

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051718\
 Data File : VX001791.D
 Acq On : 17 May 2018 15:33
 Operator : JC/MD
 Sample : J2853-20MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW157-180508MSD

Quant Time: May 18 03:57:21 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	236121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	339924	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	257105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	152747	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	183071	57.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.68%	
35) Dibromofluoromethane	5.51	113	158234	55.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.32%	
50) Toluene-d8	8.72	98	485518	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
62) 4-Bromofluorobenzene	11.14	95	150619	40.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	110263	46.53	ug/l	98
3) Chloromethane	1.32	50	167585	65.47	ug/l	99
4) Vinyl Chloride	1.40	62	252597	91.28	ug/l	99
5) Bromomethane	1.64	94	66072	57.19	ug/l	96
6) Chloroethane	1.72	64	109130	62.61	ug/l	98
7) Trichlorofluoromethane	1.93	101	184578	45.90	ug/l	98
8) Diethyl Ether	2.19	74	106321	64.23	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	89303	36.89	ug/l	98
10) Methyl Iodide	2.51	142	189082	84.90	ug/l	98
11) Tert butyl alcohol	3.09	59	176671	314.42	ug/l	99
12) 1,1-Dichloroethene	2.37	96	118144	50.62	ug/l	99
13) Acrolein	2.30	56	125648	315.29	ug/l	100
14) Allyl chloride	2.73	41	216980	50.30	ug/l	95
15) Acrylonitrile	3.15	53	463296	328.27	ug/l	100
16) Acetone	2.45	43	394304	317.20	ug/l	98
17) Carbon Disulfide	2.57	76	285979	46.98	ug/l	99
18) Methyl Acetate	2.78	43	215369	59.26	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	501687	63.78	ug/l	99
20) Methylene Chloride	2.86	84	160851	60.45	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	134658	52.38	ug/l	97
22) Diisopropyl ether	3.88	45	525853	63.54	ug/l	98
23) Vinyl Acetate	3.83	43	1499380	251.47	ug/l	100
24) 1,1-Dichloroethane	3.70	63	270426	59.59	ug/l	100
25) 2-Butanone	4.72	43	639997	336.28	ug/l	97
26) 2,2-Dichloropropane	4.59	77	30918	8.46	ug/l #	50
27) cis-1,2-Dichloroethene	4.60	96	206862	70.71	ug/l	91
28) Bromochloromethane	5.03	49	138304	68.60	ug/l	99
29) Tetrahydrofuran	5.17	42	421909	340.10	ug/l	100
30) Chloroform	5.22	83	285041	59.79	ug/l	99
31) Cyclohexane	5.58	56	141969	35.69	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	217025	52.68	ug/l	100
36) 1,1-Dichloropropene	5.80	75	156311	39.95	ug/l	99
37) Ethyl Acetate	4.87	43	212644	52.14	ug/l	99
38) Carbon Tetrachloride	5.79	117	172188	42.00	ug/l	100

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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	129480	28.32	ug/l	100
40) Benzene	6.15	78	606538	52.61	ug/l	100
41) Methacrylonitrile	5.07	41	141107	59.84	ug/l	99
42) 1,2-Dichloroethane	6.20	62	227051	54.45	ug/l	99
43) Isopropyl Acetate	6.48	43	348759	54.64	ug/l	99
44) Trichloroethene	7.22	130	159461	44.56	ug/l	99
45) 1,2-Dichloropropane	7.52	63	162030	57.27	ug/l	98
46) Dibromomethane	7.67	93	112360	56.56	ug/l	98
47) Bromodichloromethane	7.90	83	211168	57.29	ug/l	97
48) Methyl methacrylate	7.79	41	204491	60.87	ug/l	97
49) 1,4-Dioxane	7.76	88	83169	1285.75	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1281646	316.86	ug/l	98
52) Toluene	8.79	92	348689	47.07	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	181474	41.84	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	146489	38.32	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	151777	53.60	ug/l	99
56) Ethyl methacrylate	9.19	69	229543	57.16	ug/l	97
57) 1,3-Dichloropropane	9.38	76	247151	52.13	ug/l	100
59) 2-Hexanone	9.51	43	843945	291.47	ug/l	99
60) Dibromochloromethane	9.59	129	160379	55.31	ug/l	100
61) 1,2-Dibromoethane	9.68	107	158132	53.34	ug/l	99
64) Tetrachloroethene	9.34	164	132261	39.52	ug/l	99
65) Chlorobenzene	10.15	112	346520	49.00	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	145303	58.17	ug/l	99
67) Ethyl Benzene	10.26	91	500335	44.27	ug/l	99
68) m/p-Xylenes	10.37	106	402015	90.15	ug/l	99
69) o-Xylene	10.71	106	211602	49.55	ug/l	99
70) Styrene	10.72	104	357559	50.77	ug/l	100
71) Bromoform	10.87	173	133264	56.90	ug/l	100
73) Isopropylbenzene	11.02	105	483152	48.03	ug/l	100
74) N-amyl acetate	6.48	43	348759	72.32	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	219867	72.86	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	216539	74.55	ug/l	90
77) Bromobenzene	11.26	156	169763	57.43	ug/l	98
78) n-propylbenzene	11.37	91	505208	44.58	ug/l	99
79) 2-Chlorotoluene	11.43	91	342634	50.55	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	408811	49.54	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	32073	34.04	ug/l	96
82) 4-Chlorotoluene	11.52	91	391005	48.97	ug/l	100
83) tert-Butylbenzene	11.77	119	414926	50.52	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	438597	51.32	ug/l	100
85) sec-Butylbenzene	11.95	105	438824	43.29	ug/l	100
86) p-Isopropyltoluene	12.07	119	412608	43.99	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	272768	49.90	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	275597	48.76	ug/l	100
89) n-Butylbenzene	12.40	91	303496	37.41	ug/l	100
90) Hexachloroethane	12.60	117	70419	48.34	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	298897	54.88	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48694	75.61	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	206364	47.53	ug/l	99

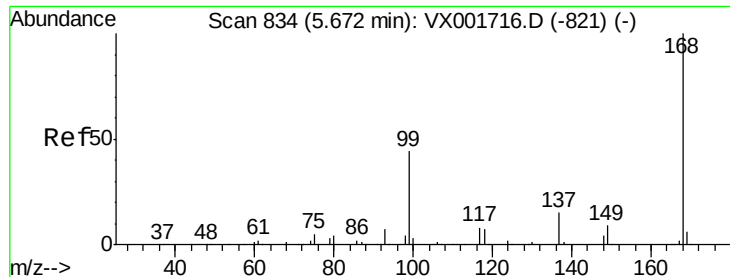
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	81709	35.06	ug/l	99
95) Naphthalene	13.84	128	739588	65.54	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	233867	53.50	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

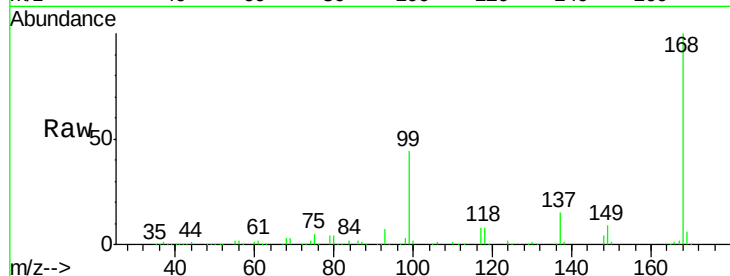
ST008MW157-180508MSD

Tgt Ion:168 Resp: 236121

Ion Ratio Lower Upper

168 100

99 43.9 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

80000

60000

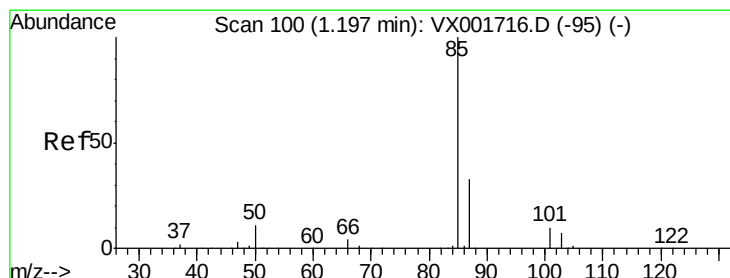
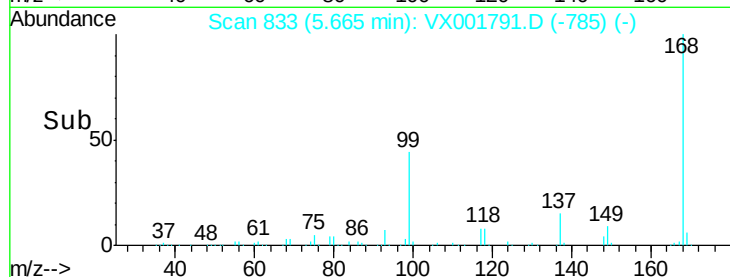
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 46.53 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001791.D

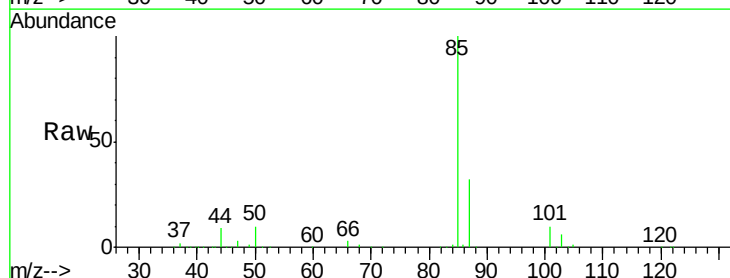
Acq: 17 May 2018 15:33

Tgt Ion: 85 Resp: 110263

Ion Ratio Lower Upper

85 100

87 31.9 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

120000

100000

80000

60000

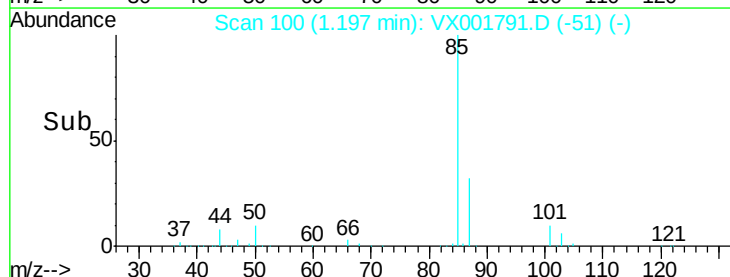
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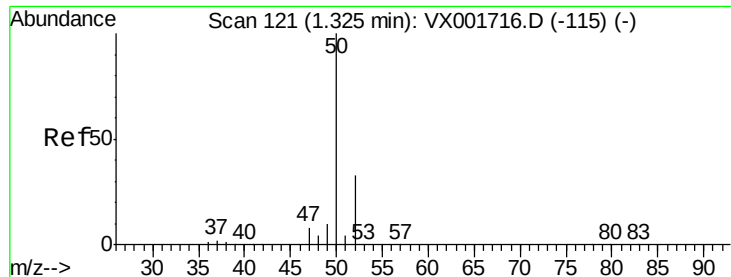
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 65.47 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

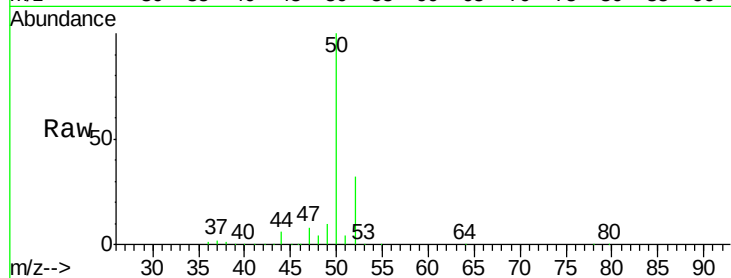
ST008MW157-180508MSD

Tgt Ion: 50 Resp: 167585

Ion Ratio Lower Upper

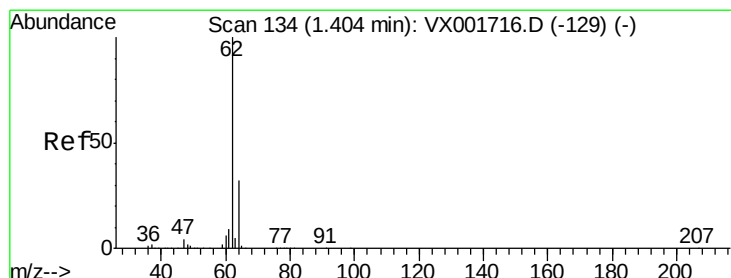
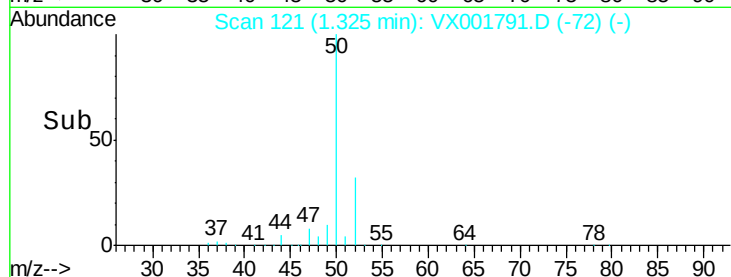
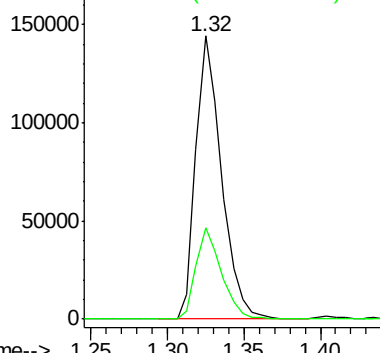
50 100

52 32.3 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 91.28 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001791.D

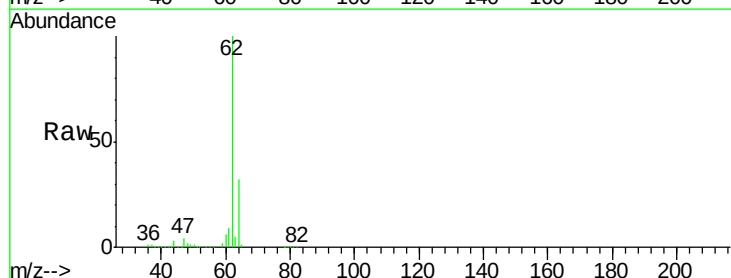
Acq: 17 May 2018 15:33

Tgt Ion: 62 Resp: 252597

Ion Ratio Lower Upper

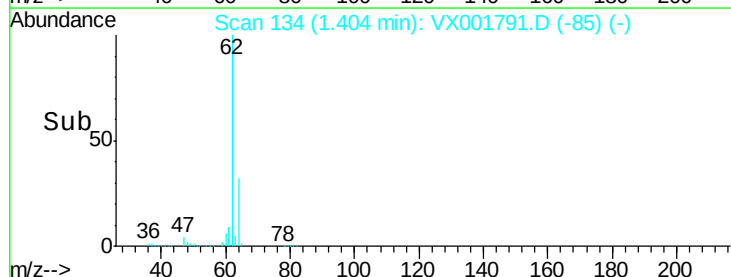
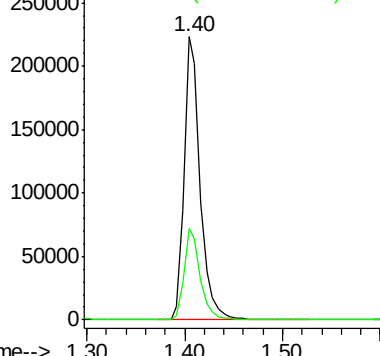
62 100

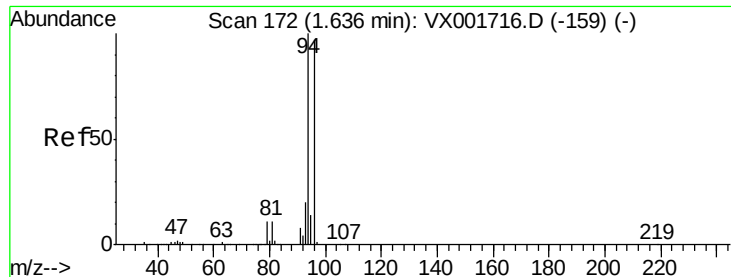
64 32.5 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 57.19 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

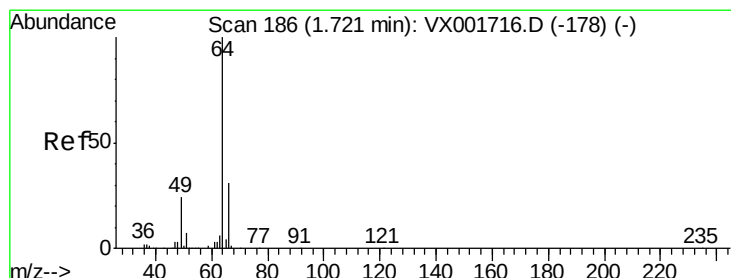
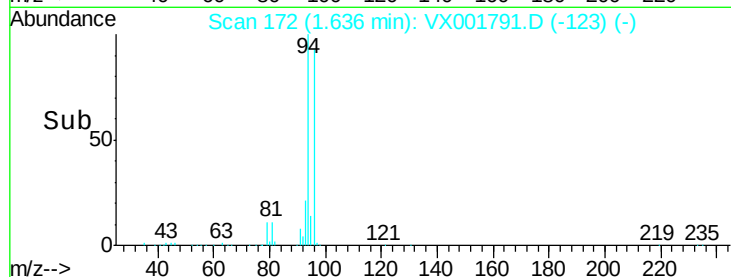
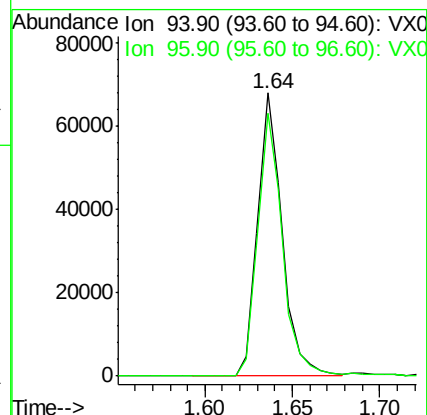
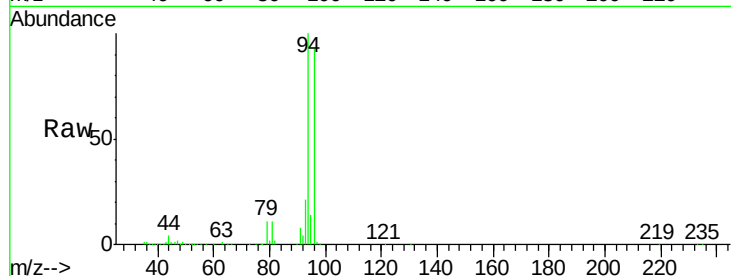
ST008MW157-180508MSD

Tgt Ion: 94 Resp: 66072

Ion Ratio Lower Upper

94 100

96 93.1 77.4 116.0



#6

Chloroethane

Concen: 62.61 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001791.D

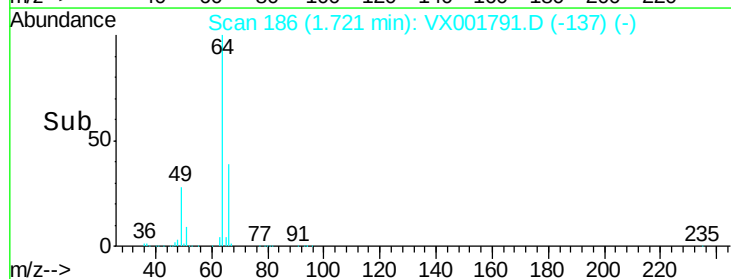
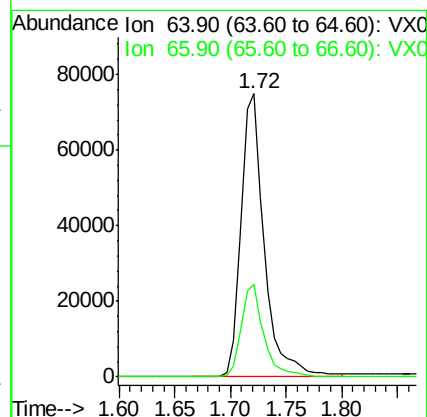
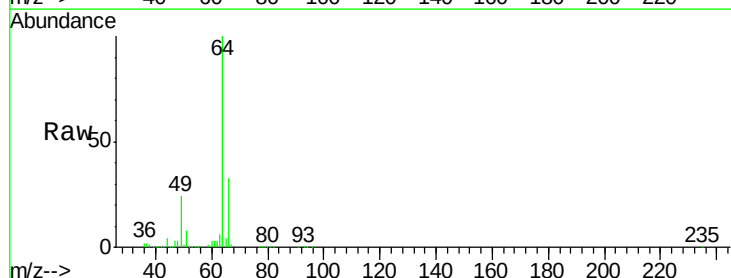
Acq: 17 May 2018 15:33

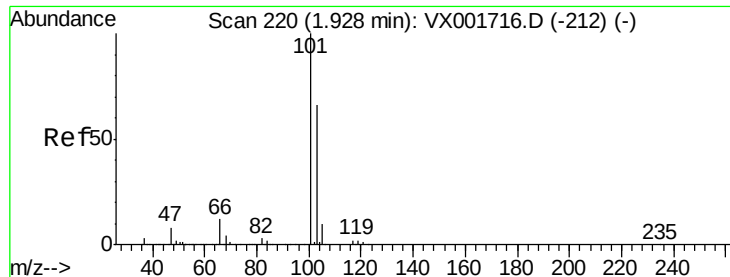
Tgt Ion: 64 Resp: 109130

Ion Ratio Lower Upper

64 100

66 32.7 25.2 37.8





#7

Trichlorofluoromethane

Concen: 45.90 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

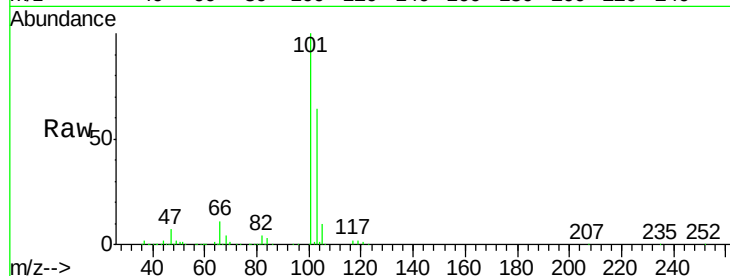
ST008MW157-180508MSD

Tgt Ion:101 Resp: 184578

Ion Ratio Lower Upper

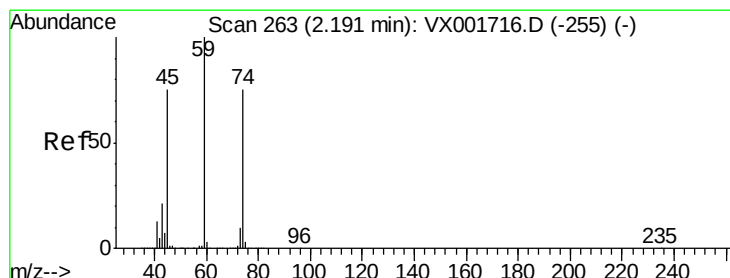
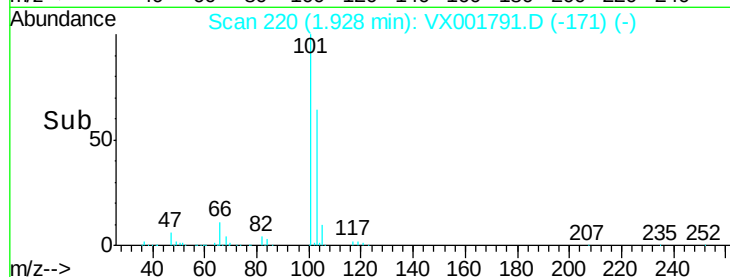
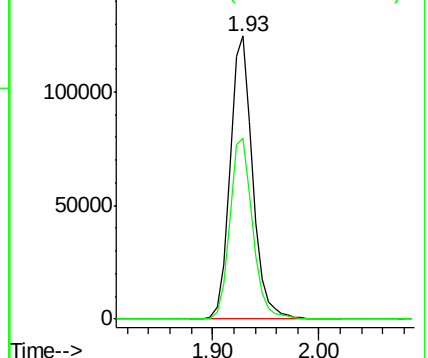
101 100

103 63.8 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: 64.23 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX001791.D

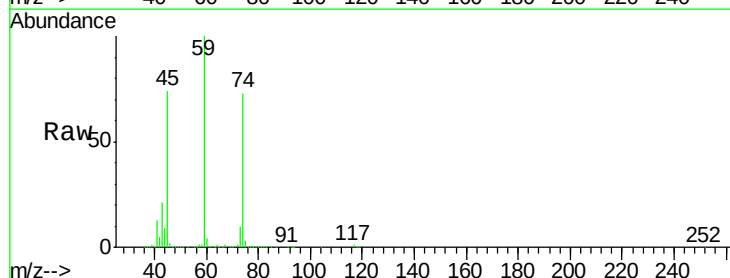
Acq: 17 May 2018 15:33

Tgt Ion: 74 Resp: 106321

Ion Ratio Lower Upper

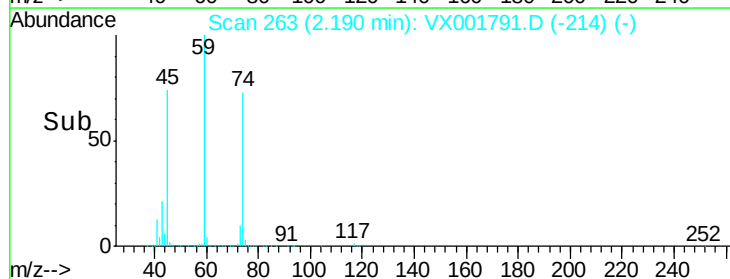
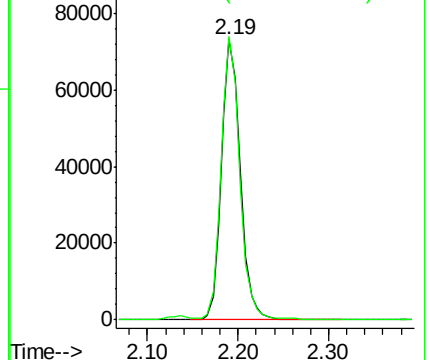
74 100

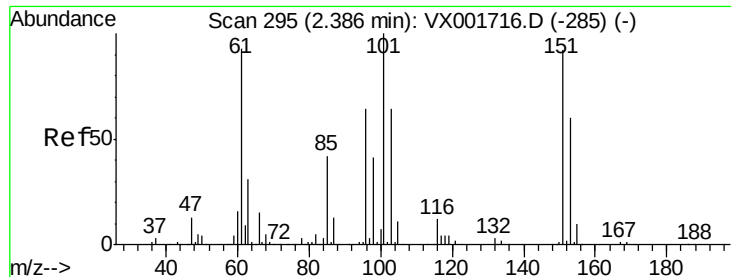
45 98.6 50.0 149.8



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: 36.89 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

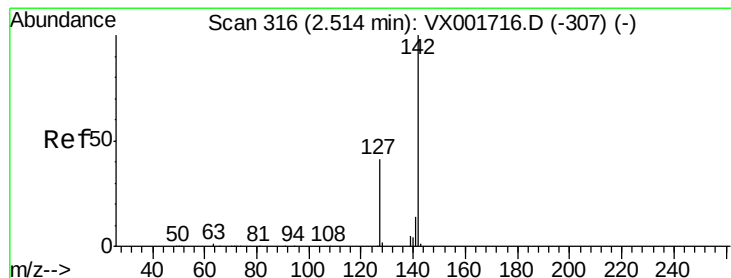
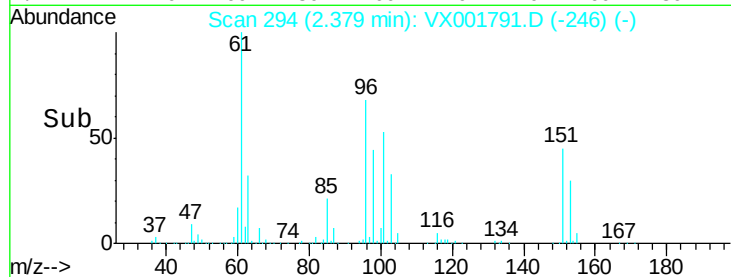
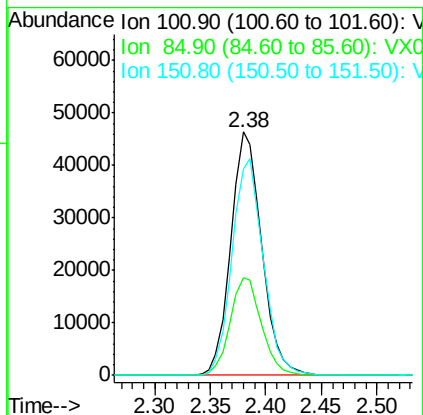
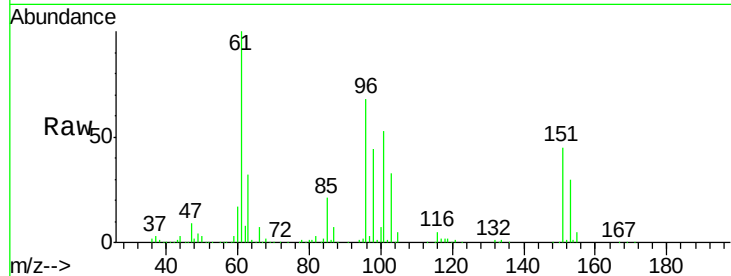
Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:	101	Resp:	89303
Ion	Ratio	Lower	Upper
101	100		
85	40.5	33.7	50.5
151	90.2	73.0	109.6



#10

Methyl Iodide

Concen: 84.90 ug/l

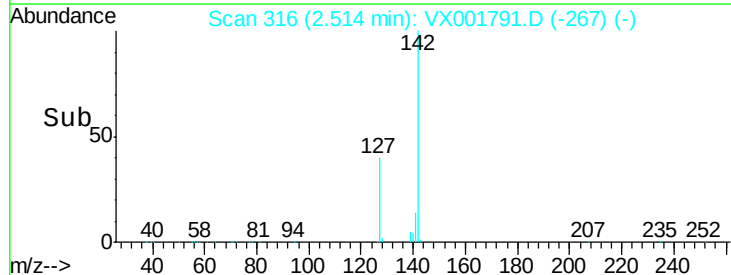
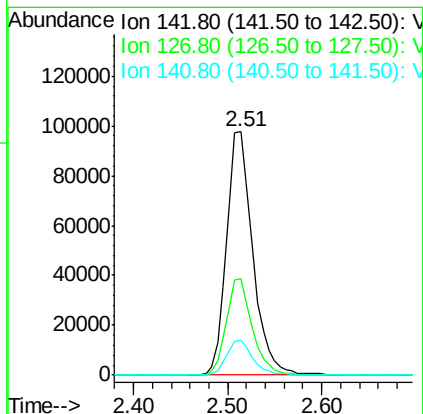
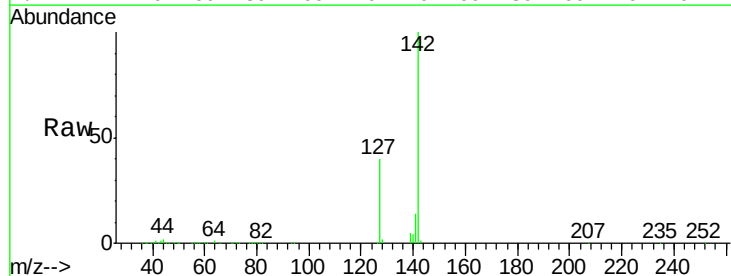
RT: 2.51 min Scan# 316

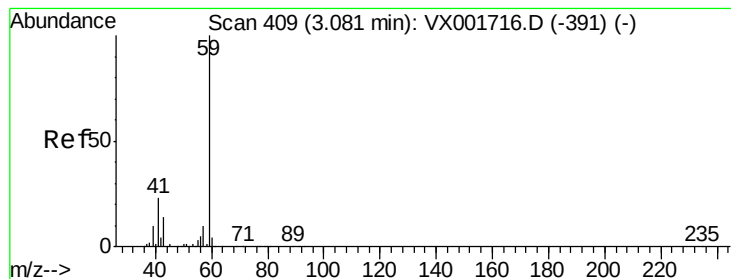
Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

Tgt Ion:	142	Resp:	189082
Ion	Ratio	Lower	Upper
142	100		
127	39.4	32.5	48.7
141	14.5	11.4	17.0





