

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051818\
 Data File : VX001808.D
 Acq On : 18 May 2018 05:07
 Operator : JC/MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Quant Time: May 18 06:39:16 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X051818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 18 06:08:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	61195	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	277800	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	216457	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	117382	27.02	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	90.07%
60) 4-Bromofluorobenzene	11.14	95	96735	28.63	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.43%
63) Toluene-d8	8.72	98	324199	32.75	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	109.17%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	78029	29.75	ug/l	98
3) Chloromethane	1.32	50	155932	48.81	ug/l	99
4) Vinyl Chloride	1.40	62	139548	43.24	ug/l	100
5) Bromomethane	1.64	94	66279	40.73	ug/l	98
6) Chloroethane	1.72	64	100762	46.04	ug/l	99
7) Trichlorofluoromethane	1.93	101	150842	33.80	ug/l	99
8) Diethyl Ether	2.19	74	108463	51.47	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79353	32.17	ug/l	99
10) 1,1-Dichloroethene	2.37	96	106549	40.43	ug/l	98
11) Methyl Iodide	2.51	142	193406	49.21	ug/l	98
12) Methyl Acetate	2.78	43	262592	54.61	ug/l	98
13) Acrolein	2.30	56	152161	273.21	ug/l	99
14) Acrylonitrile	3.15	53	491727	258.71	ug/l	99
15) Acetone	2.45	58	132300	258.12	ug/l	100
16) Carbon Disulfide	2.57	76	277061	42.17	ug/l	100
17) Allyl chloride	2.73	41	243574	47.08	ug/l	97
18) Methylene Chloride	2.86	84	162050	49.64	ug/l	98
19) trans-1,2-Dichloroethene	3.17	96	132934	45.43	ug/l	95
20) Diisopropyl ether	3.88	45	530489	52.98	ug/l	98
21) 1,1-Dichloroethane	3.70	63	266982	47.71	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	174199	51.24	ug/l	98
23) tert-Butyl Alcohol	3.09	59	201595	241.51	ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	508174	50.41	ug/l	100
25) Chloroform	5.22	83	285689	49.04	ug/l	99
26) Cyclohexane	5.58	56	142534	36.61	ug/l	# 100
29) 1,1-Dichloropropene	5.80	75	159341	47.49	ug/l	99
30) 2-Butanone	4.72	43	694570	292.35	ug/l	100
31) 2,2-Dichloropropane	4.59	77	94794	34.65	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	203323	47.37	ug/l	99
33) Carbon Tetrachloride	5.79	117	165681	44.50	ug/l	98
34) Benzene	6.15	78	619625	55.08	ug/l	98
35) Methacrylonitrile	5.07	41	147545	57.52	ug/l	97
36) 1,2-Dichloroethane	6.21	62	231879	52.18	ug/l	100
37) Trichloroethene	7.22	130	170724	52.61	ug/l	98
38) Methylcyclohexane	7.46	83	137699	39.34	ug/l	96
39) 1,2-Dichloropropane	7.52	63	163037	57.06	ug/l	100
40) Dibromomethane	7.67	93	115933	56.59	ug/l	99

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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	7.90	83	214451	56.27	ug/l	98
42) Vinyl Acetate	3.83	43	1814129	243.63	ug/l	100
43) Ethyl Acetate	4.87	43	260677	57.62	ug/l	100
44) Isopropyl Acetate	6.48	43	398145	57.78	ug/l	100
45) 1,4-Dioxane	7.76	88	95050	1175.59	ug/l	98
46) Methyl methacrylate	7.79	41	211812	57.32	ug/l	97
47) n-amyl Acetate	10.91	43	284703	50.47	ug/l	99
48) t-1,3-Dichloropropene	8.45	75	231962	55.57	ug/l	99
49) cis-1,3-Dichloropropene	9.05	75	205084	55.65	ug/l	97
50) 1,1,2-Trichloroethane	9.22	97	154127	51.81	ug/l	98
51) Ethyl methacrylate	9.19	69	227882	53.28	ug/l	98
52) 1,3-Dichloropropane	9.38	76	250039	51.27	ug/l	99
53) Dibromochloromethane	9.59	129	163686	53.32	ug/l	100
54) 1,2-Dibromoethane	9.68	107	161982	52.06	ug/l	98
55) 2-Chloroethyl vinyl ether	8.32	63	674657	290.12	ug/l	99
56) Bromoform	10.87	173	136612	54.05	ug/l	100
58) 4-Methyl-2-Pentanone	8.66	43	1345588	324.10	ug/l	98
59) 2-Hexanone	9.51	43	879139	292.44	ug/l	100
61) Tetrachloroethene	9.34	164	157558	51.10	ug/l	98
62) Toluene	8.79	91	617100	58.24	ug/l	99
64) Chlorobenzene	10.15	112	357859	52.74	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.23	131	146109	55.76	ug/l	99
66) Ethyl Benzene	10.26	91	530974	50.47	ug/l	98
67) m/p-Xylenes	10.37	106	427170	101.81	ug/l	99
68) o-Xylene	10.71	106	217869	52.01	ug/l	99
69) Styrene	10.72	104	372556	53.54	ug/l	100
70) Isopropylbenzene	11.02	105	508959	48.12	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	213137	56.22	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	243466	66.30	ug/l	92
73) Bromobenzene	11.26	156	176725	53.39	ug/l	98
74) n-propylbenzene	11.37	91	532967	46.17	ug/l	100
75) 2-Chlorotoluene	11.43	91	359200	48.85	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	424351	47.74	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	49707	54.26	ug/l	86
78) 4-Chlorotoluene	11.52	91	402681	48.36	ug/l	99
79) tert-butylbenzene	12.07	119	427666	46.08	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	447315	49.14	ug/l	99
81) sec-Butylbenzene	11.95	105	464627	45.68	ug/l	99
82) p-Isopropyltoluene	12.07	119	427666	46.08	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	278292	49.27	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	276090	48.71	ug/l	99
85) n-Butylbenzene	12.40	91	316900	43.34	ug/l	99
86) Hexachloroethane	12.60	117	70029	46.85	ug/l	100
87) 1,2-Dichlorobenzene	12.40	146	302579	51.21	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	49166	56.42	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	200232	48.44	ug/l	100
90) Hexachlorobutadiene	13.79	225	89685	43.10	ug/l	97
91) Naphthalene	13.84	128	720970	56.40	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	221451	50.08	ug/l	99

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VSTDICC050

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 18 06:08:30 2018
Response via : Initial Calibration

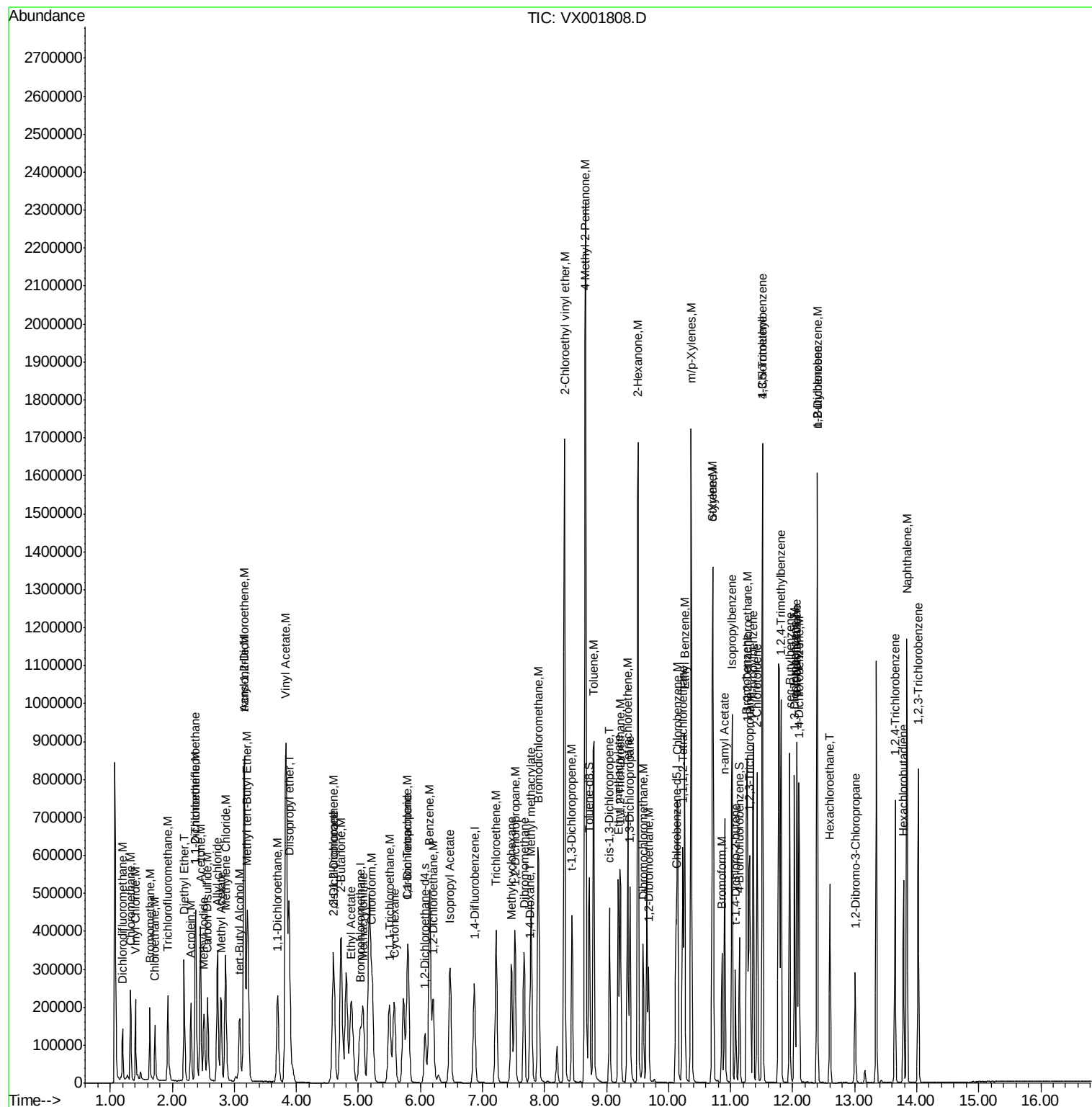
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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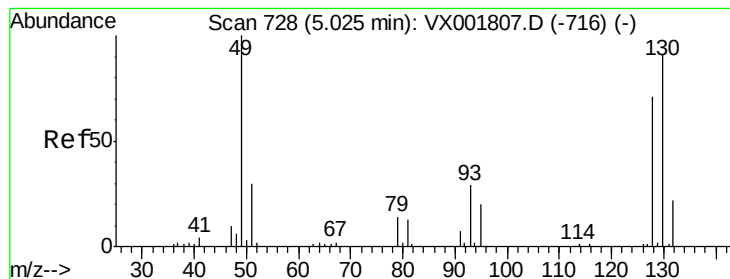
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
Client Sample ID :
VSTDIC050

Quant Time: May 18 06:39:16 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X051818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 18 06:08:30 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

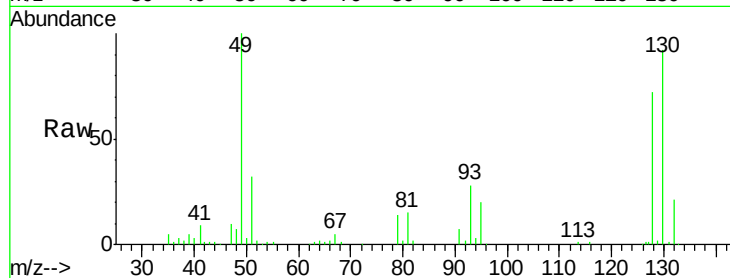
Tgt Ion:128 Resp: 61195

Ion Ratio Lower Upper

128 100

49 142.3 0.0 352.3

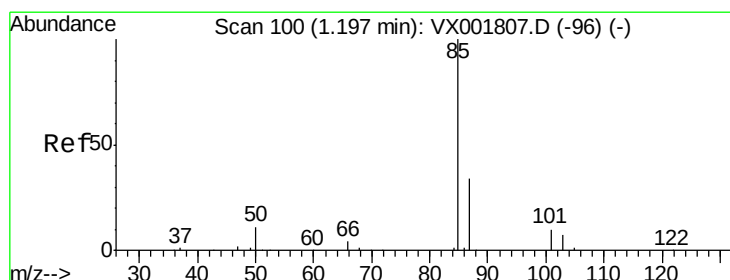
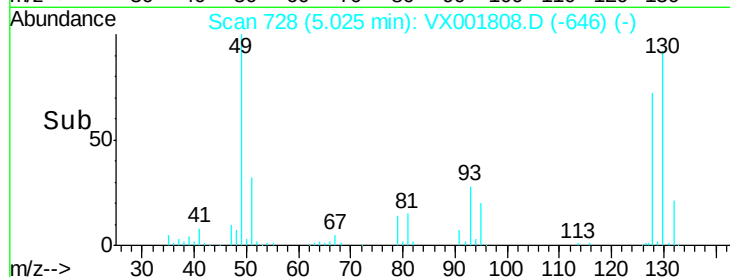
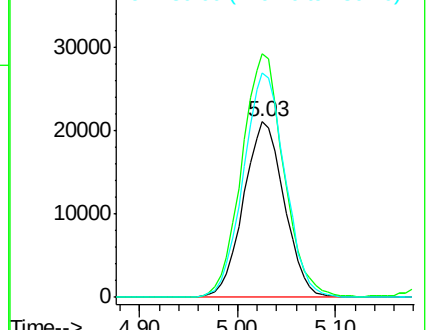
130 130.0 0.0 323.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 29.75 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001808.D

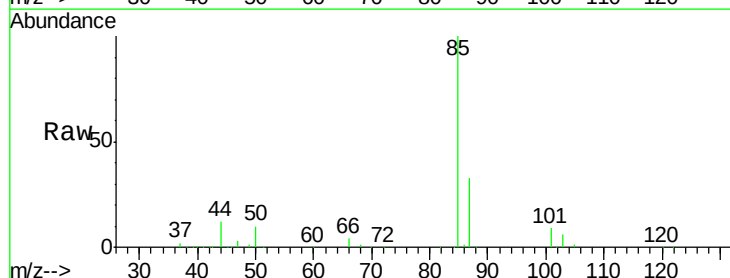
Acq: 18 May 2018 05:07

Tgt Ion: 85 Resp: 78029

Ion Ratio Lower Upper

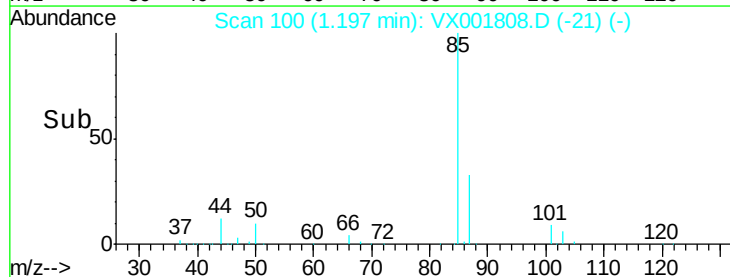
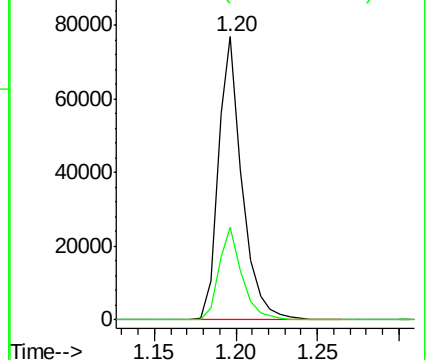
85 100

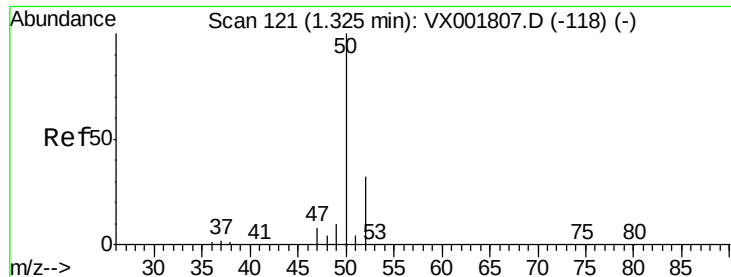
87 32.9 16.9 50.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

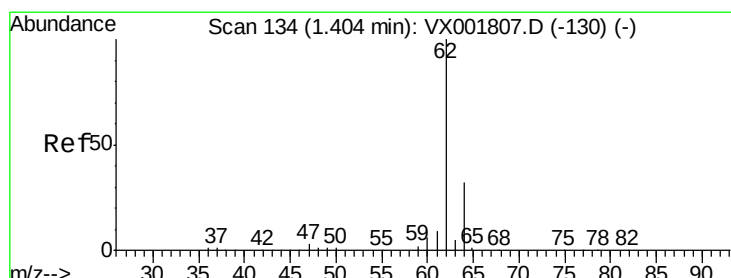
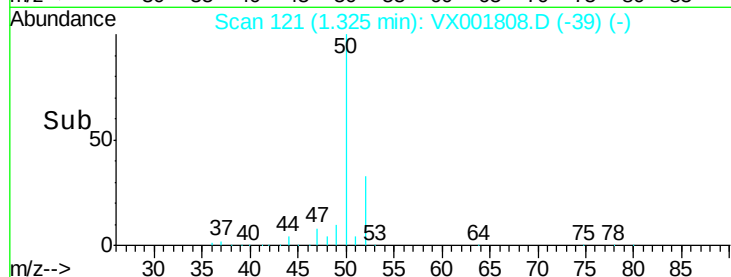
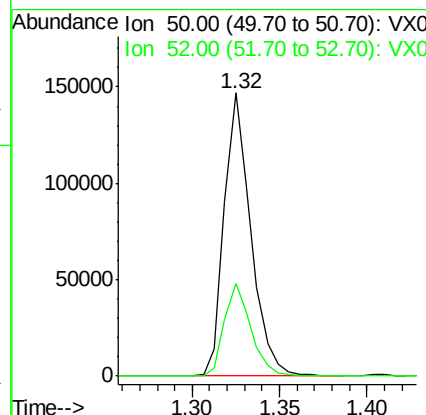
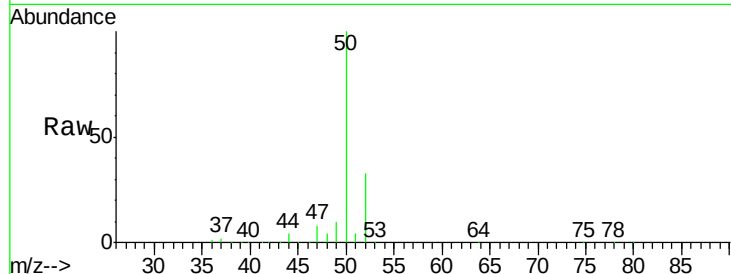




#3
Chloromethane
Concen: 48.81 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX001808.D
Acq: 18 May 2018 05:07

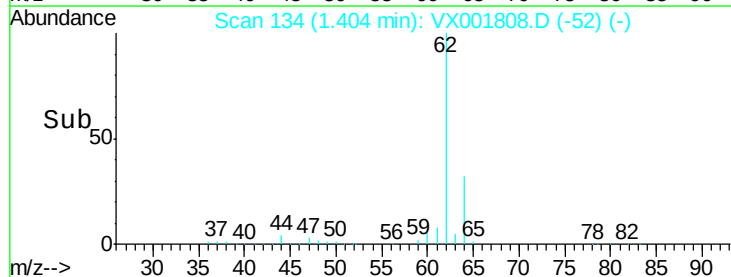
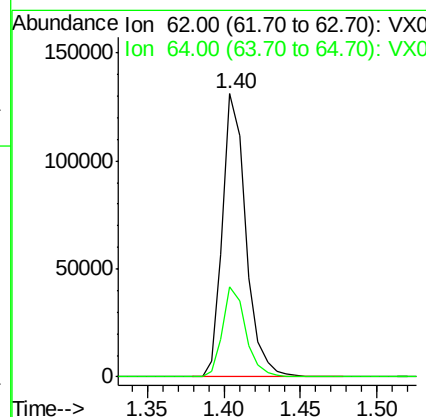
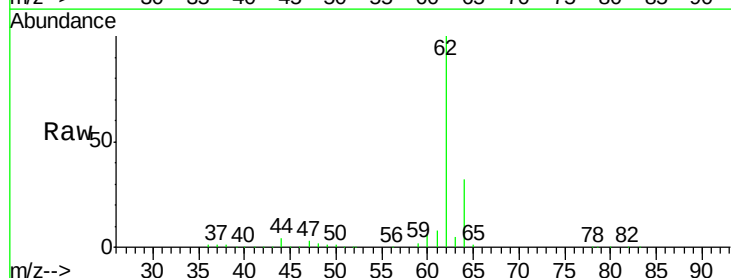
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

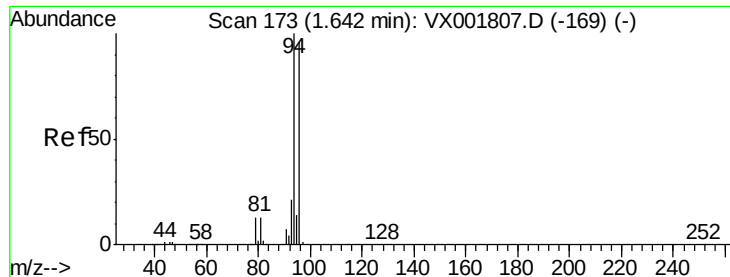
Tgt Ion: 50 Resp: 155932
Ion Ratio Lower Upper
50 100
52 32.9 26.0 39.0



#4
Vinyl Chloride
Concen: 43.24 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX001808.D
Acq: 18 May 2018 05:07

Tgt Ion: 62 Resp: 139548
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.2





#5

Bromomethane

Concen: 40.73 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

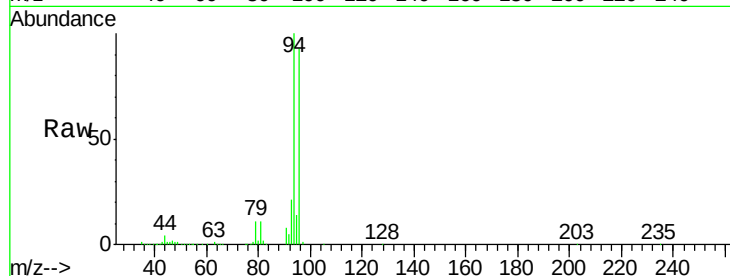
VSTDIC050

Tgt Ion: 94 Resp: 66279

Ion Ratio Lower Upper

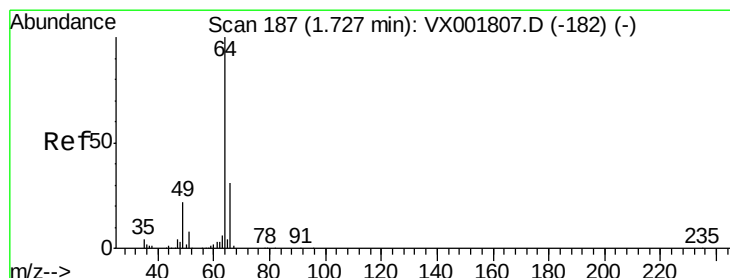
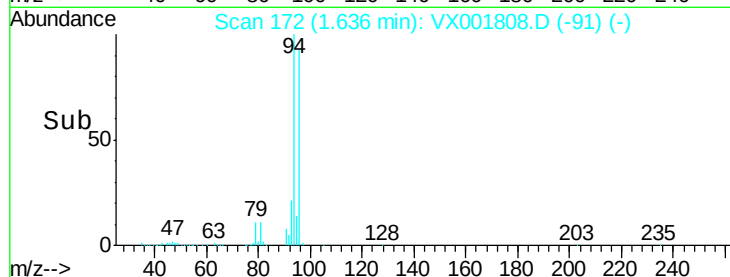
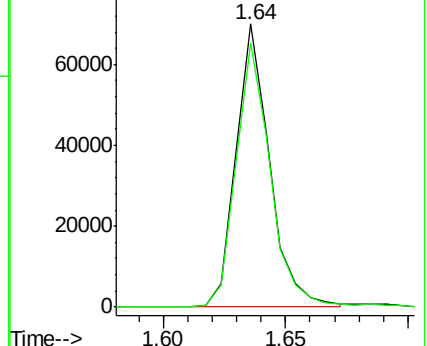
94 100

96 93.4 76.6 115.0



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 46.04 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX001808.D

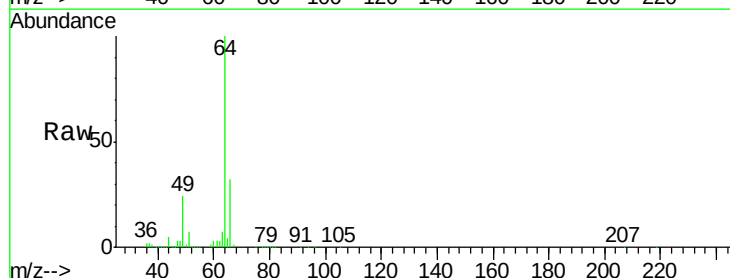
Acq: 18 May 2018 05:07

Tgt Ion: 64 Resp: 100762

Ion Ratio Lower Upper

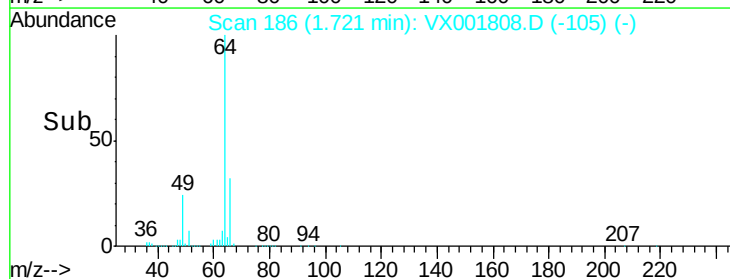
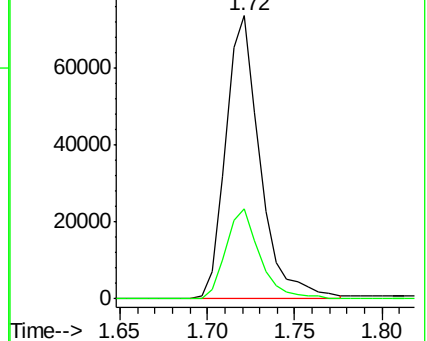
64 100

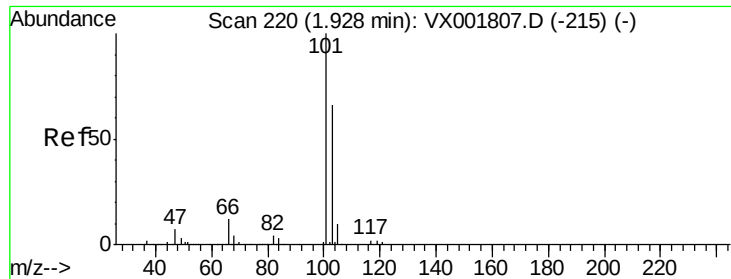
66 31.8 25.0 37.4



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



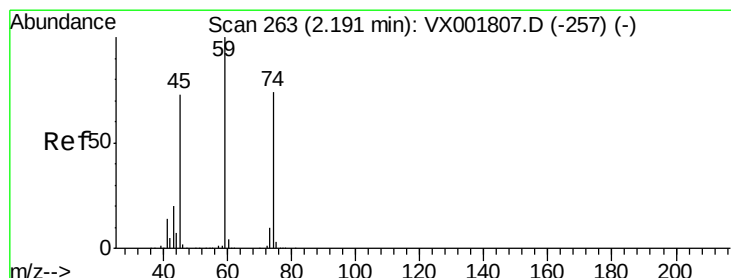
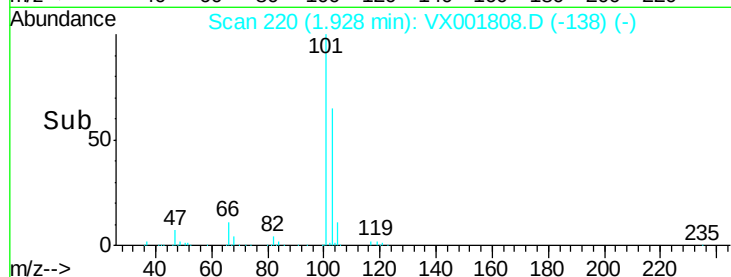
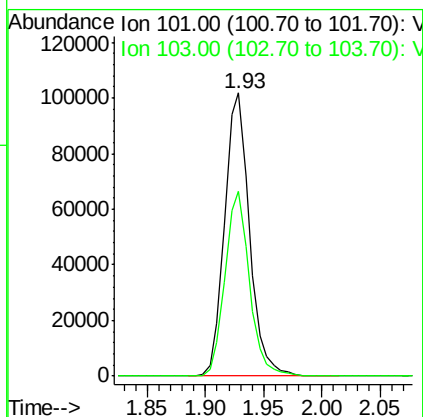
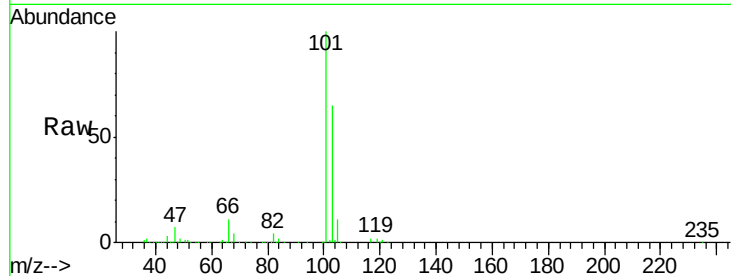


#7

Trichlorofluoromethane
 Concen: 33.80 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX001808.D
 Acq: 18 May 2018 05:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

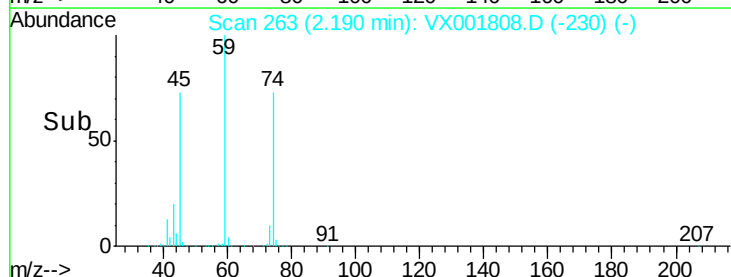
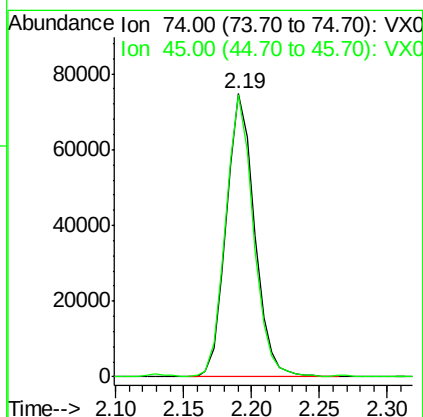
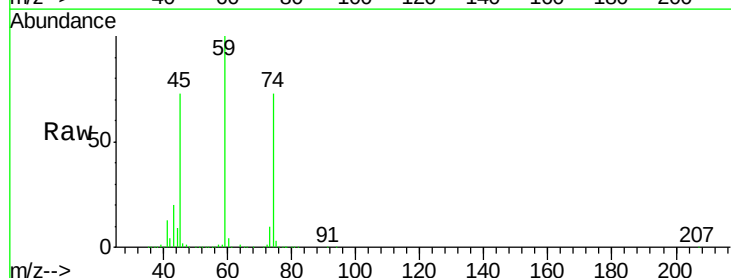
Tgt Ion: 101 Resp: 150842
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.9 79.3

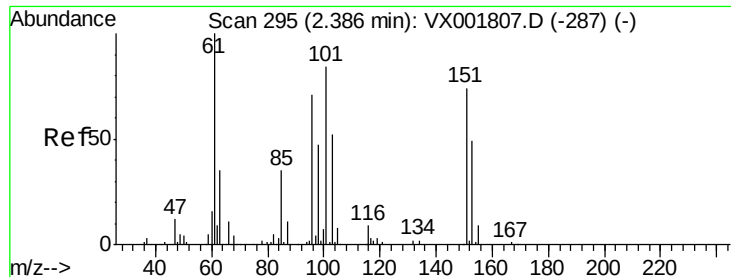


#8

Diethyl Ether
 Concen: 51.47 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001808.D
 Acq: 18 May 2018 05:07

Tgt Ion: 74 Resp: 108463
 Ion Ratio Lower Upper
 74 100
 45 97.3 19.8 178.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 32.17 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

Instrument :

