

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051718\
 Data File : VX001790.D
 Acq On : 17 May 2018 15:06
 Operator : JC/MD
 Sample : J2853-19MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW157-180508MS

Quant Time: May 18 03:56:39 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	290342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	399467	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	212802	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	201895	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
35) Dibromofluoromethane	5.51	113	178383	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
50) Toluene-d8	8.72	98	651232	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	
62) 4-Bromofluorobenzene	11.14	95	201217	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	140688	48.29	ug/l	99
3) Chloromethane	1.32	50	171189	54.39	ug/l	99
4) Vinyl Chloride	1.40	62	266936	78.45	ug/l	99
5) Bromomethane	1.64	94	66985	46.56	ug/l	98
6) Chloroethane	1.72	64	114467	53.41	ug/l	98
7) Trichlorofluoromethane	1.93	101	246340	49.82	ug/l	99
8) Diethyl Ether	2.19	74	107924	53.03	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	139922	47.01	ug/l	99
10) Methyl Iodide	2.51	142	195910	71.53	ug/l	99
11) Tert butyl alcohol	3.09	59	178468	258.30	ug/l	98
12) 1,1-Dichloroethene	2.37	96	143507	50.01	ug/l	99
13) Acrolein	2.30	56	136038	277.61	ug/l	100
14) Allyl chloride	2.73	41	233862	44.09	ug/l	96
15) Acrylonitrile	3.15	53	466913	269.05	ug/l	100
16) Acetone	2.45	43	398837	260.93	ug/l	99
17) Carbon Disulfide	2.57	76	348856	46.60	ug/l	99
18) Methyl Acetate	2.78	43	242607	54.29	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	511792	52.91	ug/l	100
20) Methylene Chloride	2.86	84	166802	50.98	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	152967	48.39	ug/l	98
22) Diisopropyl ether	3.88	45	544709	53.53	ug/l	98
23) Vinyl Acetate	3.83	43	1752085	238.98	ug/l	99
24) 1,1-Dichloroethane	3.70	63	294866	52.84	ug/l	99
25) 2-Butanone	4.72	43	649076	277.36	ug/l	98
26) 2,2-Dichloropropane	4.59	77	35984	8.01	ug/l #	56
27) cis-1,2-Dichloroethene	4.60	96	222487	61.85	ug/l	92
28) Bromochloromethane	5.03	49	145627	58.75	ug/l	99
29) Tetrahydrofuran	5.18	42	421920	276.59	ug/l	100
30) Chloroform	5.22	83	309344	52.77	ug/l	99
31) Cyclohexane	5.57	56	254571	52.04	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	266629	52.64	ug/l	100
36) 1,1-Dichloropropene	5.80	75	215490	46.86	ug/l	99
37) Ethyl Acetate	4.87	43	240616	50.21	ug/l	99
38) Carbon Tetrachloride	5.79	117	238923	49.60	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	246631	45.90	ug/l	98
40) Benzene	6.15	78	698949	51.59	ug/l	100
41) Methacrylonitrile	5.07	41	143752	51.87	ug/l	99
42) 1,2-Dichloroethane	6.20	62	241079	49.20	ug/l	99
43) Isopropyl Acetate	6.48	43	377592	50.34	ug/l	99
44) Trichloroethene	7.22	130	203800	48.46	ug/l	98
45) 1,2-Dichloropropane	7.53	63	174401	52.46	ug/l	97
46) Dibromomethane	7.67	93	119403	51.15	ug/l	99
47) Bromodichloromethane	7.90	83	227377	52.49	ug/l	99
48) Methyl methacrylate	7.79	41	208520	52.82	ug/l	97
49) 1,4-Dioxane	7.76	88	82843	1089.82	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	1302535	274.03	ug/l	98
52) Toluene	8.79	92	447991	51.46	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	200532	39.34	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	160879	35.81	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	162204	48.74	ug/l	99
56) Ethyl methacrylate	9.19	69	238955	50.63	ug/l	98
57) 1,3-Dichloropropane	9.38	76	265232	47.60	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.27	63	527	0.22	ug/l #	43
59) 2-Hexanone	9.51	43	865188	254.27	ug/l	100
60) Dibromochloromethane	9.59	129	175274	51.43	ug/l	99
61) 1,2-Dibromoethane	9.68	107	169212	48.57	ug/l	100
64) Tetrachloroethene	9.34	164	201820	46.12	ug/l	99
65) Chlorobenzene	10.15	112	444566	48.08	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	170027	52.07	ug/l	99
67) Ethyl Benzene	10.26	91	728310	49.29	ug/l	99
68) m/p-Xylenes	10.37	106	572584	98.21	ug/l	99
69) o-Xylene	10.71	106	285046	51.05	ug/l	99
70) Styrene	10.72	104	468437	50.87	ug/l	100
71) Bromoform	10.87	173	141916	46.89	ug/l	99
73) Isopropylbenzene	11.02	105	741749	52.93	ug/l	100
74) N-amyl acetate	6.48	43	377592	56.20	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	226914	53.98	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	230313	56.92	ug/l	89
77) Bromobenzene	11.26	156	216939	52.68	ug/l	98
78) n-propylbenzene	11.37	91	792567	50.20	ug/l	100
79) 2-Chlorotoluene	11.43	91	489934	51.88	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	609644	53.03	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	34159	26.80	ug/l	98
82) 4-Chlorotoluene	11.52	91	559420	50.29	ug/l	99
83) tert-Butylbenzene	11.77	119	630082	55.07	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	634204	53.27	ug/l	100
85) sec-Butylbenzene	11.95	105	715019	50.63	ug/l	100
86) p-Isopropyltoluene	12.07	119	648825	49.65	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	370985	48.71	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	373477	47.43	ug/l	100
89) n-Butylbenzene	12.40	91	486957	43.08	ug/l	99
90) Hexachloroethane	12.60	117	112343	55.35	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	387592	51.08	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50303	56.06	ug/l	98

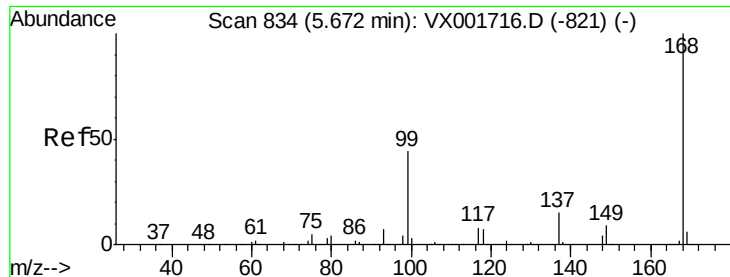
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	274050	45.31	ug/l	100
94) Hexachlorobutadiene	13.79	225	124267	38.27	ug/l	99
95) Naphthalene	13.84	128	841970	53.56	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	293750	48.23	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

Instrument :

MSVOA_X

ClientSampleId :

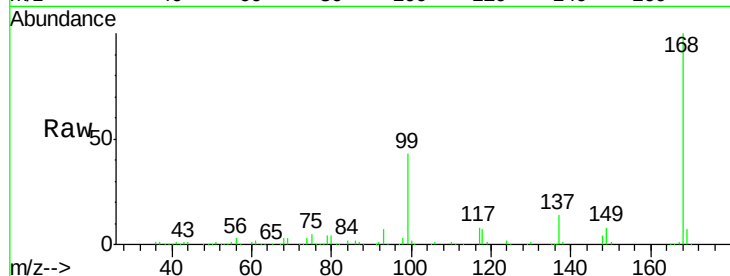
ST008MW157-180508MS

Tgt Ion: 168 Resp: 290342

Ion Ratio Lower Upper

168 100

99 42.7 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

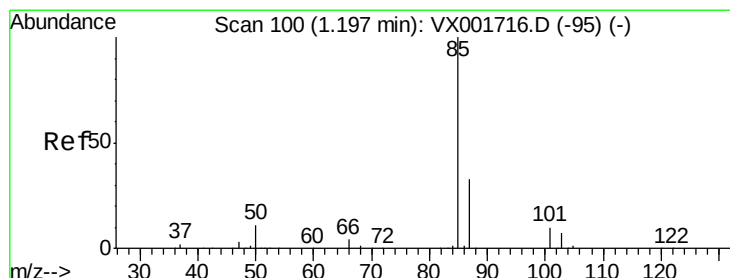
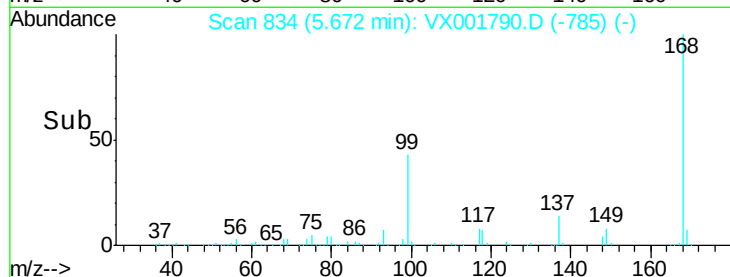
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.29 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001790.D

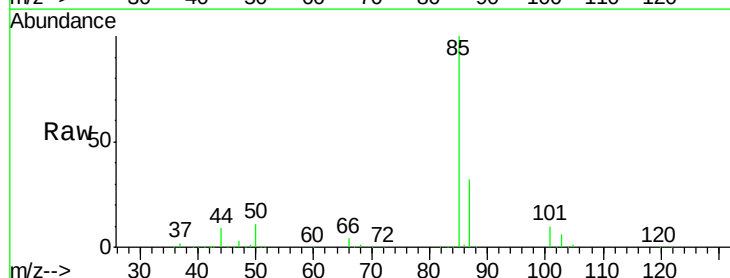
Acq: 17 May 2018 15:06

Tgt Ion: 85 Resp: 140688

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

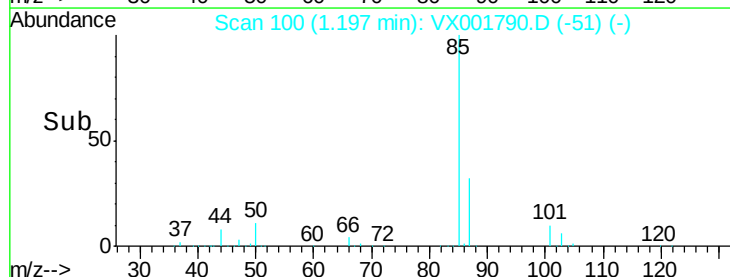
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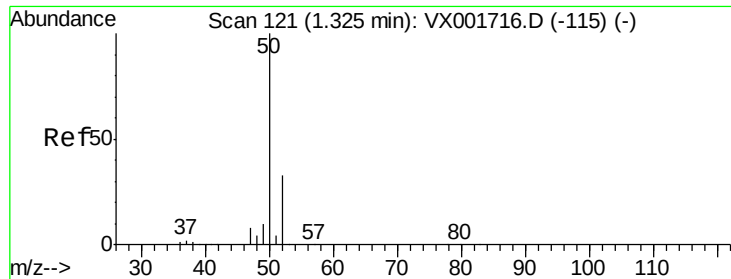
100000

50000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 54.39 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

Instrument :

MSVOA_X

ClientSampleId :

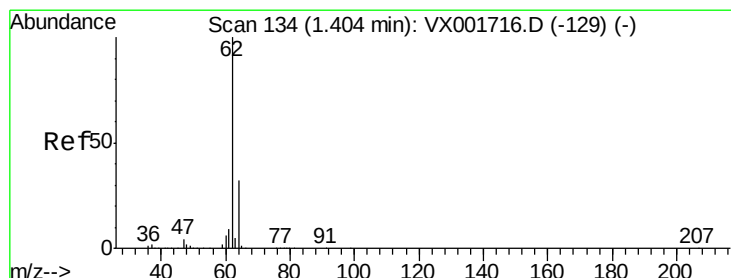
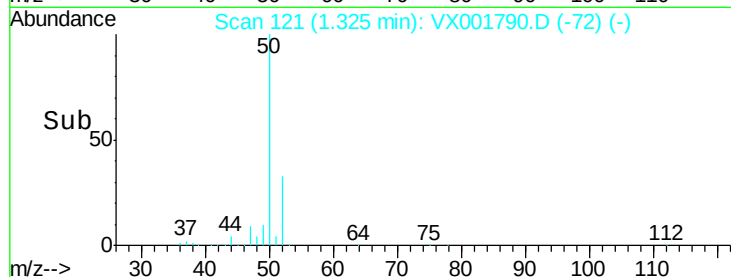
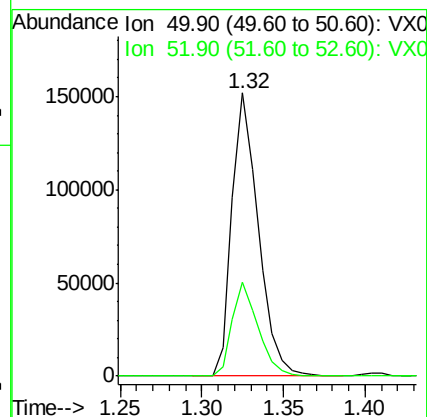
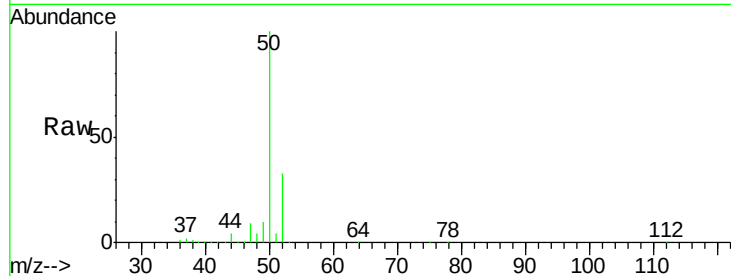
ST008MW157-180508MS

Tgt Ion: 50 Resp: 171189

Ion Ratio Lower Upper

50 100

52 33.2 26.3 39.5



#4

Vinyl Chloride

Concen: 78.45 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001790.D

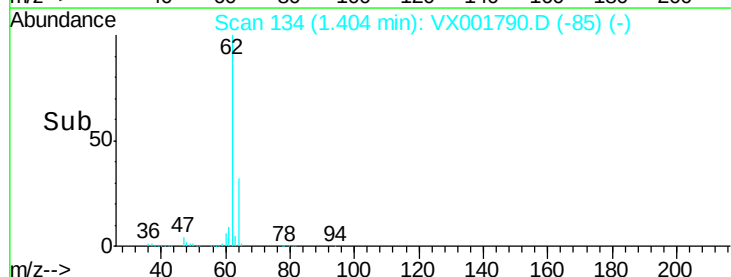
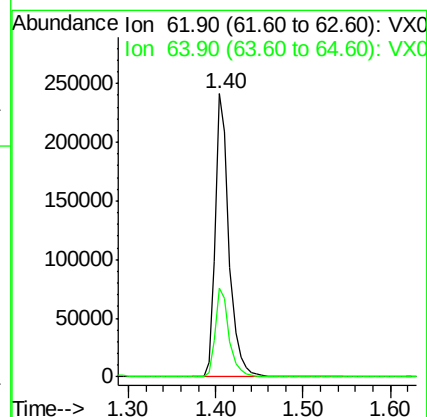
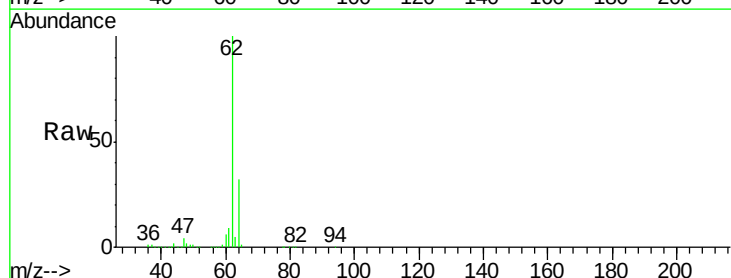
Acq: 17 May 2018 15:06

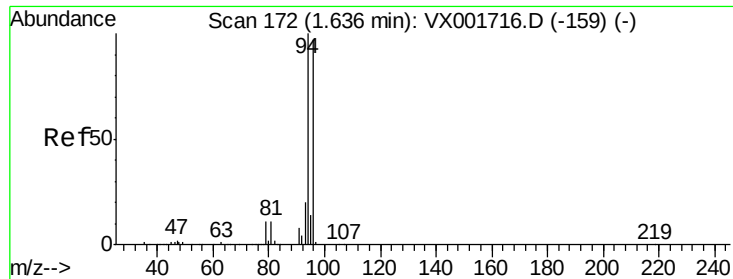
Tgt Ion: 62 Resp: 266936

Ion Ratio Lower Upper

62 100

64 31.5 25.6 38.4





#5

Bromomethane

Concen: 46.56 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

Instrument :

MSVOA_X

ClientSampleId :

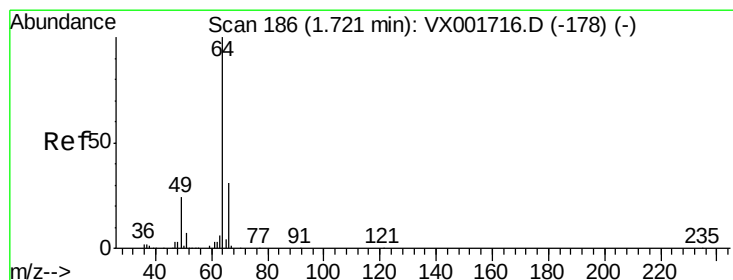
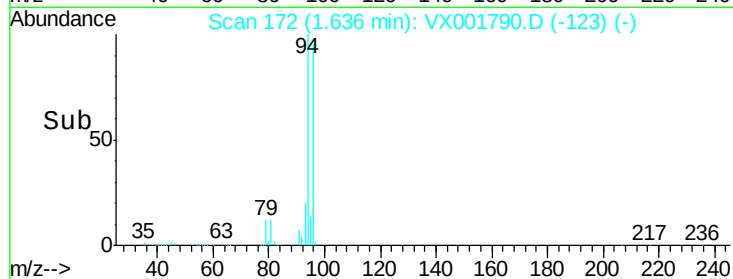
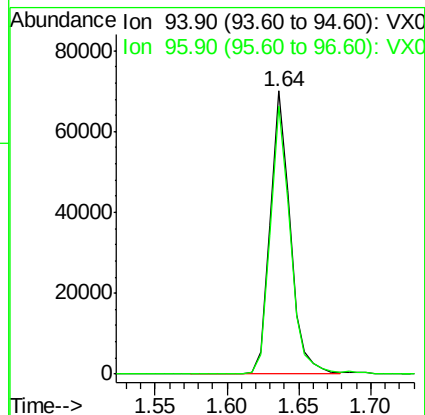
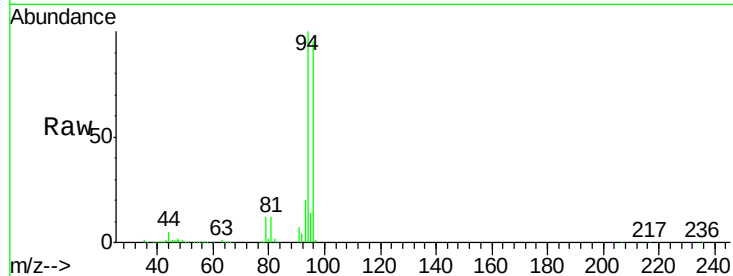
ST008MW157-180508MS

Tgt Ion: 94 Resp: 66985

Ion Ratio Lower Upper

94 100

96 94.9 77.4 116.0



#6

Chloroethane

Concen: 53.41 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001790.D

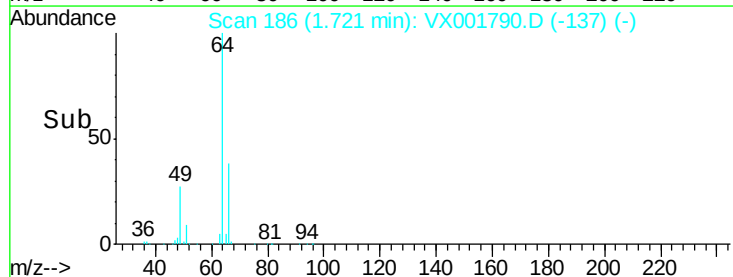
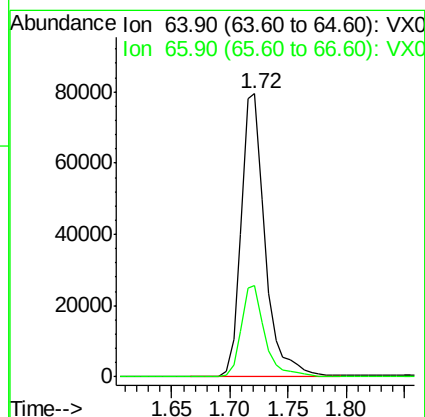
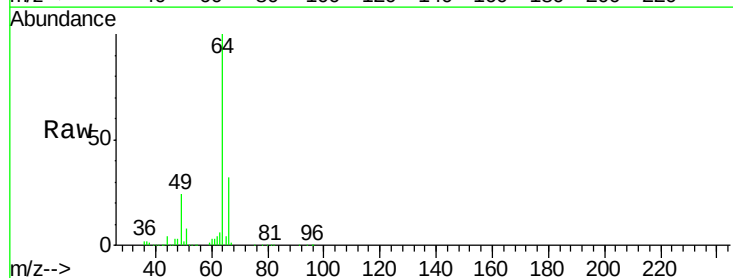
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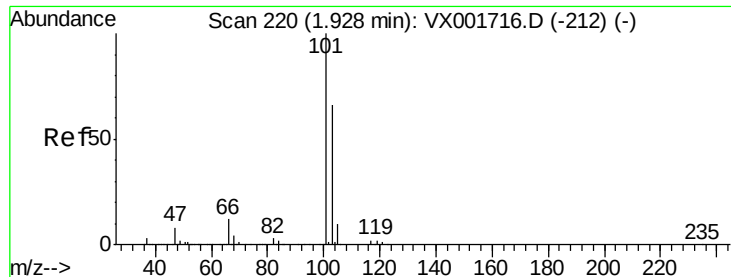
Tgt Ion: 64 Resp: 114467

Ion Ratio Lower Upper

64 100

66 32.3 25.2 37.8





#7

Trichlorofluoromethane

Concen: 49.82 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

Instrument :

MSVOA_X

ClientSampleId :

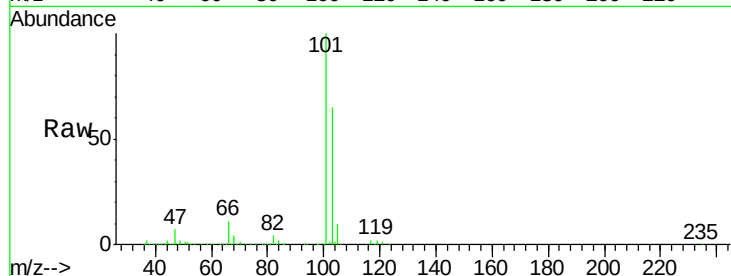
ST008MW157-180508MS

Tgt Ion:101 Resp: 246340

Ion Ratio Lower Upper

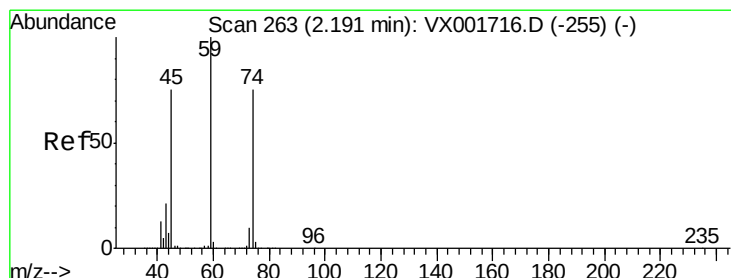
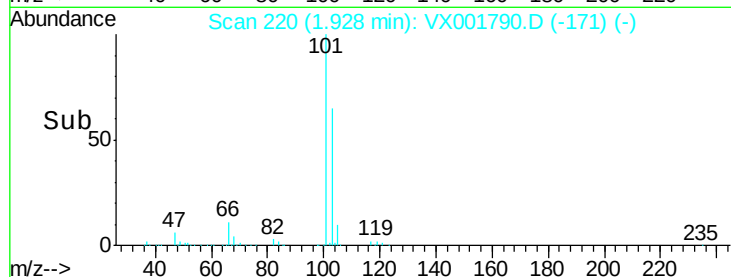
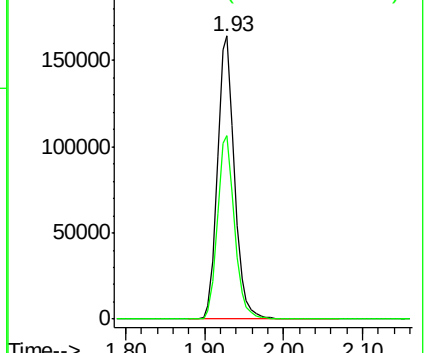
101 100

103 64.8 52.6 78.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 53.03 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001790.D

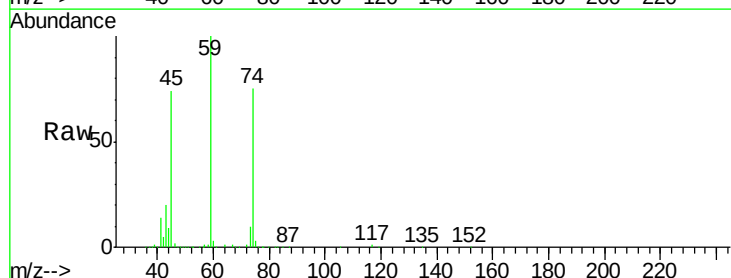
Acq: 17 May 2018 15:06

Tgt Ion: 74 Resp: 107924

Ion Ratio Lower Upper

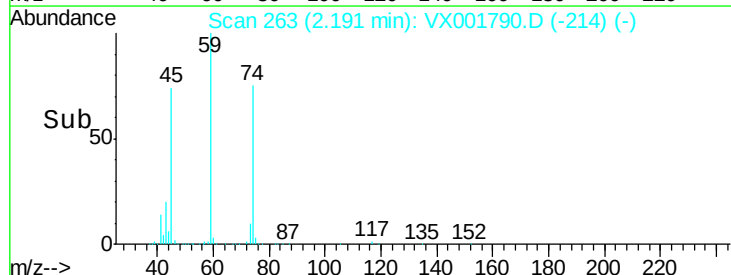
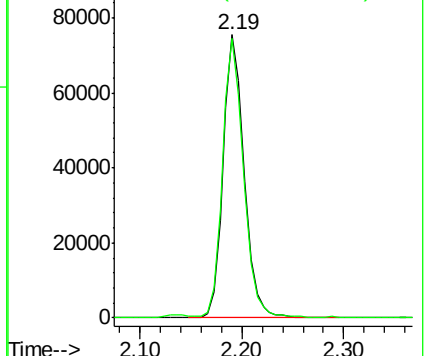
74 100

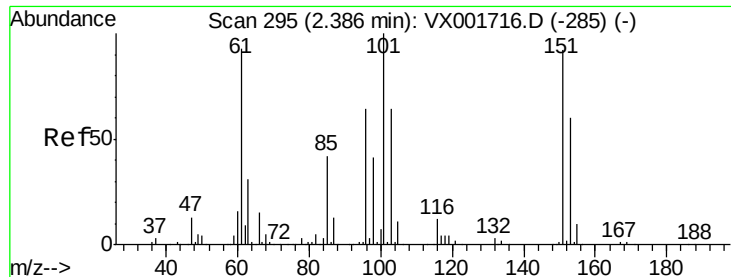
45 97.8 50.0 149.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.01 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

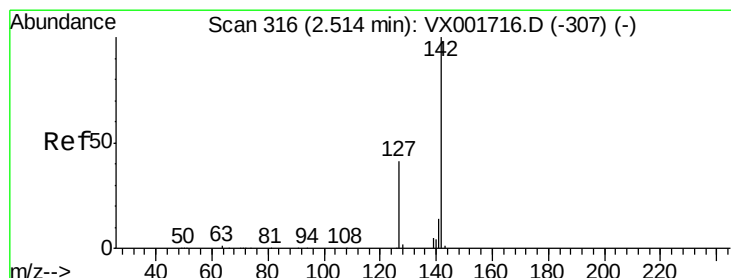
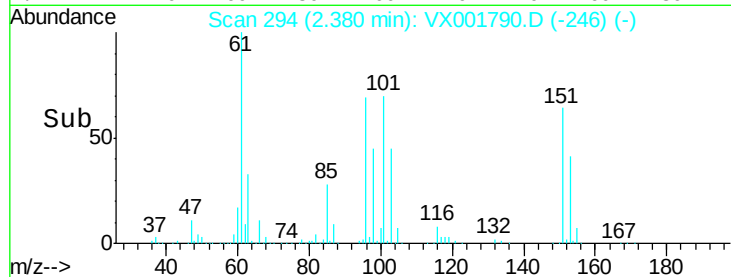
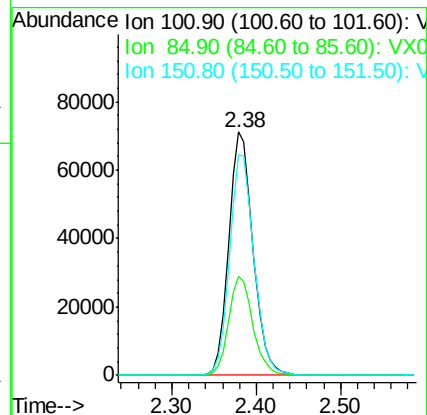
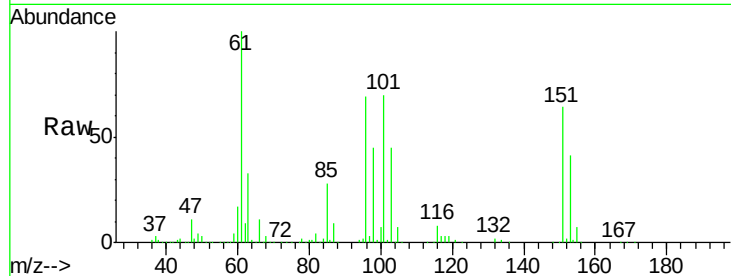
Instrument :

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ClientSampleId :

ST008MW157-180508MS

Tgt Ion:	101	Resp:	139922
Ion	Ratio	Lower	Upper
101	100		
85	40.8	33.7	50.5
151	91.8	73.0	109.6



#10

Methyl Iodide

Concen: 71.53 ug/l

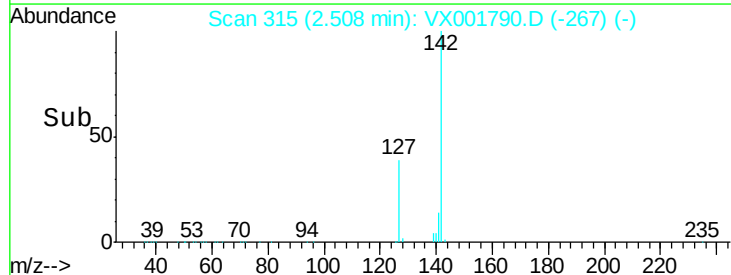
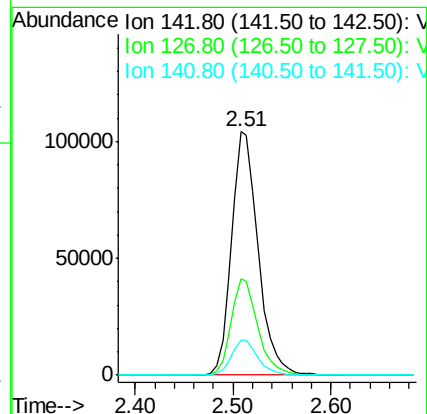
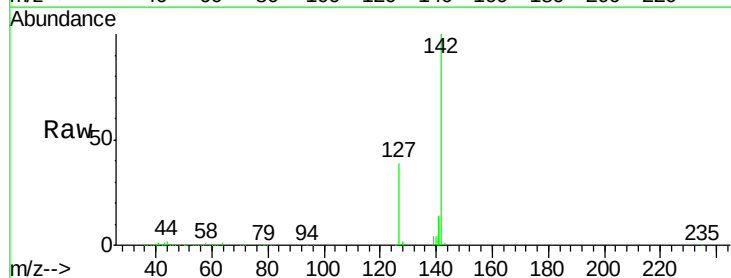
RT: 2.51 min Scan# 315

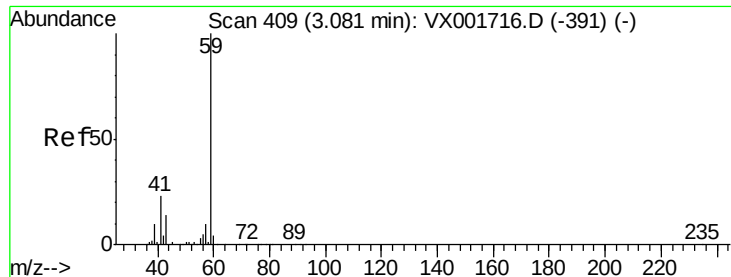
Delta R.T. -0.01 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

Tgt Ion:	142	Resp:	195910
Ion	Ratio	Lower	Upper
142	100		
127	39.5	32.5	48.7
141	14.4	11.4	17.0