#11

Tert butyl alcohol

Concen: 314.42 ug/l

RT: 3.09 min Scan# 410

Delta R.T. 0.01 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

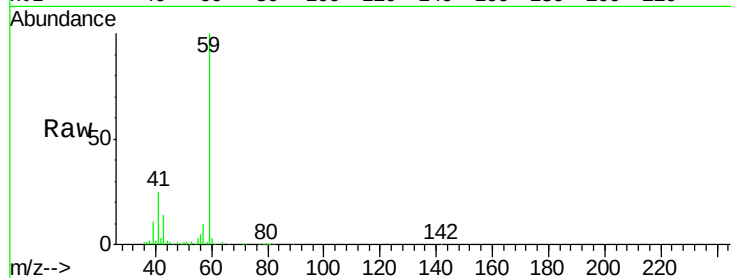
ST008MW157-180508MSD

Tgt Ion: 59 Resp: 176671

Ion Ratio Lower Upper

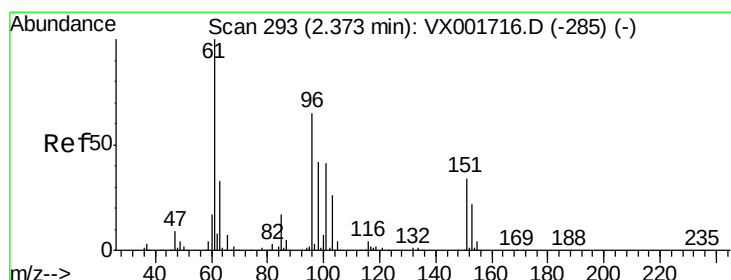
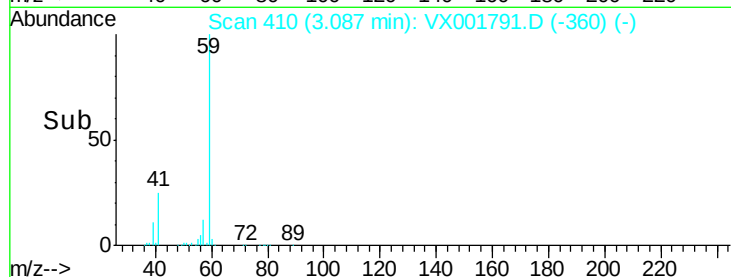
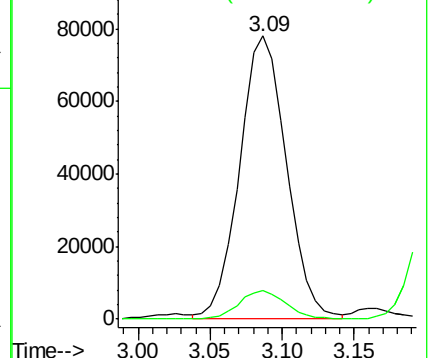
59 100

57 10.2 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: 50.62 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

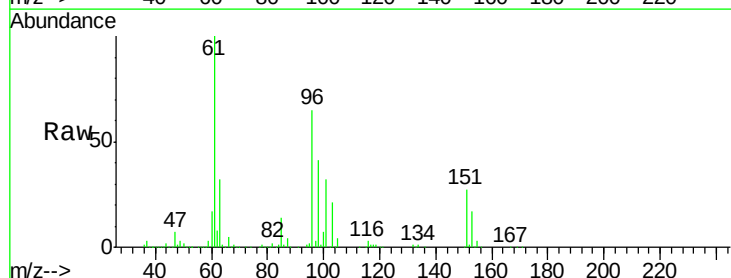
Tgt Ion: 96 Resp: 118144

Ion Ratio Lower Upper

96 100

61 153.7 122.2 183.2

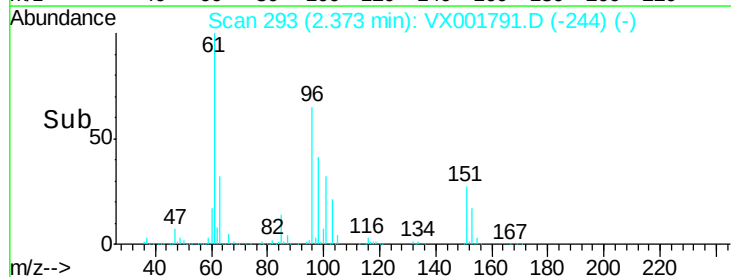
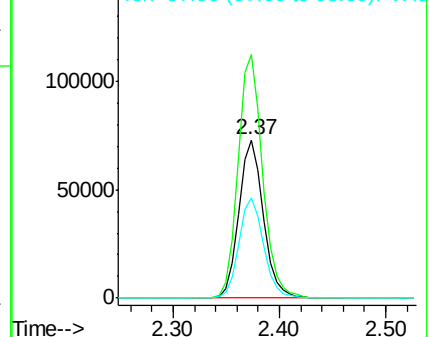
98 63.6 51.4 77.0

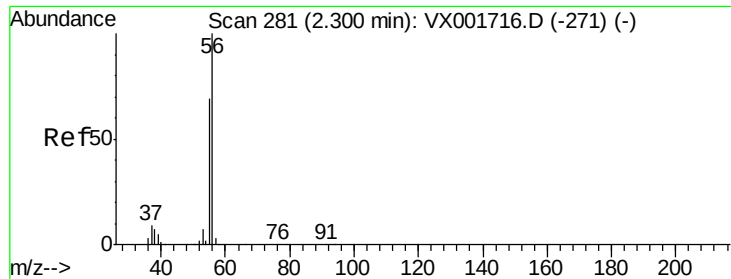


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 315.29 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

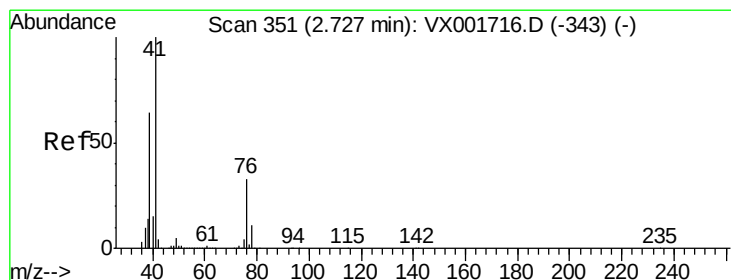
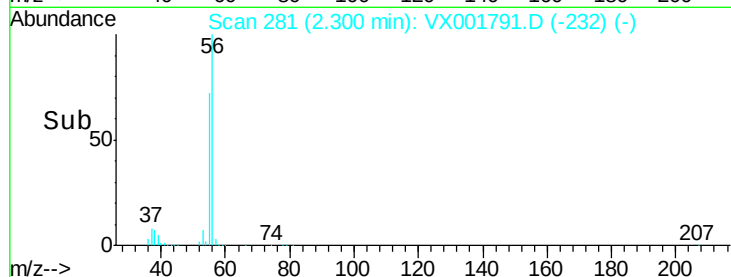
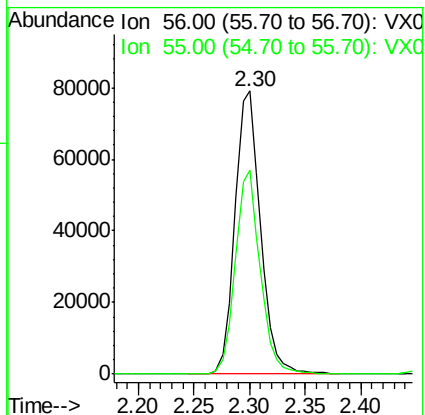
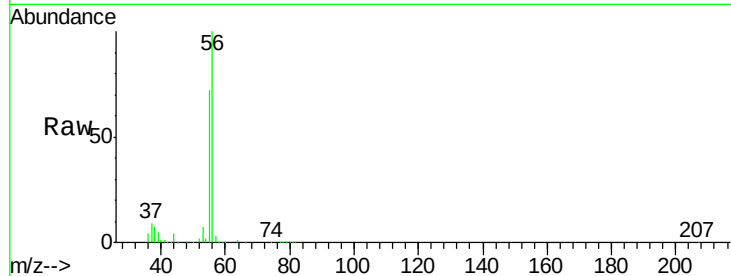
ST008MW157-180508MSD

Tgt Ion: 56 Resp: 125648

Ion Ratio Lower Upper

56 100

55 70.0 56.2 84.2



#14

Allyl chloride

Concen: 50.30 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

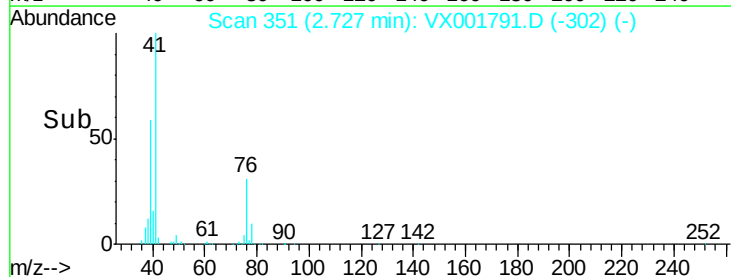
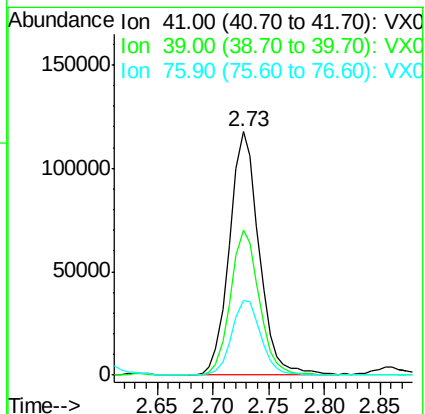
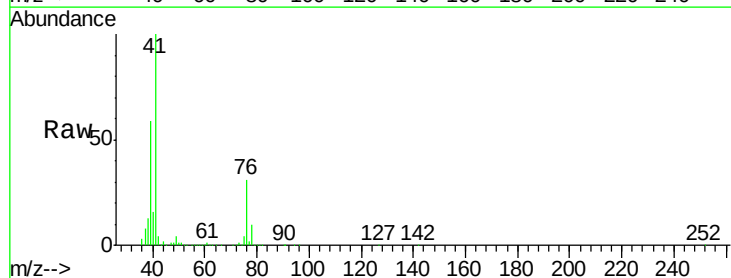
Tgt Ion: 41 Resp: 216980

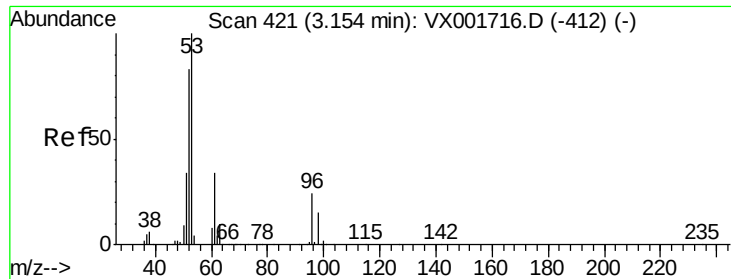
Ion Ratio Lower Upper

41 100

39 57.4 49.8 74.6

76 30.6 25.8 38.8





#15

Acrylonitrile

Concen: 328.27 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-180508MSD

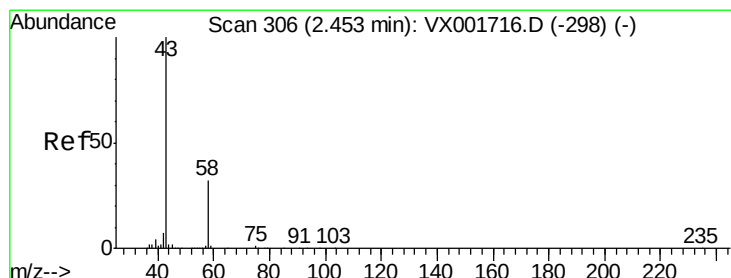
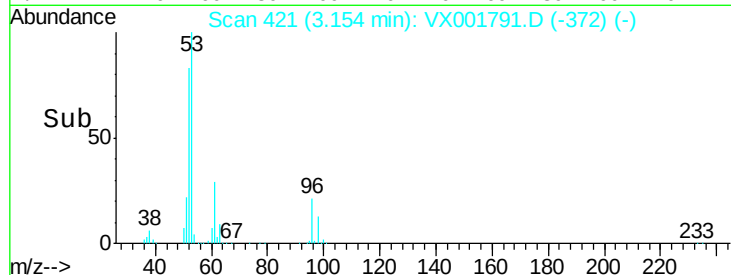
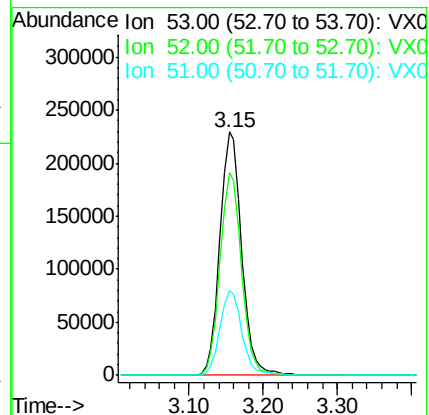
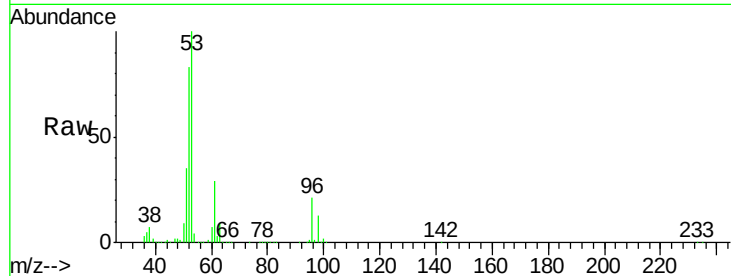
Tgt Ion: 53 Resp: 463296

Ion Ratio Lower Upper

53 100

52 82.1 65.6 98.4

51 35.3 28.1 42.1



#16

Acetone

Concen: 317.20 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001791.D

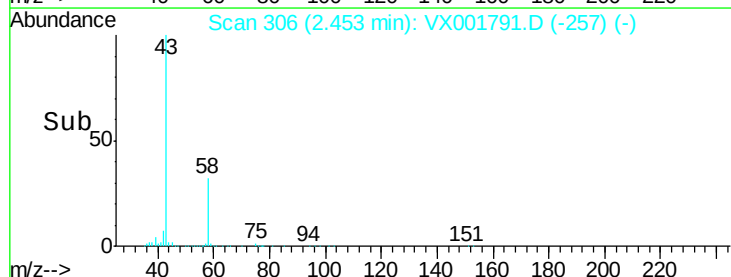
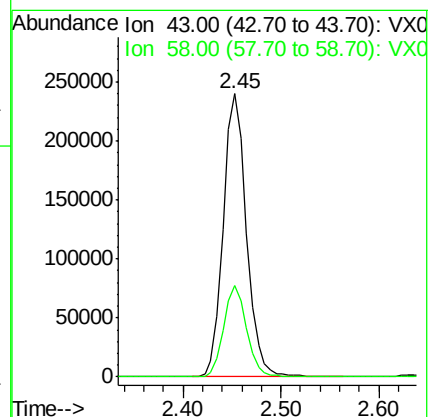
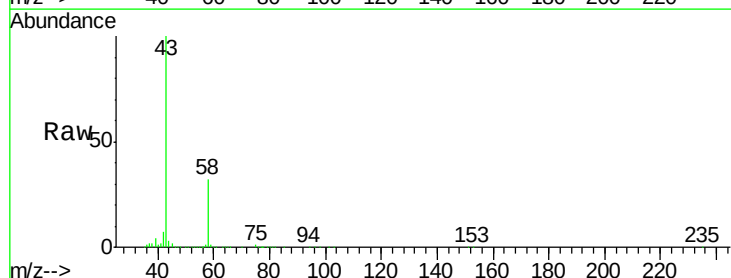
Acq: 17 May 2018 15:33

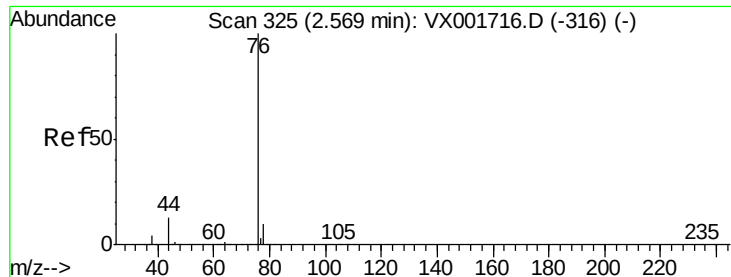
Tgt Ion: 43 Resp: 394304

Ion Ratio Lower Upper

43 100

58 32.4 25.3 37.9

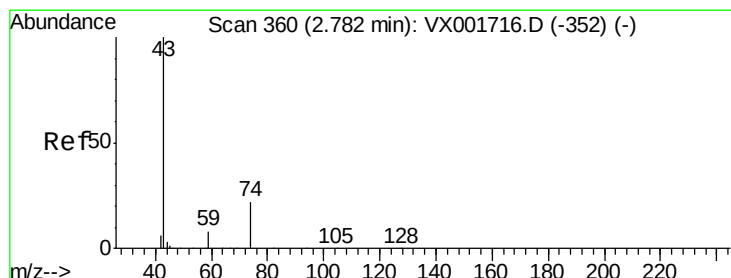
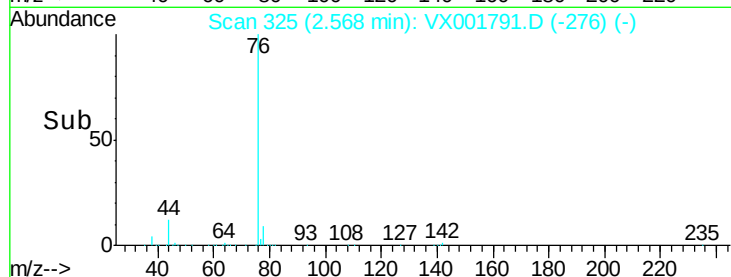
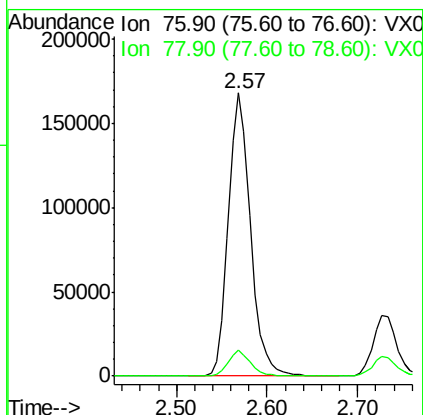
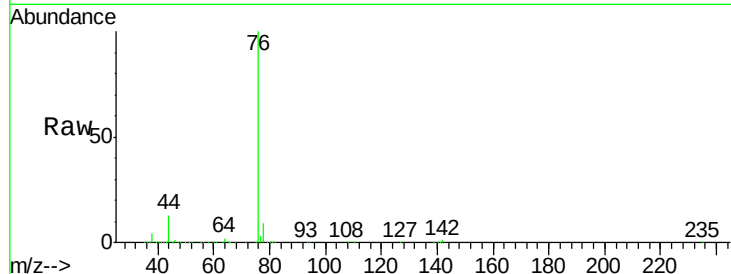




#17
Carbon Disulfide
Concen: 46.98 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001791.D
Acq: 17 May 2018 15:33

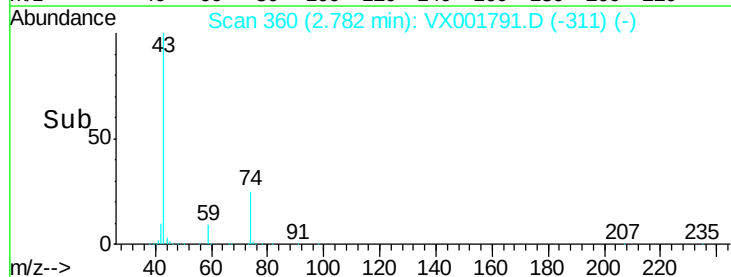
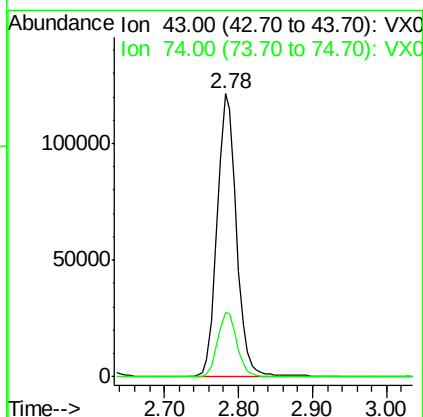
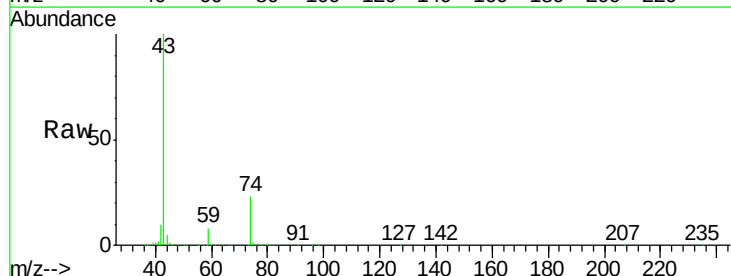
Instrument :
MSVOA_X
ClientSampleId :
ST008MW157-180508MSD

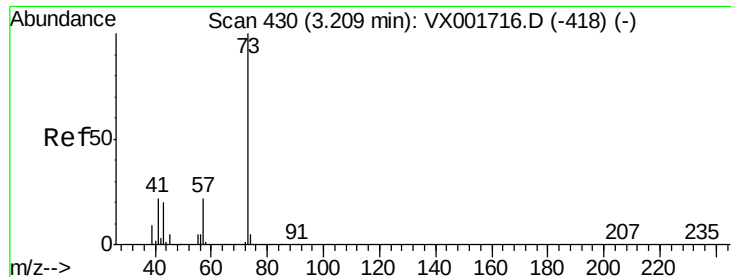
Tgt Ion: 76 Resp: 285979
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



#18
Methyl Acetate
Concen: 59.26 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001791.D
Acq: 17 May 2018 15:33

Tgt Ion: 43 Resp: 215369
Ion Ratio Lower Upper
43 100
74 22.7 18.2 27.2

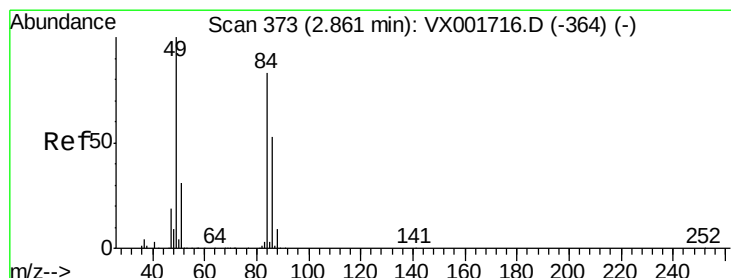
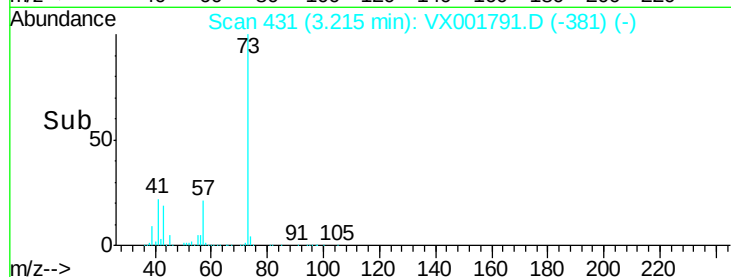
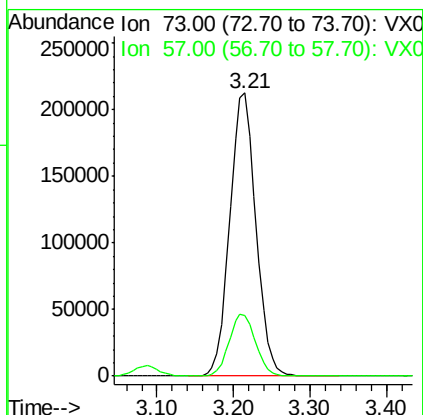
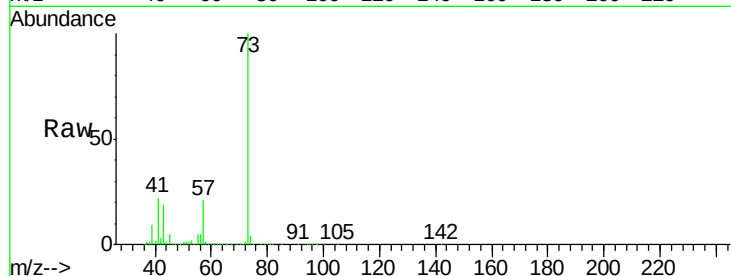




#19
Methyl tert-butyl Ether
Concen: 63.78 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001791.D
Acq: 17 May 2018 15:33

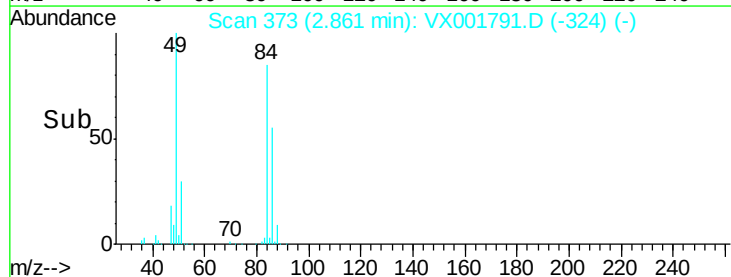
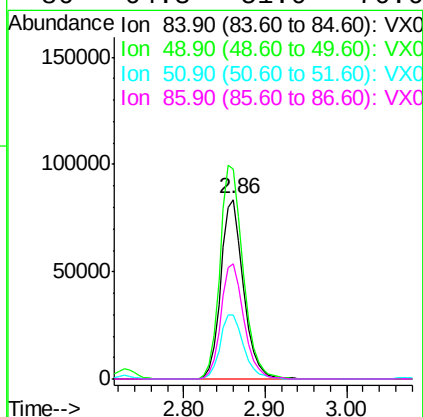
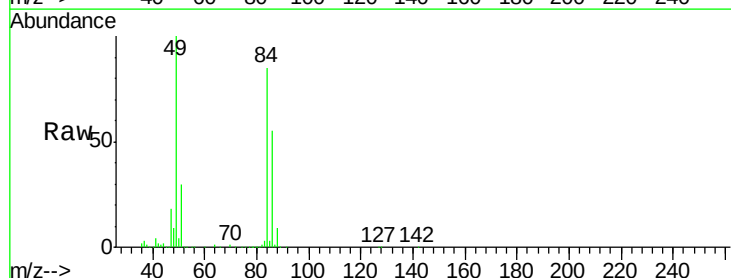
Instrument :
MSVOA_X
ClientSampleId :
ST008MW157-180508MSD

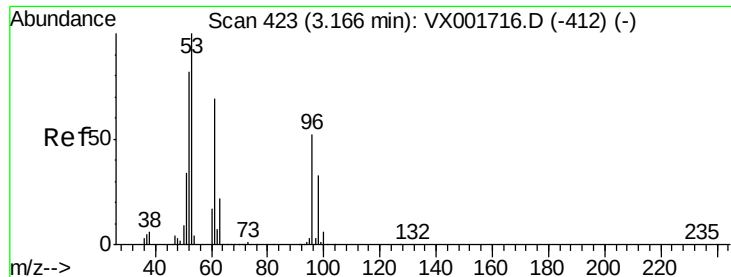
Tgt Ion: 73 Resp: 501687
Ion Ratio Lower Upper
73 100
57 21.4 17.5 26.3



#20
Methylene Chloride
Concen: 60.45 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001791.D
Acq: 17 May 2018 15:33

Tgt Ion: 84 Resp: 160851
Ion Ratio Lower Upper
84 100
49 117.3 96.3 144.5
51 35.4 29.8 44.6
86 64.3 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 52.38 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-180508MSD

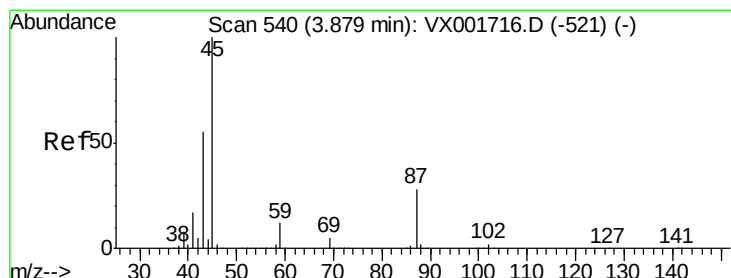
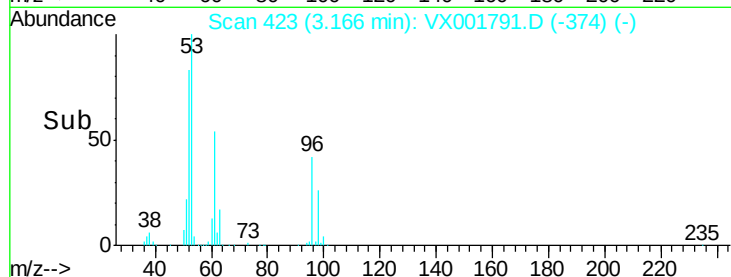
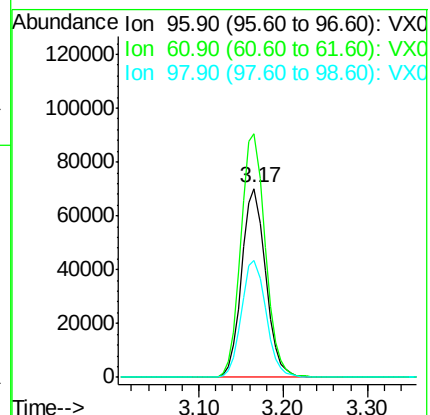
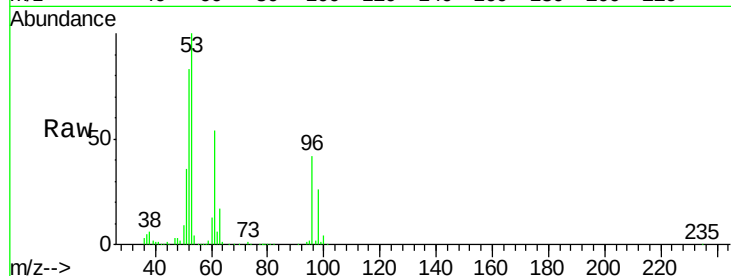
Tgt Ion: 96 Resp: 134658

Ion Ratio Lower Upper

96 100

61 128.6 105.8 158.8

98 61.6 50.2 75.4



#22

Diisopropyl ether

Concen: 63.54 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

Tgt Ion: 45 Resp: 525853

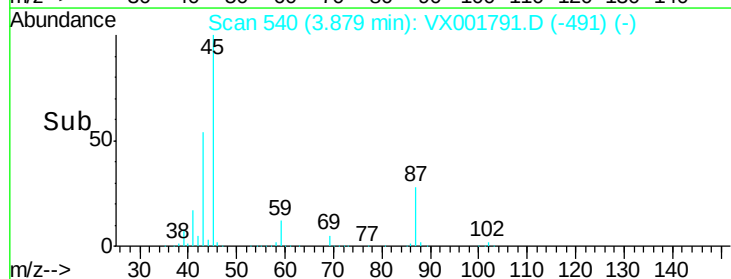
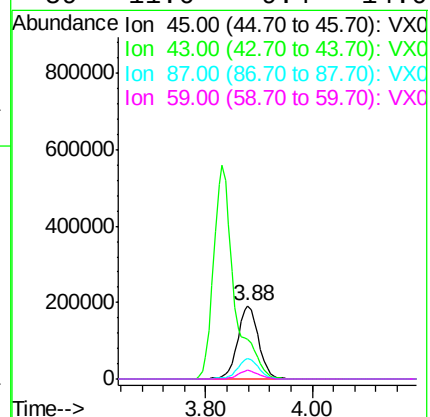
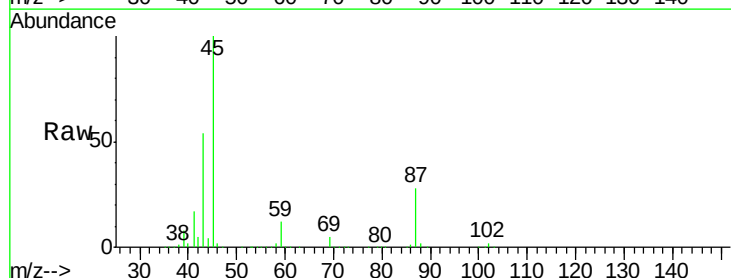
Ion Ratio Lower Upper

