

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041919\
 Data File : VX009078.D
 Acq On : 19 Apr 2019 18:15
 Operator : JC/SP
 Sample : K2487-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MS

Quant Time: Apr 20 00:40:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	195163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	332948	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128884	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	151860	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	
35) Dibromofluoromethane	5.50	113	112034	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
50) Toluene-d8	8.71	98	429179	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.13	95	148644	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	115776	51.504	ug/l	100
3) Chloromethane	1.32	50	130212	47.183	ug/l	98
4) Vinyl Chloride	1.41	62	134567	50.099	ug/l	99
5) Bromomethane	1.64	94	58527	35.966	ug/l	99
6) Chloroethane	1.71	64	81477	51.585	ug/l	99
7) Trichlorofluoromethane	1.92	101	160813	51.279	ug/l	99
8) Diethyl Ether	2.19	74	75552	52.679	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	98057	48.904	ug/l	99
10) Methyl Iodide	2.51	142	74375	35.345	ug/l	100
11) Tert butyl alcohol	3.06	59	172264	282.162	ug/l	100
12) 1,1-Dichloroethene	2.37	96	101784	48.633	ug/l	98
13) Acrolein	2.29	56	142102	269.383	ug/l	99
14) Allyl chloride	2.73	41	250574	54.877	ug/l	99
15) Acrylonitrile	3.15	53	445933	287.739	ug/l	100
16) Acetone	2.45	43	392640	275.287	ug/l	99
17) Carbon Disulfide	2.57	76	286281	46.635	ug/l	100
18) Methyl Acetate	2.78	43	196197	55.116	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	413768	55.485	ug/l	98
20) Methylene Chloride	2.85	84	123618	50.681	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	111835	50.098	ug/l	95
22) Diisopropyl ether	3.86	45	496206	55.925	ug/l	90
23) Vinyl Acetate	3.82	43	2068420	265.202	ug/l	99
24) 1,1-Dichloroethane	3.70	63	242464	54.438	ug/l	99
25) 2-Butanone	4.68	43	661822	290.294	ug/l	99
26) 2,2-Dichloropropane	4.59	77	140938	42.215	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	133797	52.790	ug/l	99
28) Bromochloromethane	5.02	49	109456	59.534	ug/l	97
29) Tetrahydrofuran	5.13	42	443616	290.717	ug/l	99
30) Chloroform	5.21	83	219157	54.987	ug/l	99
31) Cyclohexane	5.58	56	227081	51.837	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	178473	54.029	ug/l	99
36) 1,1-Dichloropropene	5.80	75	163340	47.436	ug/l	99
37) Ethyl Acetate	4.84	43	234196	52.855	ug/l	99
38) Carbon Tetrachloride	5.79	117	146265	50.104	ug/l	97

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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)
39) Methylcyclohexane	7.46	83	191776	45.743	ug/l	98
40) Benzene	6.15	78	513638	50.563	ug/l	99
41) Methacrylonitrile	5.05	41	144124	56.675	ug/l	99
42) 1,2-Dichloroethane	6.20	62	185774	51.626	ug/l	99
43) Isopropyl Acetate	6.45	43	373978	52.375	ug/l	99
44) Trichloroethene	7.21	130	117206	47.090	ug/l	96
45) 1,2-Dichloropropane	7.51	63	146962	52.148	ug/l	98
46) Dibromomethane	7.66	93	84833	51.724	ug/l	98
47) Bromodichloromethane	7.90	83	167832	52.173	ug/l	99
48) Methyl methacrylate	7.77	41	192578	54.584	ug/l	99
49) 1,4-Dioxane	7.74	88	62270	942.976	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1261936	277.412	ug/l	99
52) Toluene	8.79	92	298781	49.077	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	187598	50.673	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	206136	49.727	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	125967	52.206	ug/l	99
56) Ethyl methacrylate	9.18	69	226912	52.447	ug/l	99
57) 1,3-Dichloropropane	9.37	76	223237	51.963	ug/l	99
59) 2-Hexanone	9.49	43	957862	273.117	ug/l	99
60) Dibromochloromethane	9.59	129	122305	52.888	ug/l	100
61) 1,2-Dibromoethane	9.67	107	128557	51.623	ug/l	98
64) Tetrachloroethene	9.34	164	98864	45.840	ug/l	99
65) Chlorobenzene	10.14	112	297486	49.644	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	113673	53.847	ug/l	99
67) Ethyl Benzene	10.25	91	555311	50.693	ug/l	99
68) m/p-Xylenes	10.36	106	395638	99.380	ug/l	98
69) o-Xylene	10.70	106	194979	50.335	ug/l	99
70) Stvrene	10.71	104	331944	49.450	ug/l	99
71) Bromoform	10.85	173	89817	53.404	ug/l #	98
73) Isopropylbenzene	11.02	105	520449	53.274	ug/l	99
74) N-amyl acetate	10.90	43	299915	53.468	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	200839	56.266	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	231992	73.716	ug/l	80
77) Bromobenzene	11.26	156	125272	50.823	ug/l	98
78) n-propylbenzene	11.36	91	589544	52.577	ug/l	100
79) 2-Chlorotoluene	11.42	91	348906	51.637	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	433858	52.923	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	63023	51.412	ug/l	96
82) 4-Chlorotoluene	11.51	91	397457	50.649	ug/l	100
83) tert-Butylbenzene	11.77	119	430005	54.633	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	433051	51.894	ug/l	99
85) sec-Butylbenzene	11.94	105	490806	52.285	ug/l	100
86) p-Isopropyltoluene	12.06	119	443754	51.417	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	211472	49.019	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	211766	48.424	ug/l	100
89) n-Butylbenzene	12.38	91	397956	49.512	ug/l	99
90) Hexachloroethane	12.60	117	75564	53.079	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	217300	51.010	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46292	56.960	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	141370	45.972	ug/l	98

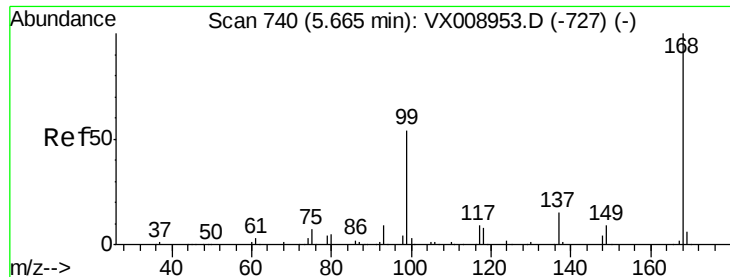
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	70422	45.915	ug/l	99
95) Naphthalene	13.83	128	498311	50.579	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	146862	48.403	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

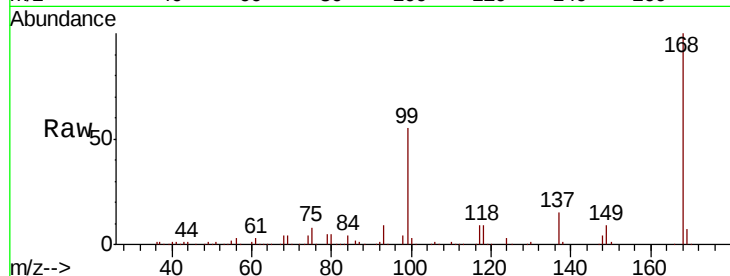
GMW-7MS

Tot Ion:168 Resp: 195163

Ion Ratio Lower Upper

168 100

99 54.8 43.0 64.6



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

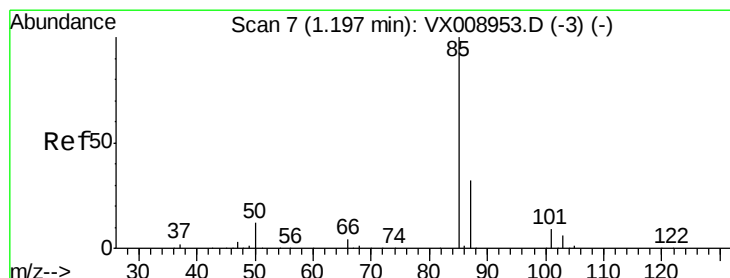
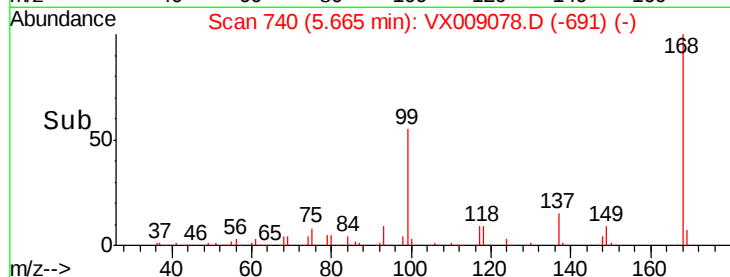
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 51.504 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009078.D

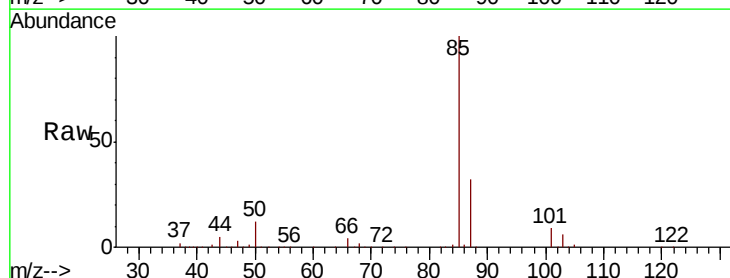
Acq: 19 Apr 2019 18:15

Tgt Ion: 85 Resp: 115776

Ion Ratio Lower Upper

85 100

87 31.7 16.0 47.9



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

40000

20000

0

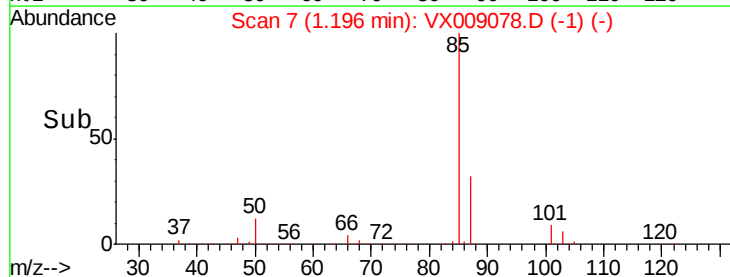
Time-->

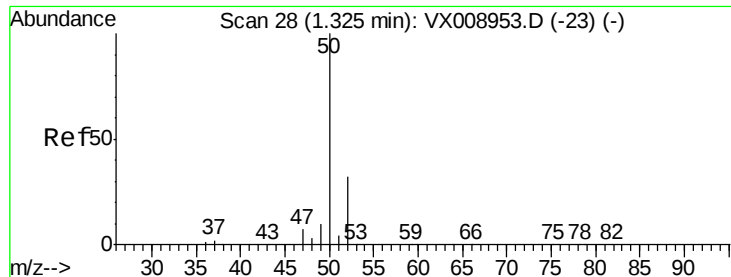
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 47.183 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

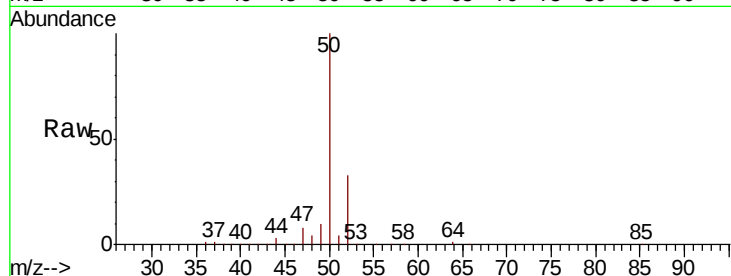
GMW-7MS

Tot Ion: 50 Resp: 130212

Ion Ratio Lower Upper

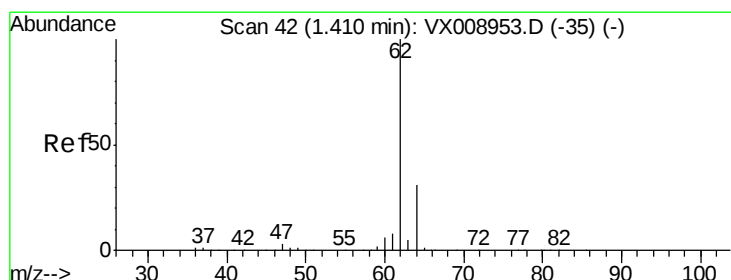
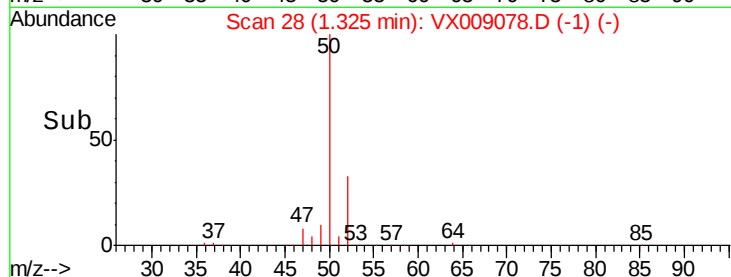
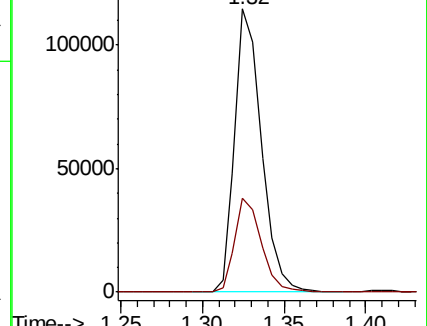
50 100

52 33.1 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.099 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009078.D

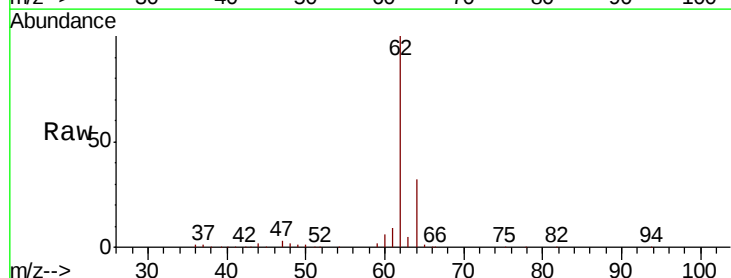
Acq: 19 Apr 2019 18:15

Tgt Ion: 62 Resp: 134567

Ion Ratio Lower Upper

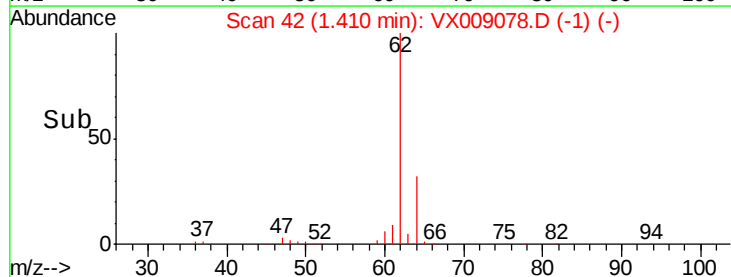
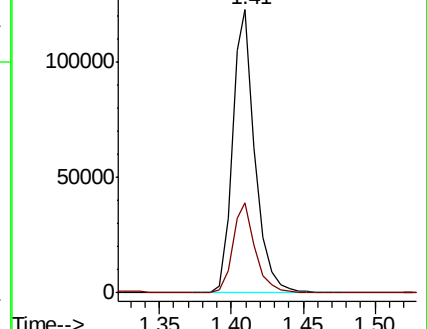
62 100