#11

Tert butyl alcohol

Concen: 258.30 ug/l

RT: 3.09 min Scan# 410

Delta R.T. 0.01 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

Instrument :

MSVOA_X

ClientSampleId :

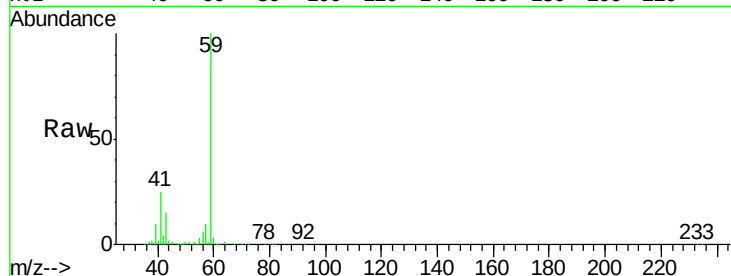
ST008MW157-180508MS

Tgt Ion: 59 Resp: 178468

Ion Ratio Lower Upper

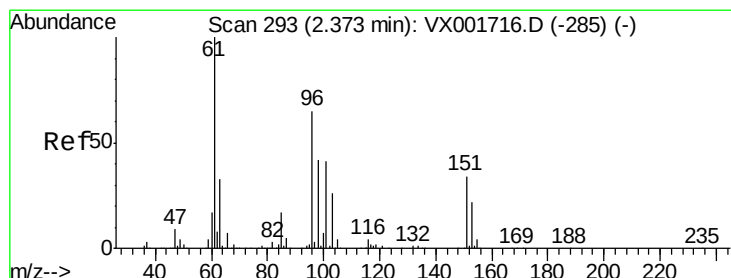
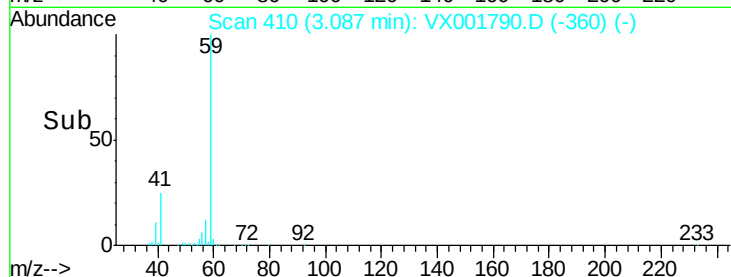
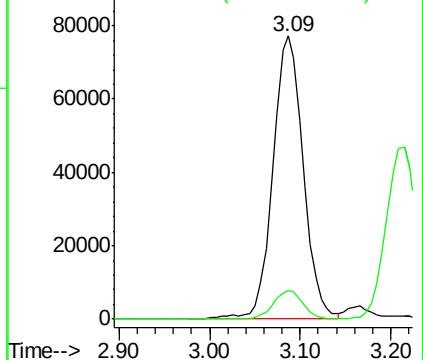
59 100

57 10.0 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 50.01 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

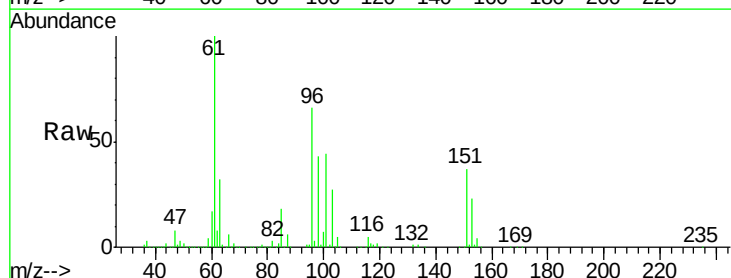
Tgt Ion: 96 Resp: 143507

Ion Ratio Lower Upper

96 100

61 152.4 122.2 183.2

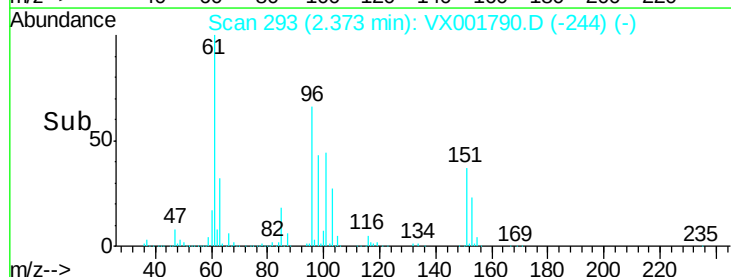
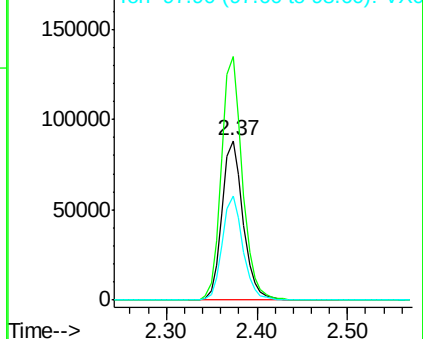
98 65.1 51.4 77.0

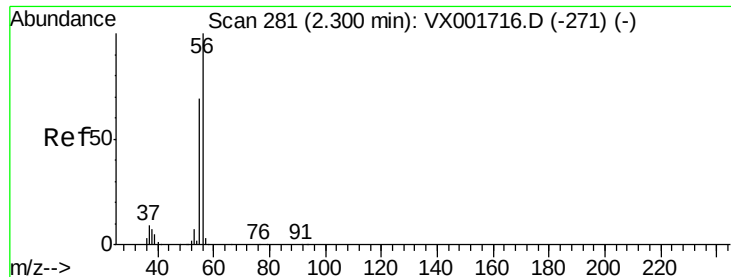


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

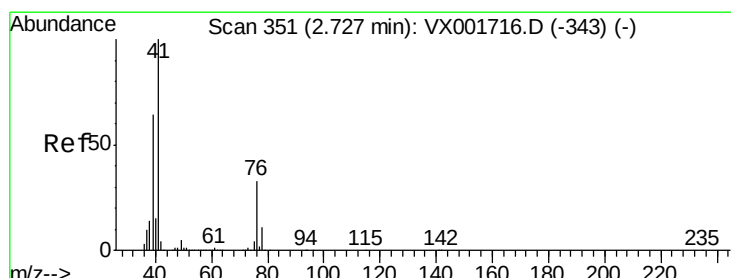
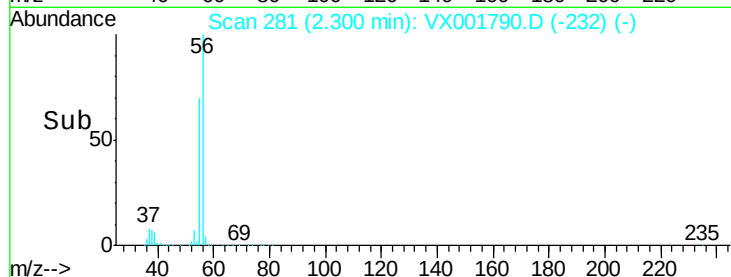
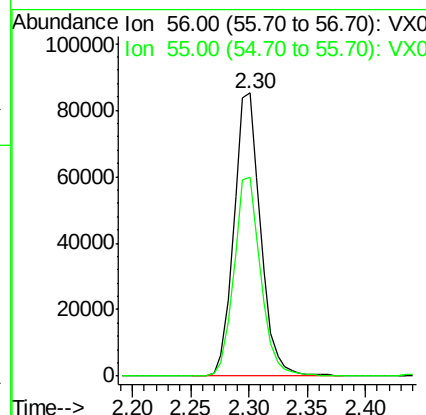
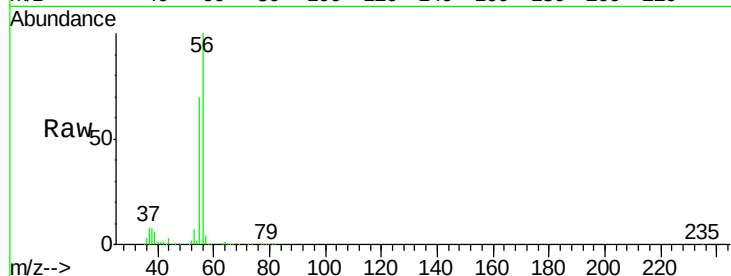




#13
 Acrolein
 Concen: 277.61 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. 0.00 min
 Lab File: VX001790.D
 Acq: 17 May 2018 15:06

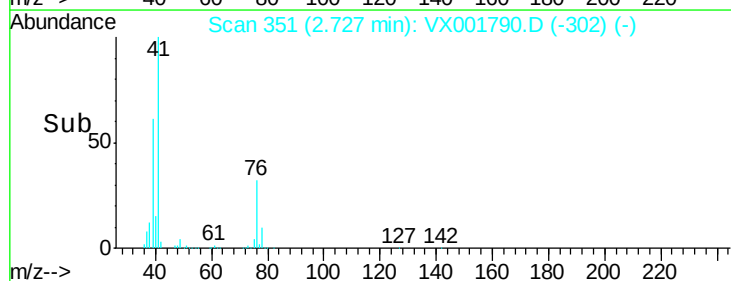
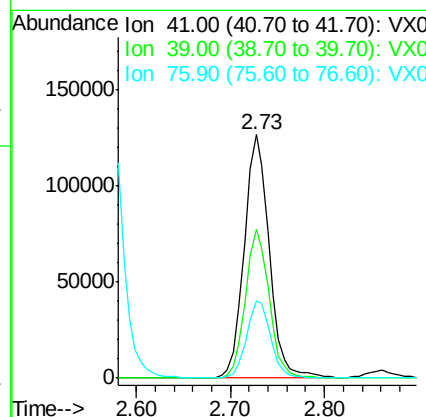
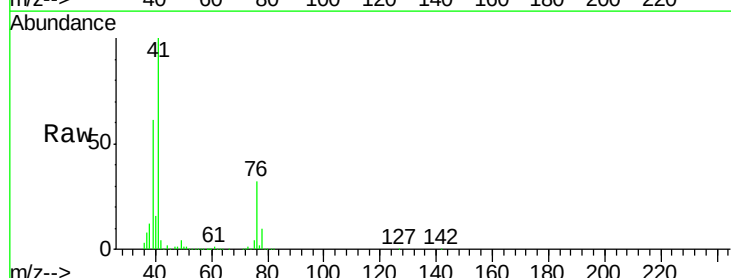
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW157-180508MS

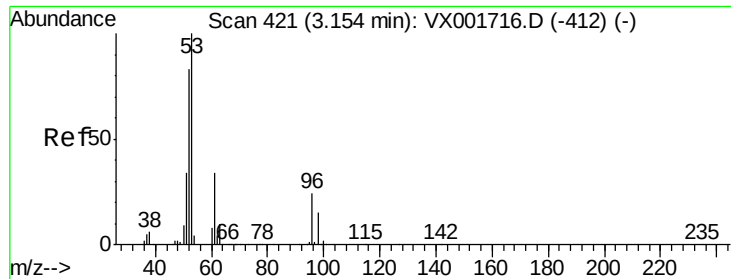
Tgt Ion: 56 Resp: 136038
 Ion Ratio Lower Upper
 56 100
 55 69.9 56.2 84.2



#14
 Allyl chloride
 Concen: 44.09 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX001790.D
 Acq: 17 May 2018 15:06

Tgt Ion: 41 Resp: 233862
 Ion Ratio Lower Upper
 41 100
 39 58.3 49.8 74.6
 76 30.9 25.8 38.8





#15

Acrylonitrile

Concen: 269.05 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-180508MS

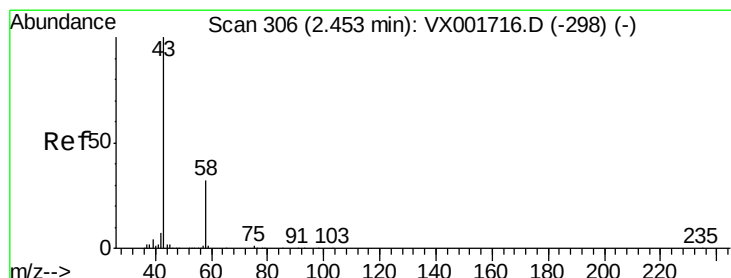
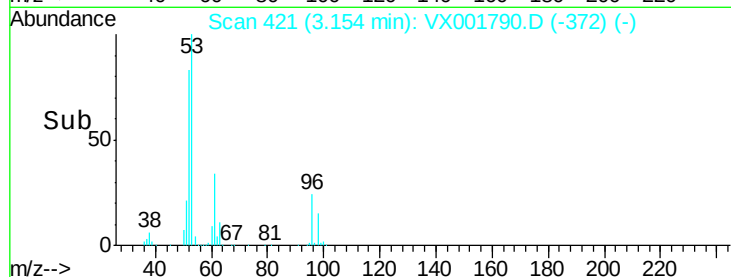
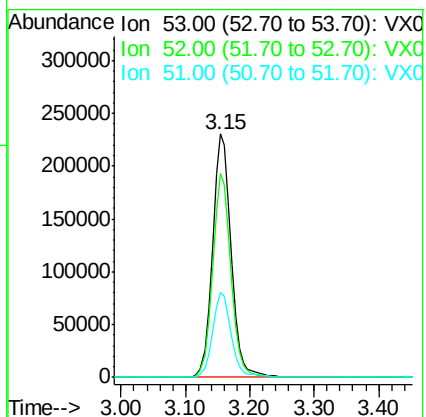
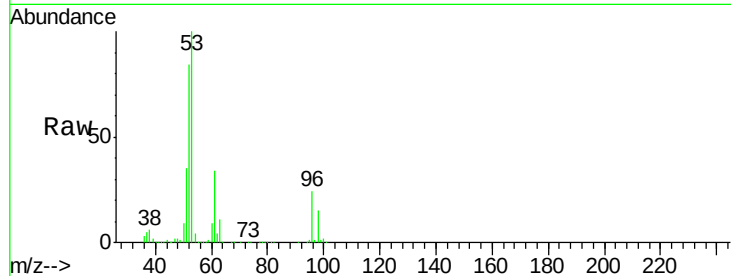
Tgt Ion: 53 Resp: 466913

Ion Ratio Lower Upper

53 100

52 81.9 65.6 98.4

51 34.8 28.1 42.1



#16

Acetone

Concen: 260.93 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001790.D

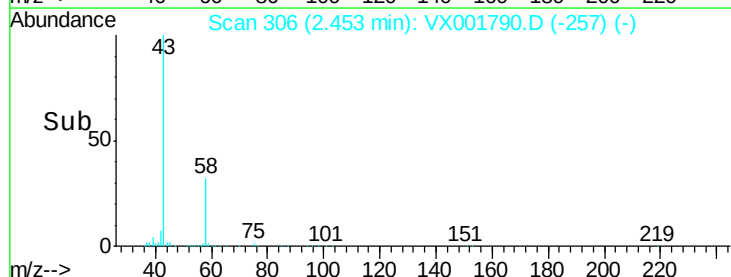
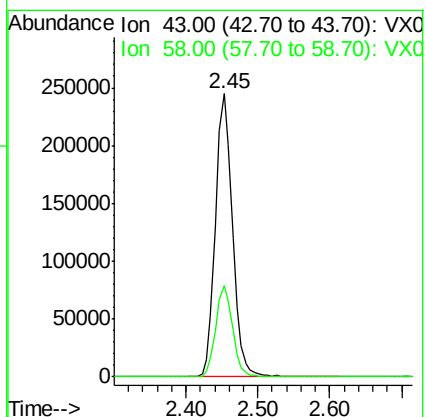
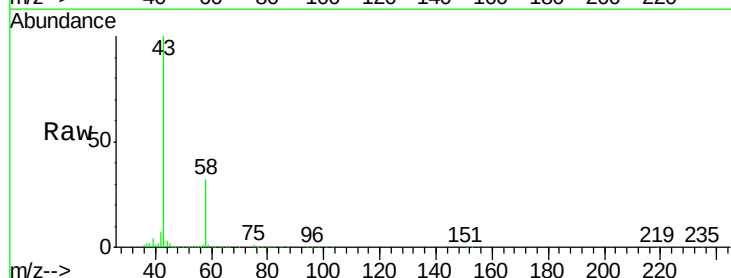
Acq: 17 May 2018 15:06

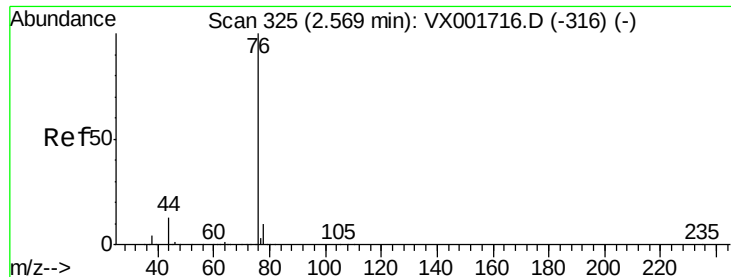
Tgt Ion: 43 Resp: 398837

Ion Ratio Lower Upper

43 100

58 32.1 25.3 37.9

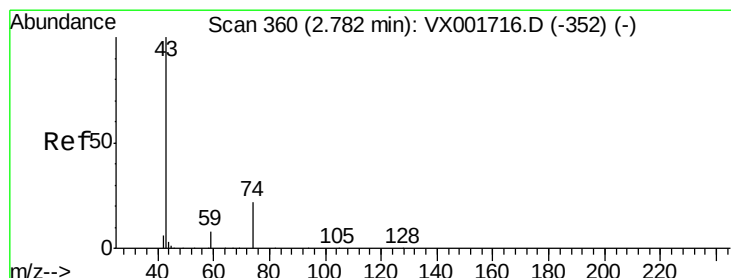
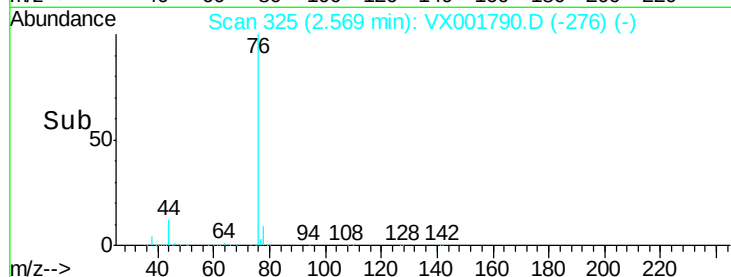
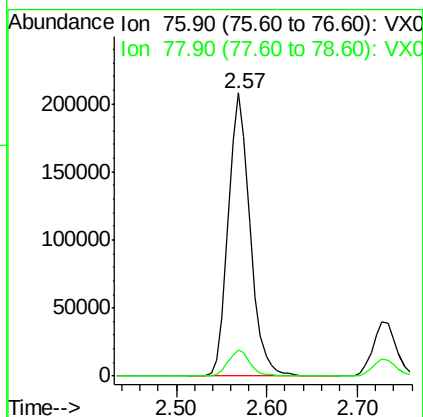
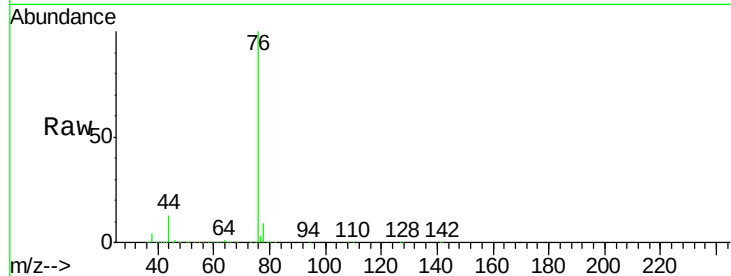




#17
Carbon Disulfide
Concen: 46.60 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

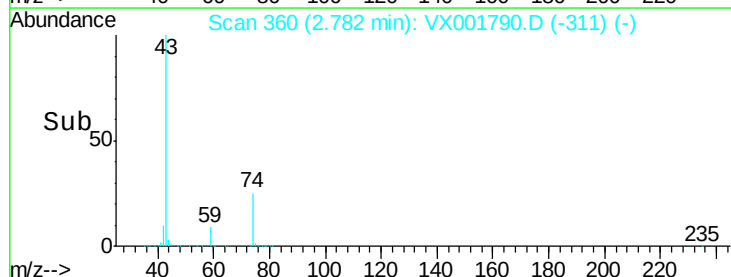
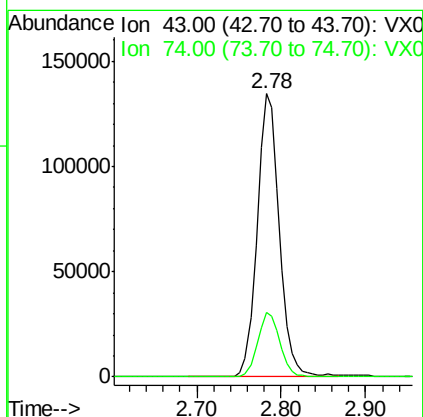
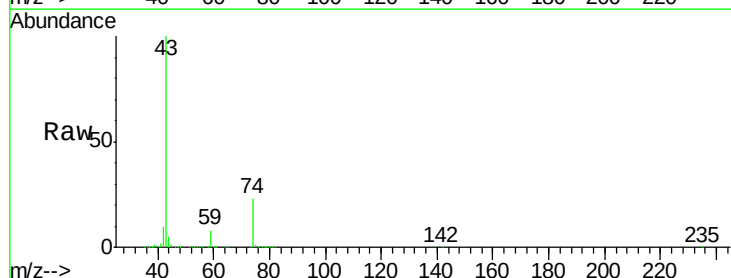
Instrument :
MSVOA_X
ClientSampleId :
ST008MW157-180508MS

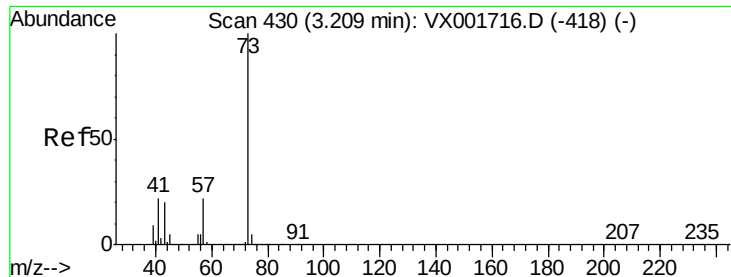
Tgt Ion: 76 Resp: 348856
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4



#18
Methyl Acetate
Concen: 54.29 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

Tgt Ion: 43 Resp: 242607
Ion Ratio Lower Upper
43 100
74 23.1 18.2 27.2

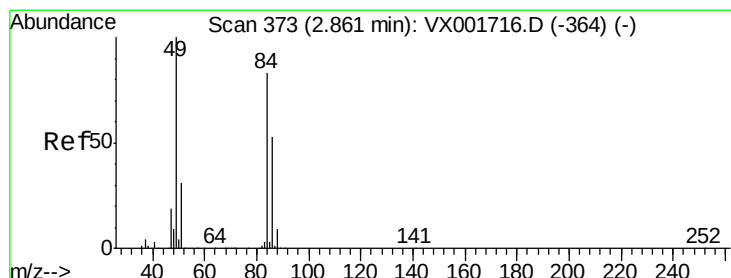
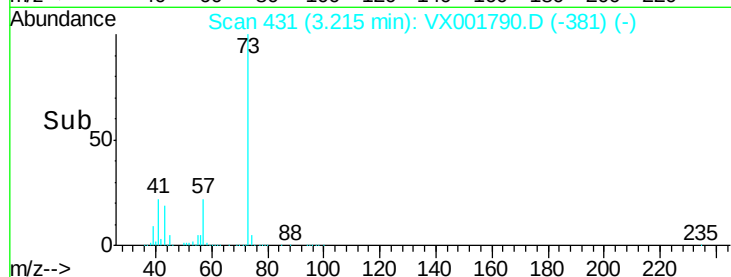
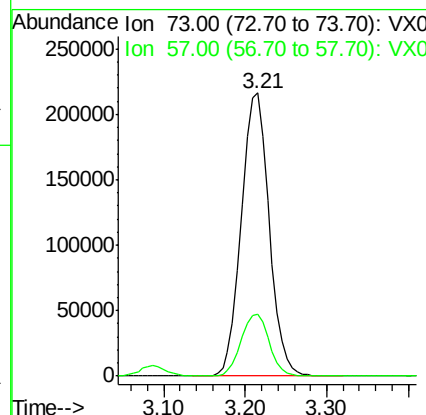
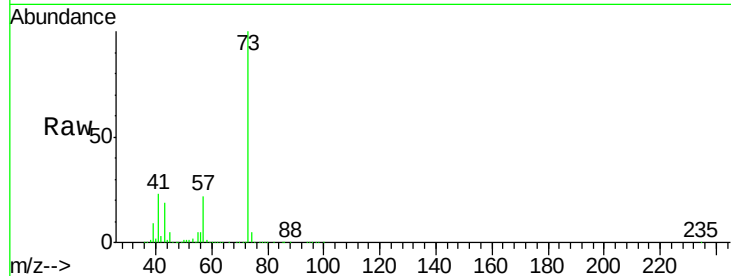




#19
Methyl tert-butyl Ether
Concen: 52.91 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

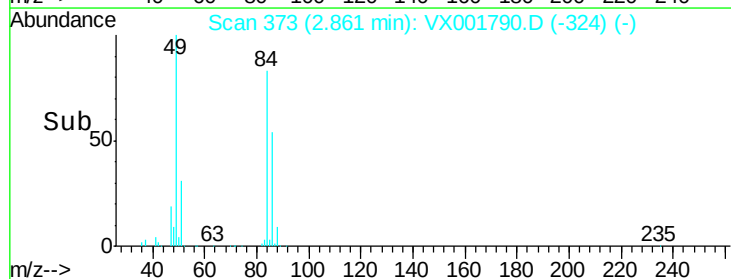
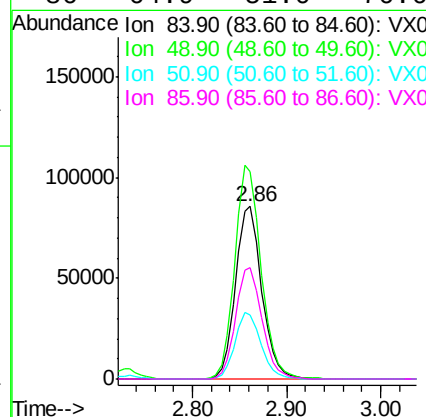
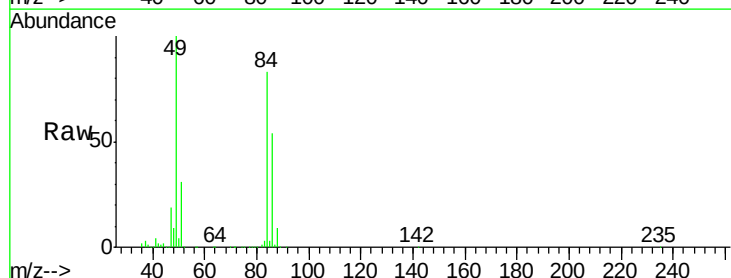
Instrument :
MSVOA_X
ClientSampleId :
ST008MW157-180508MS

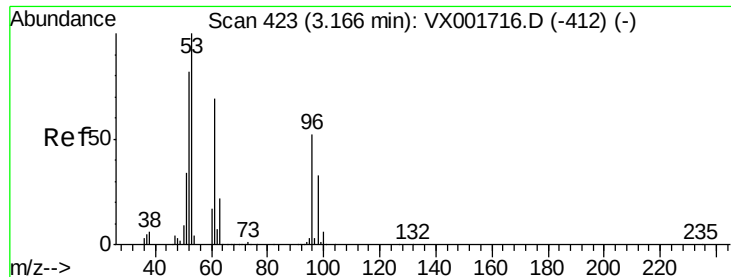
Tgt Ion: 73 Resp: 511792
Ion Ratio Lower Upper
73 100
57 21.7 17.5 26.3



#20
Methylene Chloride
Concen: 50.98 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

Tgt Ion: 84 Resp: 166802
Ion Ratio Lower Upper
84 100
49 120.3 96.3 144.5
51 36.9 29.8 44.6
86 64.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 48.39 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-180508MS

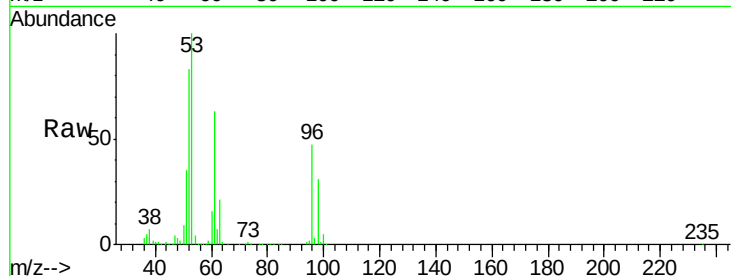
Tgt Ion: 96 Resp: 152967

Ion Ratio Lower Upper

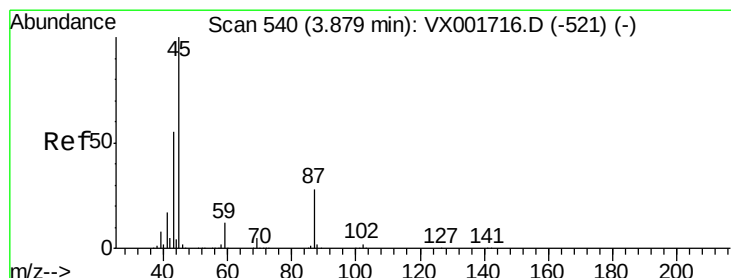
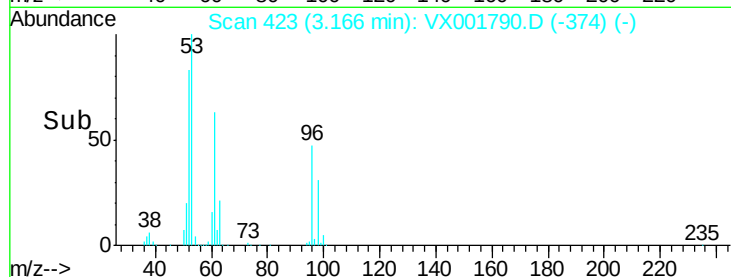
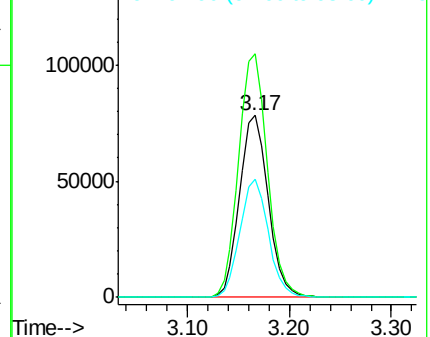
96 100

61 133.7 105.8 158.8

98 65.2 50.2 75.4



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



#22

Diisopropyl ether

Concen: 53.53 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

Tgt Ion: 45 Resp: 544709

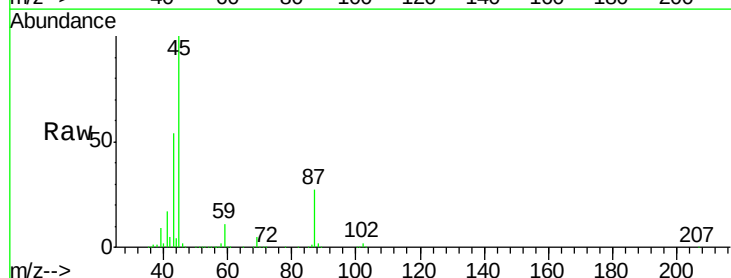
Ion Ratio Lower Upper

45 100

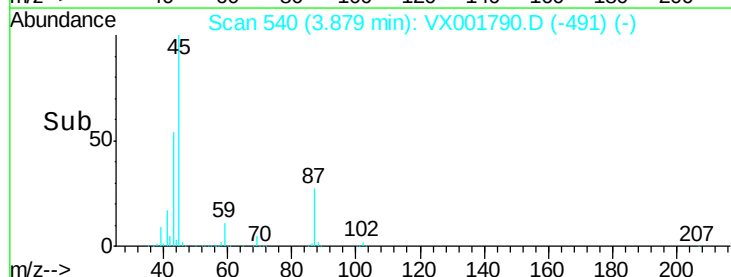
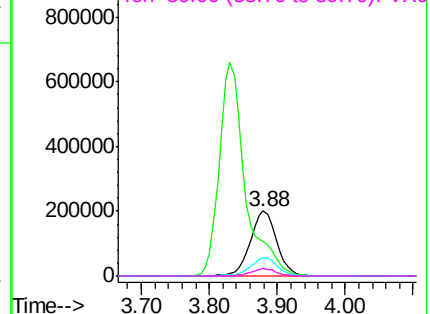
43 53.6 44.3 66.5