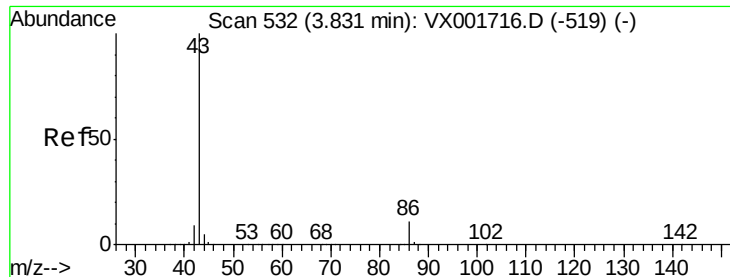
45 100

43 53.4 44.3 66.5

87 28.1 22.6 33.8

59 11.6 9.4 14.0

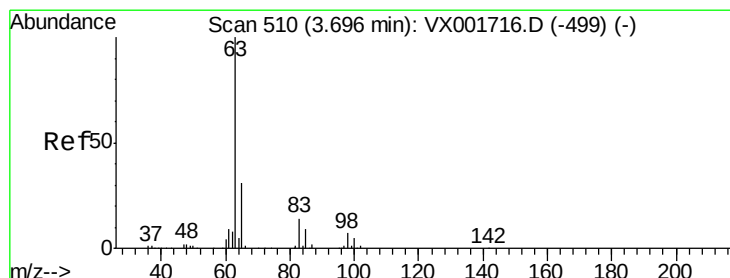
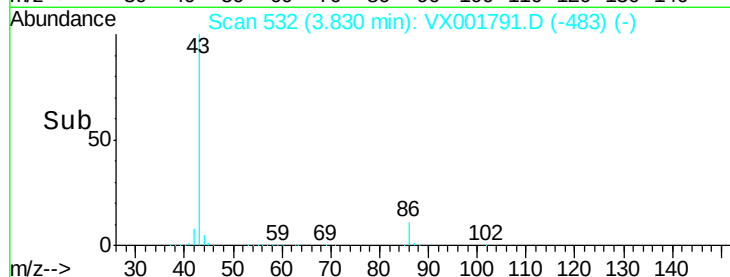
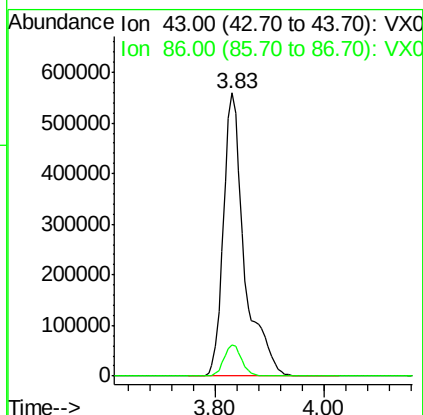
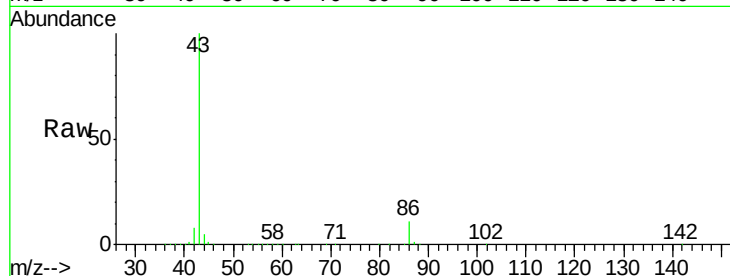




#23
 Vinyl Acetate
 Concen: 251.47 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX001791.D
 Acq: 17 May 2018 15:33

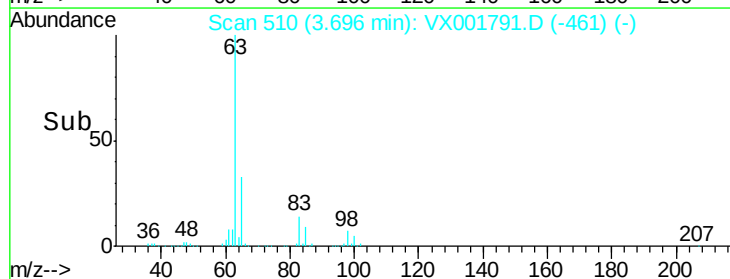
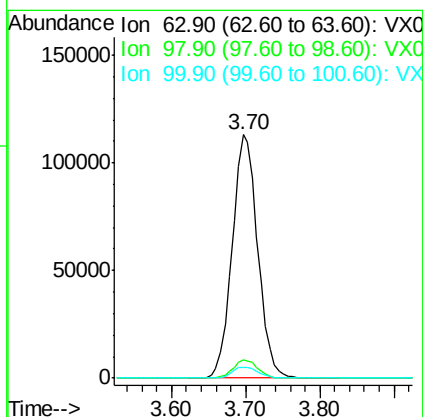
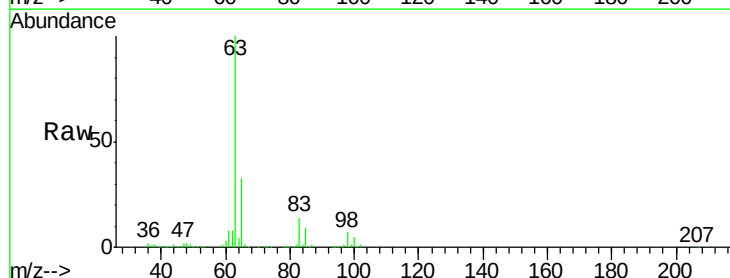
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW157-180508MSD

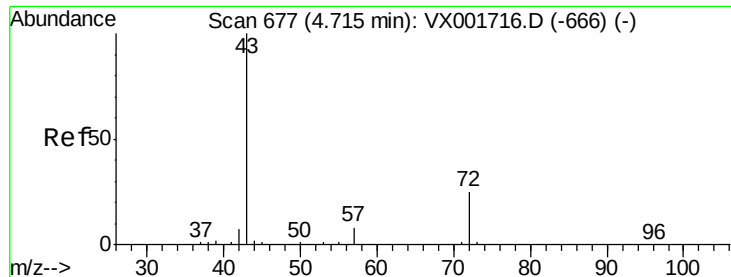
Tgt Ion: 43 Resp: 1499380
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 59.59 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VX001791.D
 Acq: 17 May 2018 15:33

Tgt Ion: 63 Resp: 270426
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.7 11.1
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 336.28 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

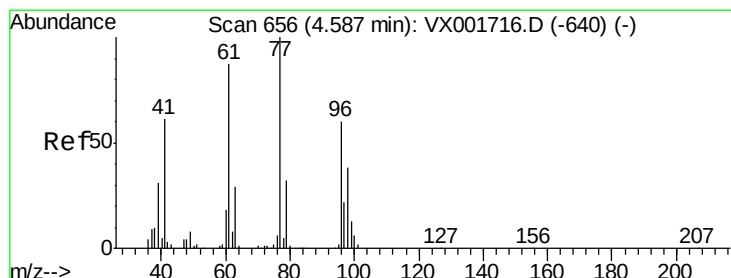
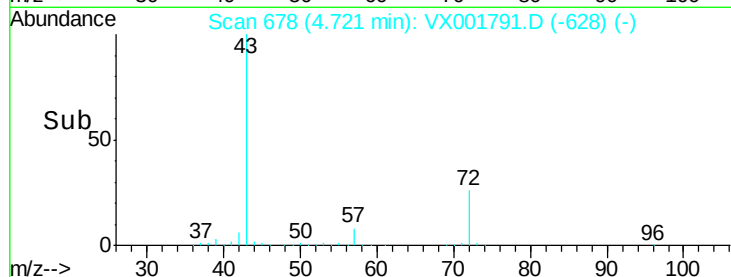
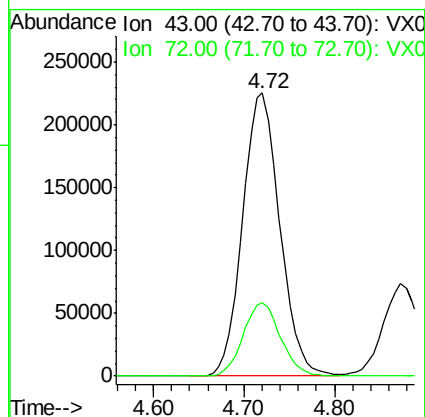
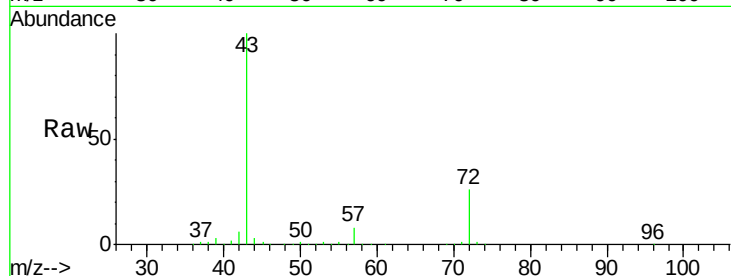
ST008MW157-180508MSD

Tgt Ion: 43 Resp: 639997

Ion Ratio Lower Upper

43 100

72 26.0 19.8 29.6



#26

2,2-Dichloropropane

Concen: 8.46 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001791.D

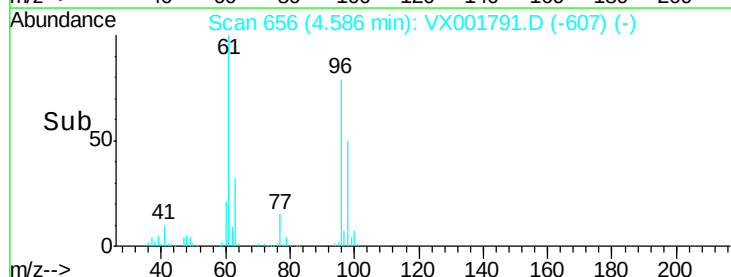
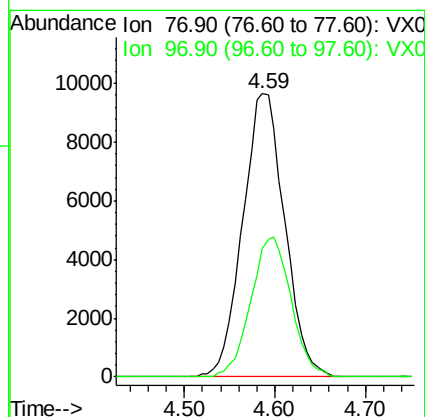
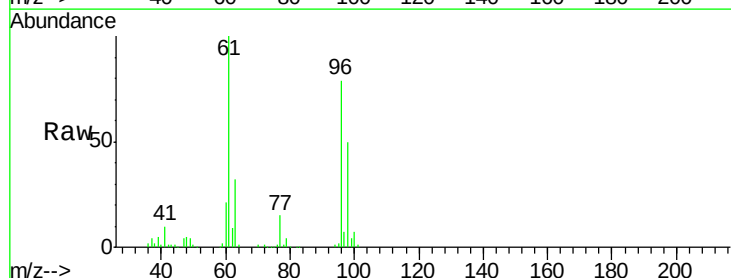
Acq: 17 May 2018 15:33

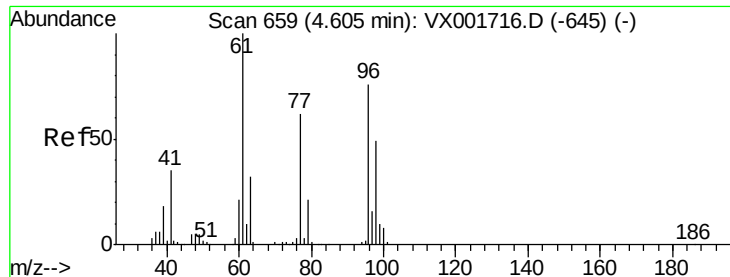
Tgt Ion: 77 Resp: 30918

Ion Ratio Lower Upper

77 100

97 47.3 11.6 34.8#





#27

cis-1,2-Dichloroethene

Concen: 70.71 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-180508MSD

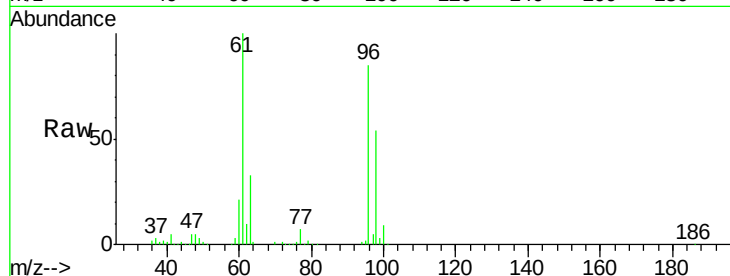
Tgt Ion: 96 Resp: 206862

Ion Ratio Lower Upper

96 100

61 125.0 0.0 280.4

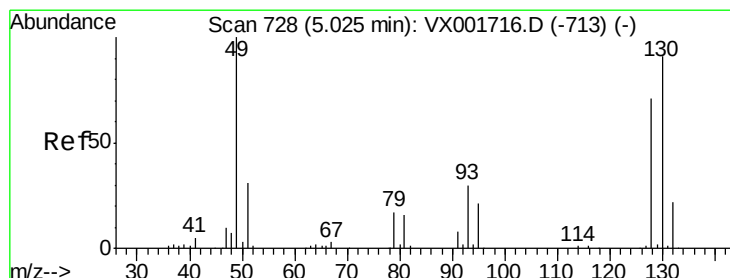
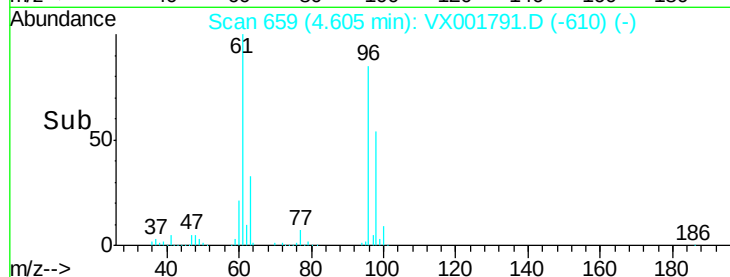
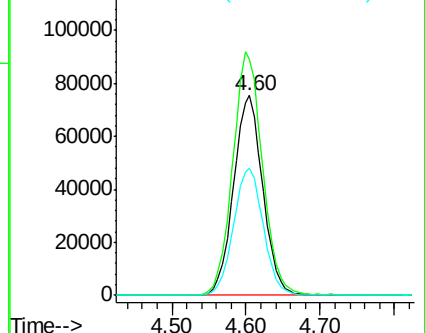
98 64.9 0.0 128.4



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: 68.60 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

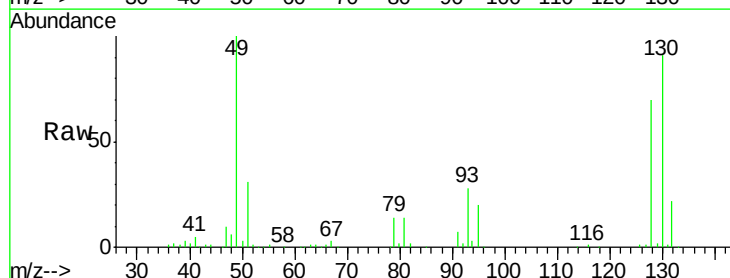
Tgt Ion: 49 Resp: 138304

Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.0

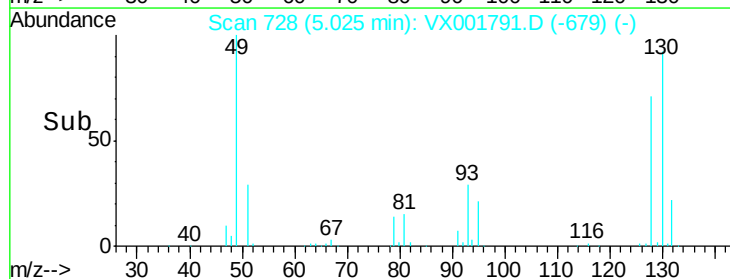
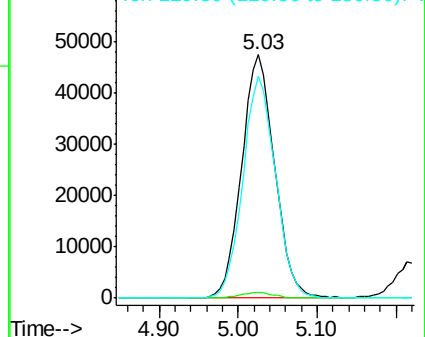
130 90.3 71.8 107.6

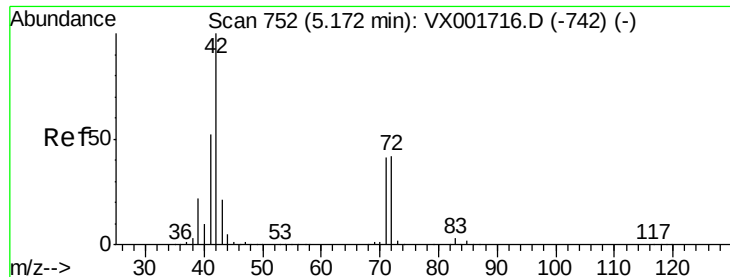


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

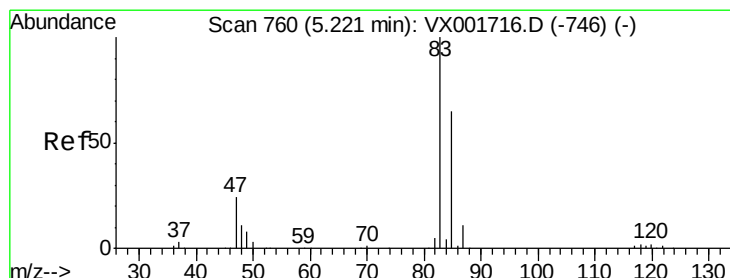
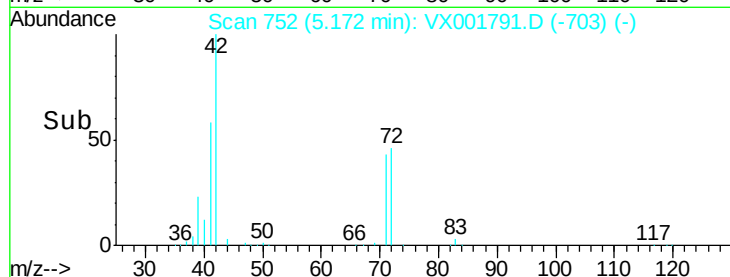
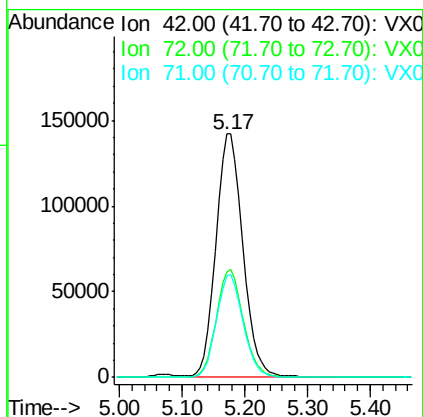
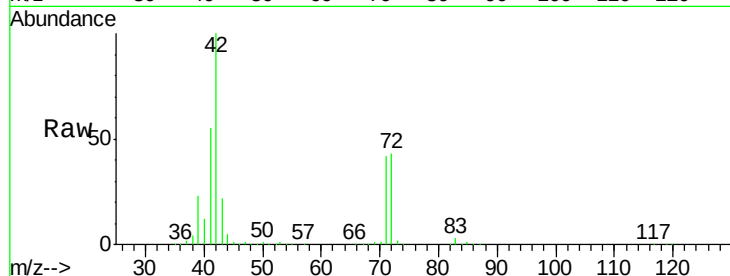




#29
Tetrahydrofuran
Concen: 340.10 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX001791.D
Acq: 17 May 2018 15:33

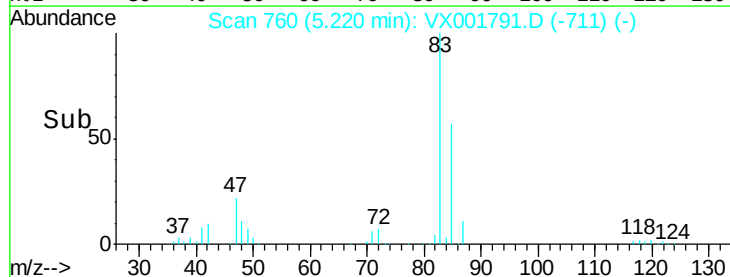
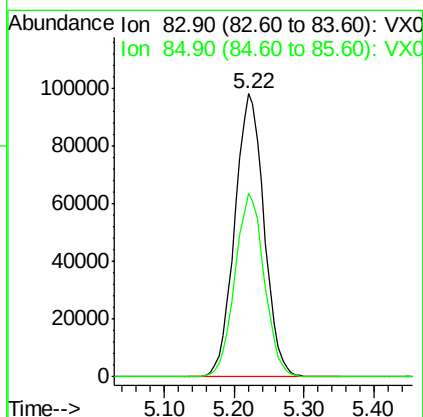
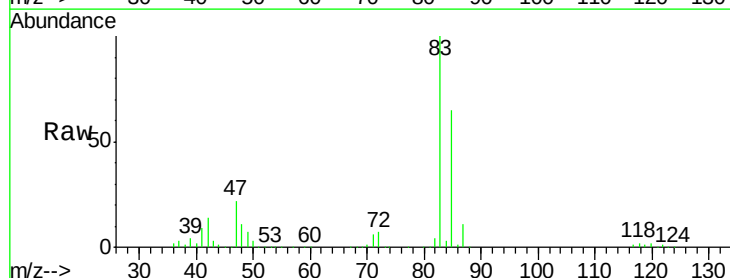
Instrument :
MSVOA_X
ClientSampleId :
ST008MW157-180508MSD

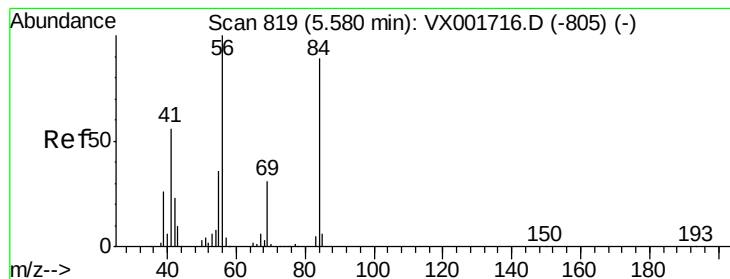
Tgt Ion: 42 Resp: 421909
Ion Ratio Lower Upper
42 100
72 44.7 35.4 53.2
71 41.6 33.2 49.8



#30
Chloroform
Concen: 59.79 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX001791.D
Acq: 17 May 2018 15:33

Tgt Ion: 83 Resp: 285041
Ion Ratio Lower Upper
83 100
85 65.0 52.3 78.5





#31

Cyclohexane

Concen: 35.69 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-180508MSD

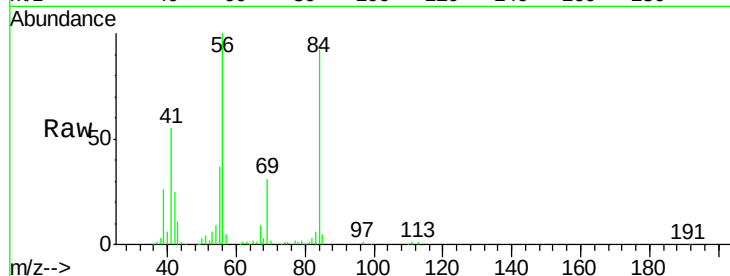
Tgt Ion: 56 Resp: 141969

Ion Ratio Lower Upper

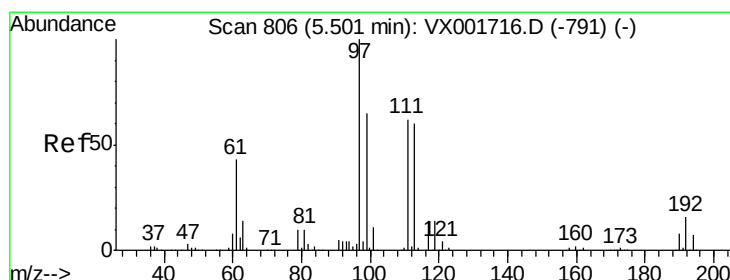
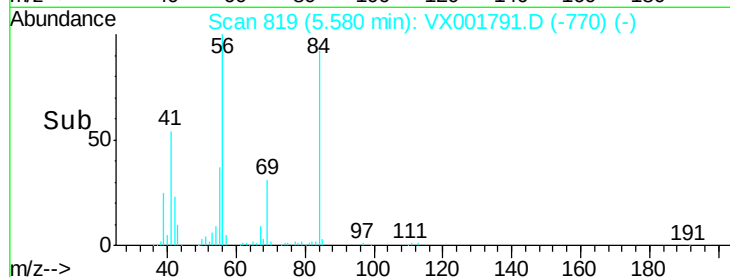
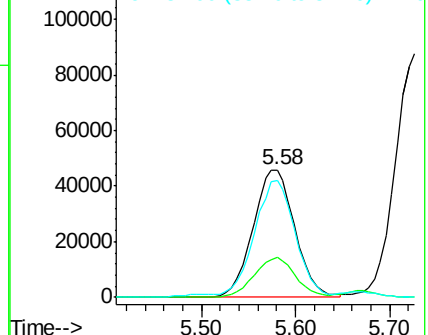
56 100

69 31.1 25.0 37.6

84 89.9 71.0 106.4



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



#32

1,1,1-Trichloroethane

Concen: 52.68 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

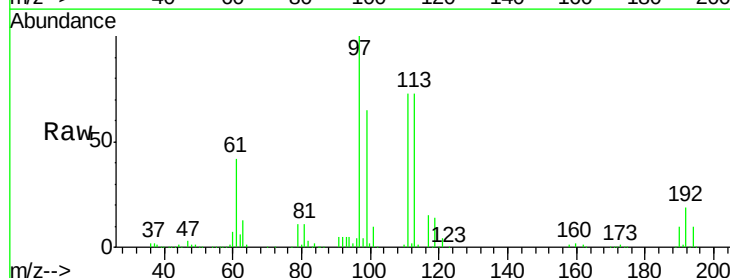
Tgt Ion: 97 Resp: 217025

Ion Ratio Lower Upper

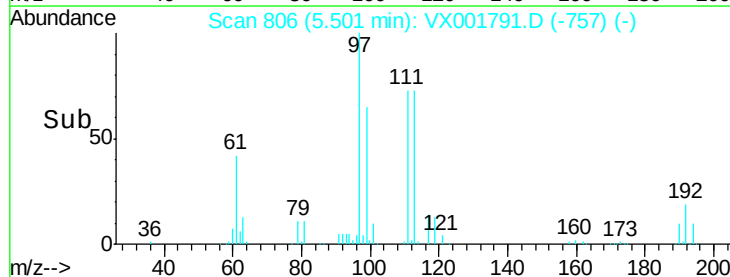
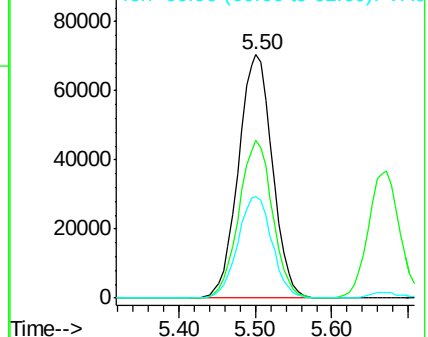
97 100

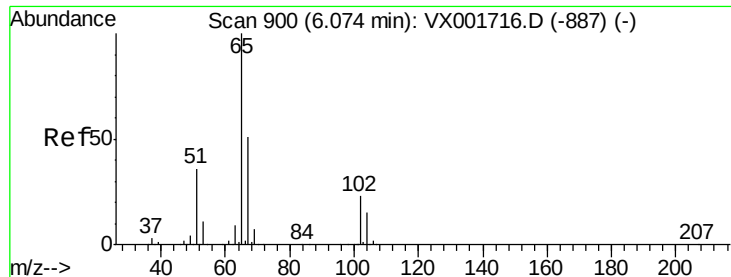
99 64.0 51.3 76.9

61 42.2 34.0 51.0



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





#33

1,2-Dichloroethane-d4

Concen: 57.84 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

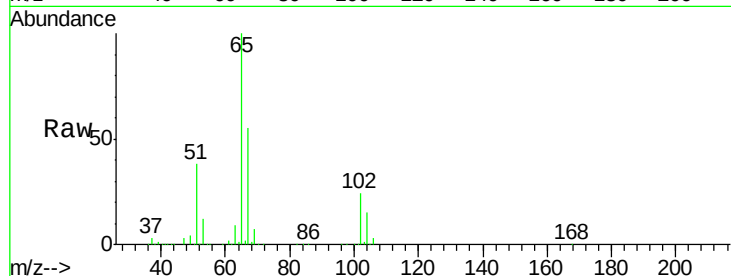
ST008MW157-180508MSD

Tgt Ion: 65 Resp: 183071

Ion Ratio Lower Upper

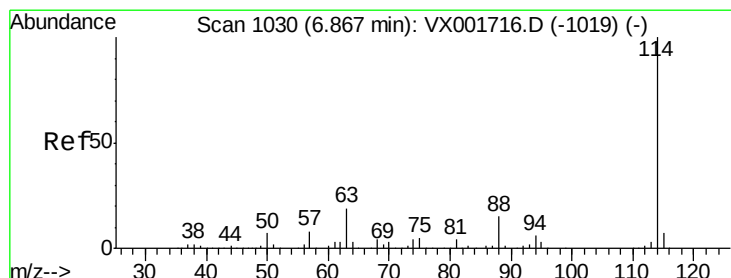
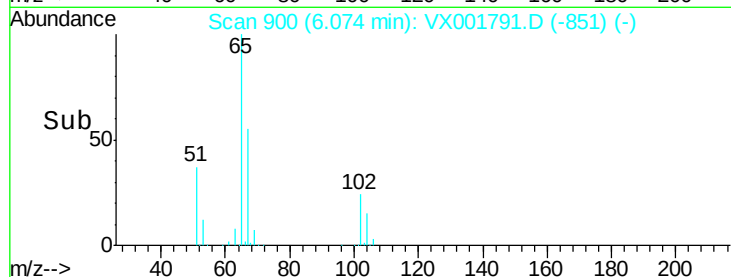
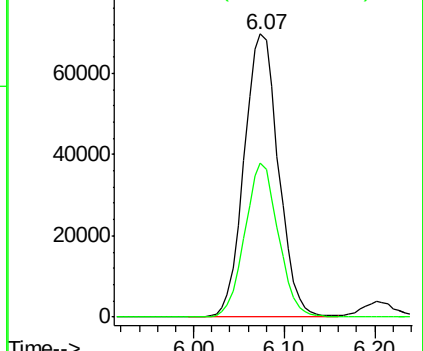
65 100

67 53.1 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: VX001791.D

Acq: 17 May 2018 15:33

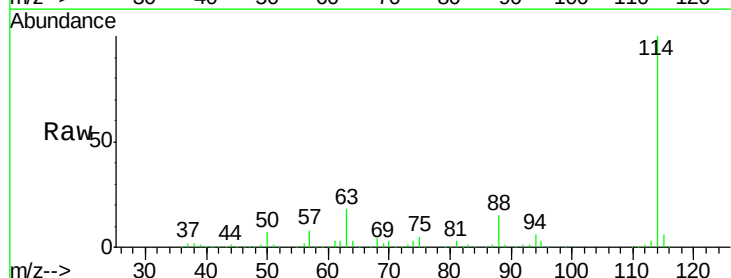
Tgt Ion: 114 Resp: 339924

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.0

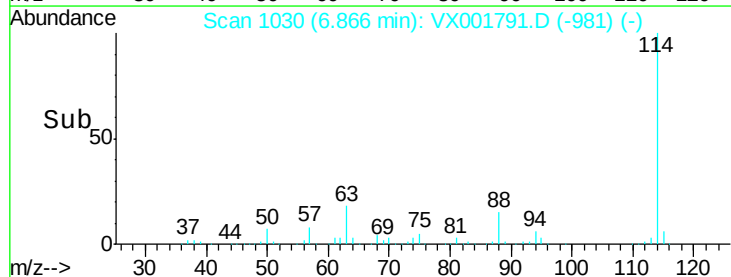
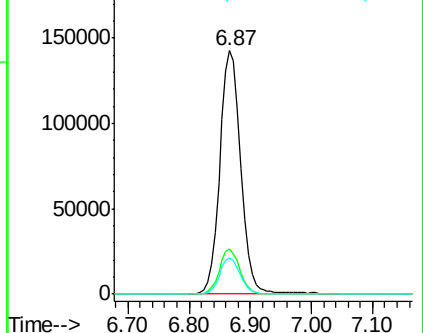
88 15.1 0.0 29.8