MSVOA_X

ClientSampled :

VSTDIC050

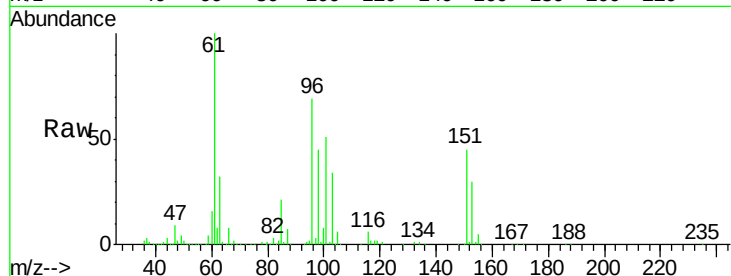
Tgt Ion: 101 Resp: 79353

Ion Ratio Lower Upper

101 100

85 41.5 0.0 83.0

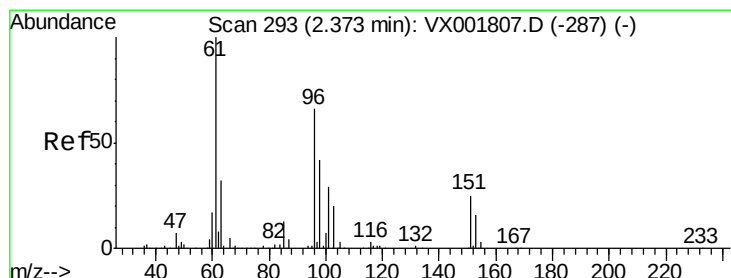
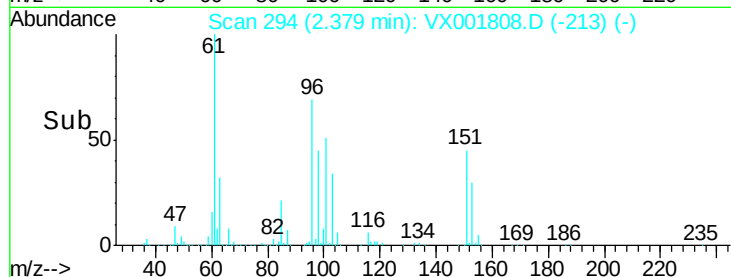
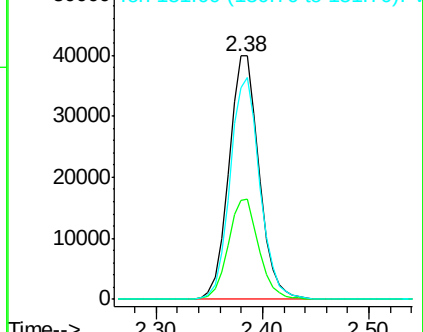
151 90.1 0.0 182.8



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: 40.43 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

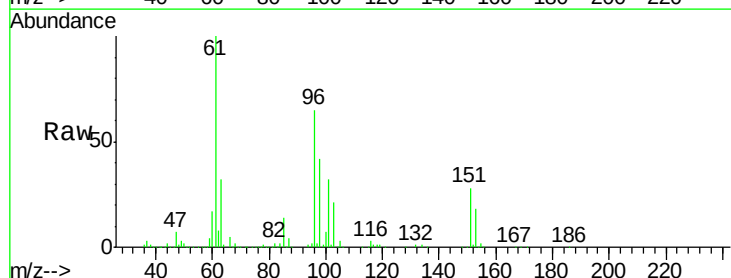
Tgt Ion: 96 Resp: 106549

Ion Ratio Lower Upper

96 100

61 154.5 120.9 181.3

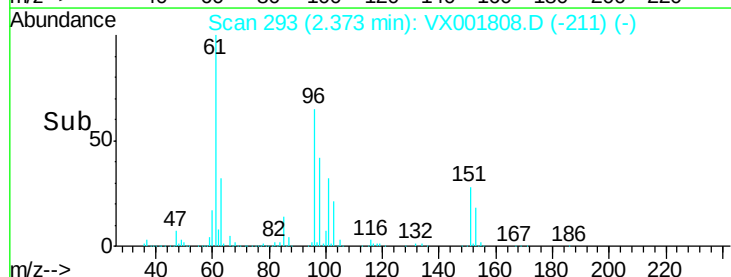
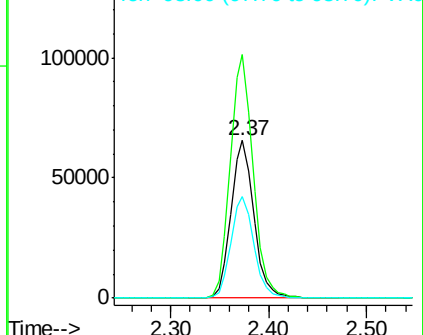
98 64.3 50.2 75.4

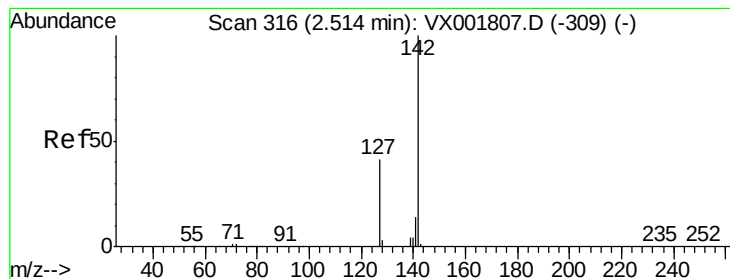


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

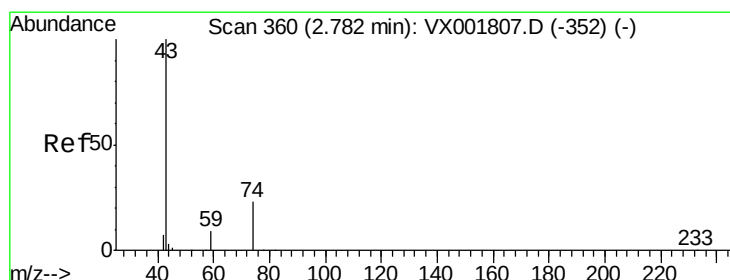
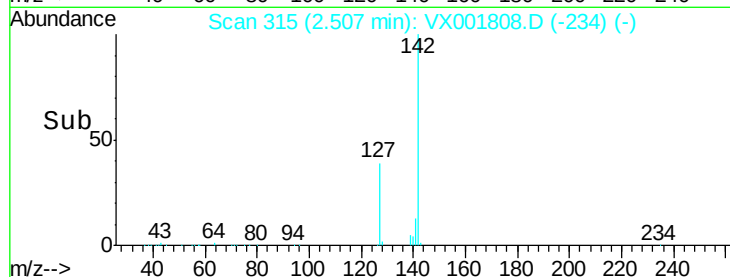
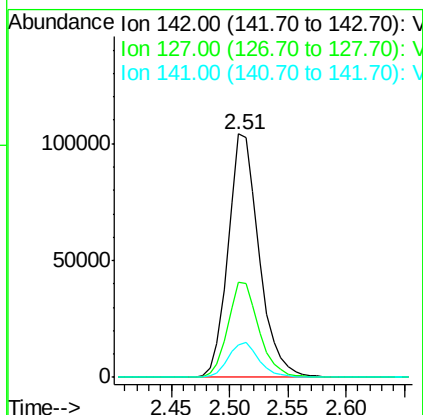
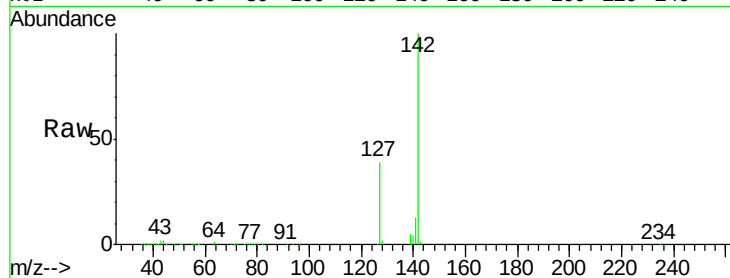




#11
Methyl Iodide
Concen: 49.21 ug/l
RT: 2.51 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX001808.D
Acq: 18 May 2018 05:07

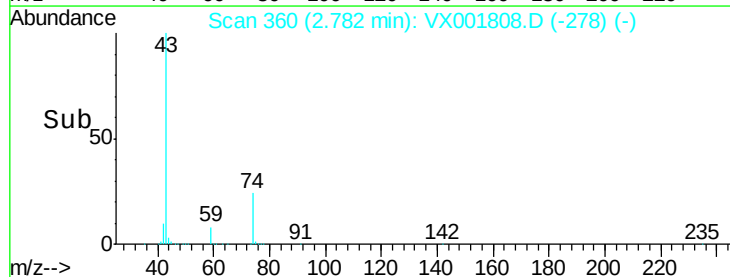
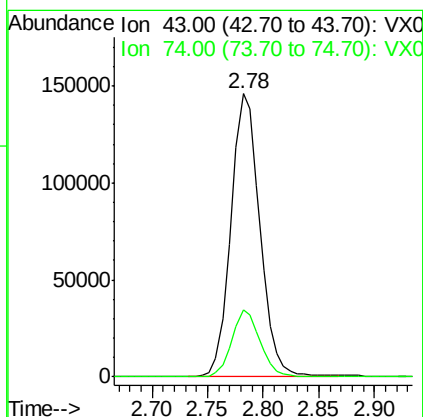
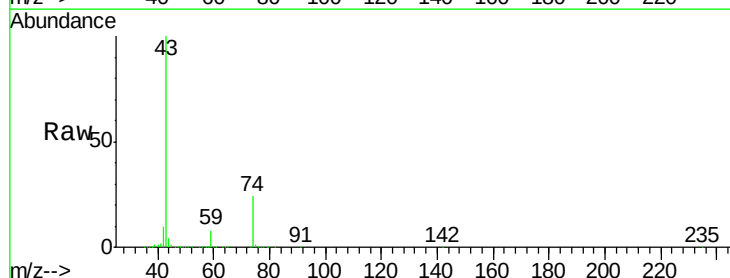
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

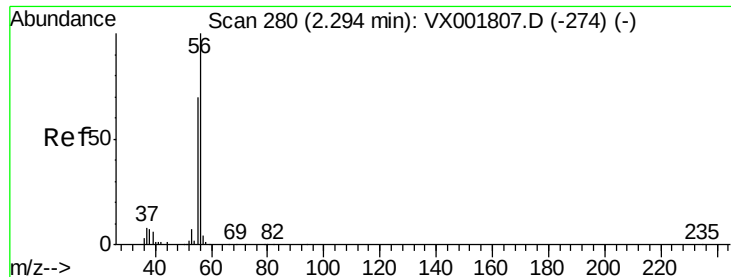
Tgt Ion:142 Resp: 193406
Ion Ratio Lower Upper
142 100
127 39.1 20.3 61.0
141 13.5 7.0 21.1



#12
Methyl Acetate
Concen: 54.61 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001808.D
Acq: 18 May 2018 05:07

Tgt Ion: 43 Resp: 262592
Ion Ratio Lower Upper
43 100
74 23.6 18.2 27.4





#13

Acrolein

Concen: 273.21 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

Instrument :

MSVOA_X

ClientSampled :

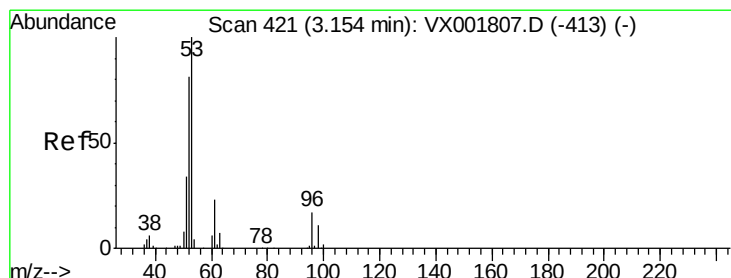
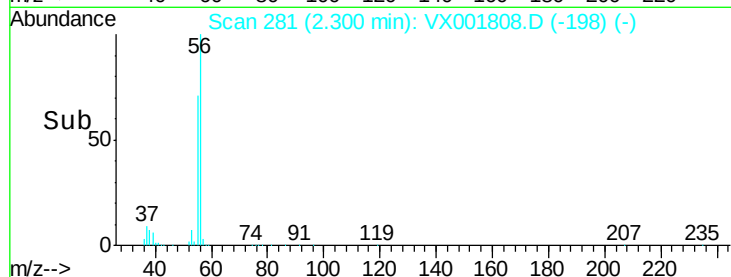
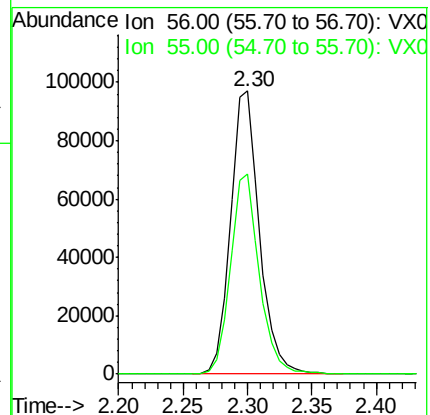
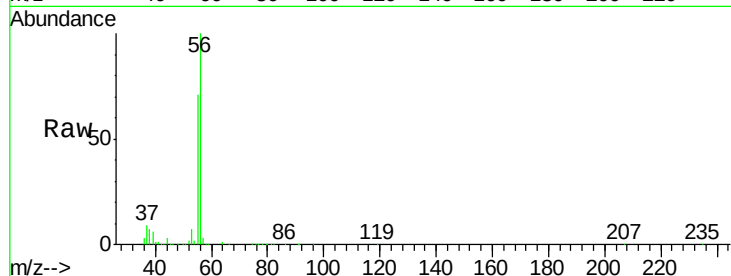
VSTDIC050

Tgt Ion: 56 Resp: 152161

Ion Ratio Lower Upper

56 100

55 70.4 56.0 84.0



#14

Acrylonitrile

Concen: 258.71 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

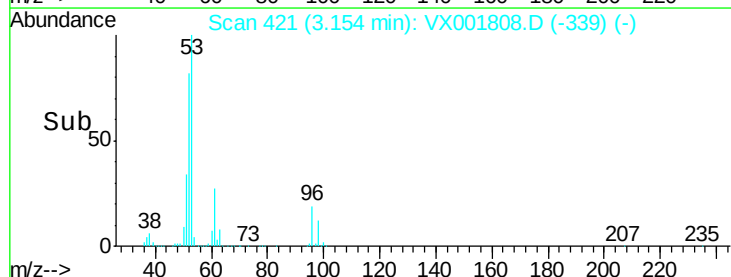
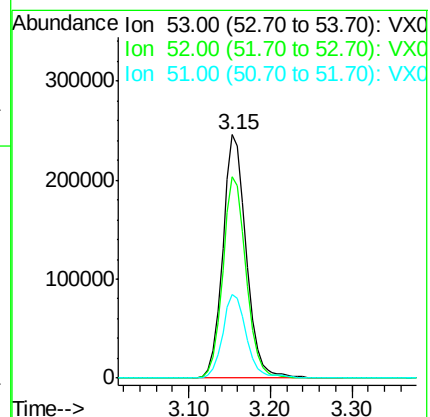
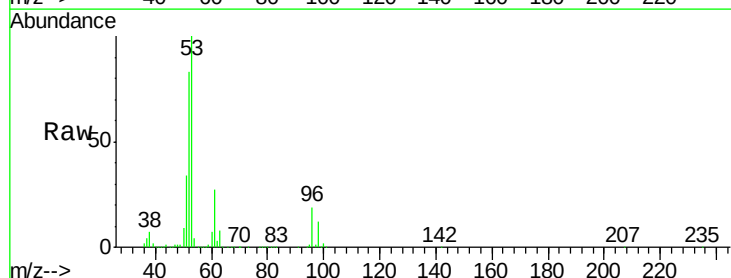
Tgt Ion: 53 Resp: 491727

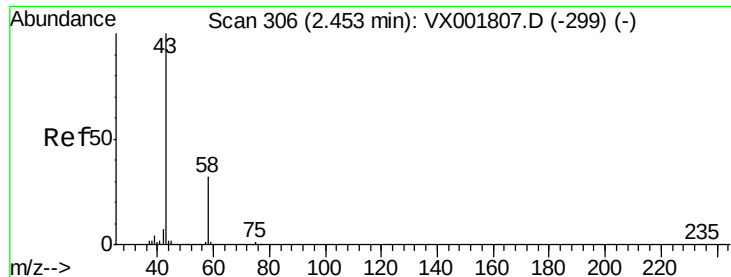
Ion Ratio Lower Upper

53 100

52 81.8 40.7 122.1

51 35.3 17.4 52.3





#15

Acetone

Concen: 258.12 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

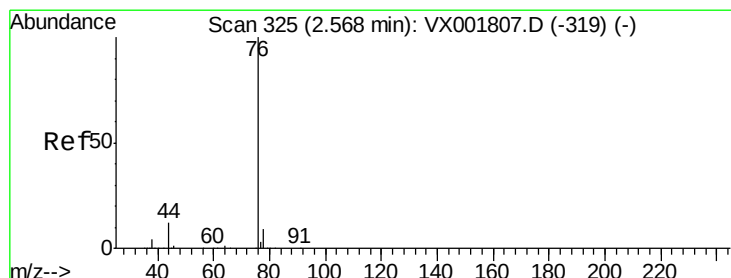
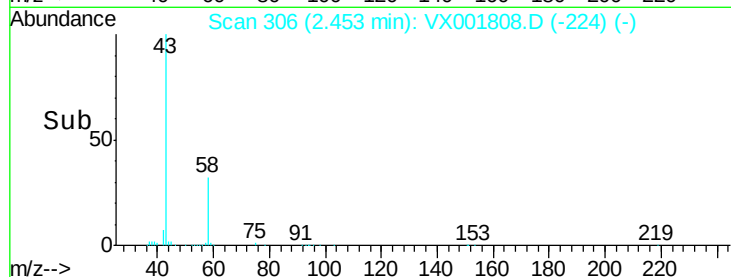
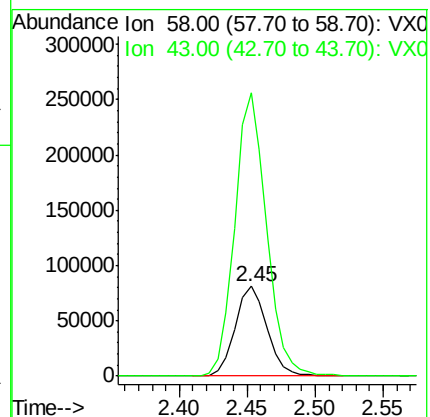
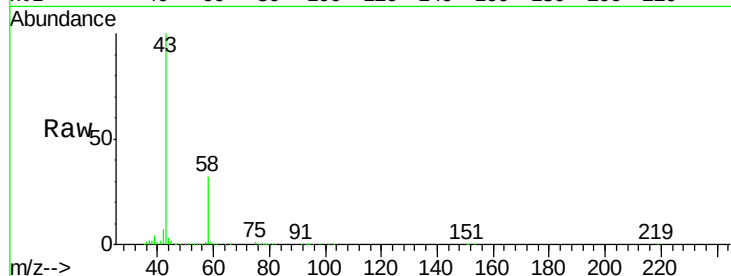
VSTDIC050

Tgt Ion: 58 Resp: 132300

Ion Ratio Lower Upper

58 100

43 314.5 252.1 378.1



#16

Carbon Disulfide

Concen: 42.17 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001808.D

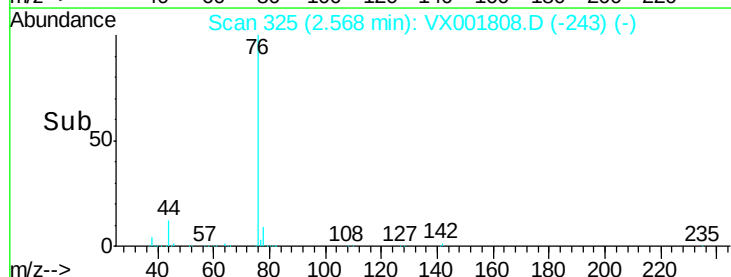
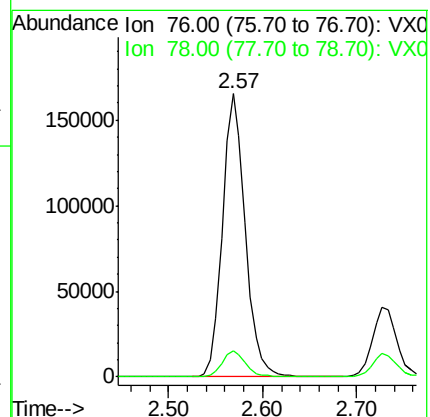
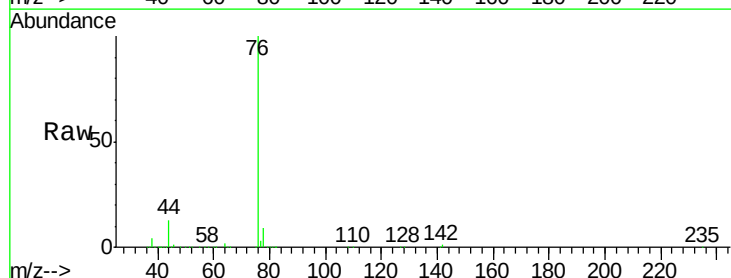
Acq: 18 May 2018 05:07

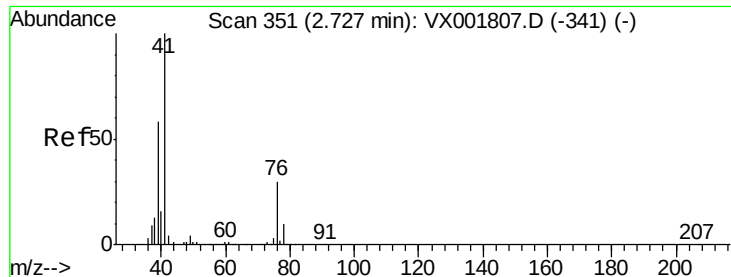
Tgt Ion: 76 Resp: 277061

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

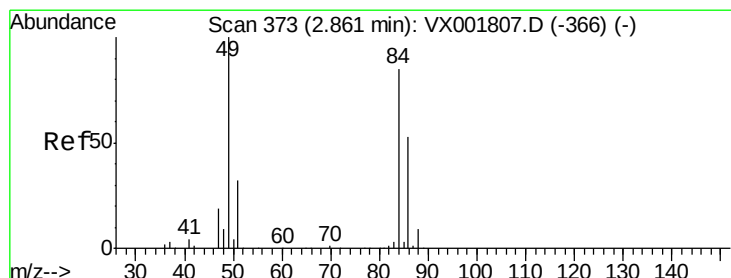
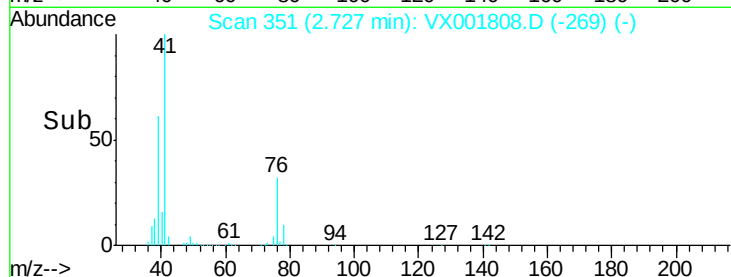
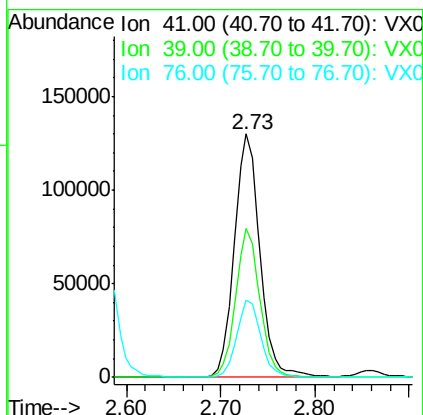
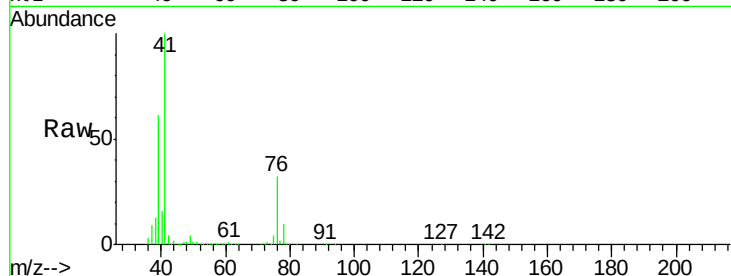




#17
 Allyl chloride
 Concen: 47.08 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX001808.D
 Acq: 18 May 2018 05:07

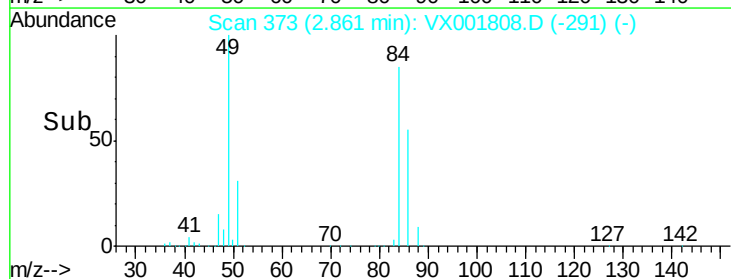
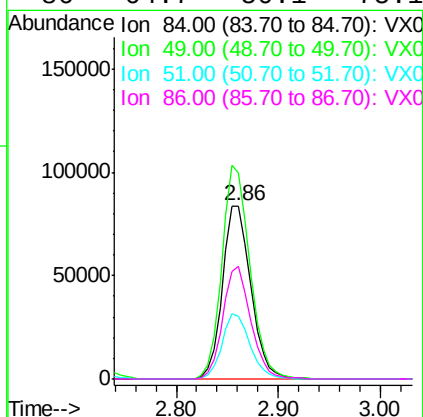
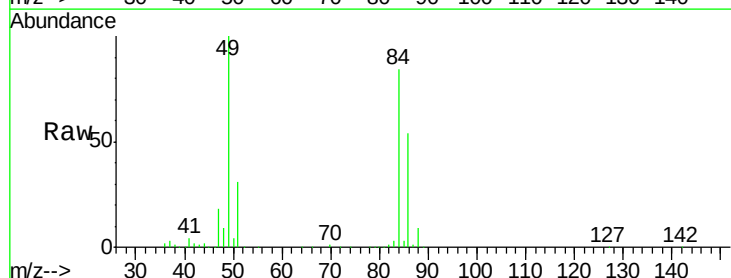
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

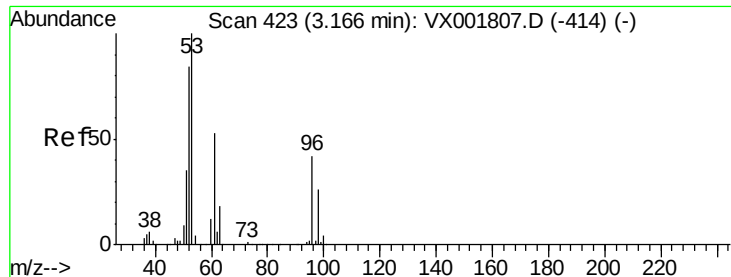
Tgt Ion: 41 Resp: 243574
 Ion Ratio Lower Upper
 41 100
 39 61.1 29.1 87.3
 76 31.5 15.2 45.5



#18
 Methylene Chloride
 Concen: 49.64 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX001808.D
 Acq: 18 May 2018 05:07

Tgt Ion: 84 Resp: 162050
 Ion Ratio Lower Upper
 84 100
 49 118.9 94.1 141.1
 51 36.4 29.8 44.6
 86 64.7 50.1 75.1





#19

trans-1,2-Dichloroethene

Concen: 45.43 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

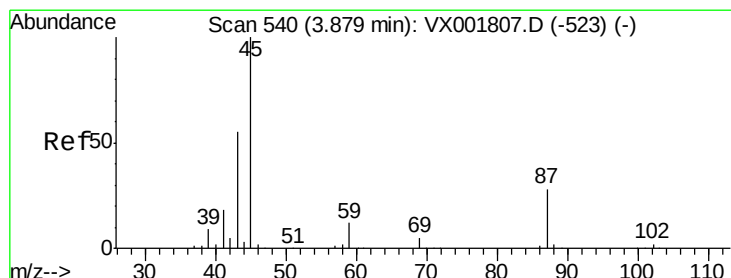
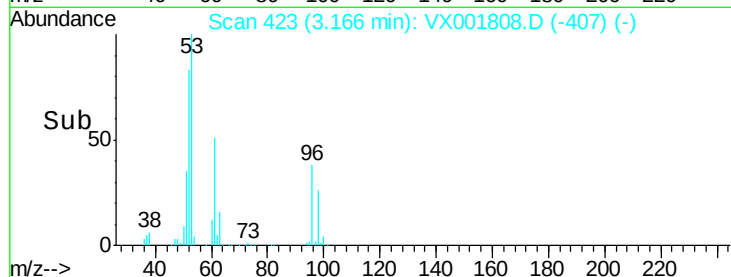
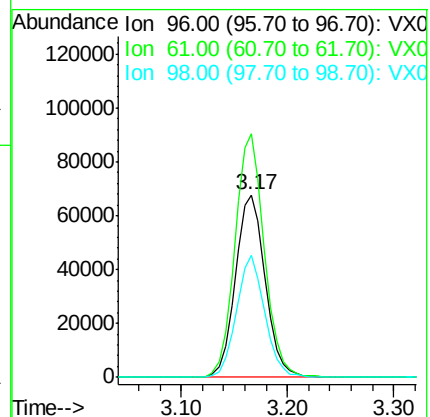
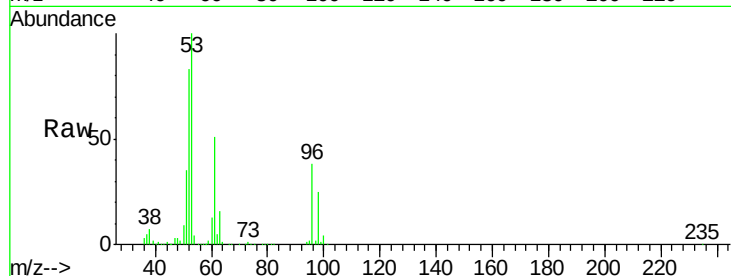
Tgt Ion: 96 Resp: 132934

Ion Ratio Lower Upper

96 100

61 133.1 102.9 154.3

98 67.0 49.7 74.5



#20

Diisopropyl ether

Concen: 52.98 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

Tgt Ion: 45 Resp: 530489

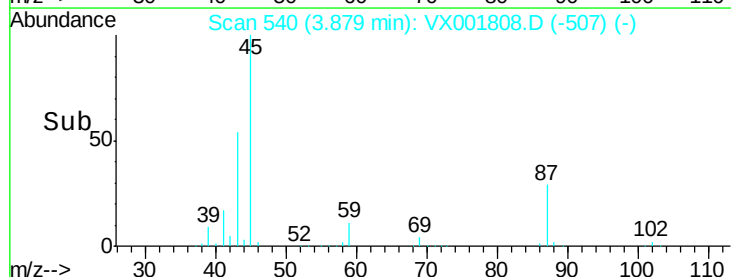
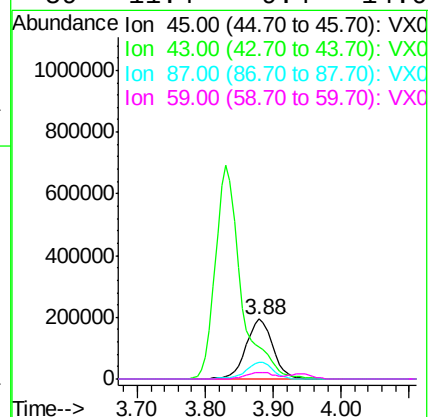
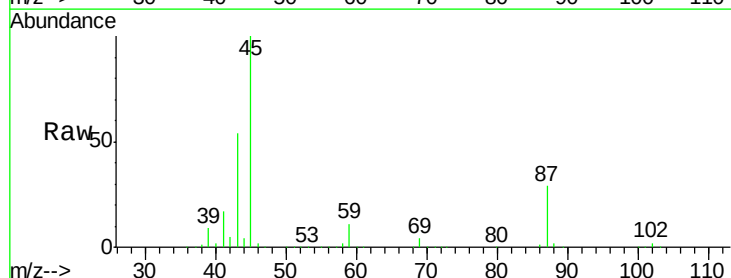
Ion Ratio Lower Upper