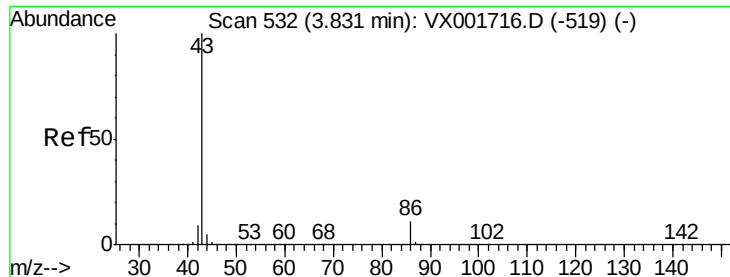
87 27.2 22.6 33.8

59 11.3 9.4 14.0



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

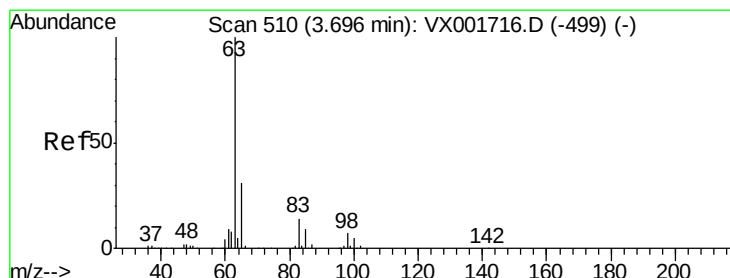
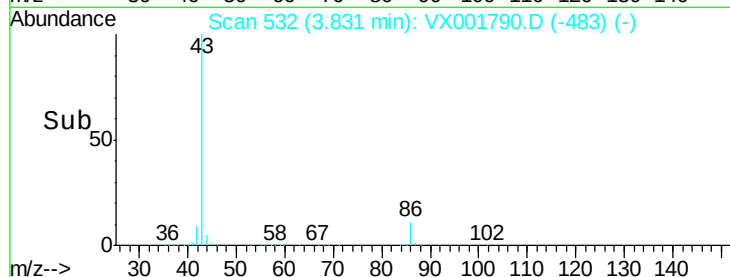
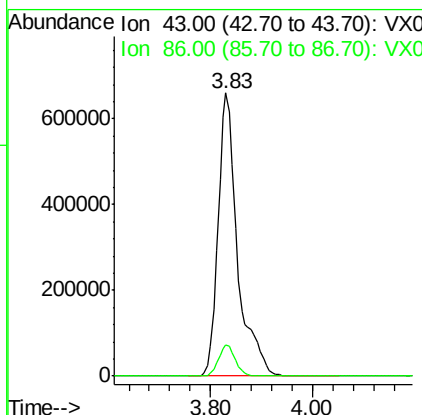
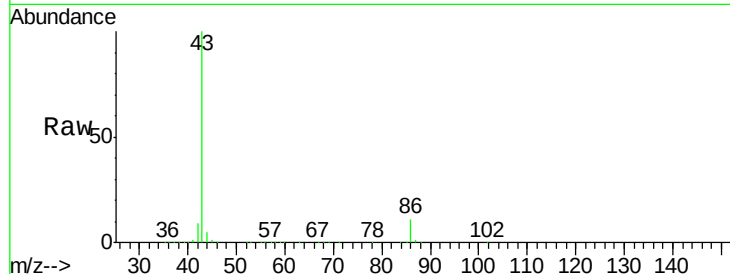




#23
 Vinyl Acetate
 Concen: 238.98 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX001790.D
 Acq: 17 May 2018 15:06

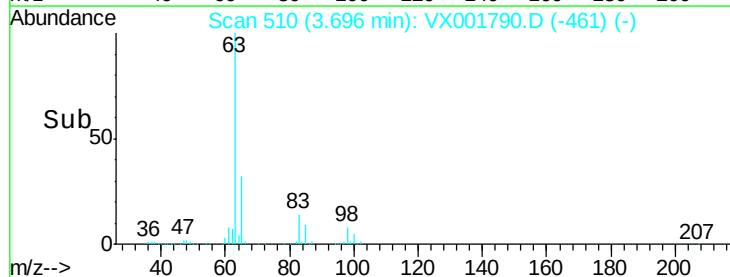
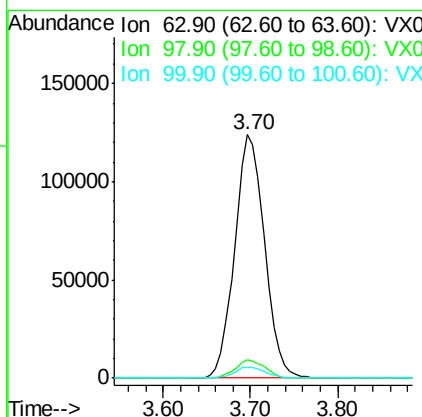
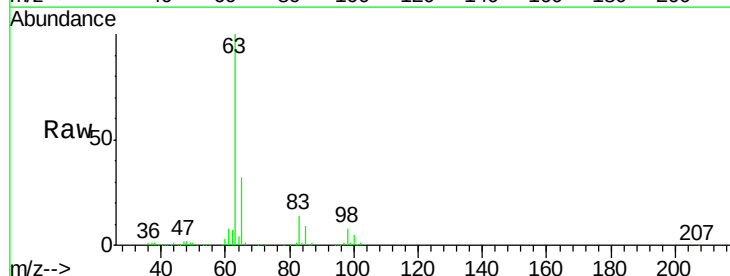
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW157-180508MS

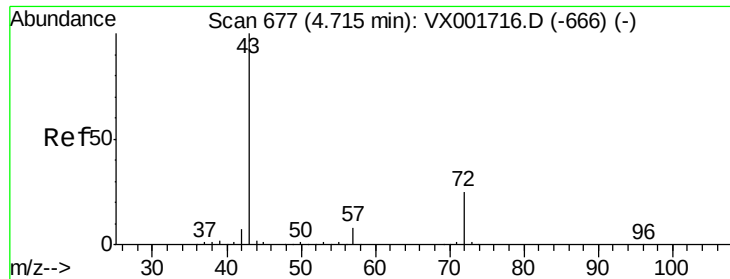
Tgt Ion: 43 Resp: 1752085
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 52.84 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX001790.D
 Acq: 17 May 2018 15:06

Tgt Ion: 63 Resp: 294866
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.7 11.1
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 277.36 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

Instrument :

MSVOA_X

ClientSampleId :

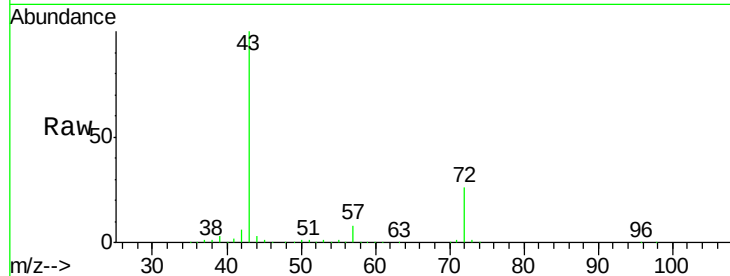
ST008MW157-180508MS

Tgt Ion: 43.00 Resp: 649076

Ion Ratio Lower Upper

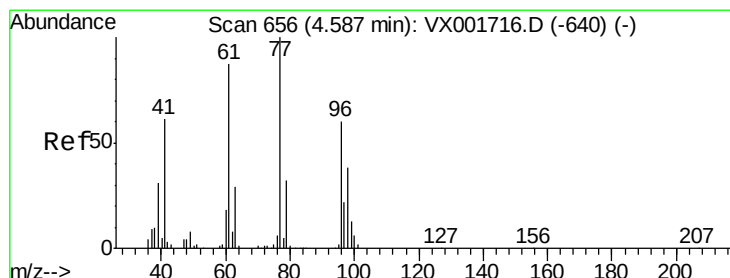
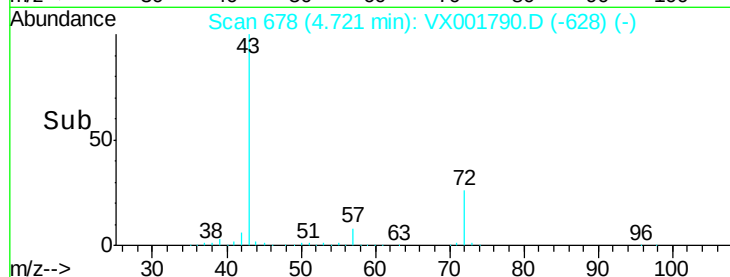
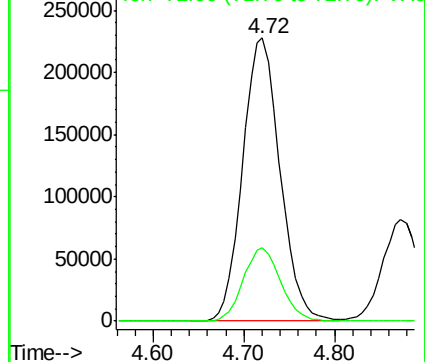
43 100

72 25.8 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 8.01 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX001790.D

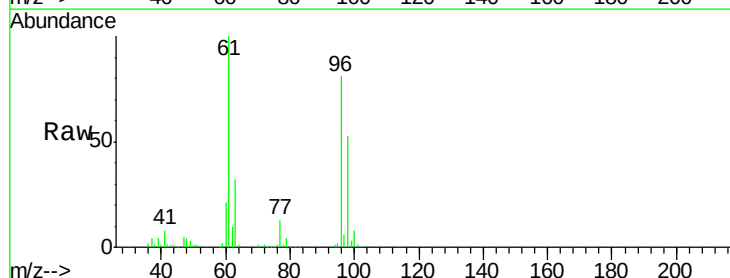
Acq: 17 May 2018 15:06

Tgt Ion: 77 Resp: 35984

Ion Ratio Lower Upper

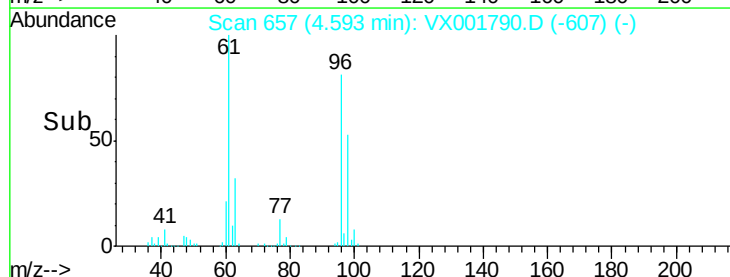
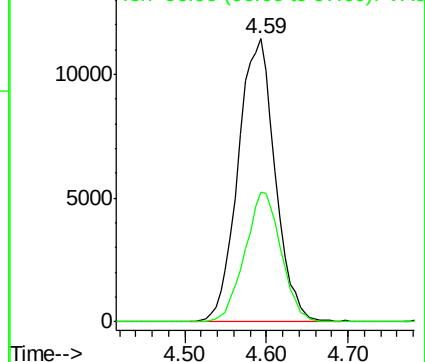
77 100

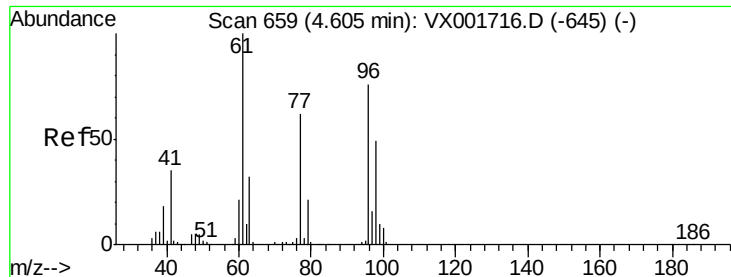
97 44.8 11.6 34.8#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 61.85 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-180508MS

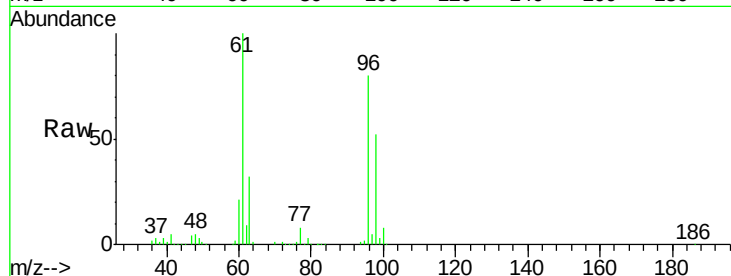
Tgt Ion: 96 Resp: 222487

Ion Ratio Lower Upper

96 100

61 125.7 0.0 280.4

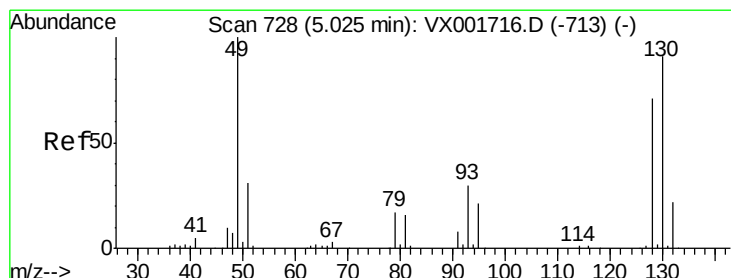
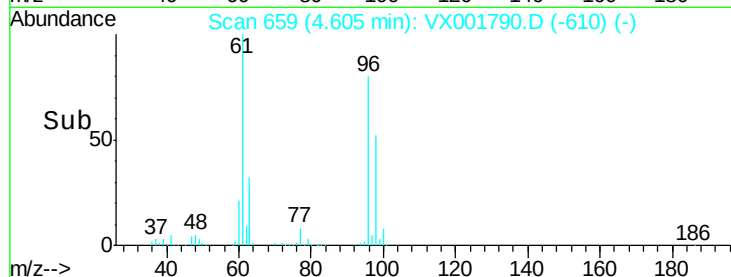
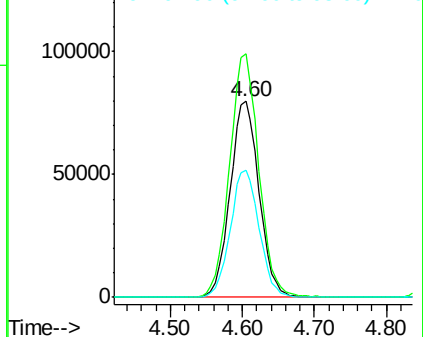
98 64.7 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 58.75 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

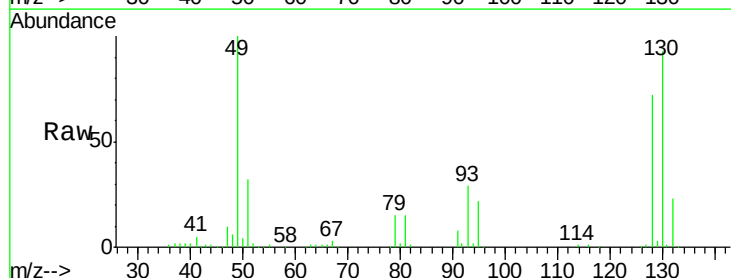
Tgt Ion: 49 Resp: 145627

Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.0

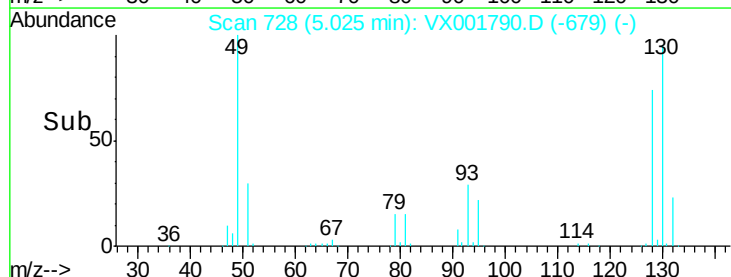
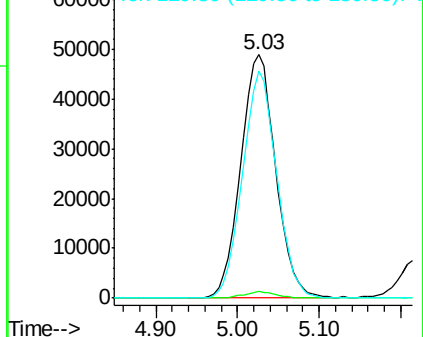
130 91.1 71.8 107.6

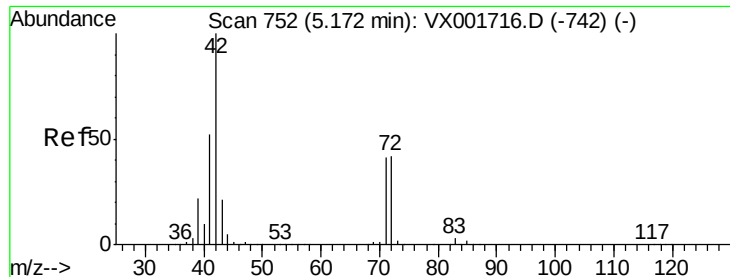


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

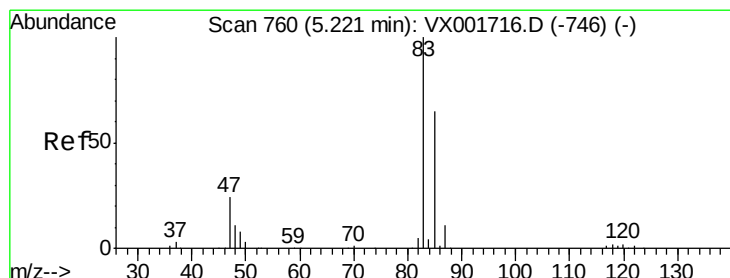
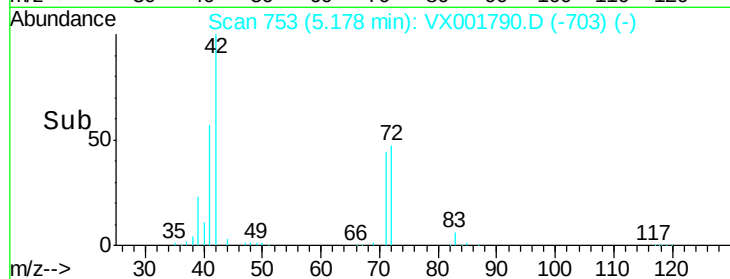
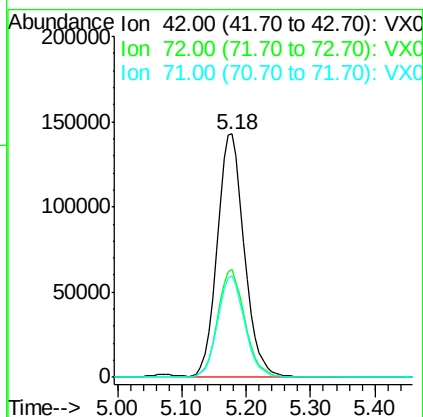
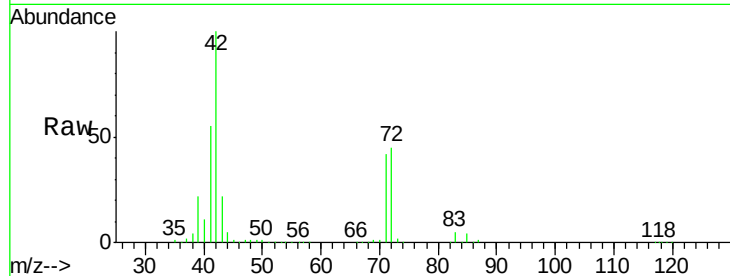




#29
Tetrahydrofuran
Concen: 276.59 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

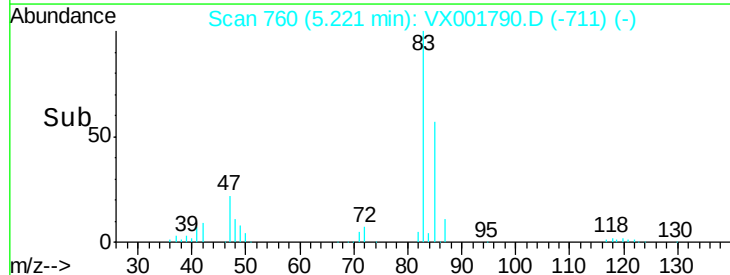
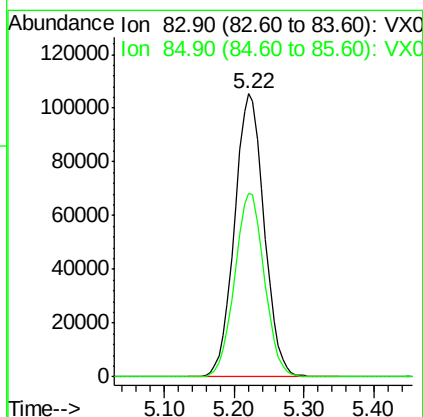
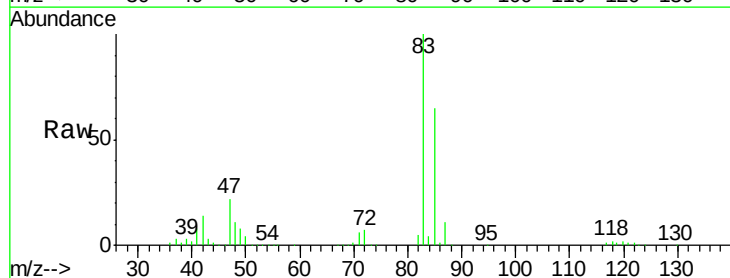
Instrument :
MSVOA_X
ClientSampleId :
ST008MW157-180508MS

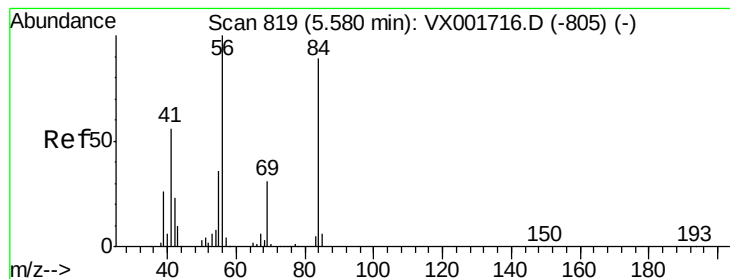
Tgt Ion: 42 Resp: 421920
Ion Ratio Lower Upper
42 100
72 44.7 35.4 53.2
71 41.5 33.2 49.8



#30
Chloroform
Concen: 52.77 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

Tgt Ion: 83 Resp: 309344
Ion Ratio Lower Upper
83 100
85 64.9 52.3 78.5





#31

Cyclohexane

Concen: 52.04 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-180508MS

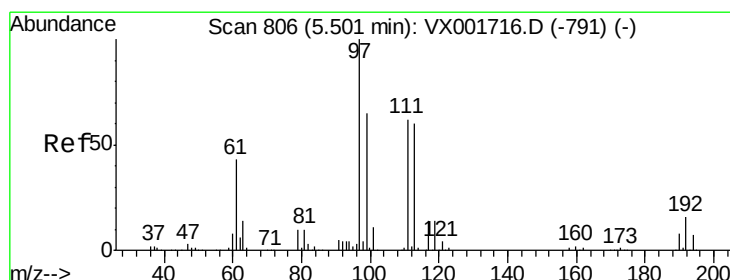
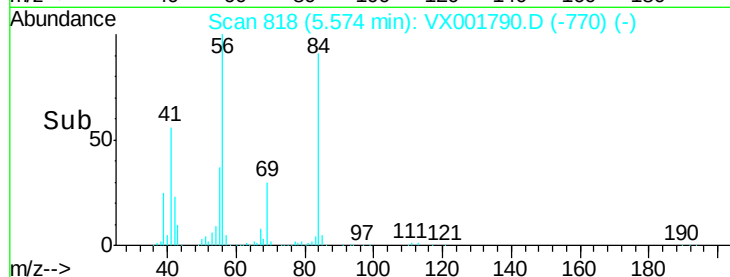
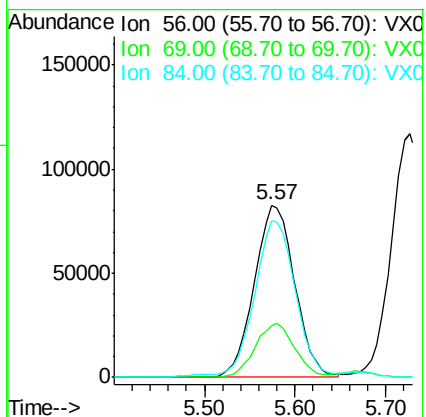
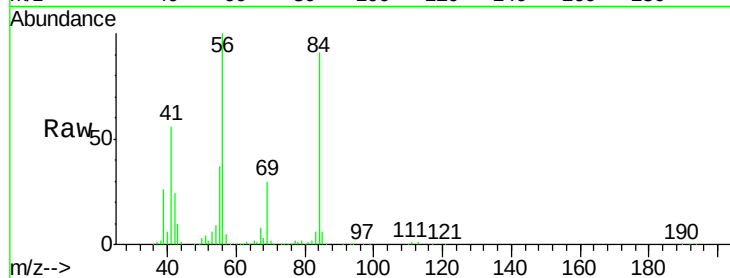
Tgt Ion: 56 Resp: 254571

Ion Ratio Lower Upper

56 100

69 30.2 25.0 37.6

84 89.7 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 52.64 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

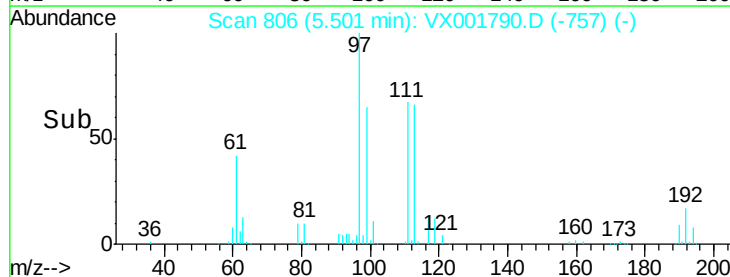
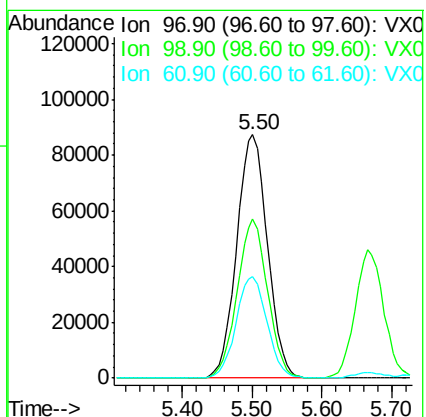
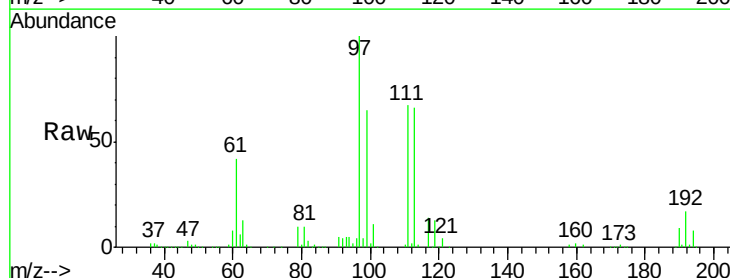
Tgt Ion: 97 Resp: 266629

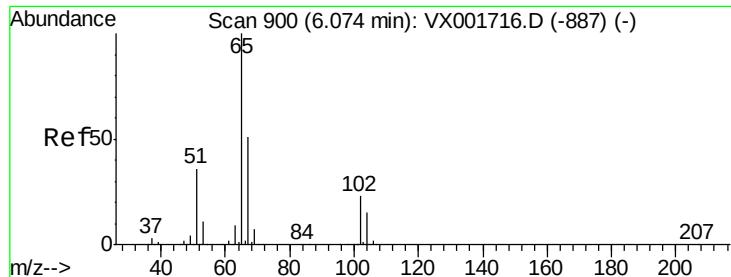
Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 42.2 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 51.88 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

Instrument :

MSVOA_X

ClientSampleId :

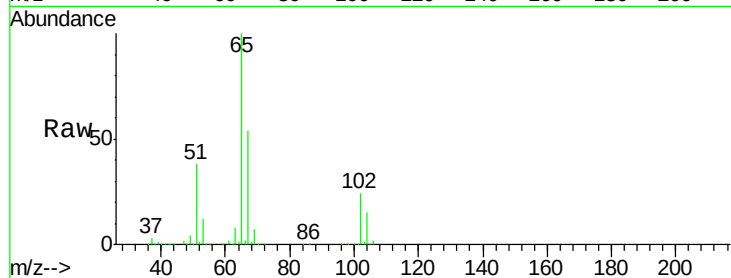
ST008MW157-180508MS

Tgt Ion: 65 Resp: 201895

Ion Ratio Lower Upper

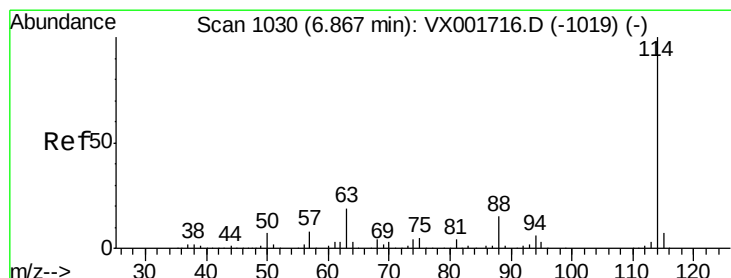
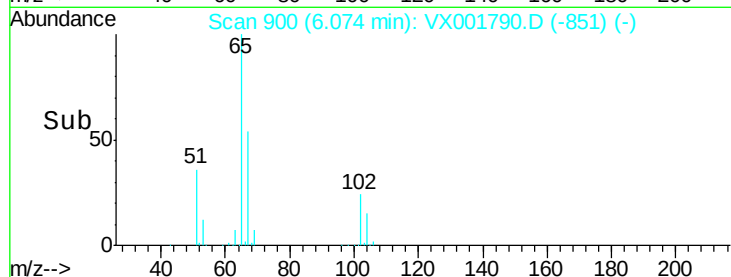
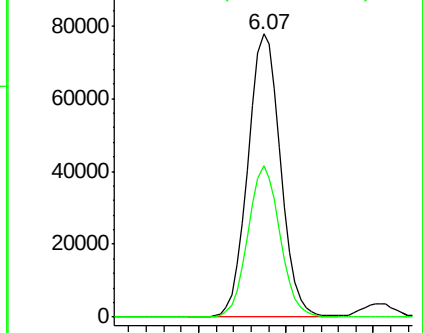
65 100

67 52.6 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

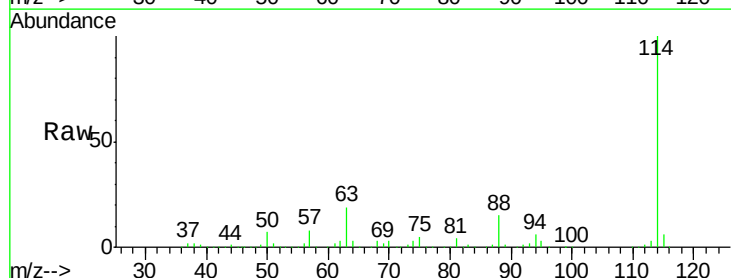
Tgt Ion: 114 Resp: 399467

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.0

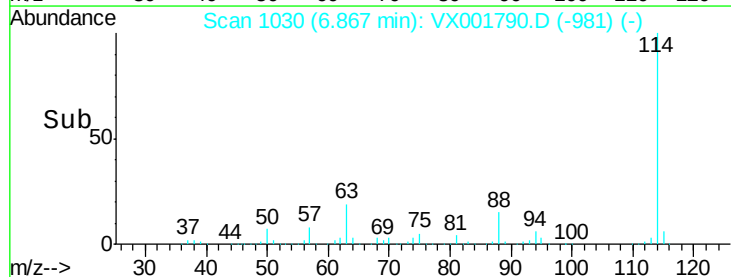
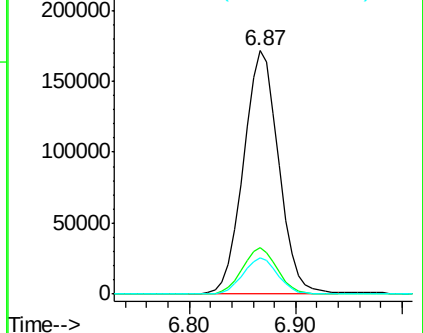
88 15.0 0.0 29.8

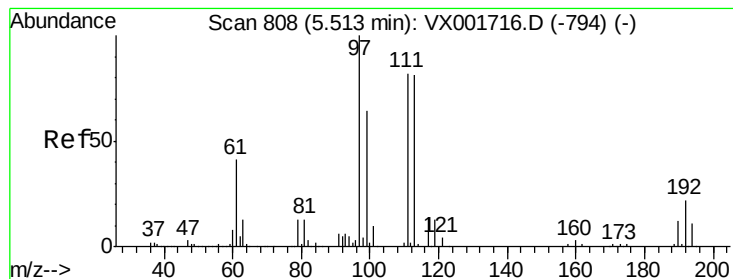


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.91 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-180508MS