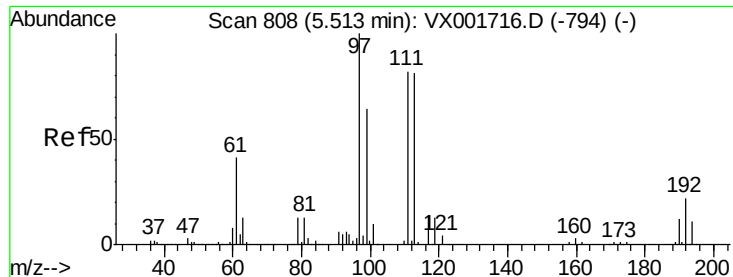


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

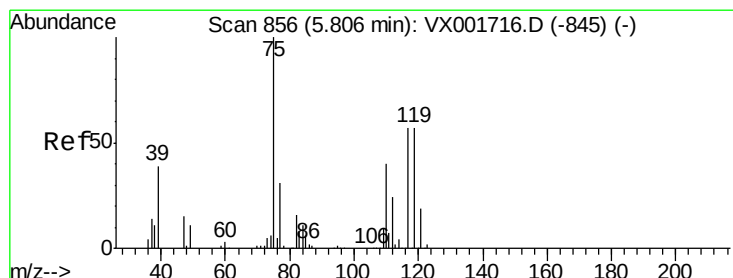
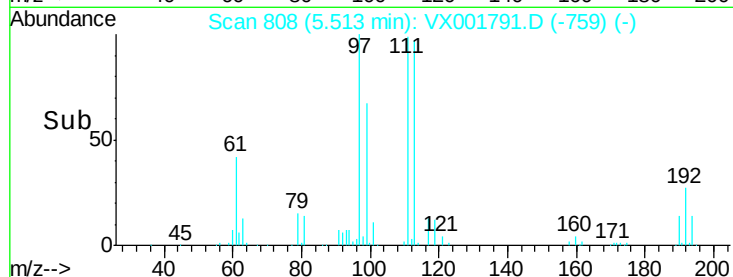
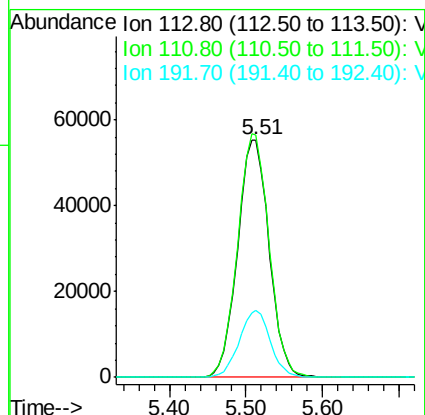
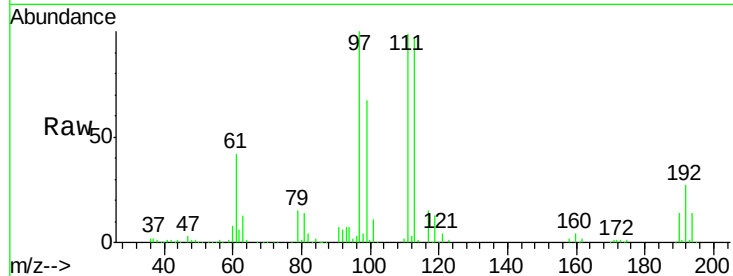




#35
 Dibromofluoromethane
 Concen: 55.16 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001791.D
 Acq: 17 May 2018 15:33

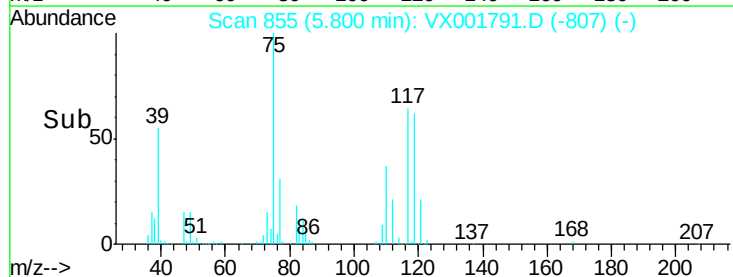
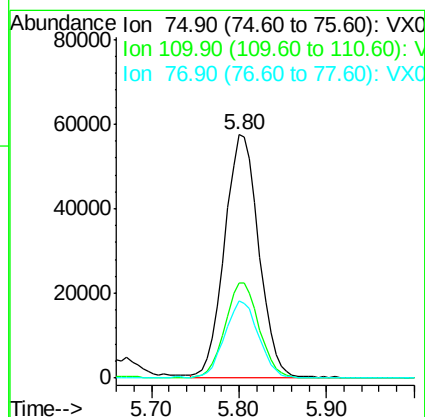
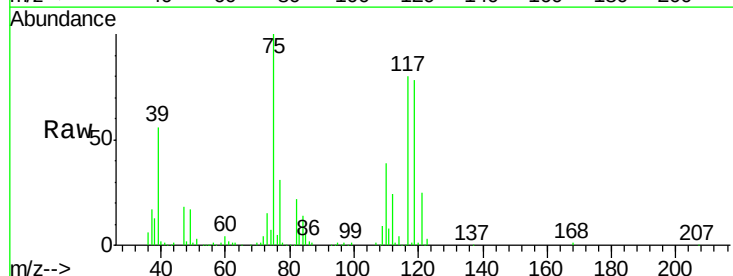
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW157-180508MSD

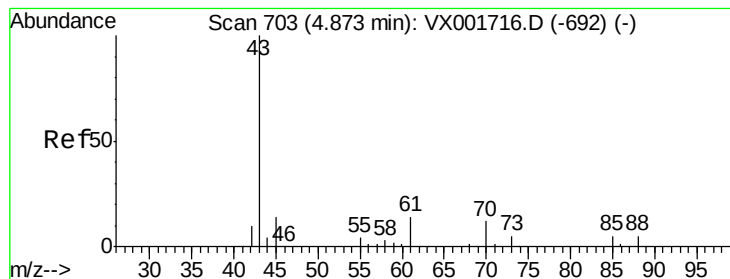
Tgt Ion: 113 Resp: 158234
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.0 123.0
 192 27.5 21.6 32.4



#36
 1,1-Dichloropropene
 Concen: 39.95 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001791.D
 Acq: 17 May 2018 15:33

Tgt Ion: 75 Resp: 156311
 Ion Ratio Lower Upper
 75 100
 110 39.1 19.1 57.1
 77 31.2 24.6 37.0





#37

Ethyl Acetate

Concen: 52.14 ug/l

RT: 4.87 min Scan# 703

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-180508MSD

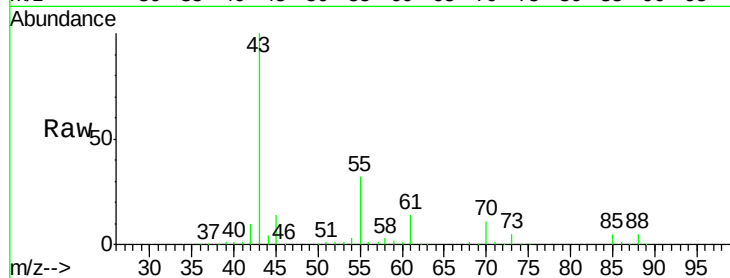
Tgt Ion: 43 Resp: 212644

Ion Ratio Lower Upper

43 100

61 13.8 10.9 16.3

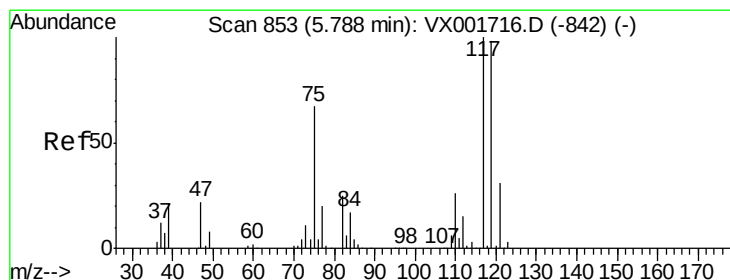
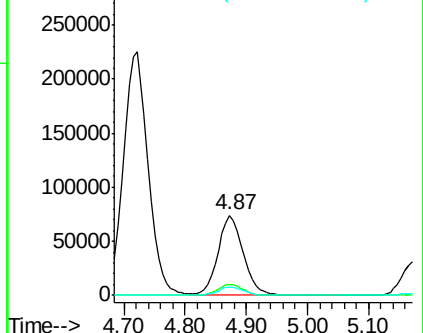
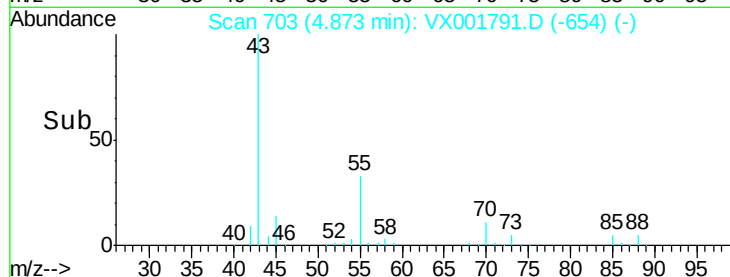
70 10.7 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VX001791.D (-654) (-)

Ion 60.90 (60.60 to 61.60): VX001791.D (-654) (-)

Ion 70.00 (69.70 to 70.70): VX001791.D (-654) (-)



#38

Carbon Tetrachloride

Concen: 42.00 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

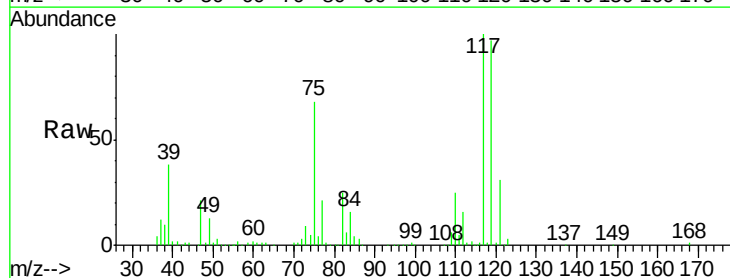
Tgt Ion: 117 Resp: 172188

Ion Ratio Lower Upper

117 100

119 97.1 77.6 116.4

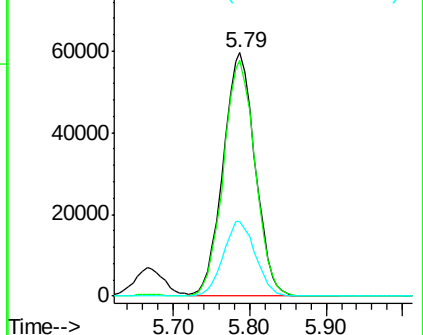
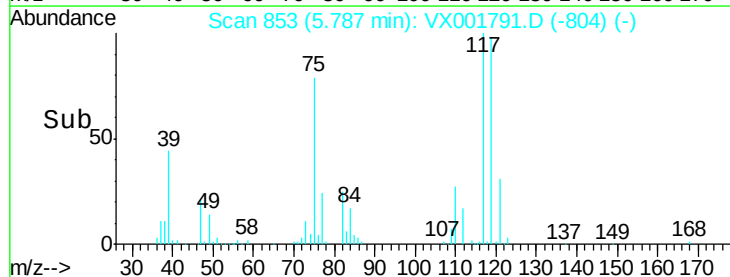
121 30.7 24.6 36.8

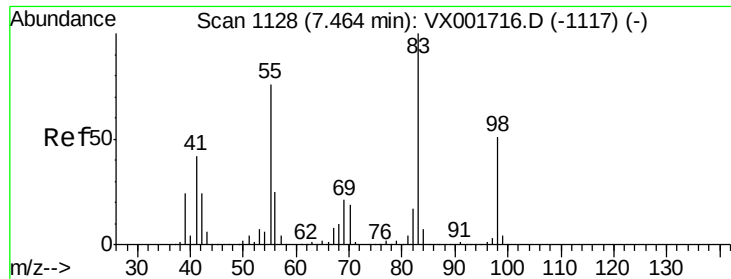


Abundance Ion 116.80 (116.50 to 117.50): VX001791.D (-804) (-)

Ion 118.80 (118.50 to 119.50): VX001791.D (-804) (-)

Ion 120.80 (120.50 to 121.50): VX001791.D (-804) (-)

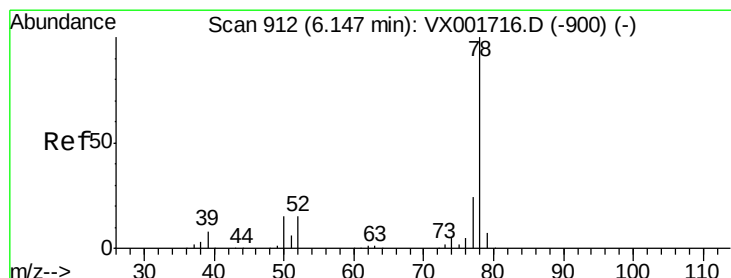
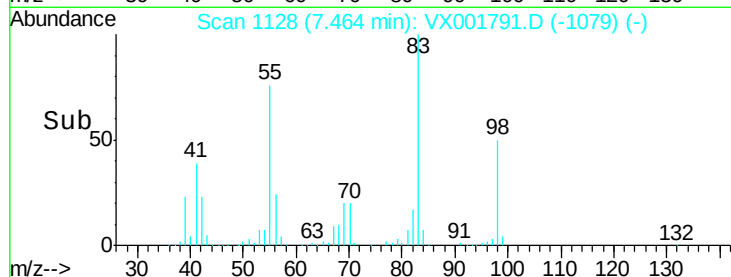
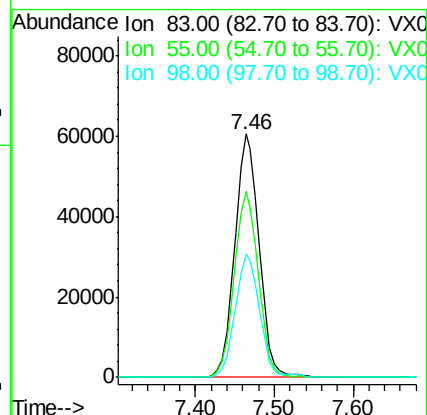
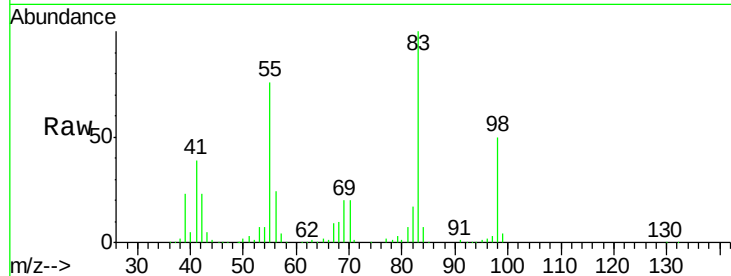




#39
Methylcyclohexane
Concen: 28.32 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001791.D
Acq: 17 May 2018 15:33

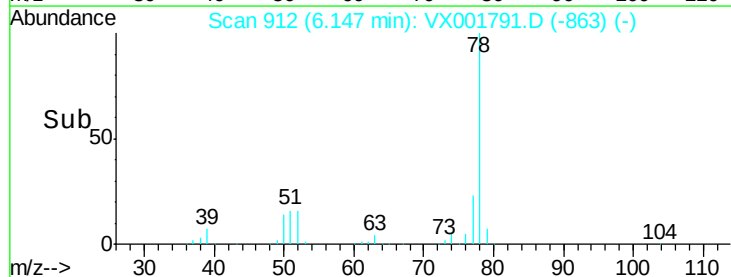
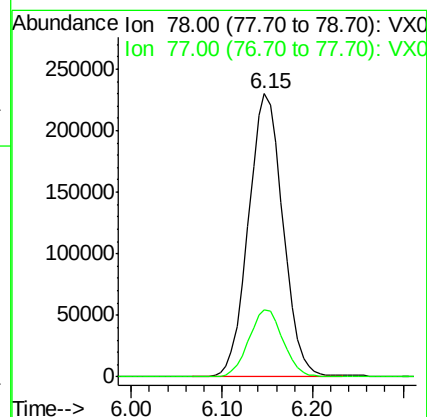
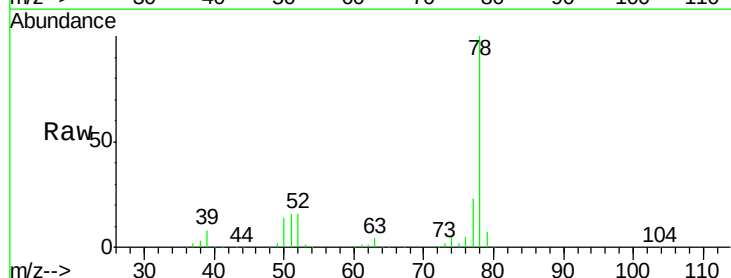
Instrument :
MSVOA_X
ClientSampleId :
ST008MW157-180508MSD

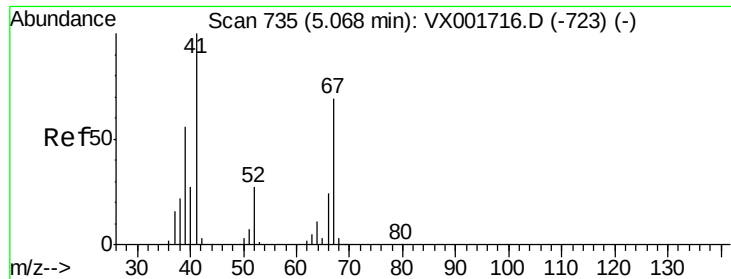
Tgt Ion: 83 Resp: 129480
Ion Ratio Lower Upper
83 100
55 76.3 60.6 90.8
98 50.4 40.4 60.6



#40
Benzene
Concen: 52.61 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001791.D
Acq: 17 May 2018 15:33

Tgt Ion: 78 Resp: 606538
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4

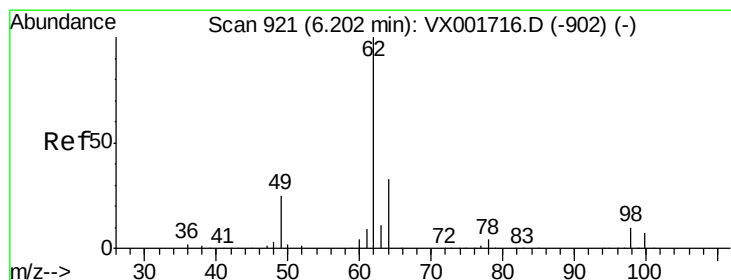
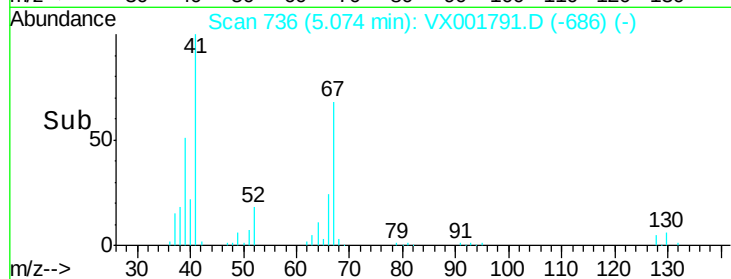
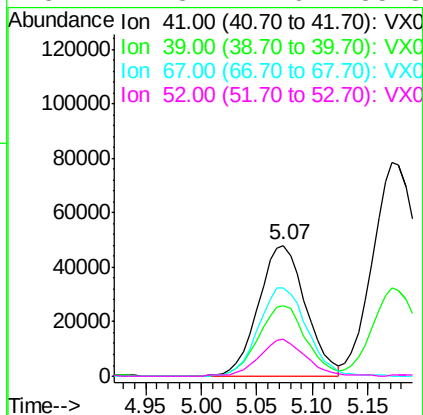
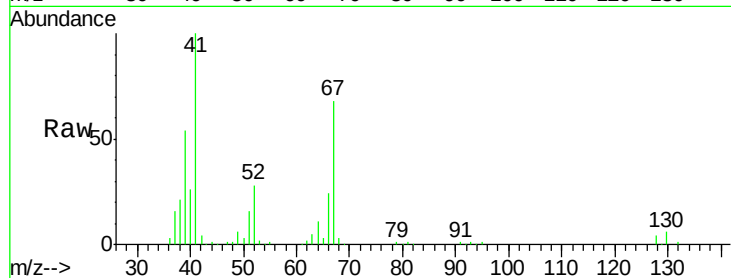




#41
Methacrylonitrile
Concen: 59.84 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001791.D
Acq: 17 May 2018 15:33

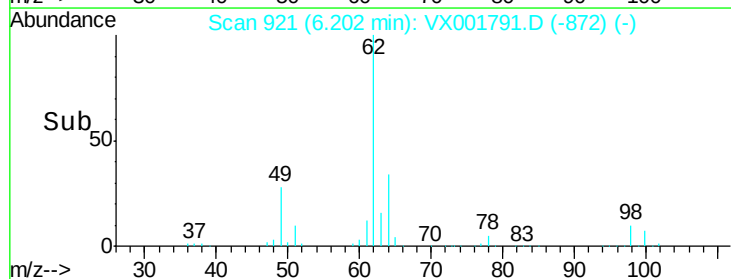
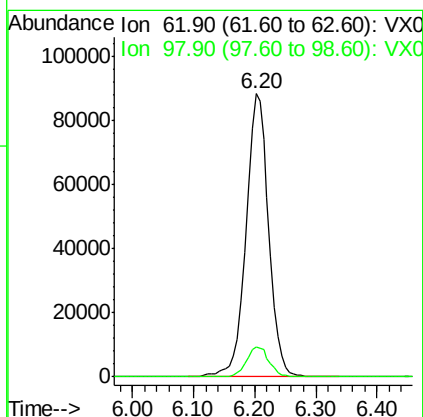
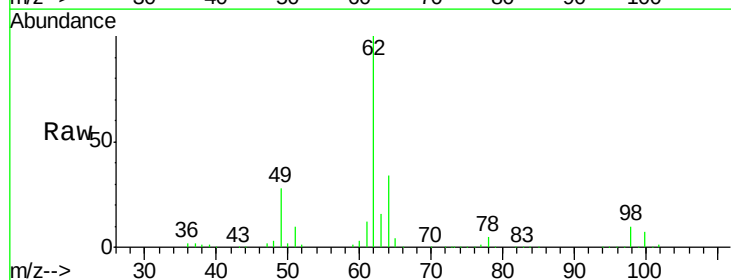
Instrument :
MSVOA_X
ClientSampleId :
ST008MW157-180508MSD

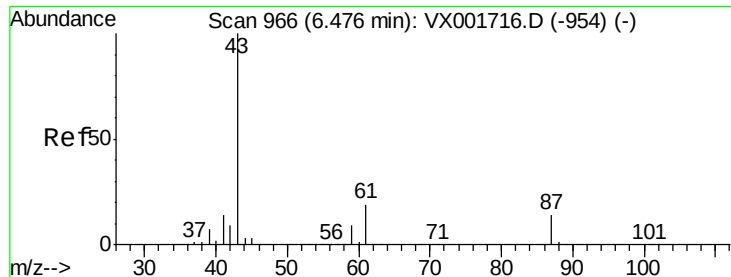
Tgt Ion:	41	Resp:	141107
Ion	Ratio	Lower	Upper
41	100		
39	54.6	44.2	66.4
67	70.1	56.0	84.0
52	27.3	22.6	33.8



#42
1,2-Dichloroethane
Concen: 54.45 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001791.D
Acq: 17 May 2018 15:33

Tgt Ion:	62	Resp:	227051
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.0





#43

Isopropyl Acetate

Concen: 54.64 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-180508MSD

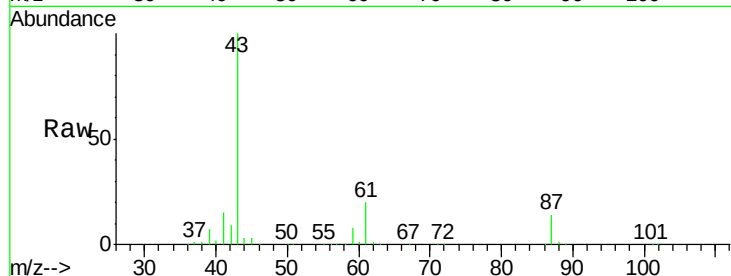
Tgt Ion: 43 Resp: 348759

Ion Ratio Lower Upper

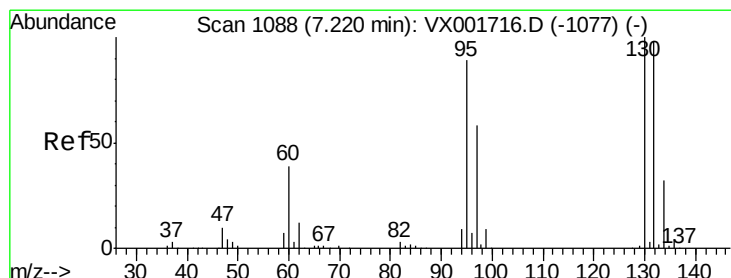
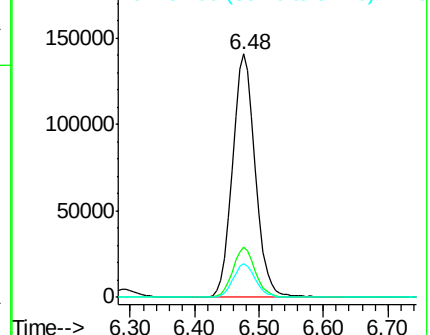
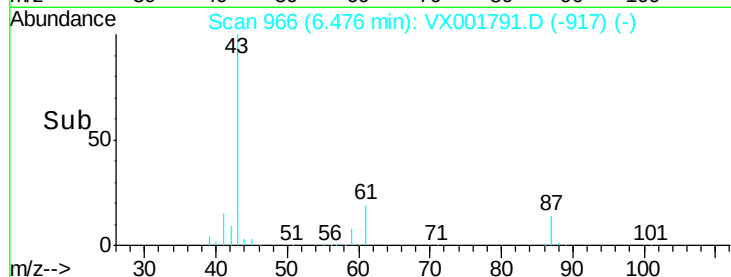
43 100

61 20.5 15.8 23.8

87 13.7 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX001791.D (-917) (-)



#44

Trichloroethene

Concen: 44.56 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001791.D

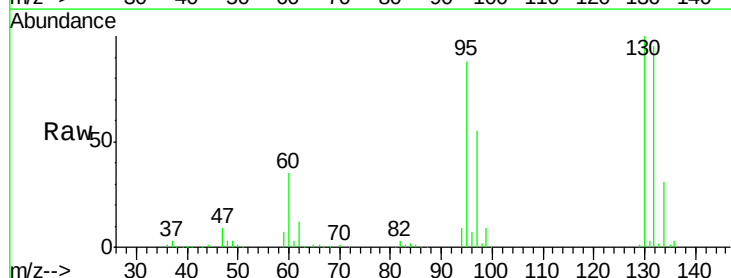
Acq: 17 May 2018 15:33

Tgt Ion: 130 Resp: 159461

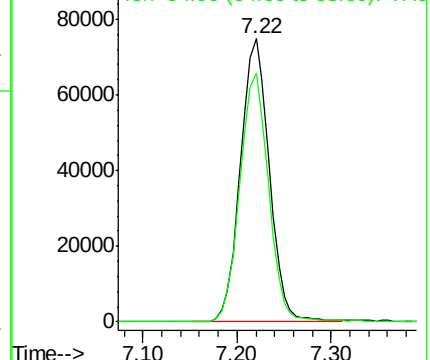
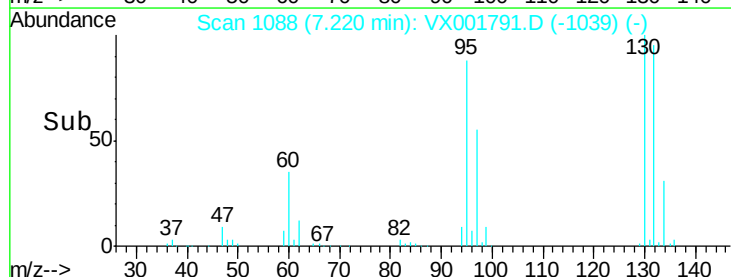
Ion Ratio Lower Upper

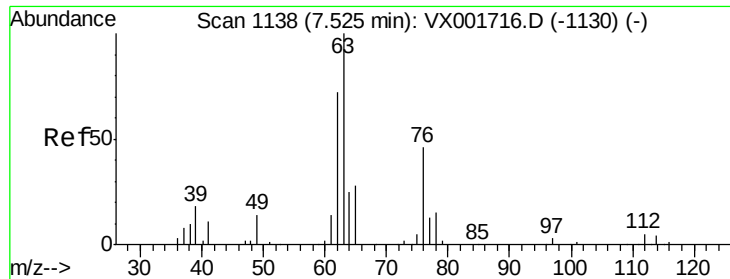
130 100

95 87.8 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): VX001791.D (-1039) (-)

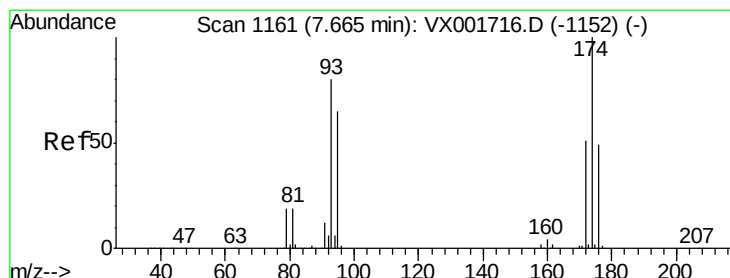
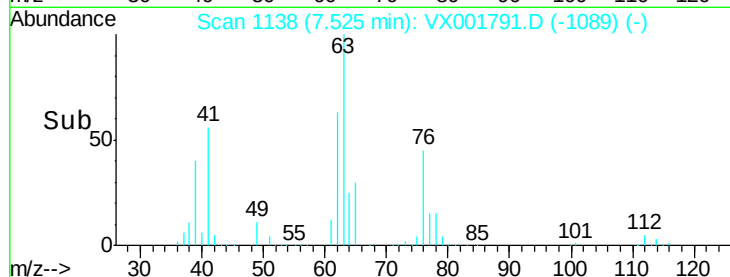
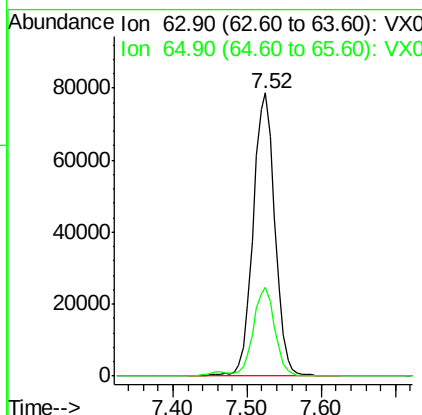
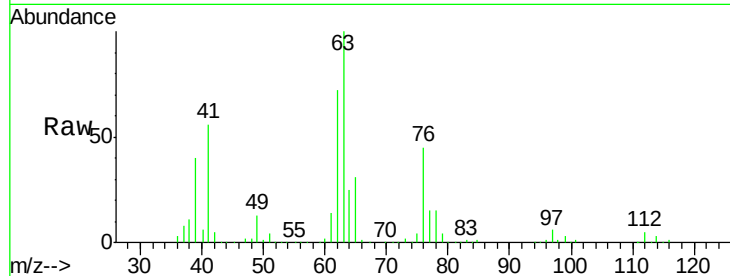




#45
 1,2-Dichloropropane
 Concen: 57.27 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001791.D
 Acq: 17 May 2018 15:33

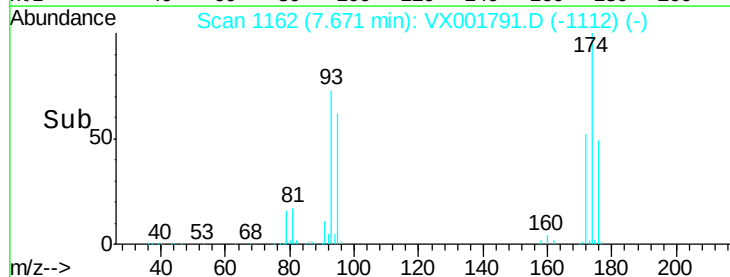
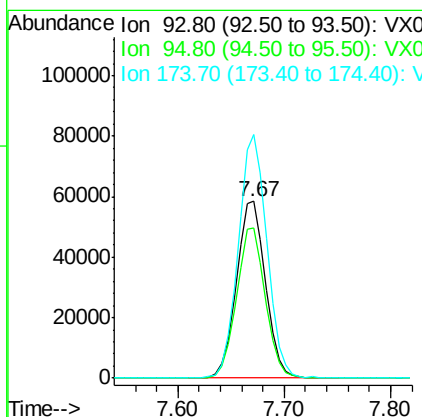
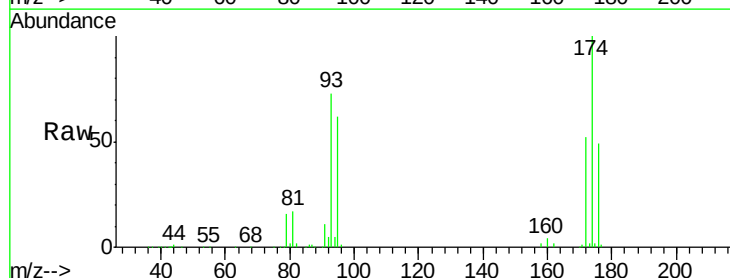
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW157-180508MSD

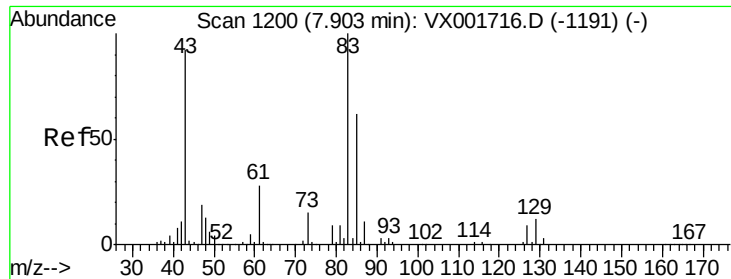
Tgt Ion: 63 Resp: 162030
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.2 36.2