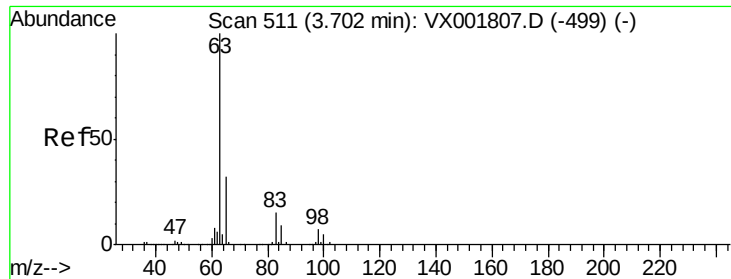
45 100

43 53.8 44.2 66.2

87 28.9 22.4 33.6

59 11.4 9.4 14.0

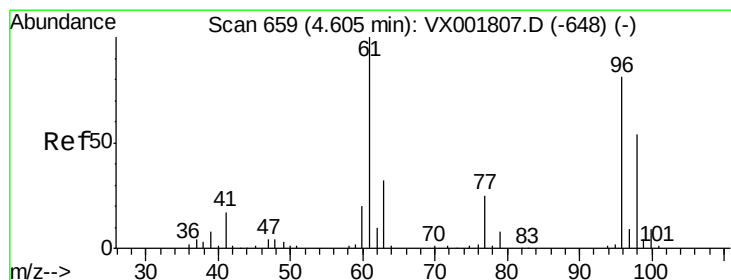
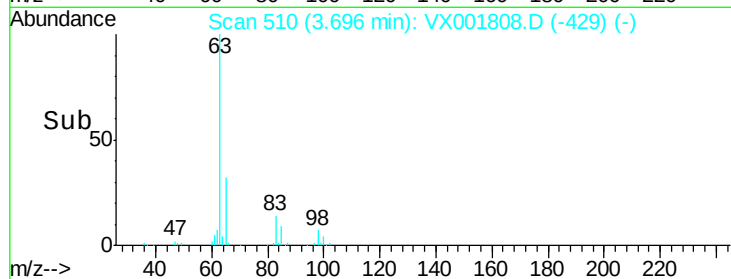
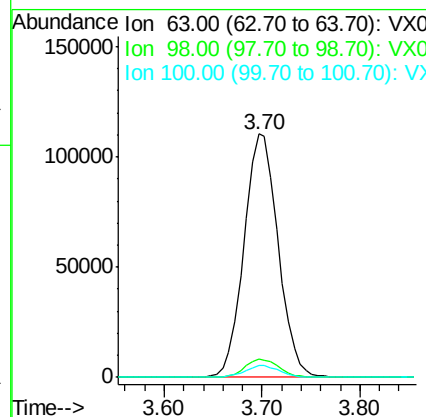
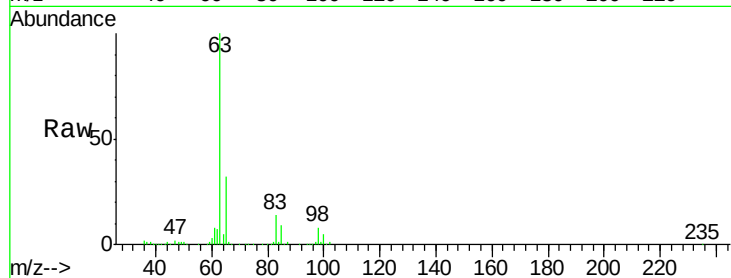




#21
 1,1-Dichloroethane
 Concen: 47.71 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: VX001808.D
 Acq: 18 May 2018 05:07

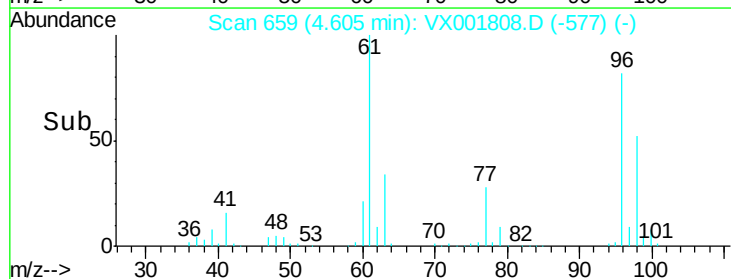
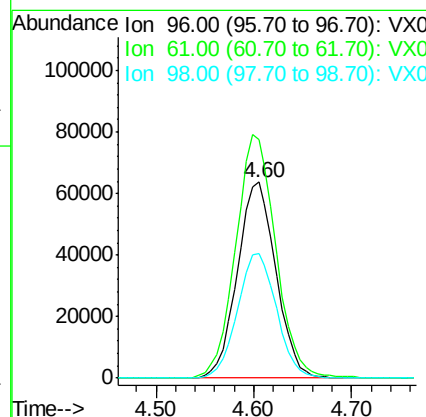
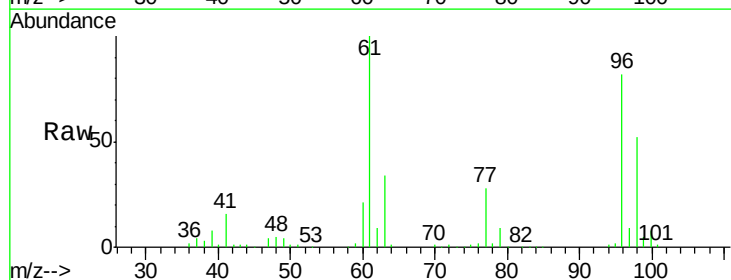
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

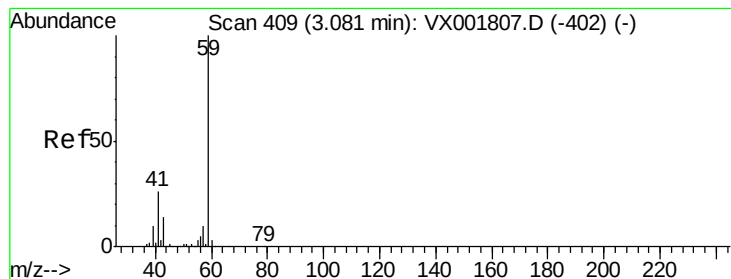
Tgt Ion: 63 Resp: 266982
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.7 11.1
 100 4.7 2.5 7.6



#22
 cis-1,2-Dichloroethene
 Concen: 51.24 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX001808.D
 Acq: 18 May 2018 05:07

Tgt Ion: 96 Resp: 174199
 Ion Ratio Lower Upper
 96 100
 61 129.2 105.9 158.9
 98 64.4 51.5 77.3





#23

tert-Butyl Alcohol

Concen: 241.51 ug/l

RT: 3.09 min Scan# 410

Delta R.T. 0.01 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

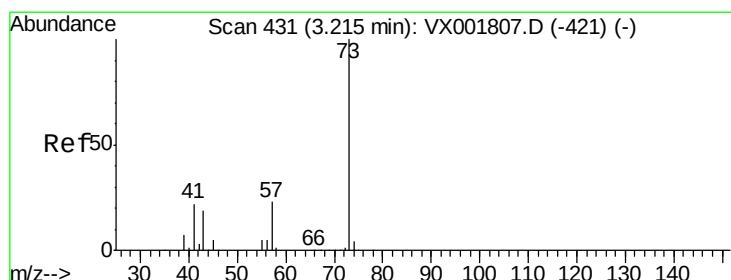
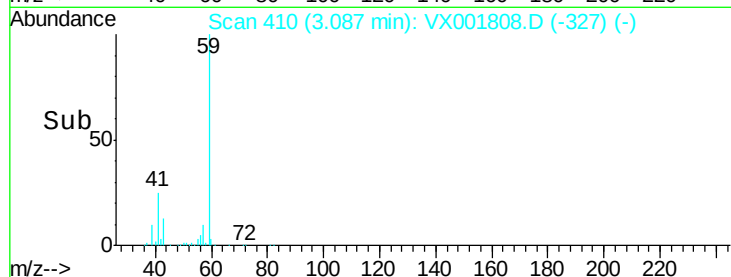
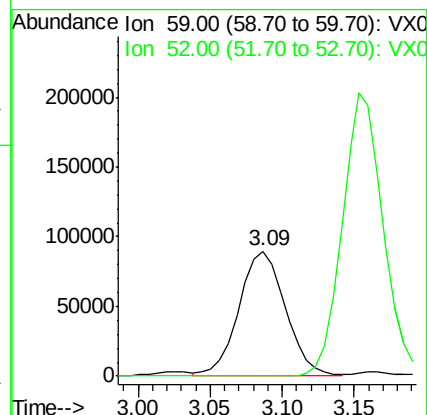
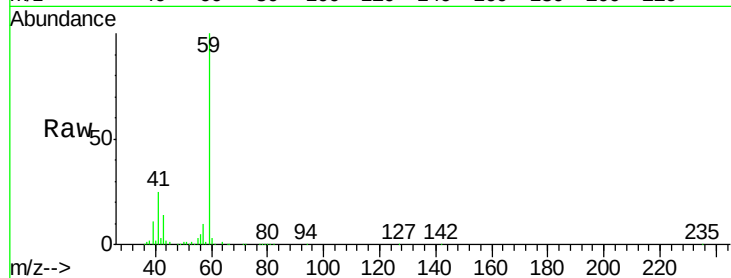
VSTDIC050

Tgt Ion: 59 Resp: 201595

Ion Ratio Lower Upper

59 100

52 0.3 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 50.41 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX001808.D

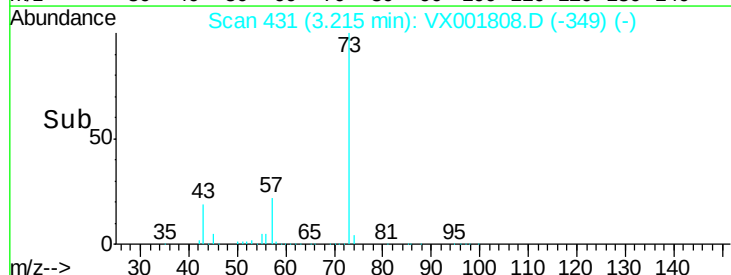
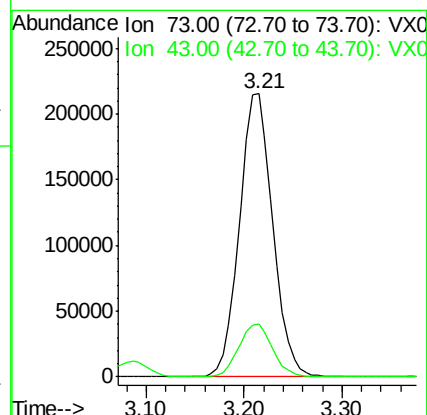
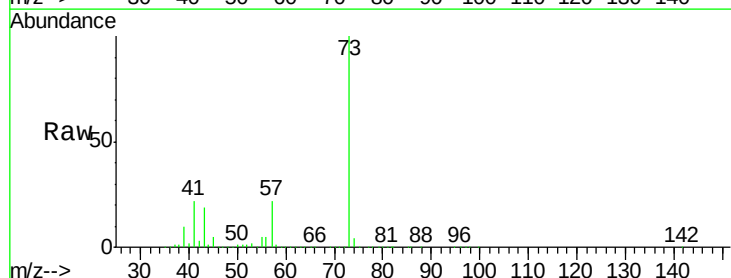
Acq: 18 May 2018 05:07

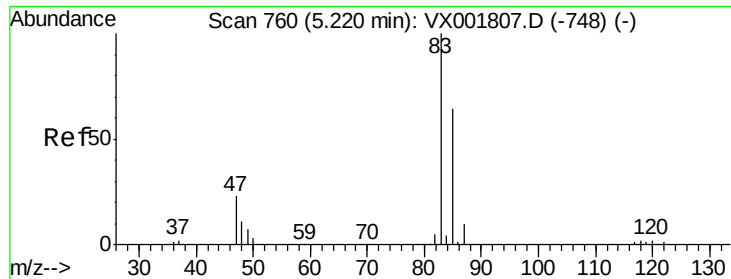
Tgt Ion: 73 Resp: 508174

Ion Ratio Lower Upper

73 100

43 18.8 15.2 22.8

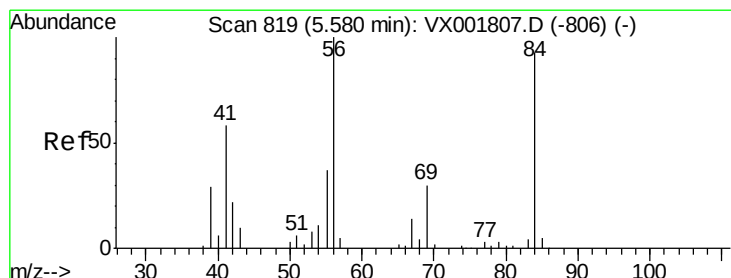
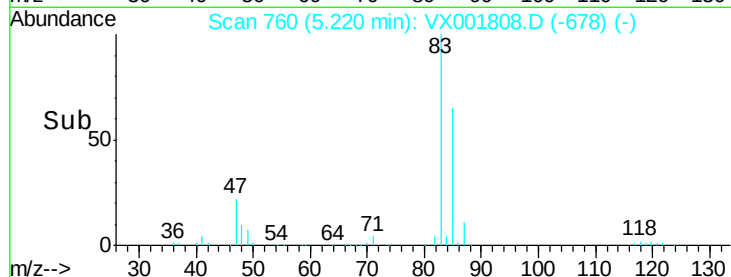
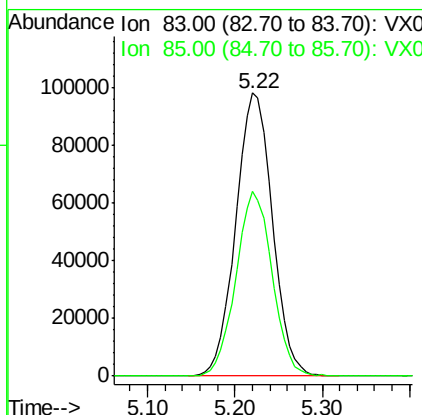
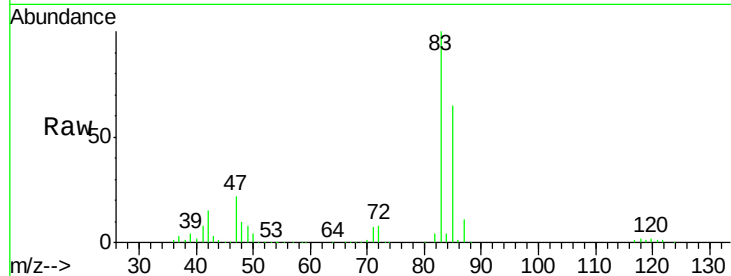




#25
Chloroform
Concen: 49.04 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX001808.D
Acq: 18 May 2018 05:07

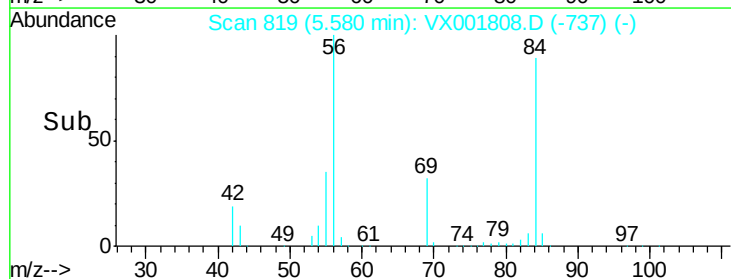
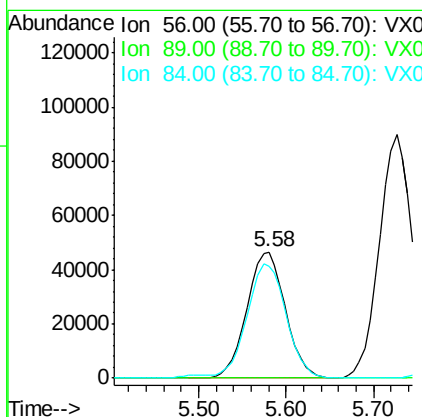
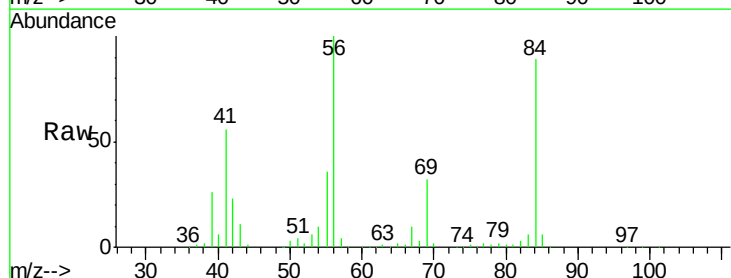
Instrument :
MSVOA_X
ClientSampled :
VSTDIC050

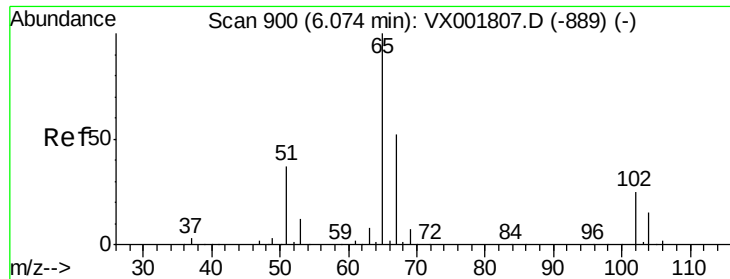
Tgt Ion: 83 Resp: 285689
Ion Ratio Lower Upper
83 100
85 65.4 51.6 77.4



#26
Cyclohexane
Concen: 36.61 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX001808.D
Acq: 18 May 2018 05:07

Tgt Ion: 56 Resp: 142534
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 91.9 73.8 110.8

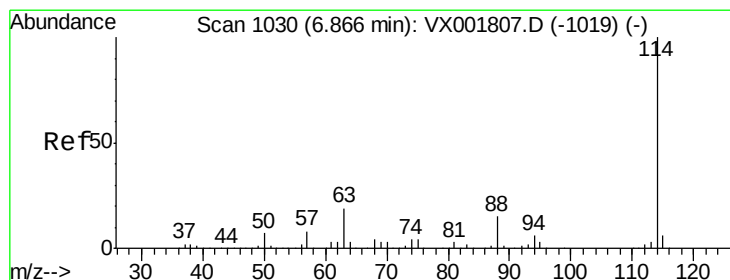
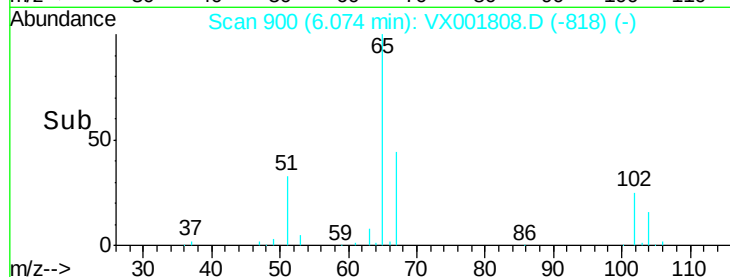
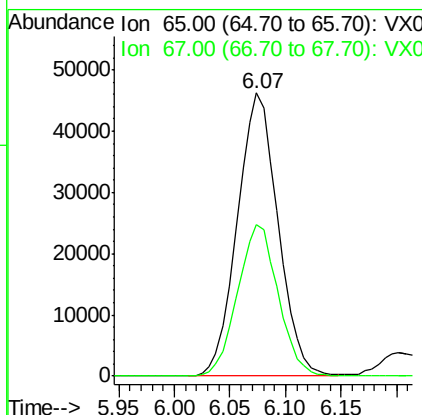
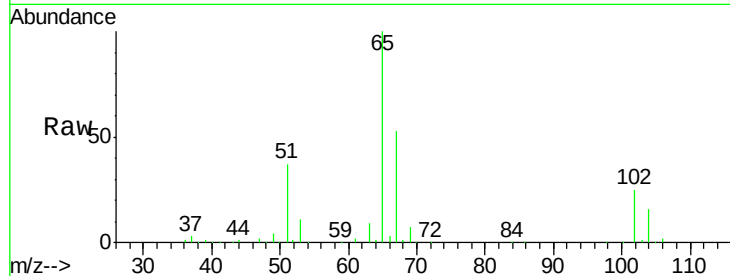




#27
 1,2-Dichloroethane-d4
 Concen: 27.02 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001808.D
 Acq: 18 May 2018 05:07

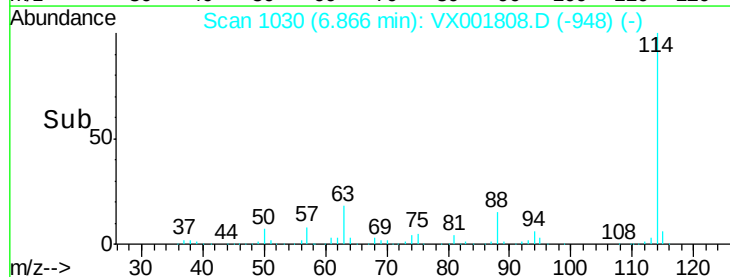
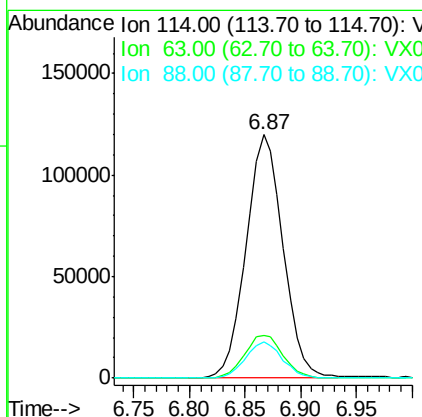
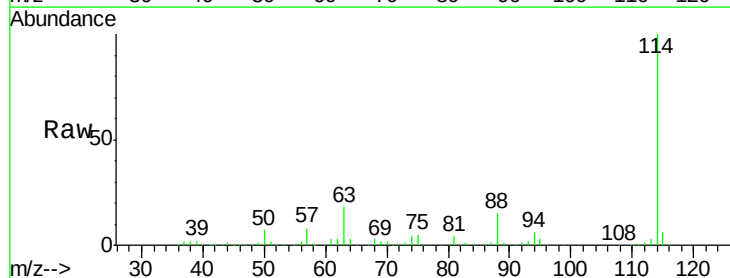
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

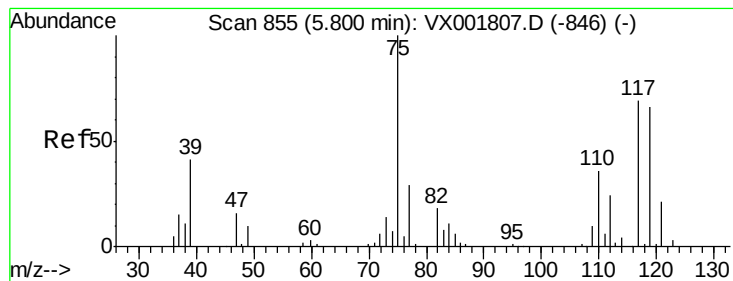
Tgt Ion: 65 Resp: 117382
 Ion Ratio Lower Upper
 65 100
 67 53.4 42.1 63.1



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001808.D
 Acq: 18 May 2018 05:07

Tgt Ion: 114 Resp: 277800
 Ion Ratio Lower Upper
 114 100
 63 18.4 14.9 22.3
 88 14.8 11.8 17.8





#29

1,1-Dichloropropene

Concen: 47.49 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

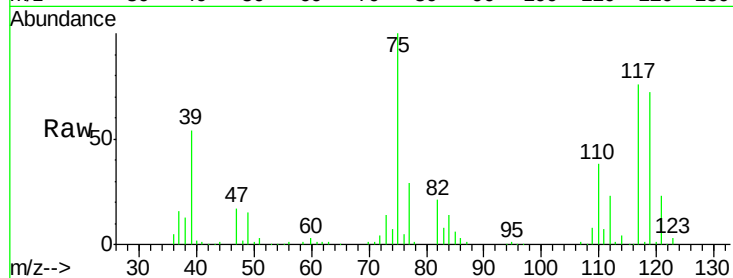
Tgt Ion: 75 Resp: 159341

Ion Ratio Lower Upper

75 100

110 38.5 0.0 75.2

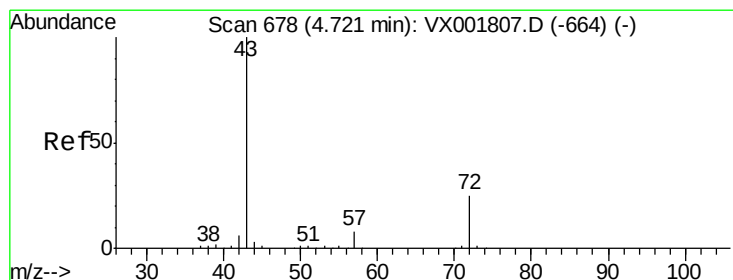
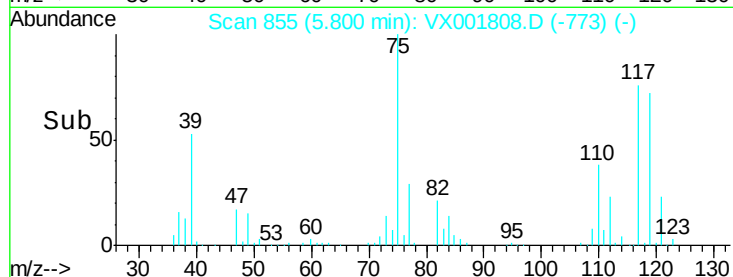
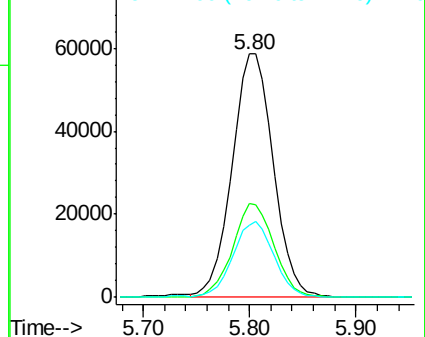
77 30.9 0.0 61.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 292.35 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

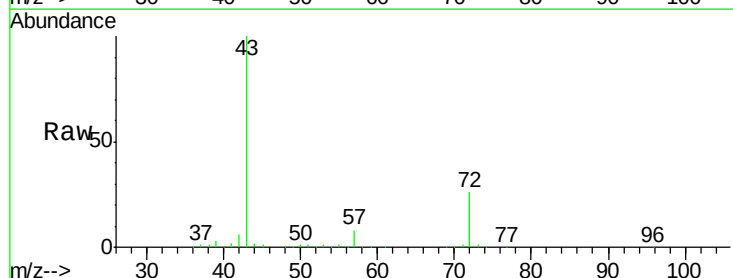
Tgt Ion: 43 Resp: 694570

Ion Ratio Lower Upper

43 100

57 7.9 6.4 9.6

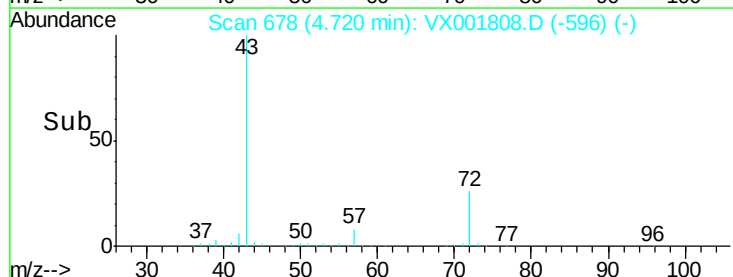
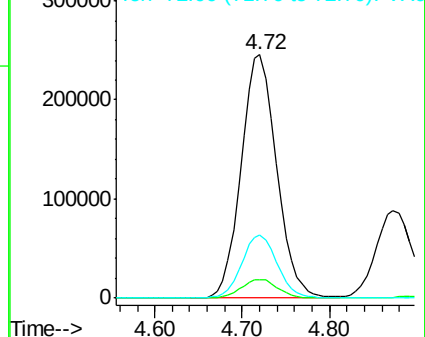
72 25.9 20.6 30.8

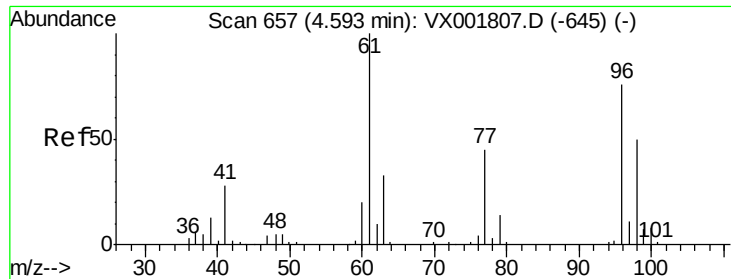


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

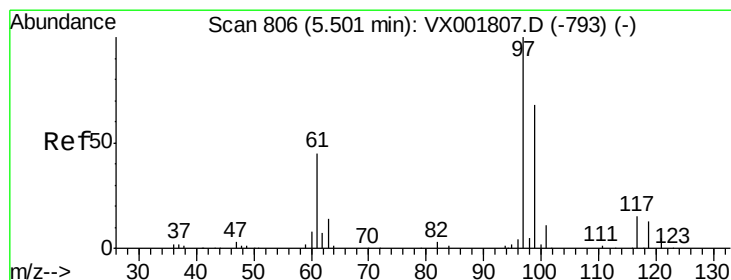
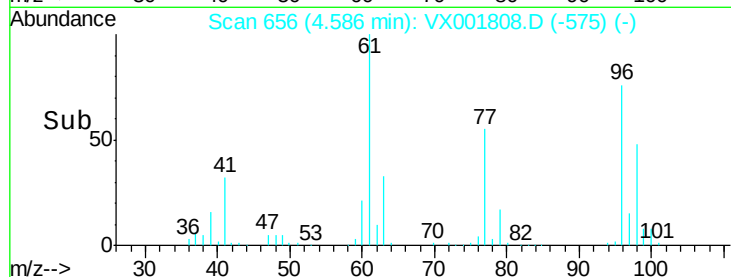
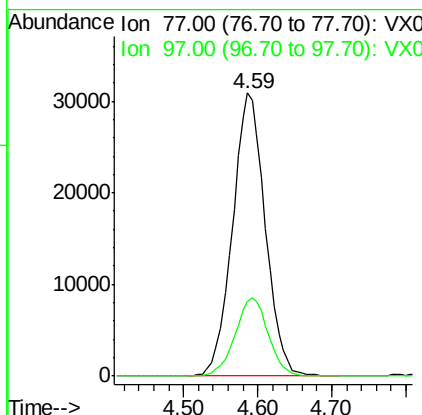
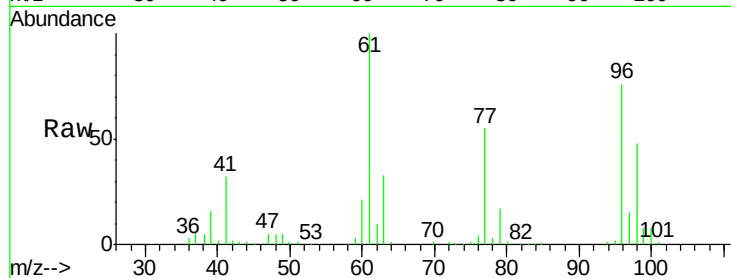




#31
 2,2-Dichloropropane
 Concen: 34.65 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VX001808.D
 Acq: 18 May 2018 05:07

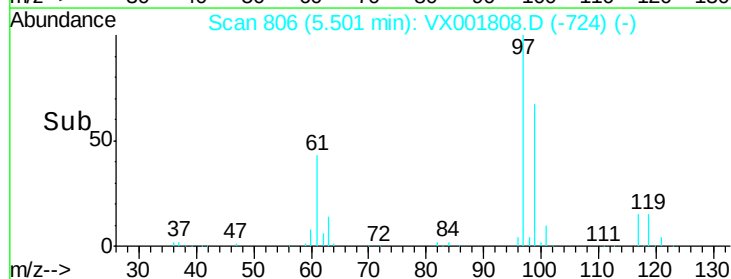
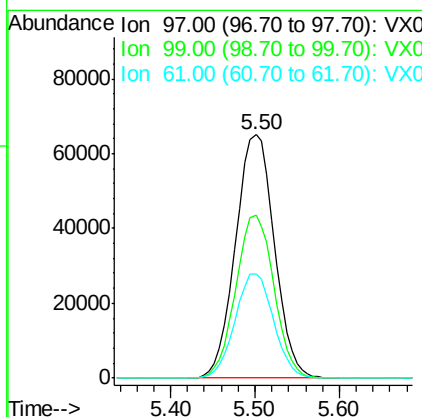
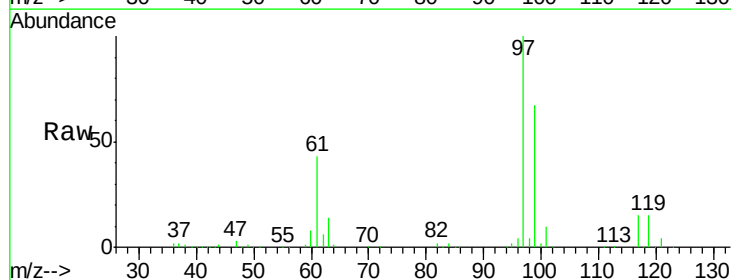
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