64 31.6 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 35.966 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

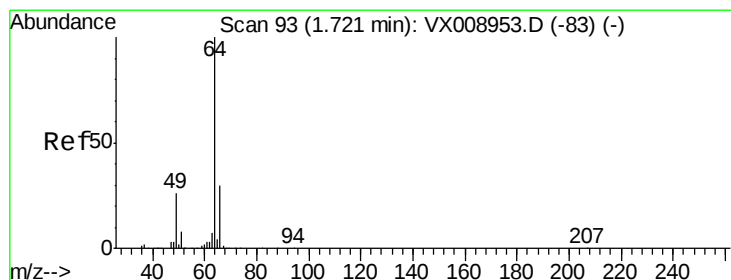
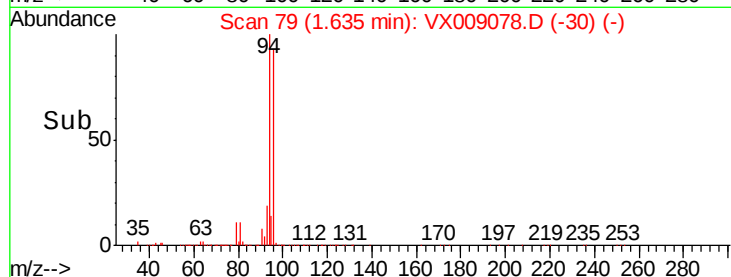
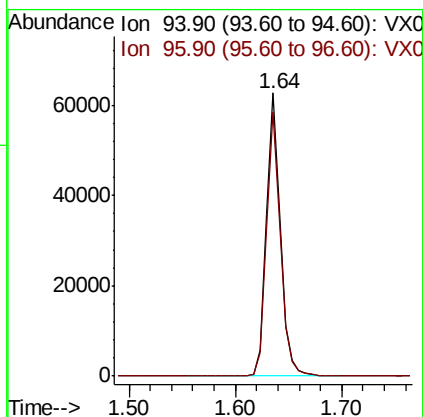
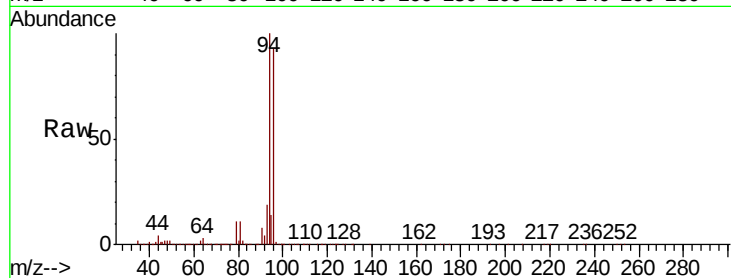
GMW-7MS

Tot Ion: 94 Resp: 58527

Ion Ratio Lower Upper

94 100

96 93.5 73.9 110.9



#6

Chloroethane

Concen: 51.585 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX009078.D

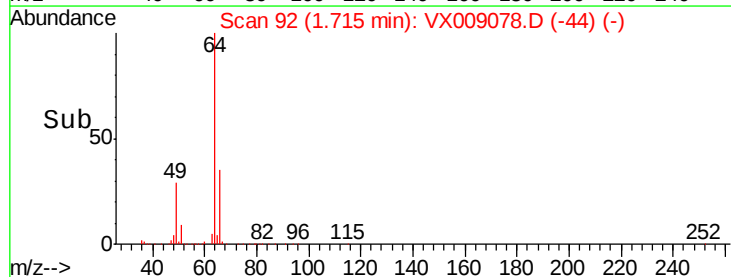
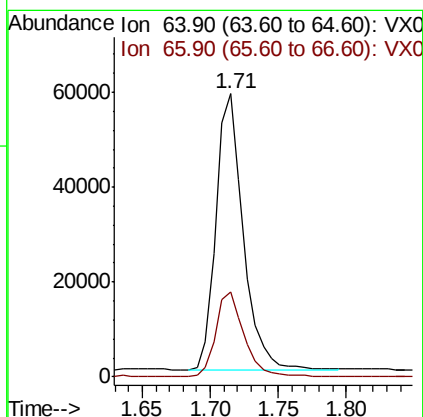
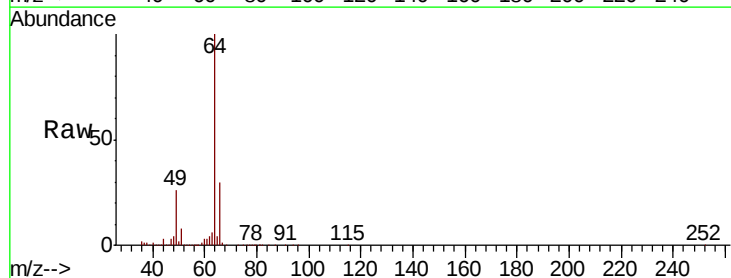
Acq: 19 Apr 2019 18:15

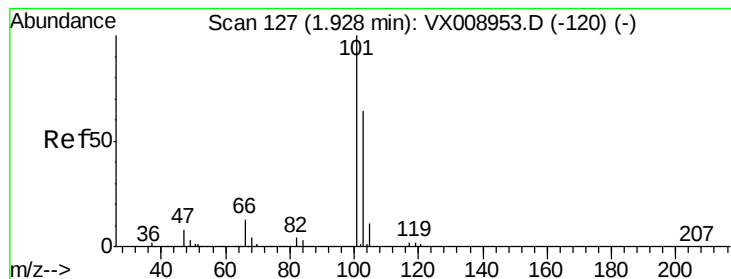
Tgt Ion: 64 Resp: 81477

Ion Ratio Lower Upper

64 100

66 30.7 24.2 36.2





#7

Trichlorofluoromethane

Concen: 51.279 ug/l

RT: 1.92 min Scan# 126

Delta R.T. -0.01 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

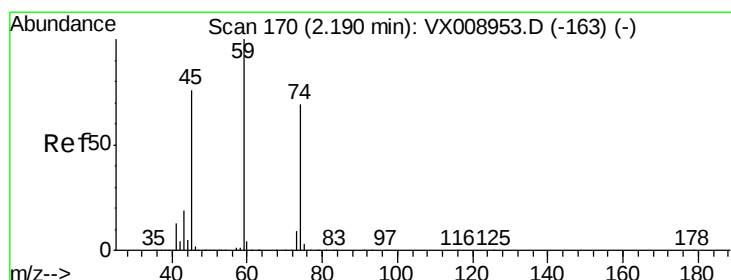
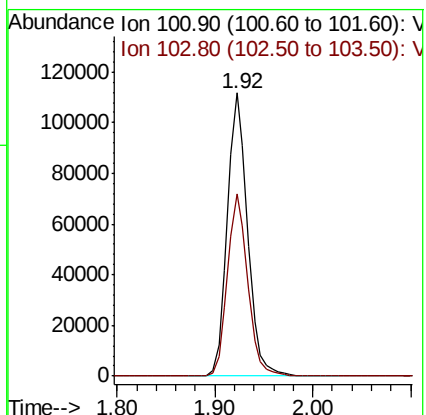
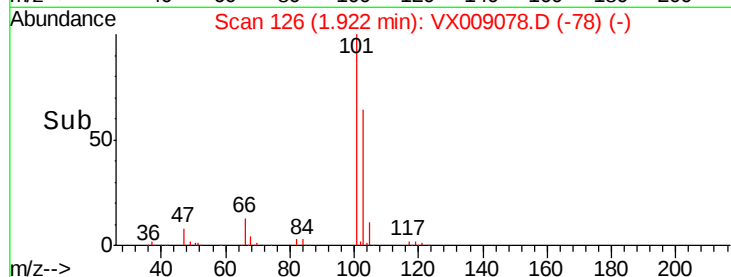
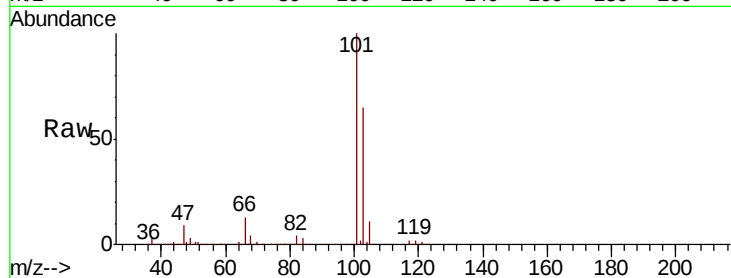
GMW-7MS

Tot Ion:101 Resp: 160813

Ion Ratio Lower Upper

101 100

103 64.5 51.0 76.6



#8

Diethyl Ether

Concen: 52.679 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX009078.D

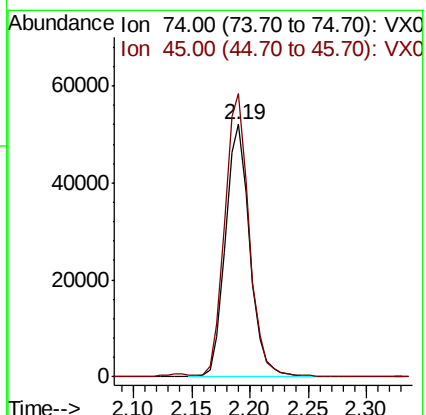
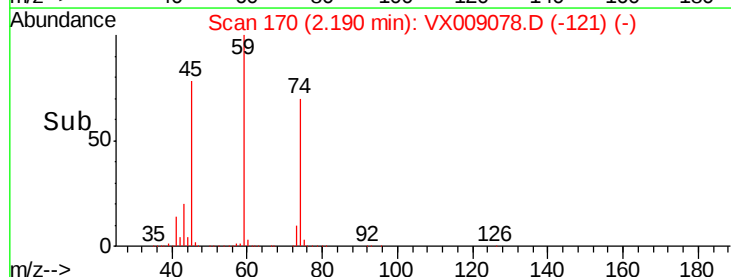
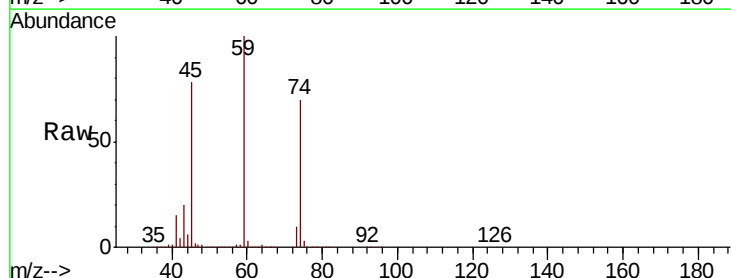
Acq: 19 Apr 2019 18:15

Tgt Ion: 74 Resp: 75552

Ion Ratio Lower Upper

74 100

45 111.4 54.9 164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.904 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MS

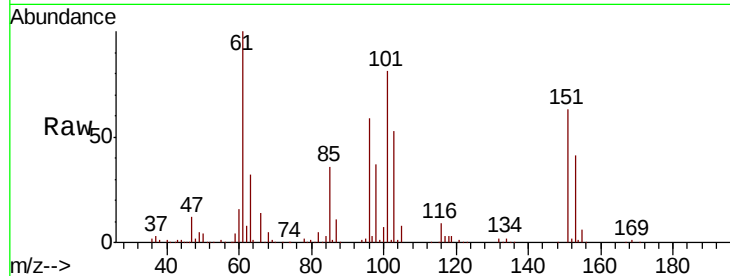
Tot Ion:101 Resp: 98057

Ion Ratio Lower Upper

101 100

85 44.5 35.7 53.5

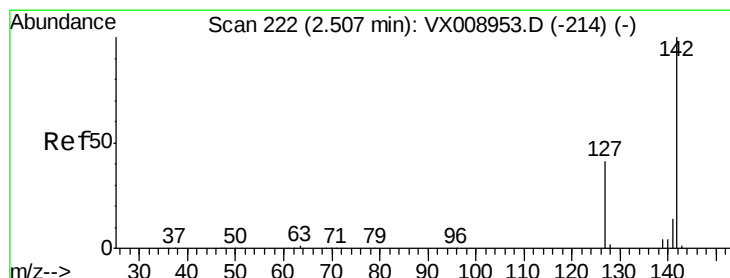
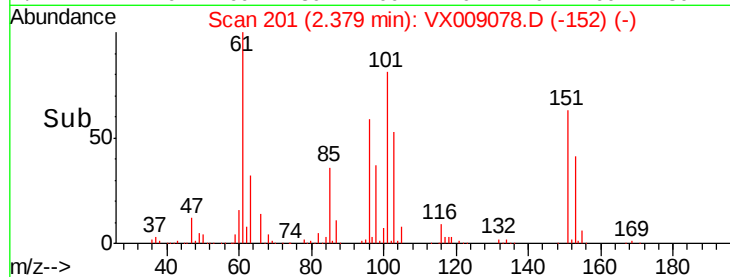
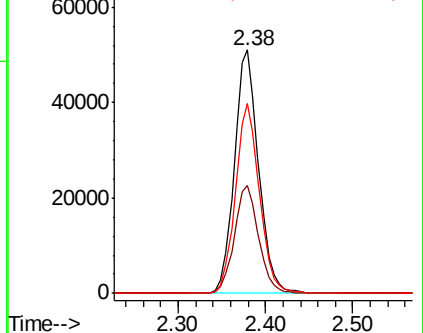
151 77.7 62.7 94.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 35.345 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