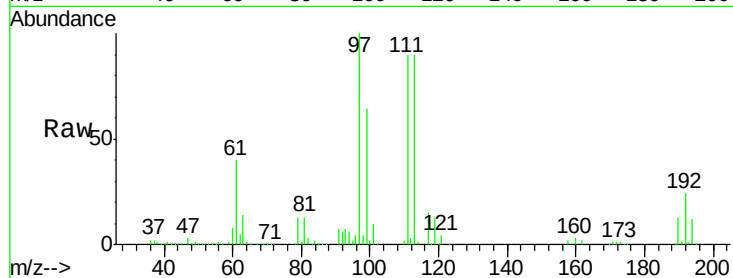
Tgt Ion:113 Resp: 178383

Ion Ratio Lower Upper

113 100

111 101.5 82.0 123.0

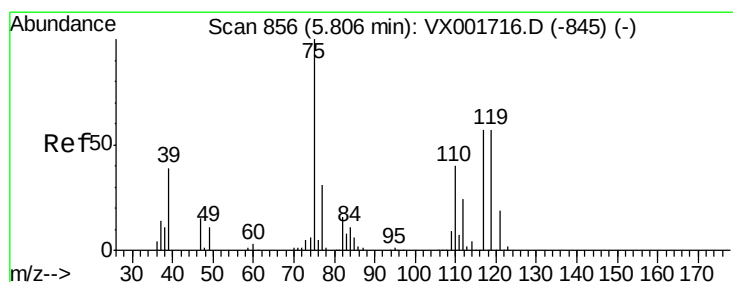
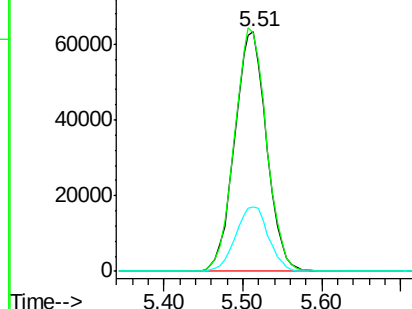
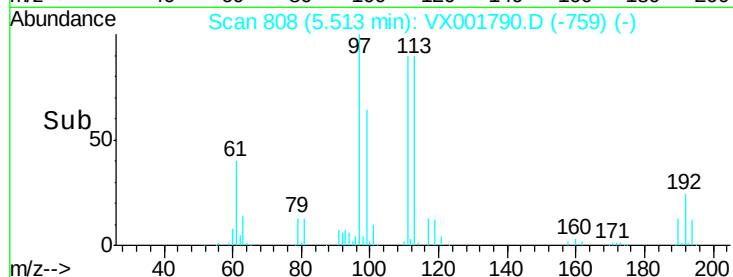
192 27.7 21.6 32.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.86 ug/l

RT: 5.80 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

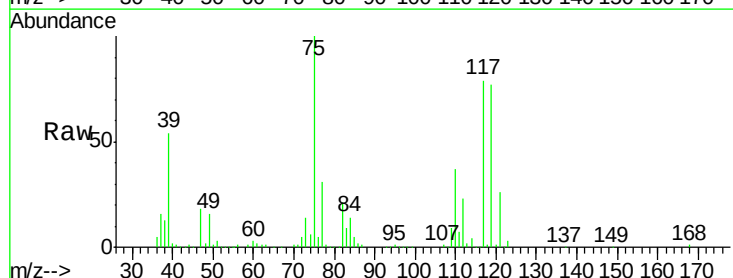
Tgt Ion: 75 Resp: 215490

Ion Ratio Lower Upper

75 100

110 38.6 19.1 57.1

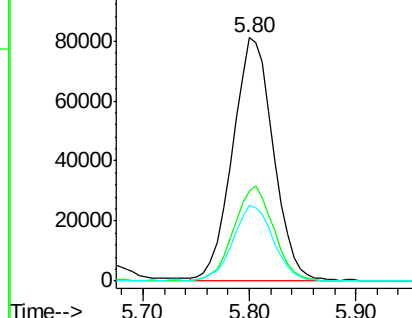
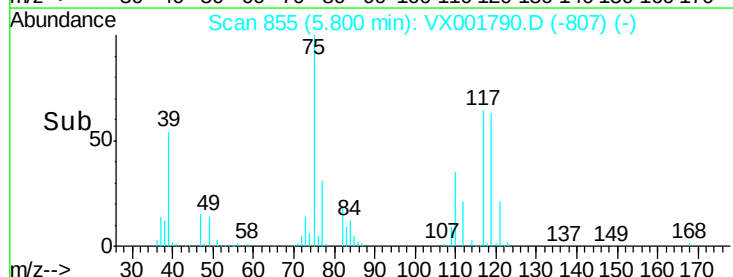
77 31.0 24.6 37.0

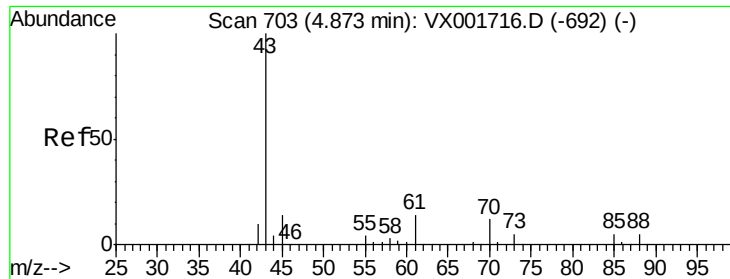


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

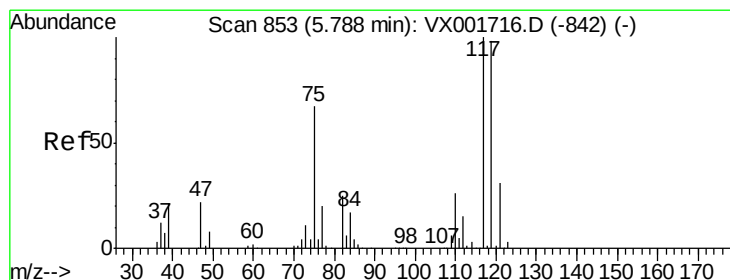
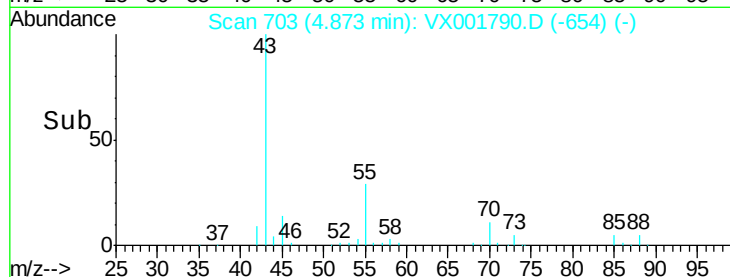
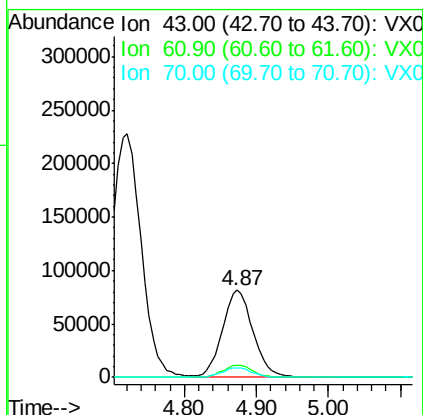
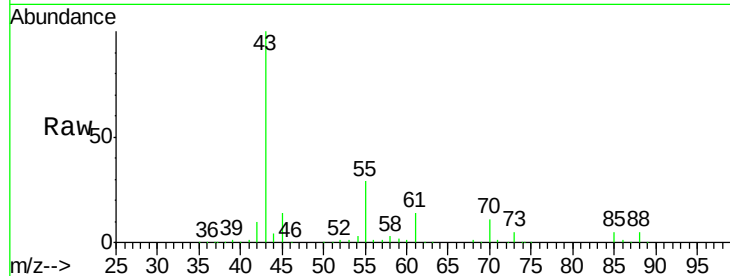




#37
Ethyl Acetate
Concen: 50.21 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

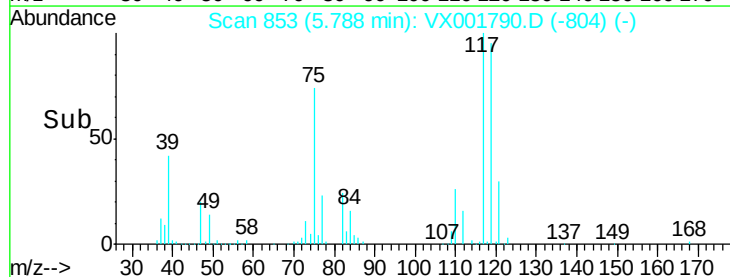
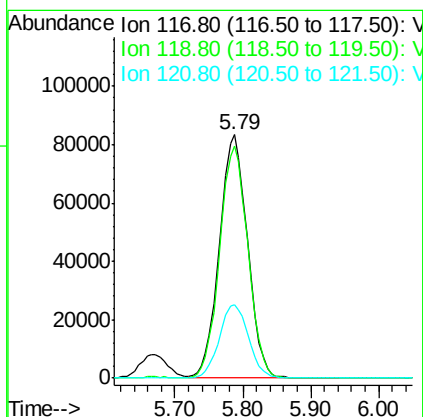
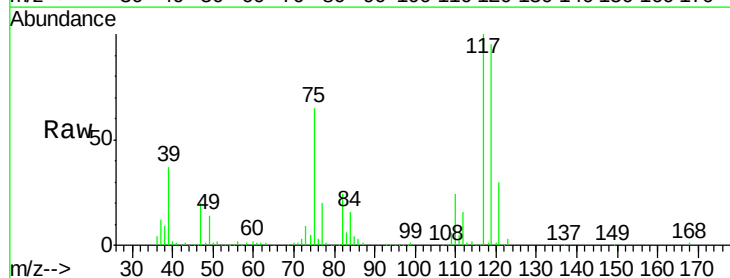
Instrument :
MSVOA_X
ClientSampleId :
ST008MW157-180508MS

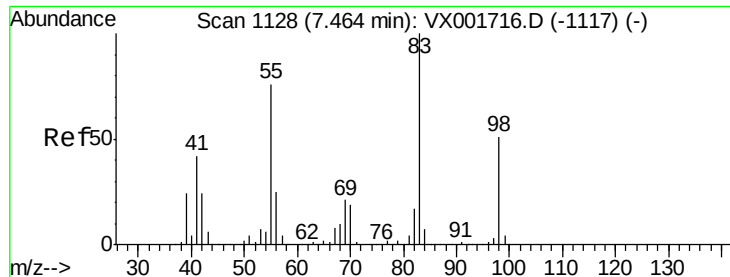
Tgt Ion: 43 Resp: 240616
Ion Ratio Lower Upper
43 100
61 14.0 10.9 16.3
70 11.0 8.8 13.2



#38
Carbon Tetrachloride
Concen: 49.60 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

Tgt Ion: 117 Resp: 238923
Ion Ratio Lower Upper
117 100
119 95.3 77.6 116.4
121 30.1 24.6 36.8

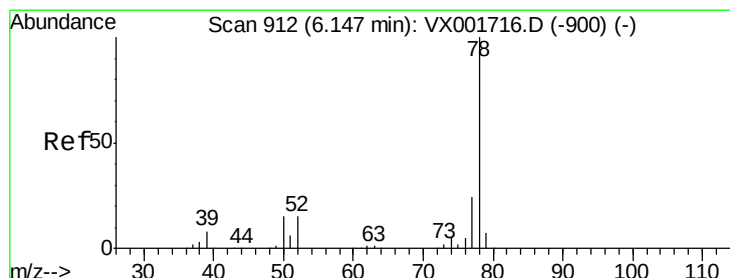
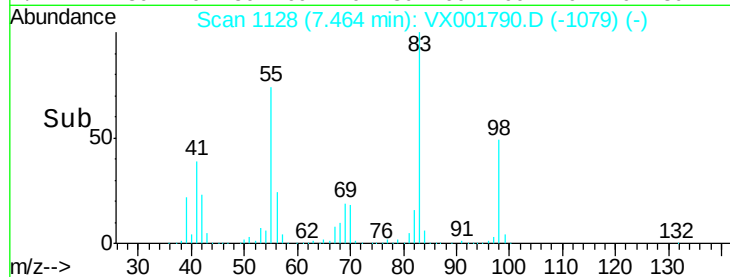
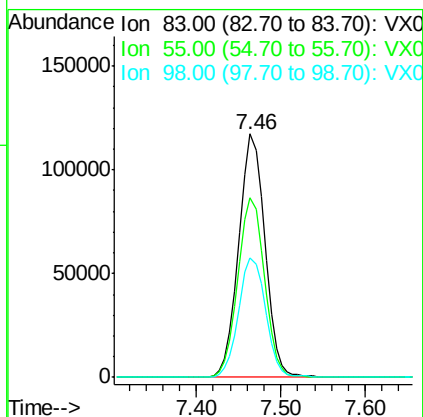
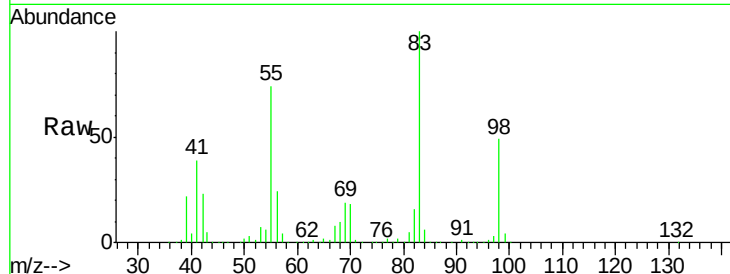




#39
Methylcyclohexane
Concen: 45.90 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

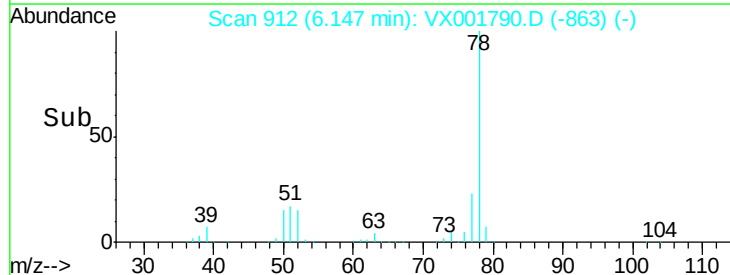
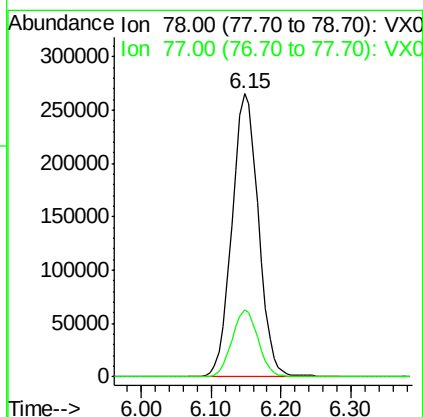
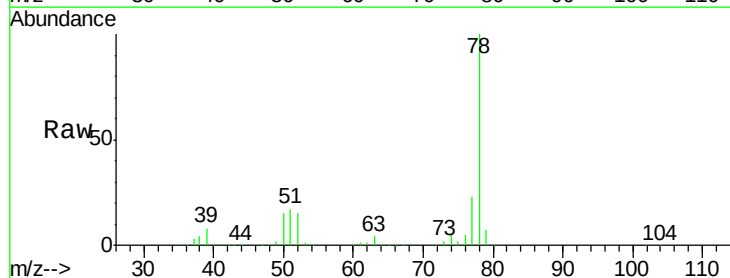
Instrument :
MSVOA_X
ClientSampleId :
ST008MW157-180508MS

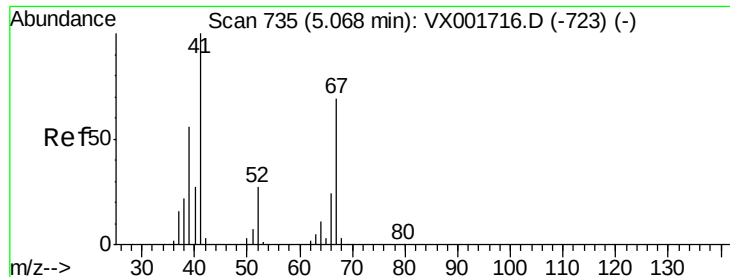
Tgt Ion: 83 Resp: 246631
Ion Ratio Lower Upper
83 100
55 73.6 60.6 90.8
98 49.1 40.4 60.6



#40
Benzene
Concen: 51.59 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

Tgt Ion: 78 Resp: 698949
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4

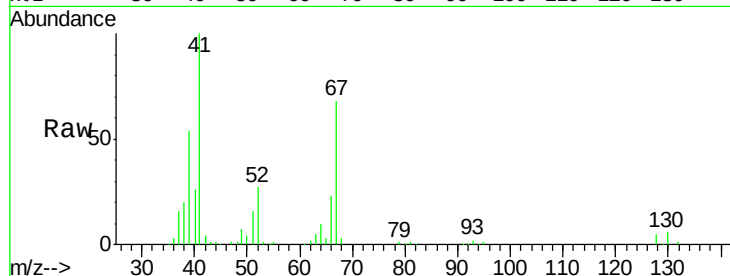




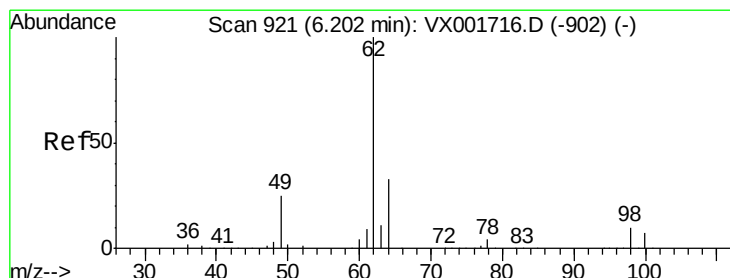
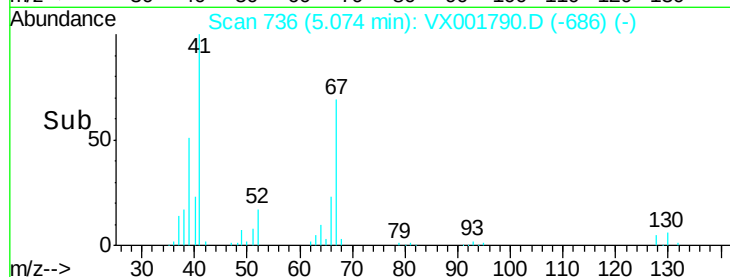
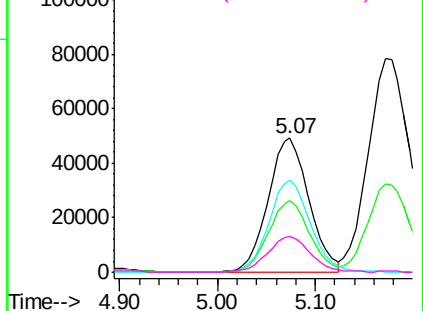
#41
Methacrylonitrile
Concen: 51.87 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

Instrument :
MSVOA_X
ClientSampleId :
ST008MW157-180508MS

Tgt Ion:	41	Resp:	143752
Ion	Ratio	Lower	Upper
41	100		
39	53.4	44.2	66.4
67	69.5	56.0	84.0
52	27.5	22.6	33.8

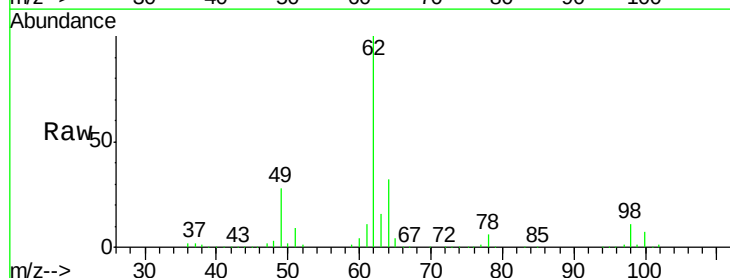


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

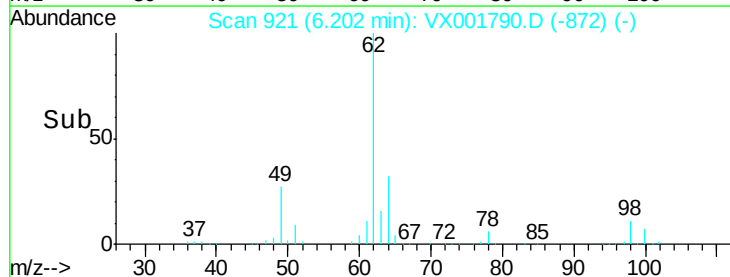
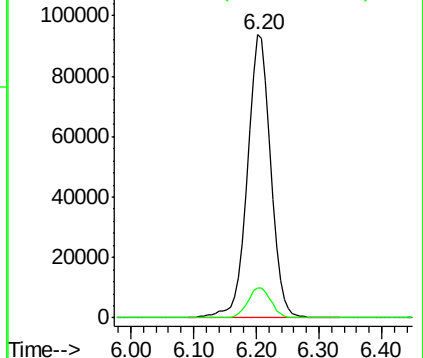


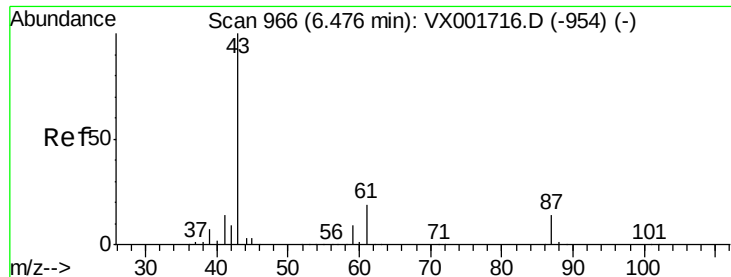
#42
1,2-Dichloroethane
Concen: 49.20 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

Tgt Ion:	62	Resp:	241079
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.0



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





#43

Isopropyl Acetate

Concen: 50.34 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-180508MS

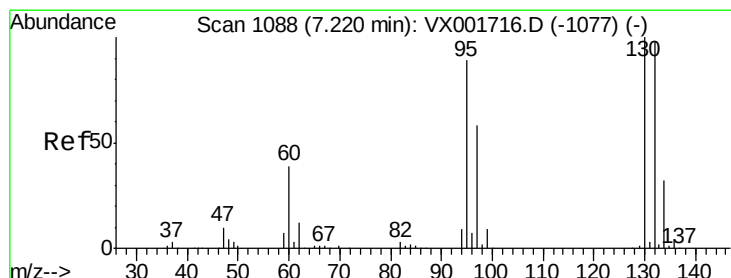
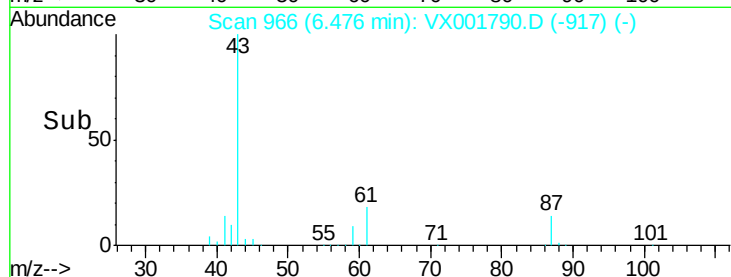
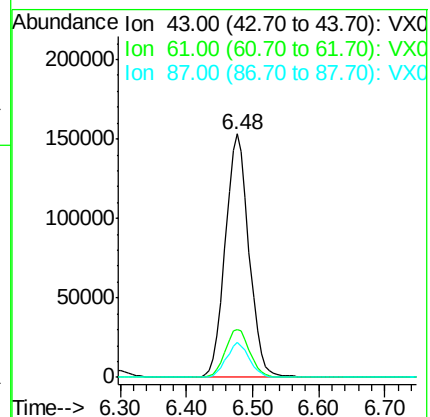
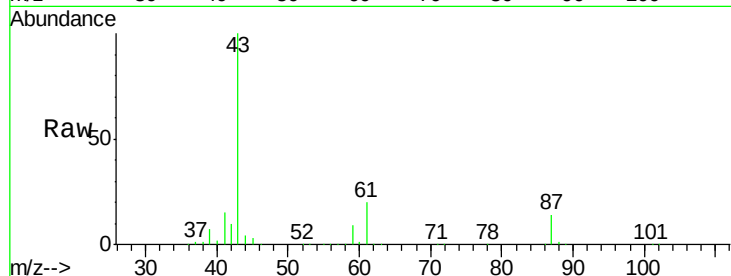
Tgt Ion: 43 Resp: 377592

Ion Ratio Lower Upper

43 100

61 20.3 15.8 23.8

87 14.0 11.0 16.4



#44

Trichloroethene

Concen: 48.46 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001790.D

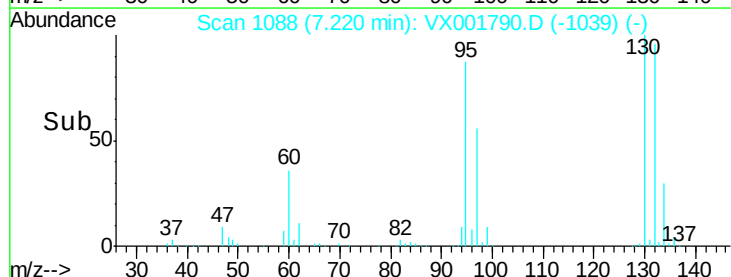
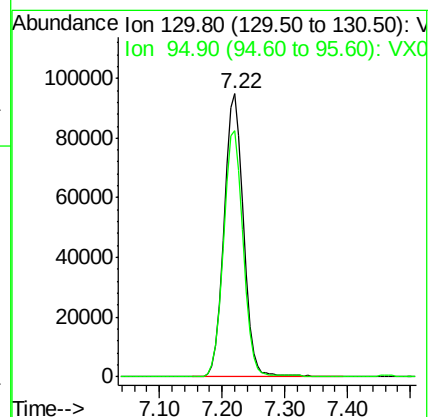
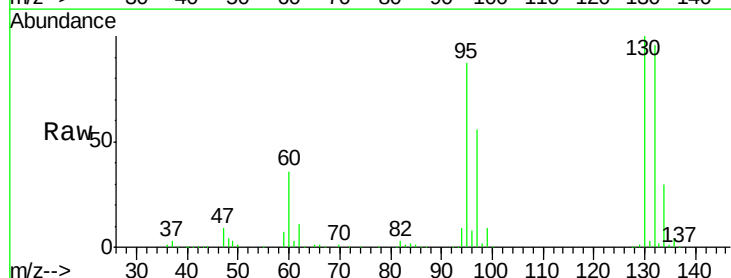
Acq: 17 May 2018 15:06

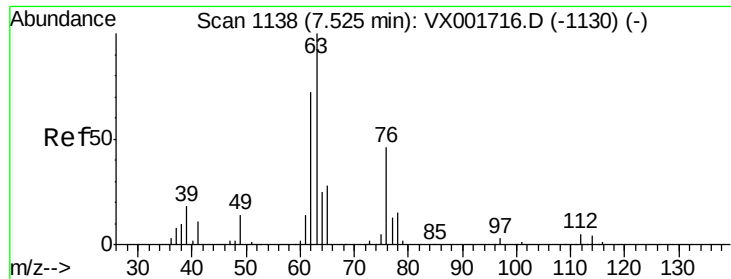
Tgt Ion: 130 Resp: 203800

Ion Ratio Lower Upper

130 100

95 87.0 0.0 177.2

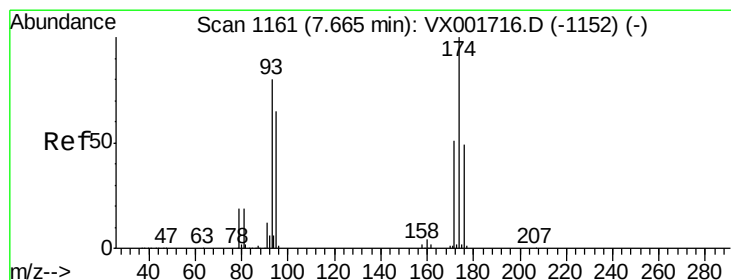
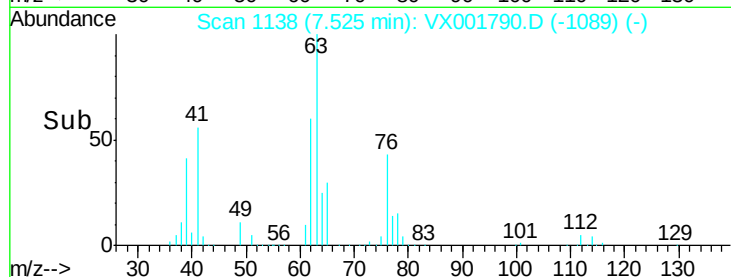
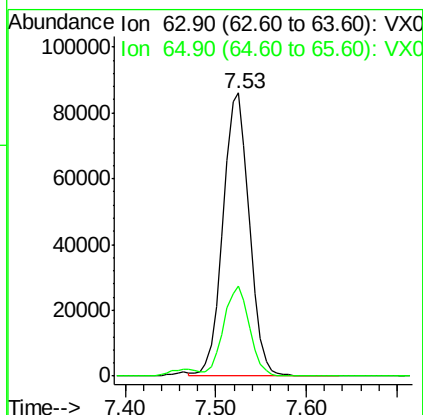
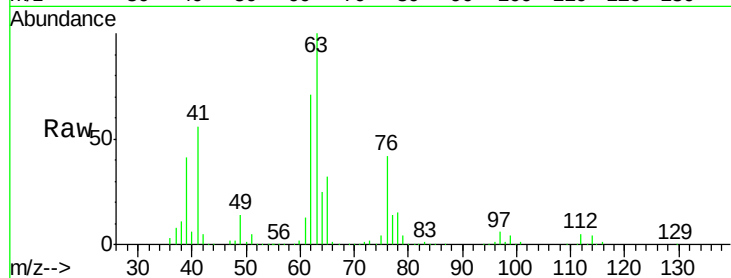




#45
 1,2-Dichloropropane
 Concen: 52.46 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001790.D
 Acq: 17 May 2018 15:06

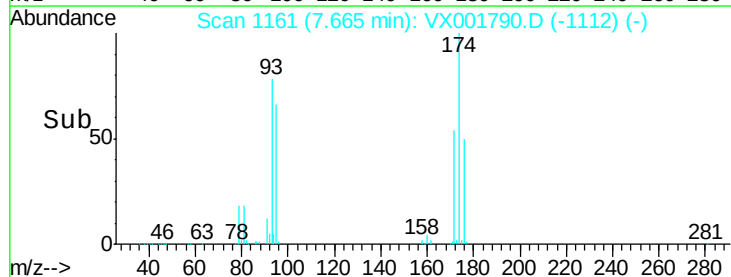
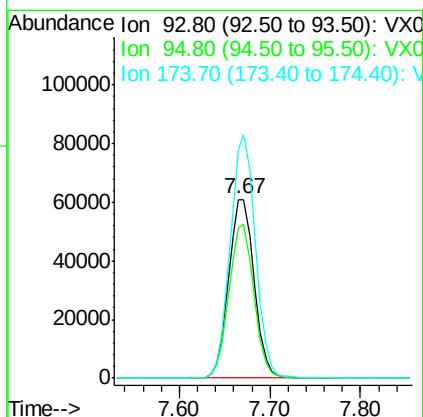
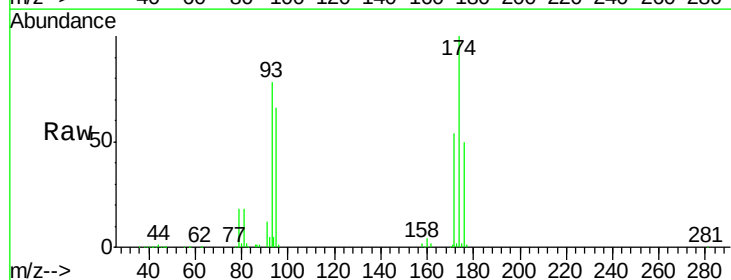
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW157-180508MS

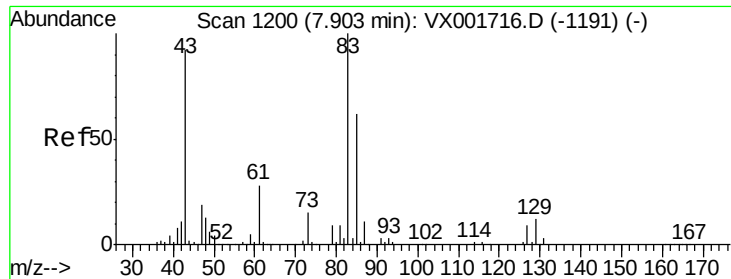
Tgt Ion: 63 Resp: 174401
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.2 36.2



#46
 Dibromomethane
 Concen: 51.15 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX001790.D
 Acq: 17 May 2018 15:06

Tgt Ion: 93 Resp: 119403
 Ion Ratio Lower Upper
 93 100
 95 84.1 65.9 98.9
 174 133.6 106.2 159.2