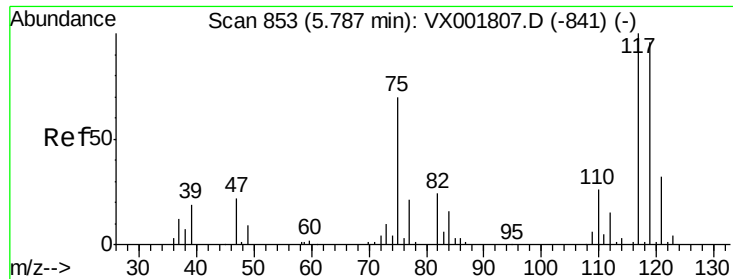
Tgt Ion: 77 Resp: 94794
 Ion Ratio Lower Upper
 77 100
 97 28.0 22.3 33.5



#32
 1,1,1-Trichloroethane
 Concen: 47.37 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX001808.D
 Acq: 18 May 2018 05:07

Tgt Ion: 97 Resp: 203323
 Ion Ratio Lower Upper
 97 100
 99 65.9 52.4 78.6
 61 42.6 34.6 51.8

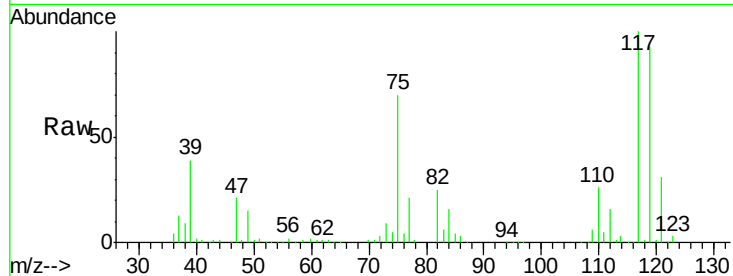




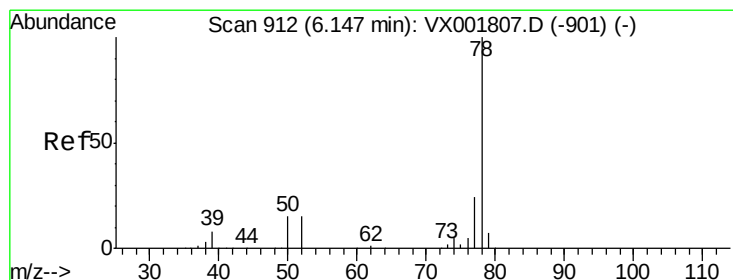
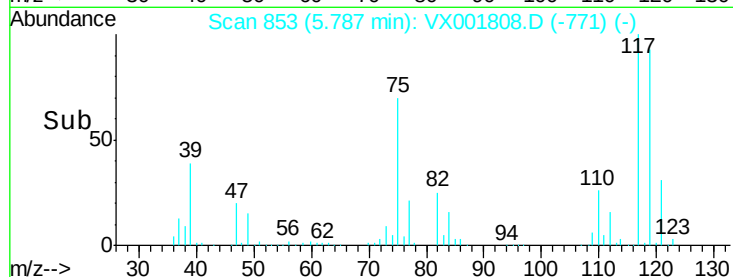
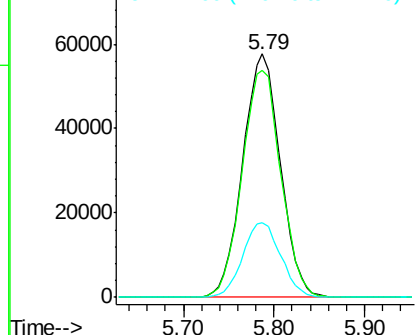
#33
Carbon Tetrachloride
Concen: 44.50 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001808.D
Acq: 18 May 2018 05:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:117 Resp: 165681
Ion Ratio Lower Upper
117 100
119 93.5 76.4 114.6
121 30.8 25.3 37.9

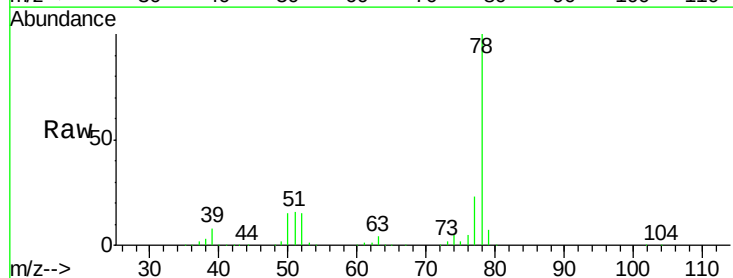


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

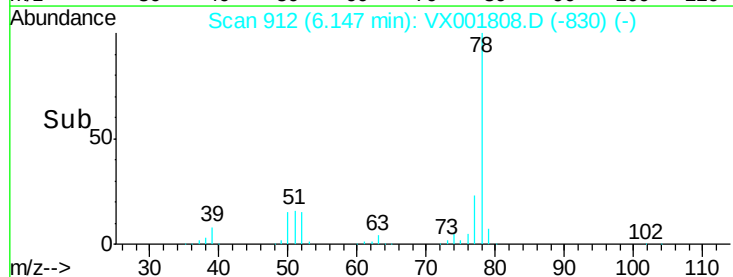
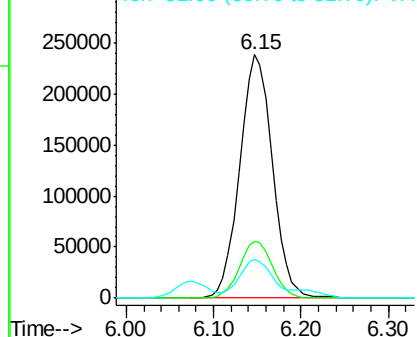


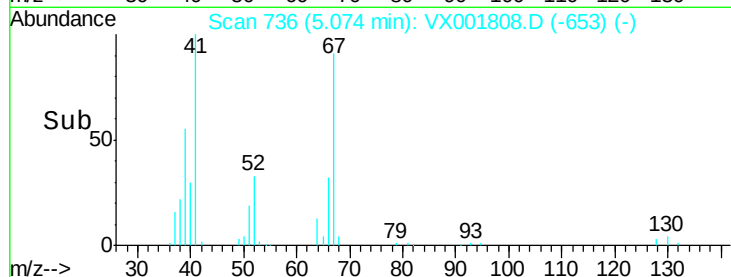
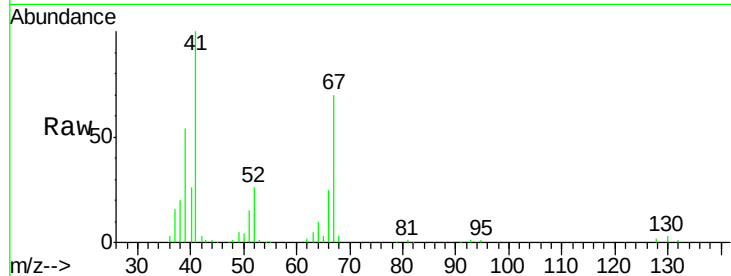
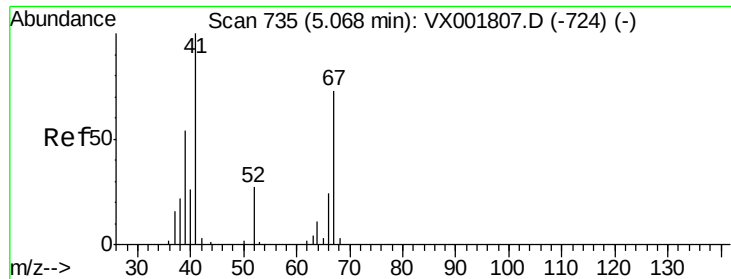
#34
Benzene
Concen: 55.08 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001808.D
Acq: 18 May 2018 05:07

Tgt Ion: 78 Resp: 619625
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0
51 15.6 13.2 19.8



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

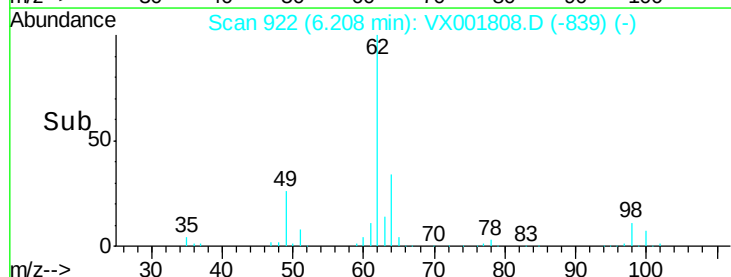
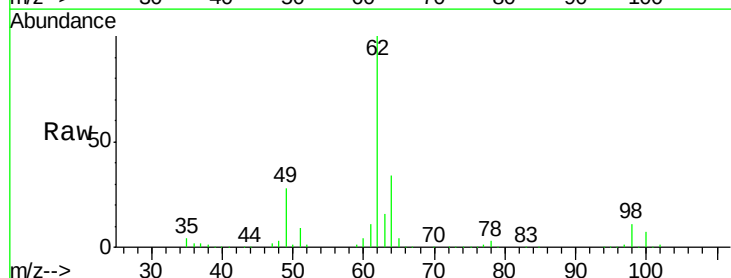
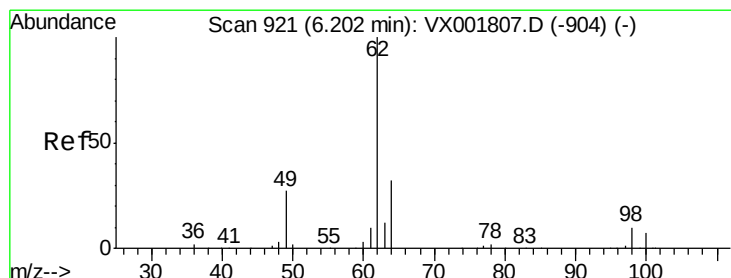
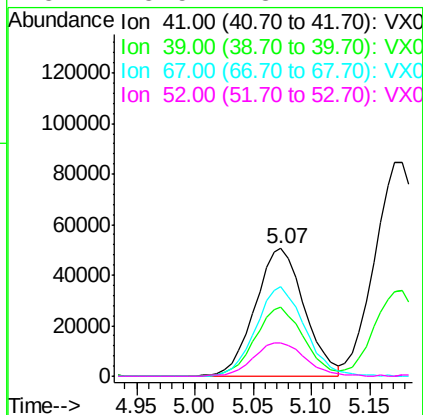




#35
Methacrylonitrile
Concen: 57.52 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001808.D
Acq: 18 May 2018 05:07

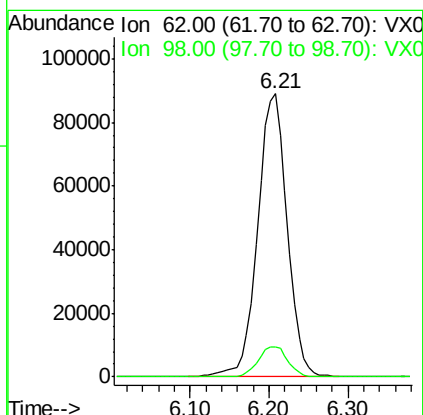
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

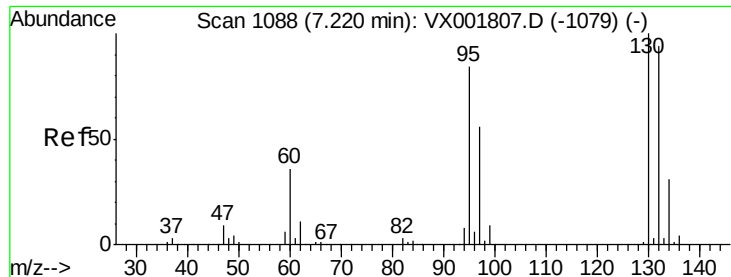
Tgt Ion:	41	Resp:	147545
Ion	Ratio	Lower	Upper
41	100		
39	53.7	26.9	80.6
67	70.2	36.8	110.3
52	25.5	13.7	41.1



#36
1,2-Dichloroethane
Concen: 52.18 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001808.D
Acq: 18 May 2018 05:07

Tgt Ion:	62	Resp:	231879
Ion	Ratio	Lower	Upper
62	100		
98	10.7	8.6	12.8





#37

Trichloroethene

Concen: 52.61 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

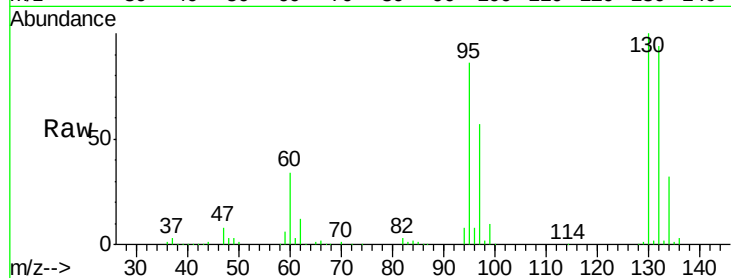
VSTDIC050

Tgt Ion:130 Resp: 170724

Ion Ratio Lower Upper

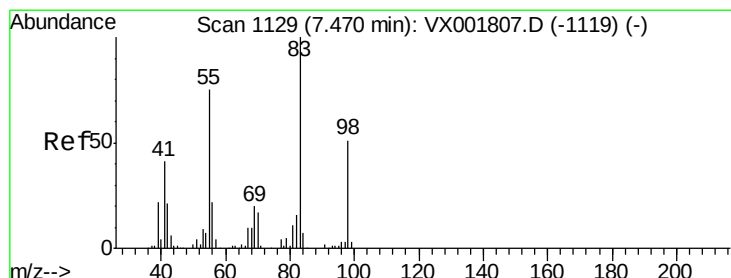
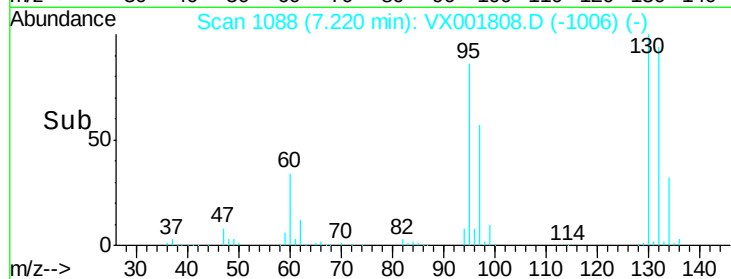
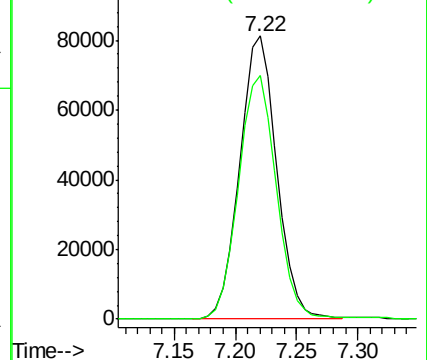
130 100

95 86.1 67.1 100.7



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 39.34 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

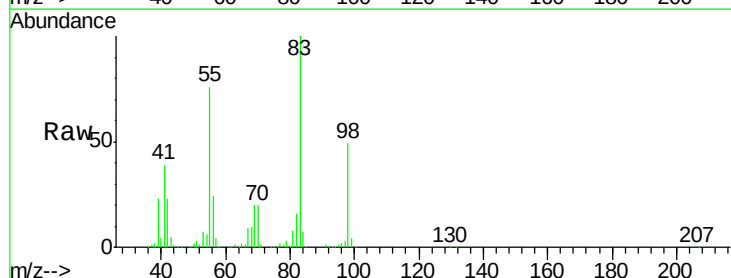
Tgt Ion: 83 Resp: 137699

Ion Ratio Lower Upper

83 100

55 75.5 40.0 119.9

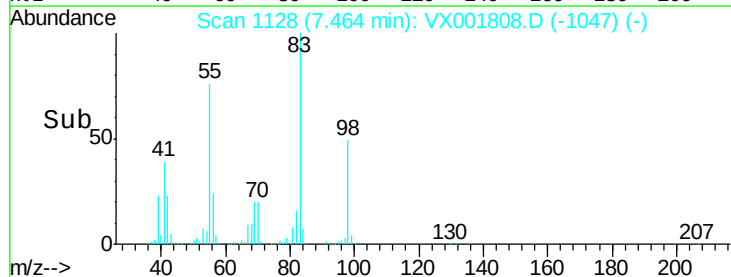
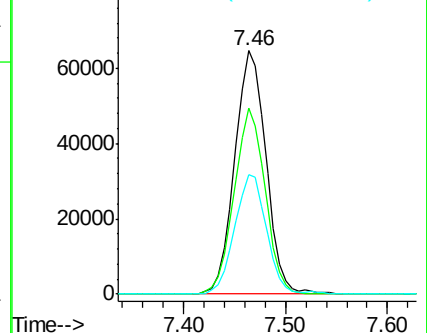
98 49.7 25.8 77.4

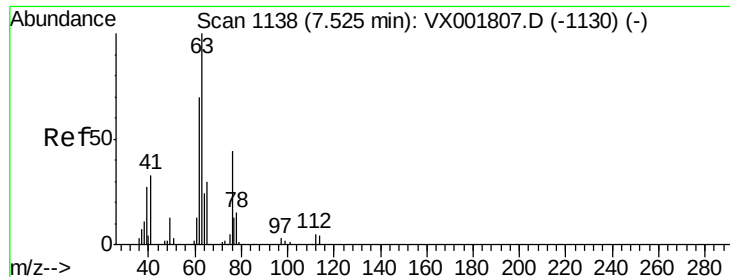


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 57.06 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

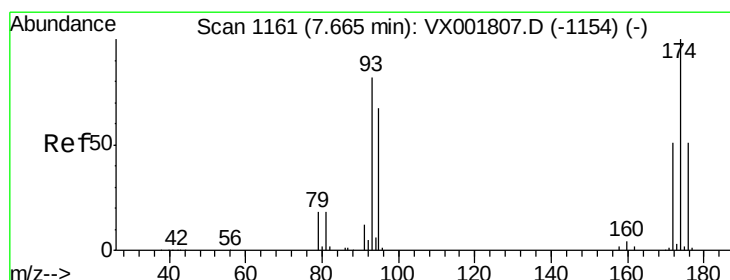
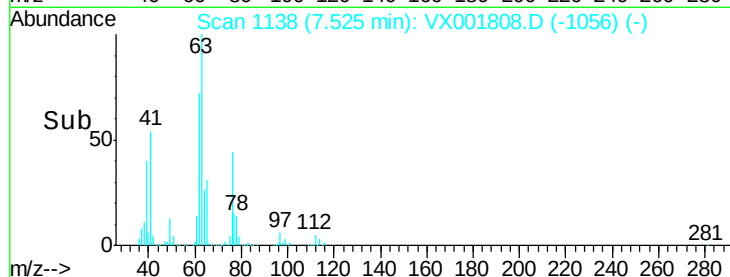
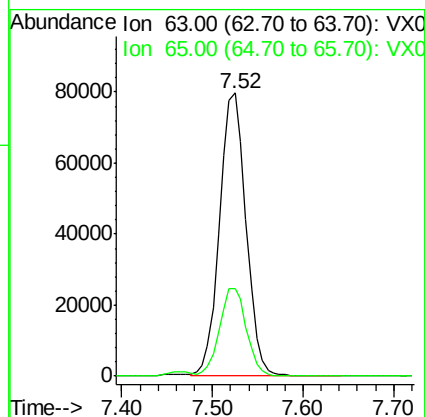
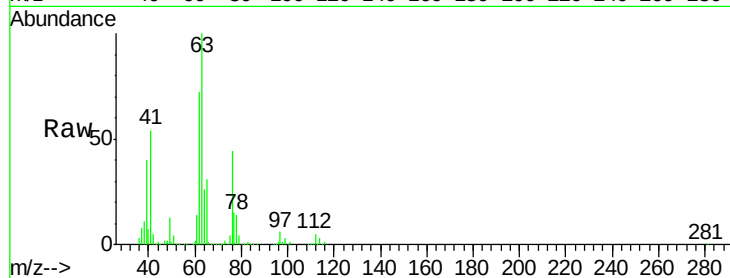
VSTDIC050

Tgt Ion: 63 Resp: 163037

Ion Ratio Lower Upper

63 100

65 31.1 25.0 37.4



#40

Dibromomethane

Concen: 56.59 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

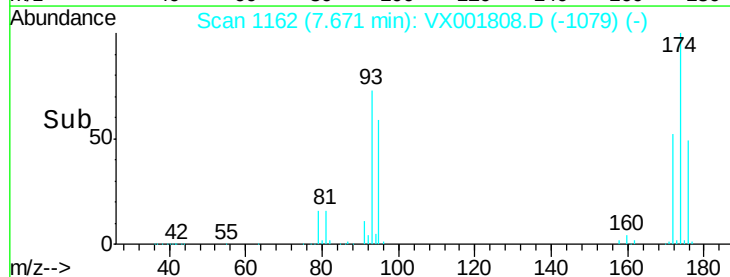
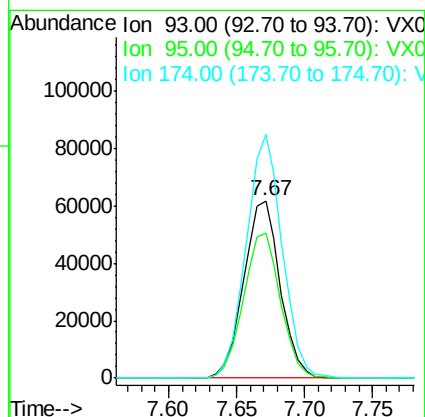
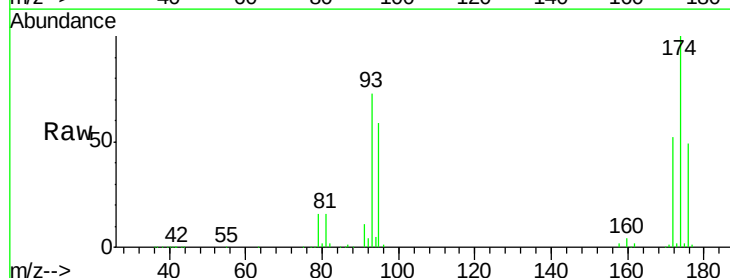
Tgt Ion: 93 Resp: 115933

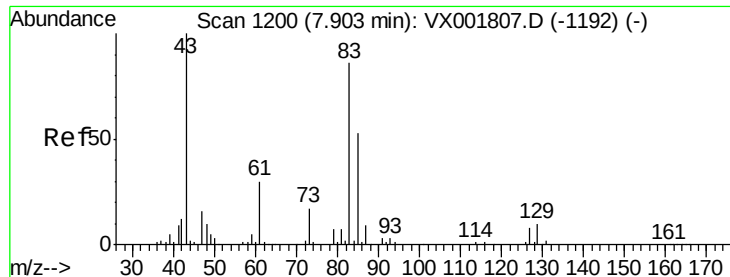
Ion Ratio Lower Upper

93 100

95 83.3 0.0 167.4

174 135.9 0.0 269.6





#41

Bromodichloromethane

Concen: 56.27 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

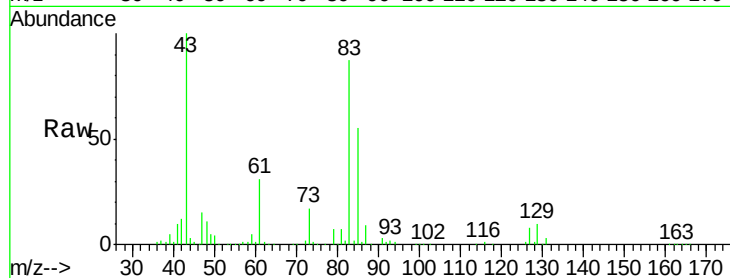
Tgt Ion: 83 Resp: 214451

Ion Ratio Lower Upper

83 100

85 63.5 49.6 74.4

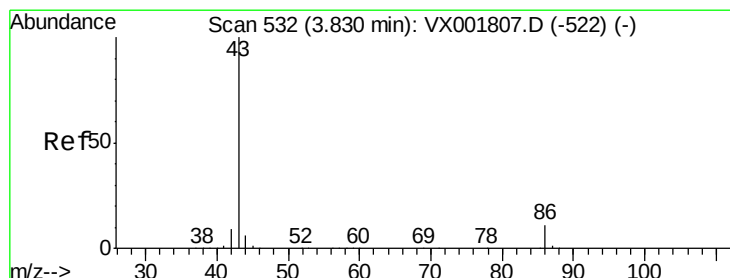
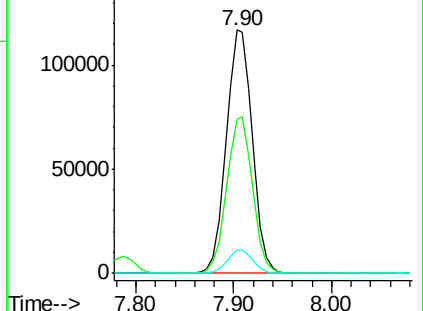
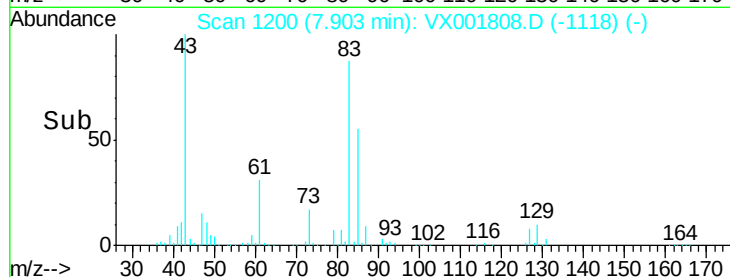
127 9.4 7.0 10.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 243.63 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001808.D

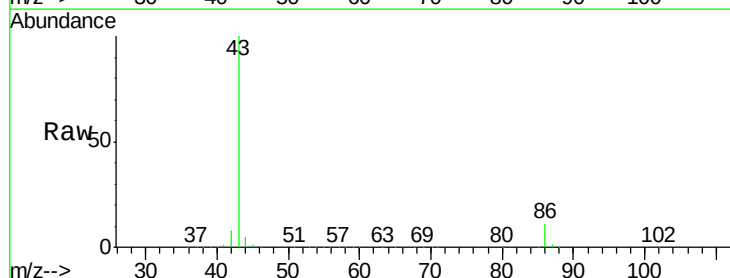
Acq: 18 May 2018 05:07

Tgt Ion: 43 Resp: 1814129

Ion Ratio Lower Upper

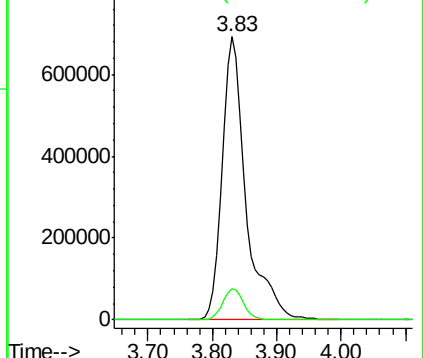
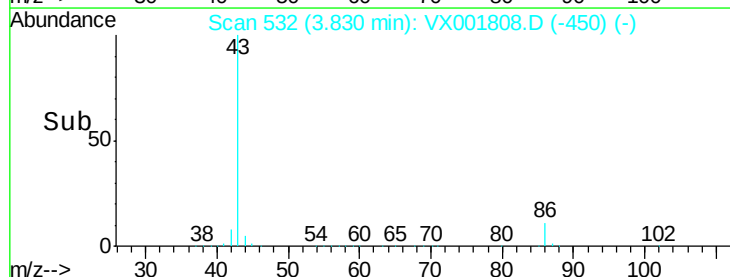
43 100

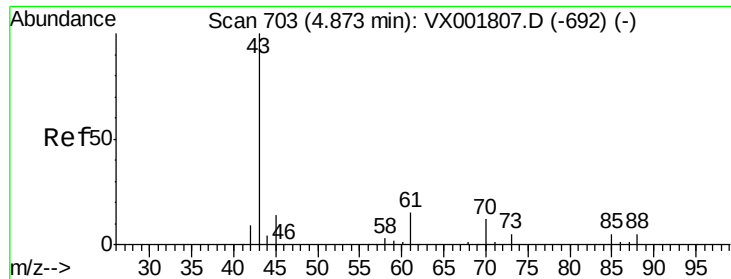
86 9.6 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

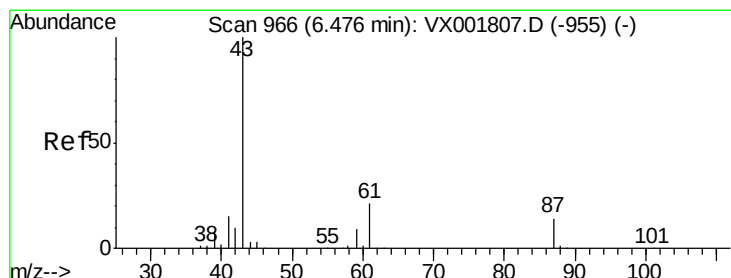
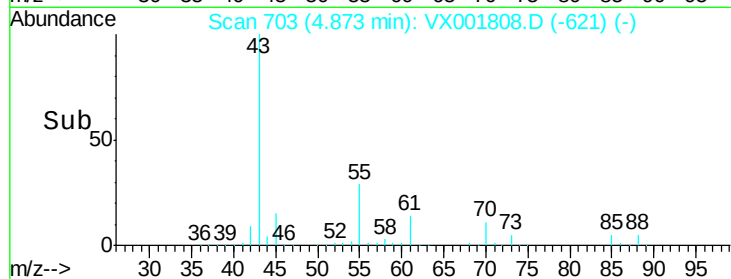
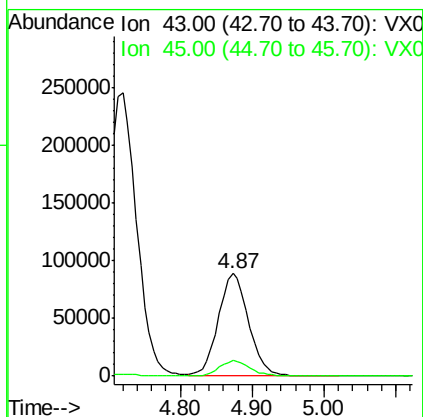
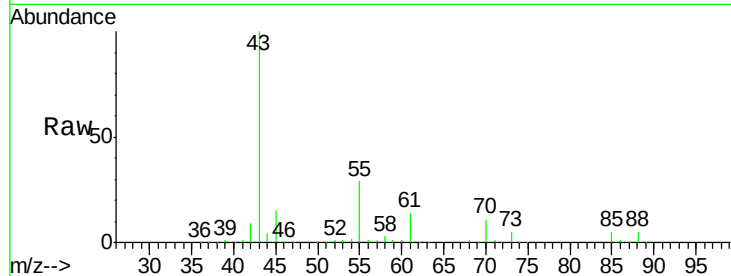




#43
Ethyl Acetate
Concen: 57.62 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001808.D
Acq: 18 May 2018 05:07

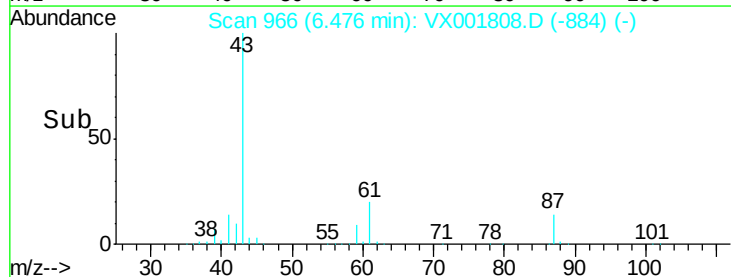
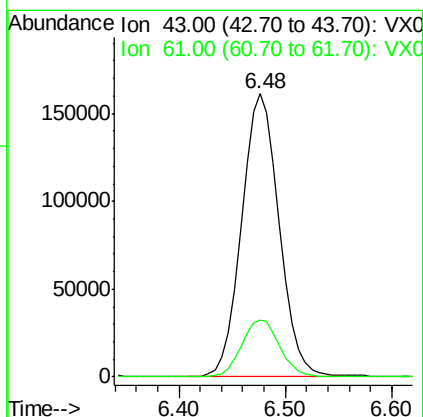
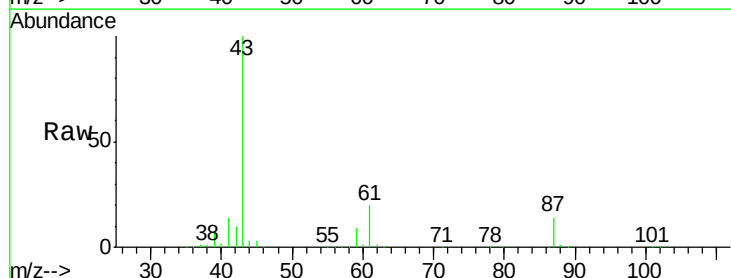
Instrument :
MSVOA_X
ClientSampled :
VSTDIC050