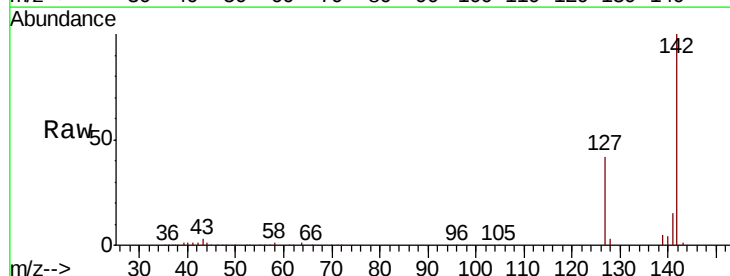
Tgt Ion:142 Resp: 74375

Ion Ratio Lower Upper

142 100

127 41.2 32.8 49.2

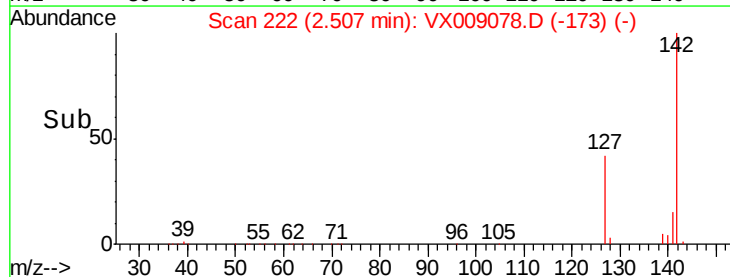
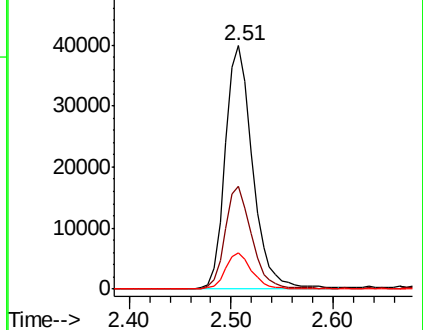
141 14.6 11.4 17.2

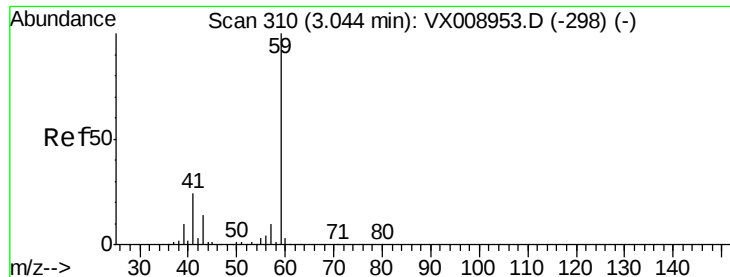


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



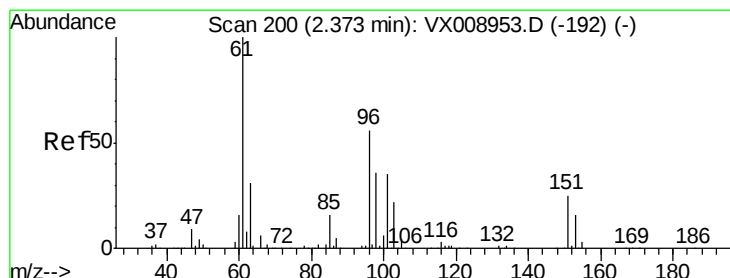
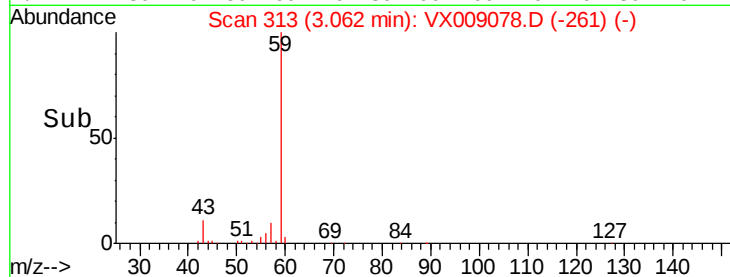
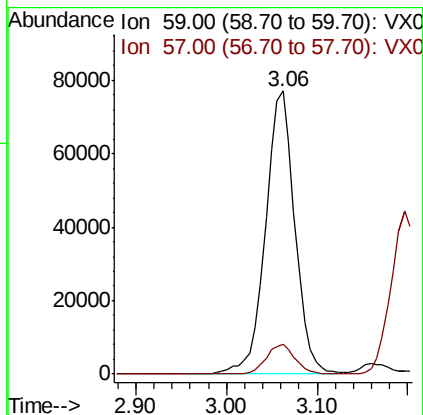
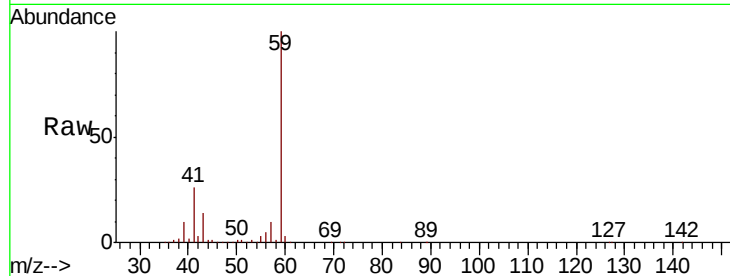


#11

Tert butyl alcohol
Concen: 282.162 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.02 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Instrument :
MSVOA_X
ClientSampleId :
GMW-7MS

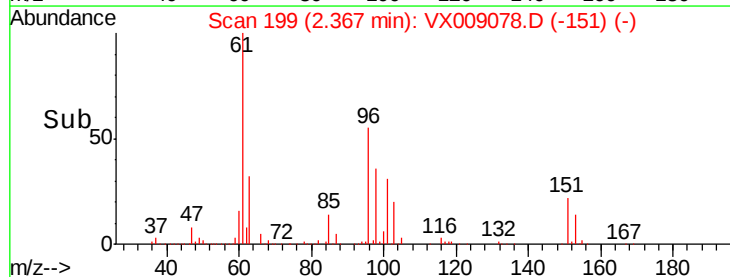
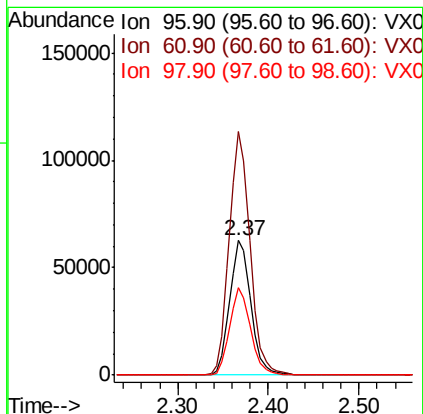
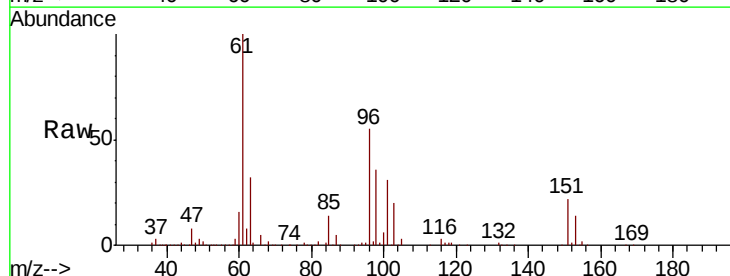
Tot Ion: 59 Resp: 172264
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6

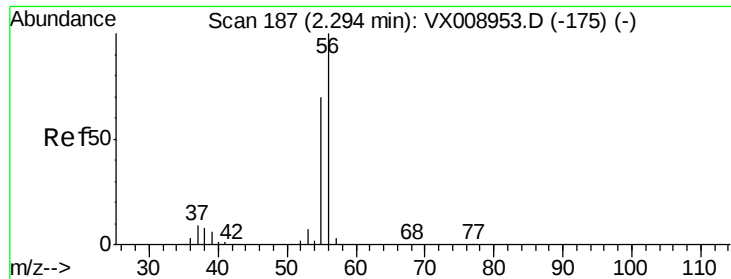


#12

1,1-Dichloroethene
Concen: 48.633 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Tgt Ion: 96 Resp: 101784
Ion Ratio Lower Upper
96 100
61 180.6 142.2 213.2
98 65.3 50.9 76.3





#13

Acrolein

Concen: 269.383 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

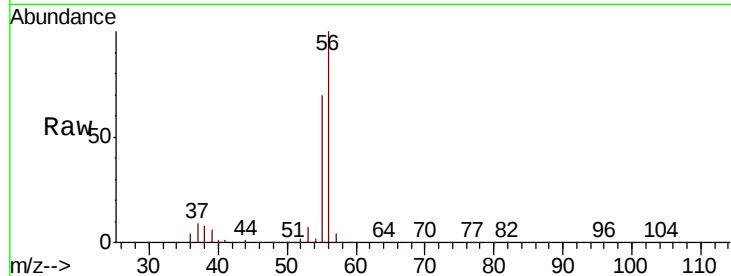
GMW-7MS

Tot Ion: 56 Resp: 142102

Ion Ratio Lower Upper

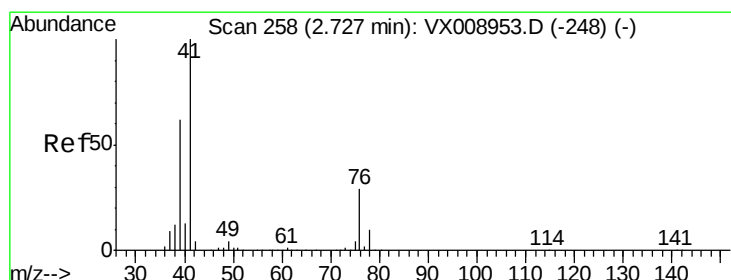
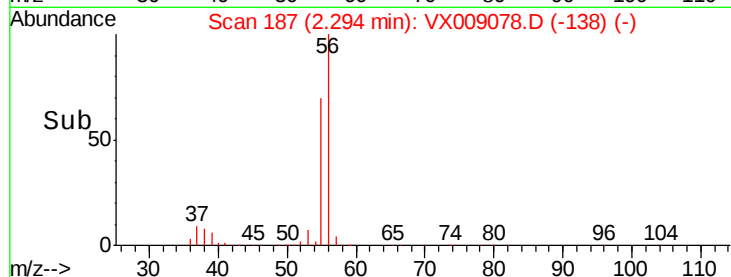
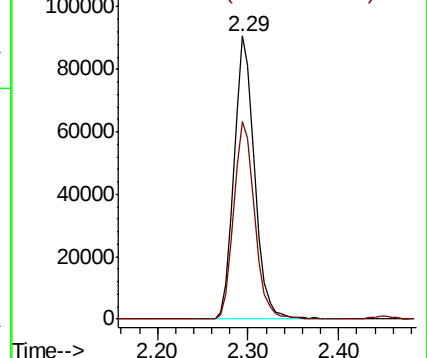
56 100

55 71.4 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 54.877 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

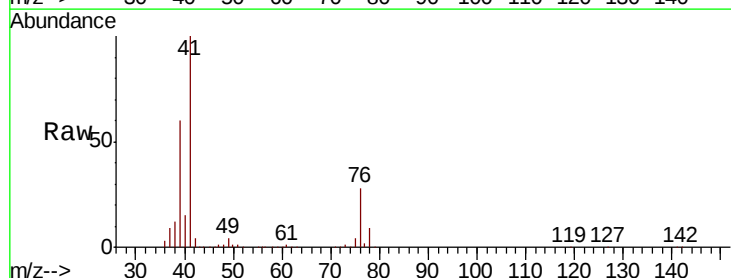
Tgt Ion: 41 Resp: 250574

Ion Ratio Lower Upper

41 100

39 58.2 46.7 70.1

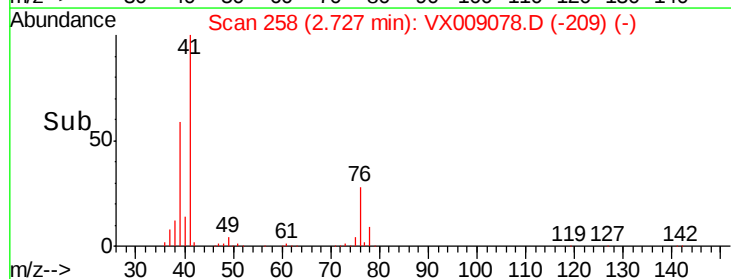
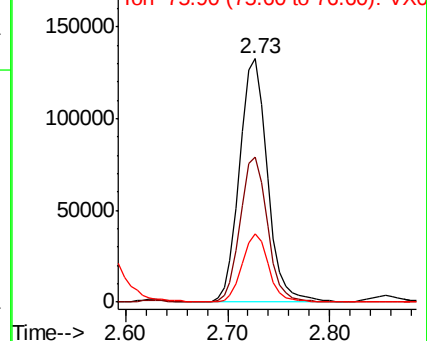
76 26.6 22.0 33.0

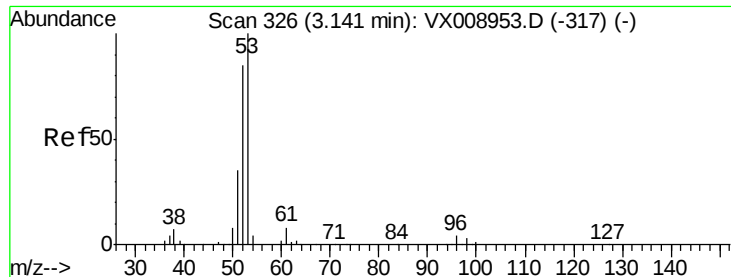


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 287.739 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleID :

GMW-7MS

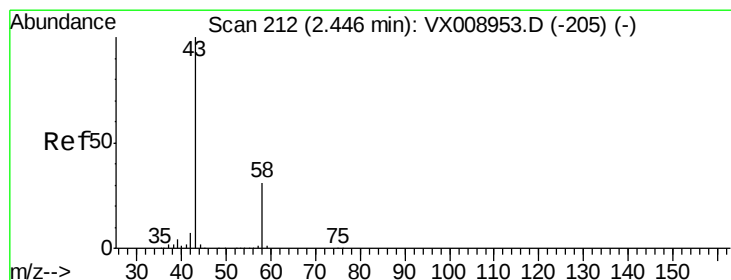
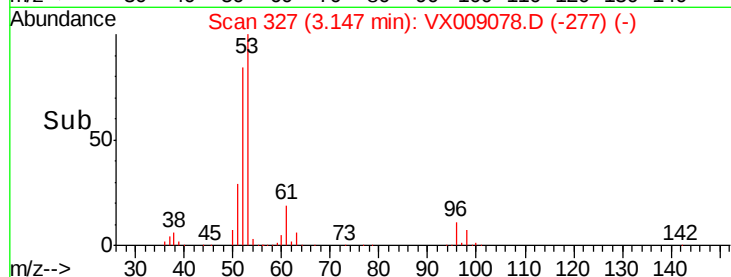
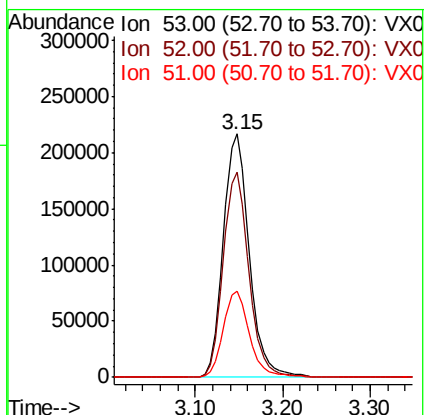
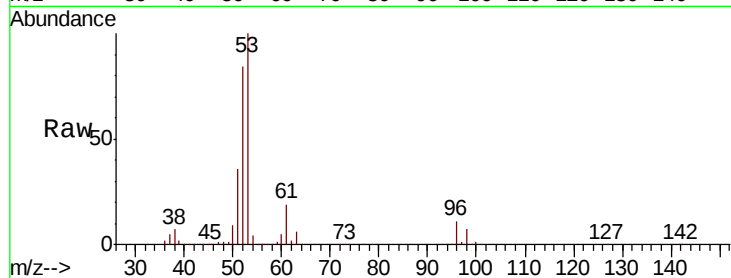
Tot Ion: 53 Resp: 445933

