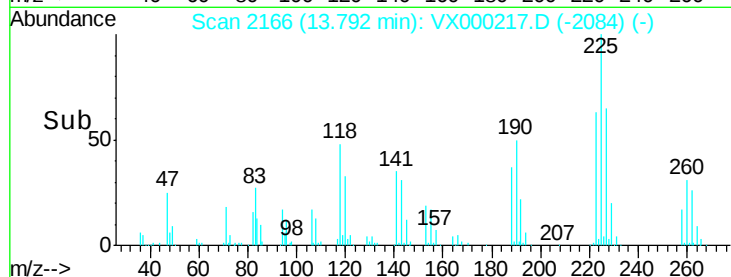
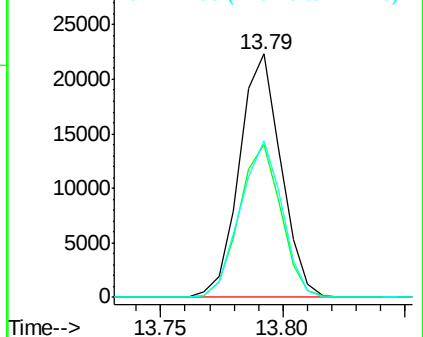
#90
Hexachlorobutadiene
Concen: 19.955 ug/l
RT: 13.79 min Scan# 2166
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

Tot Ion:225 Resp: 26477
Ion Ratio Lower Upper
225 100
223 63.2 0.0 131.2
227 65.0 0.0 127.6

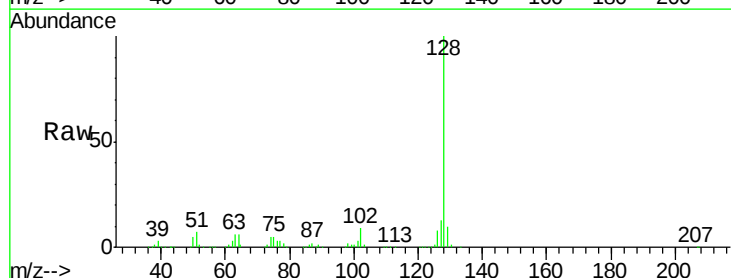


Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V

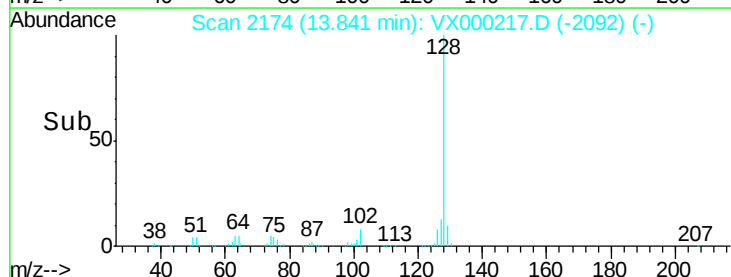
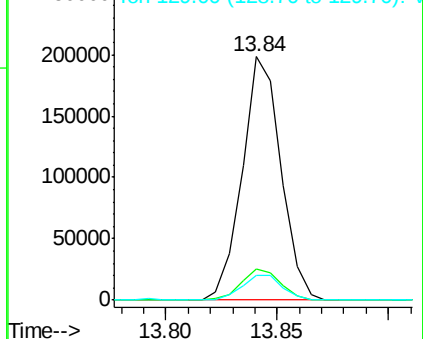


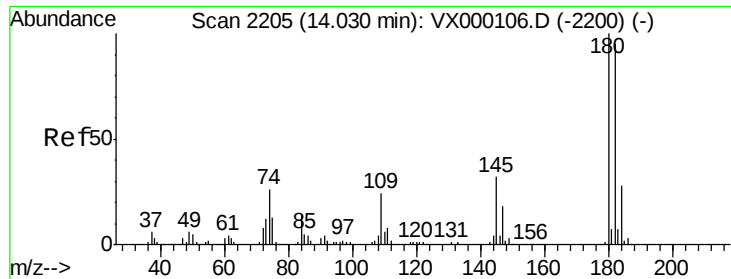
#91
Naphthalene
Concen: 22.384 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion:128 Resp: 240904
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#92
 1,2,3-Trichlorobenzene
 Concen: 21.463 ug/l
 RT: 14.03 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

Tot Ion:	180	Resp:	66455
Ion	Ratio	Lower	Upper
180	100		
182	95.2	0.0	188.6
145	32.0	0.0	65.8