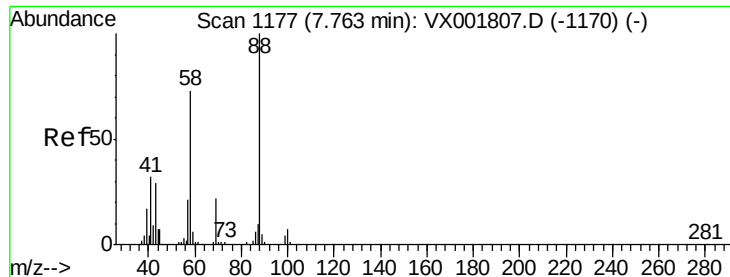
Tgt Ion: 43 Resp: 260677
Ion Ratio Lower Upper
43 100
45 14.8 11.8 17.6



#44
Isopropyl Acetate
Concen: 57.78 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX001808.D
Acq: 18 May 2018 05:07

Tgt Ion: 43 Resp: 398145
Ion Ratio Lower Upper
43 100
61 20.5 16.6 24.8

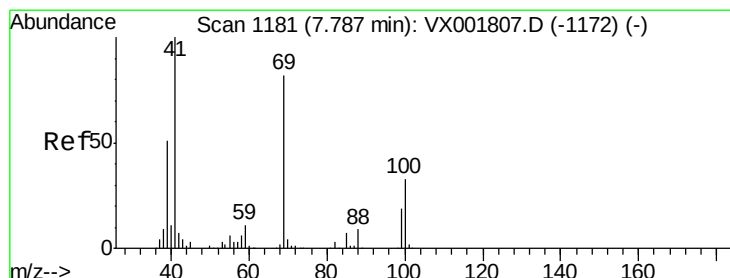
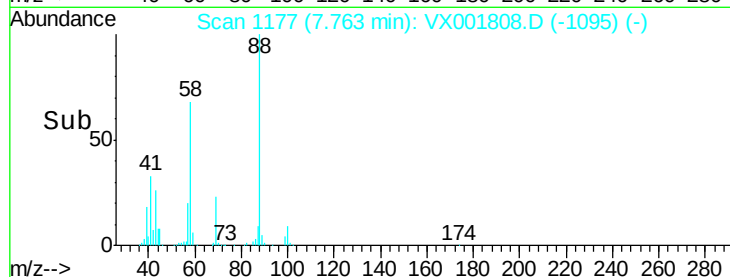
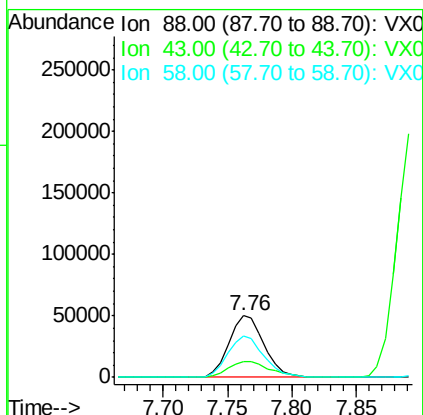
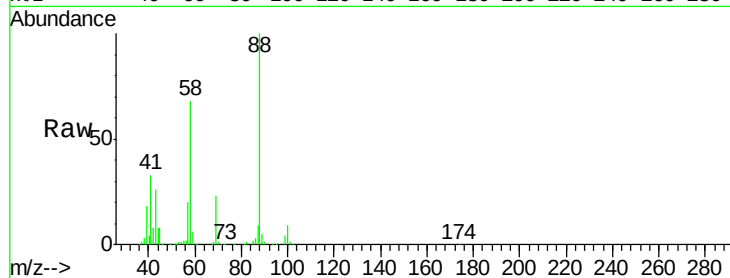




#45
 1,4-Dioxane
 Concen: 1175.59 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX001808.D
 Acq: 18 May 2018 05:07

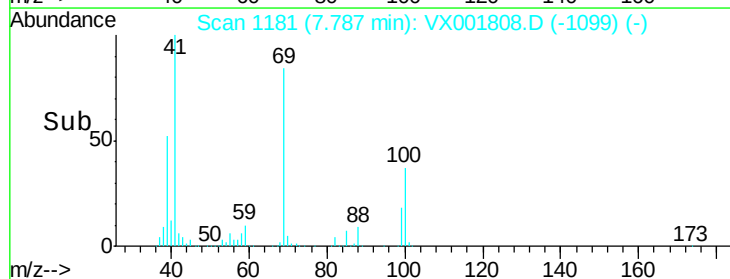
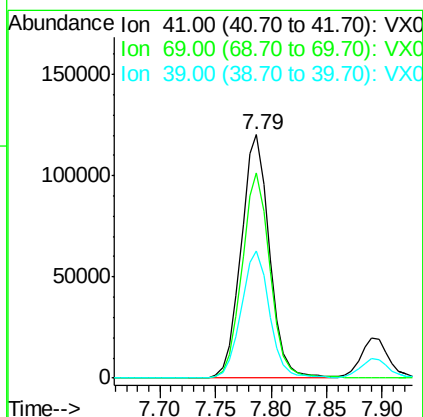
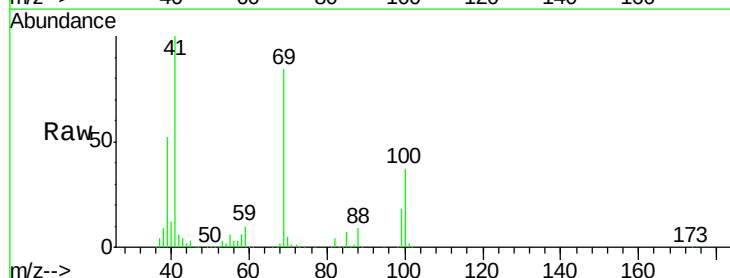
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC050

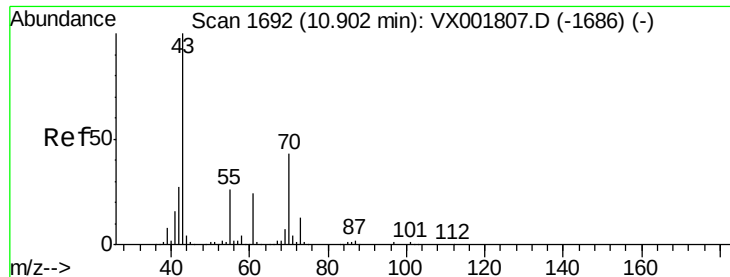
Tgt Ion: 88 Resp: 95050
 Ion Ratio Lower Upper
 88 100
 43 30.1 25.0 37.6
 58 69.0 56.9 85.3



#46
 Methyl methacrylate
 Concen: 57.32 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX001808.D
 Acq: 18 May 2018 05:07

Tgt Ion: 41 Resp: 211812
 Ion Ratio Lower Upper
 41 100
 69 84.5 40.9 122.7
 39 52.1 25.3 75.9





#47

n-amyI Acetate

Concen: 50.47 ug/l

RT: 10.91 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

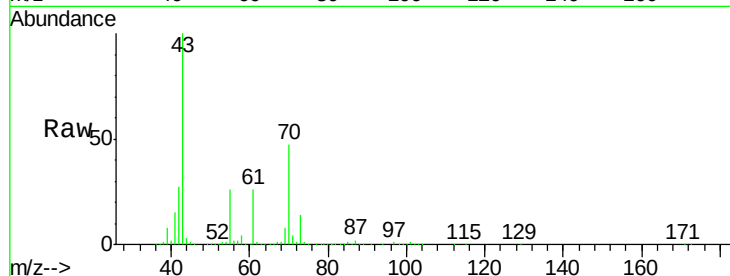
VSTDIC050

Tgt Ion: 43 Resp: 284703

Ion Ratio Lower Upper

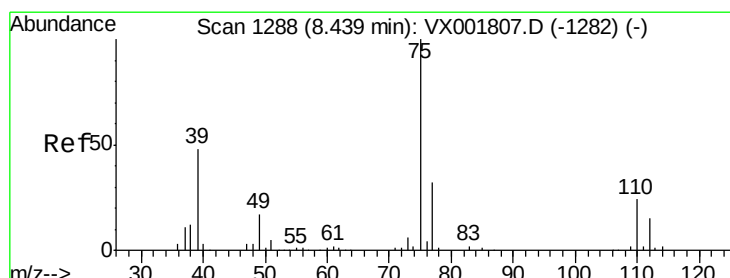
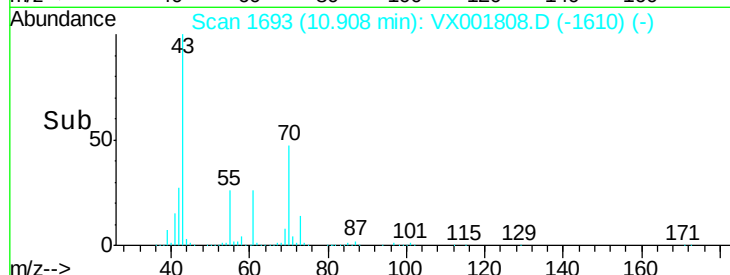
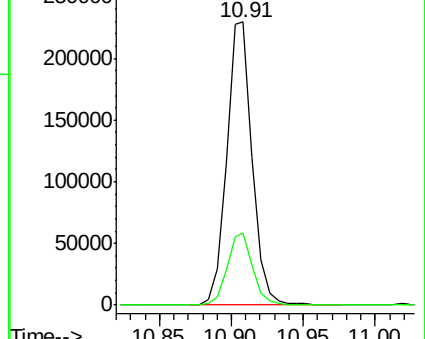
43 100

55 25.8 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 55.57 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VX001808.D

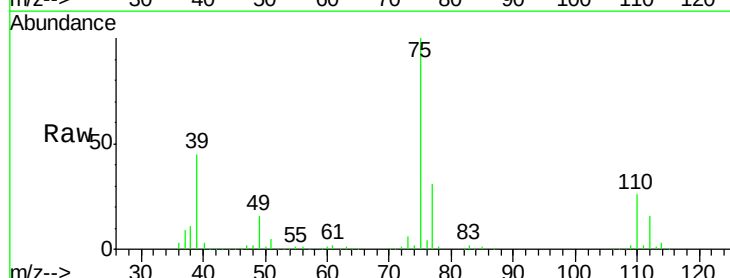
Acq: 18 May 2018 05:07

Tgt Ion: 75 Resp: 231962

Ion Ratio Lower Upper

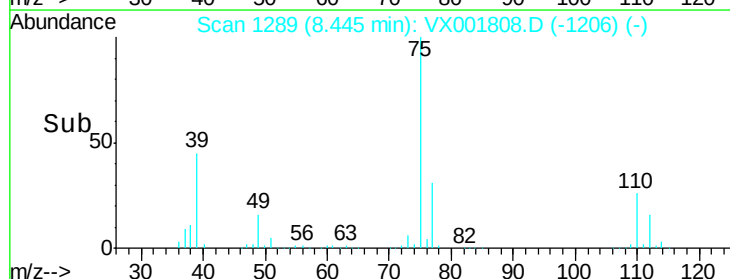
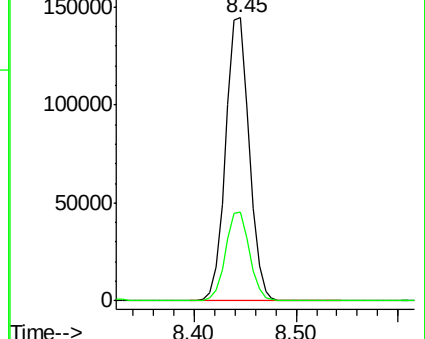
75 100

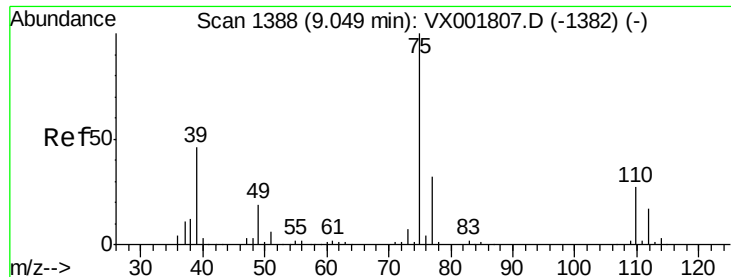
77 31.3 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

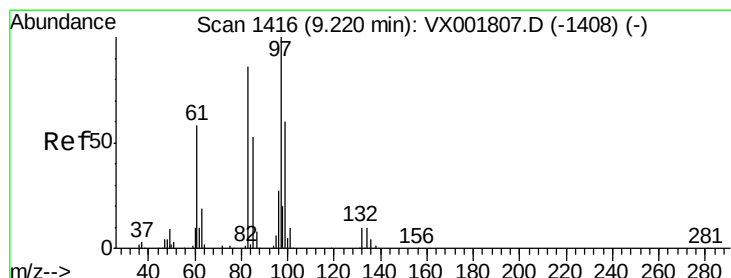
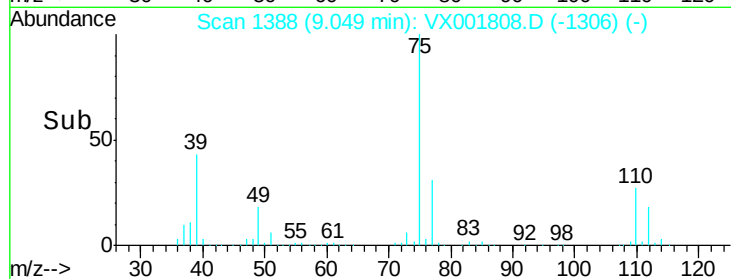
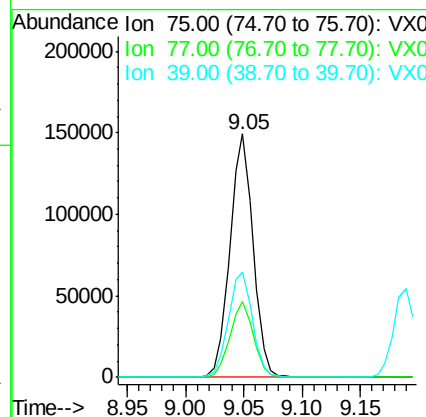
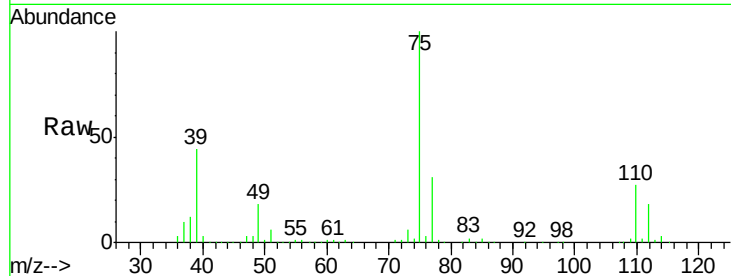




#49
 cis-1,3-Dichloropropene
 Concen: 55.65 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001808.D
 Acq: 18 May 2018 05:07

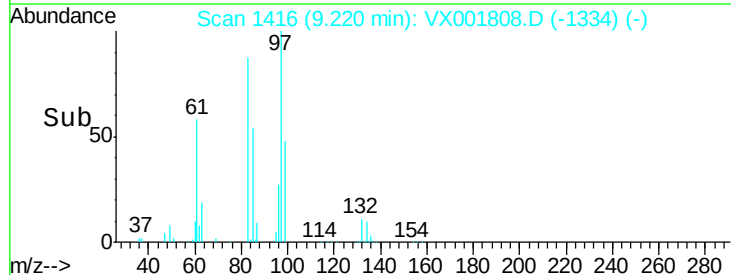
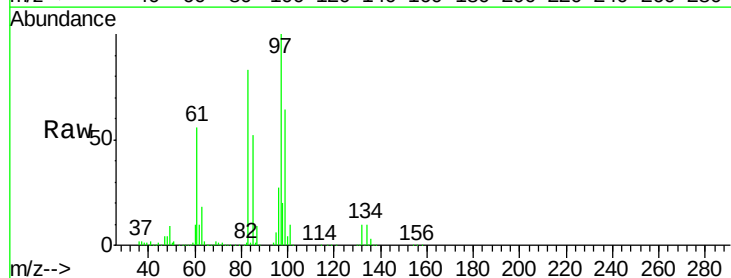
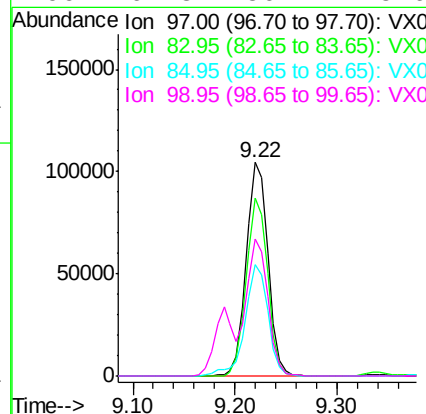
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

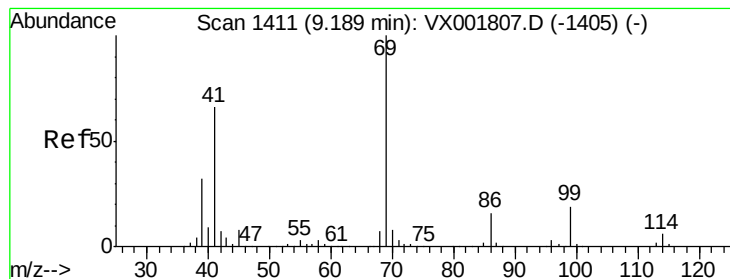
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.5	38.3
39	43.4	37.0	55.4



#50
 1,1,2-Trichloroethane
 Concen: 51.81 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001808.D
 Acq: 18 May 2018 05:07

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.5	68.6	103.0
85	52.3	42.5	63.7
99	64.3	50.4	75.6





#51

Ethyl methacrylate

Concen: 53.28 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

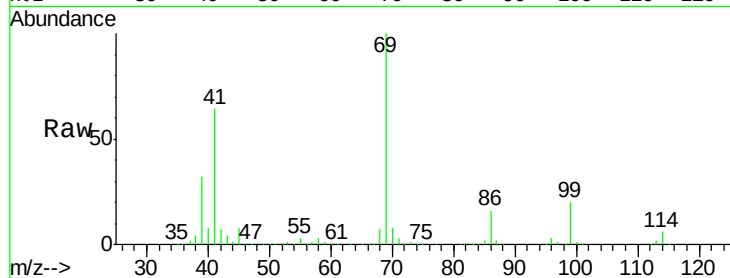
Tgt Ion: 69 Resp: 227882

Ion Ratio Lower Upper

69 100

41 64.0 32.9 98.7

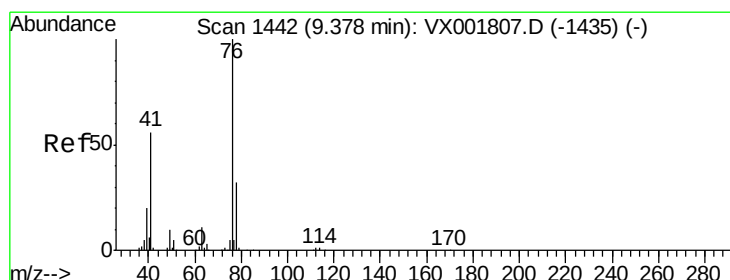
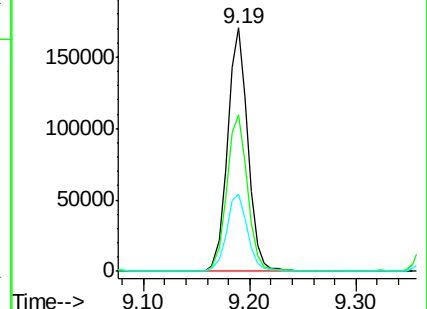
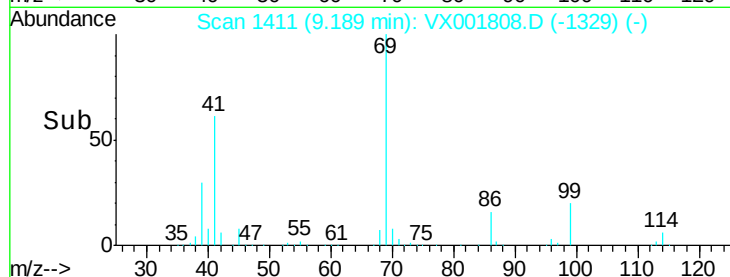
39 31.8 16.1 48.2



Abundance Ion 69.00 (68.70 to 69.70): VX001808.D (-1329) (-)

Ion 41.00 (40.70 to 41.70): VX001808.D (-1329) (-)

Ion 39.00 (38.70 to 39.70): VX001808.D (-1329) (-)



#52

1,3-Dichloropropane

Concen: 51.27 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001808.D

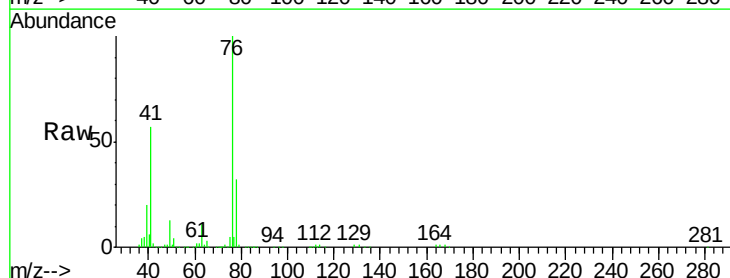
Acq: 18 May 2018 05:07

Tgt Ion: 76 Resp: 250039

Ion Ratio Lower Upper

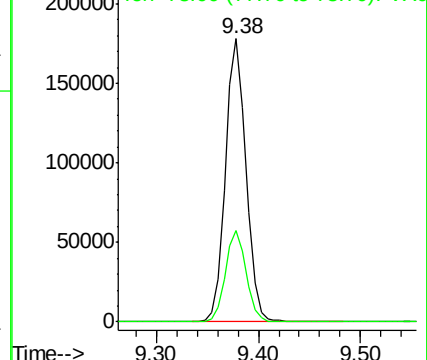
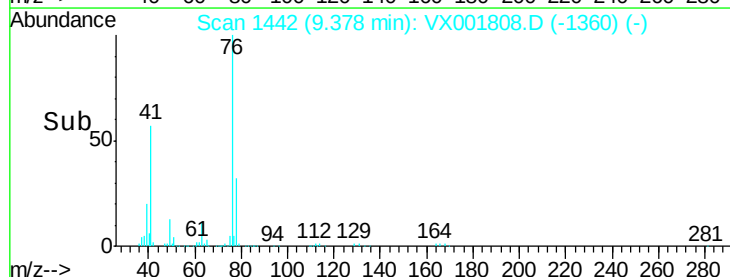
76 100

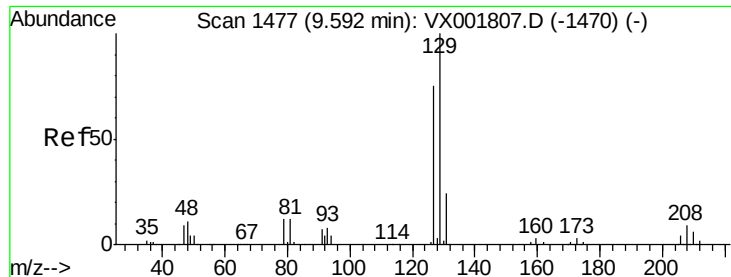
78 32.3 0.0 63.6



Abundance Ion 76.00 (75.70 to 76.70): VX001808.D (-1360) (-)

Ion 78.00 (77.70 to 78.70): VX001808.D (-1360) (-)

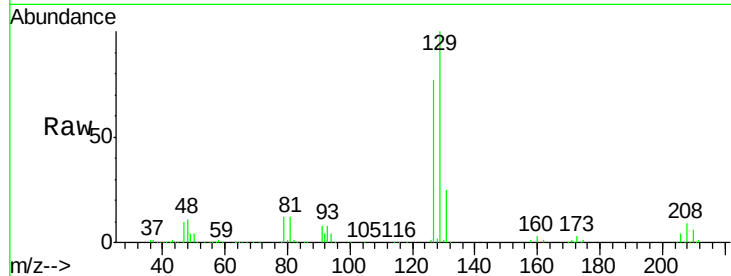




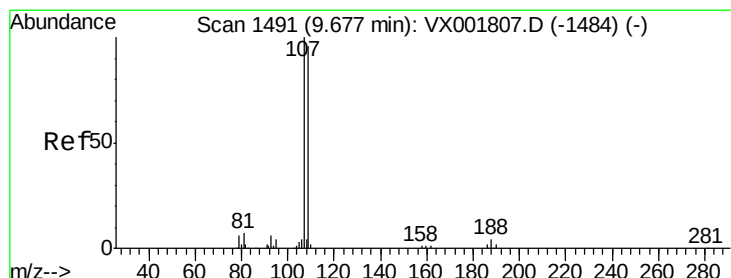
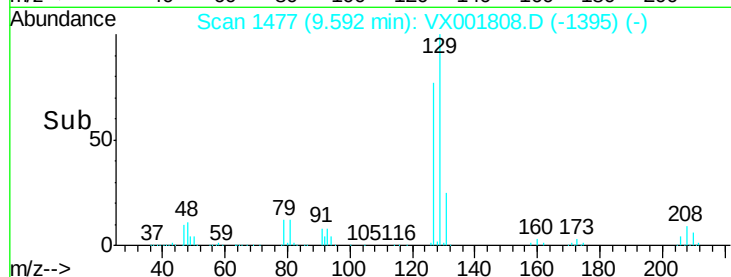
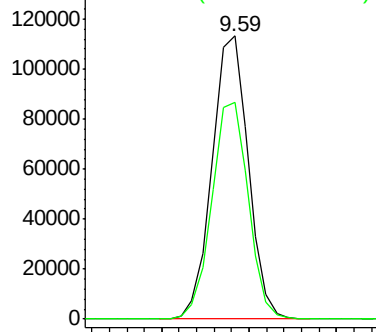
#53
 Dibromochloromethane
 Concen: 53.32 ug/l
 RT: 9.59 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: VX001808.D
 Acq: 18 May 2018 05:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tgt Ion:129 Resp: 163686
 Ion Ratio Lower Upper
 129 100
 127 77.1 38.7 116.1

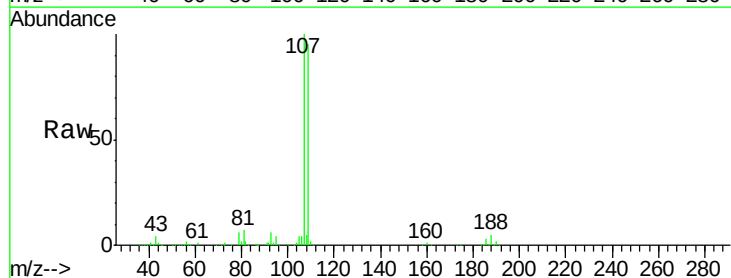


Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

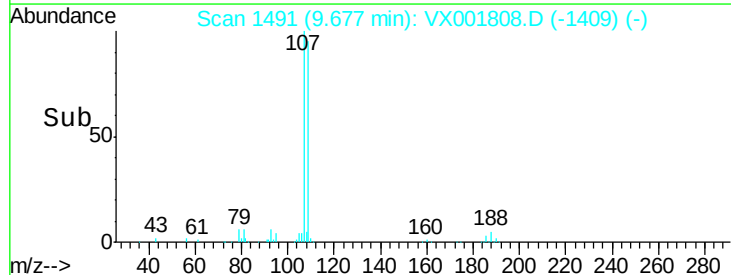
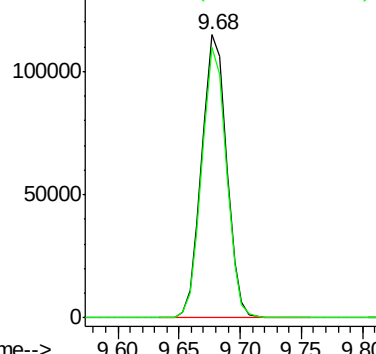


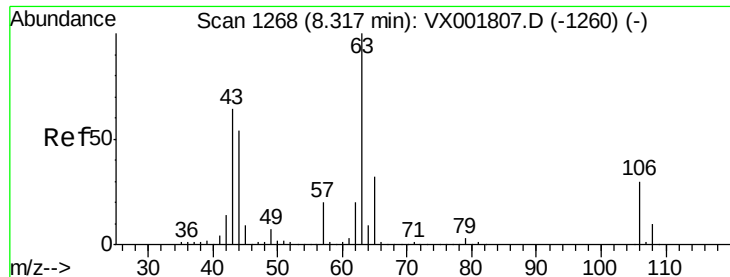
#54
 1,2-Dibromoethane
 Concen: 52.06 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX001808.D
 Acq: 18 May 2018 05:07

Tgt Ion:107 Resp: 161982
 Ion Ratio Lower Upper
 107 100
 109 93.8 76.3 114.5



Abundance Ion 107.00 (106.70 to 107.70): V
 Ion 109.00 (108.70 to 109.70): V

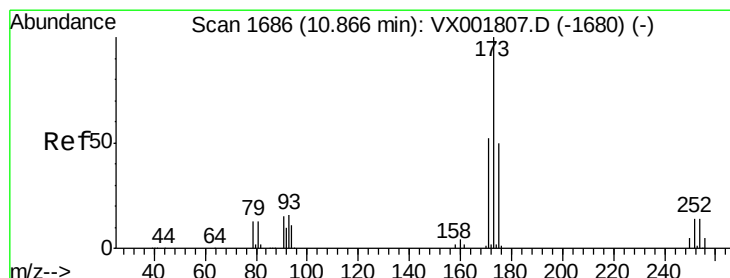
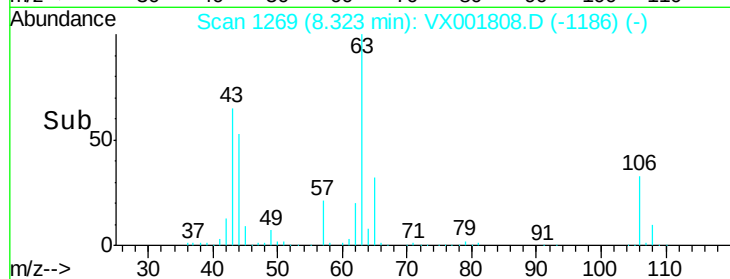
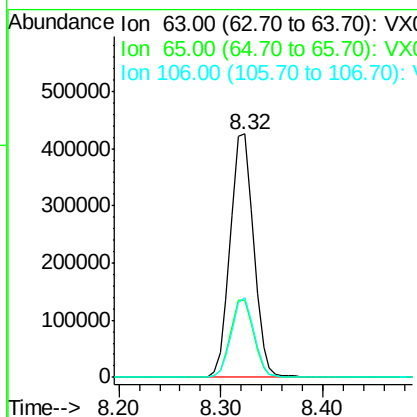
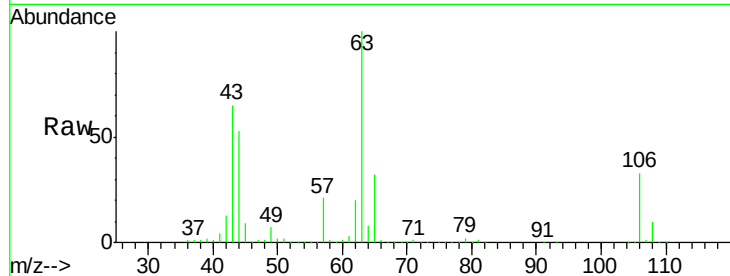




#55
 2-Chloroethyl vinyl ether
 Concen: 290.12 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VX001808.D
 Acq: 18 May 2018 05:07