Ion Ratio Lower Upper

53 100

52 83.6 66.6 100.0

51 35.7 28.3 42.5



#16

Acetone

Concen: 275.287 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009078.D

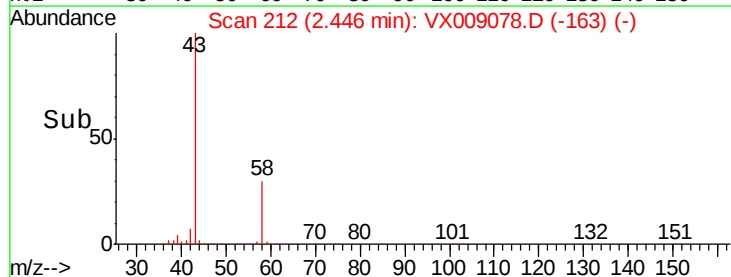
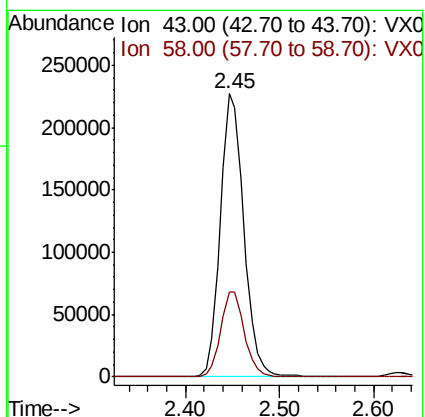
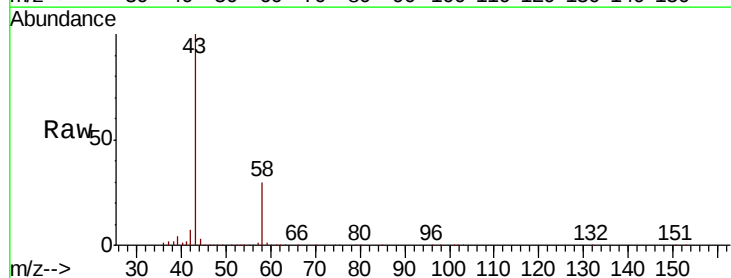
Acq: 19 Apr 2019 18:15

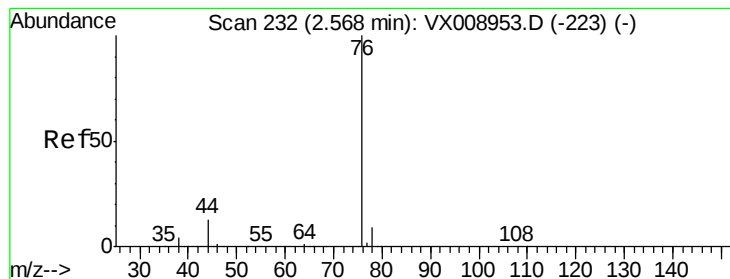
Tgt Ion: 43 Resp: 392640

Ion Ratio Lower Upper

43 100

58 30.2 24.8 37.2





#17

Carbon Disulfide

Concen: 46.635 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

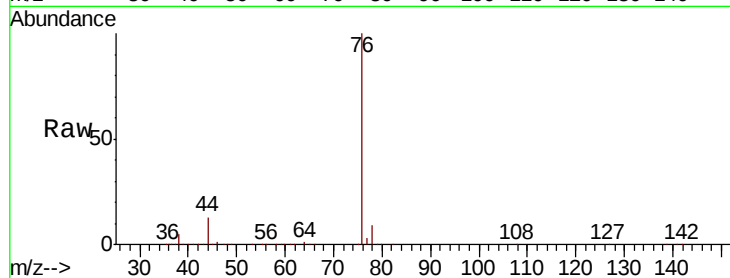
GMW-7MS

Tot Ion: 76 Resp: 286281

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

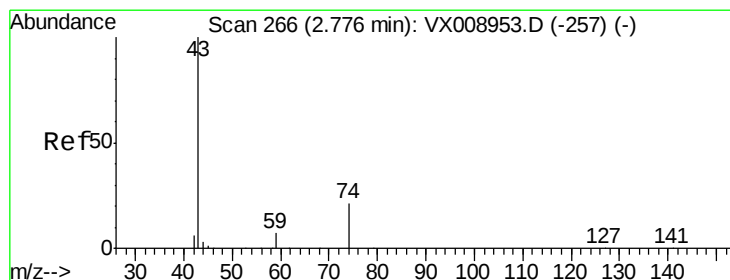
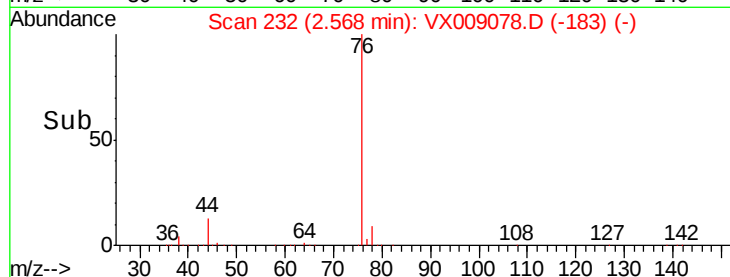
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 55.116 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX009078.D

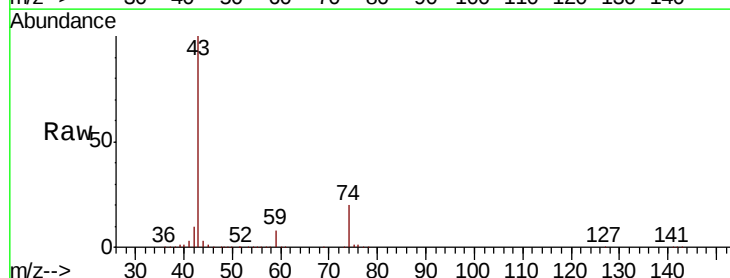
Acq: 19 Apr 2019 18:15

Tgt Ion: 43 Resp: 196197

Ion Ratio Lower Upper

43 100

74 19.6 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

120000

100000

80000

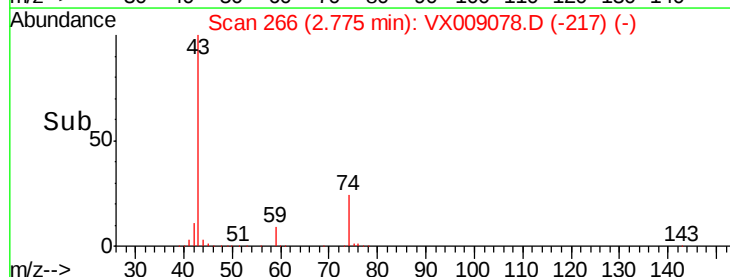
60000

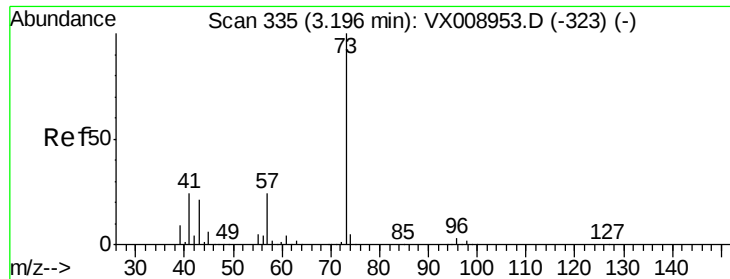
40000

20000

0

Time-->

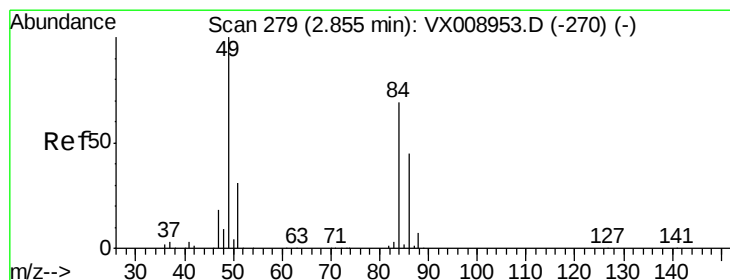
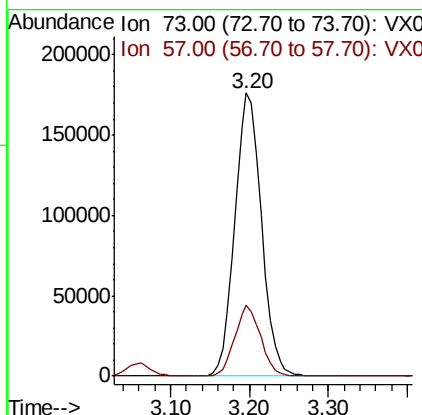
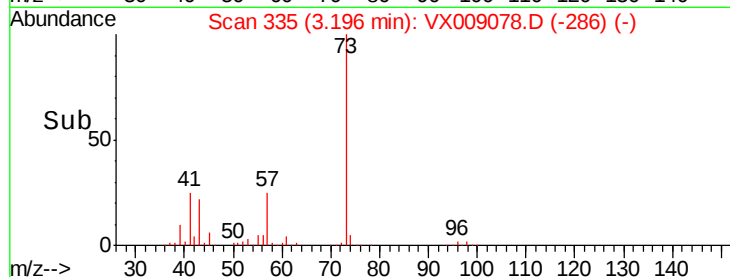
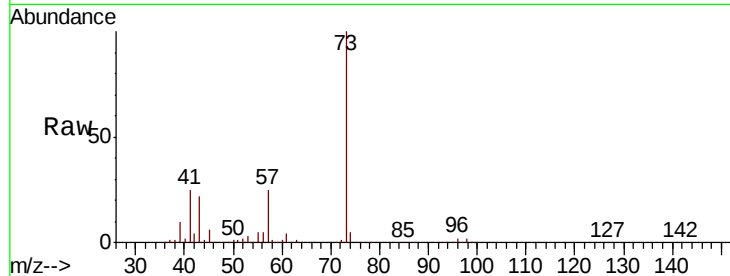




#19
Methvl tert-butvl Ether
Concen: 55.485 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

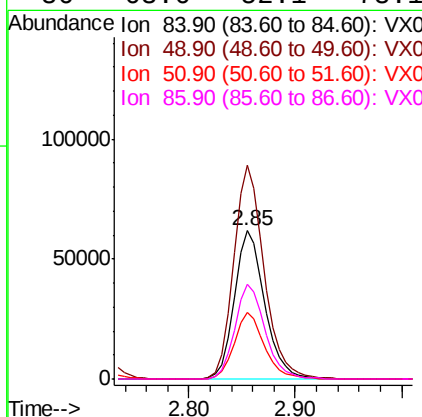
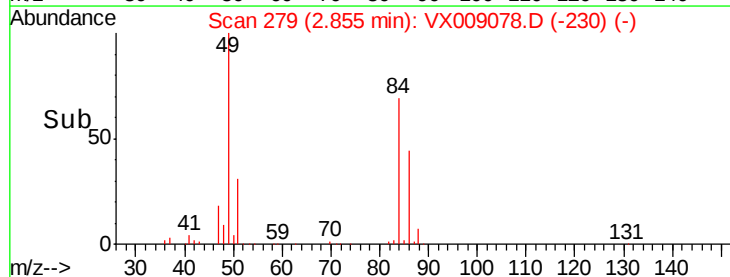
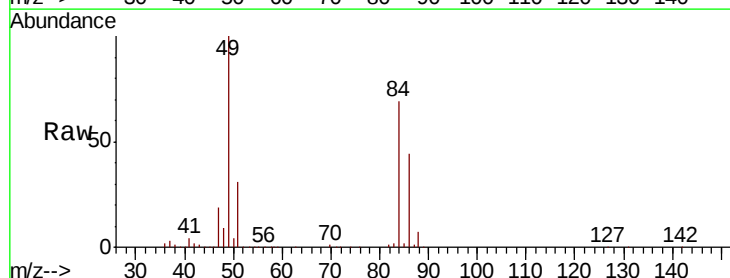
Instrument :
MSVOA_X
ClientSampleId :
GMW-7MS

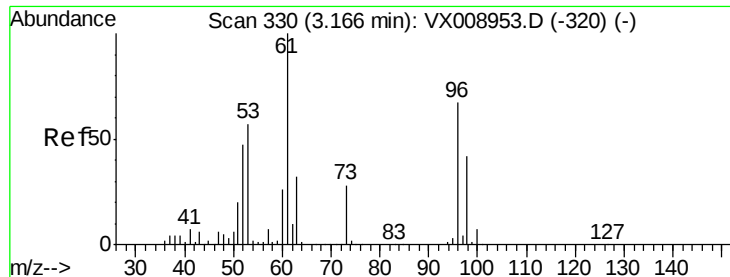
Tot Ion: 73 Resp: 413768
Ion Ratio Lower Upper
73 100
57 25.1 19.2 28.8



#20
Methylene Chloride
Concen: 50.681 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Tgt Ion: 84 Resp: 123618
Ion Ratio Lower Upper
84 100
49 144.2 115.4 173.0
51 45.3 35.8 53.6
86 63.6 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 50.098 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MS