#47

Bromodichloromethane

Concen: 52.49 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-180508MS

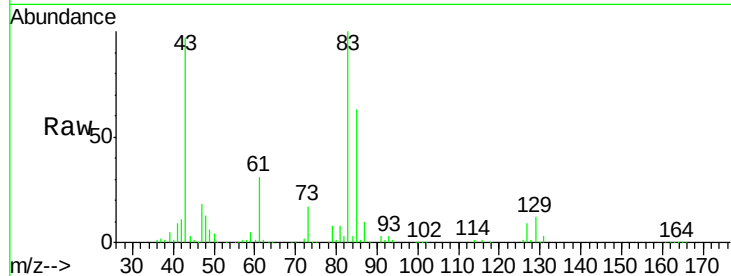
Tgt Ion: 83 Resp: 227377

Ion Ratio Lower Upper

83 100

85 62.7 49.6 74.4

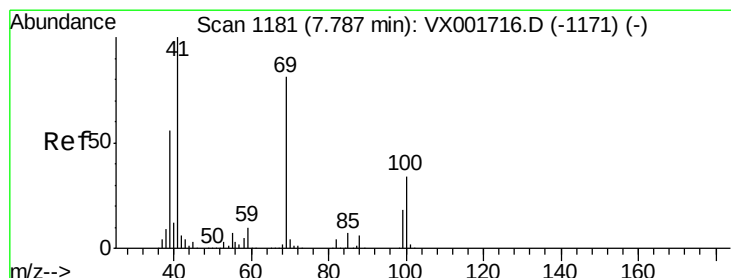
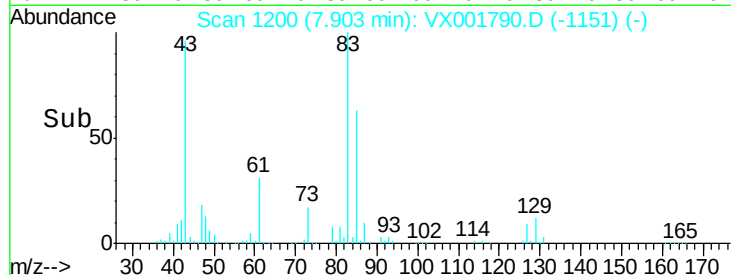
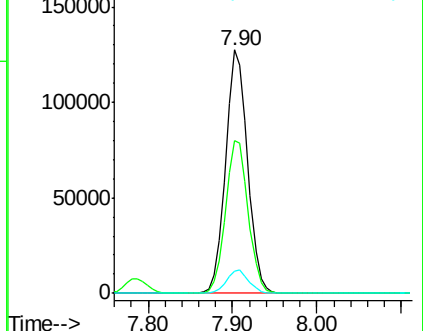
127 9.2 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.82 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

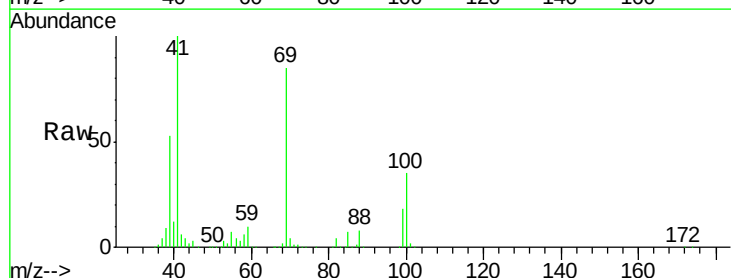
Tgt Ion: 41 Resp: 208520

Ion Ratio Lower Upper

41 100

69 83.7 65.2 97.8

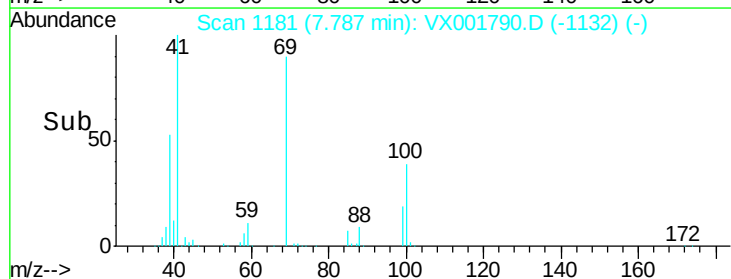
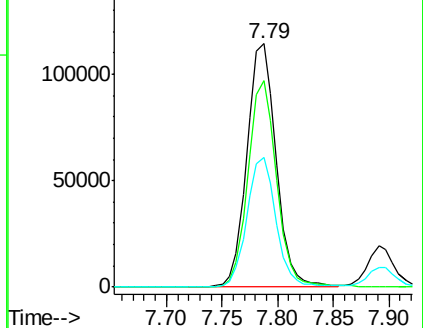
39 52.9 44.5 66.7

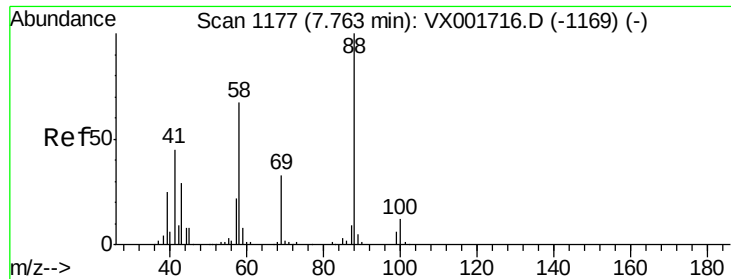


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

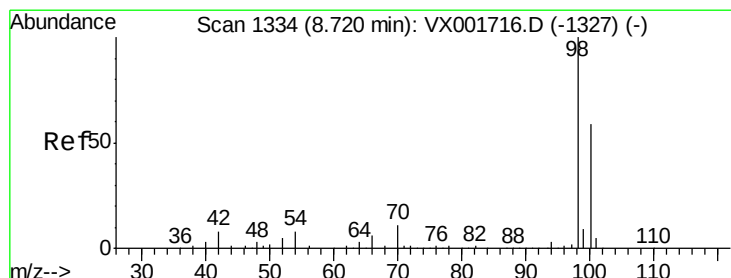
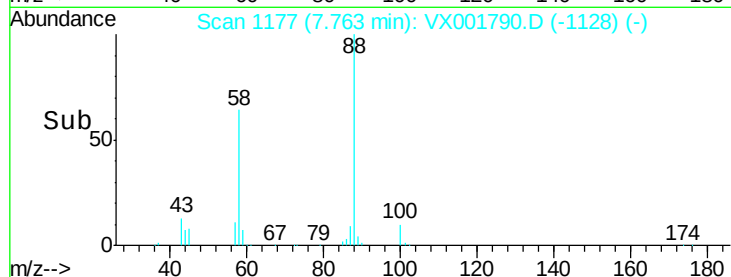
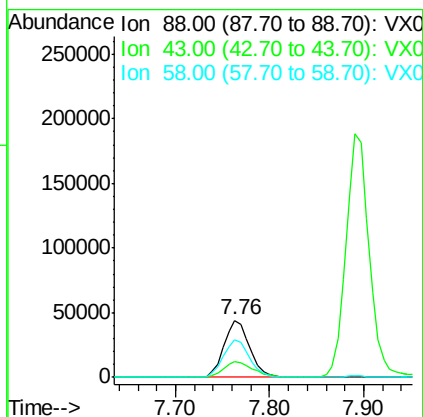
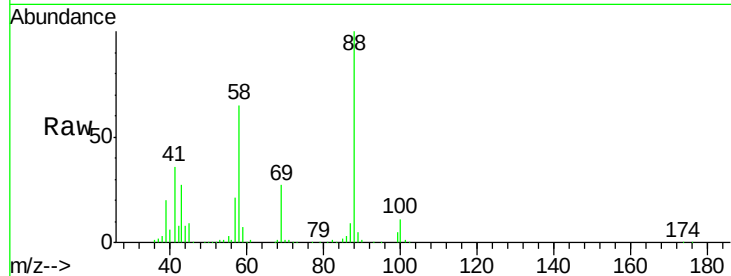




#49
1,4-Dioxane
Concen: 1089.82 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

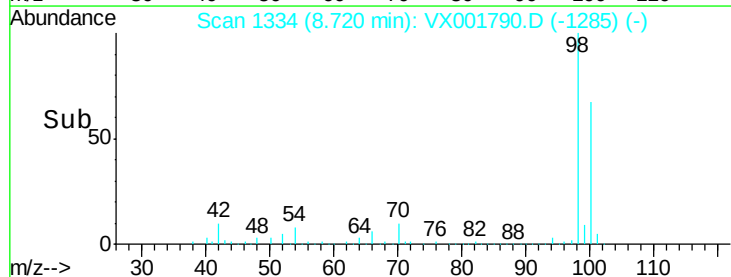
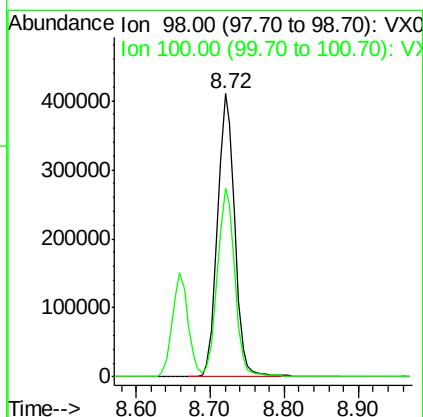
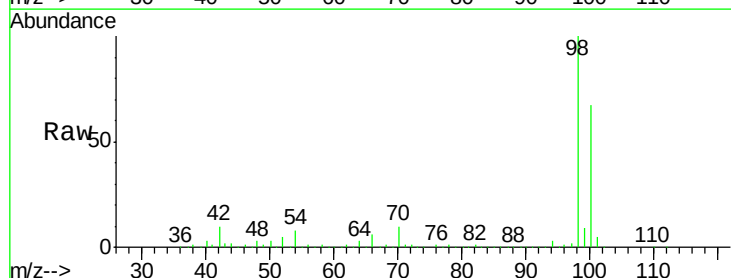
Instrument :
MSVOA_X
ClientSampleId :
ST008MW157-180508MS

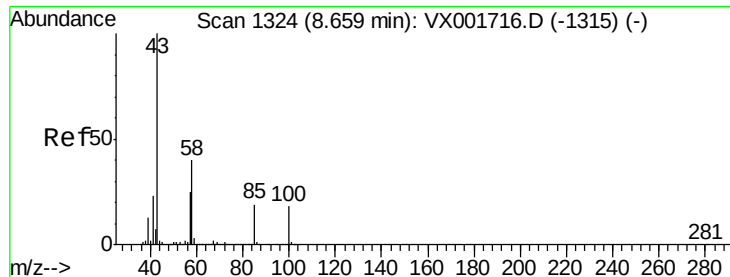
Tgt Ion: 88 Resp: 82843
Ion Ratio Lower Upper
88 100
43 31.0 27.3 40.9
58 67.7 55.9 83.9



#50
Toluene-d8
Concen: 53.94 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

Tgt Ion: 98 Resp: 651232
Ion Ratio Lower Upper
98 100
100 67.5 54.0 81.0





#51

4-Methyl-2-Pentanone

Concen: 274.03 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

Instrument :

MSVOA_X

ClientSampleId :

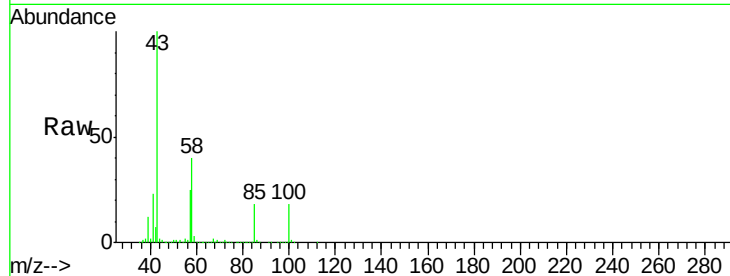
ST008MW157-180508MS

Tgt Ion: 43 Resp: 1302535

Ion Ratio Lower Upper

43 100

58 40.3 31.4 47.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

800000

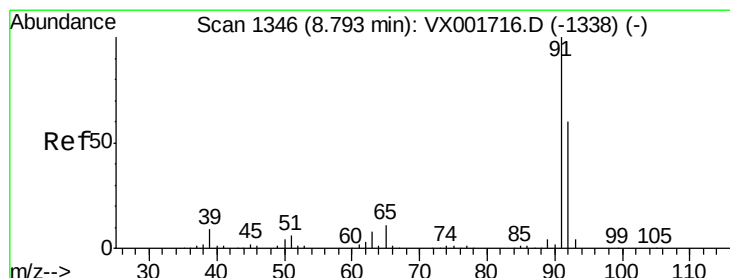
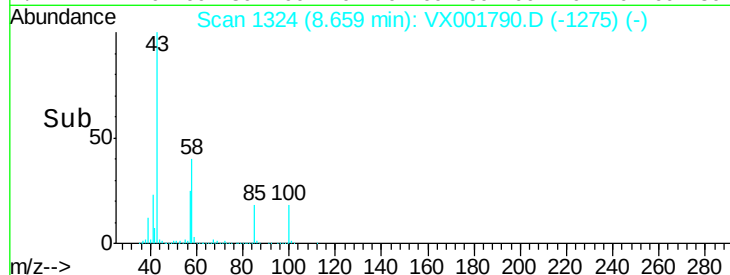
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.46 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001790.D

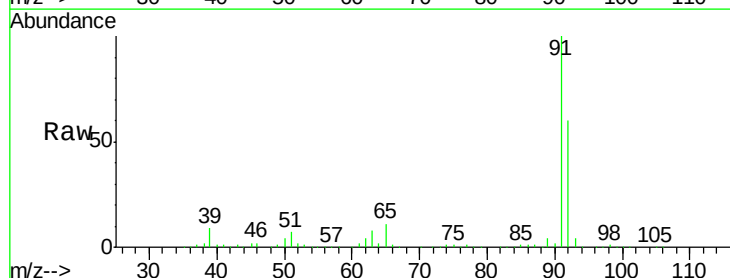
Acq: 17 May 2018 15:06

Tgt Ion: 92 Resp: 447991

Ion Ratio Lower Upper

92 100

91 168.2 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

500000

400000

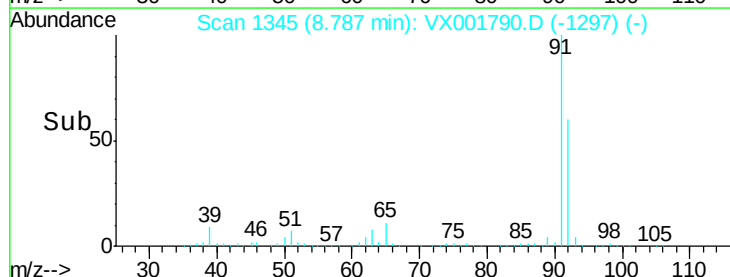
300000

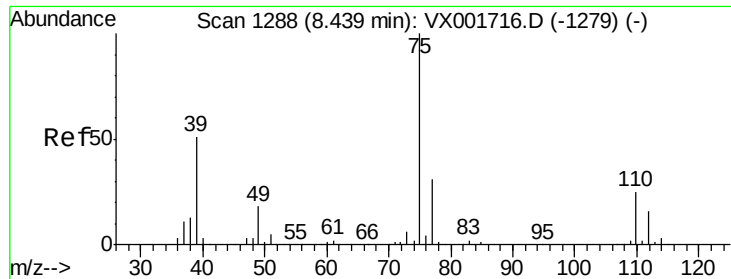
200000

100000

0

Time-->

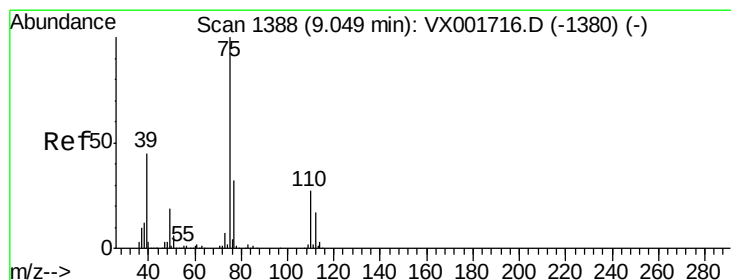
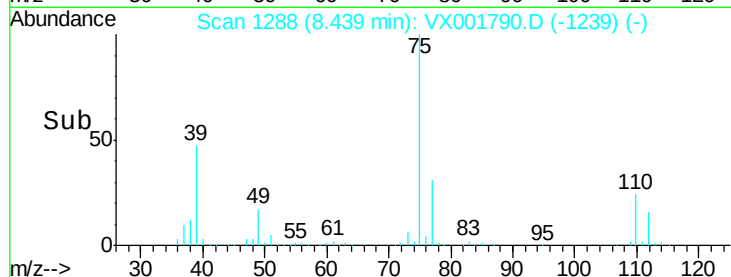
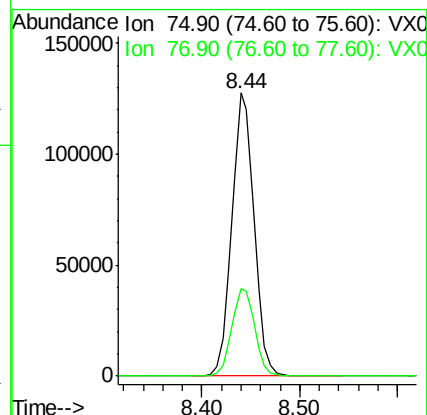
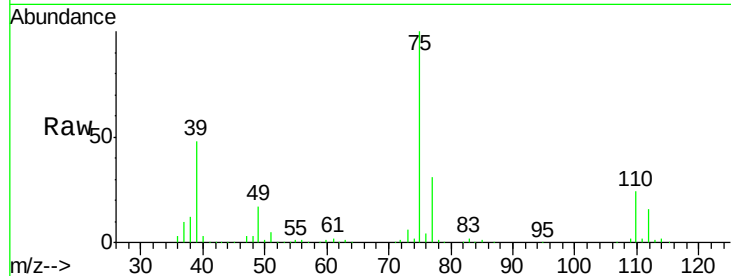




#53
t-1,3-Dichloropropene
Concen: 39.34 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

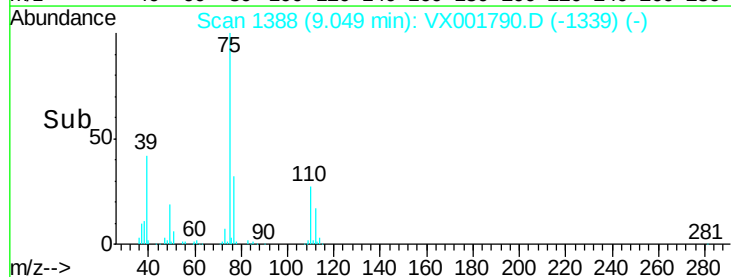
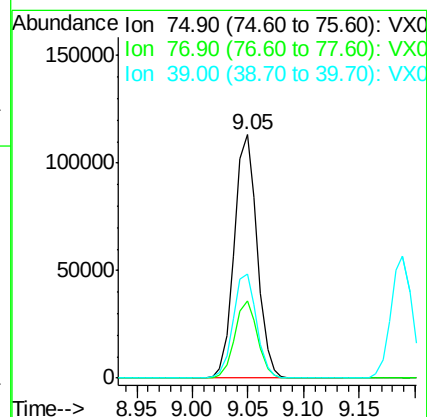
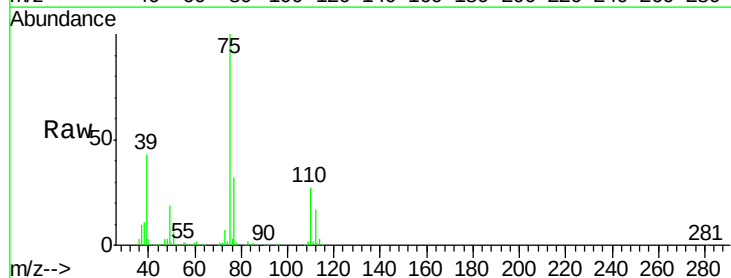
Instrument :
MSVOA_X
ClientSampleId :
ST008MW157-180508MS

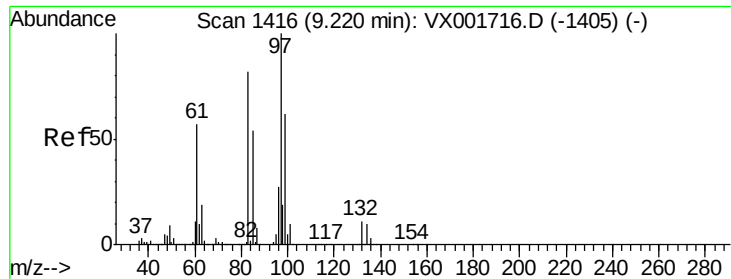
Tgt Ion: 75 Resp: 200532
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 35.81 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

Tgt Ion: 75 Resp: 160879
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2
39 42.7 36.1 54.1





#55

1,1,2-Trichloroethane

Concen: 48.74 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-180508MS

Tgt Ion: 97 Resp: 162204

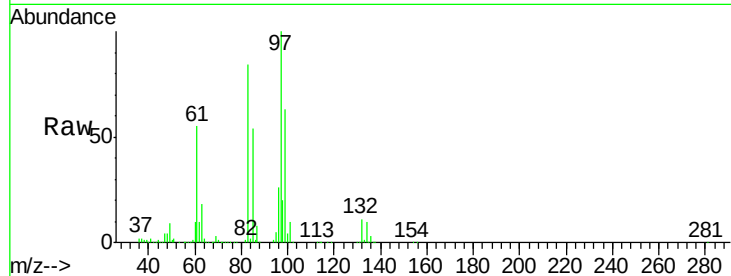
Ion Ratio Lower Upper

97 100

83 83.7 65.8 98.8

85 53.7 43.4 65.0

99 63.4 49.8 74.6

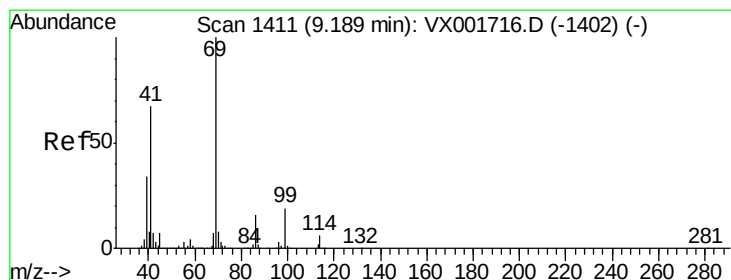
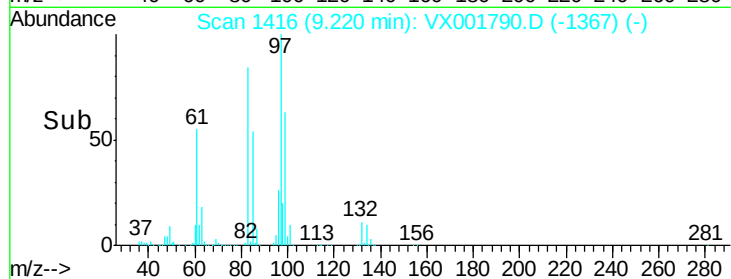
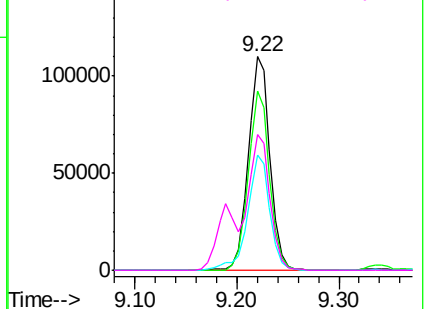


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.63 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

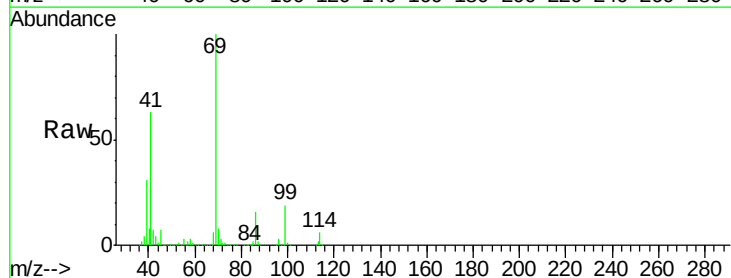
Tgt Ion: 69 Resp: 238955

Ion Ratio Lower Upper

69 100

41 65.3 53.5 80.3

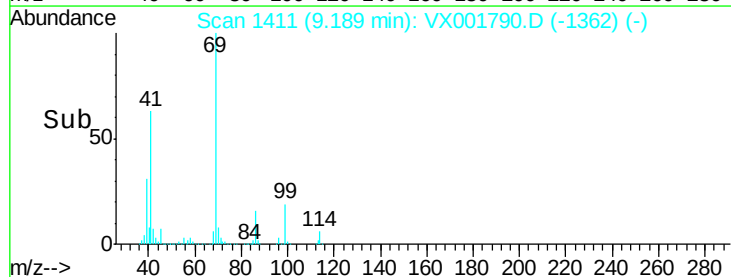
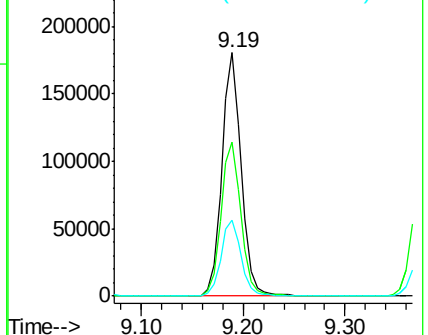
39 32.4 27.2 40.8

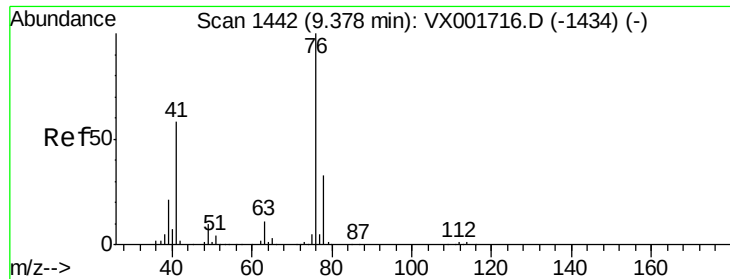


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

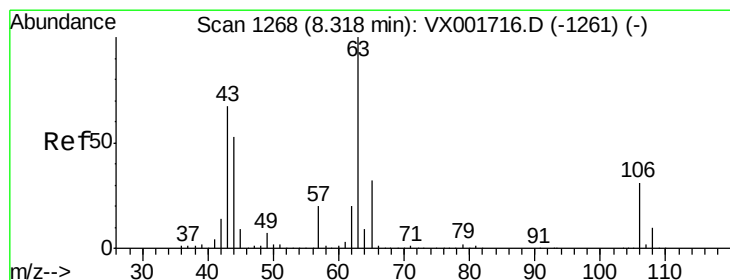
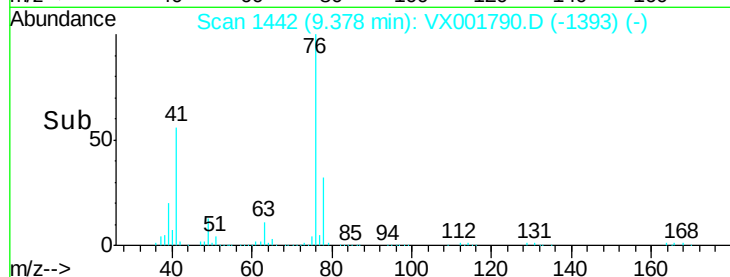
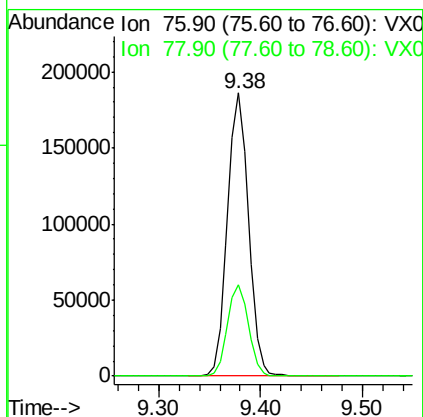
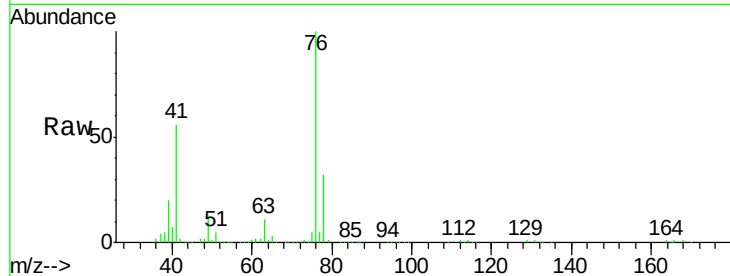




#57
 1,3-Dichloropropane
 Concen: 47.60 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001790.D
 Acq: 17 May 2018 15:06

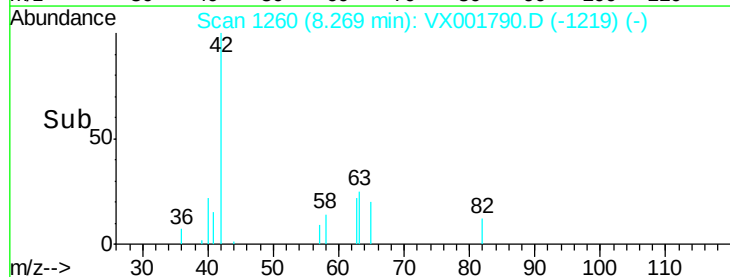
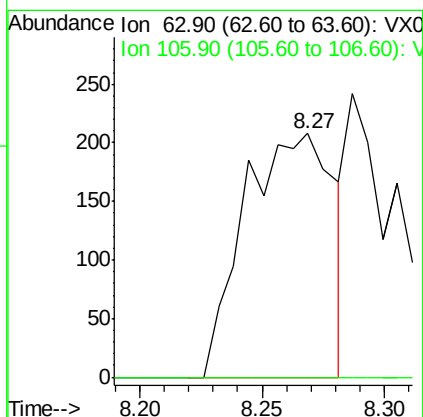
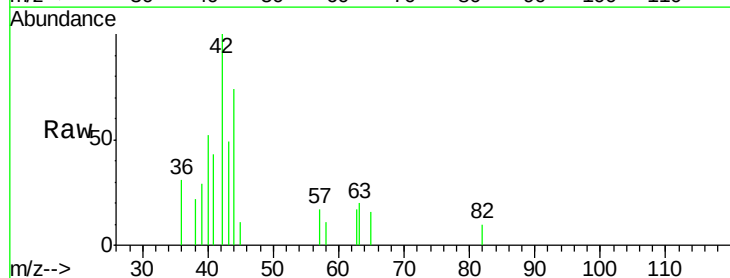
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW157-180508MS

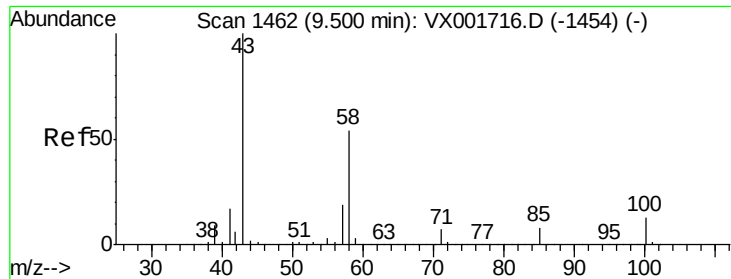
Tgt Ion: 76 Resp: 265232
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.22 ug/l
 RT: 8.27 min Scan# 1260
 Delta R.T. -0.05 min
 Lab File: VX001790.D
 Acq: 17 May 2018 15:06

Tgt Ion: 63 Resp: 527
 Ion Ratio Lower Upper
 63 100
 106 0.0 25.1 37.7#

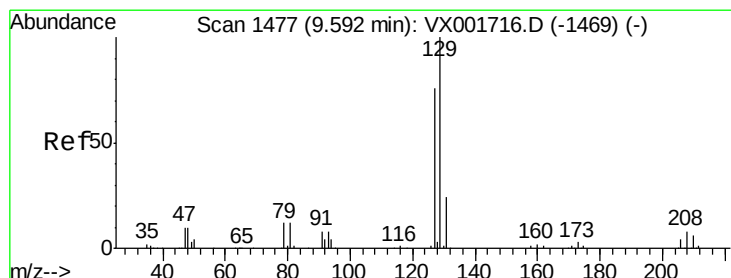
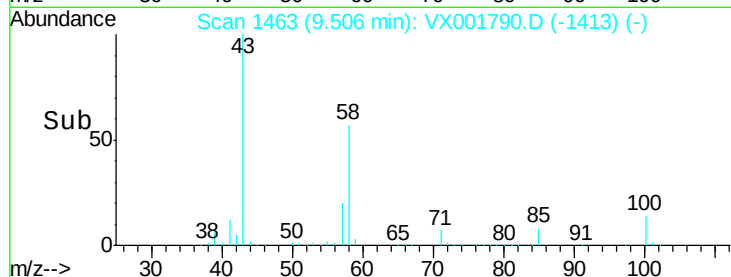
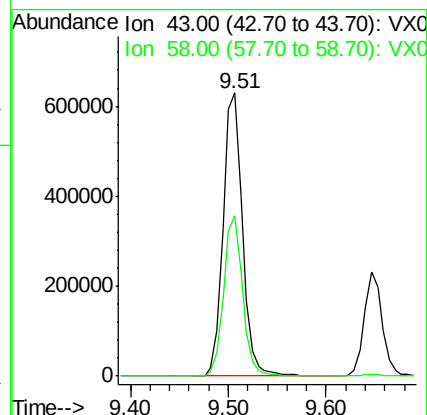
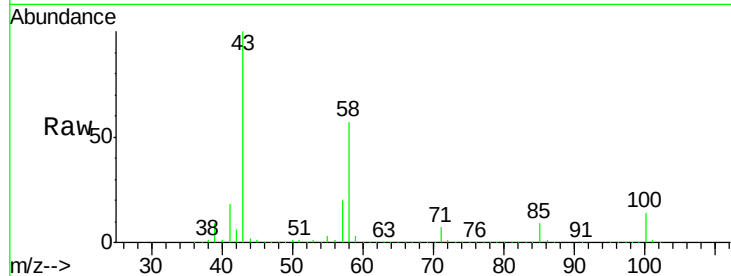