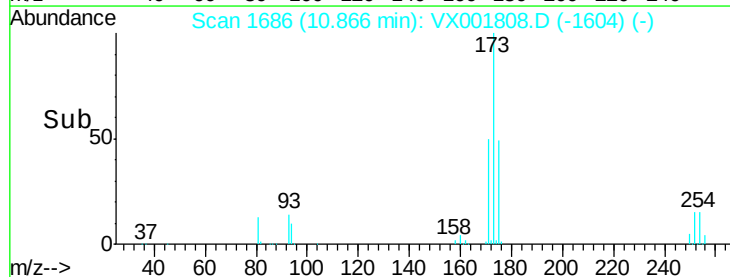
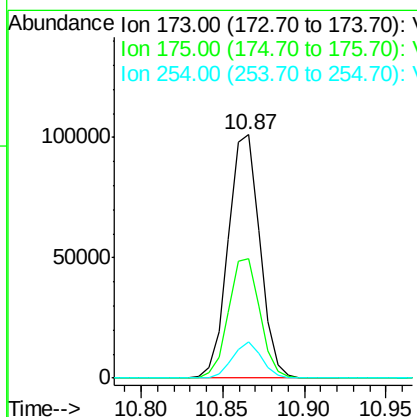
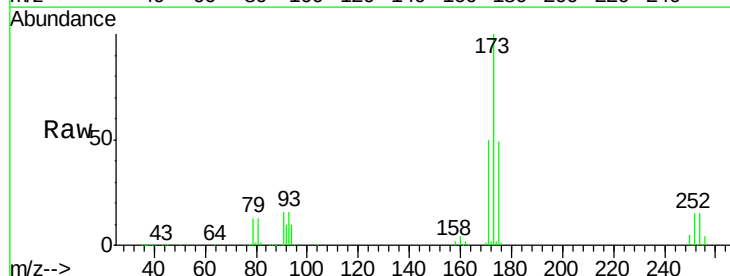
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC050

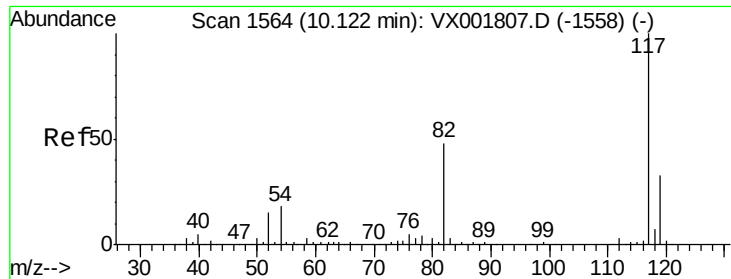
Tgt Ion: 63 Resp: 674657
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.4 38.2
 106 31.7 24.9 37.3



#56
 Bromoform
 Concen: 54.05 ug/l
 RT: 10.87 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VX001808.D
 Acq: 18 May 2018 05:07

Tgt Ion: 173 Resp: 136612
 Ion Ratio Lower Upper
 173 100
 175 48.6 38.8 58.2
 254 13.8 10.7 16.1

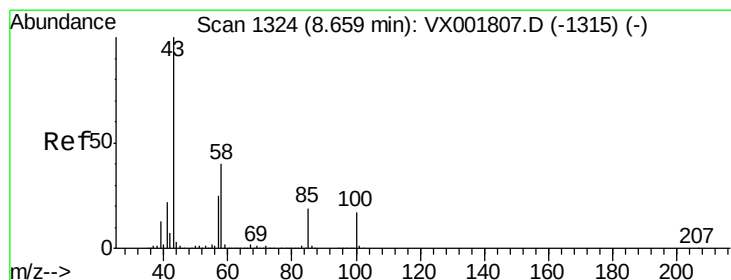
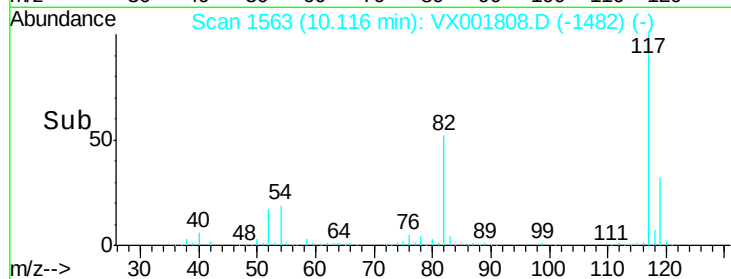
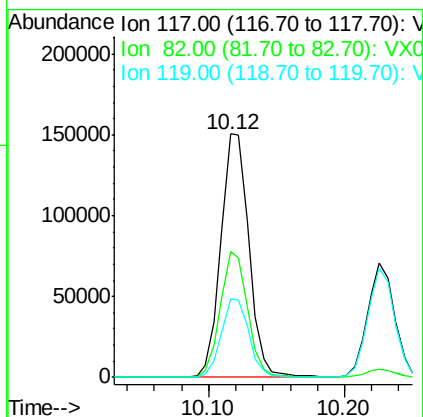
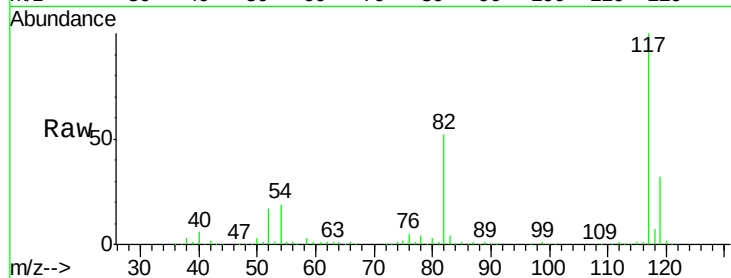




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001808.D
Acq: 18 May 2018 05:07

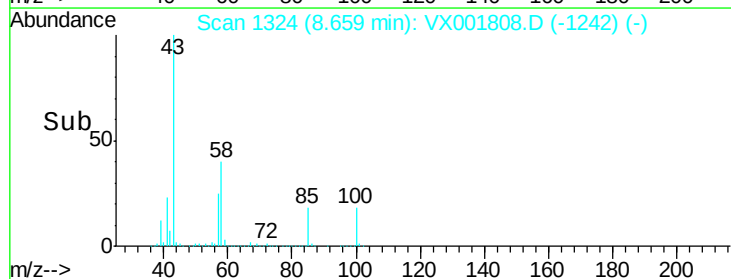
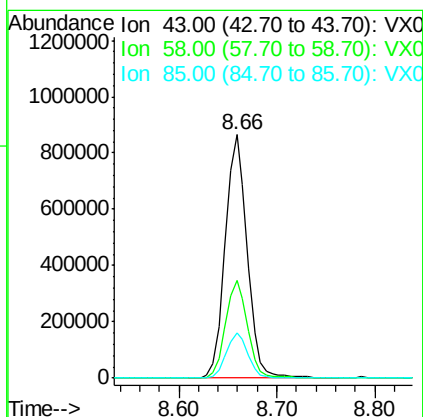
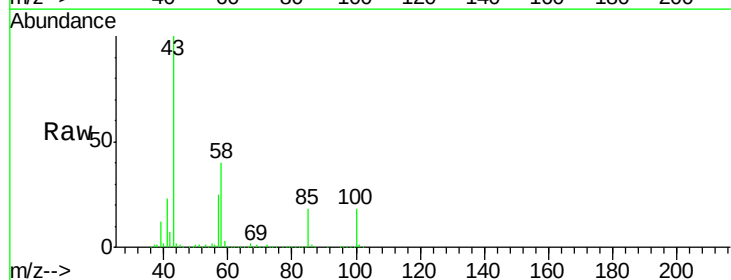
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

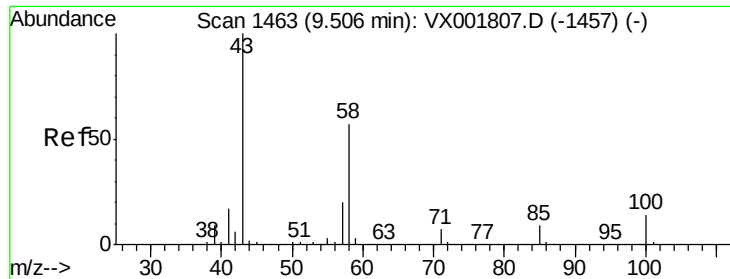
Tgt Ion: 117 Resp: 216457
Ion Ratio Lower Upper
117 100
82 50.2 40.1 60.1
119 31.8 26.0 39.0



#58
4-Methyl-2-Pentanone
Concen: 324.10 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001808.D
Acq: 18 May 2018 05:07

Tgt Ion: 43 Resp: 1345588
Ion Ratio Lower Upper
43 100
58 40.4 31.3 46.9
85 18.5 14.5 21.7





#59

2-Hexanone

Concen: 292.44 ug/l

RT: 9.51 min Scan# 1463

Delta R.T. -0.00 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

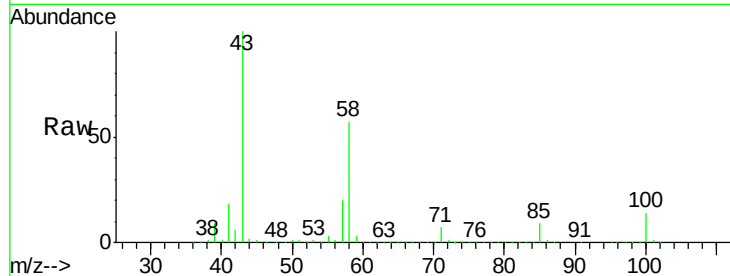
Tgt Ion: 43 Resp: 879139

Ion Ratio Lower Upper

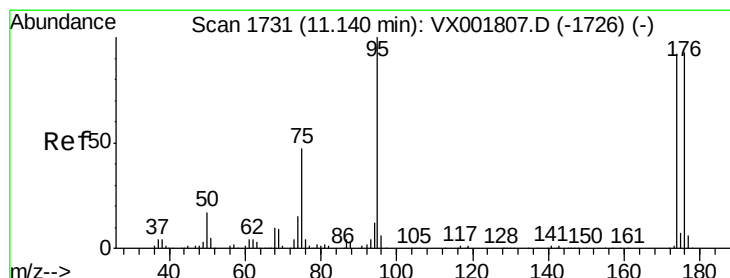
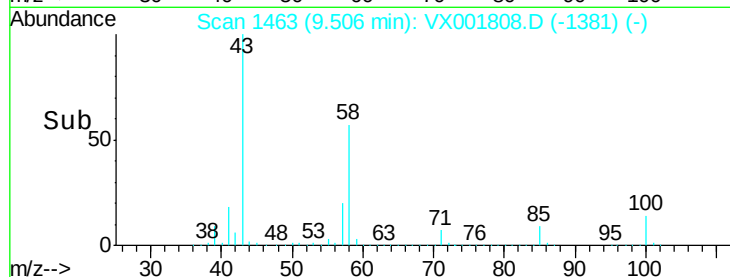
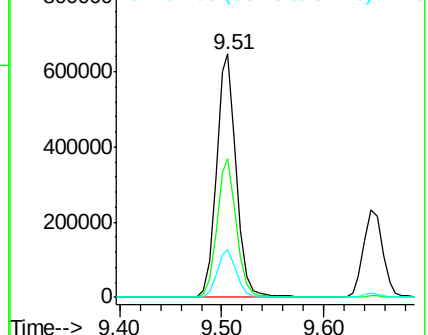
43 100

58 55.9 44.6 66.8

57 19.2 15.5 23.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0



#60

4-Bromofluorobenzene

Concen: 28.63 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

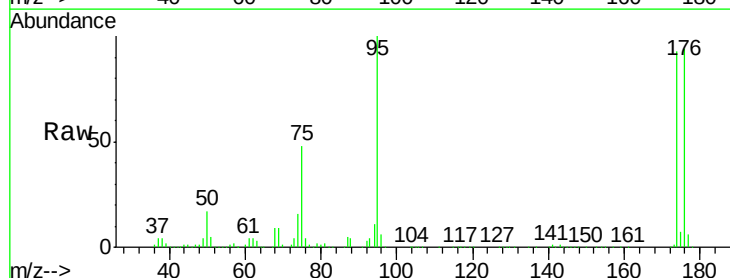
Tgt Ion: 95 Resp: 96735

Ion Ratio Lower Upper

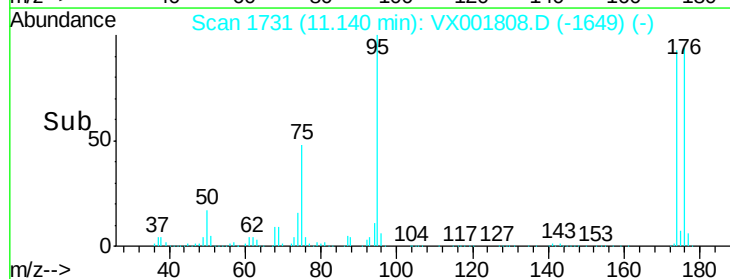
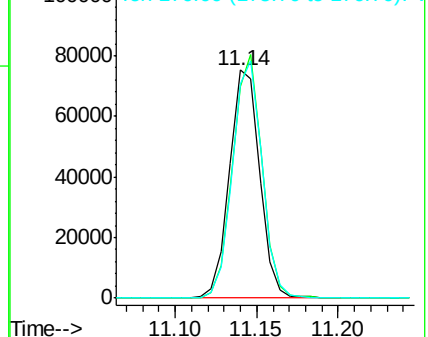
95 100

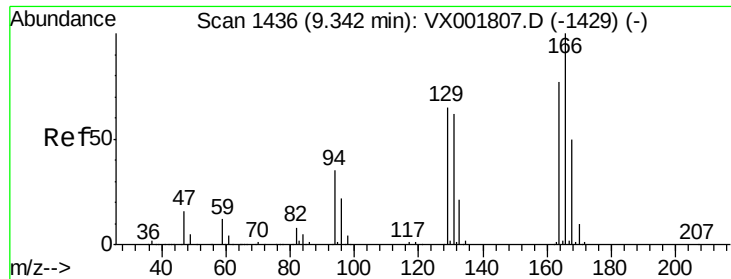
174 103.3 82.0 123.0

176 102.0 80.6 120.8



Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

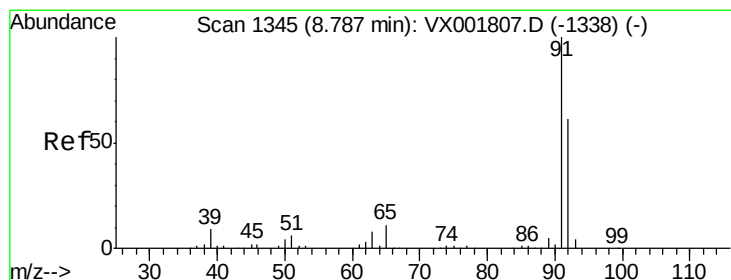
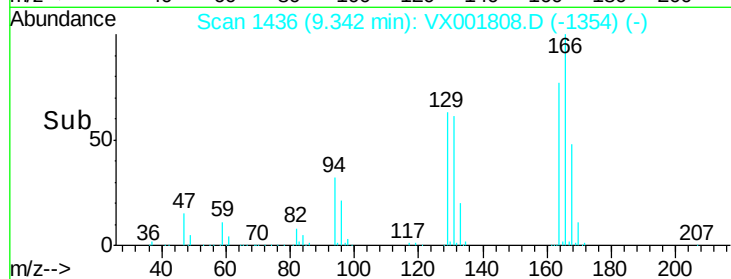
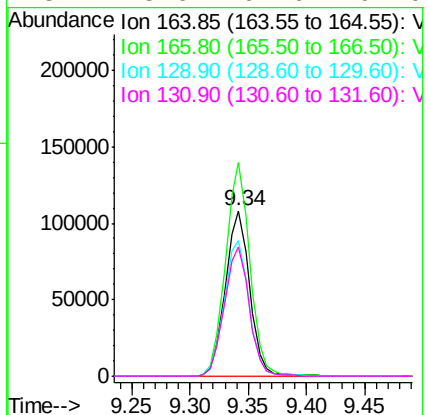
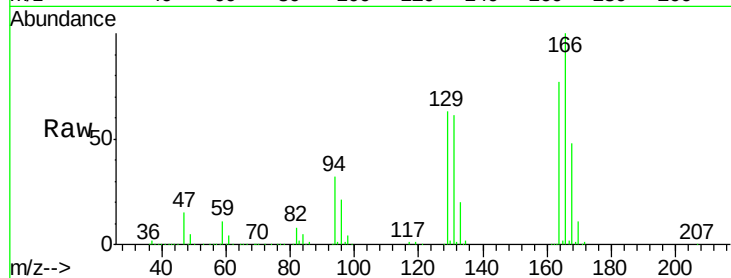




#61
 Tetrachloroethene
 Concen: 51.10 ug/l
 RT: 9.34 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: VX001808.D
 Acq: 18 May 2018 05:07

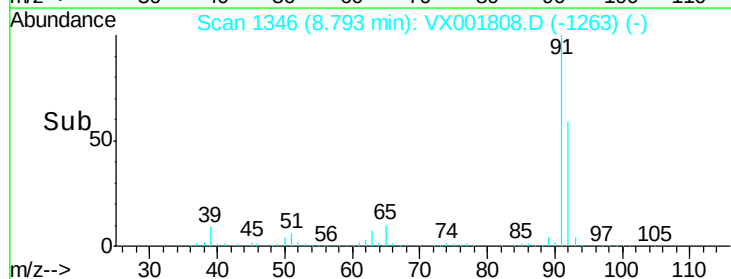
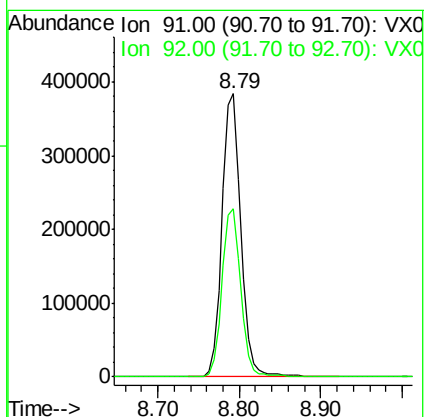
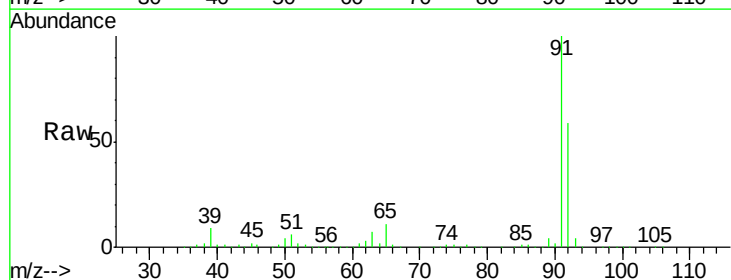
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

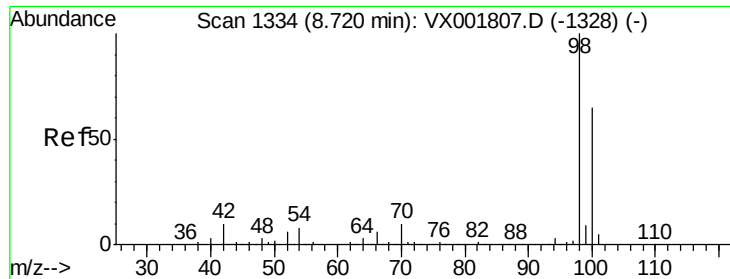
Tgt Ion	Resp	Lower	Upper
164	100		
166	129.3	104.1	156.1
129	81.8	67.8	101.8
131	78.6	64.6	97.0



#62
 Toluene
 Concen: 58.24 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.01 min
 Lab File: VX001808.D
 Acq: 18 May 2018 05:07

Tgt Ion	Resp	Lower	Upper
91	100		
92	59.3	47.8	71.6





#63

Toluene-d8

Concen: 32.75 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

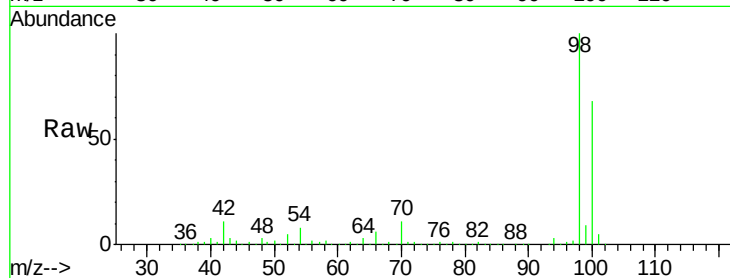
VSTDIC050

Tgt Ion: 98 Resp: 324199

Ion Ratio Lower Upper

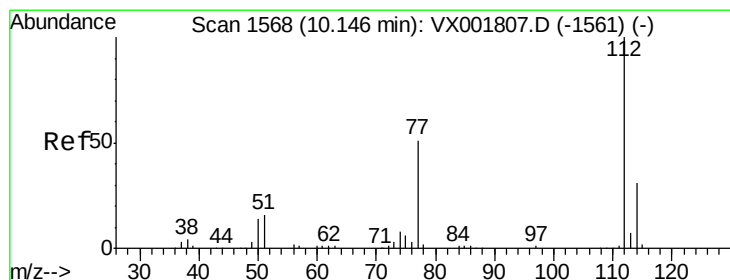
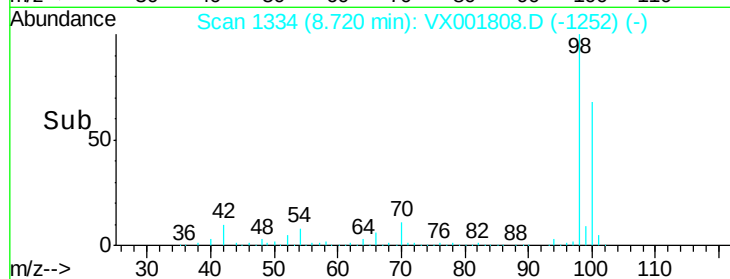
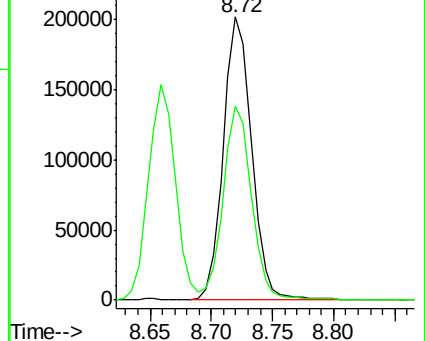
98 100

100 69.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 52.74 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001808.D

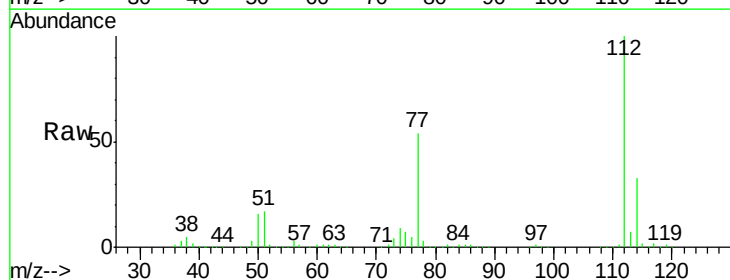
Acq: 18 May 2018 05:07

Tgt Ion: 112 Resp: 357859

Ion Ratio Lower Upper

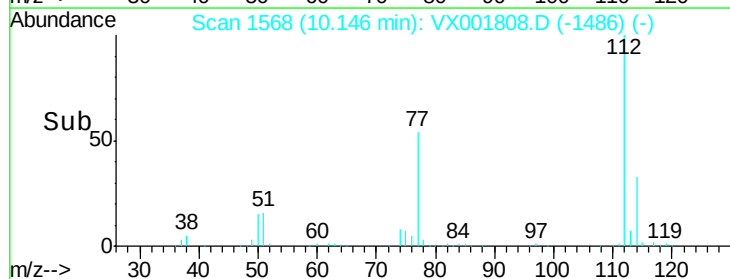
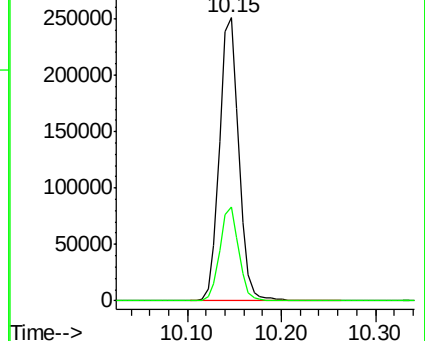
112 100

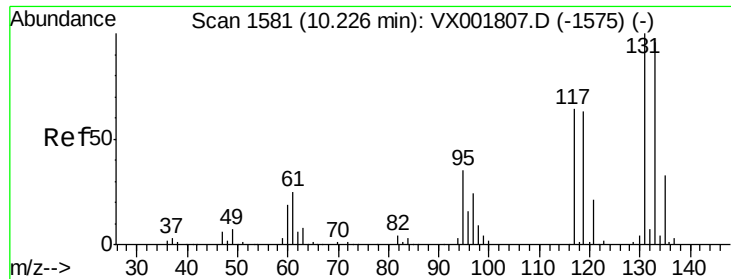
114 33.2 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 55.76 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

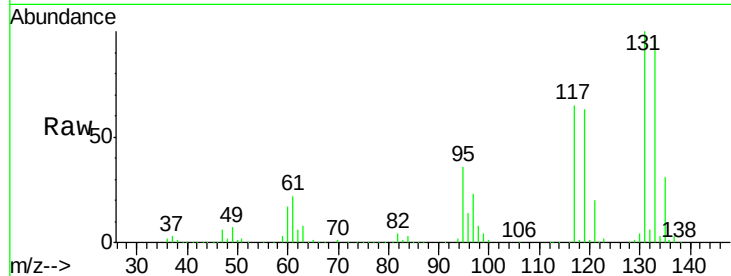
Tgt Ion: 131 Resp: 146109

Ion Ratio Lower Upper

131 100

133 96.8 0.0 192.2

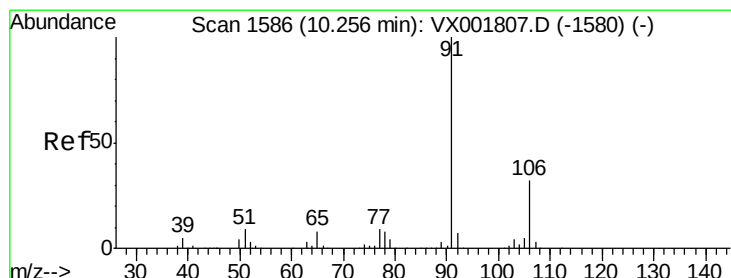
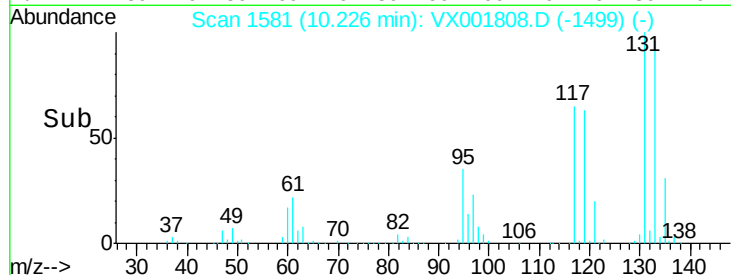
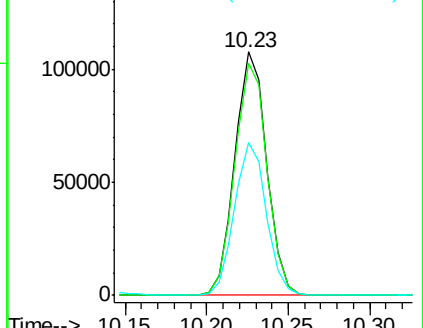
119 63.1 0.0 125.4



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: 50.47 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001808.D

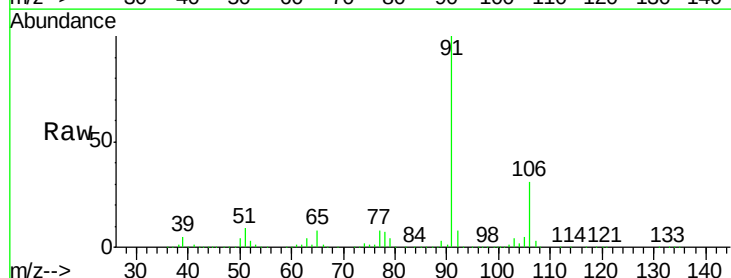
Acq: 18 May 2018 05:07

Tgt Ion: 91 Resp: 530974

Ion Ratio Lower Upper

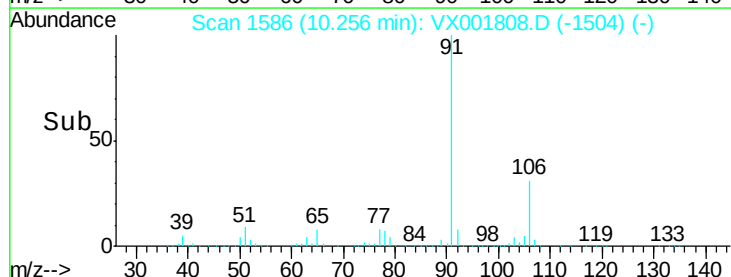
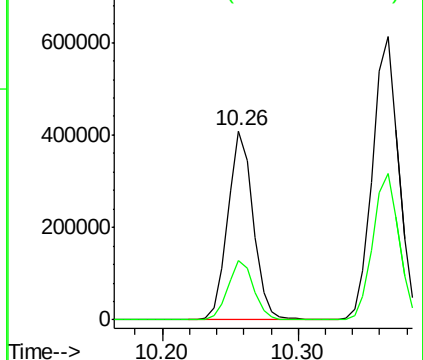
91 100

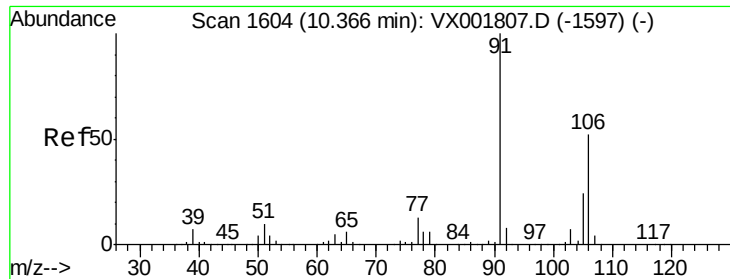
106 31.2 25.8 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 101.81 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

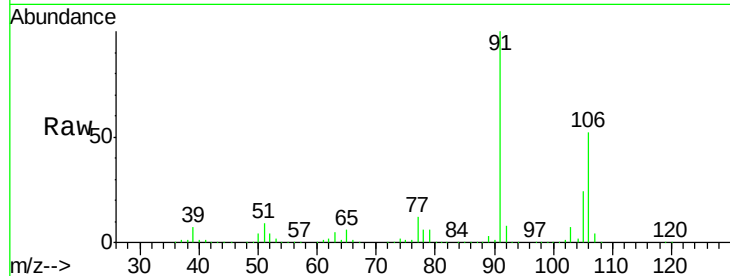
VSTDIC050

Tgt Ion:106 Resp: 427170

Ion Ratio Lower Upper

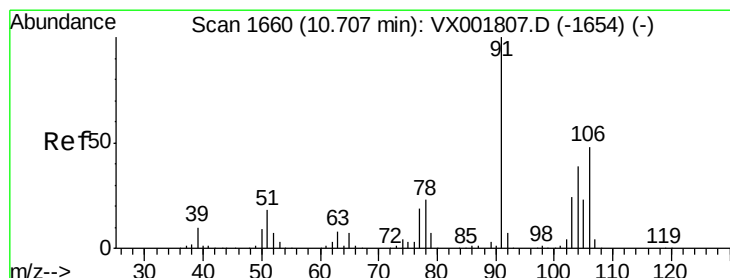
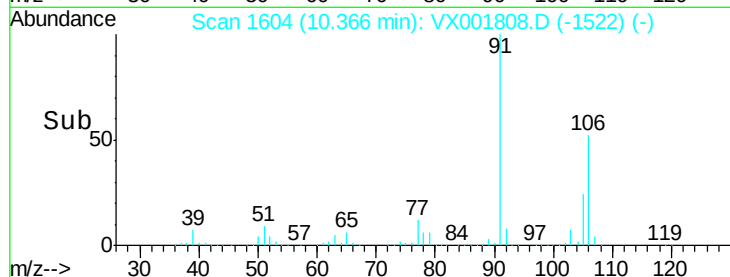
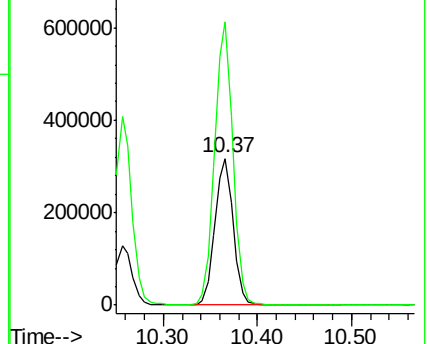
106 100