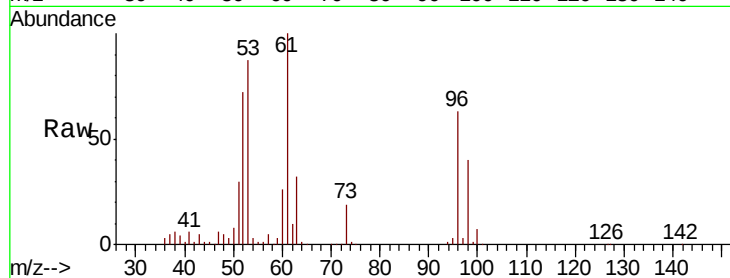
Tot Ion: 96 Resp: 111835

Ion Ratio Lower Upper

96 100

61 159.1 120.3 180.5

98 62.9 50.2 75.2

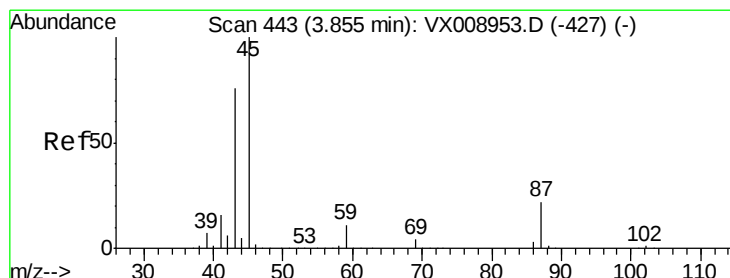
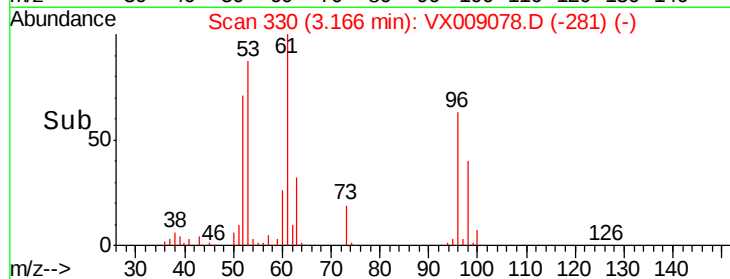
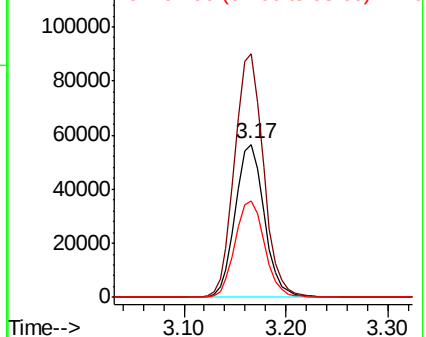


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 55.925 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Tgt Ion: 45 Resp: 496206

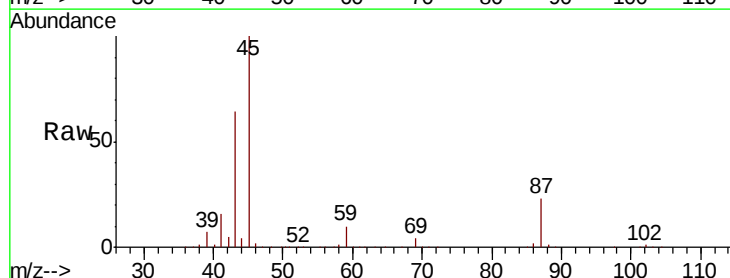
Ion Ratio Lower Upper

45 100

43 63.6 60.6 91.0

87 22.6 17.8 26.8

59 10.3 8.7 13.1



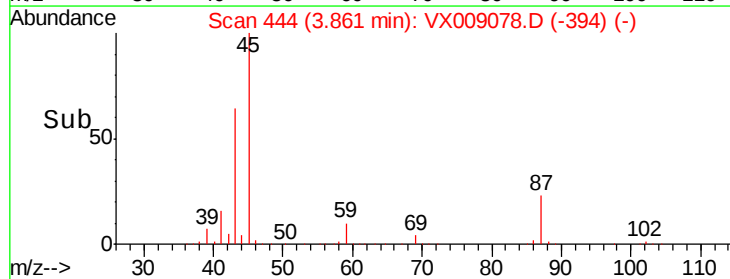
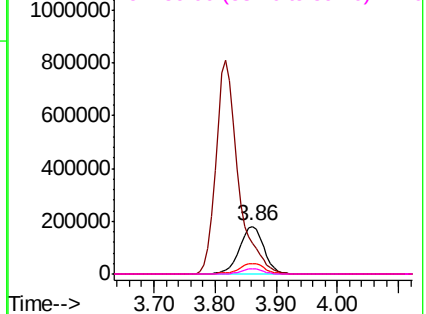
Abundance

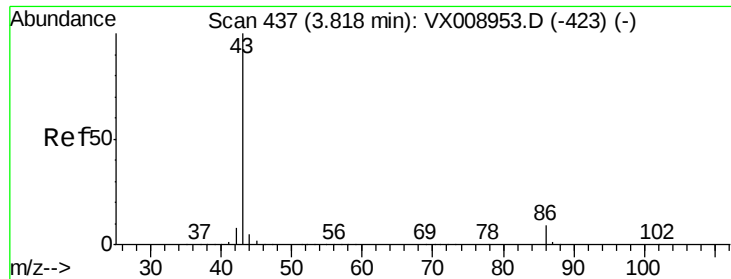
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 265.202 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

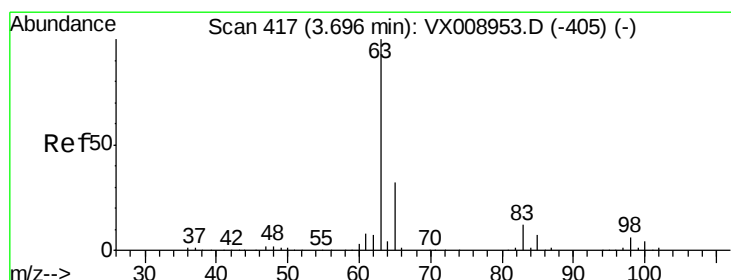
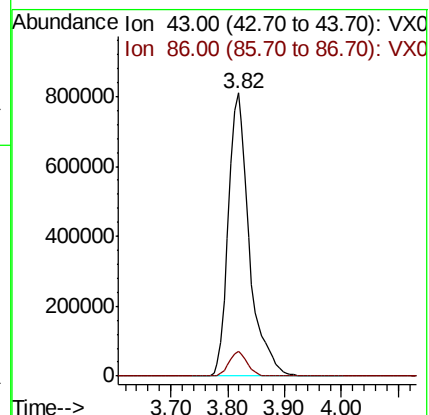
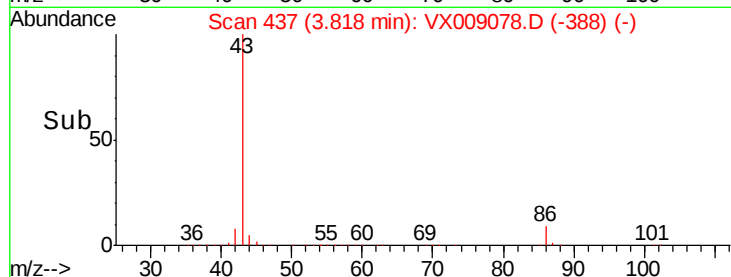
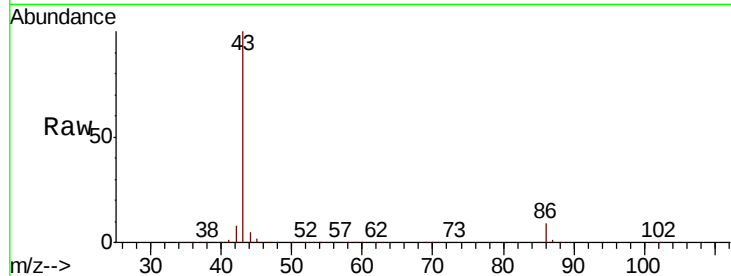
GMW-7MS

Tot Ion: 43 Resp: 2068420

Ion Ratio Lower Upper

43 100

86 8.6 7.1 10.7



#24

1,1-Dichloroethane

Concen: 54.438 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

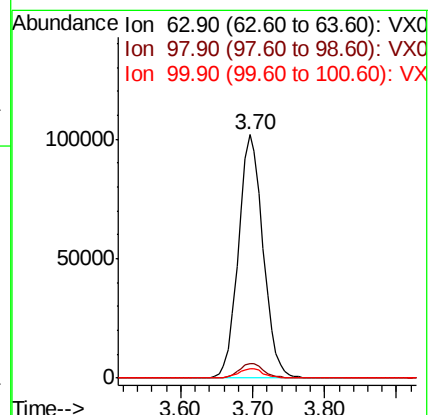
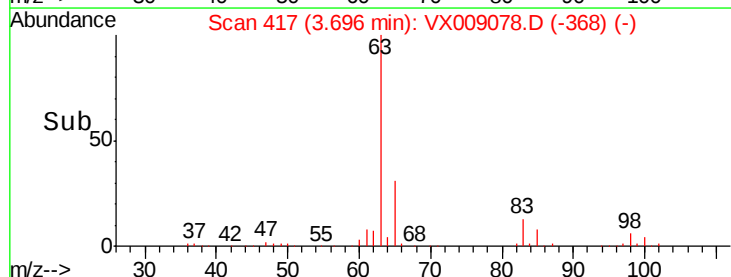
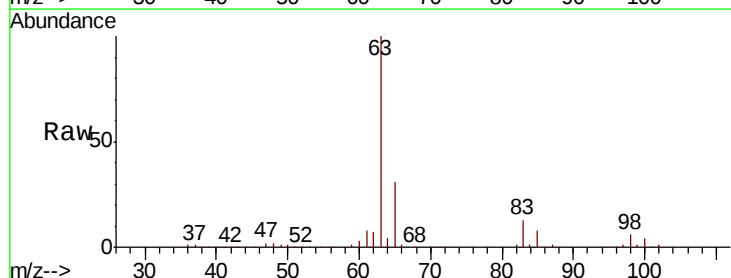
Tgt Ion: 63 Resp: 242464

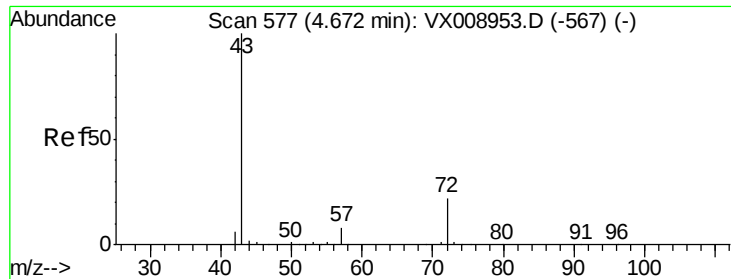
Ion Ratio Lower Upper

63 100

98 5.7 3.1 9.3

100 4.0 1.9 5.7





#25

2-Butanone

Concen: 290.294 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampled :

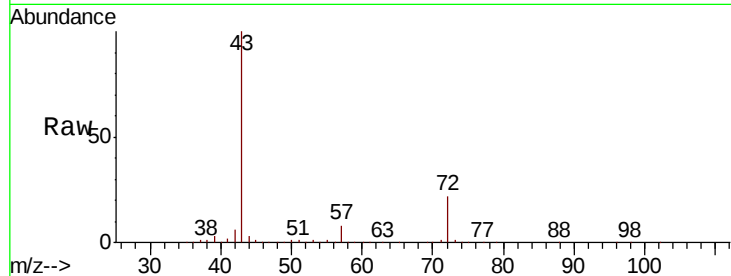
GMW-7MS

Tot Ion: 43 Resp: 661822

Ion Ratio Lower Upper

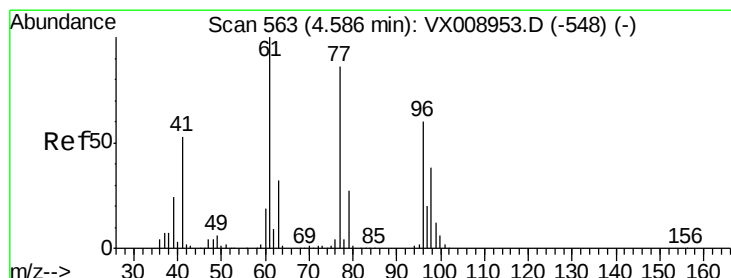
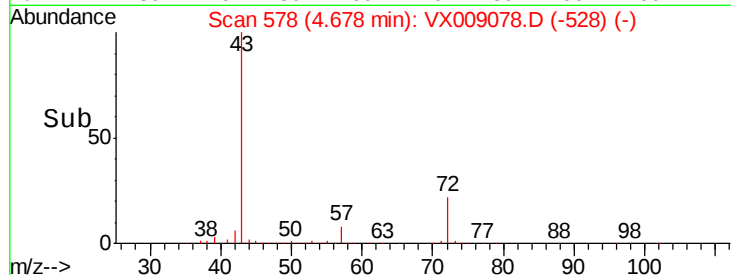
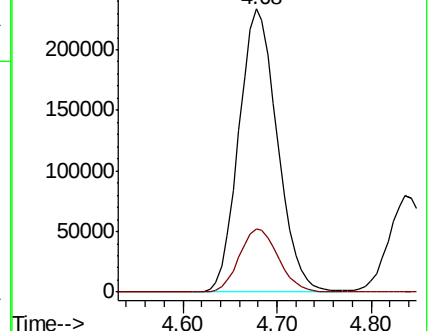
43 100

72 22.2 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 42.215 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX009078.D

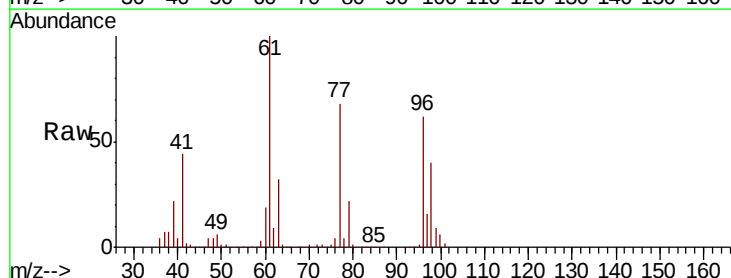
Acq: 19 Apr 2019 18:15

Tgt Ion: 77 Resp: 140938

Ion Ratio Lower Upper

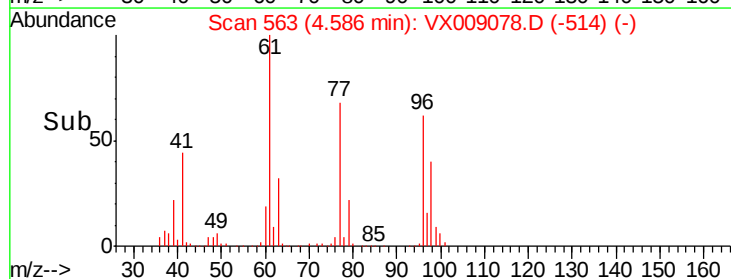
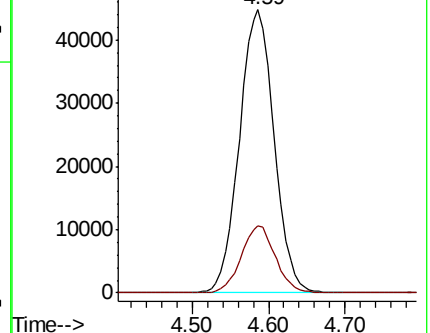
77 100