#59
2-Hexanone
Concen: 254.27 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

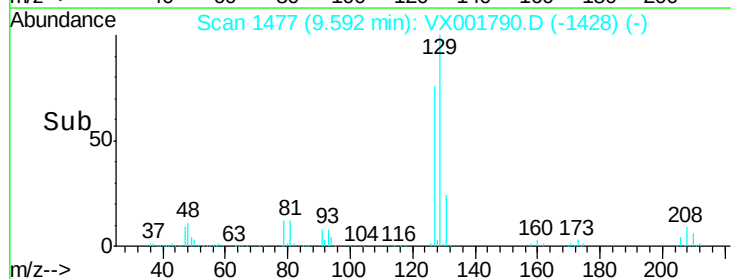
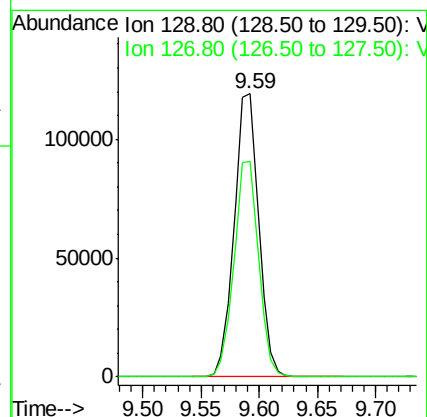
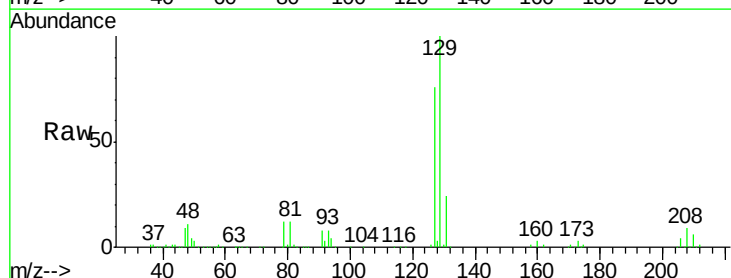
Instrument :
MSVOA_X
ClientSampleId :
ST008MW157-180508MS

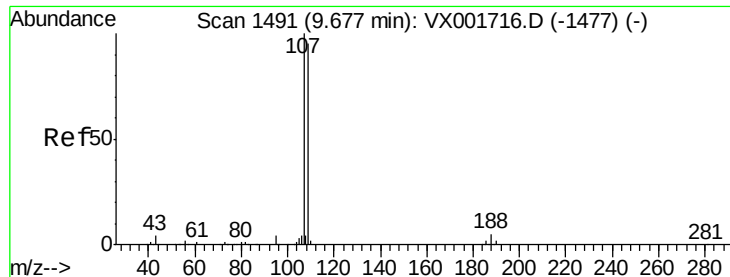
Tgt Ion: 43 Resp: 865188
Ion Ratio Lower Upper
43 100
58 55.7 27.7 83.1



#60
Dibromochloromethane
Concen: 51.43 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

Tgt Ion: 129 Resp: 175274
Ion Ratio Lower Upper
129 100
127 76.4 38.7 116.1





#61

1,2-Dibromoethane

Concen: 48.57 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

Instrument :

MSVOA_X

ClientSampleId :

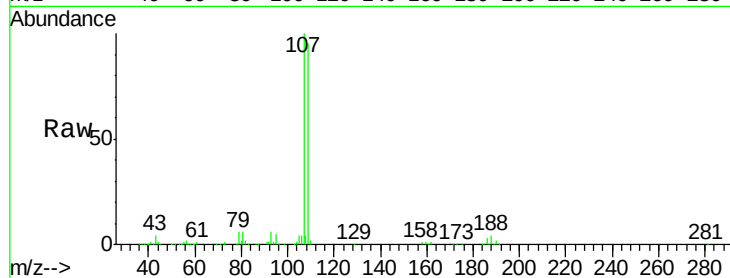
ST008MW157-180508MS

Tgt Ion: 107 Resp: 169212

Ion Ratio Lower Upper

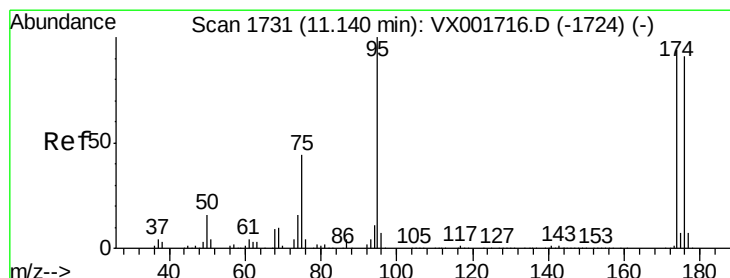
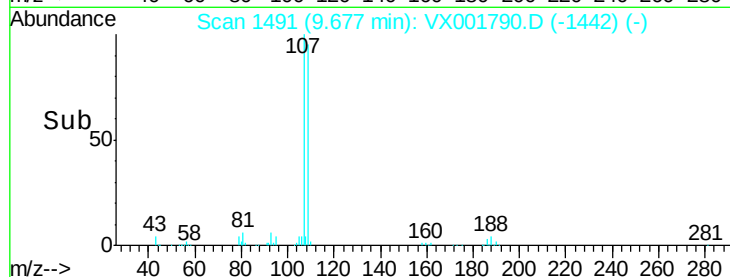
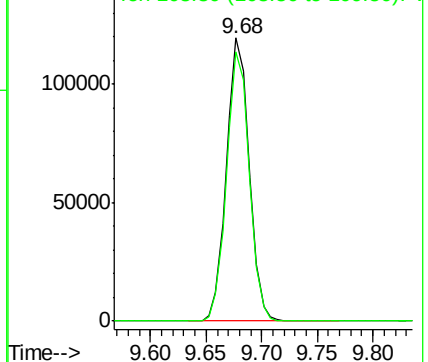
107 100

109 94.8 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.29 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

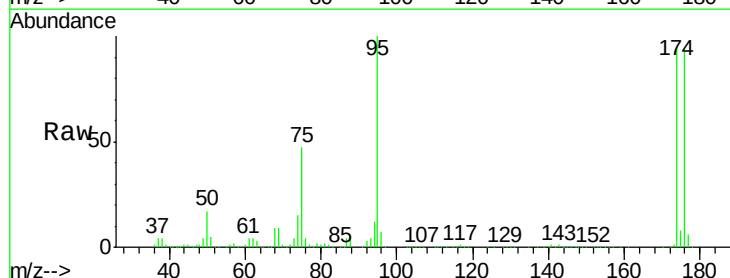
Tgt Ion: 95 Resp: 201217

Ion Ratio Lower Upper

95 100

174 103.6 0.0 201.8

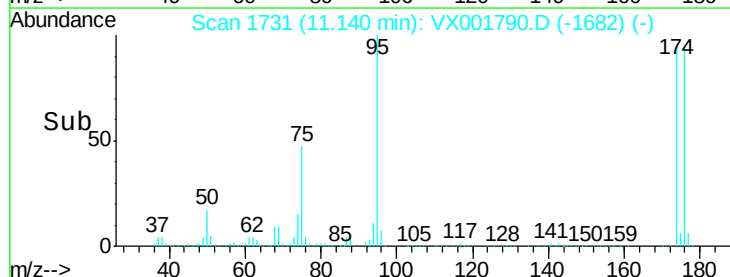
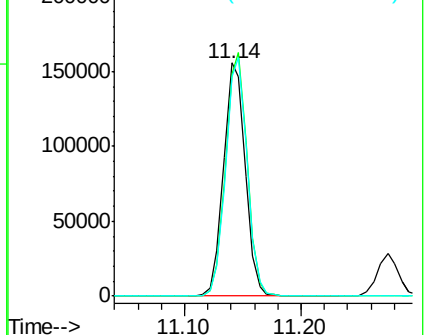
176 101.6 0.0 196.8

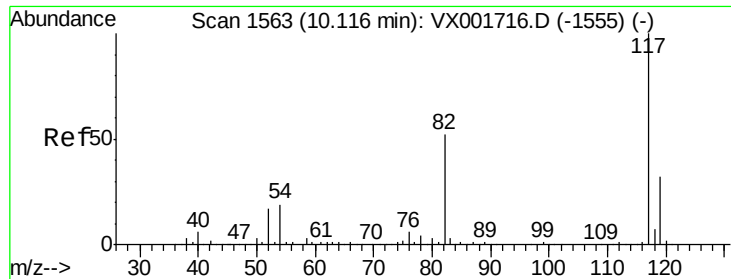


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

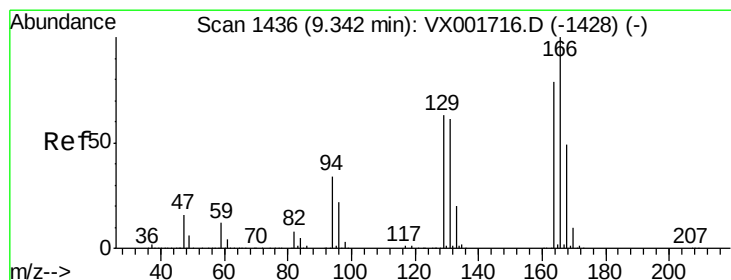
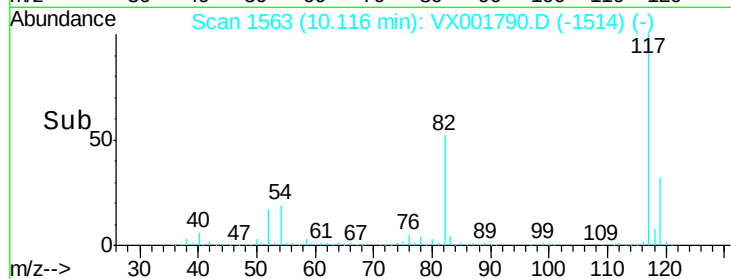
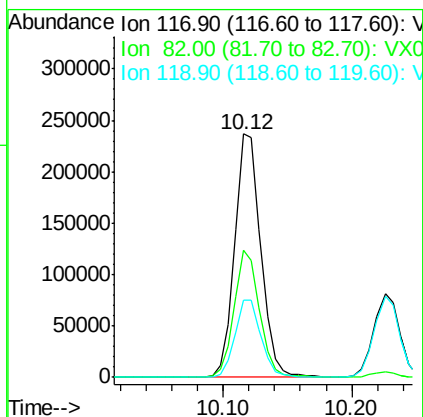
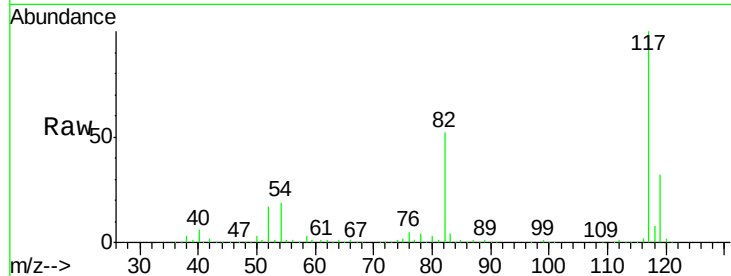




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

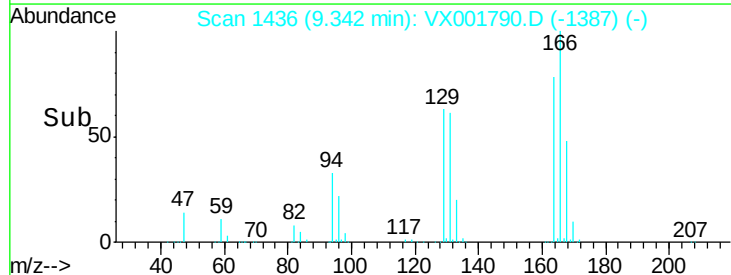
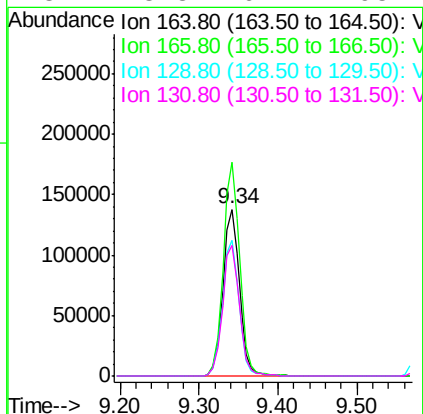
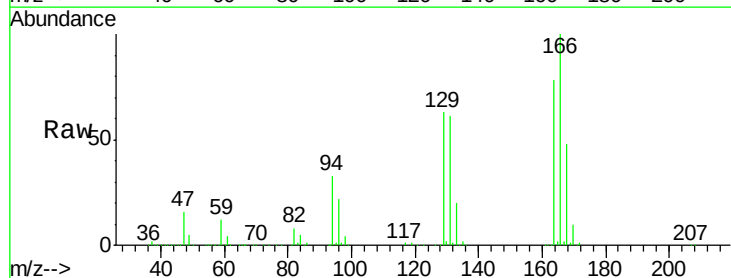
Instrument :
MSVOA_X
ClientSampleId :
ST008MW157-180508MS

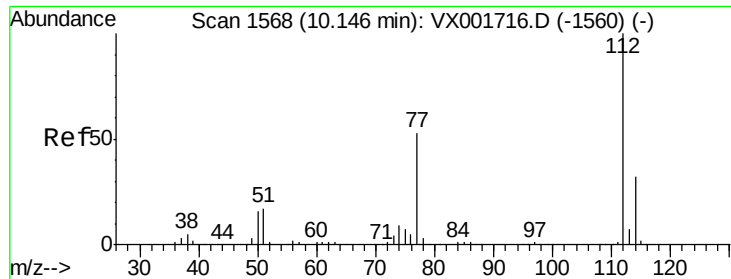
Tgt Ion:117 Resp: 336139
Ion Ratio Lower Upper
117 100
82 52.1 41.4 62.2
119 31.6 25.6 38.4



#64
Tetrachloroethene
Concen: 46.12 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

Tgt Ion:164 Resp: 201820
Ion Ratio Lower Upper
164 100
166 128.0 101.8 152.8
129 81.1 63.8 95.6
131 78.3 62.2 93.2

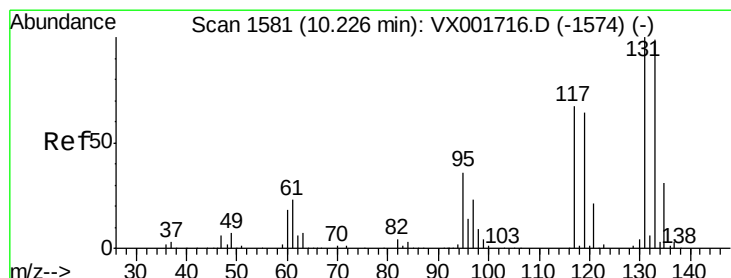
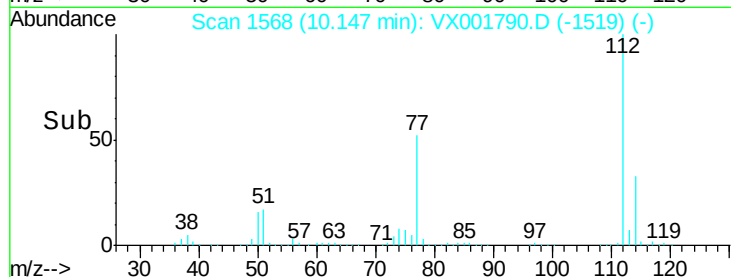
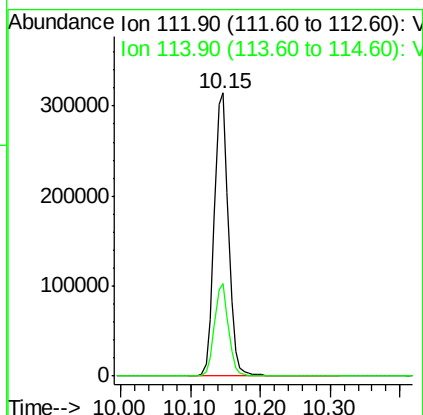
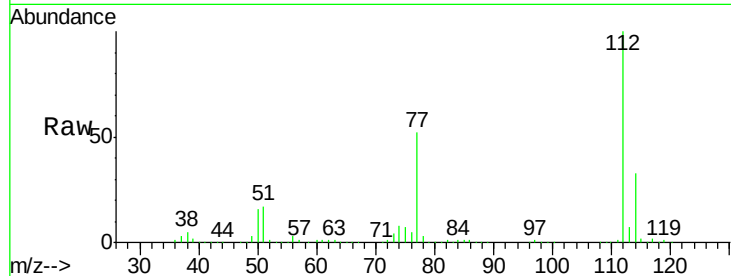




#65
Chlorobenzene
Concen: 48.08 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

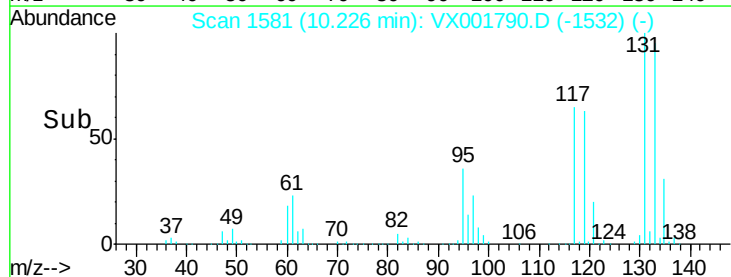
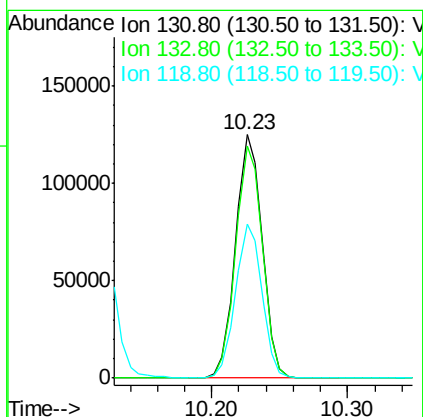
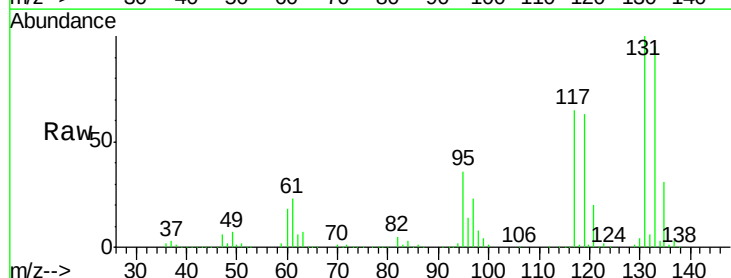
Instrument :
MSVOA_X
ClientSampleId :
ST008MW157-180508MS

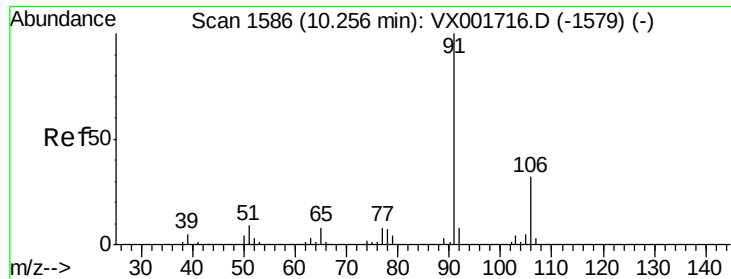
Tgt Ion:112 Resp: 444566
Ion Ratio Lower Upper
112 100
114 32.5 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.07 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

Tgt Ion:131 Resp: 170027
Ion Ratio Lower Upper
131 100
133 95.6 48.5 145.6
119 63.1 31.9 95.5





#67

Ethyl Benzene

Concen: 49.29 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

Instrument :

MSVOA_X

ClientSampleId :

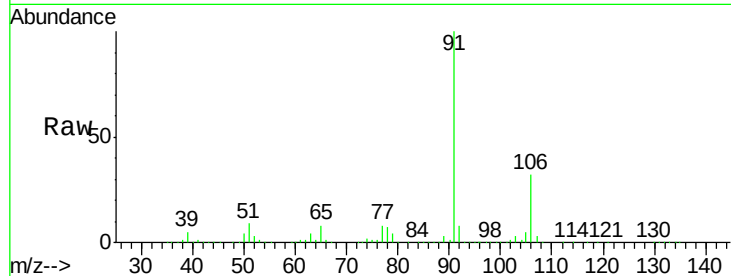
ST008MW157-180508MS

Tgt Ion: 91 Resp: 728310

Ion Ratio Lower Upper

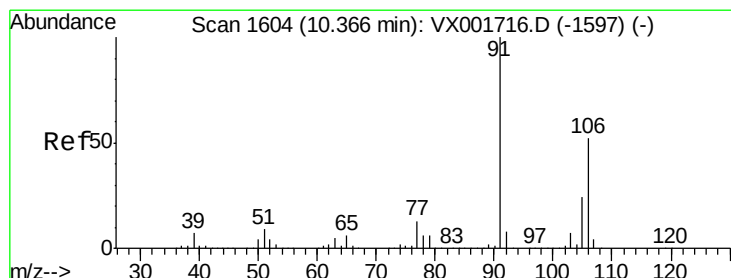
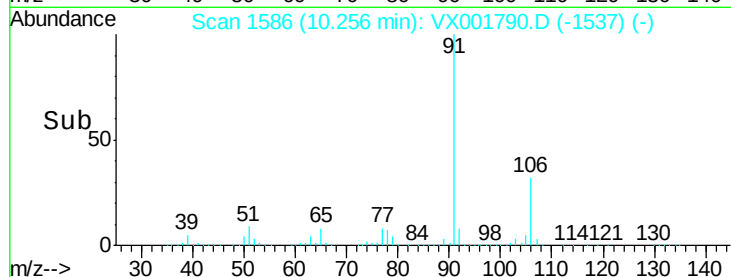
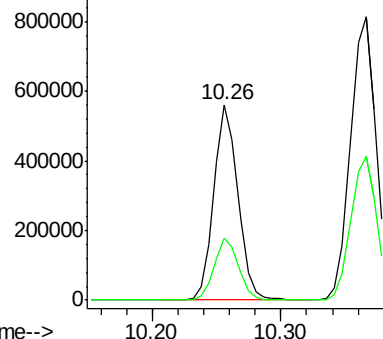
91 100

106 31.8 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VX001716.D (-1579) (-)

Ion 106.00 (105.70 to 106.70): VX001716.D (-1579) (-)



#68

m/p-Xylenes

Concen: 98.21 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001790.D

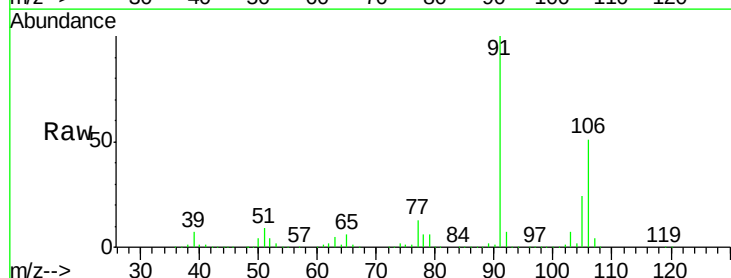
Acq: 17 May 2018 15:06

Tgt Ion: 106 Resp: 572584

Ion Ratio Lower Upper

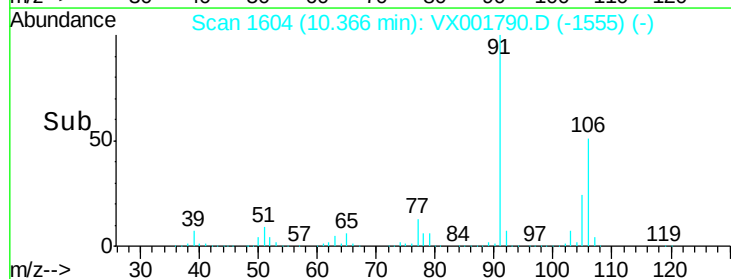
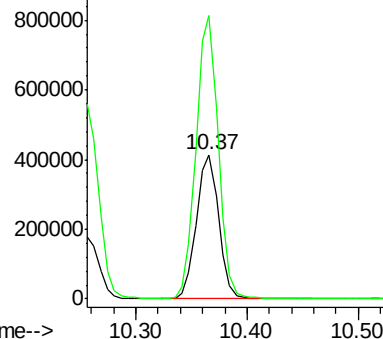
106 100

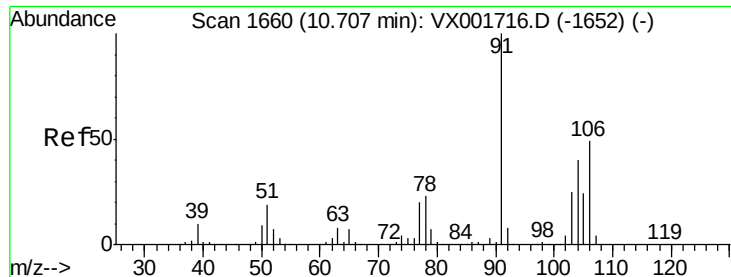
91 196.2 155.4 233.2



Abundance Ion 106.00 (105.70 to 106.70): VX001716.D (-1597) (-)

Ion 91.00 (90.70 to 91.70): VX001716.D (-1597) (-)

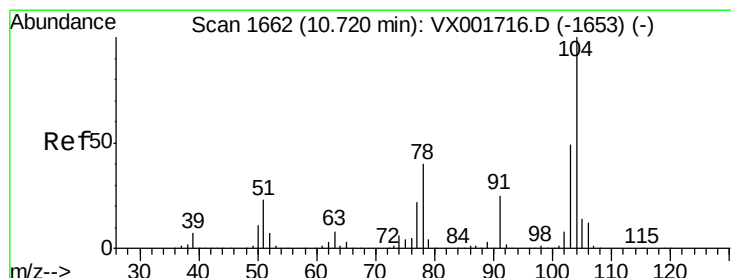
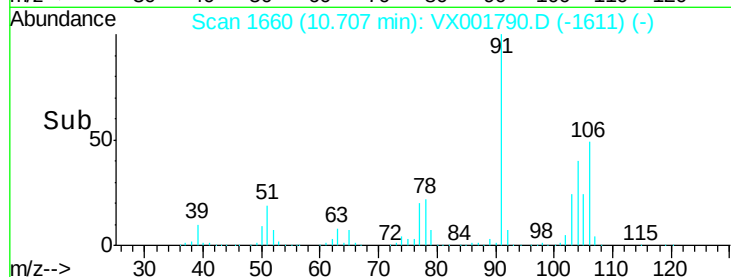
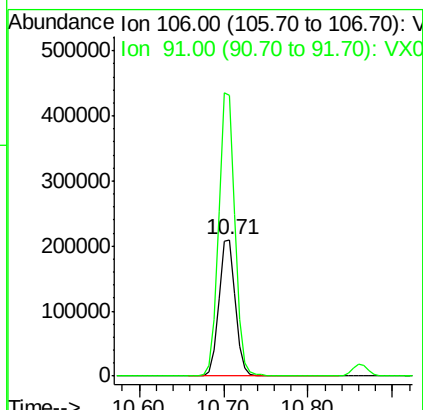
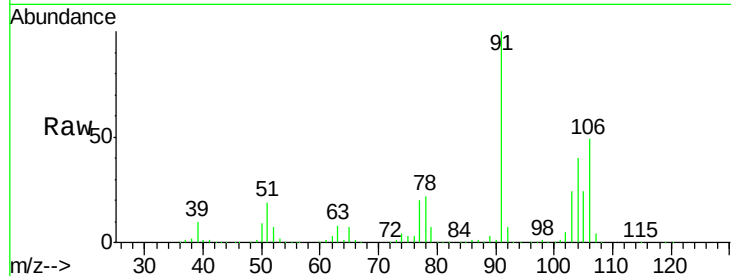




#69
o-Xylene
Concen: 51.05 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

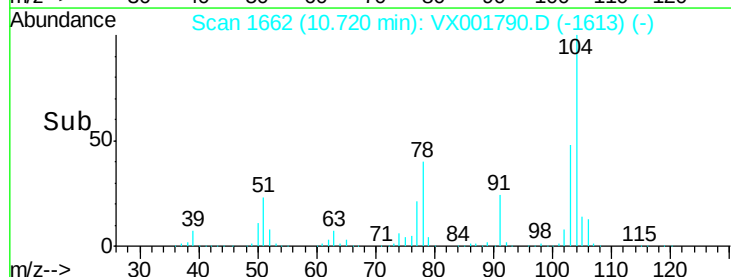
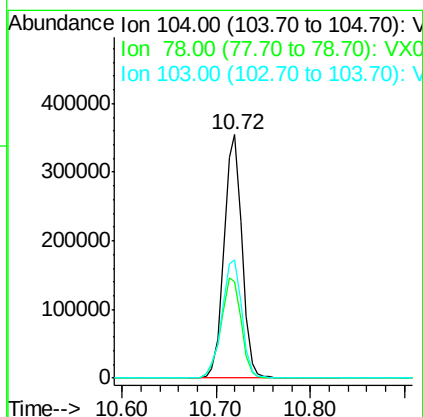
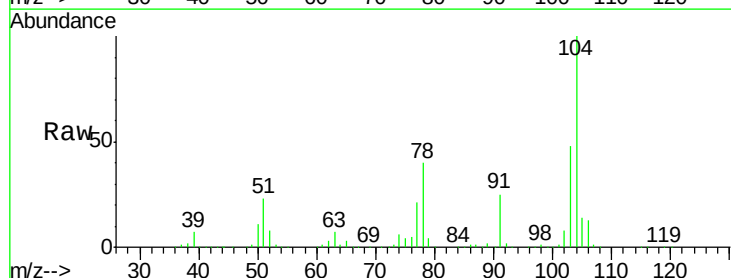
Instrument :
MSVOA_X
ClientSampleId :
ST008MW157-180508MS

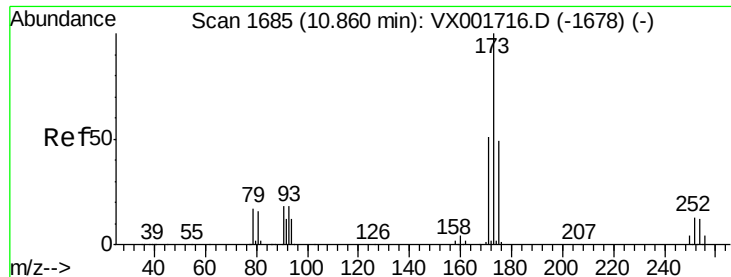
Tgt Ion:106 Resp: 285046
Ion Ratio Lower Upper
106 100
91 205.7 103.4 310.2



#70
Styrene
Concen: 50.87 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

Tgt Ion:104 Resp: 468437
Ion Ratio Lower Upper
104 100
78 46.4 37.3 55.9
103 54.1 43.7 65.5

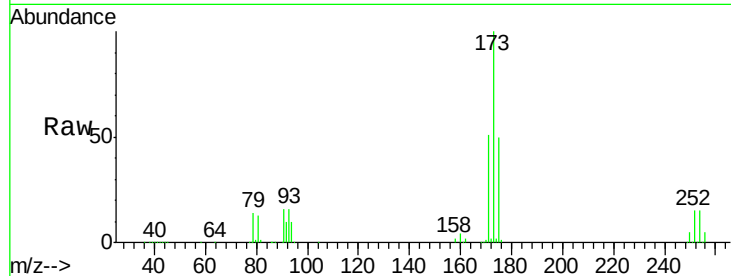




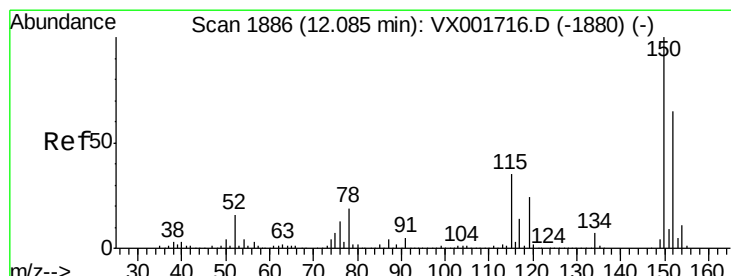
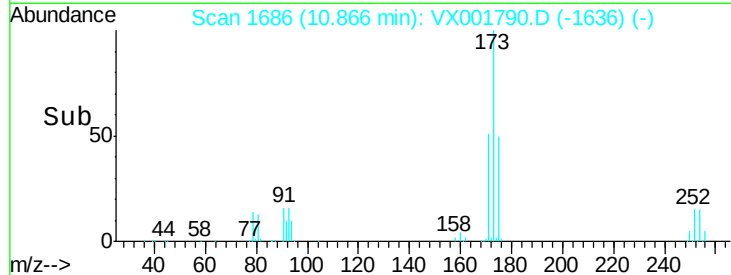
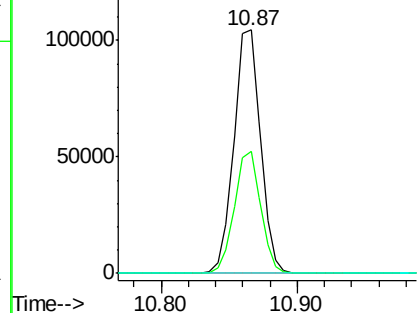
#71
Bromoform
Concen: 46.89 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