91 191.7 154.7 232.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 52.01 ug/l

RT: 10.71 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX001808.D

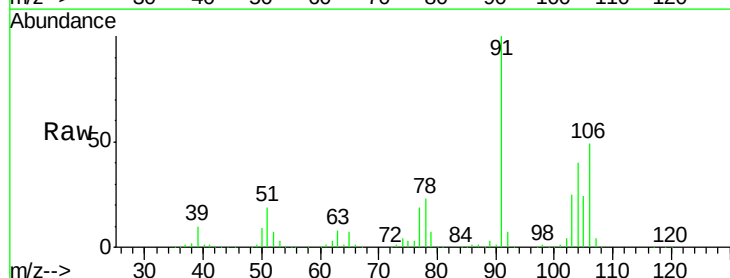
Acq: 18 May 2018 05:07

Tgt Ion:106 Resp: 217869

Ion Ratio Lower Upper

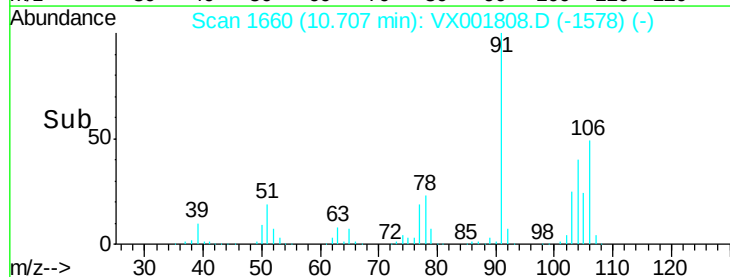
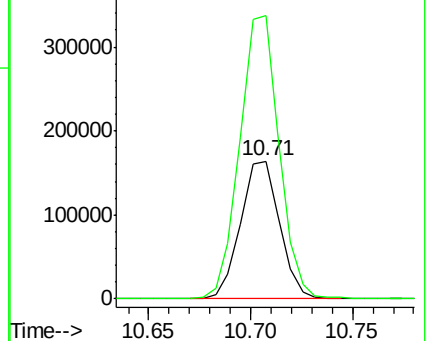
106 100

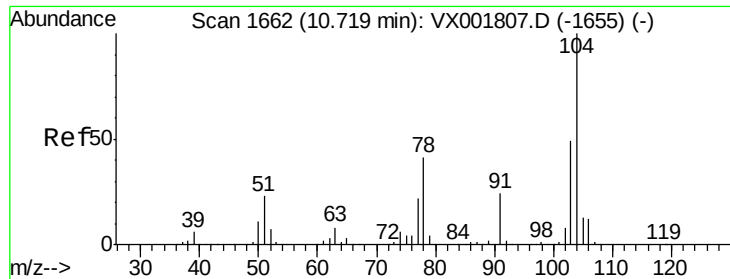
91 207.7 104.3 312.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

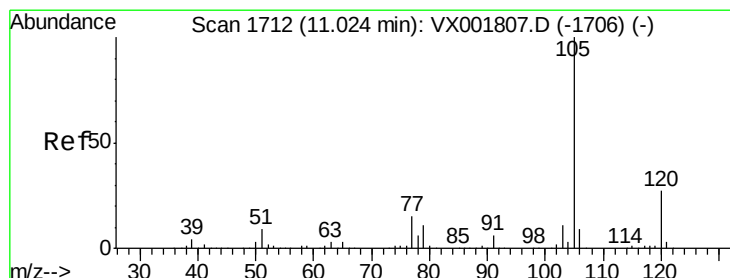
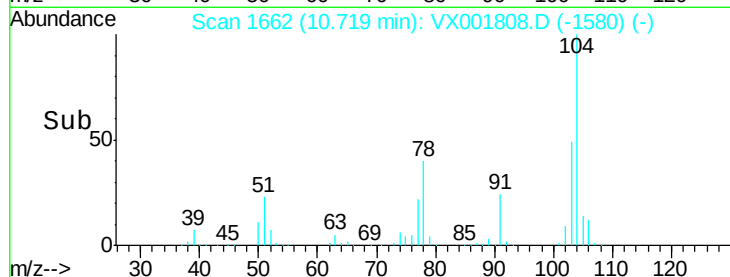
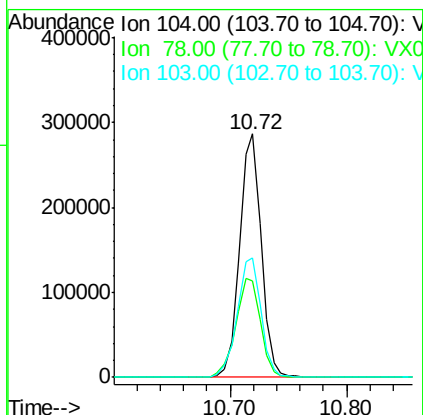
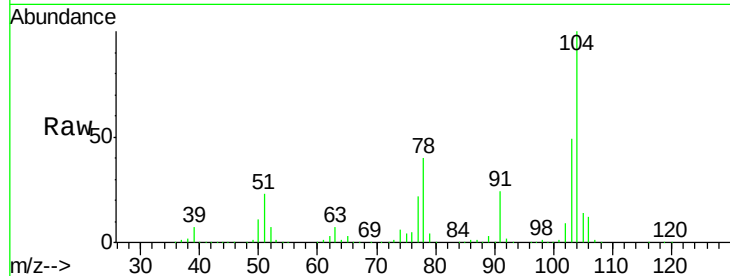




#69
Styrene
 Concen: 53.54 ug/l
 RT: 10.72 min Scan# 1662
 Delta R.T. -0.00 min
 Lab File: VX001808.D
 Acq: 18 May 2018 05:07

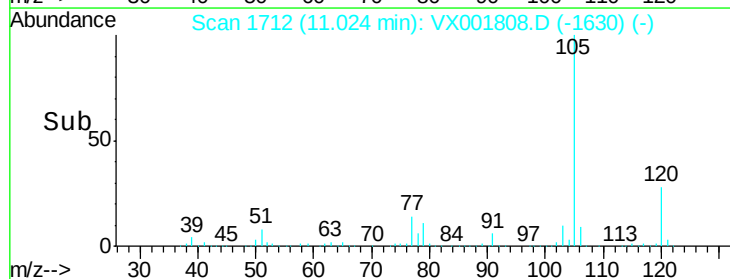
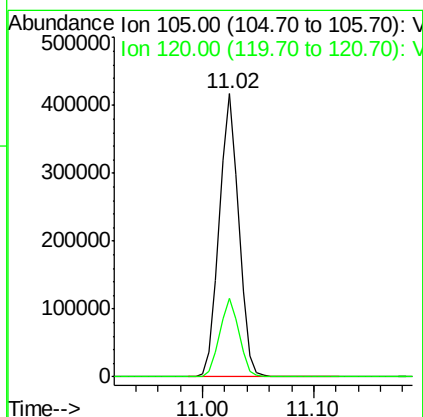
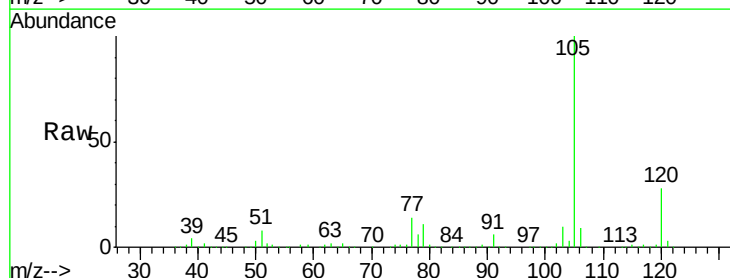
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

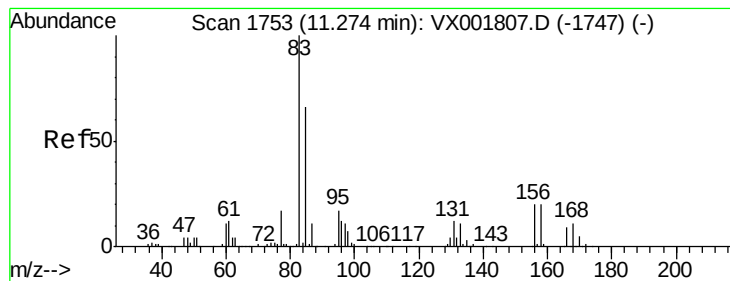
Tgt Ion:104 Resp: 372556
 Ion Ratio Lower Upper
 104 100
 78 46.7 37.0 55.6
 103 54.2 43.5 65.3



#70
Isopropylbenzene
 Concen: 48.12 ug/l
 RT: 11.02 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: VX001808.D
 Acq: 18 May 2018 05:07

Tgt Ion:105 Resp: 508959
 Ion Ratio Lower Upper
 105 100
 120 27.4 19.3 35.9





#71

1,1,2,2-Tetrachloroethane

Concen: 56.22 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

Instrument :

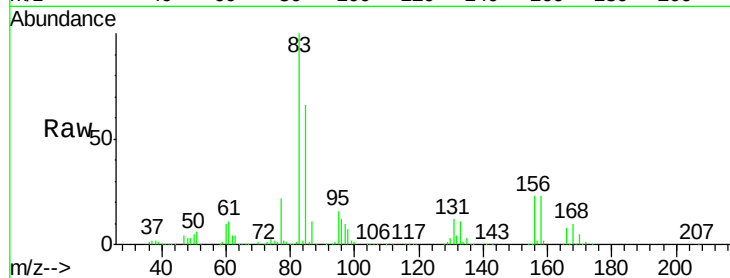
MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 83 Resp: 213137

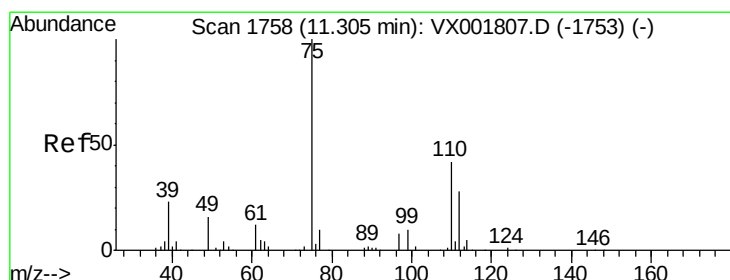
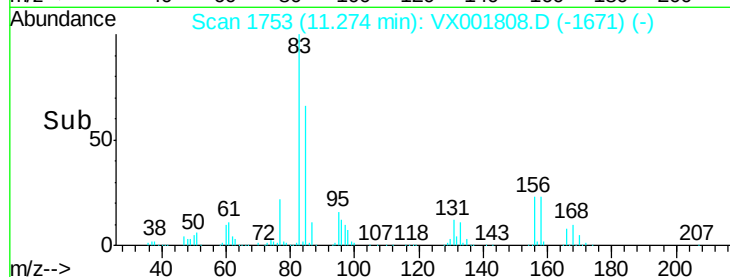
Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.8	17.3
85	65.1	32.3	96.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 66.30 ug/l

RT: 11.30 min Scan# 1758

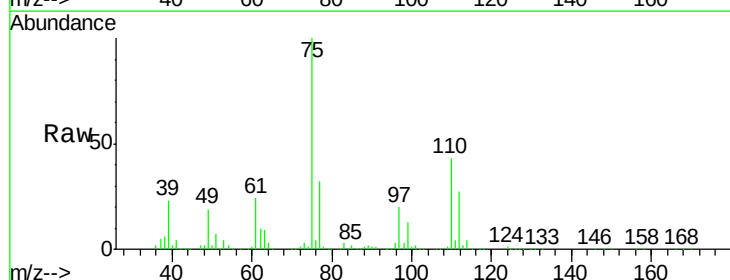
Delta R.T. -0.00 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

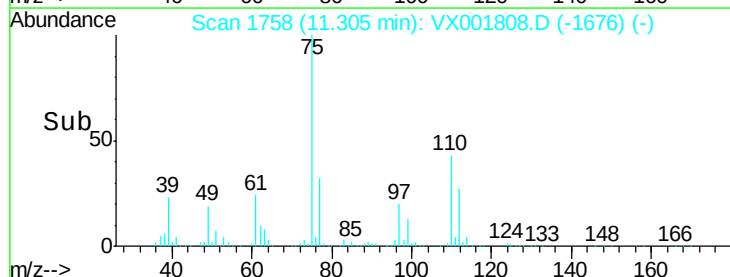
Tgt Ion: 75 Resp: 243466

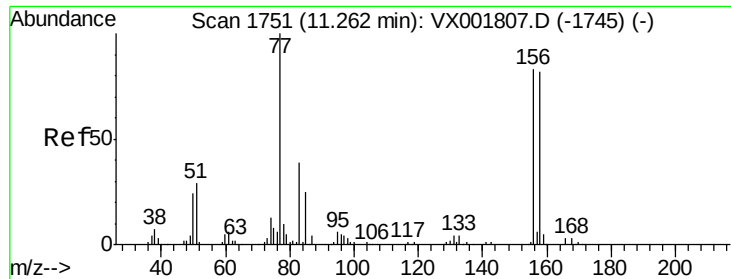
Ion	Ratio	Lower	Upper
75	100		
77	32.7	0.0	74.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 53.39 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

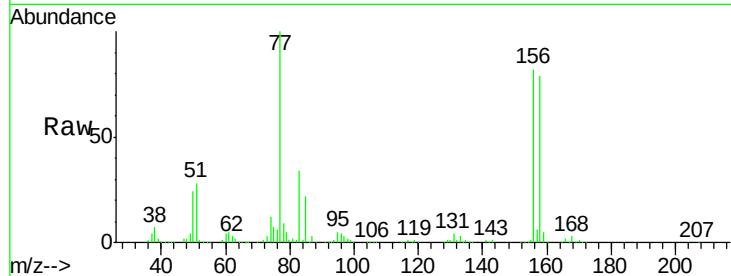
Tgt Ion:156 Resp: 176725

Ion Ratio Lower Upper

156 100

77 127.4 0.0 261.8

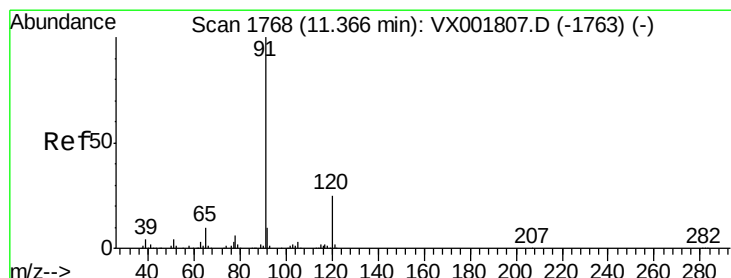
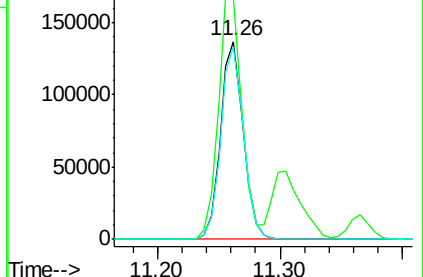
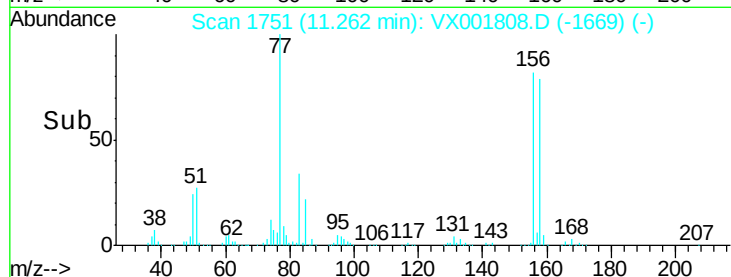
158 97.4 0.0 198.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 46.17 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001808.D

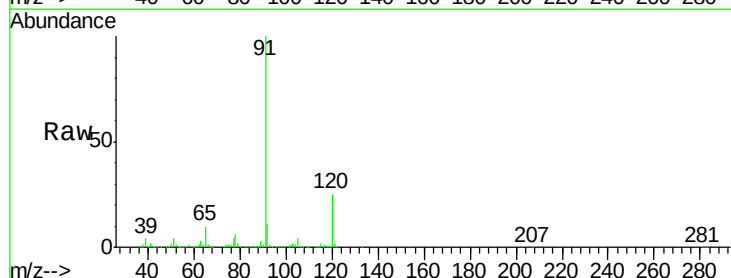
Acq: 18 May 2018 05:07

Tgt Ion: 91 Resp: 532967

Ion Ratio Lower Upper

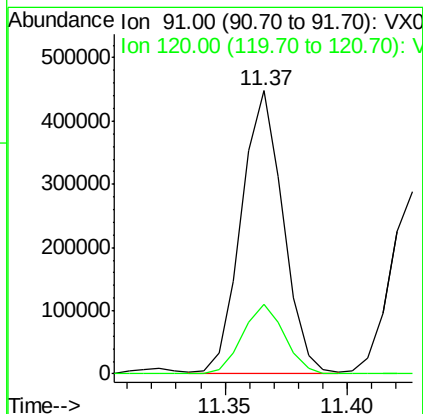
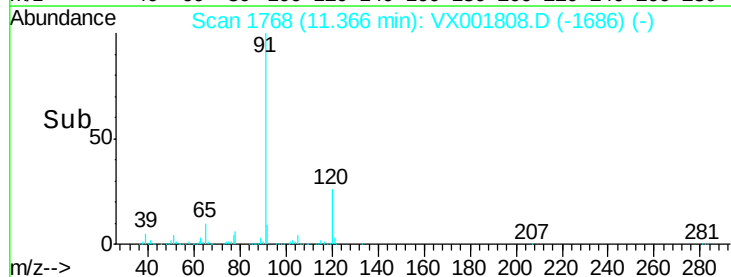
91 100

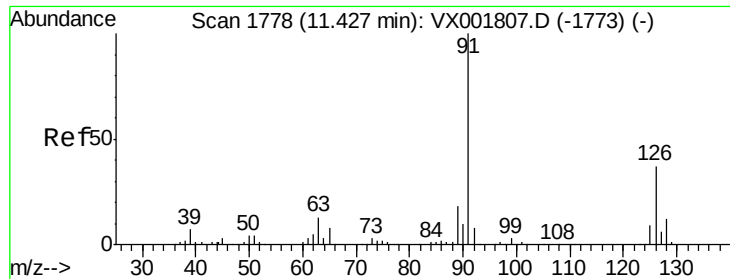
120 24.6 0.0 49.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 48.85 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

Instrument :

MSVOA_X

ClientSampled :

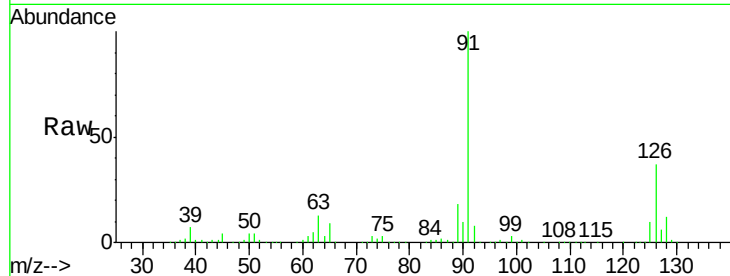
VSTDIC050

Tgt Ion: 91 Resp: 359200

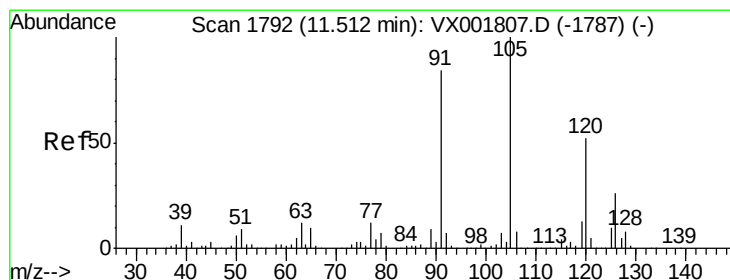
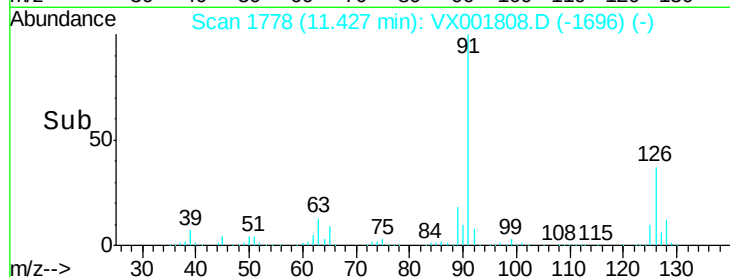
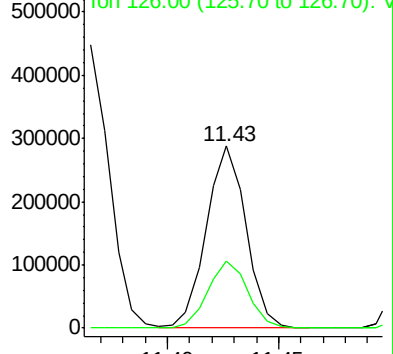
Ion Ratio Lower Upper

91 100

126 36.7 0.0 72.0



Abundance Ion 91.00 (90.70 to 91.70): VX001808.D (-1696) (-)



#76

1,3,5-Trimethylbenzene

Concen: 47.74 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001808.D

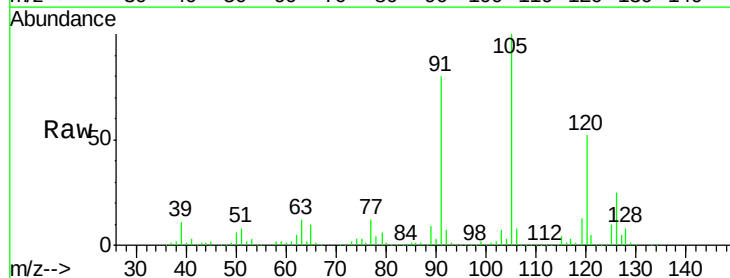
Acq: 18 May 2018 05:07

Tgt Ion: 105 Resp: 424351

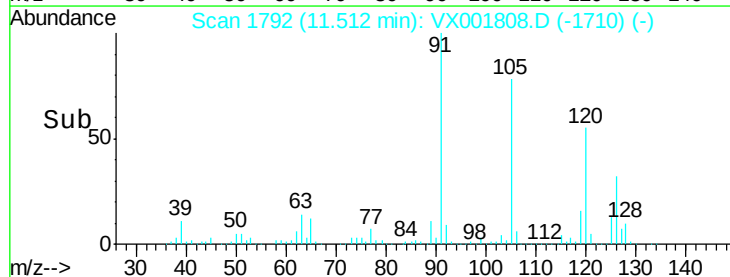
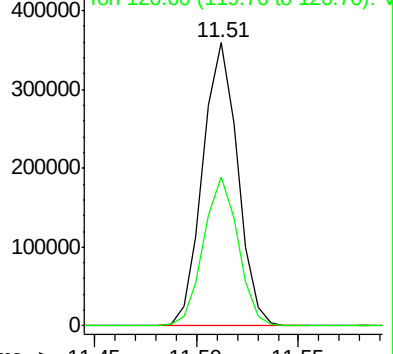
Ion Ratio Lower Upper

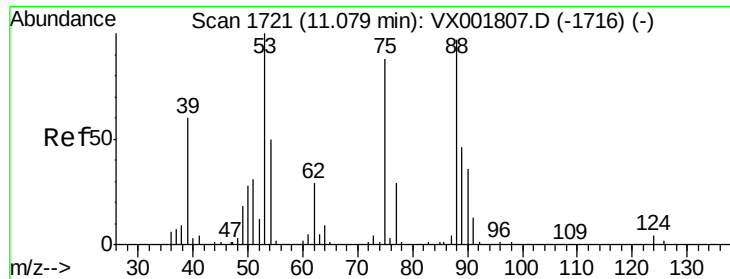
105 100

120 52.3 0.0 103.0



Abundance Ion 105.00 (104.70 to 105.70): VX001808.D (-1710) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 54.26 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

Instrument :

MSVOA_X

ClientSampled :

VSTDIC050

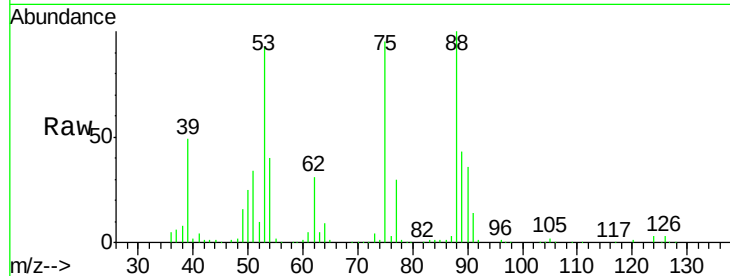
Tgt Ion: 75 Resp: 49707

Ion Ratio Lower Upper

75 100

53 97.2 57.0 170.8

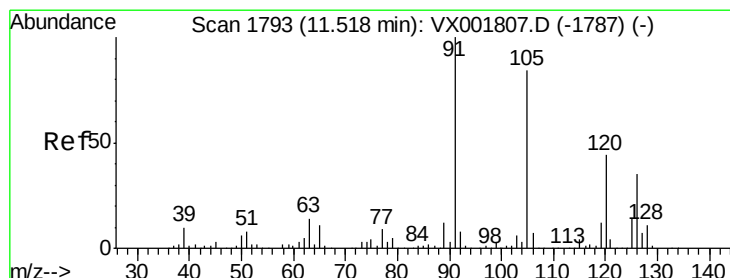
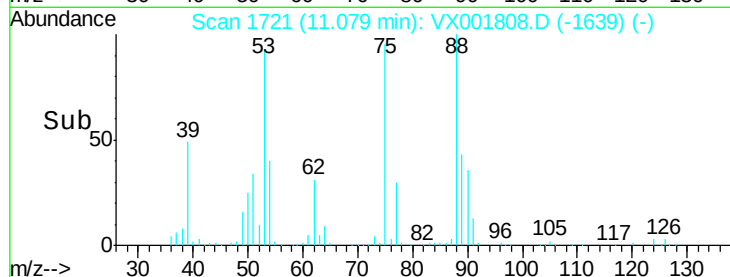
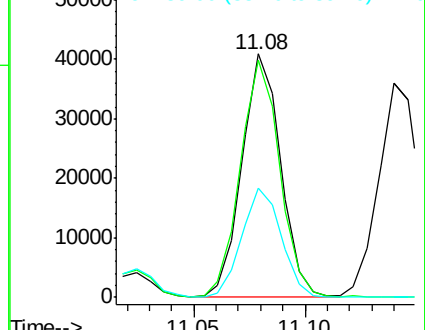
89 44.9 26.3 78.9



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 48.36 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001808.D

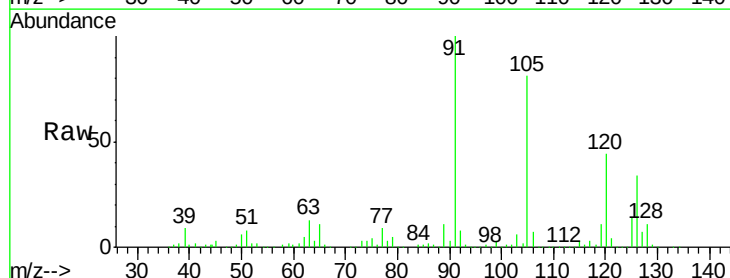
Acq: 18 May 2018 05:07

Tgt Ion: 91 Resp: 402681

Ion Ratio Lower Upper

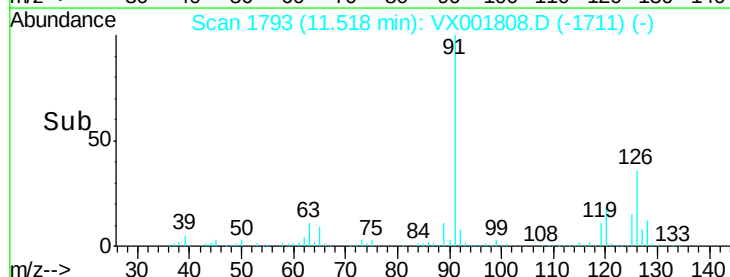
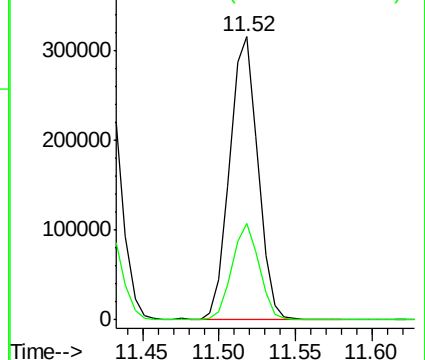
91 100

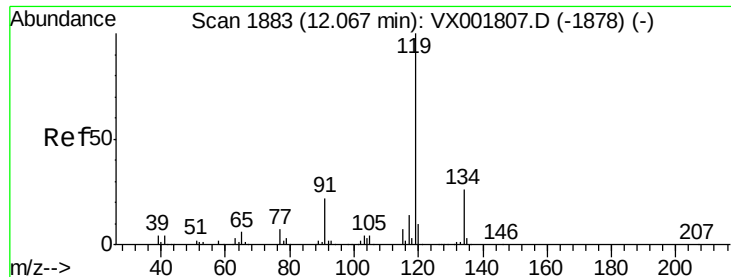
126 32.9 0.0 64.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

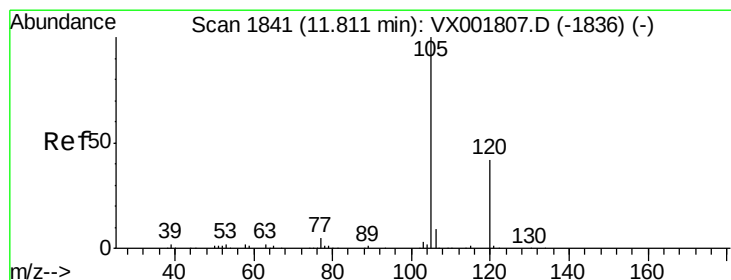
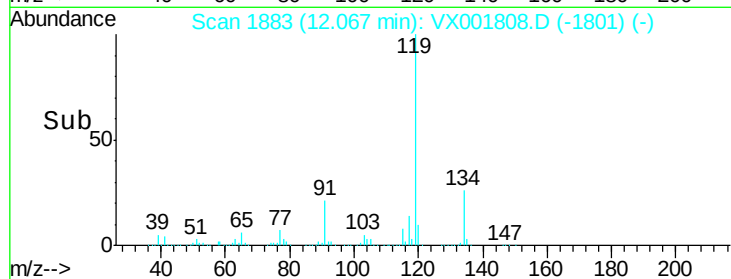
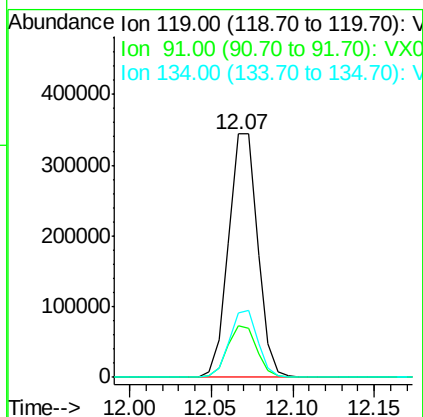
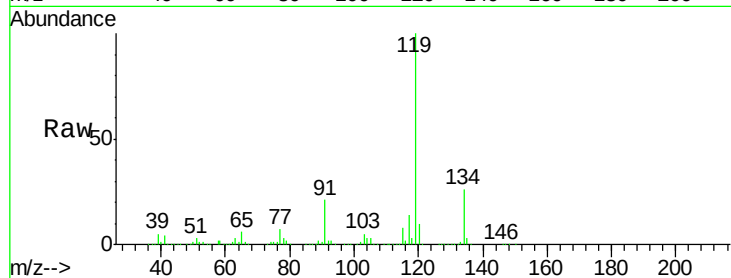




#79
tert-butylbenzene
Concen: 46.08 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX001808.D
Acq: 18 May 2018 05:07