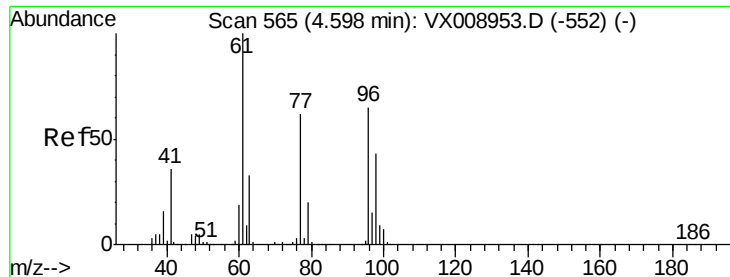
97 23.3 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



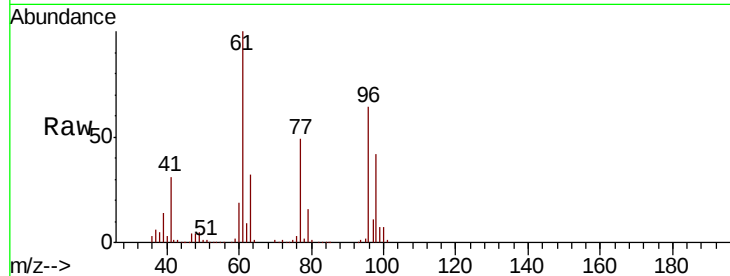


#27

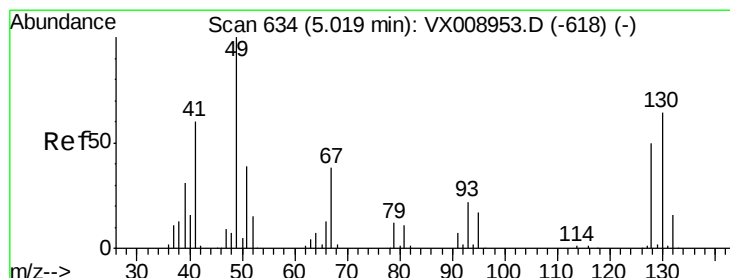
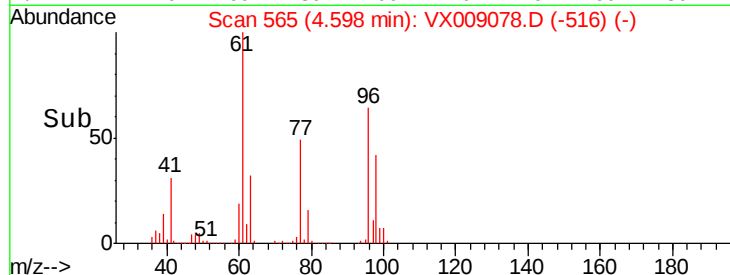
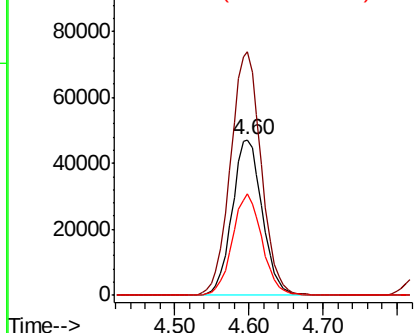
cis-1,2-Dichloroethene
Concen: 52.790 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Instrument :
MSVOA_X
ClientSampleID :
GMW-7MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	159.6	0.0	322.0
98	64.1	0.0	128.4



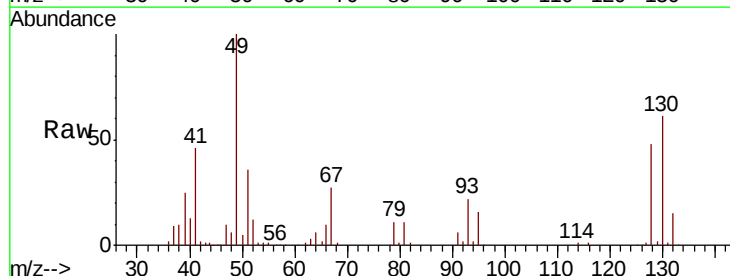
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



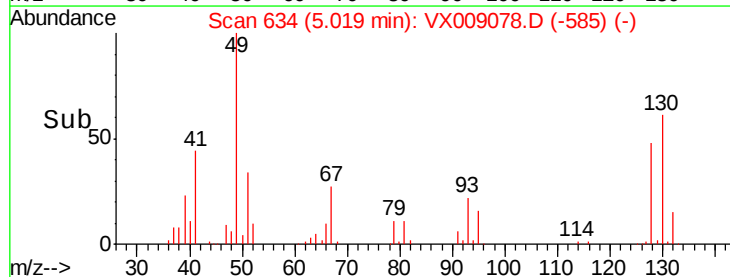
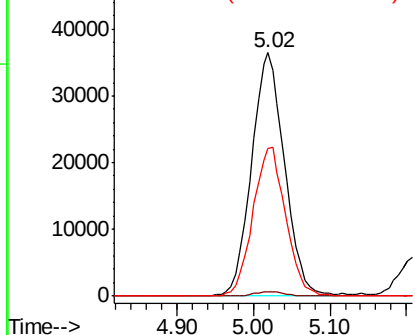
#28

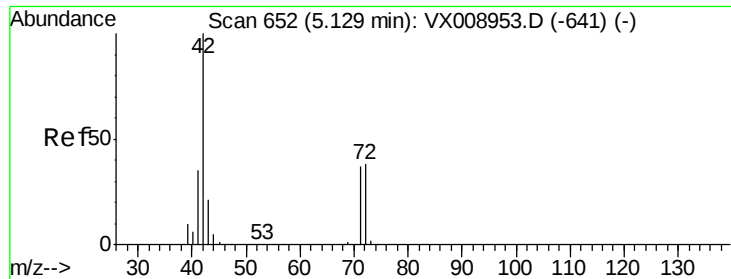
Bromochloromethane
Concen: 59.534 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.6
130	60.6	50.4	75.6



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: 290.717 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MS

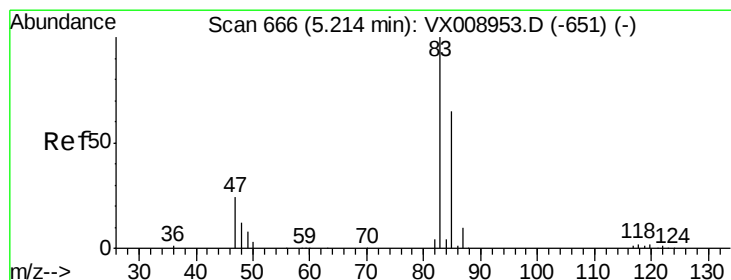
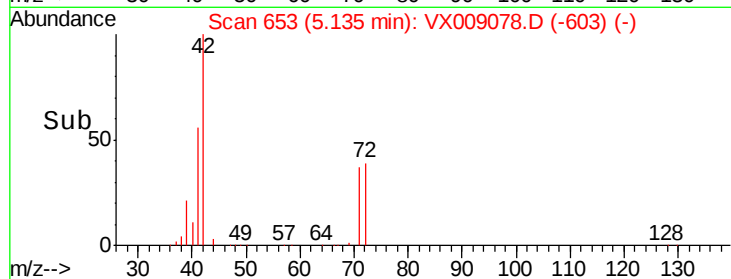
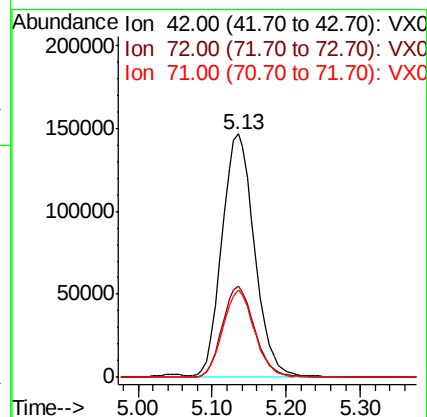
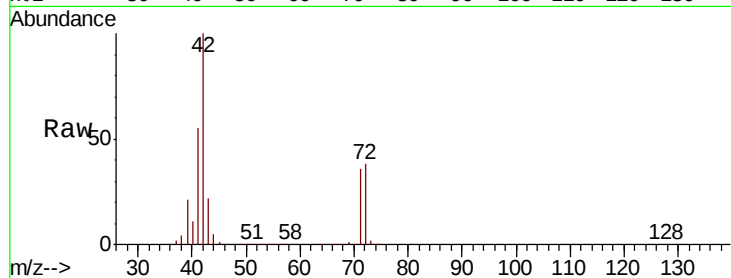
Tot Ion: 42 Resp: 443616

Ion Ratio Lower Upper

42 100

72 37.7 30.6 45.8

71 35.1 28.8 43.2



#30

Chloroform

Concen: 54.987 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX009078.D

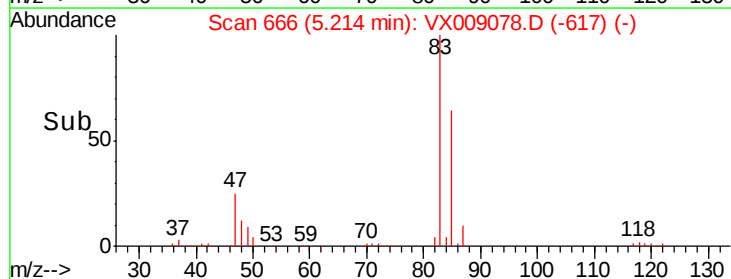
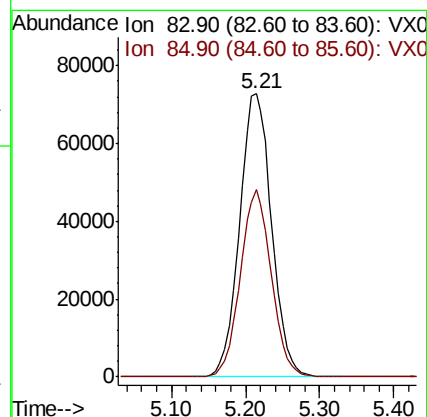
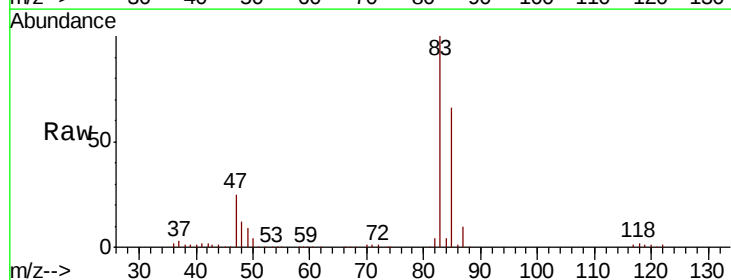
Acq: 19 Apr 2019 18:15

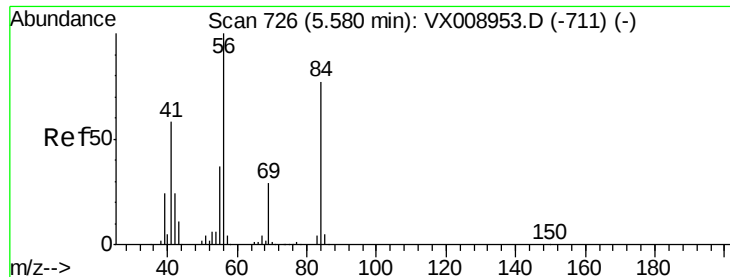
Tgt Ion: 83 Resp: 219157

Ion Ratio Lower Upper

83 100

85 65.9 51.9 77.9





#31

Cyclohexane

Concen: 51.837 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MS

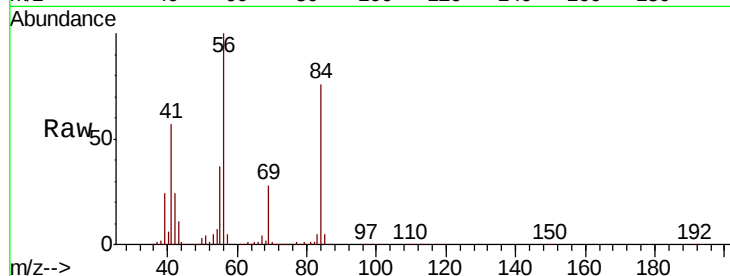
Tot Ion: 56 Resp: 227081

Ion Ratio Lower Upper

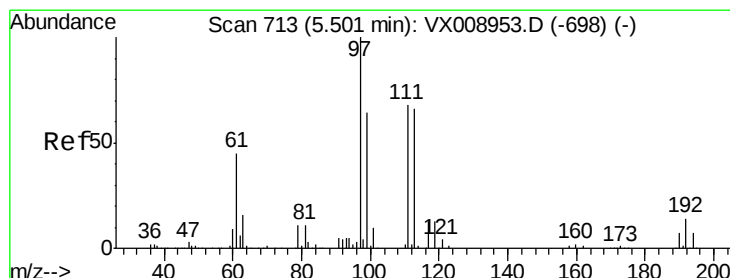
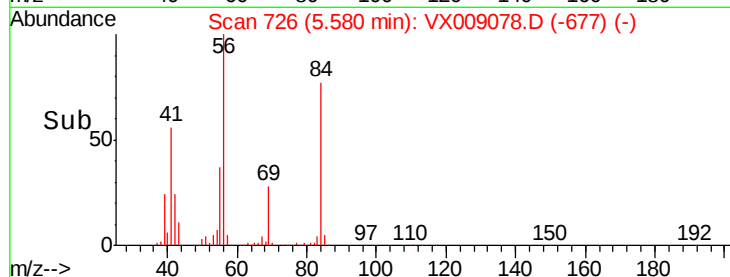
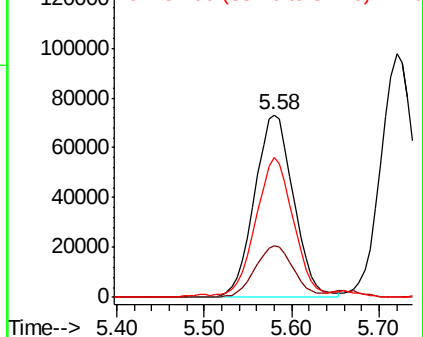
56 100