#46
 Dibromomethane
 Concen: 56.56 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: VX001791.D
 Acq: 17 May 2018 15:33

Tgt Ion: 93 Resp: 112360
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.9 98.9
 174 135.7 106.2 159.2





#47

Bromodichloromethane

Concen: 57.29 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-180508MSD

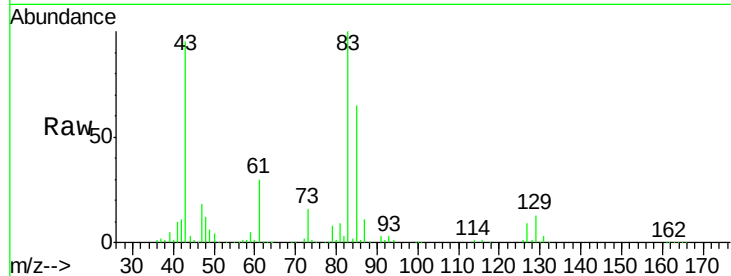
Tgt Ion: 83 Resp: 211168

Ion Ratio Lower Upper

83 100

85 64.9 49.6 74.4

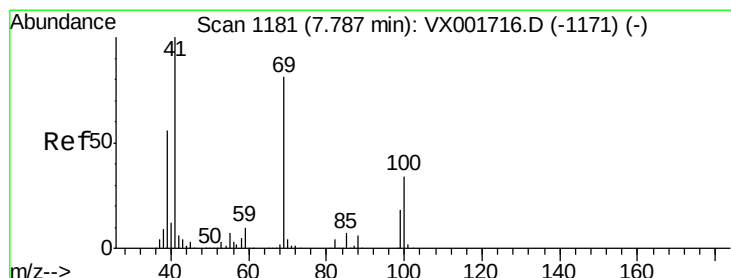
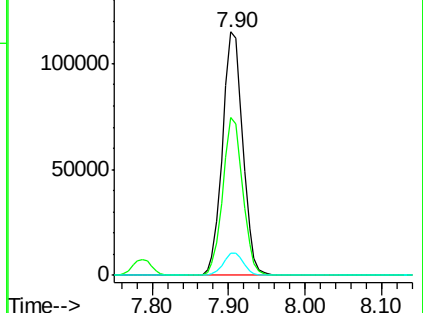
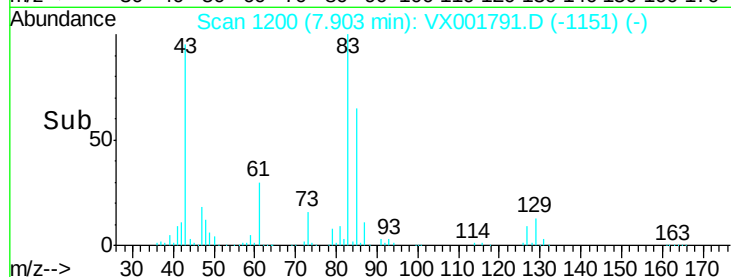
127 9.3 7.5 11.3



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: 60.87 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

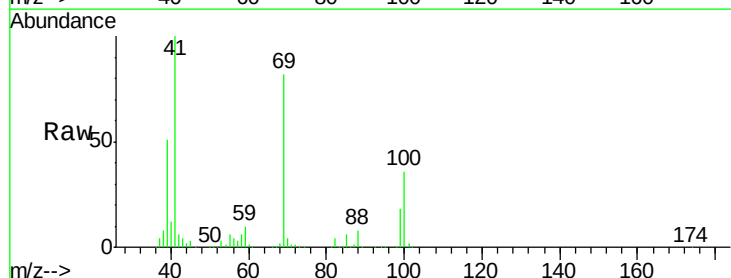
Tgt Ion: 41 Resp: 204491

Ion Ratio Lower Upper

41 100

69 83.0 65.2 97.8

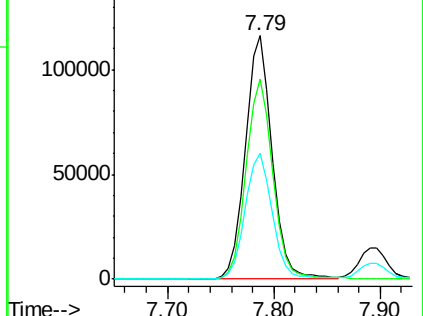
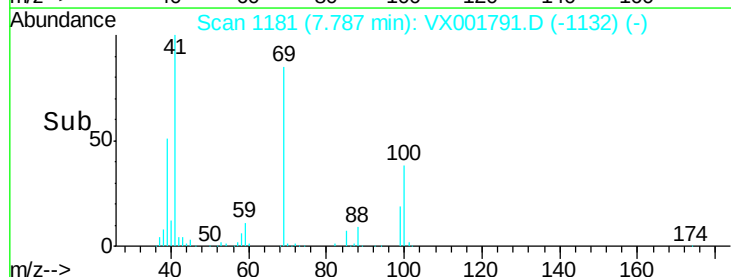
39 52.2 44.5 66.7

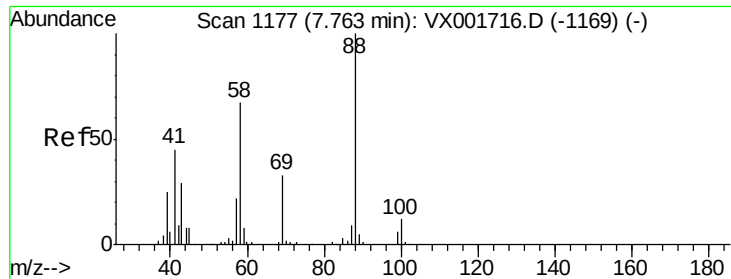


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

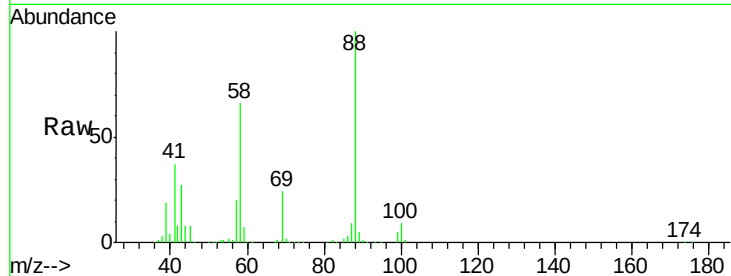




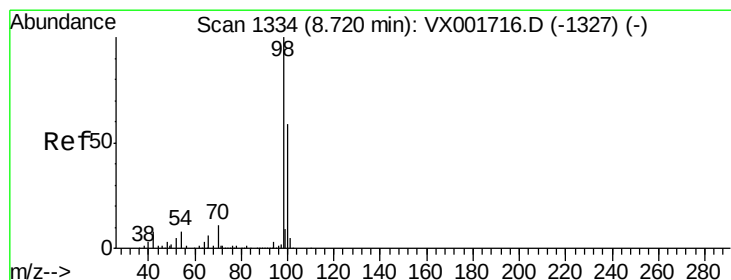
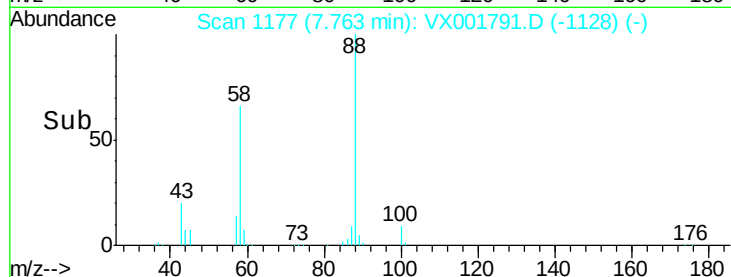
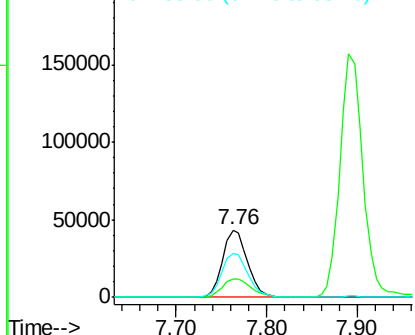
#49
 1,4-Dioxane
 Concen: 1285.75 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX001791.D
 Acq: 17 May 2018 15:33

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW157-180508MSD

Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.0	27.3	40.9
58	68.9	55.9	83.9

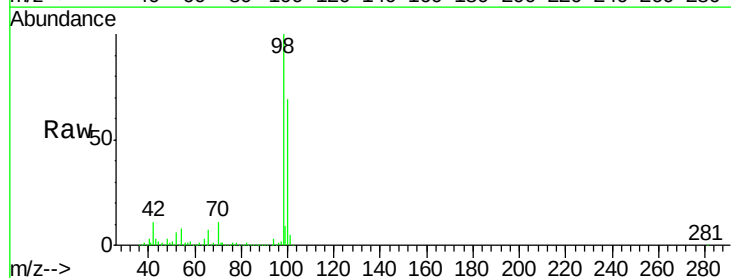


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

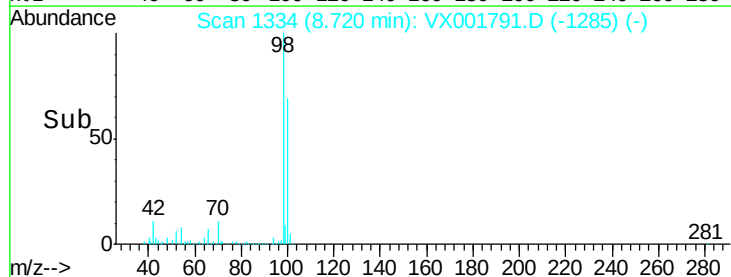
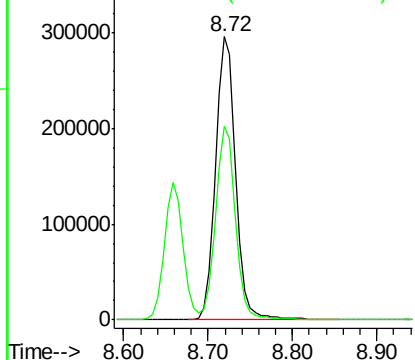


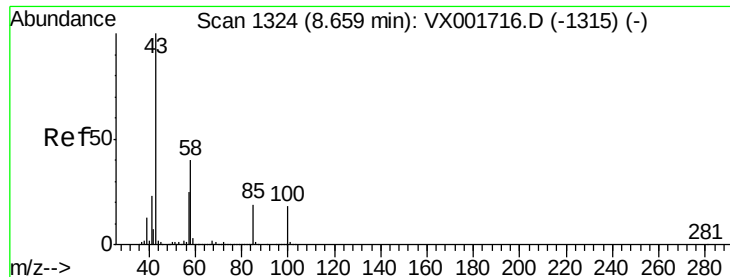
#50
 Toluene-d8
 Concen: 47.26 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX001791.D
 Acq: 17 May 2018 15:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.5	54.0	81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): VX0

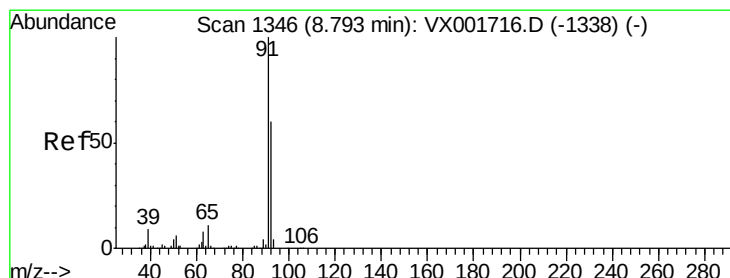
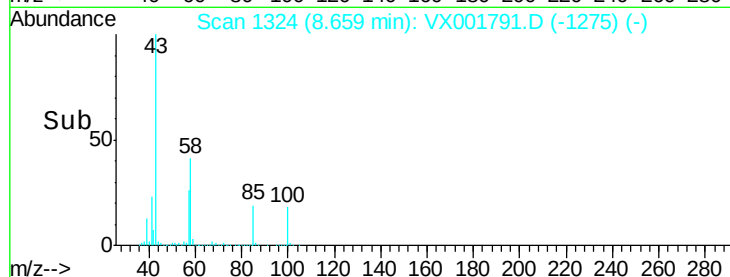
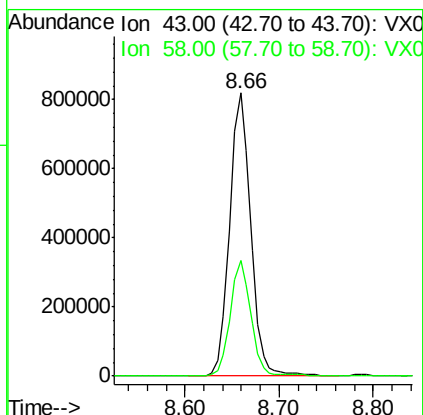
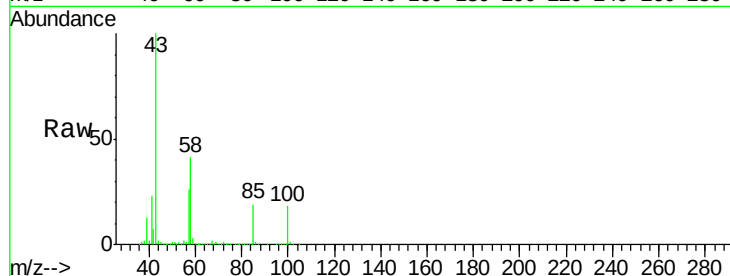




#51
 4-Methyl-2-Pentanone
 Concen: 316.86 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX001791.D
 Acq: 17 May 2018 15:33

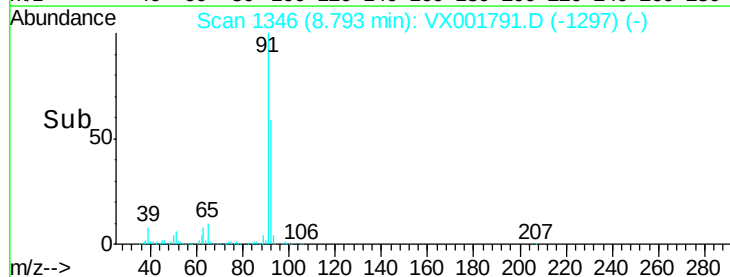
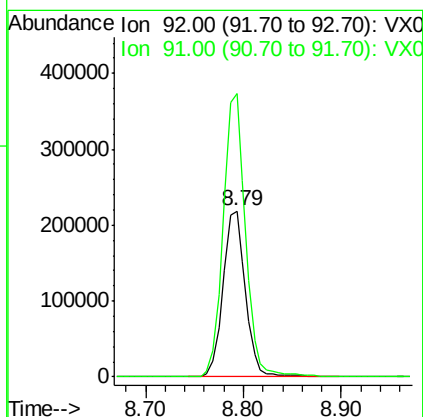
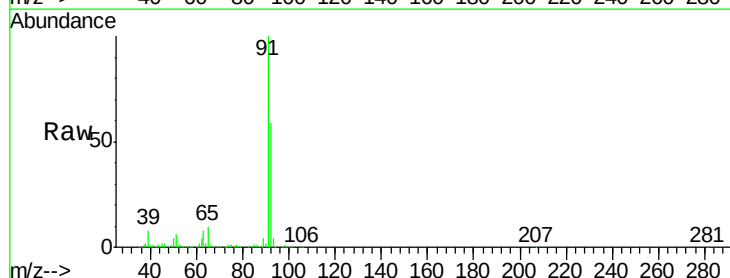
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW157-180508MSD

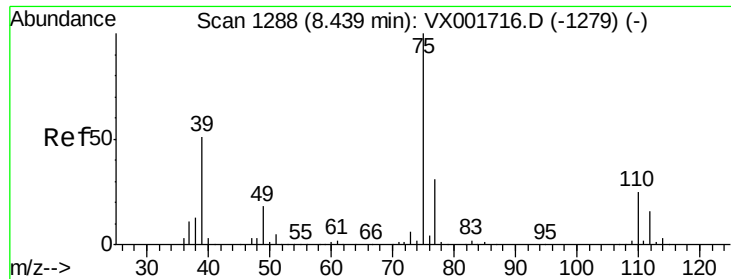
Tgt Ion: 43 Resp: 1281646
 Ion Ratio Lower Upper
 43 100
 58 40.5 31.4 47.0



#52
 Toluene
 Concen: 47.07 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX001791.D
 Acq: 17 May 2018 15:33

Tgt Ion: 92 Resp: 348689
 Ion Ratio Lower Upper
 92 100
 91 170.0 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 41.84 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

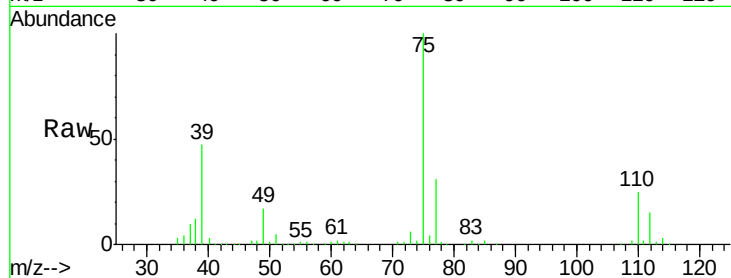
ST008MW157-180508MSD

Tgt Ion: 75 Resp: 181474

Ion Ratio Lower Upper

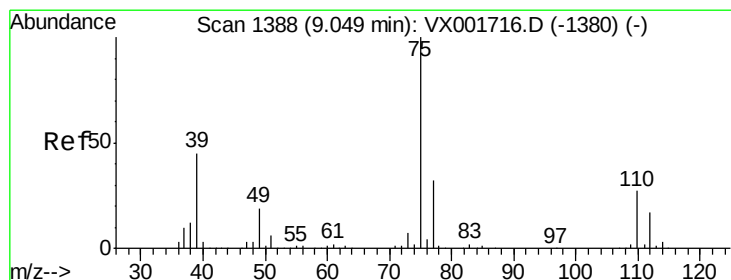
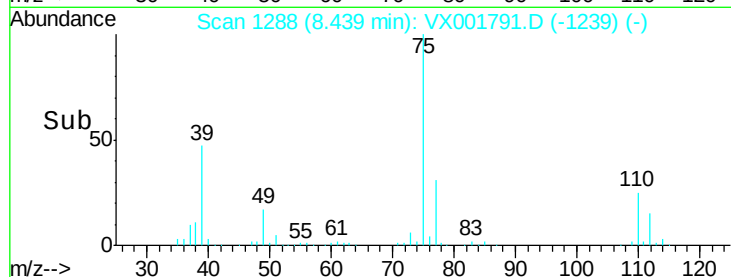
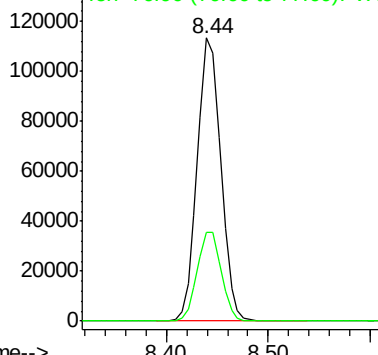
75 100

77 31.5 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 38.32 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

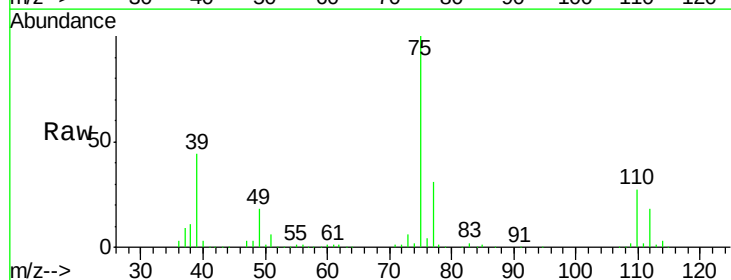
Tgt Ion: 75 Resp: 146489

Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.2

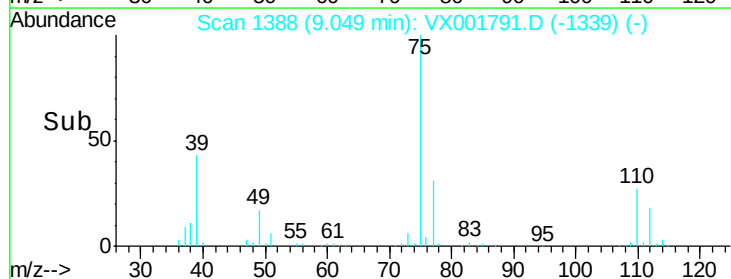
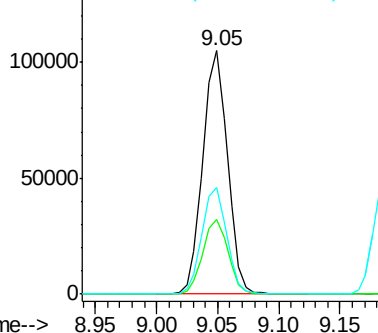
39 43.5 36.1 54.1

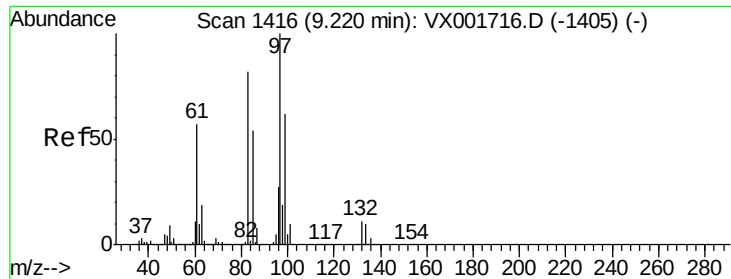


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 53.60 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-180508MSD

Tgt Ion: 97 Resp: 151777

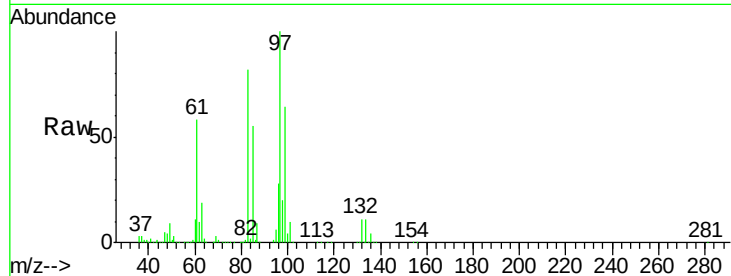
Ion Ratio Lower Upper

97 100

83 82.0 65.8 98.8

85 54.7 43.4 65.0

99 64.3 49.8 74.6

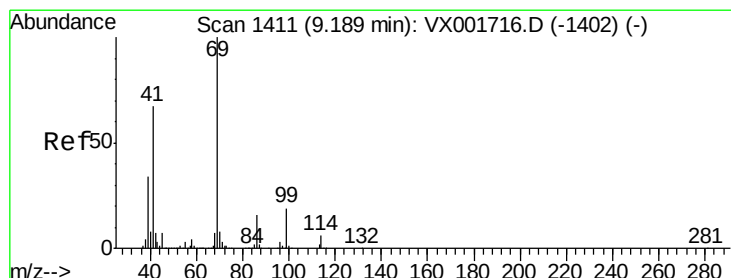
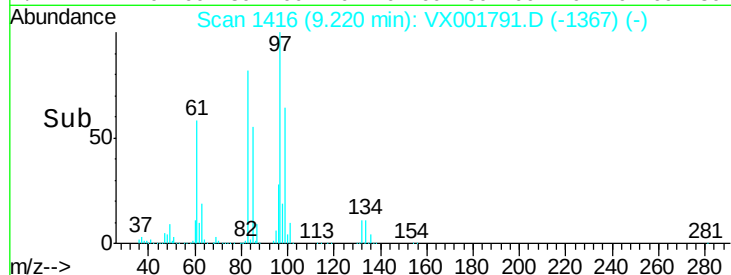
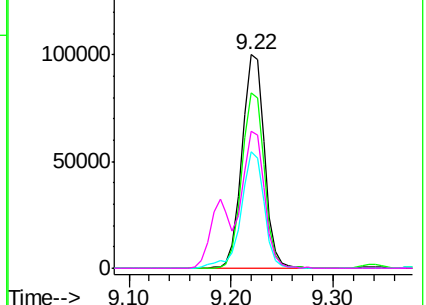


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 57.16 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

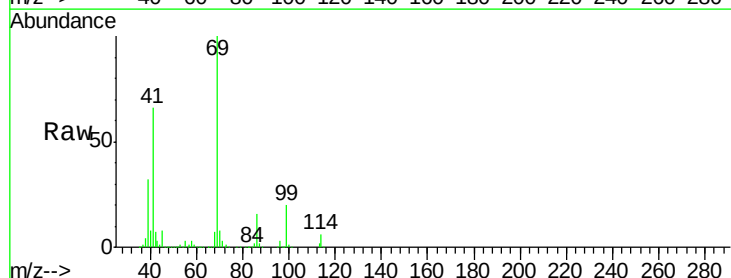
Tgt Ion: 69 Resp: 229543

Ion Ratio Lower Upper

69 100

41 65.3 53.5 80.3

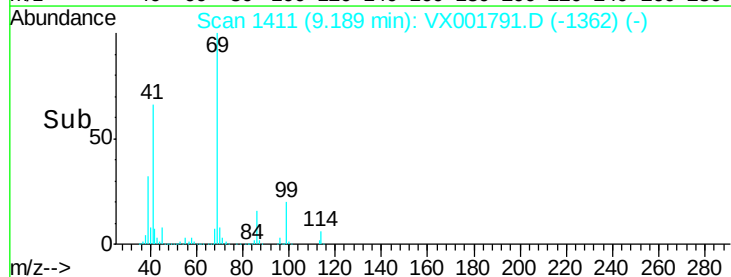
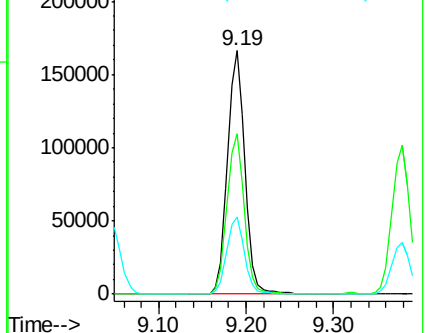
39 32.0 27.2 40.8

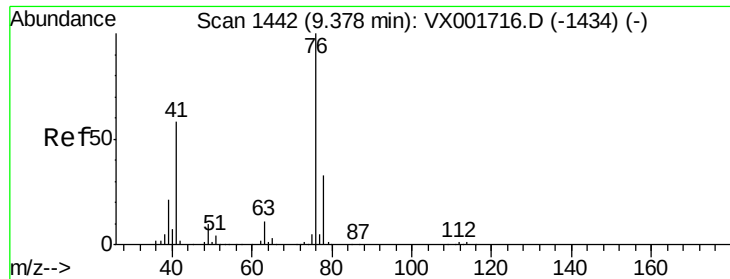


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

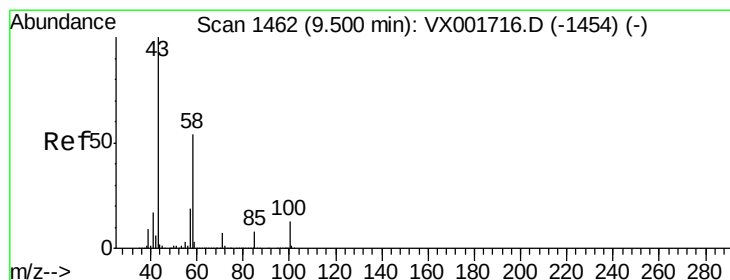
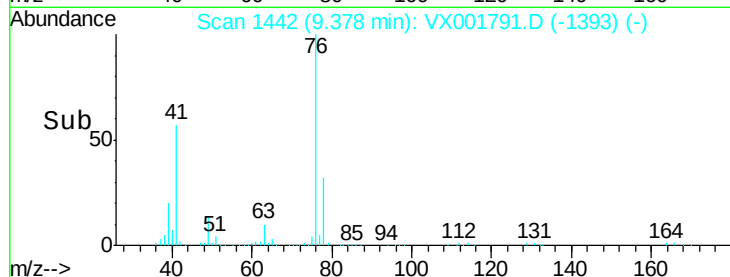
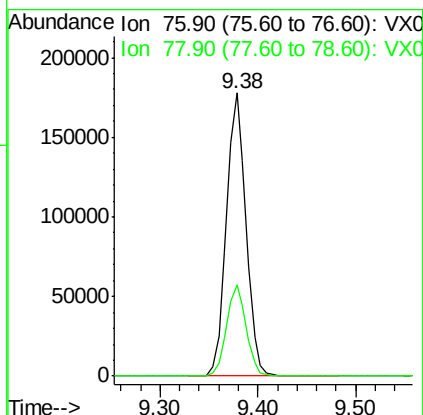
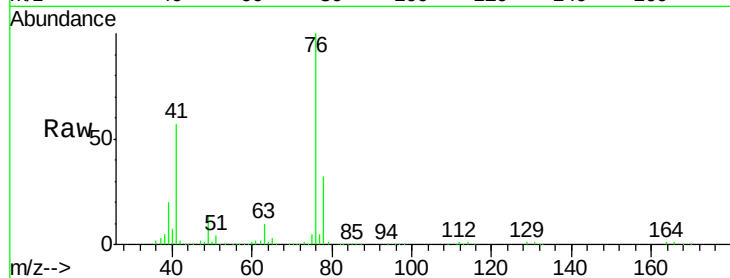




#57
 1,3-Dichloropropane
 Concen: 52.13 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001791.D
 Acq: 17 May 2018 15:33

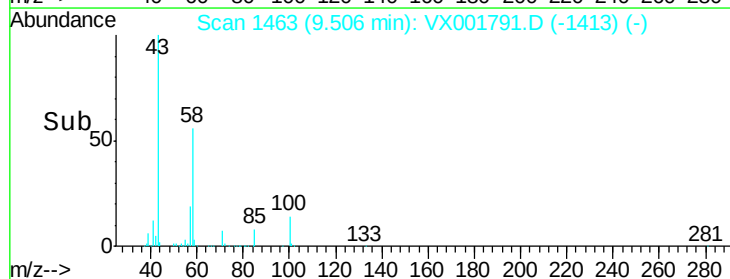
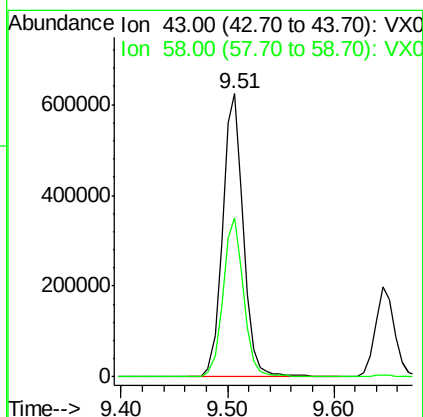
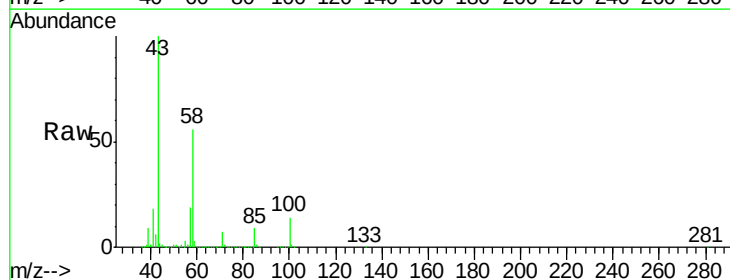
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW157-180508MSD

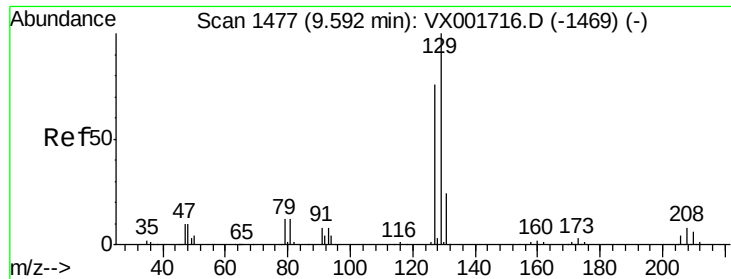
Tgt Ion: 76 Resp: 247151
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#59
 2-Hexanone
 Concen: 291.47 ug/l
 RT: 9.51 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VX001791.D
 Acq: 17 May 2018 15:33