Instrument :
MSVOA_X
ClientSampleId :
ST008MW157-180508MS

Tgt Ion:173 Resp: 141916
Ion Ratio Lower Upper
173 100
175 49.3 24.3 72.8
254 0.2 0.2 0.2

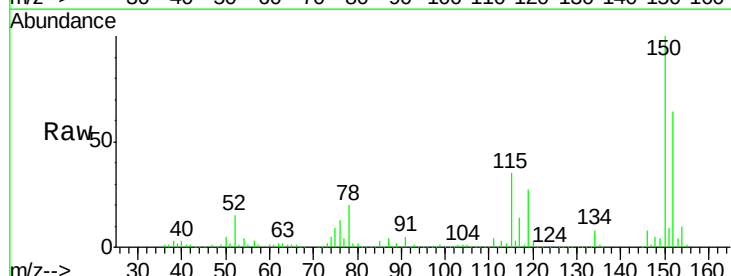


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

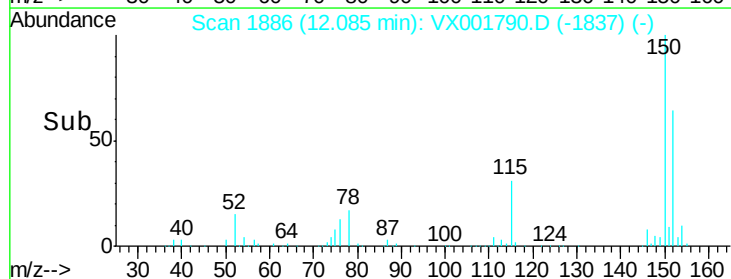
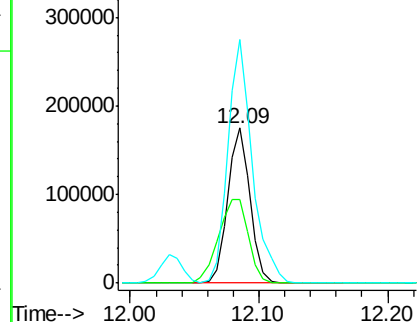


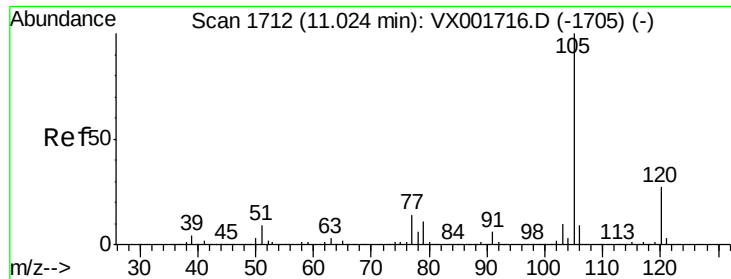
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

Tgt Ion:152 Resp: 212802
Ion Ratio Lower Upper
152 100
115 73.3 37.4 112.2
150 172.3 0.0 344.8



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

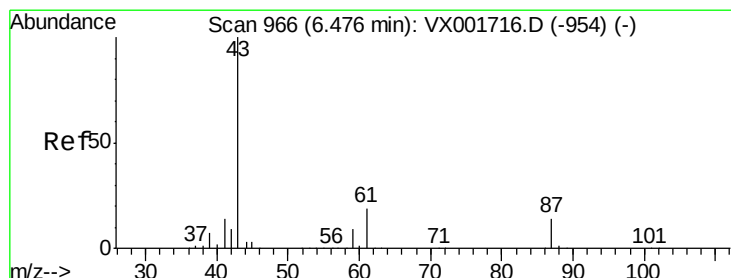
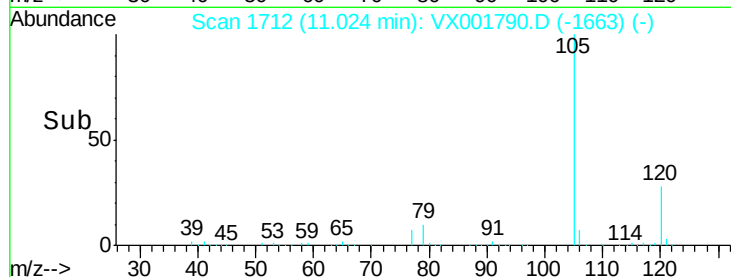
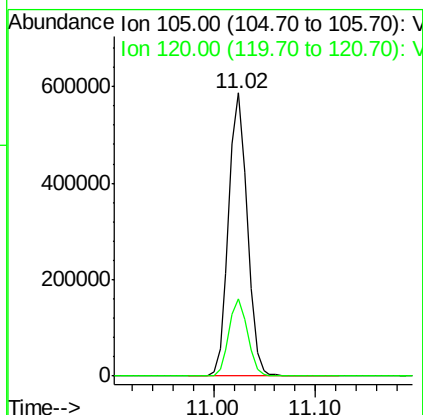
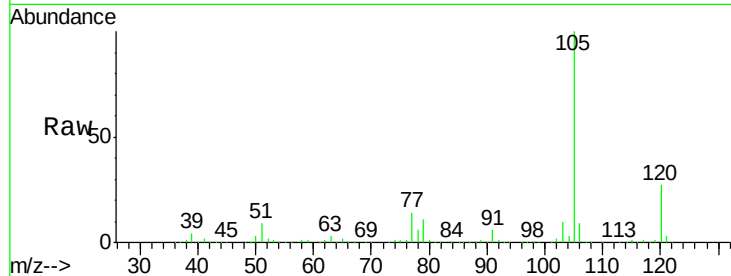




#73
Isopropylbenzene
Concen: 52.93 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

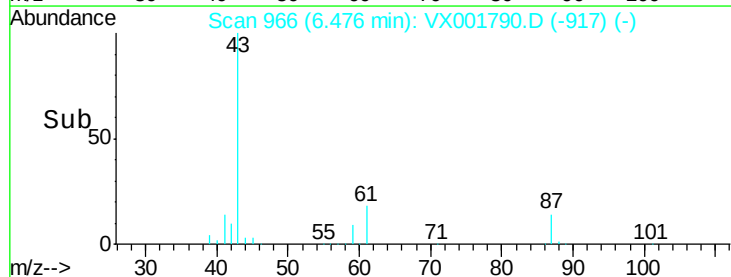
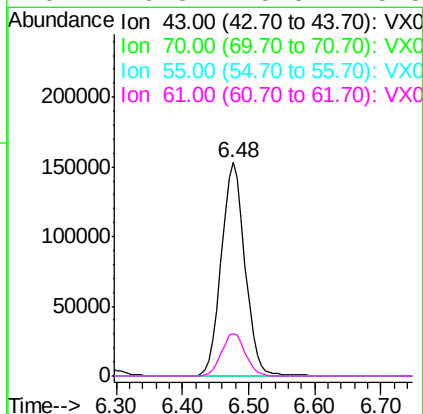
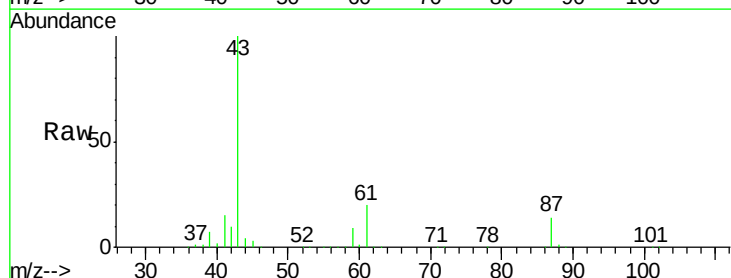
Instrument :
MSVOA_X
ClientSampleId :
ST008MW157-180508MS

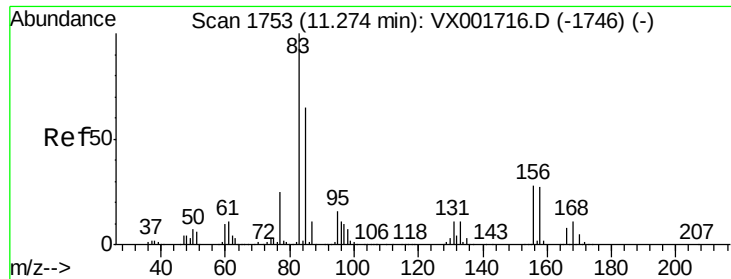
Tgt Ion: 105 Resp: 741749
Ion Ratio Lower Upper
105 100
120 27.3 13.8 41.3



#74
N-ethyl acetate
Concen: 56.20 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

Tgt Ion: 43 Resp: 377592
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.0 0.1 0.1#
61 20.3 15.8 23.8





#75

1,1,2,2-Tetrachloroethane

Concen: 53.98 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-180508MS

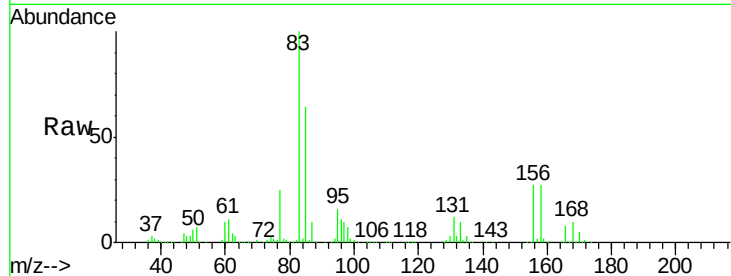
Tgt Ion: 83 Resp: 226914

Ion Ratio Lower Upper

83 100

131 11.7 5.7 17.0

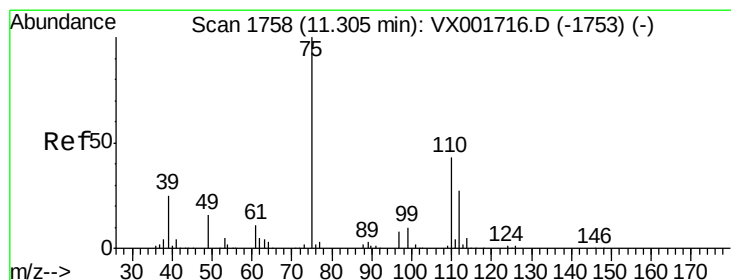
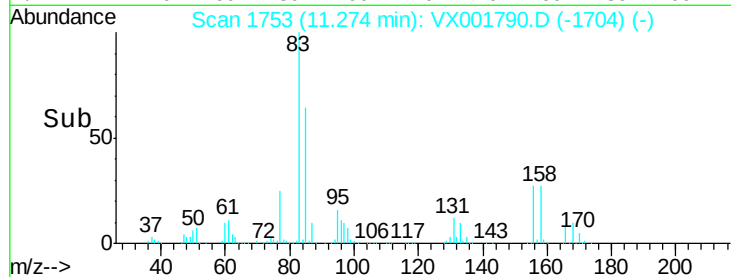
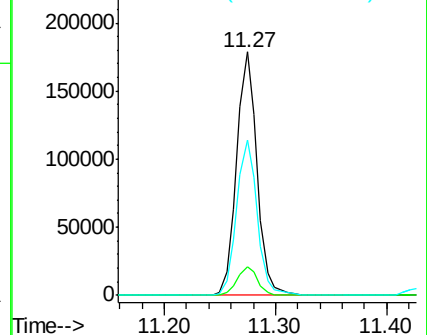
85 64.3 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 56.92 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001790.D

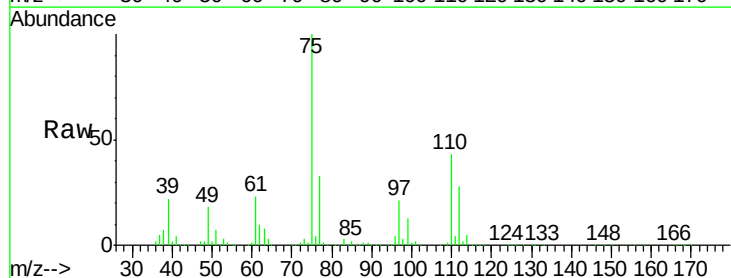
Acq: 17 May 2018 15:06

Tgt Ion: 75 Resp: 230313

Ion Ratio Lower Upper

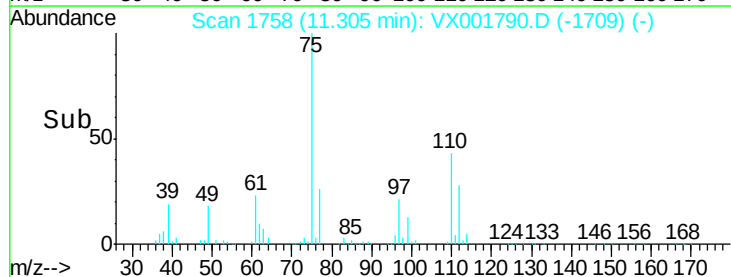
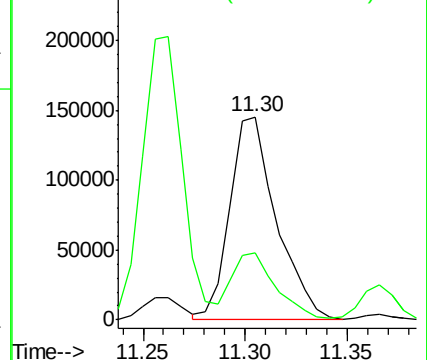
75 100

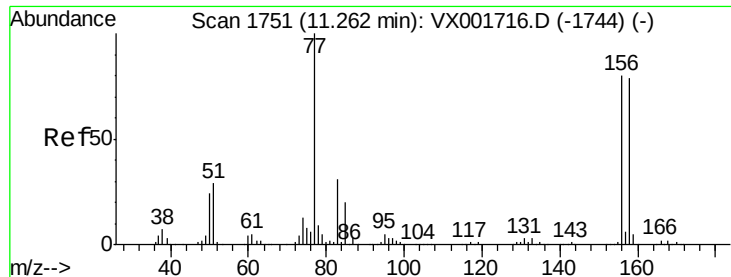
77 31.1 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

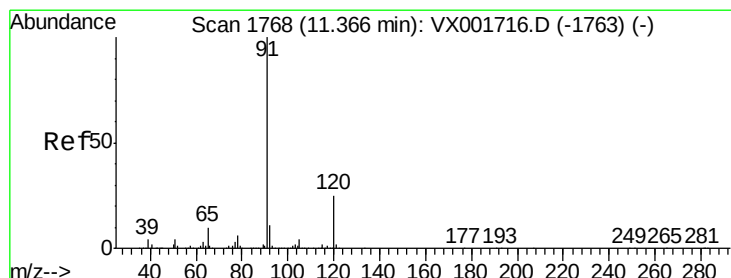
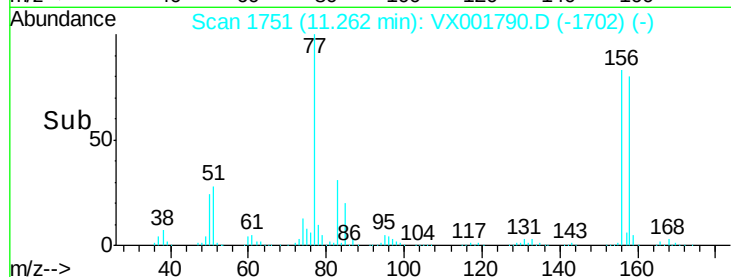
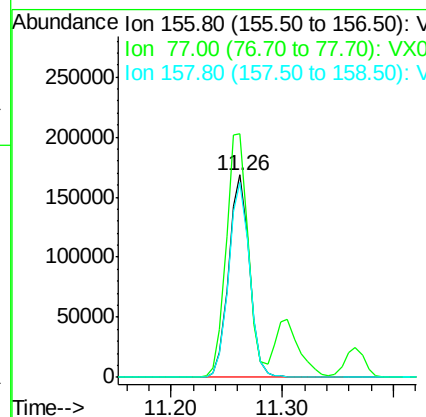
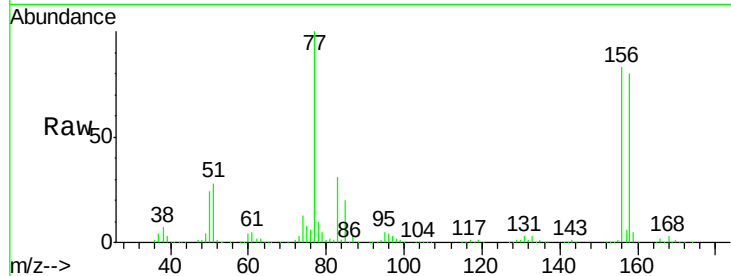




#77
Bromobenzene
Concen: 52.68 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

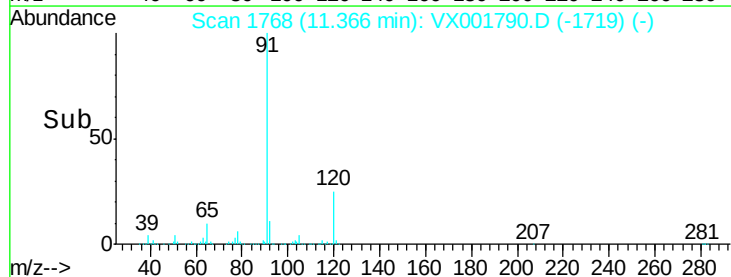
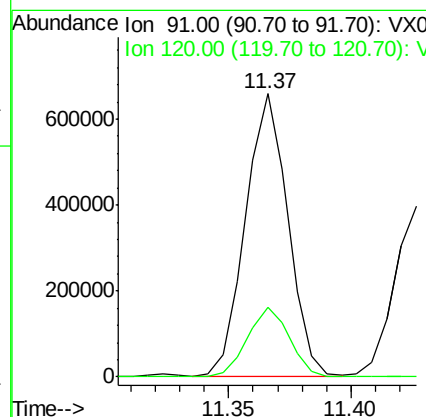
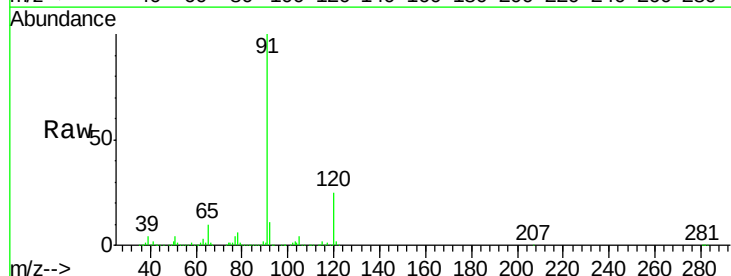
Instrument :
MSVOA_X
ClientSampleId :
ST008MW157-180508MS

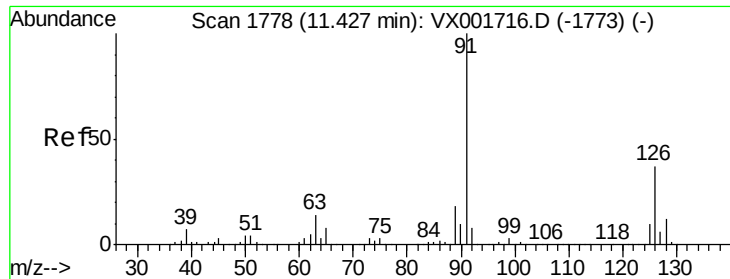
Tgt Ion:156 Resp: 216939
Ion Ratio Lower Upper
156 100
77 128.4 65.3 196.0
158 97.2 49.1 147.3



#78
n-propylbenzene
Concen: 50.20 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

Tgt Ion: 91 Resp: 792567
Ion Ratio Lower Upper
91 100
120 24.9 12.5 37.5





#79

2-Chlorotoluene

Concen: 51.88 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

Instrument :

MSVOA_X

ClientSampleId :

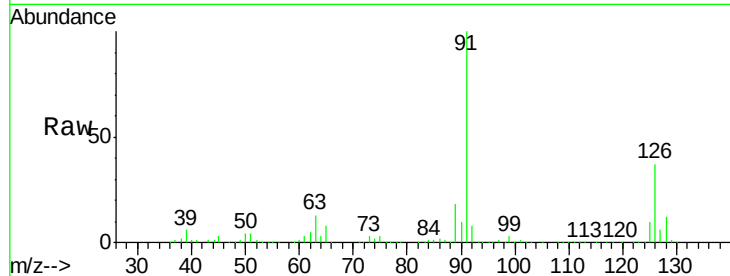
ST008MW157-180508MS

Tgt Ion: 91 Resp: 489934

Ion Ratio Lower Upper

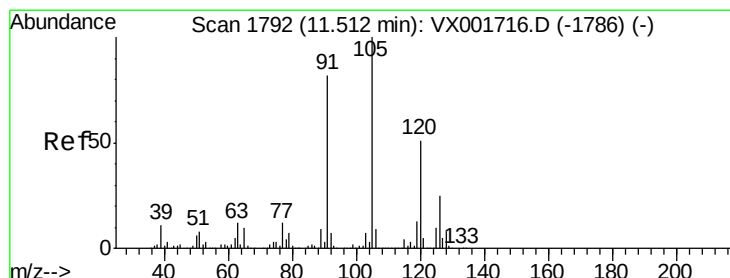
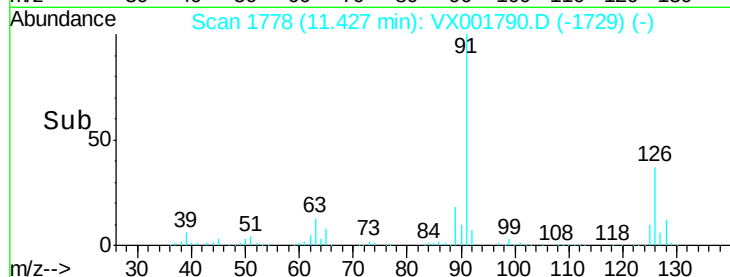
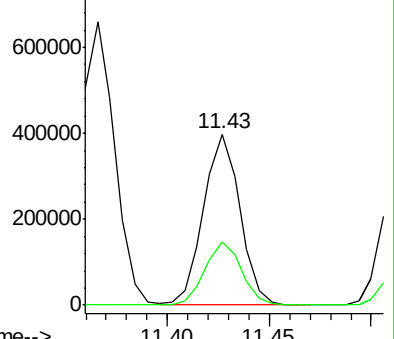
91 100

126 37.4 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VX001716.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX001716.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.03 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001790.D

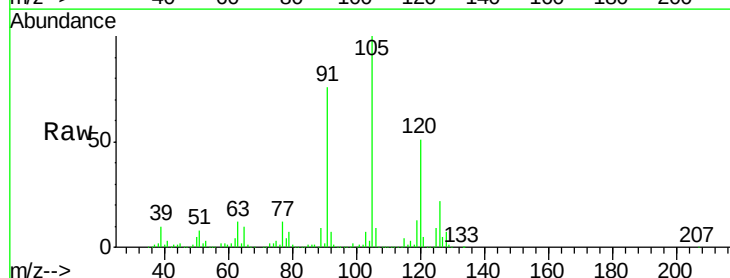
Acq: 17 May 2018 15:06

Tgt Ion: 105 Resp: 609644

Ion Ratio Lower Upper

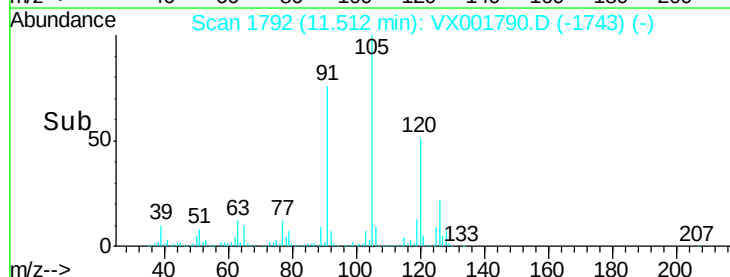
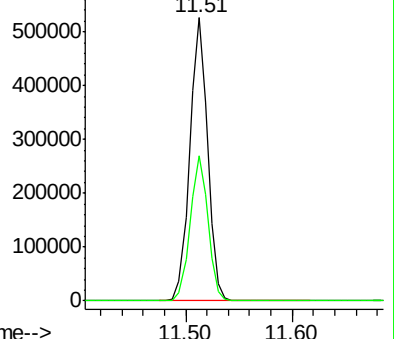
105 100

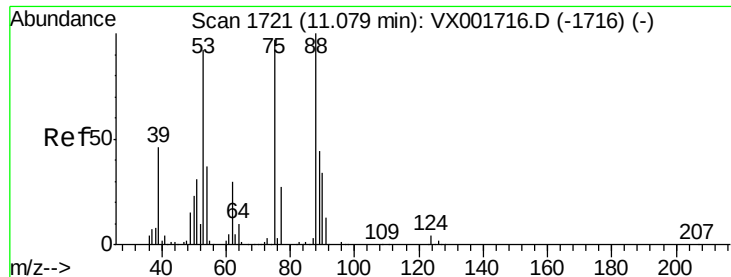
120 51.5 25.7 77.0



Abundance Ion 105.00 (104.70 to 105.70): VX001716.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001716.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 26.80 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-180508MS

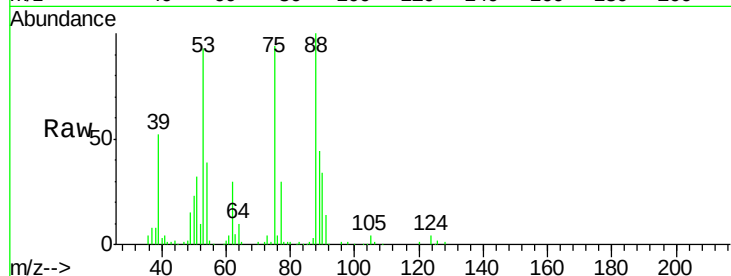
Tgt Ion: 75 Resp: 34159

Ion Ratio Lower Upper

75 100

53 101.4 79.4 119.2

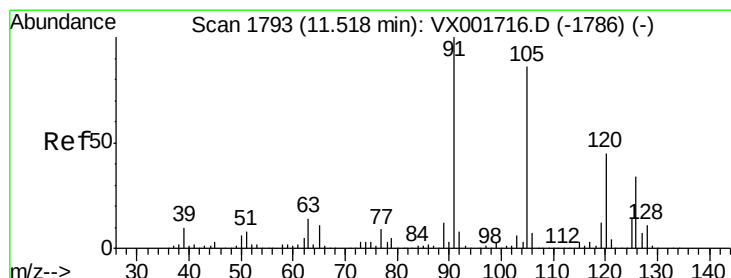
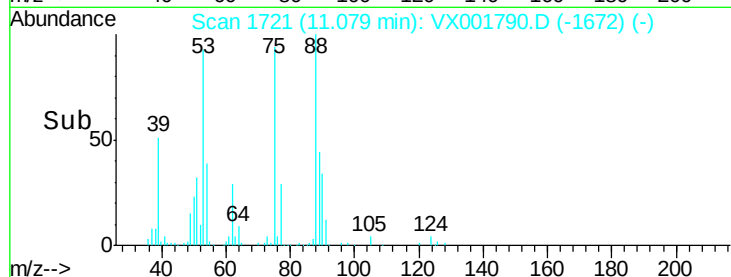
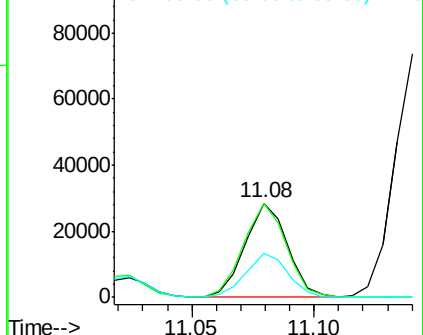
89 47.0 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.29 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001790.D

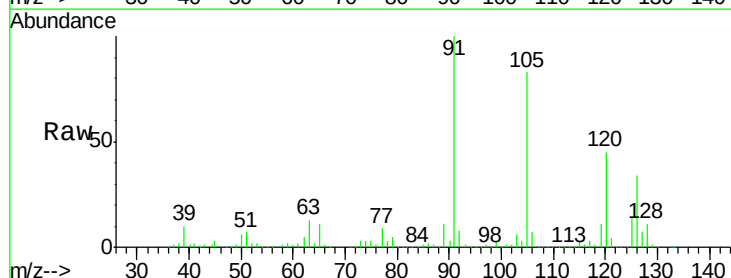
Acq: 17 May 2018 15:06

Tgt Ion: 91 Resp: 559420

Ion Ratio Lower Upper

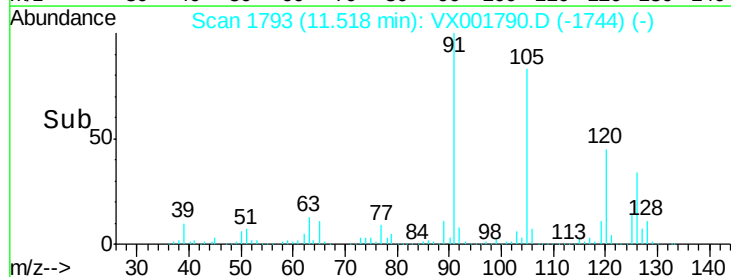
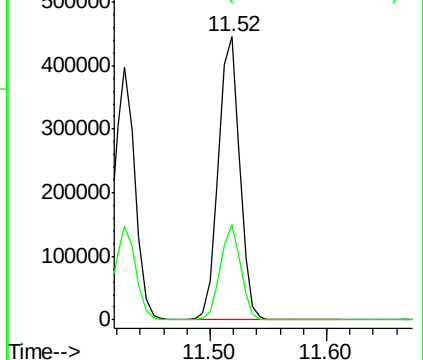
91 100

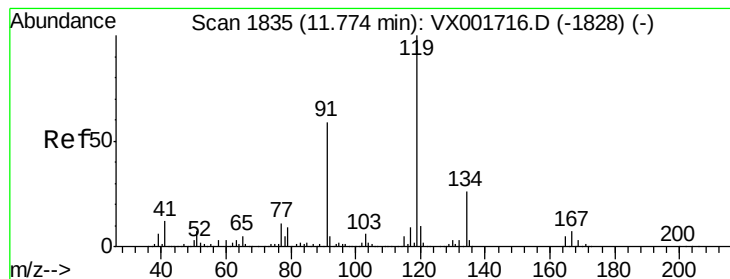
126 32.3 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 55.07 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-180508MS

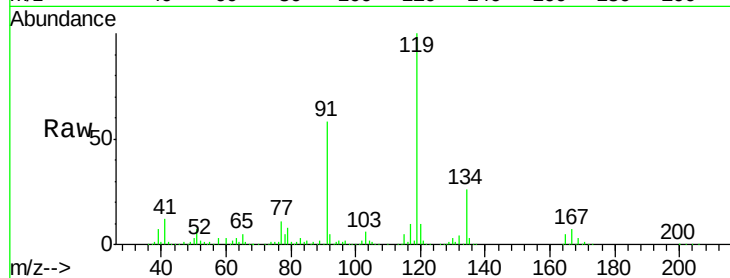
Tgt Ion:119 Resp: 630082

Ion Ratio Lower Upper

119 100

91 53.0 27.7 83.0

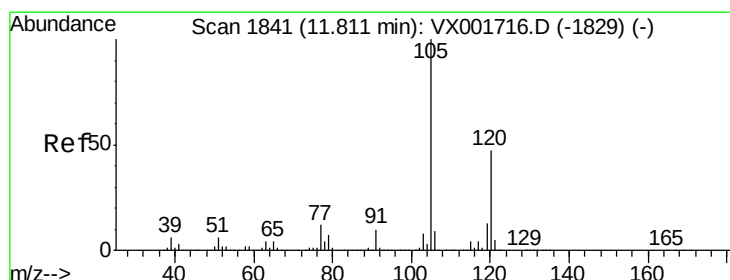
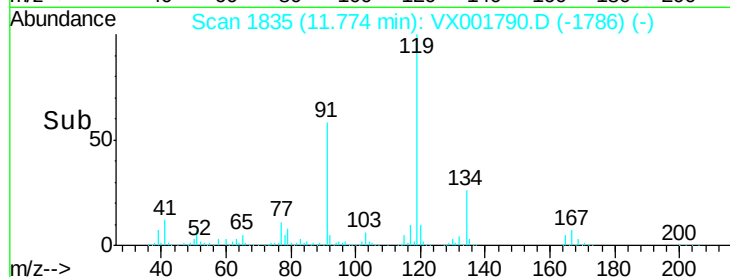
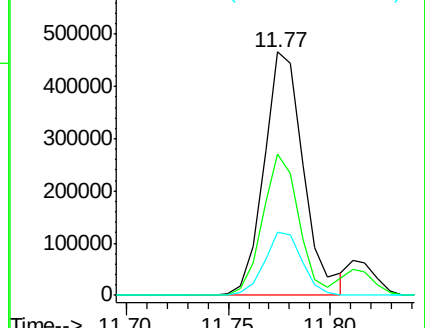
134 24.7 12.7 38.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.27 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX001790.D