69 28.3 23.3 34.9

84 75.5 61.7 92.5



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: 54.029 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

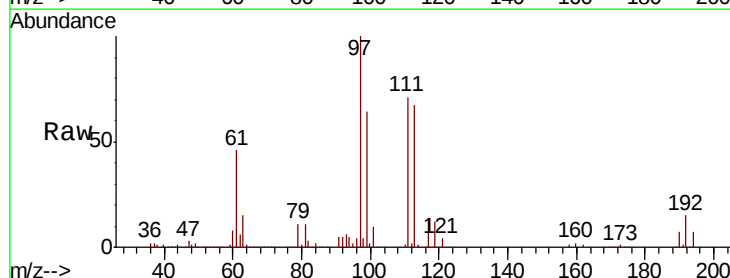
Tgt Ion: 97 Resp: 178473

Ion Ratio Lower Upper

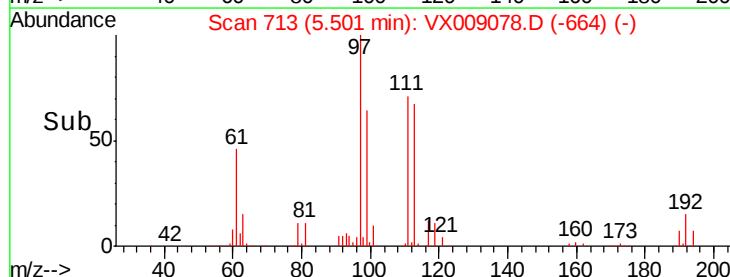
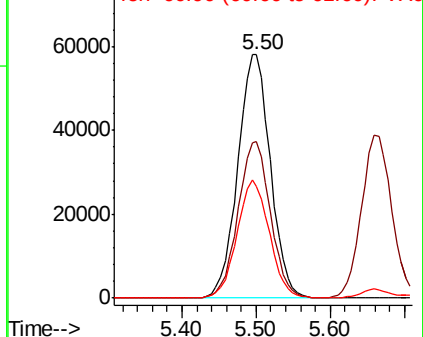
97 100

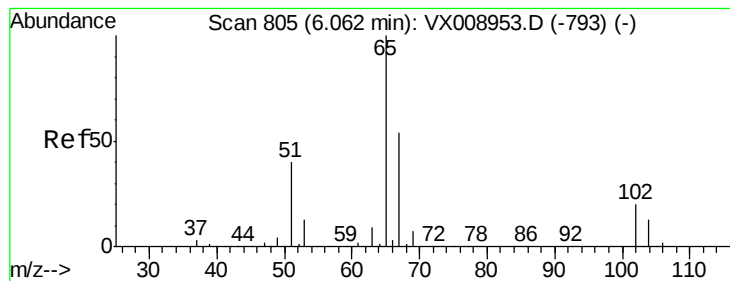
99 64.0 51.6 77.4

61 48.1 37.9 56.9



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: 55.214 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

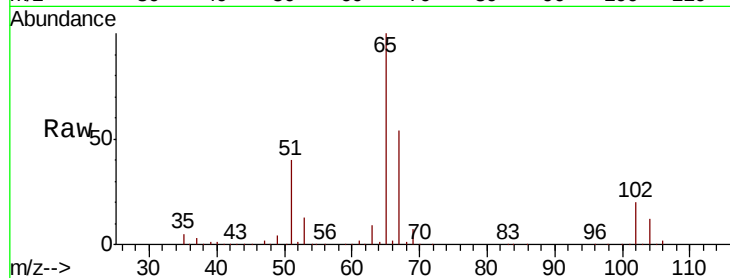
GMW-7MS

Tot Ion: 65 Resp: 151860

Ion Ratio Lower Upper

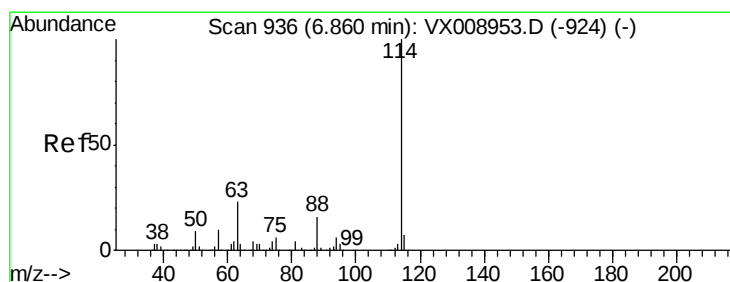
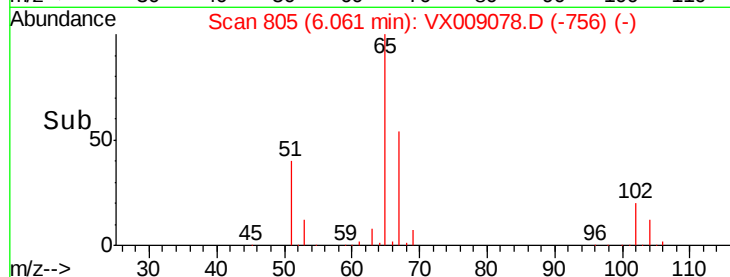
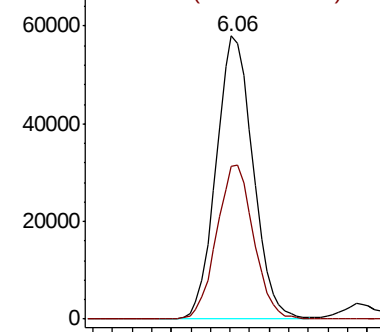
65 100

67 54.7 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

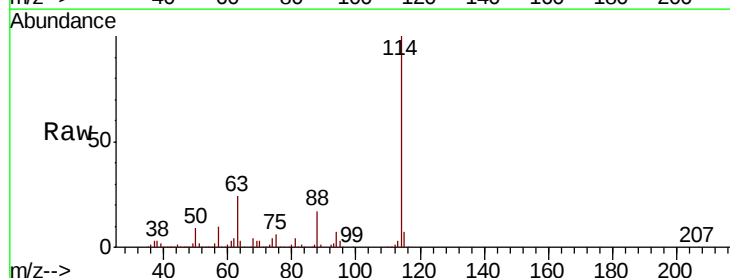
Tgt Ion: 114 Resp: 332948

Ion Ratio Lower Upper

114 100

63 23.8 0.0 46.0

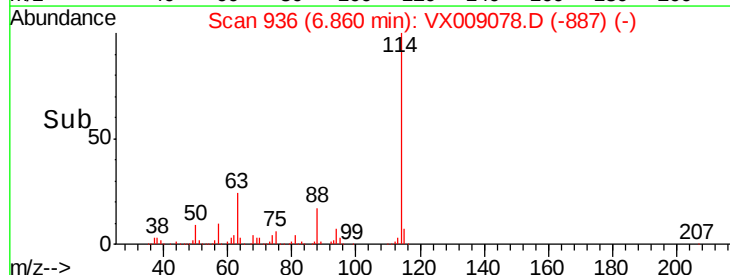
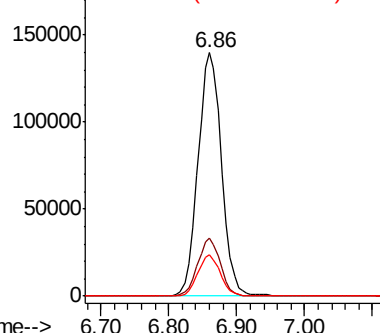
88 16.8 0.0 32.6

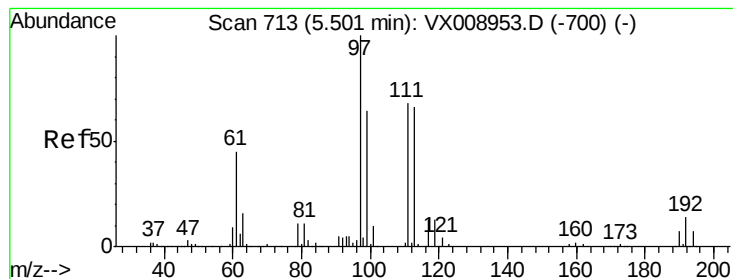


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.431 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MS

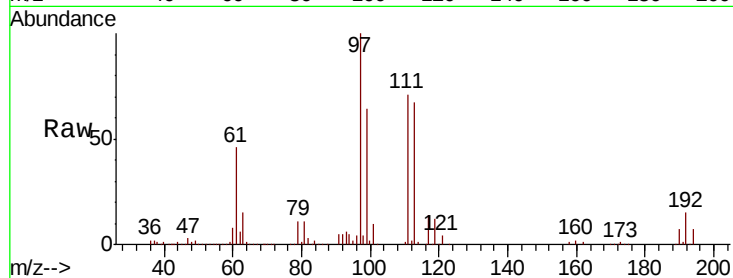
Tot Ion:113 Resp: 112034

Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

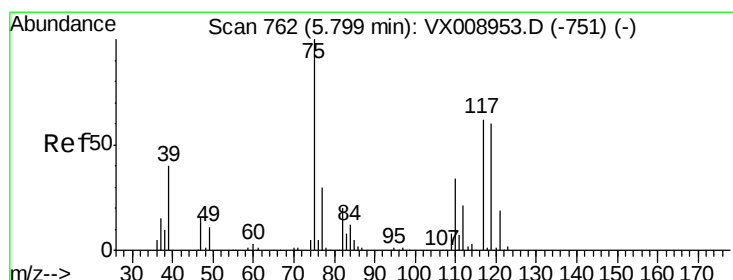
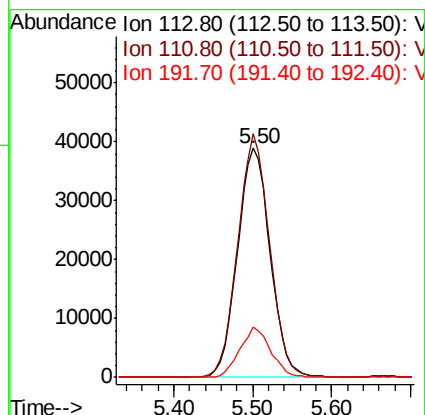
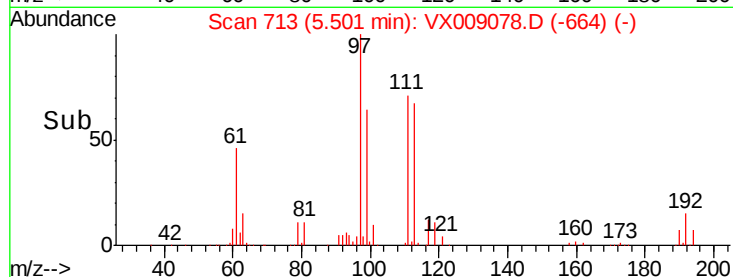
192 20.8 17.4 26.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.436 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

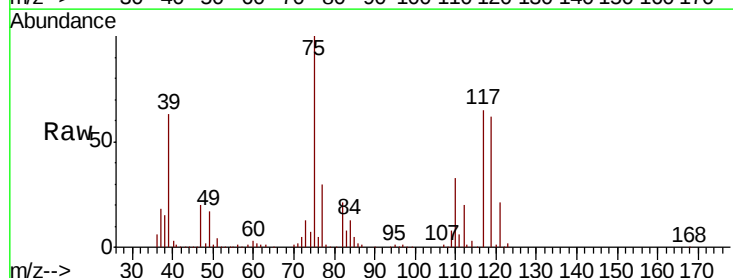
Tgt Ion: 75 Resp: 163340

Ion Ratio Lower Upper

75 100

110 33.1 16.9 50.7

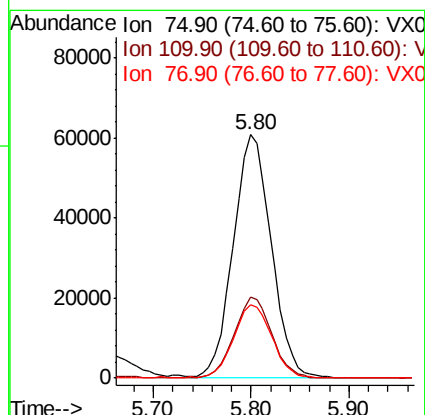
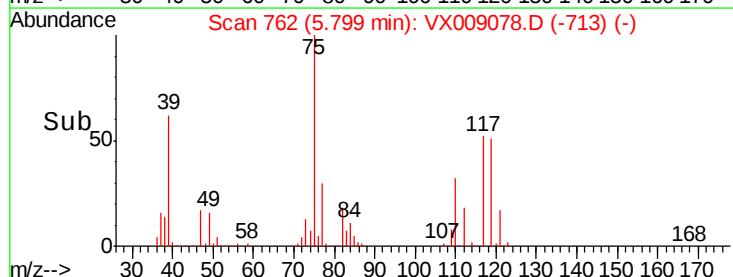
77 30.4 25.0 37.4

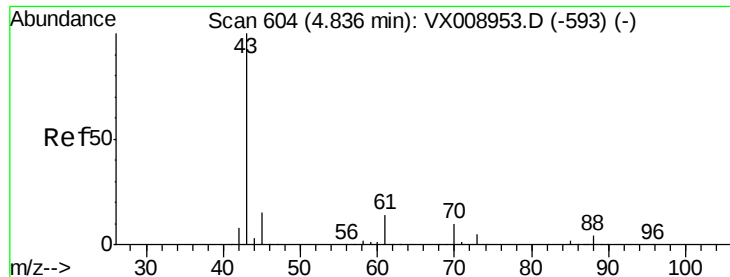


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 52.855 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MS