Tgt Ion: 43 Resp: 843945
 Ion Ratio Lower Upper
 43 100
 58 55.9 27.7 83.1





#60

Dibromochloromethane

Concen: 55.31 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

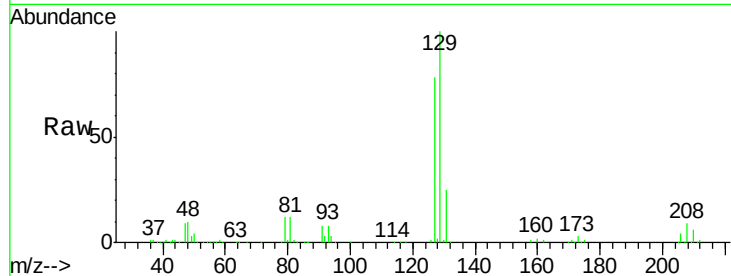
ST008MW157-180508MSD

Tgt Ion:129 Resp: 160379

Ion Ratio Lower Upper

129 100

127 77.1 38.7 116.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

120000

100000

80000

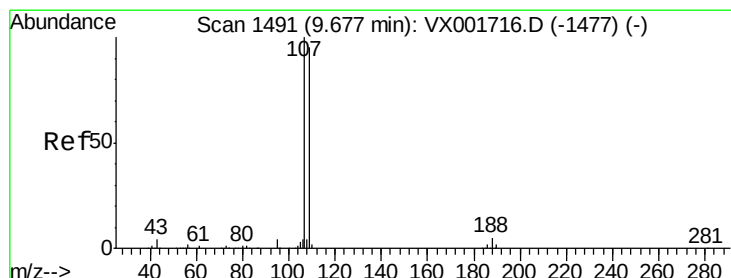
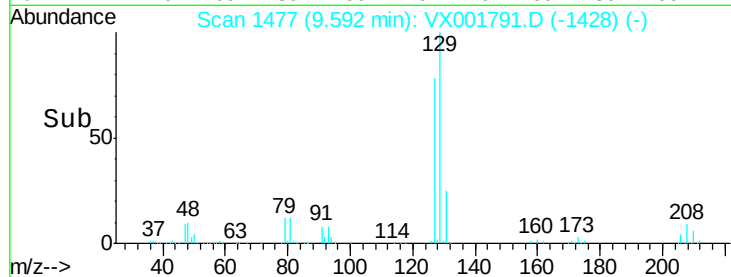
60000

40000

20000

0

Time--> 9.50 9.55 9.60 9.65 9.70



#61

1,2-Dibromoethane

Concen: 53.34 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001791.D

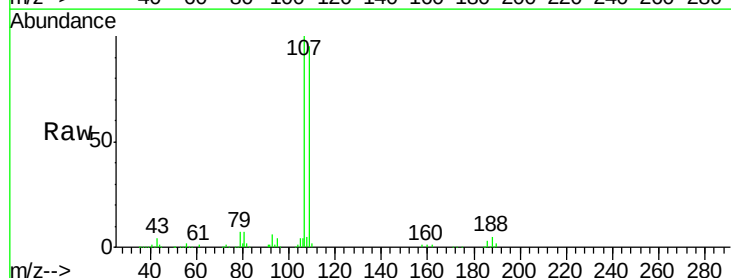
Acq: 17 May 2018 15:33

Tgt Ion:107 Resp: 158132

Ion Ratio Lower Upper

107 100

109 93.8 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

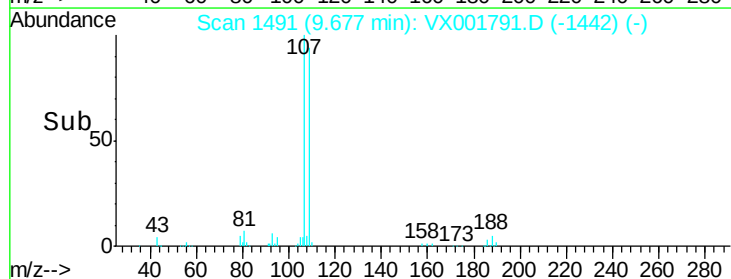
60000

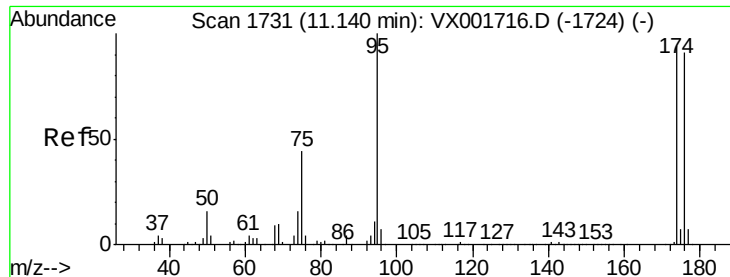
40000

20000

0

Time--> 9.60 9.65 9.70 9.75





#62

4-Bromofluorobenzene

Concen: 40.72 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-180508MSD

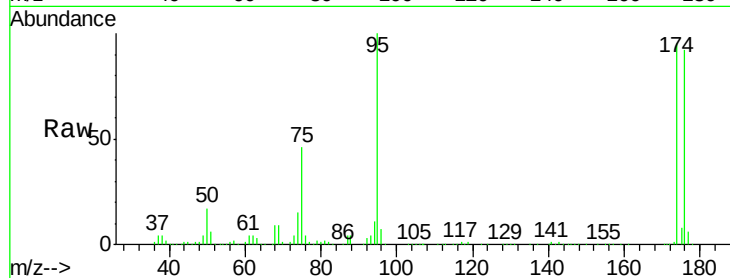
Tgt Ion: 95 Resp: 150619

Ion Ratio Lower Upper

95 100

174 102.0 0.0 201.8

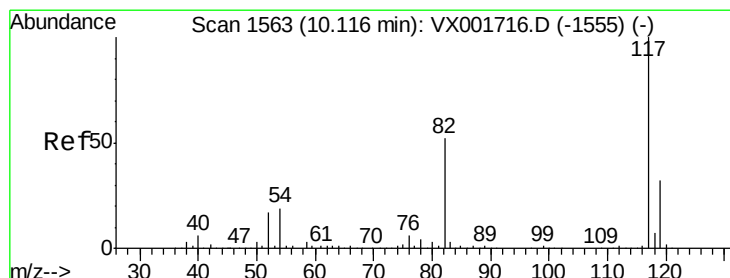
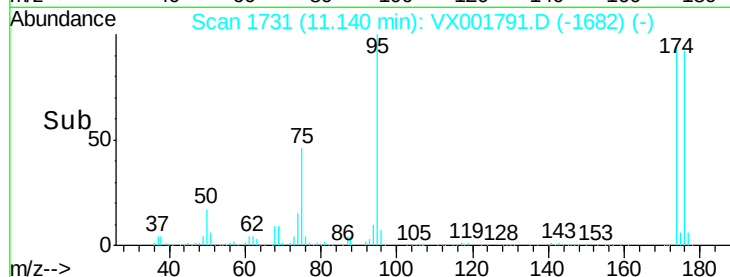
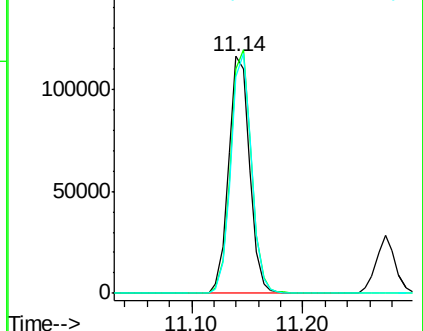
176 99.7 0.0 196.8



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# 1564

Delta R.T. 0.01 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

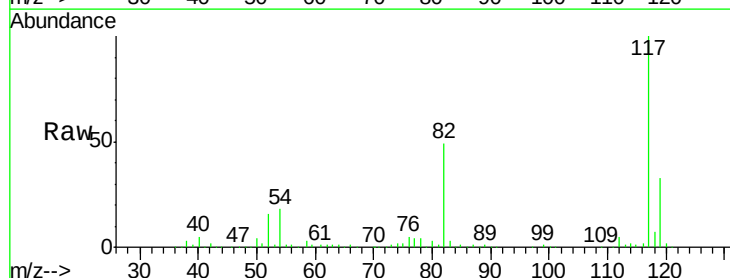
Tgt Ion: 117 Resp: 257105

Ion Ratio Lower Upper

117 100

82 49.4 41.4 62.2

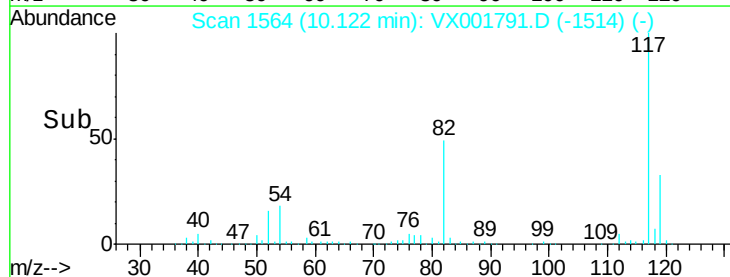
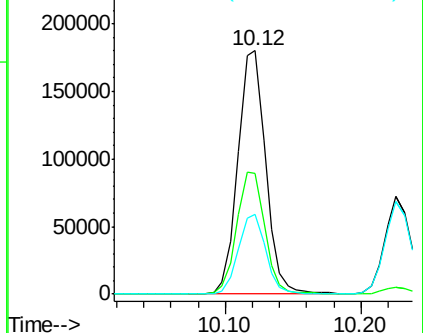
119 32.6 25.6 38.4

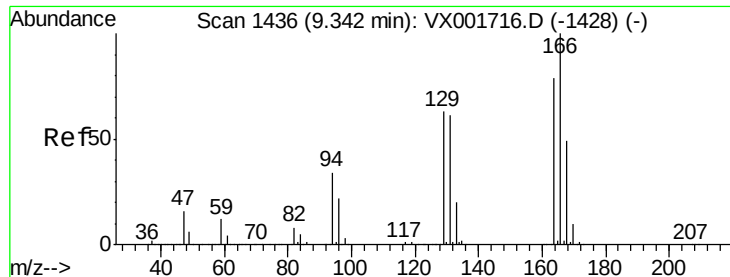


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

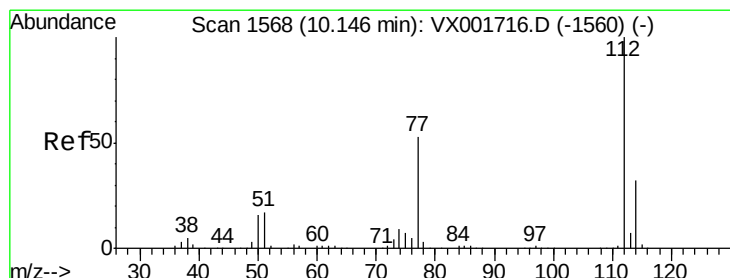
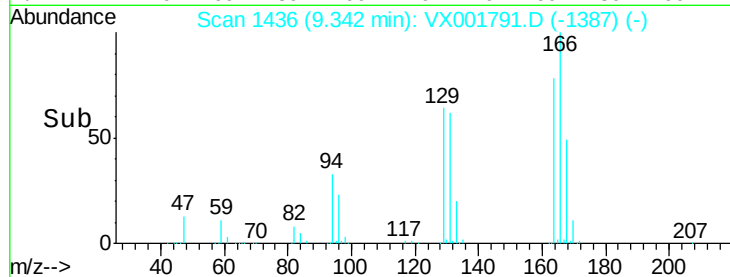
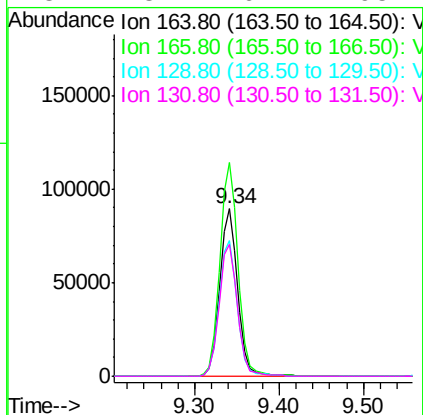
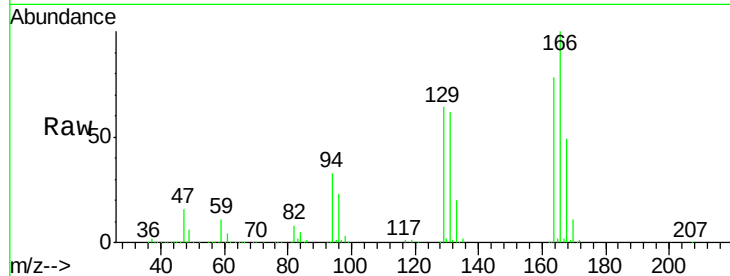




#64
Tetrachloroethene
Concen: 39.52 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001791.D
Acq: 17 May 2018 15:33

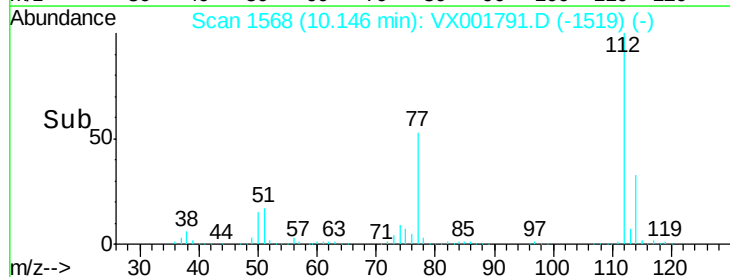
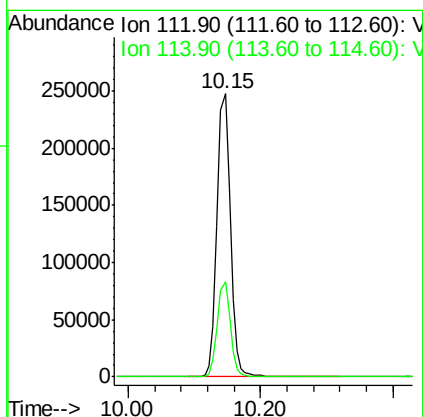
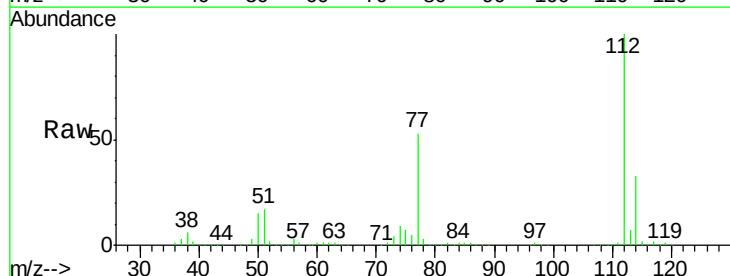
Instrument :
MSVOA_X
ClientSampleId :
ST008MW157-180508MSD

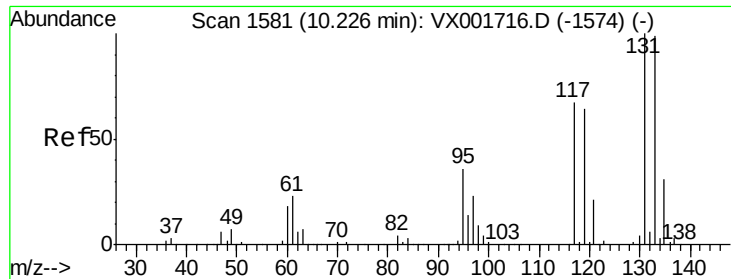
Tgt Ion	Resp	Lower	Upper
164	100		
166	127.7	101.8	152.8
129	81.3	63.8	95.6
131	78.7	62.2	93.2



#65
Chlorobenzene
Concen: 49.00 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001791.D
Acq: 17 May 2018 15:33

Tgt Ion	Resp	Lower	Upper
112	100		
114	33.5	25.6	38.4





#66

1,1,1,2-Tetrachloroethane

Concen: 58.17 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-180508MSD

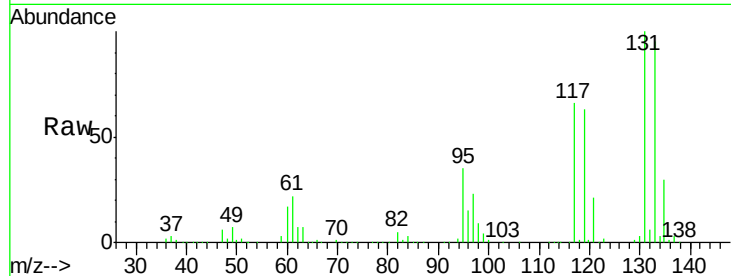
Tgt Ion: 131 Resp: 145303

Ion Ratio Lower Upper

131 100

133 95.5 48.5 145.6

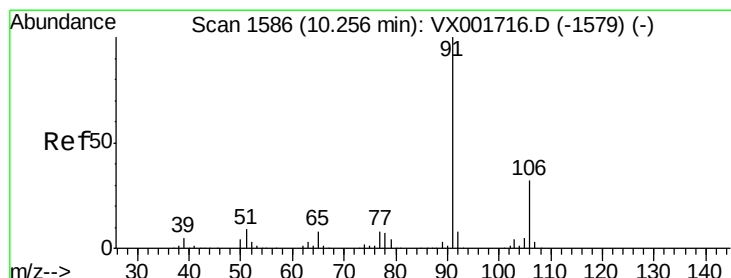
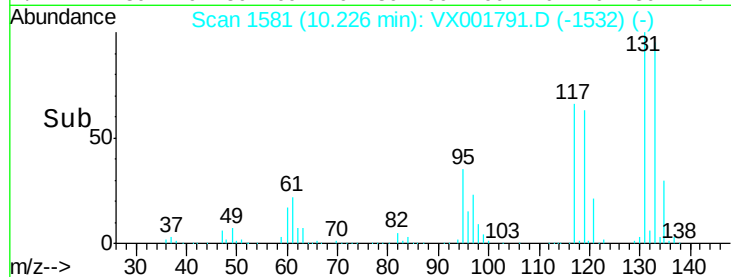
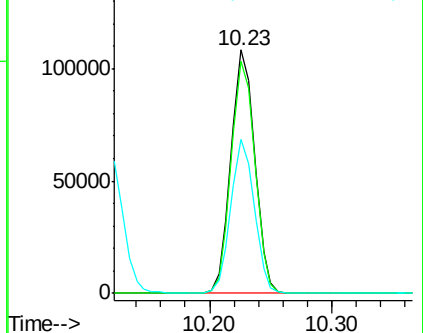
119 62.8 31.9 95.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 44.27 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001791.D

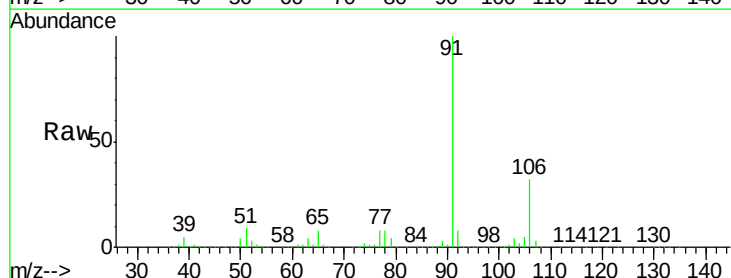
Acq: 17 May 2018 15:33

Tgt Ion: 91 Resp: 500335

Ion Ratio Lower Upper

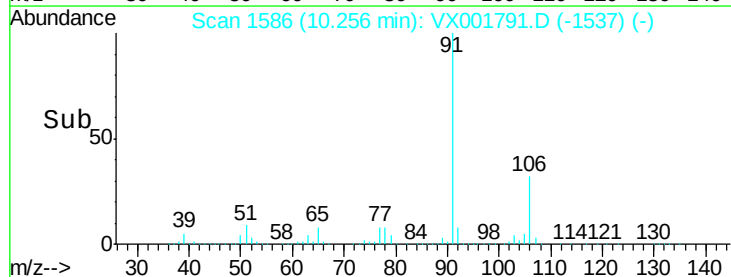
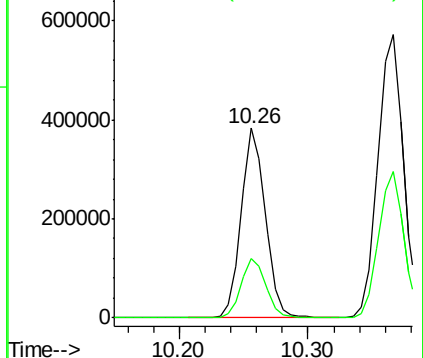
91 100

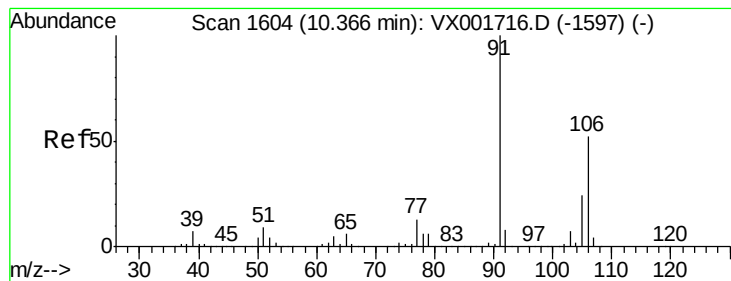
106 31.6 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 90.15 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

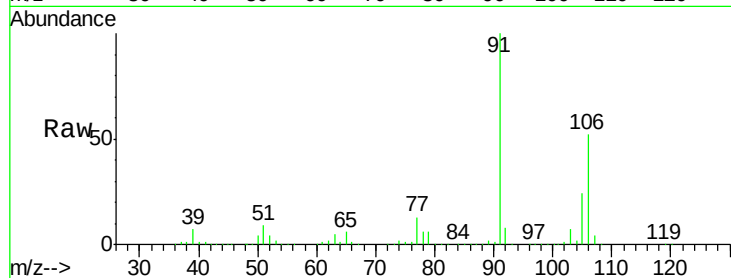
ST008MW157-180508MSD

Tgt Ion:106 Resp: 402015

Ion Ratio Lower Upper

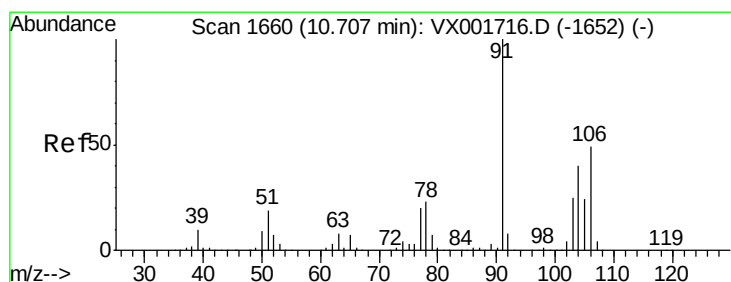
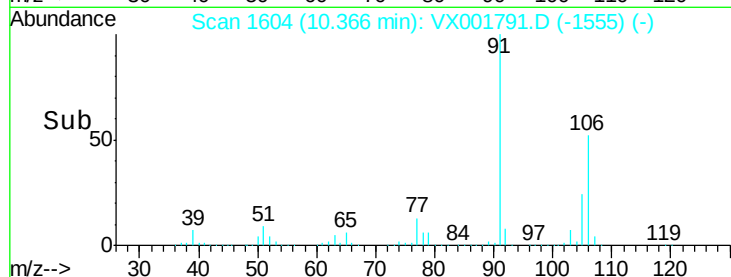
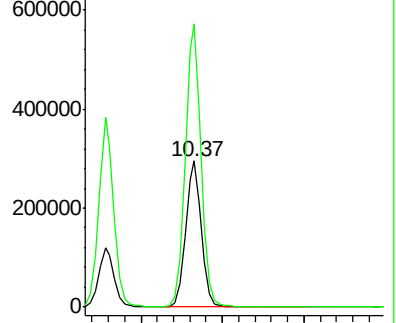
106 100

91 195.3 155.4 233.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 49.55 ug/l

RT: 10.71 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX001791.D

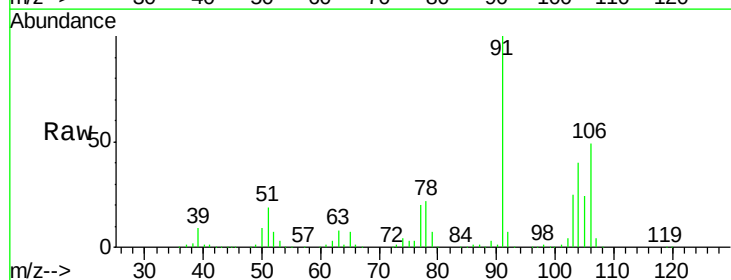
Acq: 17 May 2018 15:33

Tgt Ion:106 Resp: 211602

Ion Ratio Lower Upper

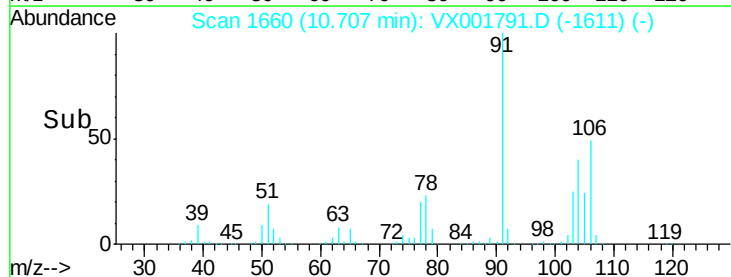
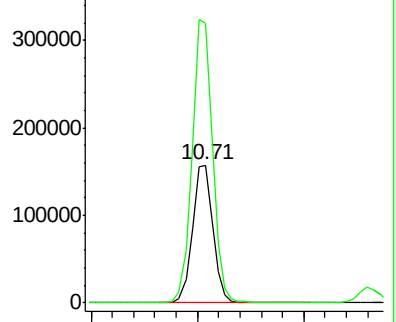
106 100

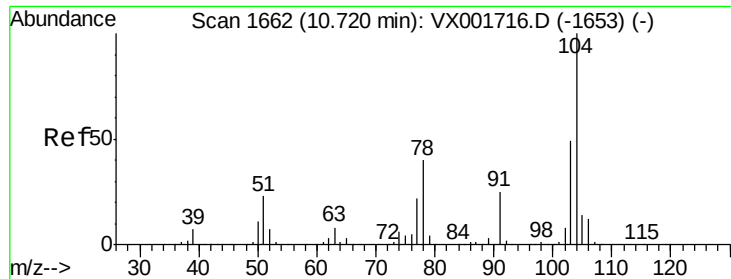
91 205.8 103.4 310.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

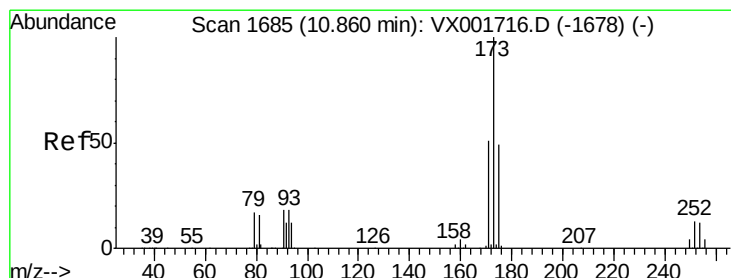
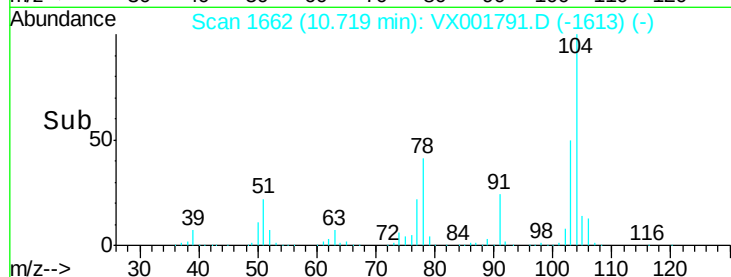
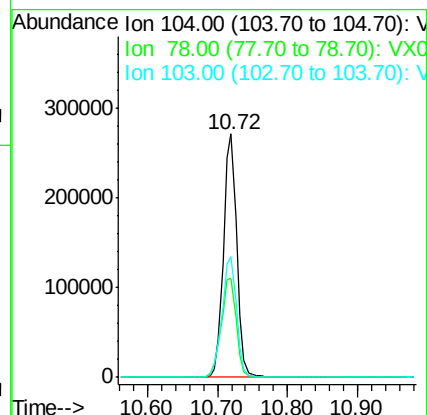
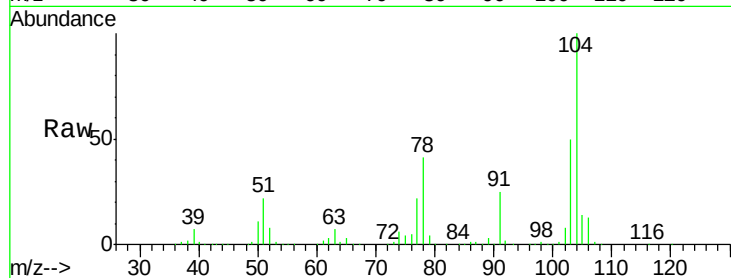




#70
Styrene
Concen: 50.77 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001791.D
Acq: 17 May 2018 15:33

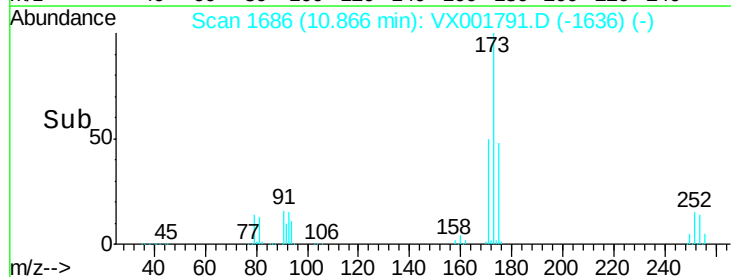
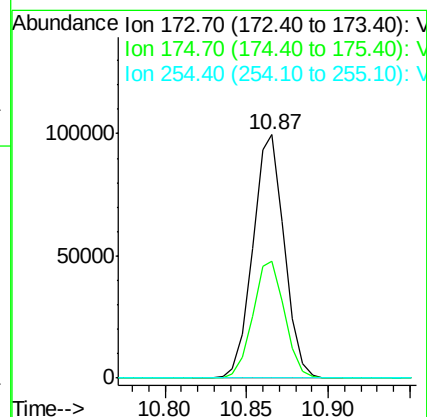
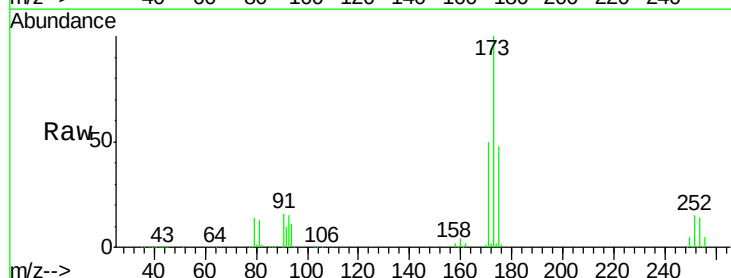
Instrument :
MSVOA_X
ClientSampleId :
ST008MW157-180508MSD

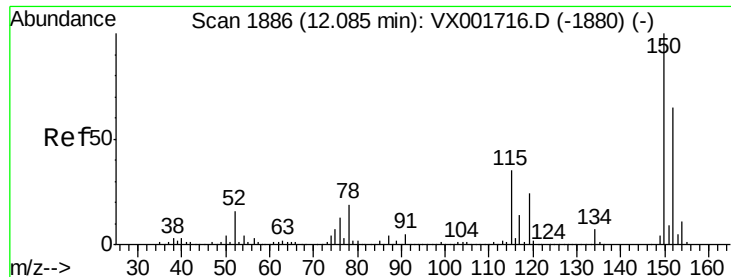
Tgt Ion:104 Resp: 357559
Ion Ratio Lower Upper
104 100
78 46.2 37.3 55.9
103 54.5 43.7 65.5



#71
Bromoform
Concen: 56.90 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX001791.D
Acq: 17 May 2018 15:33

Tgt Ion:173 Resp: 133264
Ion Ratio Lower Upper
173 100
175 48.5 24.3 72.8
254 0.2 0.2 0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-180508MSD

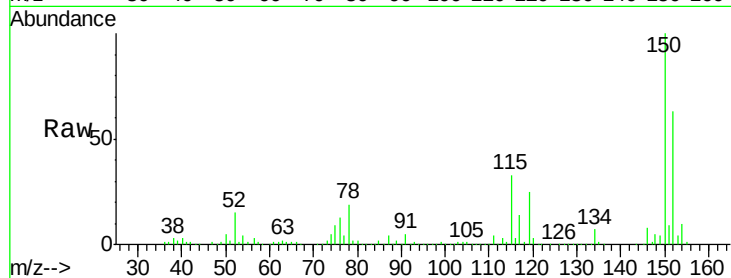
Tgt Ion:152 Resp: 152747

Ion Ratio Lower Upper

152 100

115 70.7 37.4 112.2

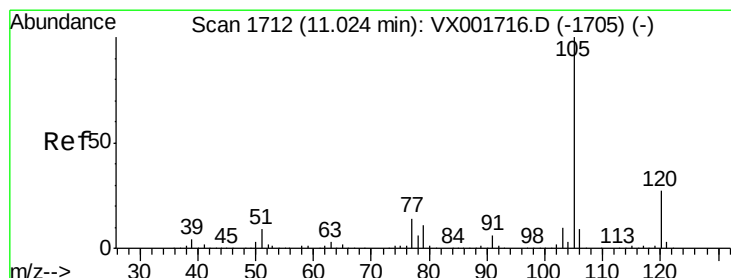
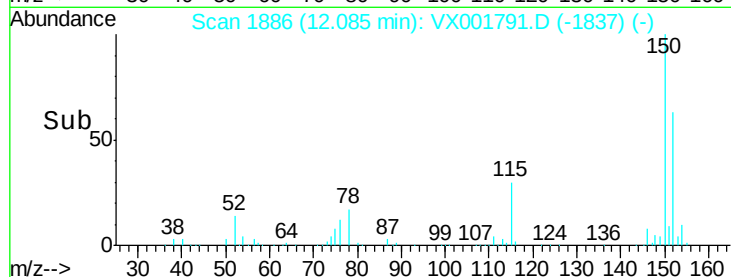
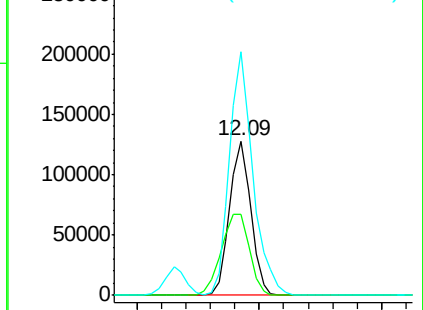
150 174.8 0.0 344.8