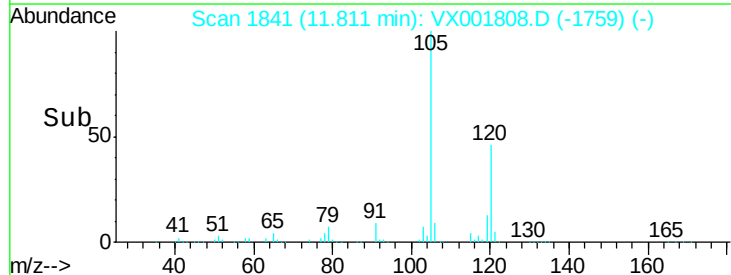
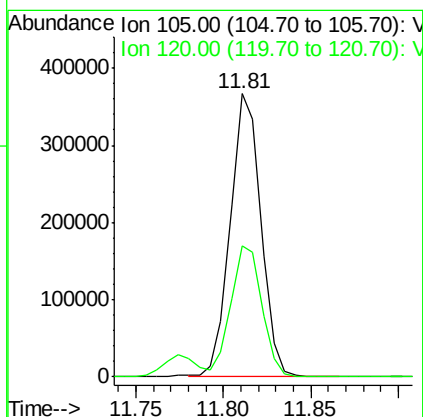
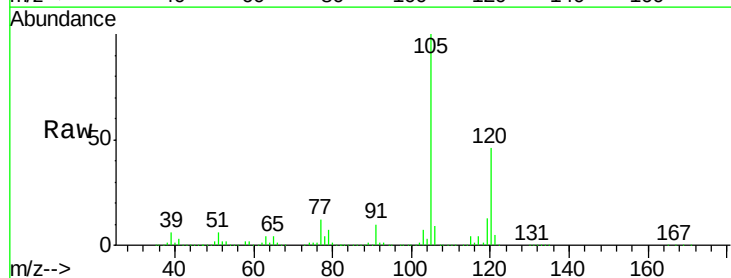
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

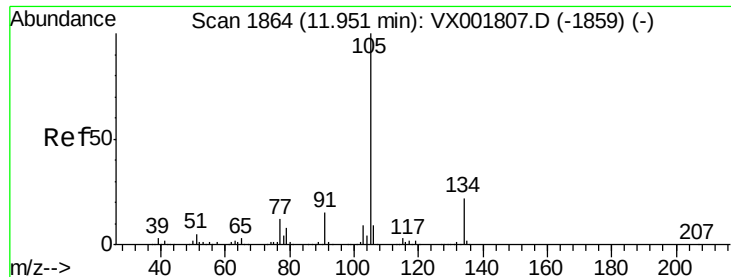
Tgt Ion:119 Resp: 427666
Ion Ratio Lower Upper
119 100
91 21.3 0.0 43.2
134 26.8 0.0 54.6



#80
1,2,4-Trimethylbenzene
Concen: 49.14 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001808.D
Acq: 18 May 2018 05:07

Tgt Ion:105 Resp: 447315
Ion Ratio Lower Upper
105 100
120 46.9 0.0 94.6





#81

sec-Butylbenzene

Concen: 45.68 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

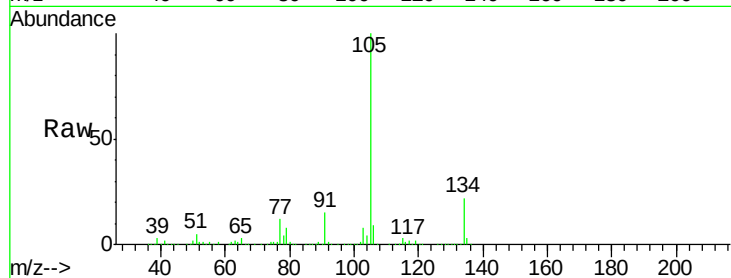
VSTDIC050

Tgt Ion:105 Resp: 464627

Ion Ratio Lower Upper

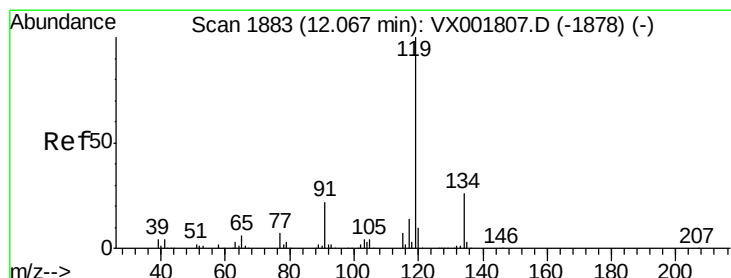
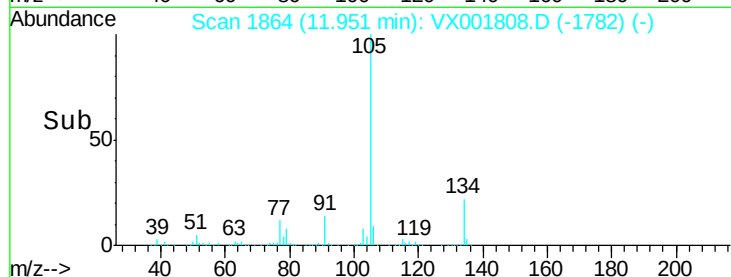
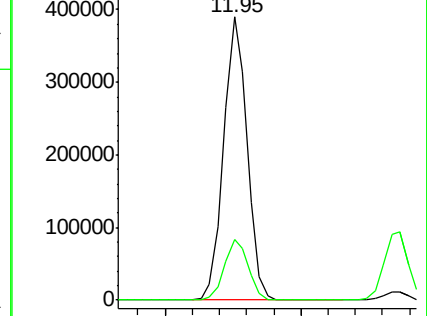
105 100

134 21.7 0.0 44.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 46.08 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

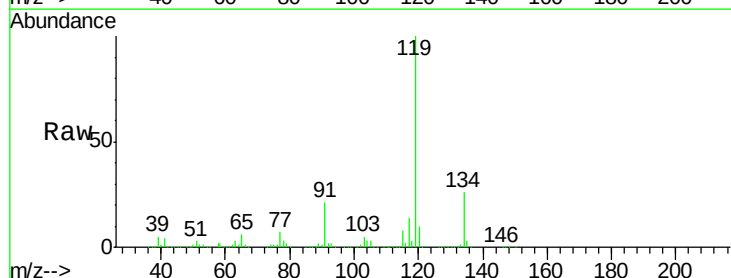
Tgt Ion:119 Resp: 427666

Ion Ratio Lower Upper

119 100

134 26.8 0.0 54.6

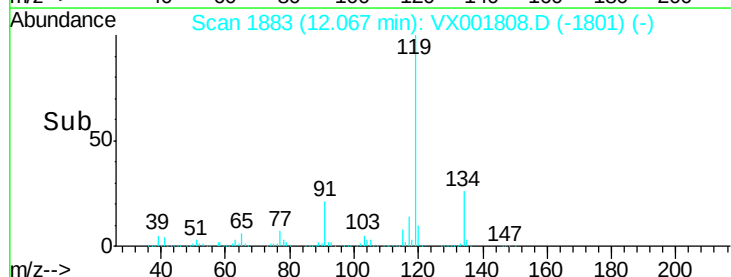
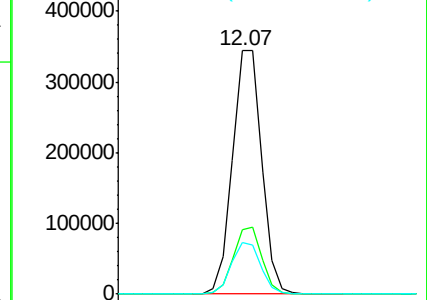
91 21.3 0.0 43.2

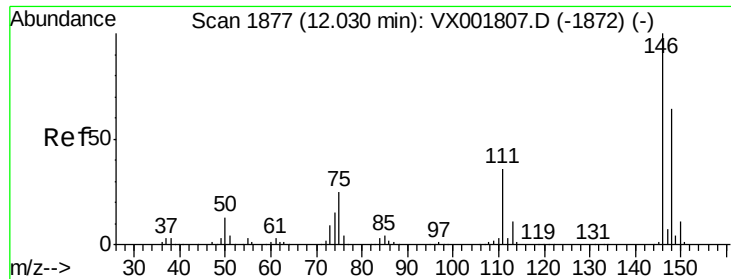


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

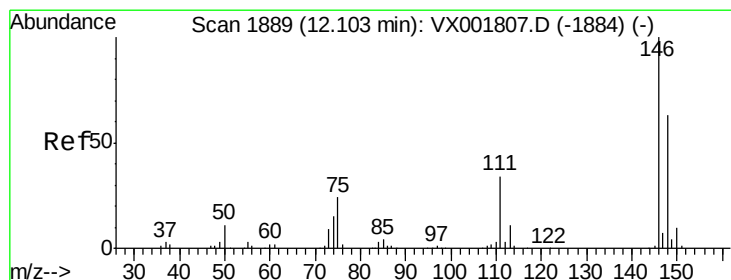
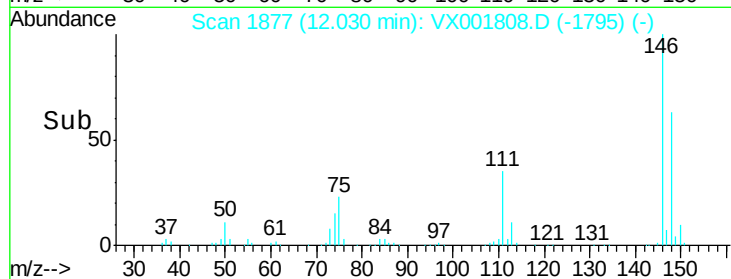
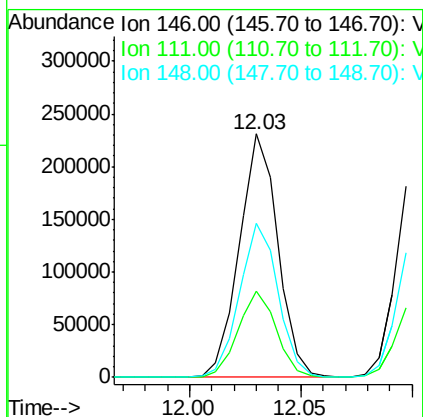
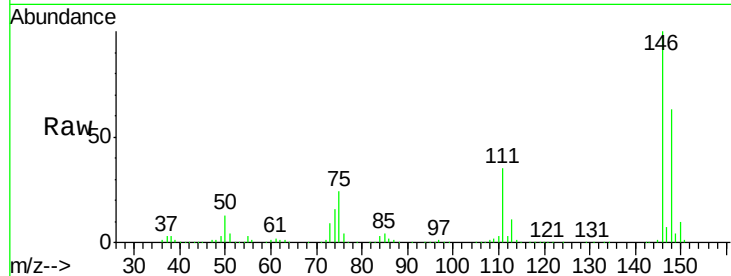




#83
 1,3-Dichlorobenzene
 Concen: 49.27 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001808.D
 Acq: 18 May 2018 05:07

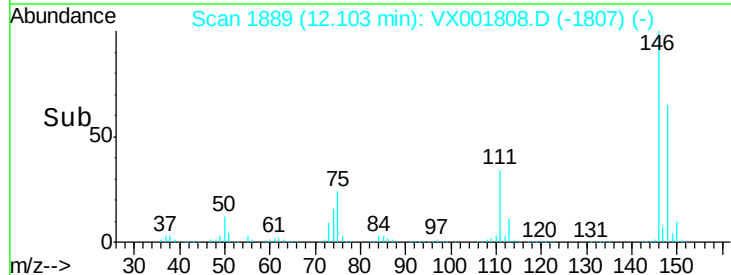
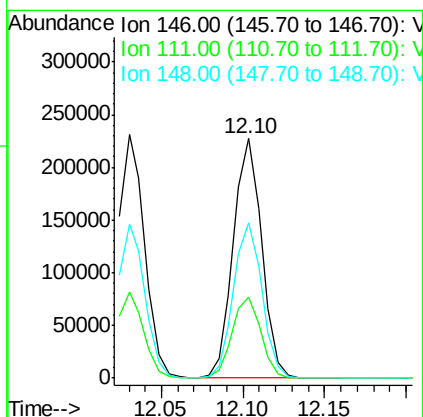
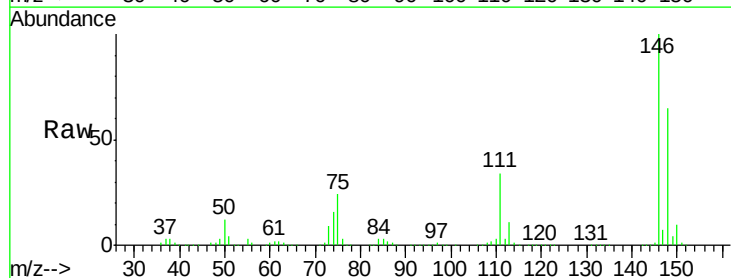
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

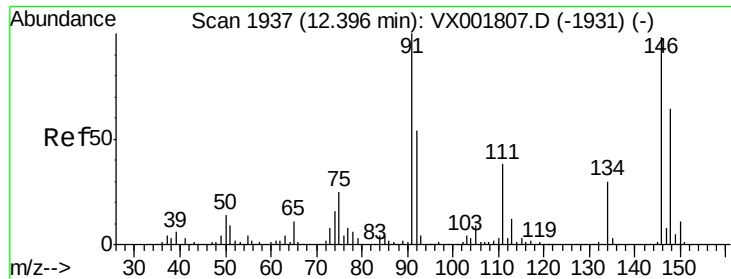
Tgt Ion:146 Resp: 278292
 Ion Ratio Lower Upper
 146 100
 111 35.5 18.0 54.0
 148 63.7 31.9 95.9



#84
 1,4-Dichlorobenzene
 Concen: 48.71 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001808.D
 Acq: 18 May 2018 05:07

Tgt Ion:146 Resp: 276090
 Ion Ratio Lower Upper
 146 100
 111 34.2 17.1 51.2
 148 64.6 31.8 95.3

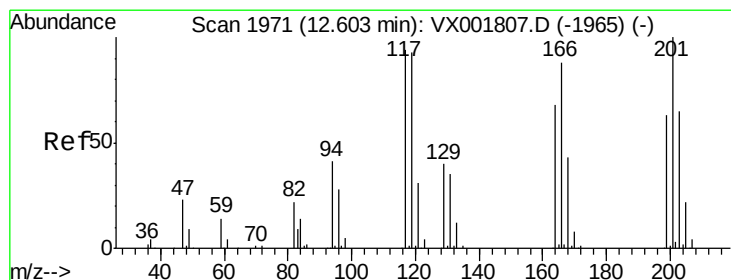
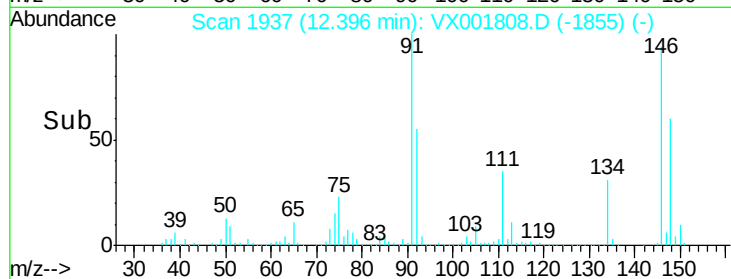
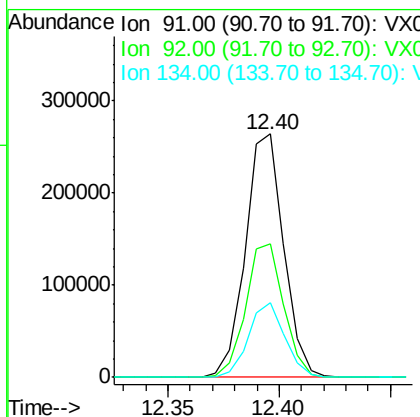
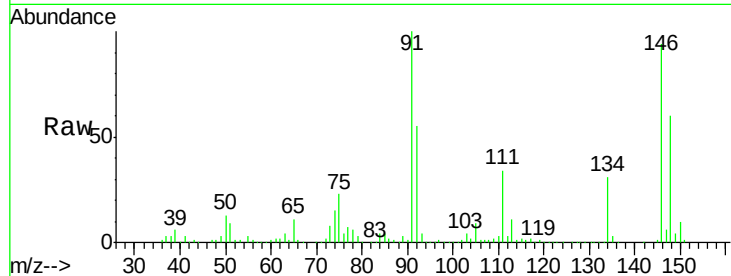




#85
n-Butylbenzene
Concen: 43.34 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001808.D
Acq: 18 May 2018 05:07

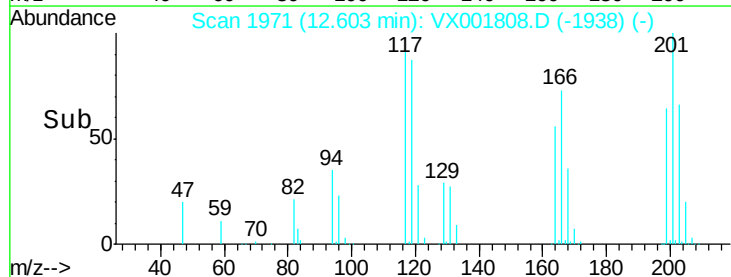
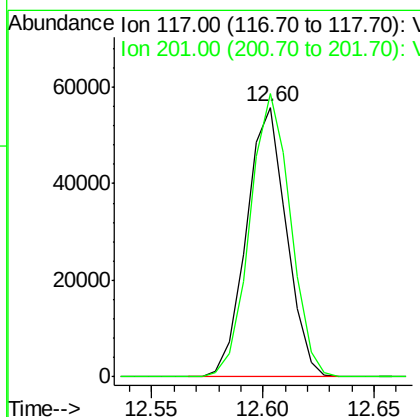
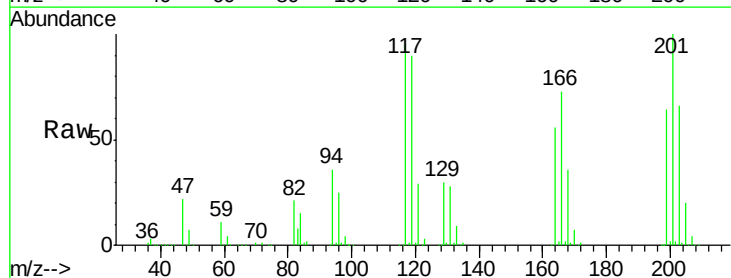
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

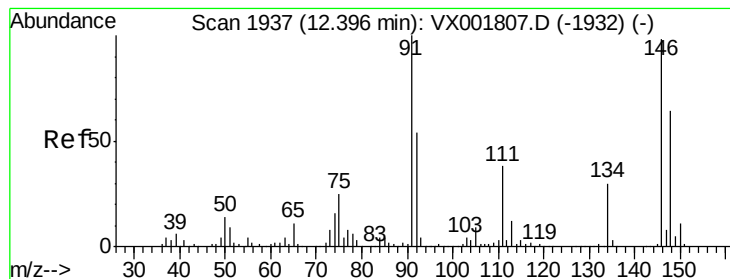
Tgt Ion: 91 Resp: 316900
Ion Ratio Lower Upper
91 100
92 54.7 0.0 108.2
134 29.3 0.0 57.8



#86
Hexachloroethane
Concen: 46.85 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001808.D
Acq: 18 May 2018 05:07

Tgt Ion: 117 Resp: 70029
Ion Ratio Lower Upper
117 100
201 106.1 53.0 159.0





#87

1,2-Dichlorobenzene

Concen: 51.21 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

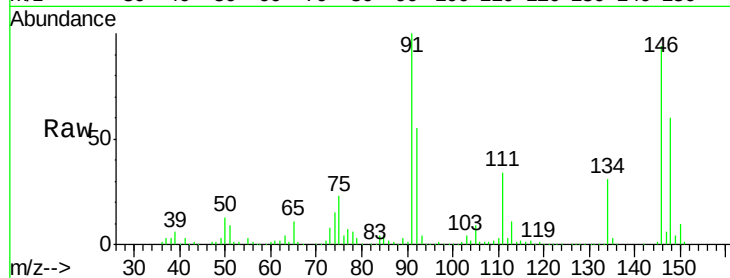
Tgt Ion: 146 Resp: 302579

Ion Ratio Lower Upper

146 100

111 36.9 18.9 56.5

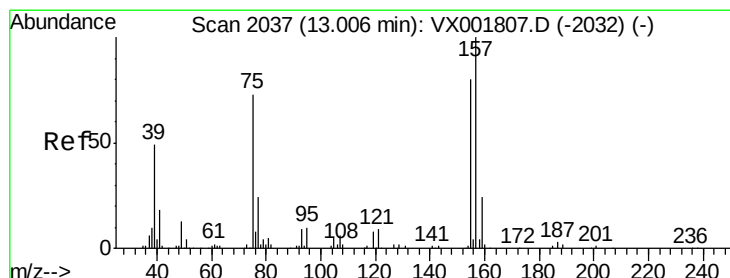
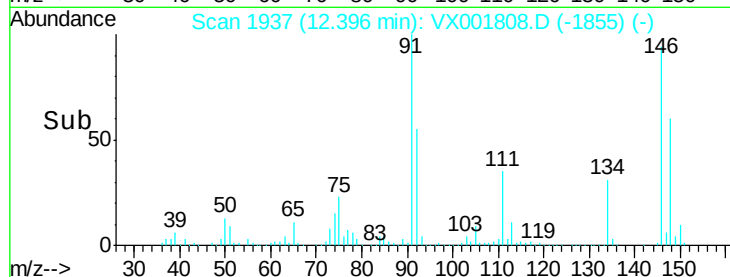
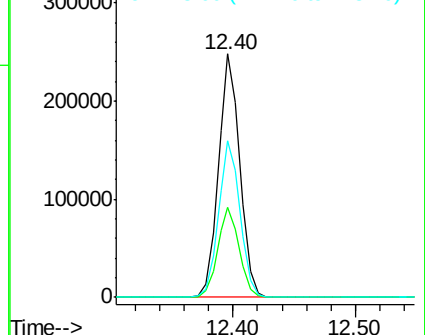
148 64.4 32.9 98.7



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



#88

1,2-Dibromo-3-Chloropropane

Concen: 56.42 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX001808.D

Acq: 18 May 2018 05:07

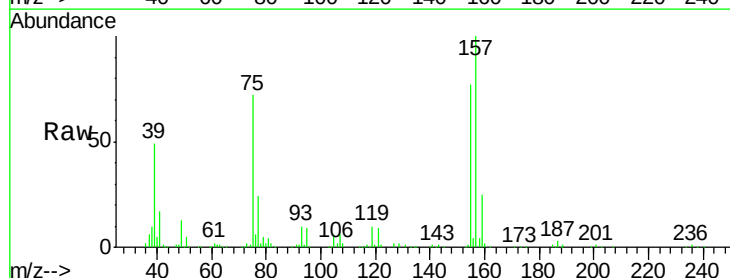
Tgt Ion: 75 Resp: 49166

Ion Ratio Lower Upper

75 100

155 110.6 88.5 132.7

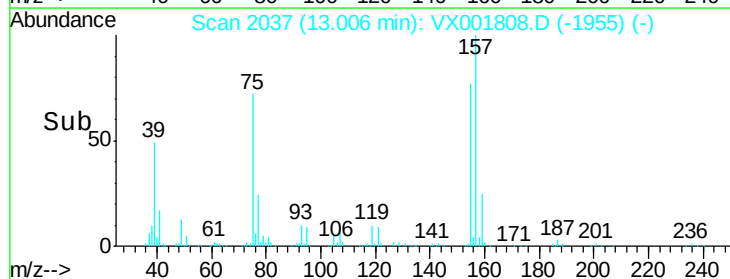
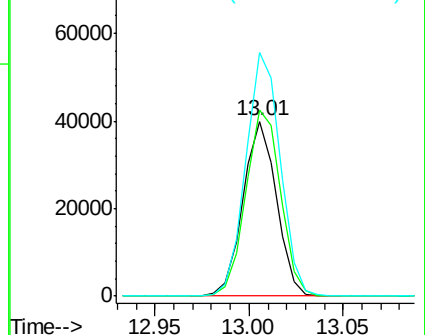
157 143.5 111.0 166.4

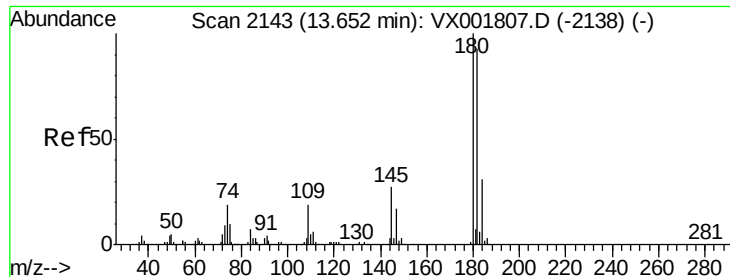


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

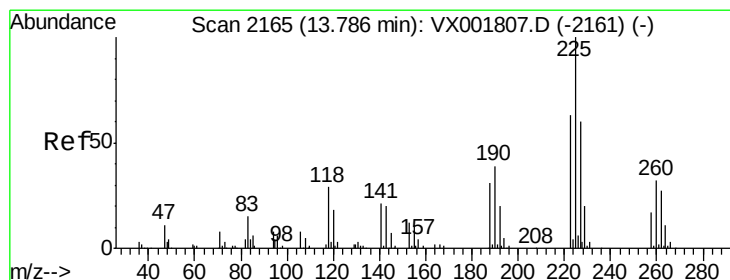
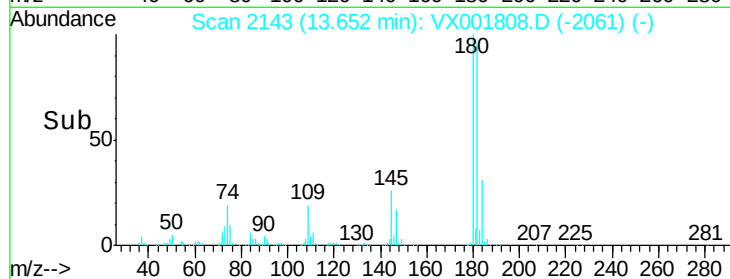
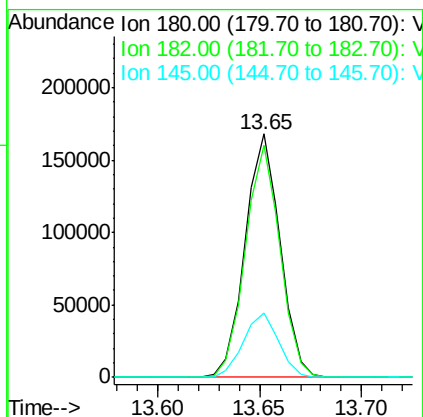
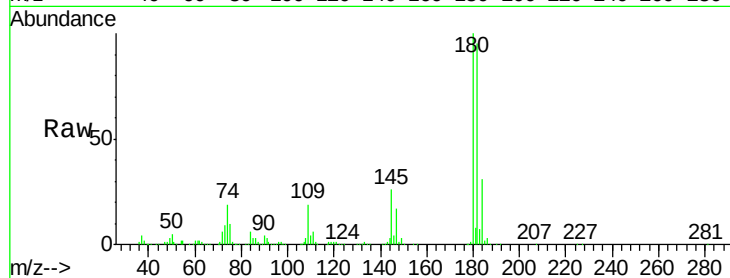




#89
 1,2,4-Trichlorobenzene
 Concen: 48.44 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001808.D
 Acq: 18 May 2018 05:07

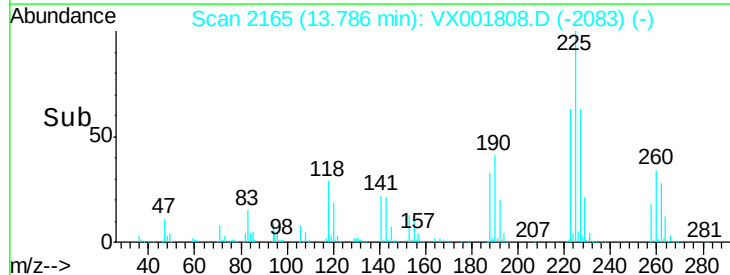
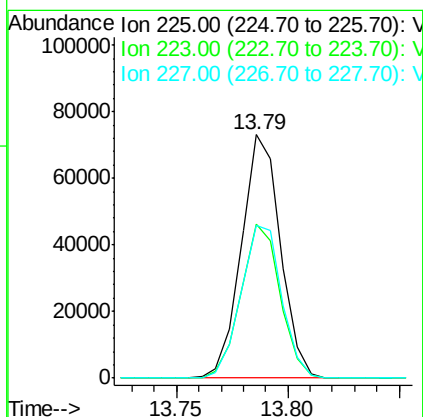
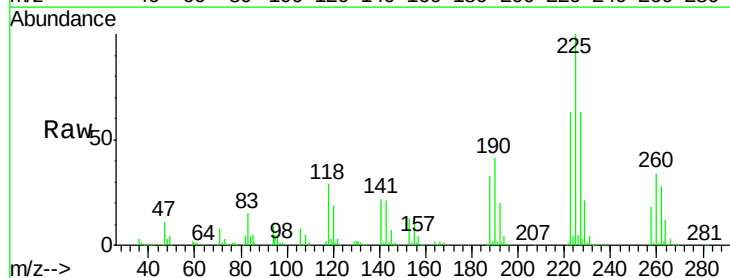
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

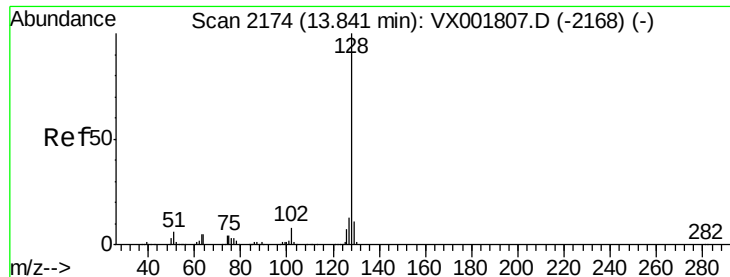
Tgt Ion:180 Resp: 200232
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.6 113.4
 145 26.6 21.6 32.4



#90
 Hexachlorobutadiene
 Concen: 43.10 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001808.D
 Acq: 18 May 2018 05:07

Tgt Ion:225 Resp: 89685
 Ion Ratio Lower Upper
 225 100
 223 63.6 0.0 123.6
 227 65.2 0.0 124.0

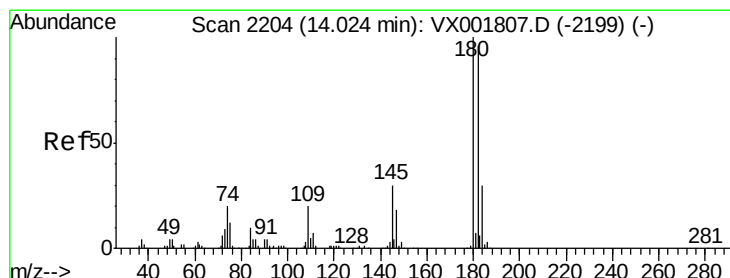
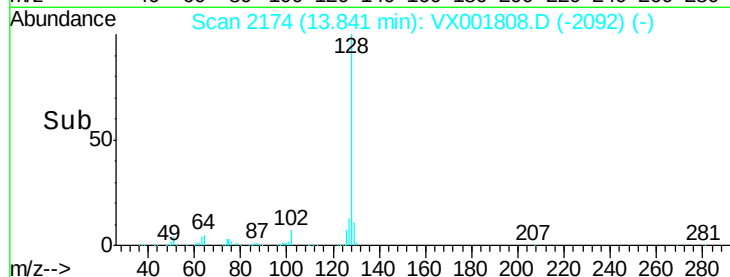
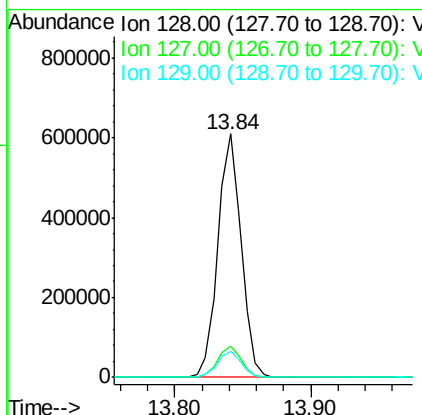
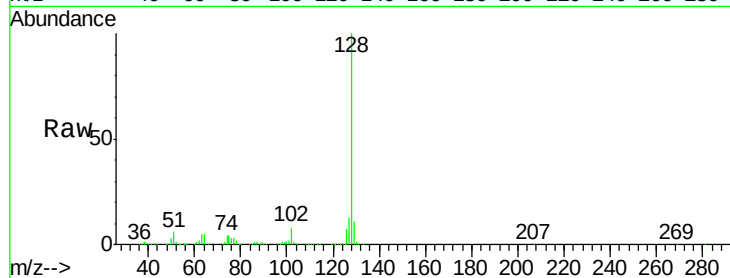




#91
Naphthalene
Concen: 56.40 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001808.D
Acq: 18 May 2018 05:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 720970
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 50.08 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001808.D
Acq: 18 May 2018 05:07

Tgt Ion:180 Resp: 221451
Ion Ratio Lower Upper
180 100
182 95.6 0.0 188.8
145 28.0 0.0 56.6