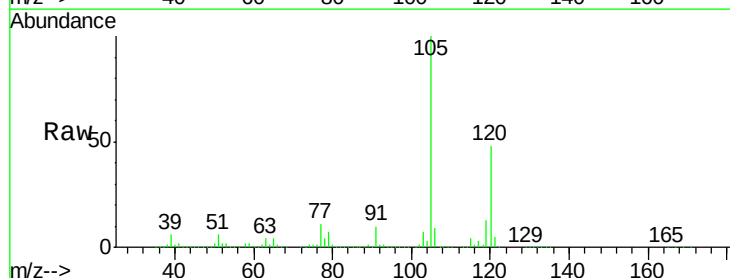
Acq: 17 May 2018 15:06

Tgt Ion:105 Resp: 634204

Ion Ratio Lower Upper

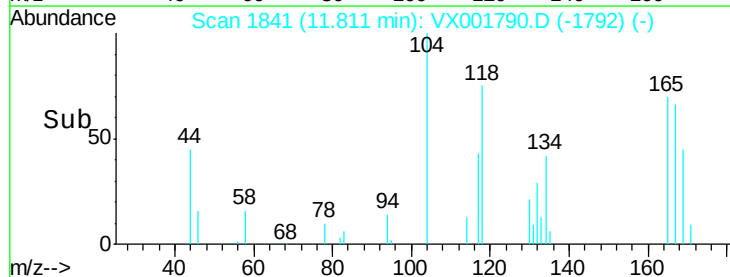
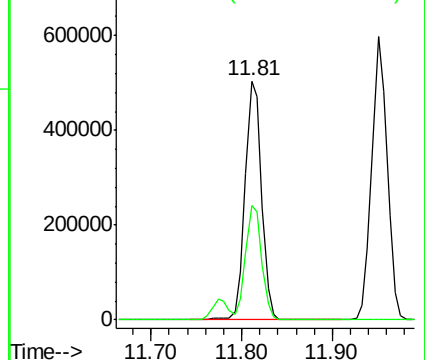
105 100

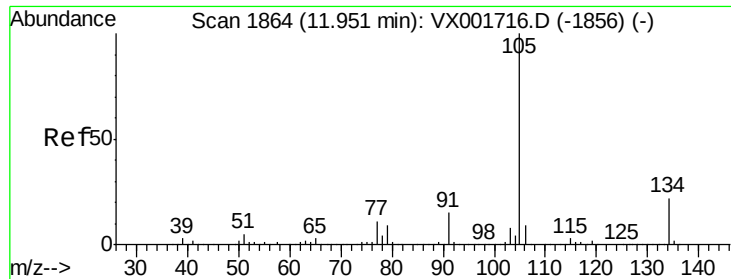
120 46.9 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.63 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

Instrument :

MSVOA_X

ClientSampleId :

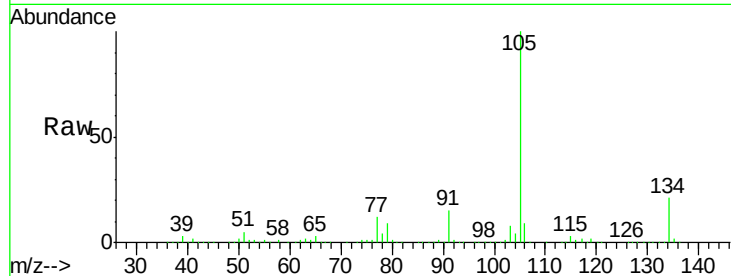
ST008MW157-180508MS

Tgt Ion:105 Resp: 715019

Ion Ratio Lower Upper

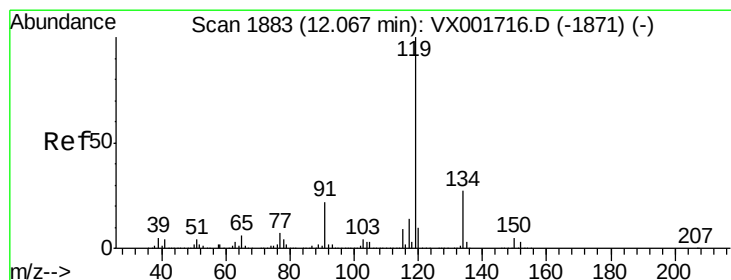
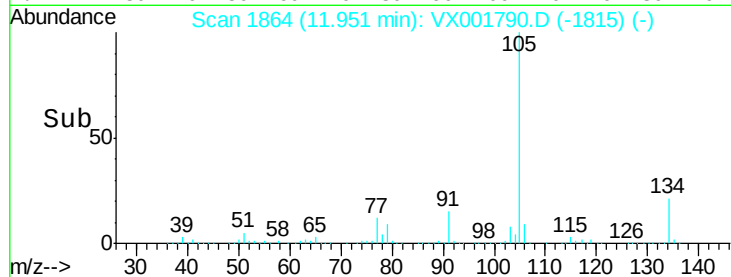
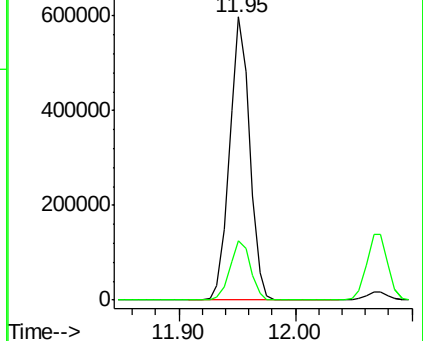
105 100

134 21.6 10.9 32.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.65 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

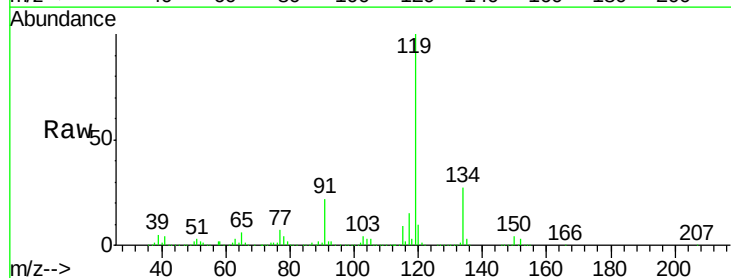
Tgt Ion:119 Resp: 648825

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.8

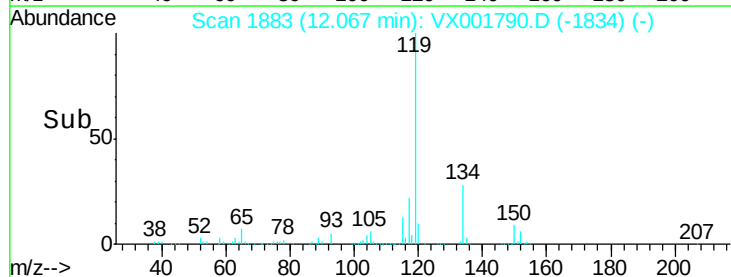
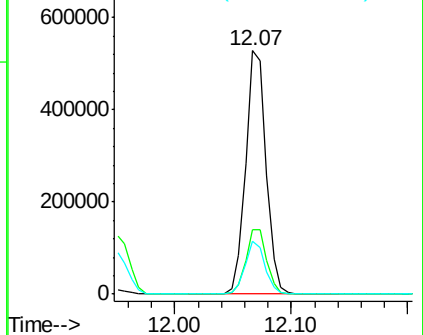
91 21.2 10.7 32.1

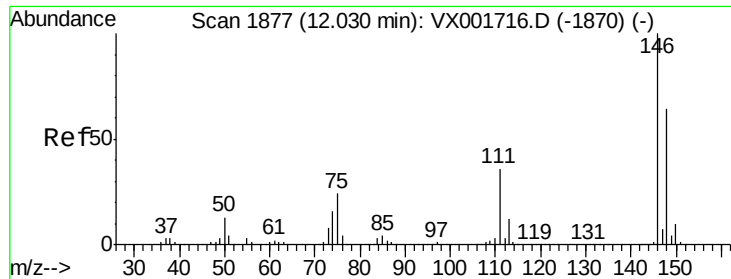


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

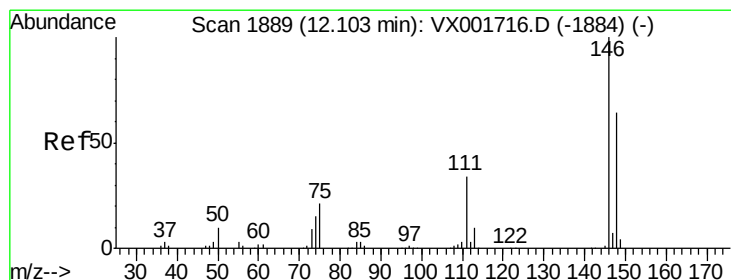
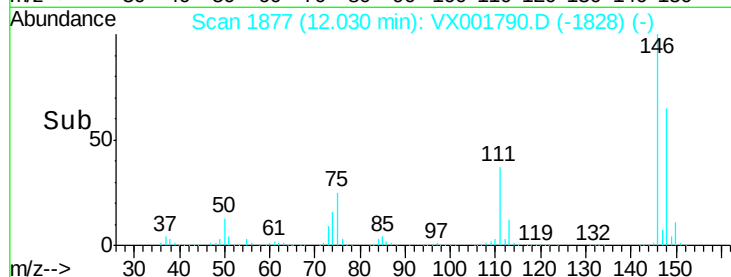
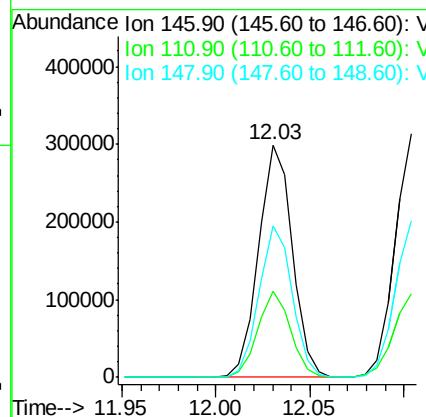
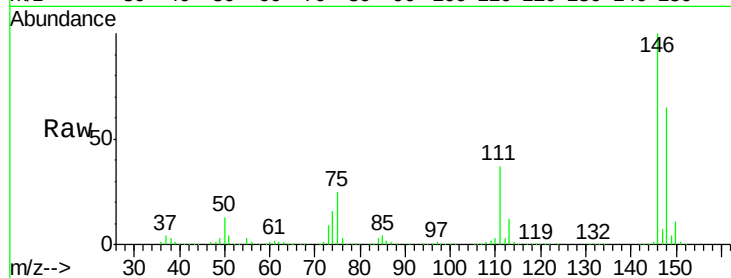




#87
 1,3-Dichlorobenzene
 Concen: 48.71 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001790.D
 Acq: 17 May 2018 15:06

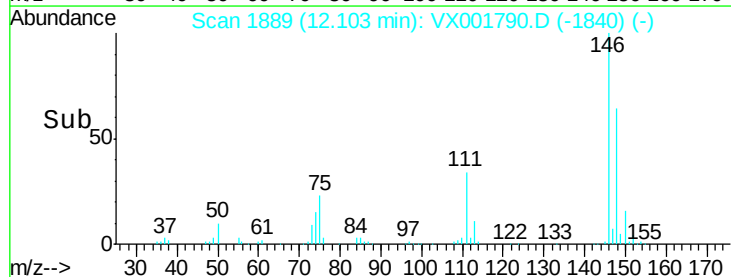
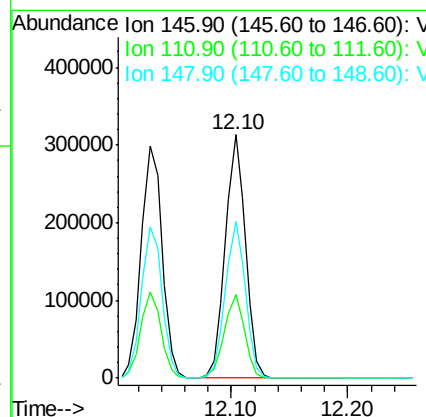
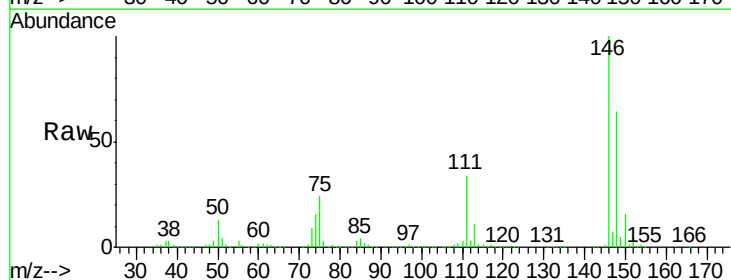
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW157-180508MS

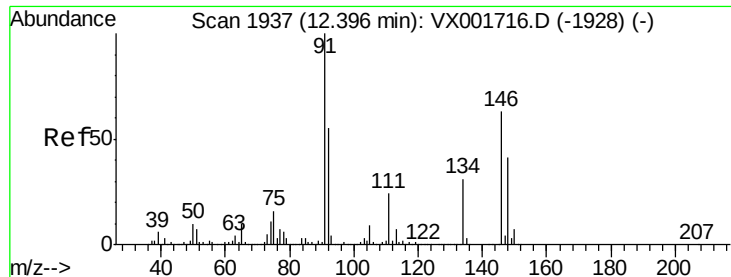
Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	17.8	53.4
148	64.3	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 47.43 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001790.D
 Acq: 17 May 2018 15:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.8	17.3	52.0
148	64.1	32.3	96.9

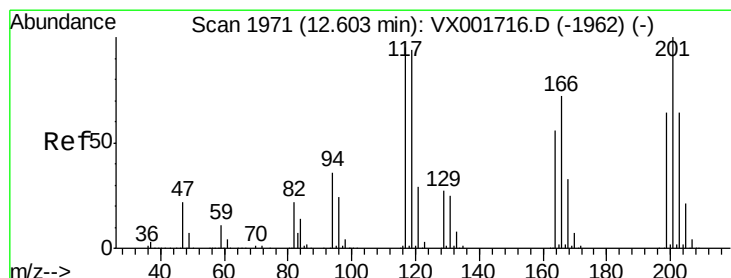
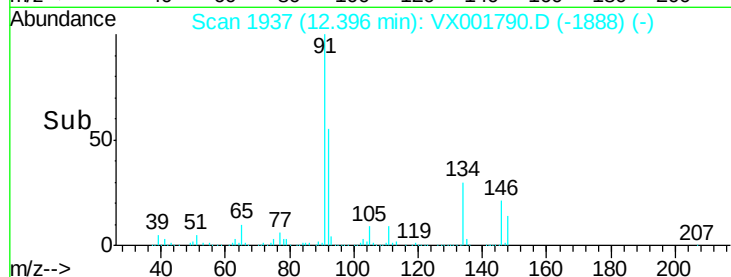
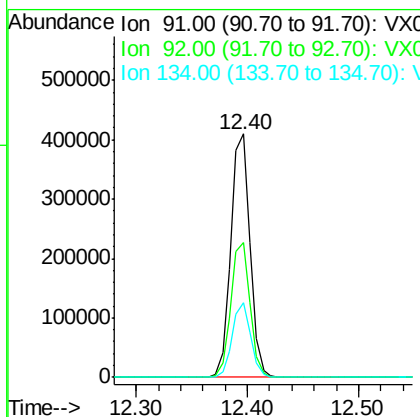
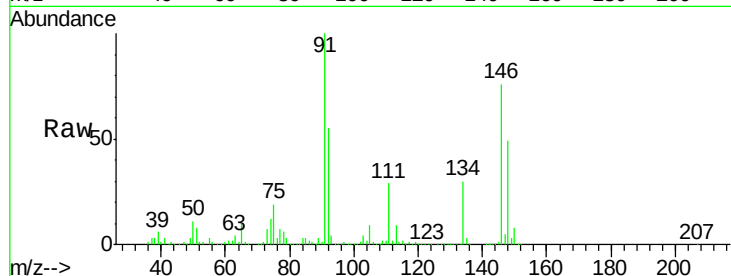




#89
n-Butylbenzene
Concen: 43.08 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

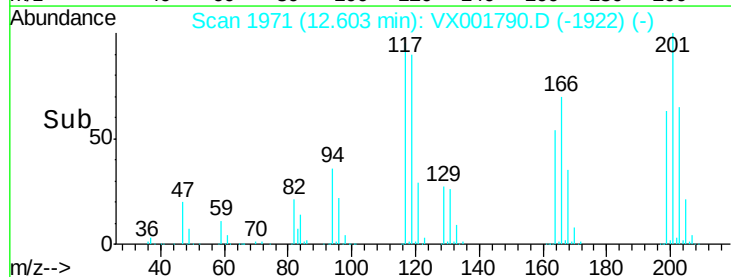
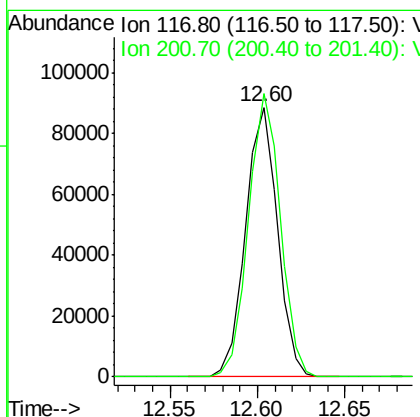
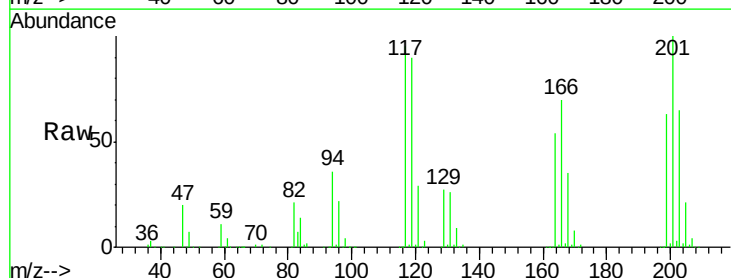
Instrument :
MSVOA_X
ClientSampleId :
ST008MW157-180508MS

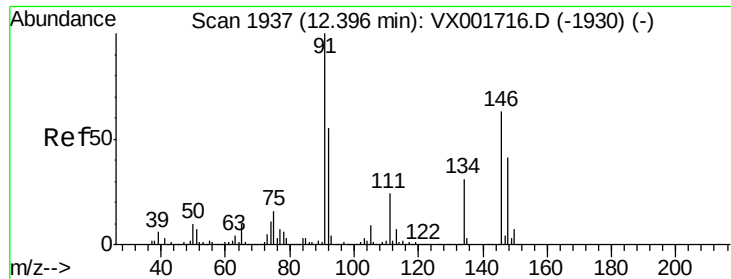
Tgt Ion: 91 Resp: 486957
Ion Ratio Lower Upper
91 100
92 55.2 27.3 81.9
134 29.5 14.7 44.1



#90
Hexachloroethane
Concen: 55.35 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001790.D
Acq: 17 May 2018 15:06

Tgt Ion: 117 Resp: 112343
Ion Ratio Lower Upper
117 100
201 105.1 51.9 155.7

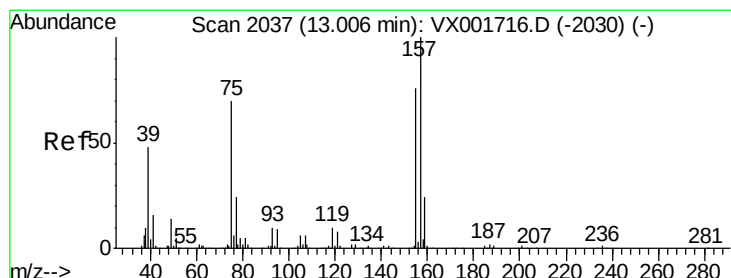
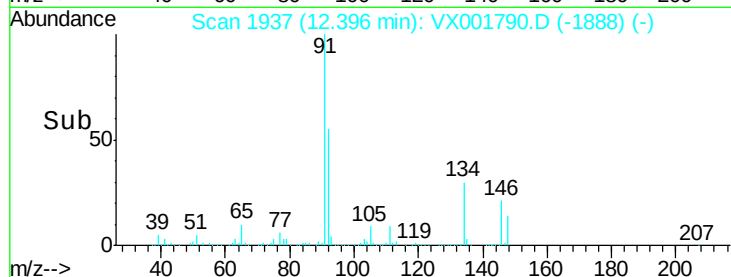
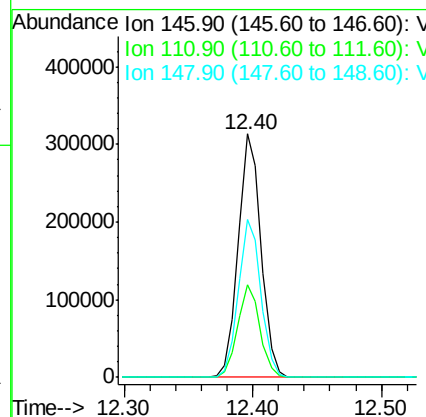
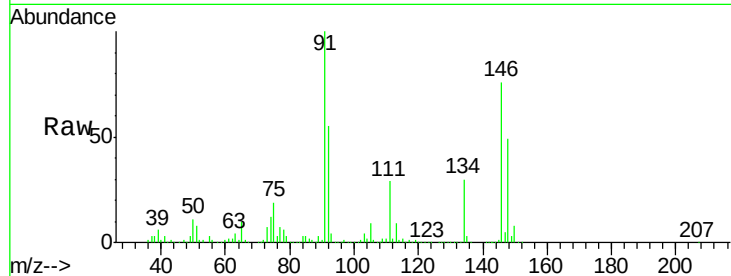




#91
 1,2-Dichlorobenzene
 Concen: 51.08 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001790.D
 Acq: 17 May 2018 15:06

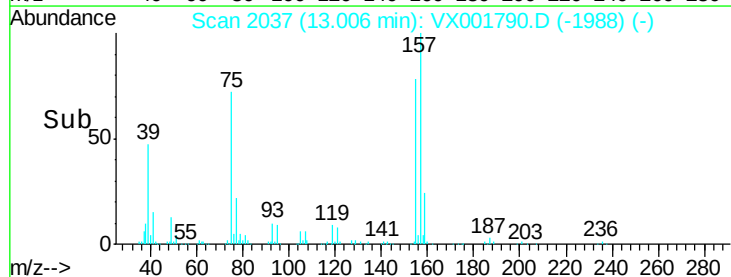
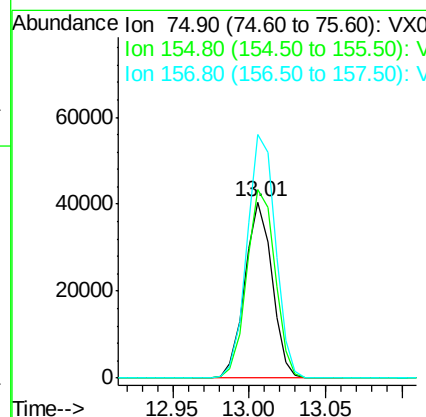
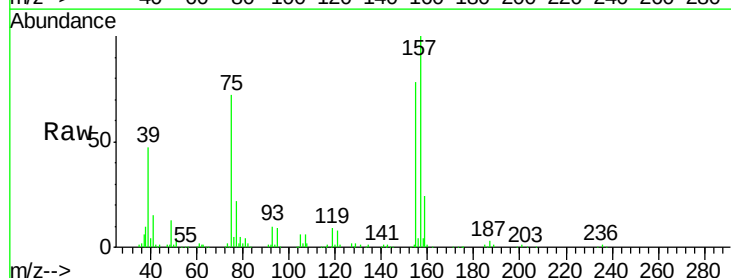
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW157-180508MS

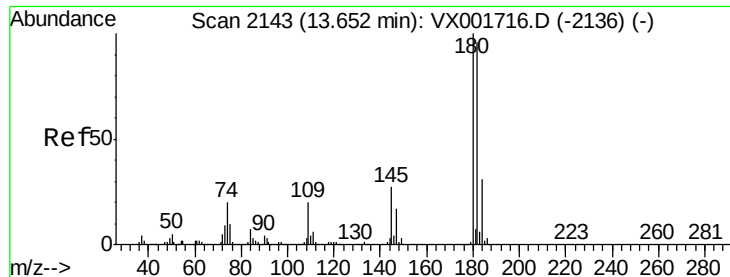
Tgt Ion: 146 Resp: 387592
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 56.0
 148 64.1 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.06 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001790.D
 Acq: 17 May 2018 15:06

Tgt Ion: 75 Resp: 50303
 Ion Ratio Lower Upper
 75 100
 155 111.1 53.9 161.8
 157 144.0 71.0 213.2

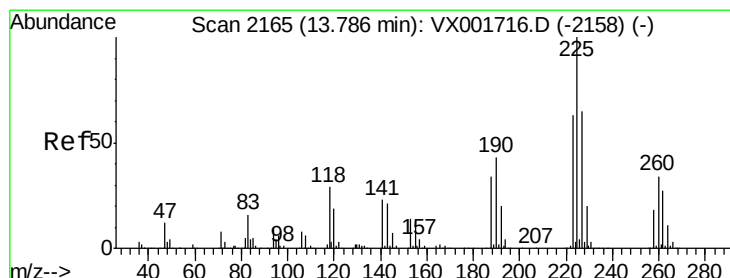
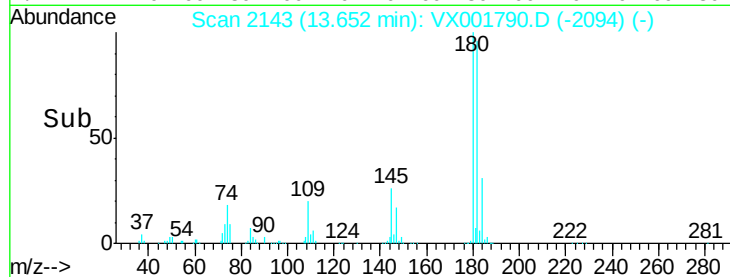
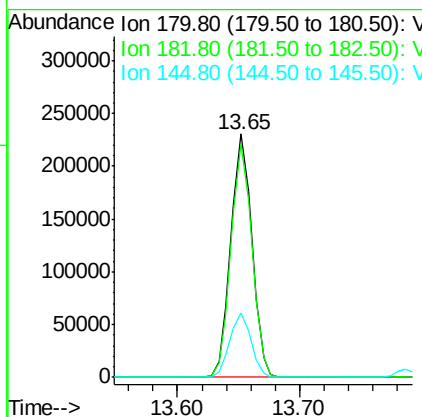
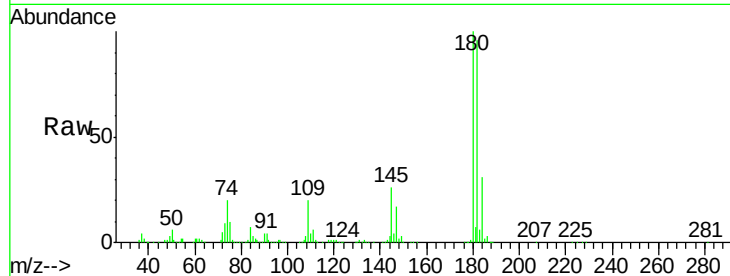




#93
 1,2,4-Trichlorobenzene
 Concen: 45.31 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001790.D
 Acq: 17 May 2018 15:06

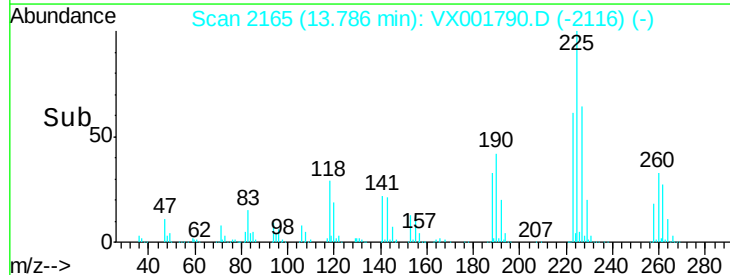
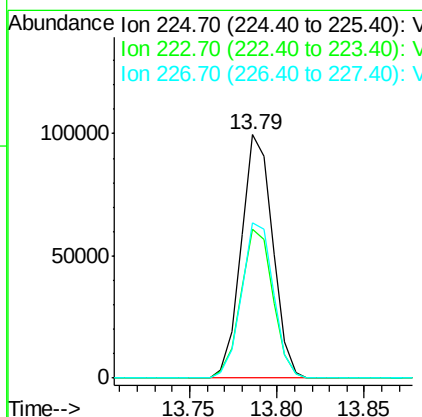
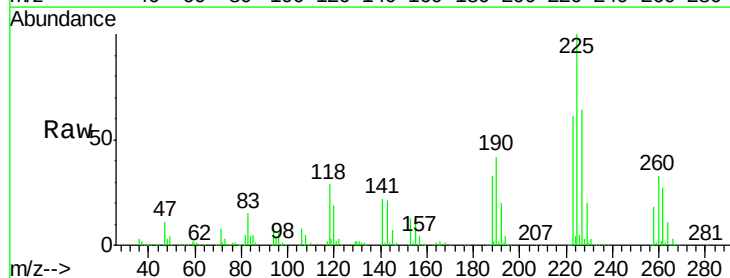
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW157-180508MS

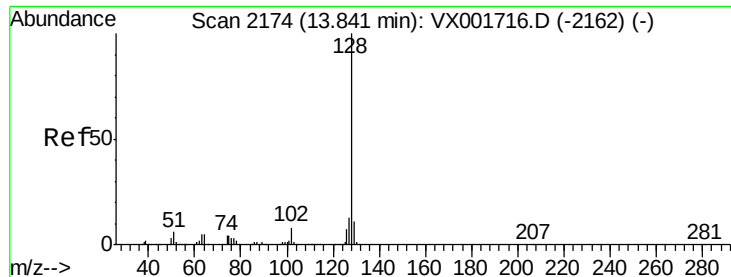
Tgt Ion:180 Resp: 274050
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.6 142.9
 145 26.6 13.4 40.1



#94
 Hexachlorobutadiene
 Concen: 38.27 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001790.D
 Acq: 17 May 2018 15:06

Tgt Ion:225 Resp: 124267
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.1 93.5
 227 64.9 31.9 95.5





#95

Naphthalene

Concen: 53.56 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-180508MS

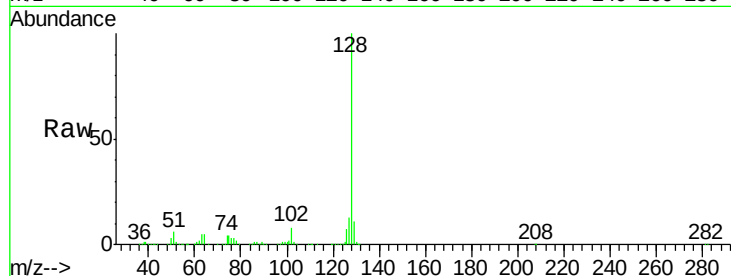
Tgt Ion:128 Resp: 841970

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

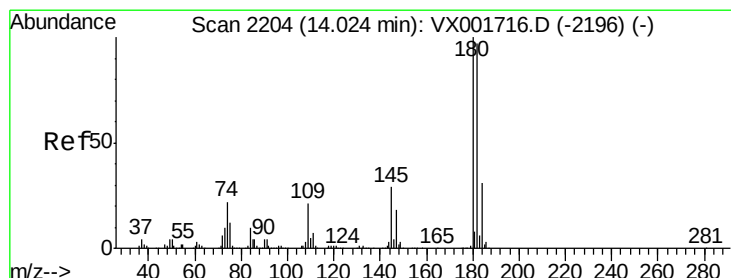
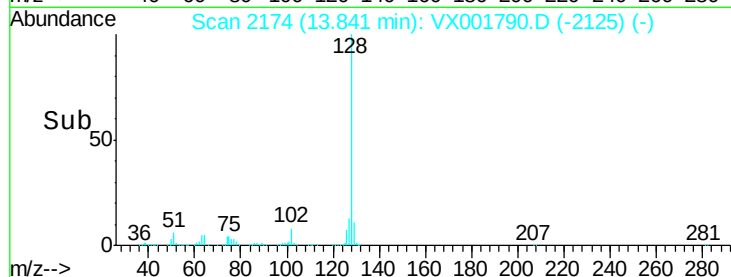
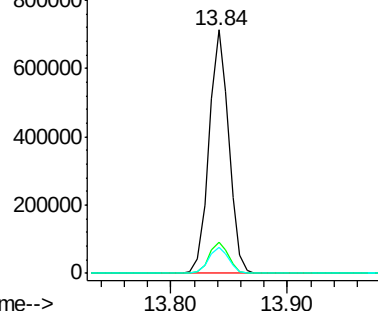
129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.23 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001790.D

Acq: 17 May 2018 15:06

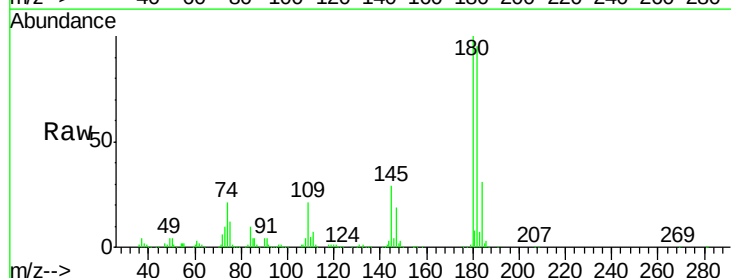
Tgt Ion:180 Resp: 293750

Ion Ratio Lower Upper

180 100

182 96.0 47.9 143.7

145 28.1 14.2 42.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