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: 48.03 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001791.D

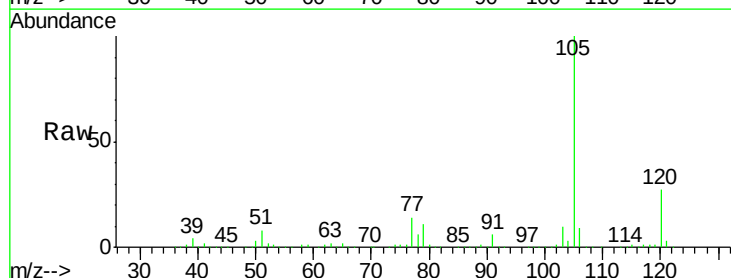
Acq: 17 May 2018 15:33

Tgt Ion:105 Resp: 483152

Ion Ratio Lower Upper

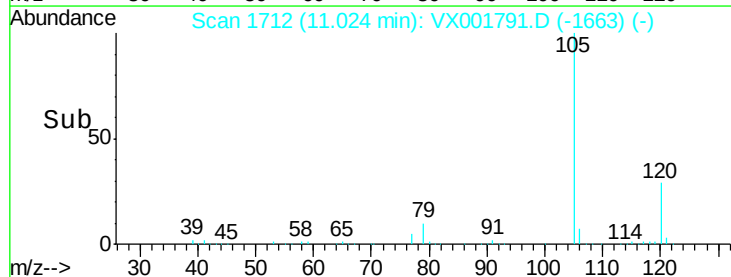
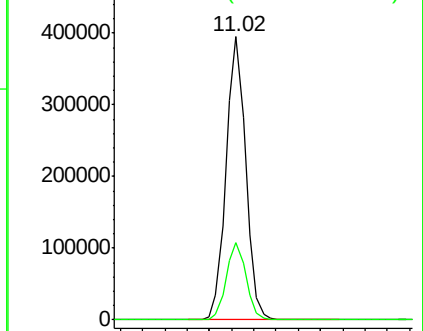
105 100

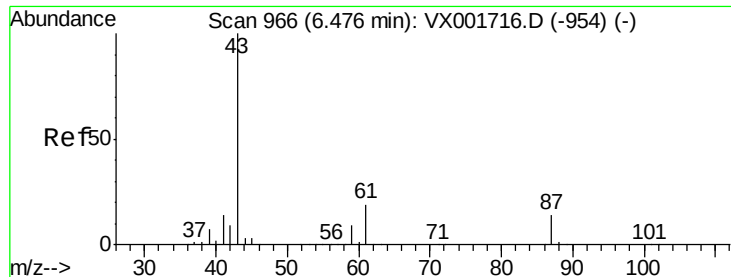
120 27.5 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 72.32 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-180508MSD

Tgt Ion: 43 Resp: 348759

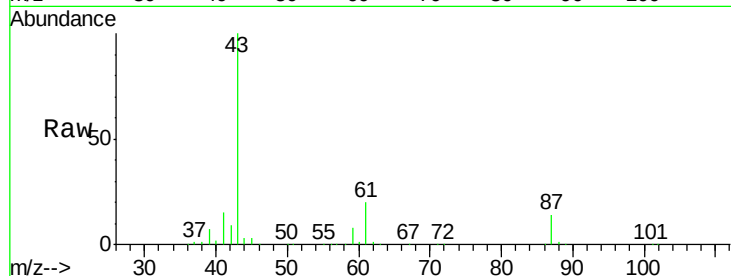
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 20.5 15.8 23.8

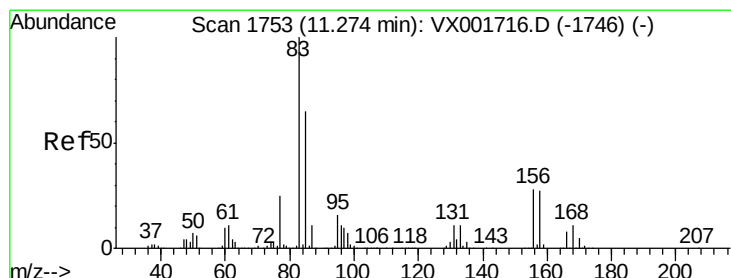
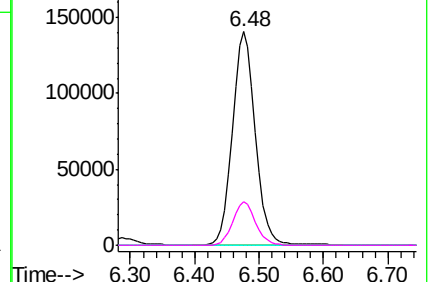
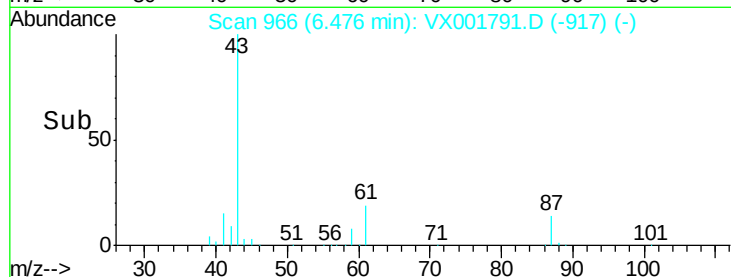


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 72.86 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

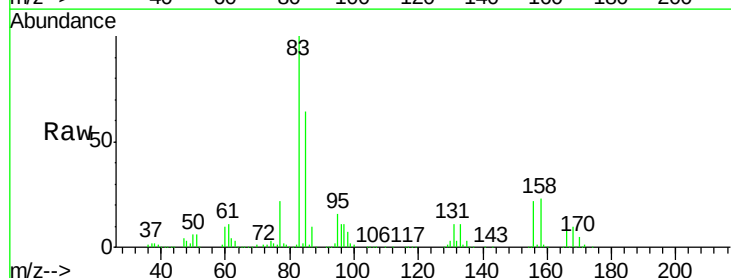
Tgt Ion: 83 Resp: 219867

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.0

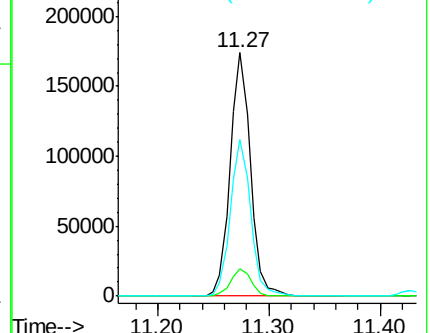
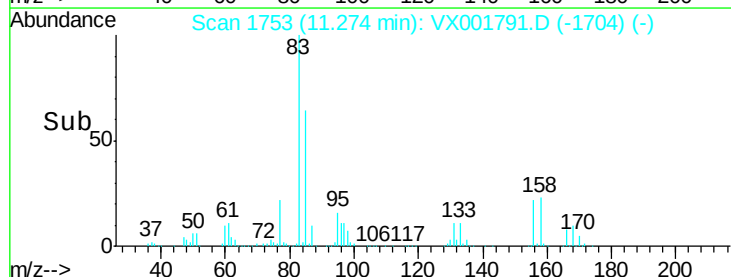
85 64.4 32.7 98.1

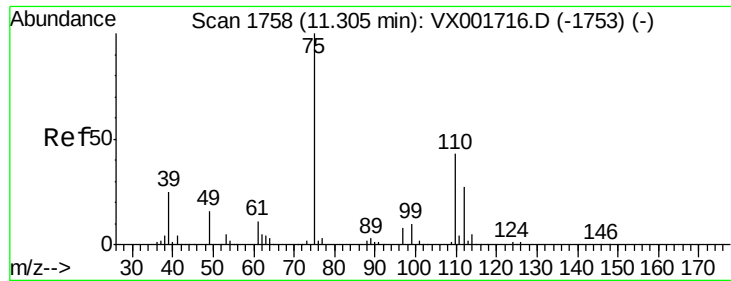


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

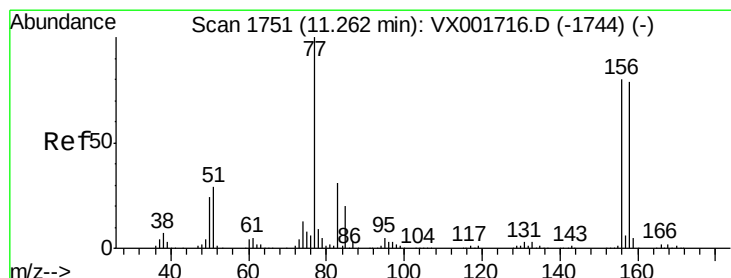
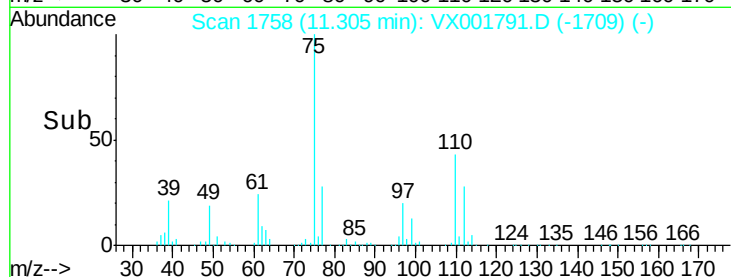
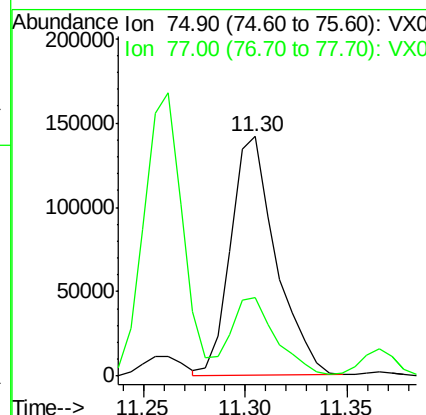
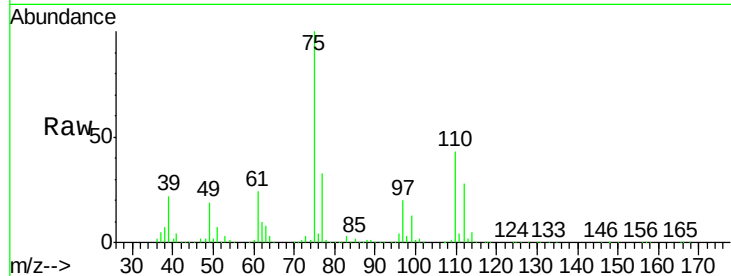




#76
 1,2,3-Trichloropropane
 Concen: 74.55 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX001791.D
 Acq: 17 May 2018 15:33

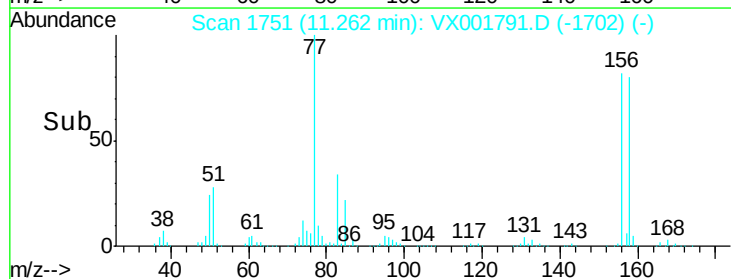
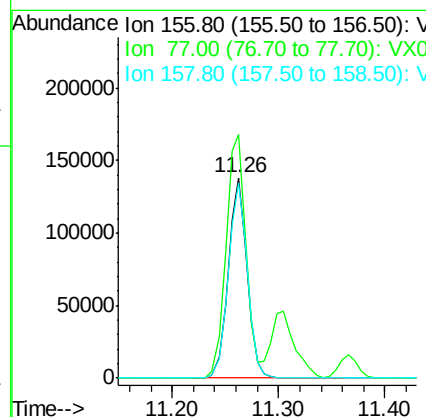
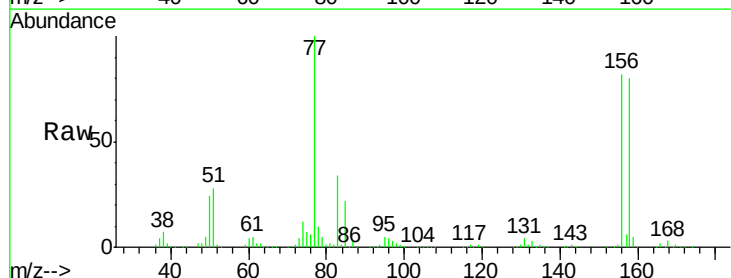
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW157-180508MSD

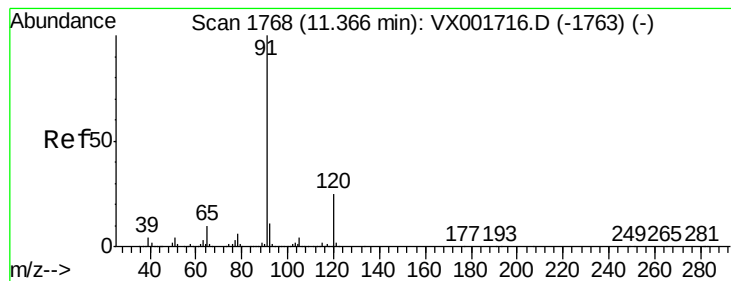
Tgt Ion: 75 Resp: 216539
 Ion Ratio Lower Upper
 75 100
 77 31.8 18.9 56.7



#77
 Bromobenzene
 Concen: 57.43 ug/l
 RT: 11.26 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: VX001791.D
 Acq: 17 May 2018 15:33

Tgt Ion: 156 Resp: 169763
 Ion Ratio Lower Upper
 156 100
 77 128.3 65.3 196.0
 158 99.0 49.1 147.3





#78

n-propylbenzene

Concen: 44.58 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

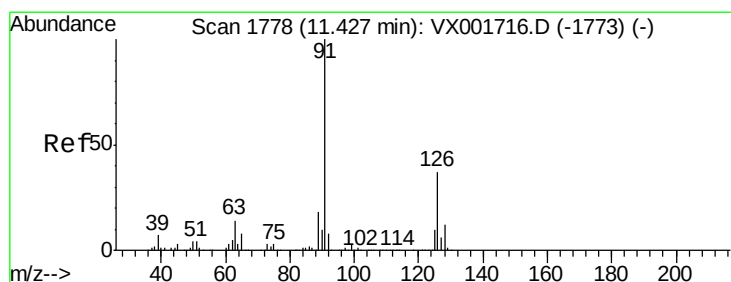
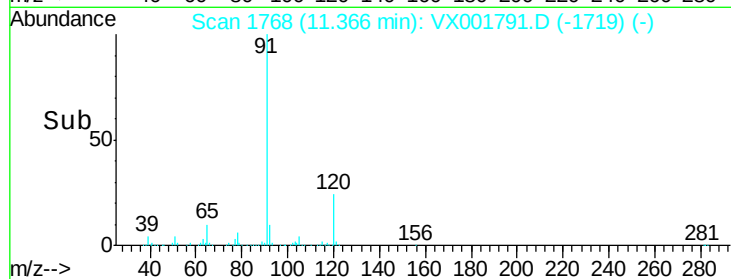
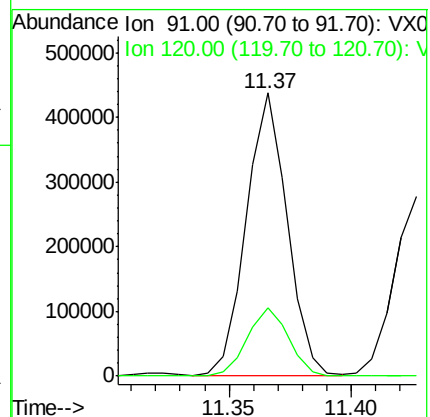
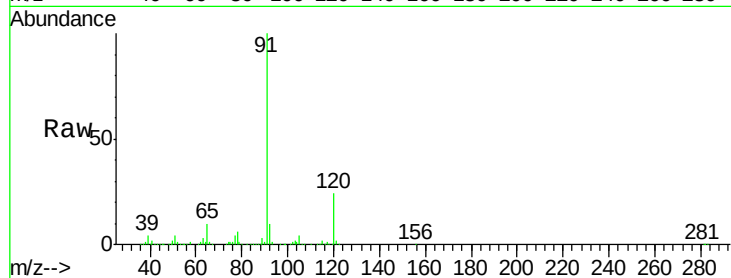
ST008MW157-180508MSD

Tgt Ion: 91 Resp: 505208

Ion Ratio Lower Upper

91 100

120 24.7 12.5 37.5



#79

2-Chlorotoluene

Concen: 50.55 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001791.D

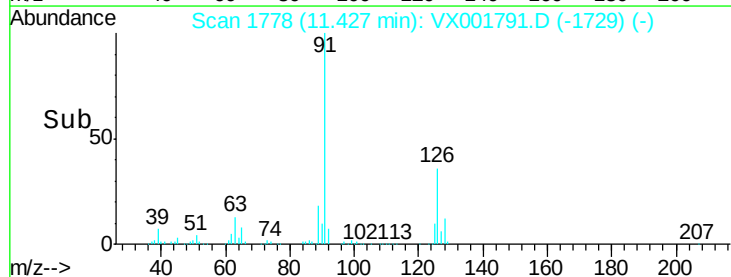
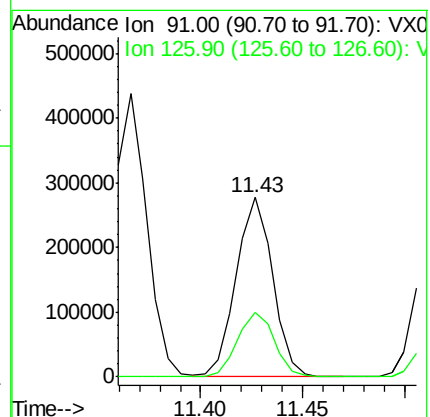
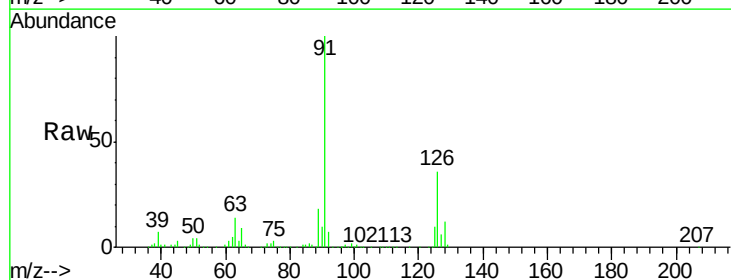
Acq: 17 May 2018 15:33

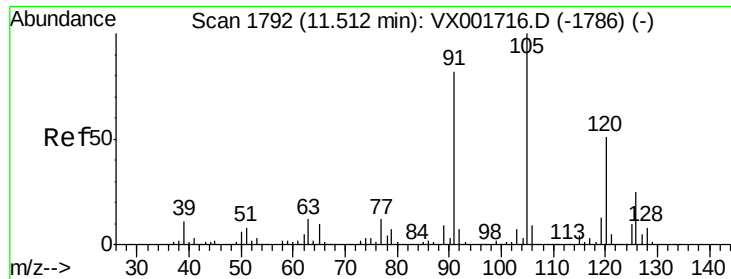
Tgt Ion: 91 Resp: 342634

Ion Ratio Lower Upper

91 100

126 36.8 18.4 55.4

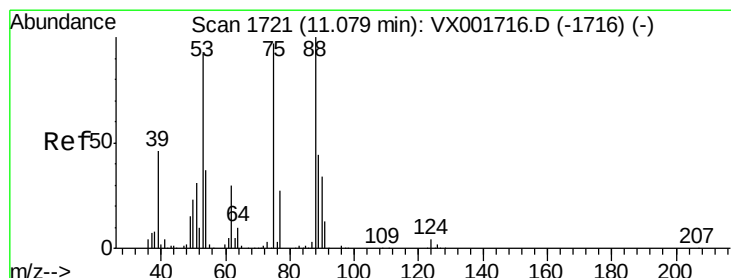
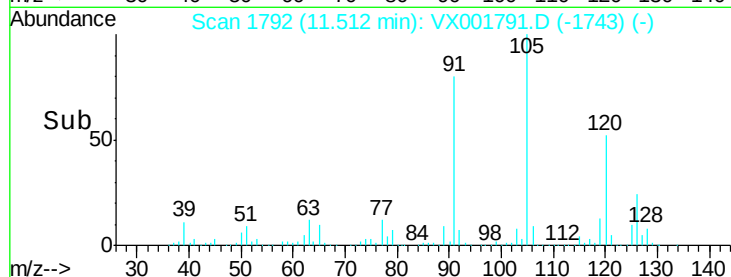
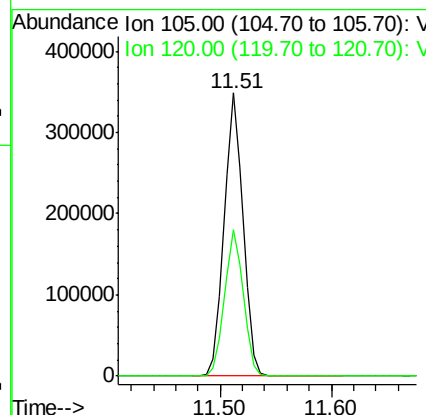
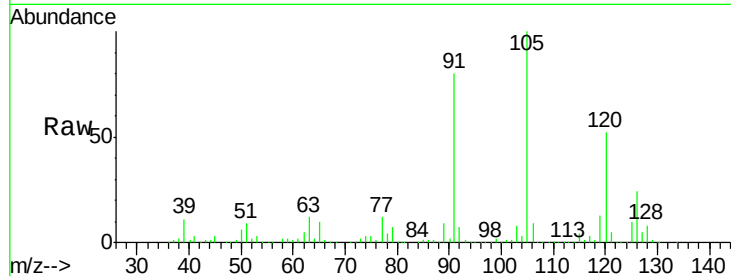




#80
 1,3,5-Trimethylbenzene
 Concen: 49.54 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001791.D
 Acq: 17 May 2018 15:33

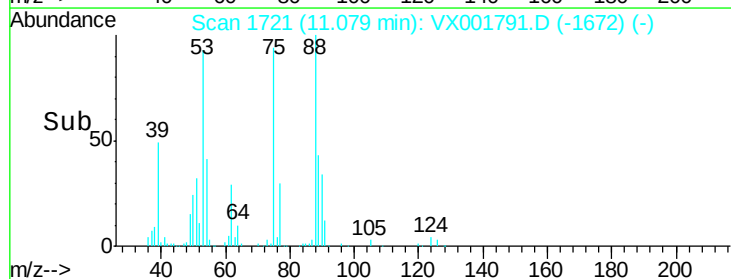
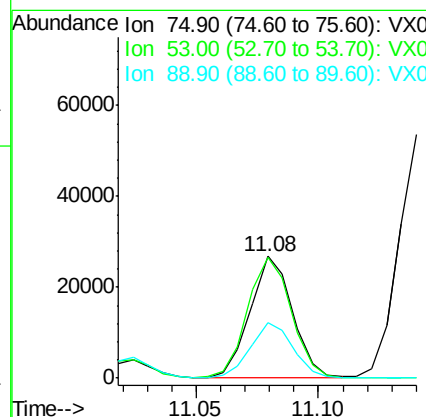
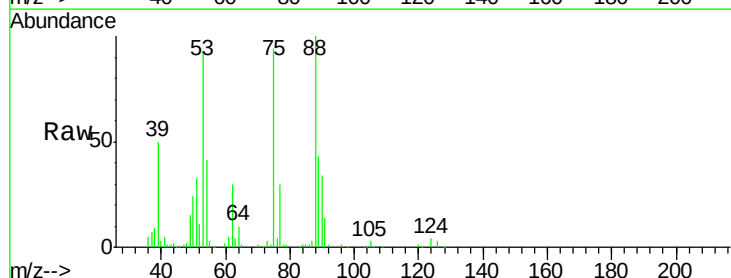
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW157-180508MSD

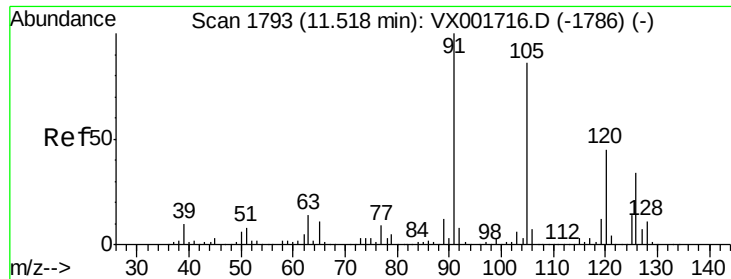
Tgt Ion:105 Resp: 408811
 Ion Ratio Lower Upper
 105 100
 120 51.7 25.7 77.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 34.04 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX001791.D
 Acq: 17 May 2018 15:33

Tgt Ion: 75 Resp: 32073
 Ion Ratio Lower Upper
 75 100
 53 104.0 79.4 119.2
 89 46.0 38.8 58.2

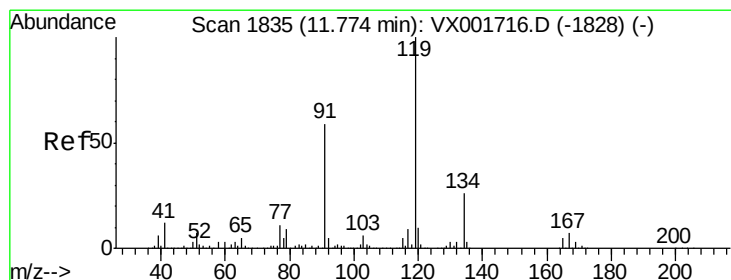
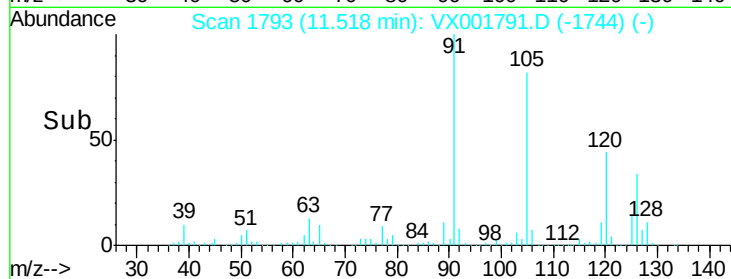
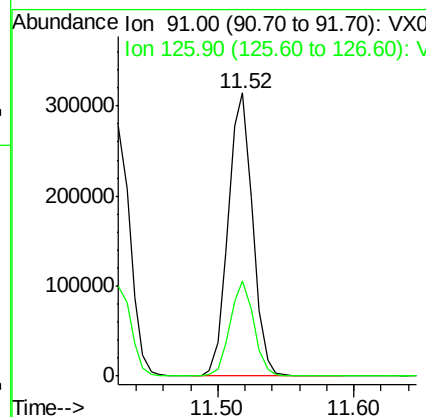
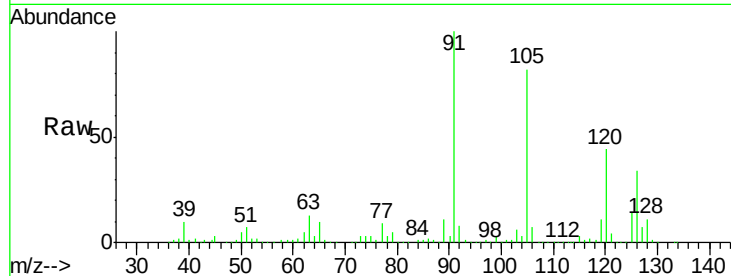




#82
4-Chlorotoluene
Concen: 48.97 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001791.D
Acq: 17 May 2018 15:33

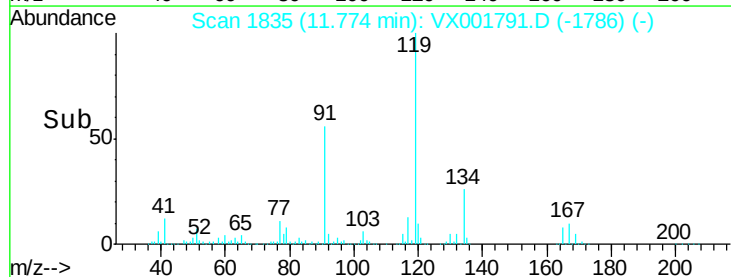
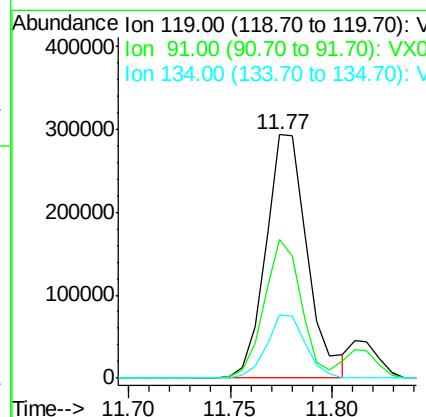
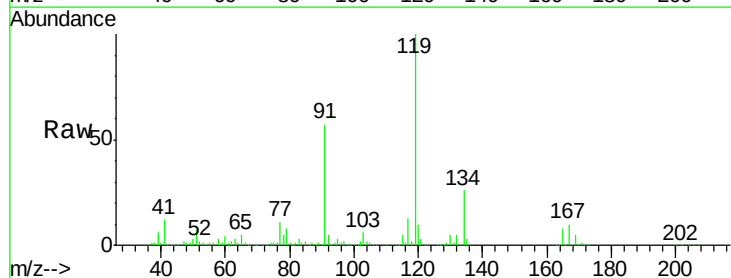
Instrument :
MSVOA_X
ClientSampleId :
ST008MW157-180508MSD

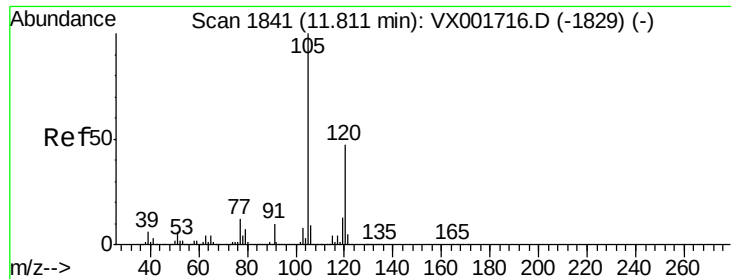
Tgt Ion: 91 Resp: 391005
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.1



#83
tert-Butylbenzene
Concen: 50.52 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX001791.D
Acq: 17 May 2018 15:33

Tgt Ion: 119 Resp: 414926
Ion Ratio Lower Upper
119 100
91 51.1 27.7 83.0
134 24.4 12.7 38.1

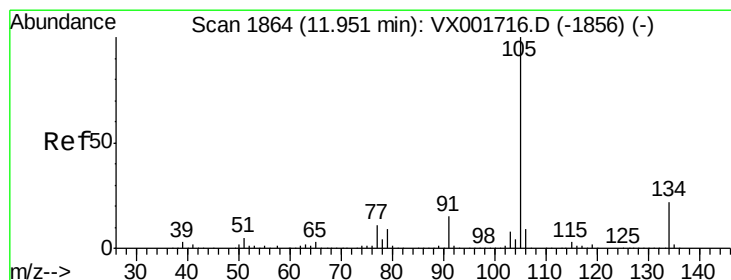
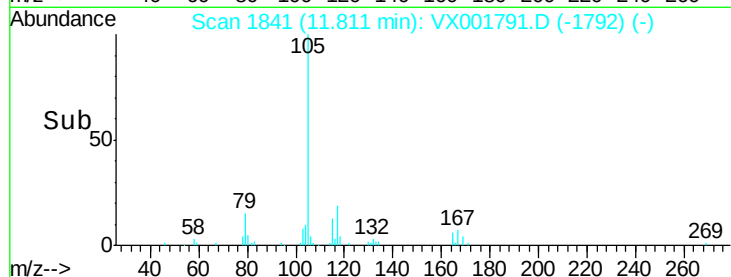
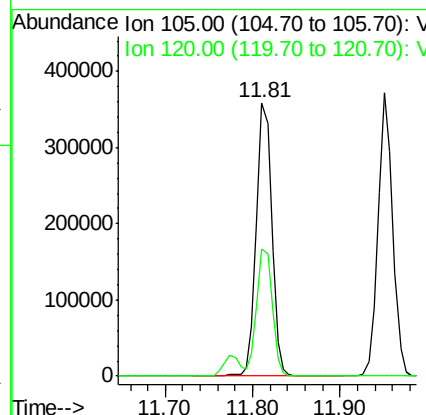
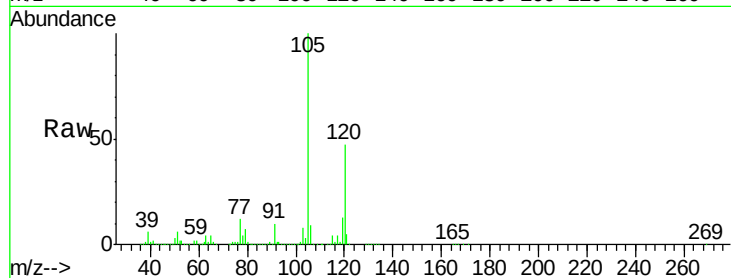




#84
 1,2,4-Trimethylbenzene
 Concen: 51.32 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001791.D
 Acq: 17 May 2018 15:33

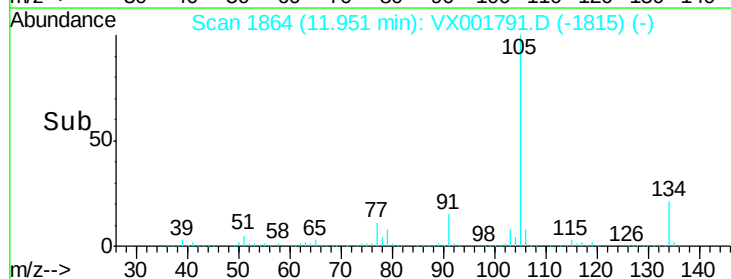
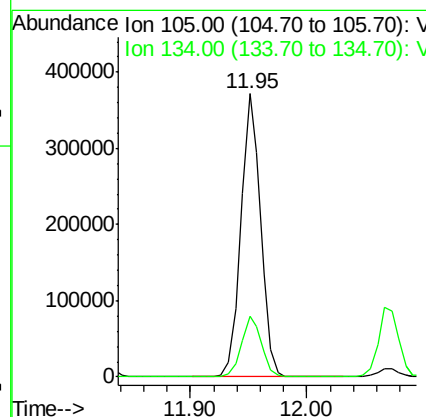
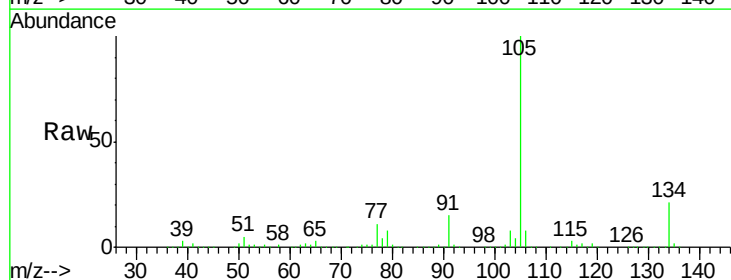
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW157-180508MSD

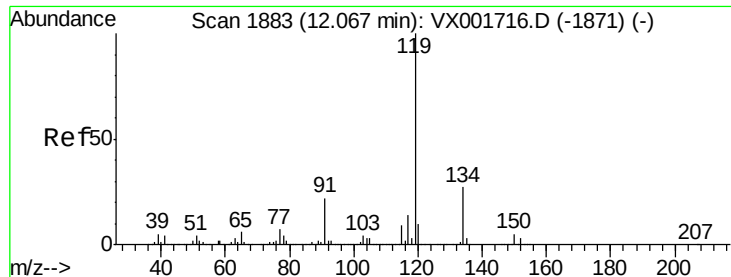
Tgt Ion:105 Resp: 438597
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.5 70.5



#85
 sec-Butylbenzene
 Concen: 43.29 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001791.D
 Acq: 17 May 2018 15:33

Tgt Ion:105 Resp: 438824
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.9 32.6

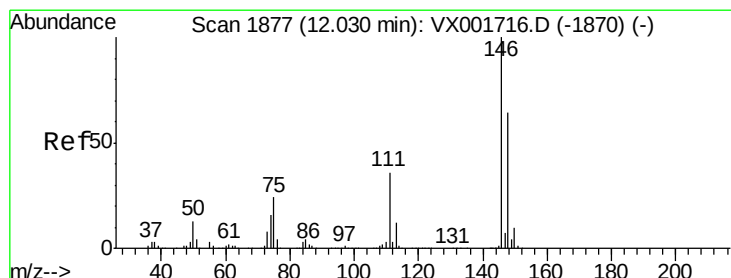
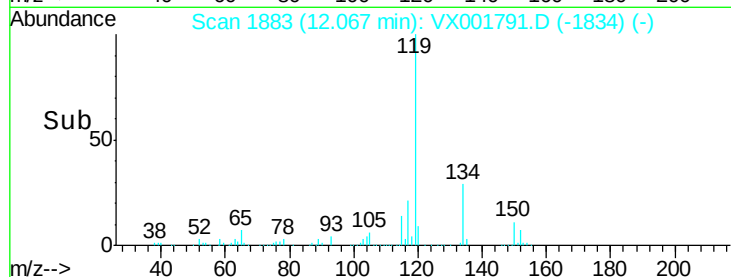
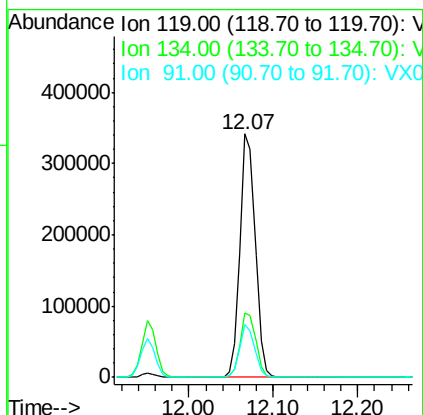
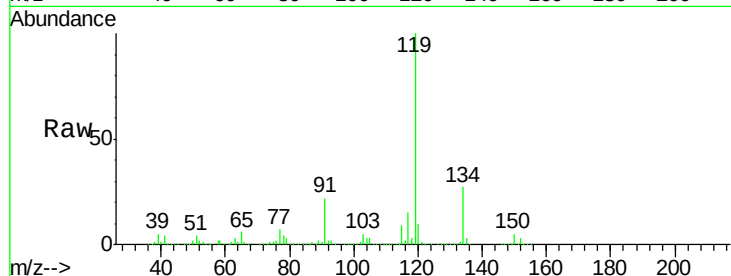




#86
p-Isopropyltoluene
Concen: 43.99 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX001791.D
Acq: 17 May 2018 15:33

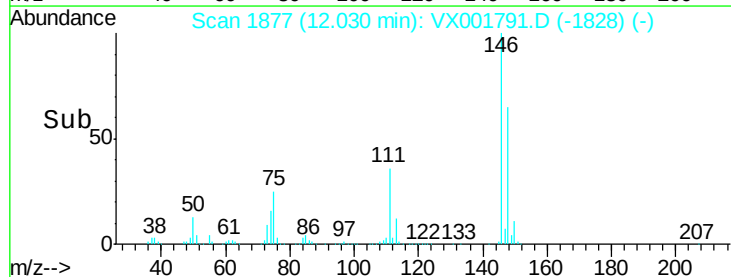
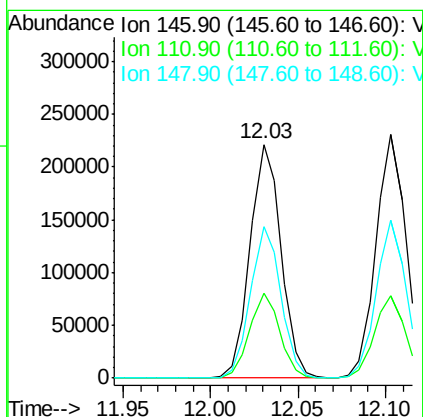
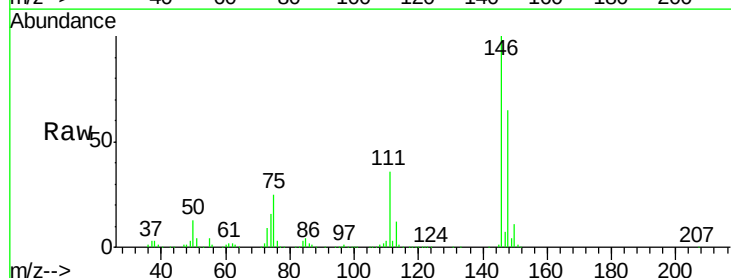
Instrument :
MSVOA_X
ClientSampleId :
ST008MW157-180508MSD

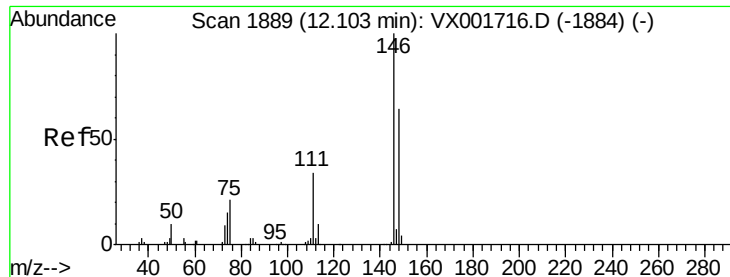
Tgt Ion:119 Resp: 412608
Ion Ratio Lower Upper
119 100
134 27.0 13.6 40.8
91 21.2 10.7 32.1



#87
1,3-Dichlorobenzene
Concen: 49.90 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX001791.D
Acq: 17 May 2018 15:33

Tgt Ion:146 Resp: 272768
Ion Ratio Lower Upper
146 100
111 35.5 17.8 53.4
148 64.0 32.1 96.3





#88

1,4-Dichlorobenzene

Concen: 48.76 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-180508MSD

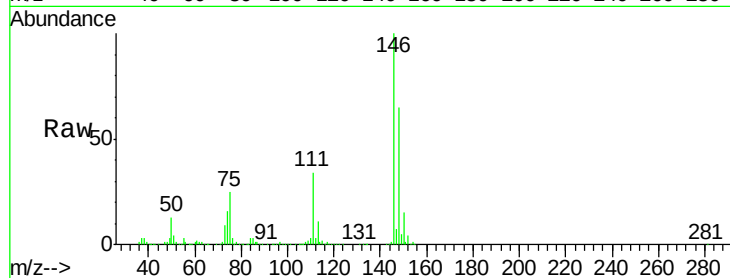
Tgt Ion:146 Resp: 275597

Ion Ratio Lower Upper

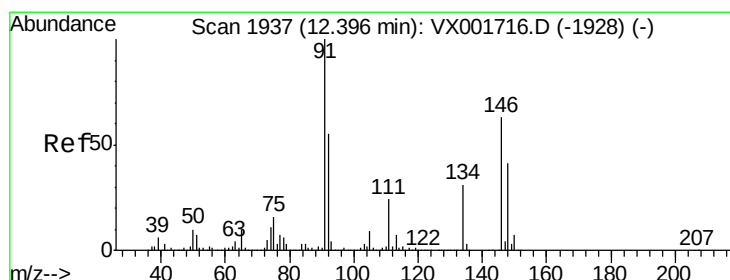
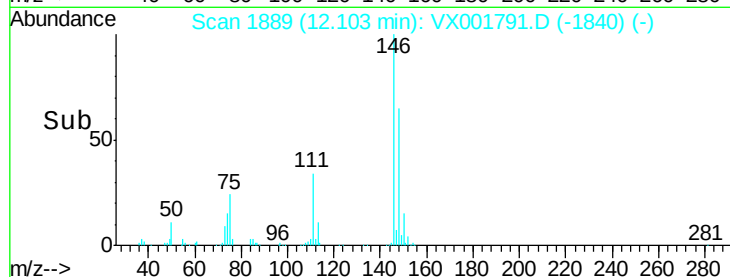
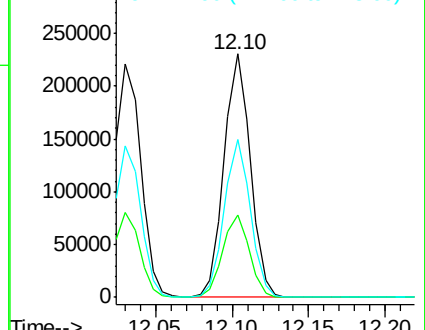
146 100

111 34.7 17.3 52.0

148 64.4 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 37.41 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

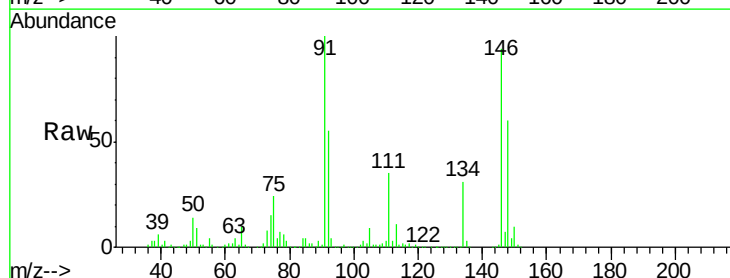
Tgt Ion: 91 Resp: 303496

Ion Ratio Lower Upper

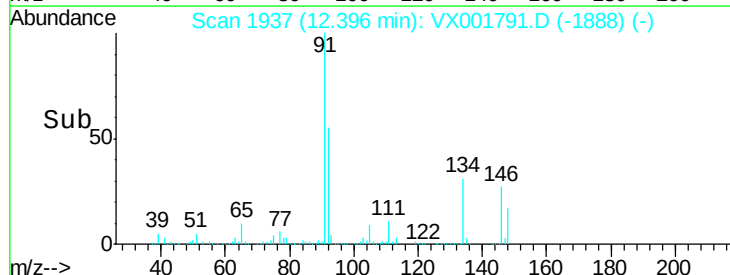
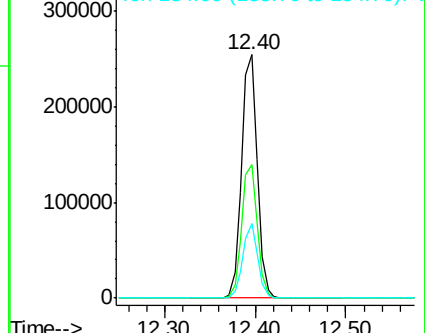
91 100

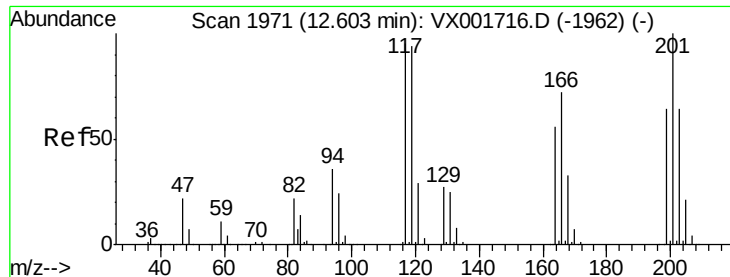
92 54.8 27.3 81.9

134 29.2 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

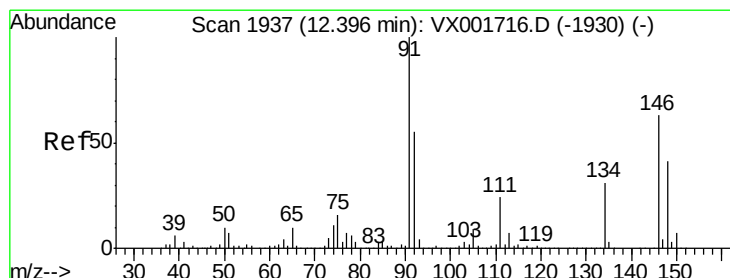
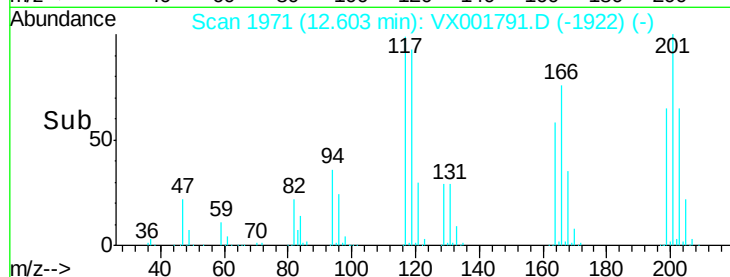
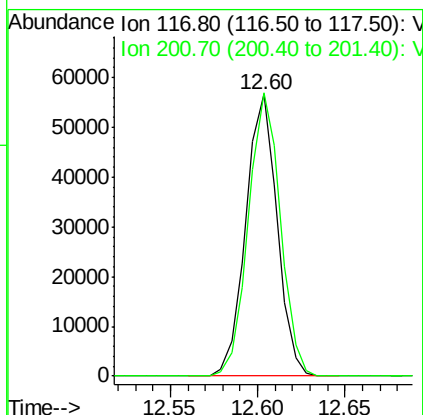
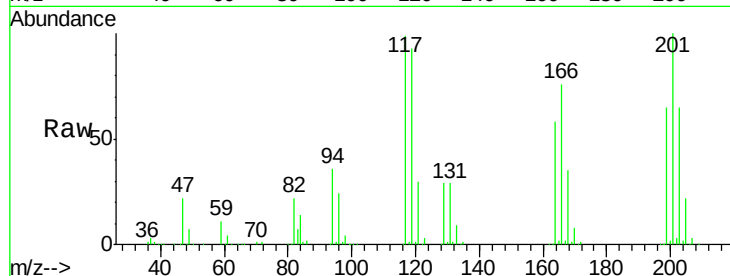




#90
Hexachloroethane
Concen: 48.34 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001791.D
Acq: 17 May 2018 15:33

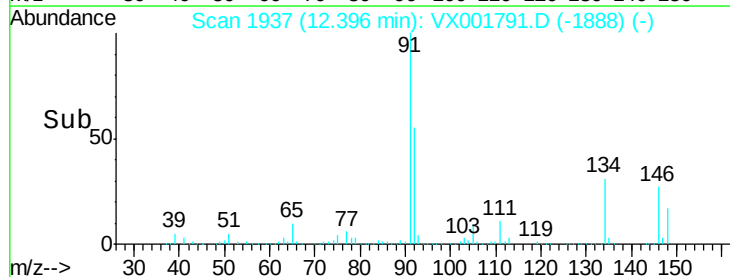
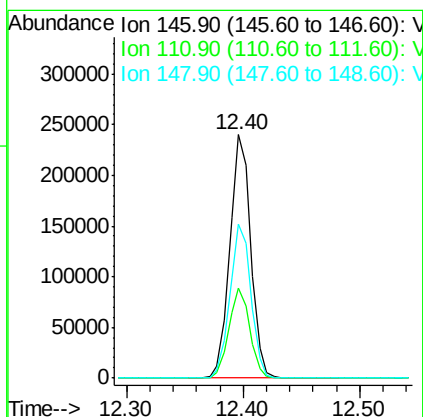
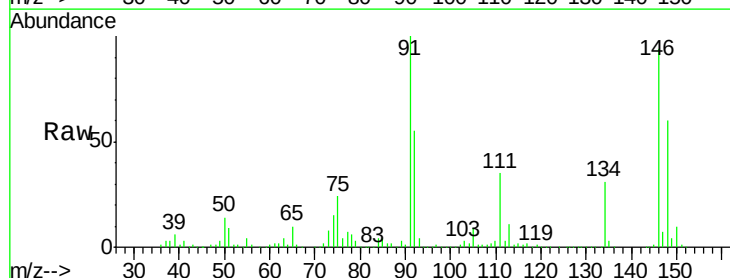
Instrument :
MSVOA_X
ClientSampleId :
ST008MW157-180508MSD

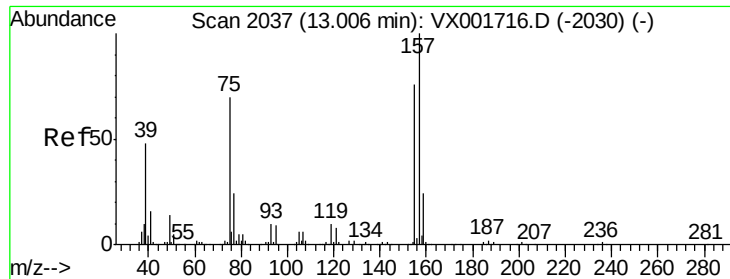
Tgt Ion:117 Resp: 70419
Ion Ratio Lower Upper
117 100
201 102.7 51.9 155.7



#91
1,2-Dichlorobenzene
Concen: 54.88 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001791.D
Acq: 17 May 2018 15:33

Tgt Ion:146 Resp: 298897
Ion Ratio Lower Upper
146 100
111 36.8 18.6 56.0
148 63.7 32.4 97.0

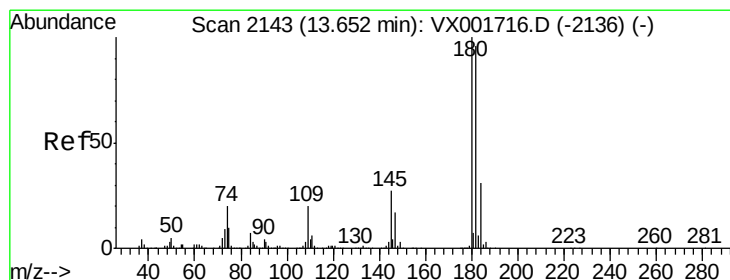
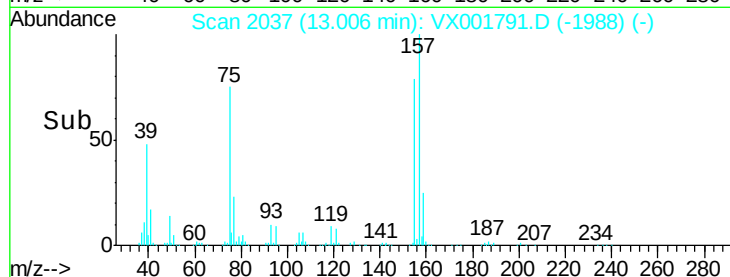
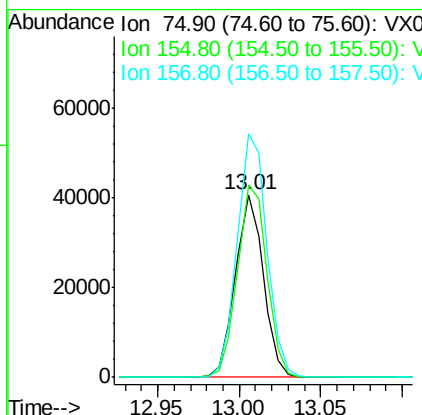
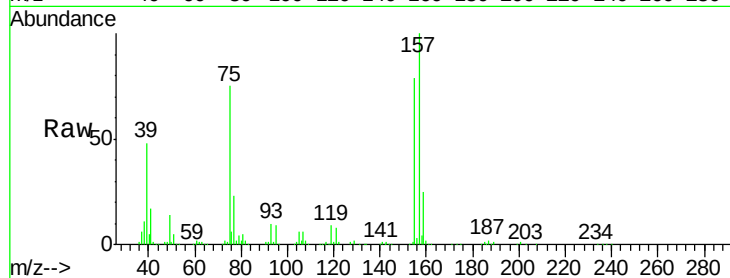




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 75.61 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001791.D
 Acq: 17 May 2018 15:33

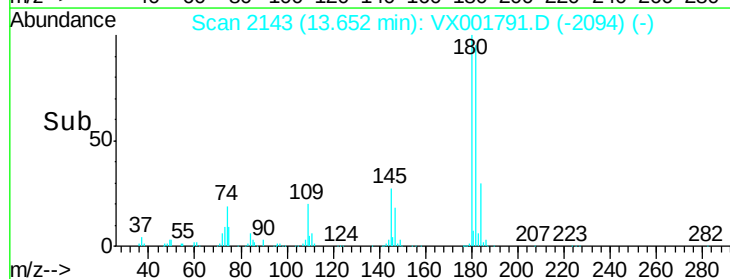
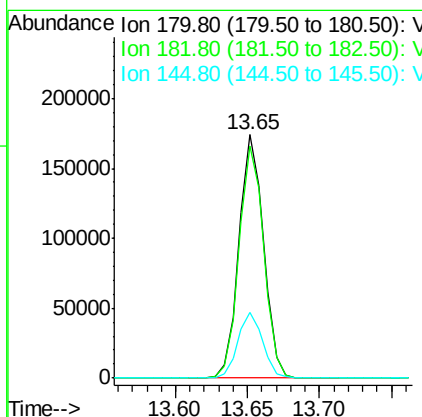
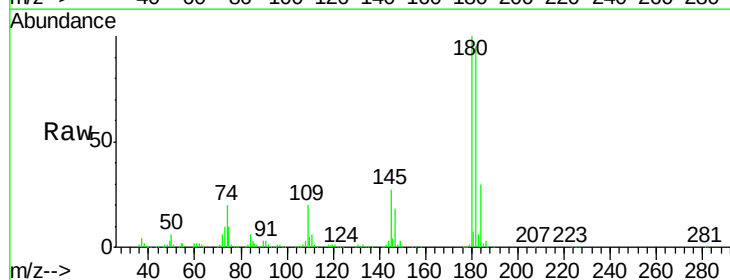
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW157-180508MSD

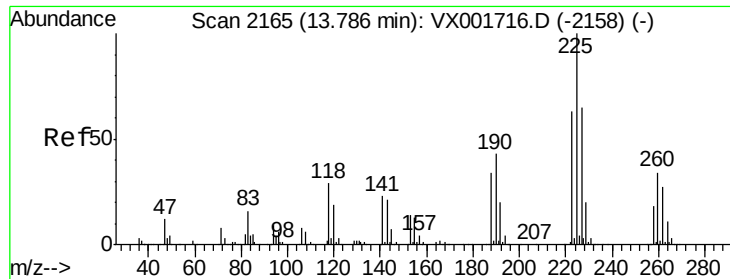
Tgt Ion: 75 Resp: 48694
 Ion Ratio Lower Upper
 75 100
 155 110.7 53.9 161.8
 157 141.1 71.0 213.2



#93
 1,2,4-Trichlorobenzene
 Concen: 47.53 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001791.D
 Acq: 17 May 2018 15:33

Tgt Ion: 180 Resp: 206364
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.6 142.9
 145 27.0 13.4 40.1





#94

Hexachlorobutadiene

Concen: 35.06 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-180508MSD

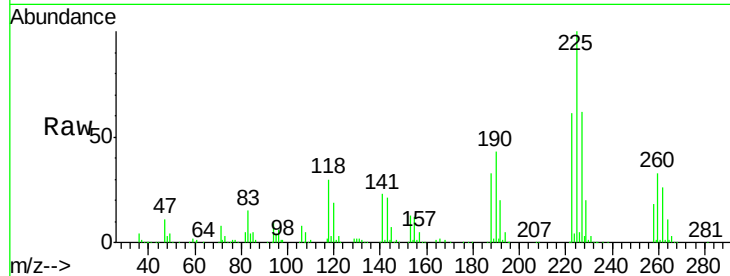
Tgt Ion:225 Resp: 81709

Ion Ratio Lower Upper

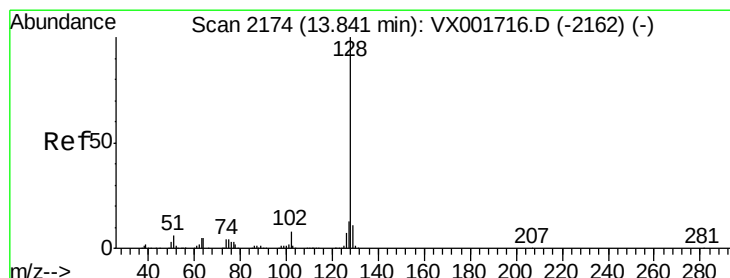
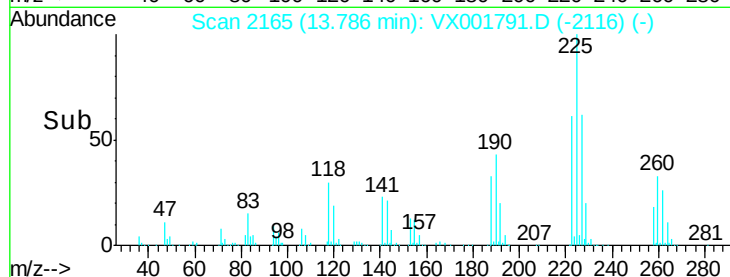
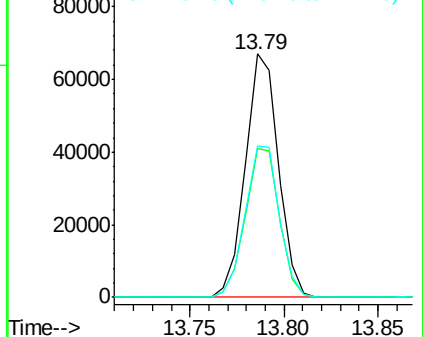
225 100

223 62.8 31.1 93.5

227 64.3 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 65.54 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001791.D

Acq: 17 May 2018 15:33

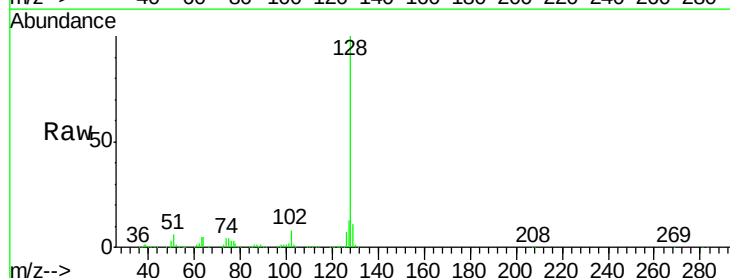
Tgt Ion:128 Resp: 739588

Ion Ratio Lower Upper

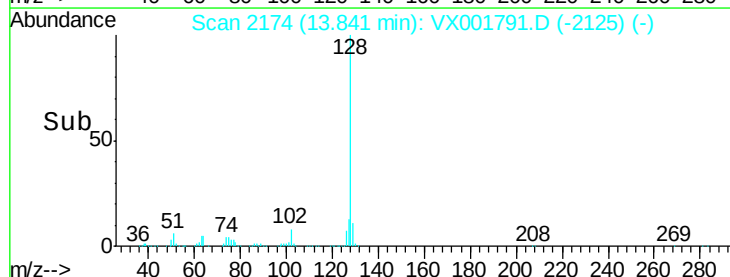
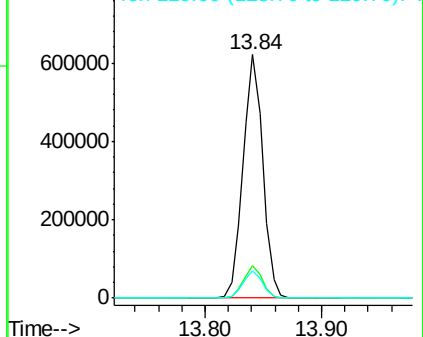
128 100

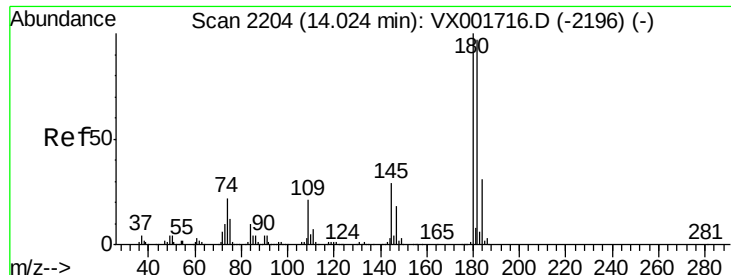
127 12.9 10.2 15.4

129 11.0 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

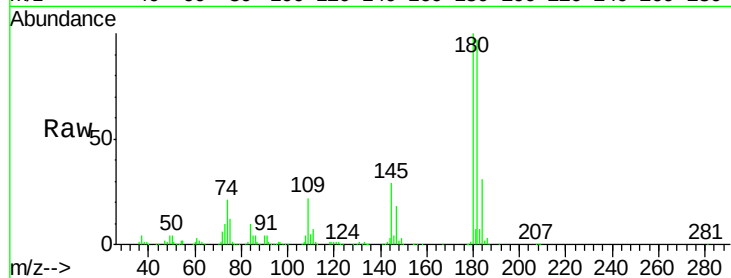




#96
 1,2,3-Trichlorobenzene
 Concen: 53.50 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX001791.D
 Acq: 17 May 2018 15:33

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW157-180508MSD

Tgt Ion	Resp	Lower	Upper
180	233867		
182	95.8	47.9	143.7
145	28.4	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