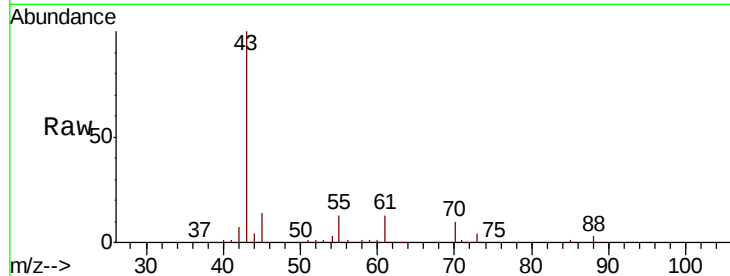
Tot Ion: 43 Resp: 234196

Ion Ratio Lower Upper

43 100

61 12.7 10.6 15.8

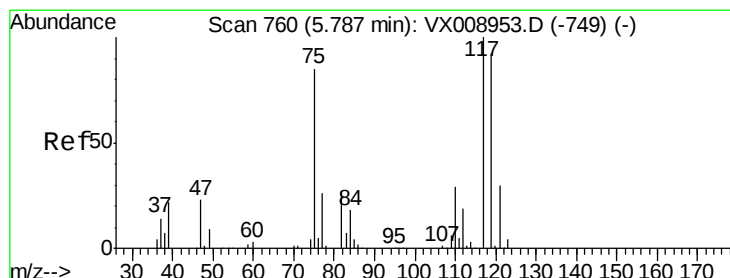
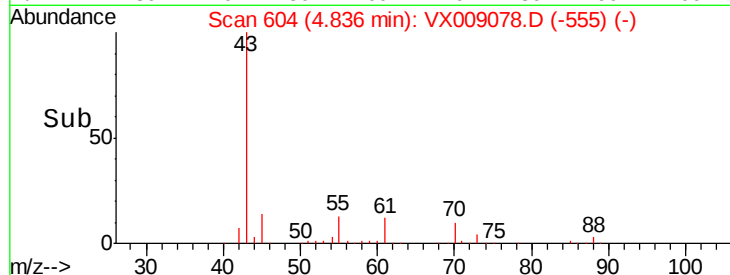
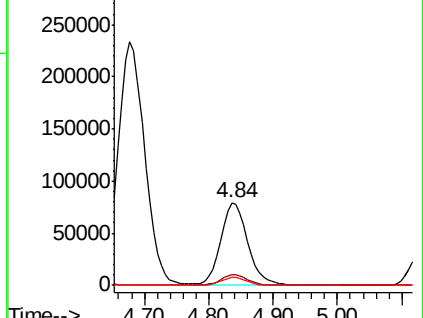
70 9.4 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 50.104 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

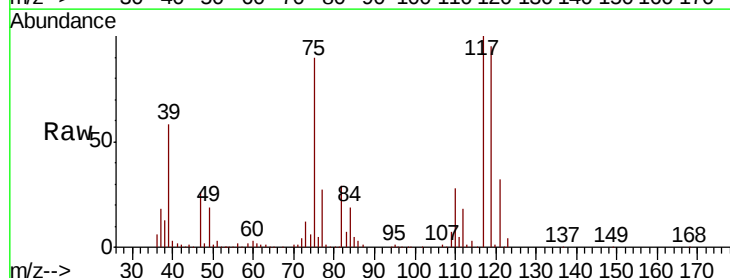
Tgt Ion: 117 Resp: 146265

Ion Ratio Lower Upper

117 100

119 95.5 73.8 110.8

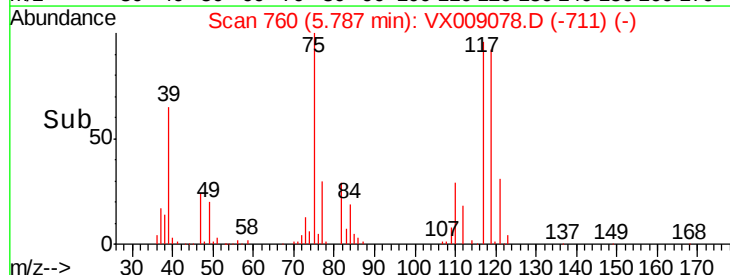
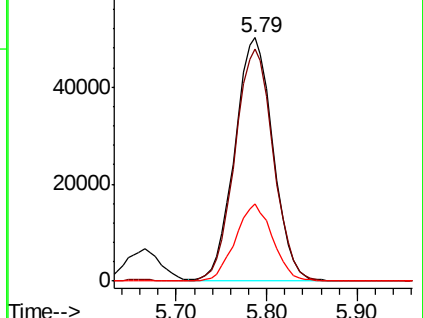
121 31.7 23.6 35.4

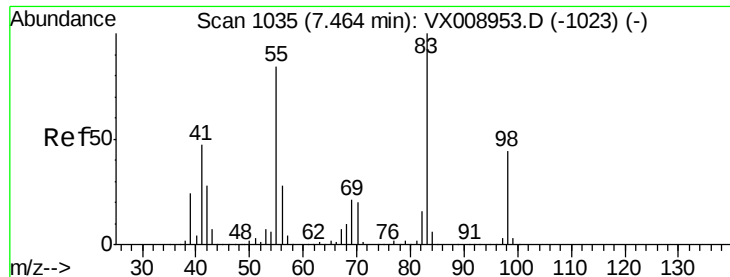


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

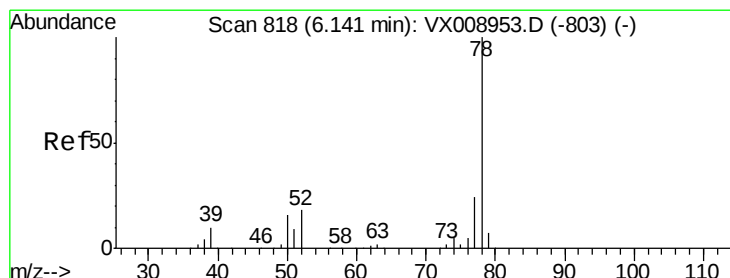
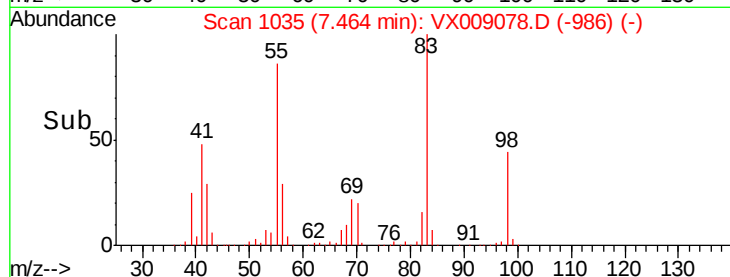
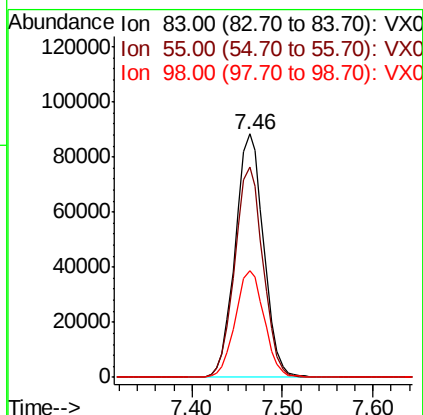
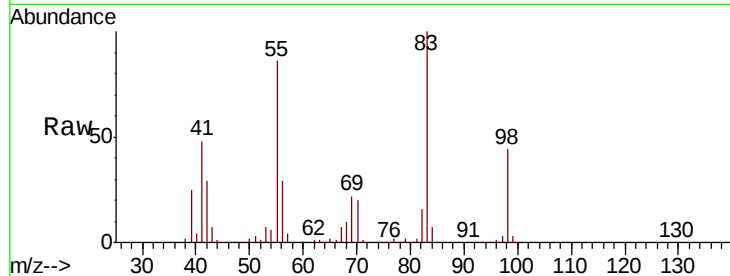




#39
Methvlcvclohexane
Concen: 45.743 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

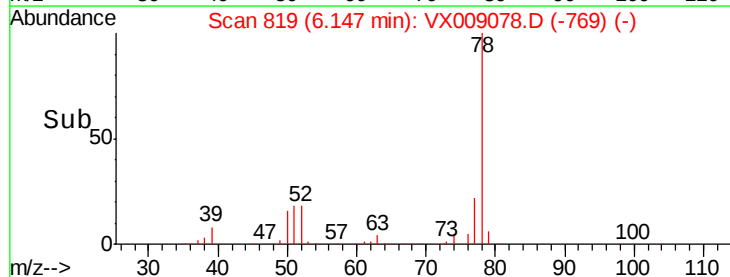
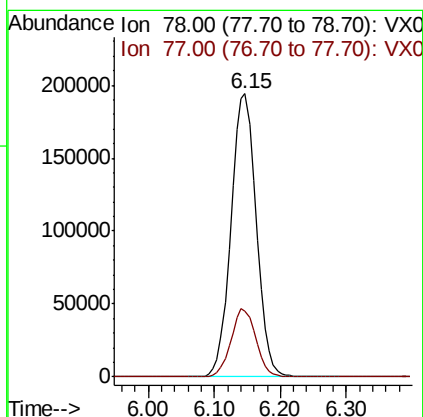
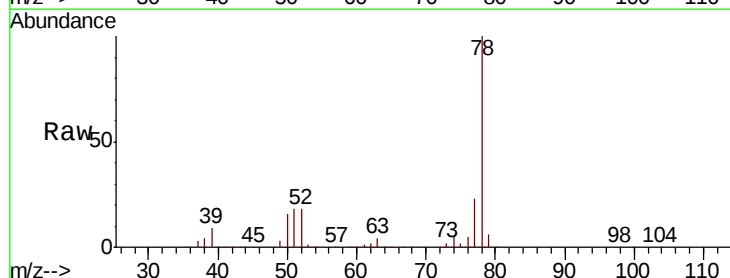
Instrument :
MSVOA_X
ClientSampleId :
GMW-7MS

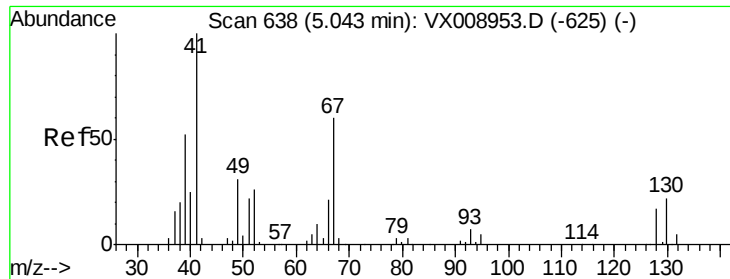
Tot Ion: 83 Resp: 191776
Ion Ratio Lower Upper
83 100
55 86.2 67.1 100.7
98 43.8 35.1 52.7



#40
Benzene
Concen: 50.563 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Tgt Ion: 78 Resp: 513638
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6

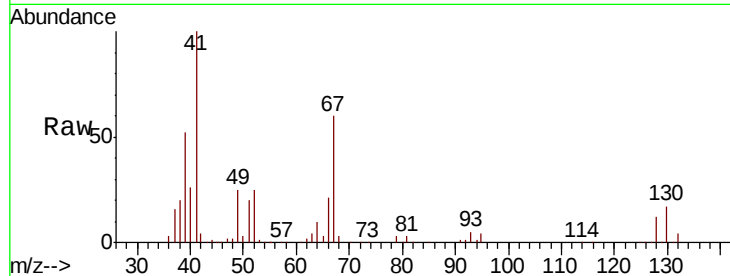




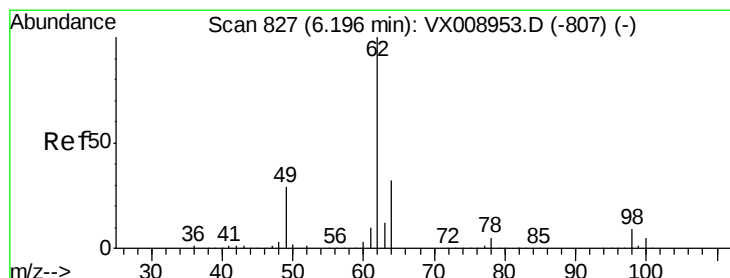
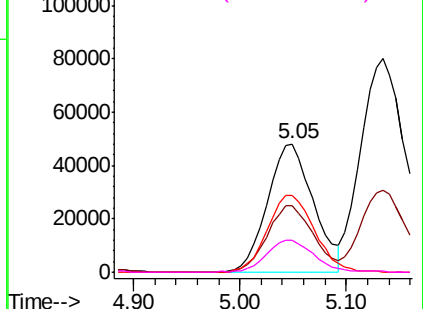
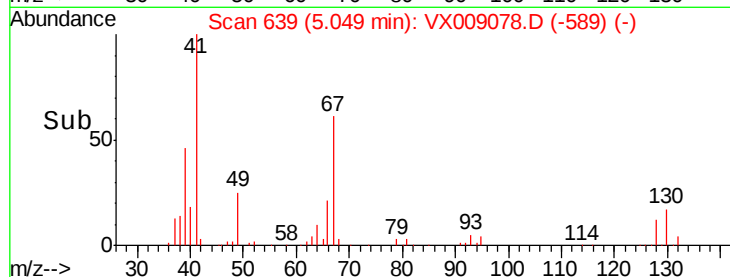
#41
Methacrylonitrile
Concen: 56.675 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Instrument :
MSVOA_X
ClientSampled :
GMW-7MS

Tot Ion: 41 Resp: 144124
Ion Ratio Lower Upper
41 100
39 51.6 41.8 62.6
67 61.9 50.2 75.4
52 25.6 21.1 31.7

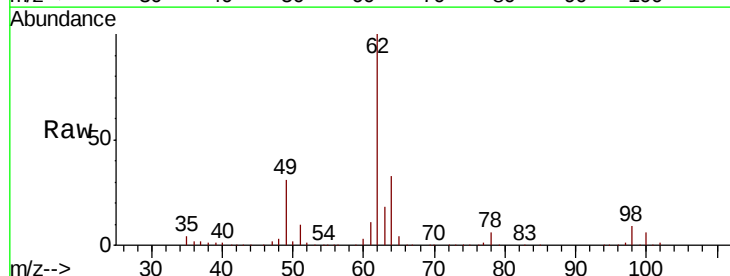


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

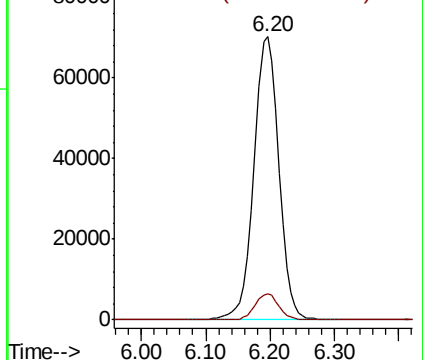
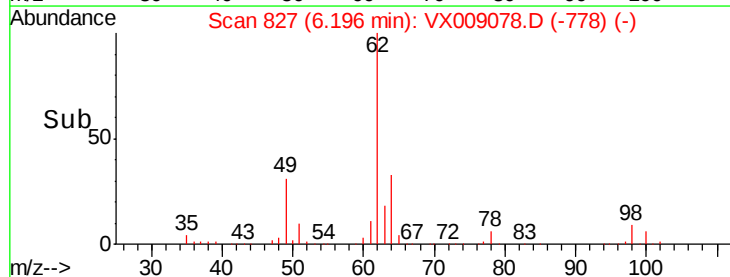


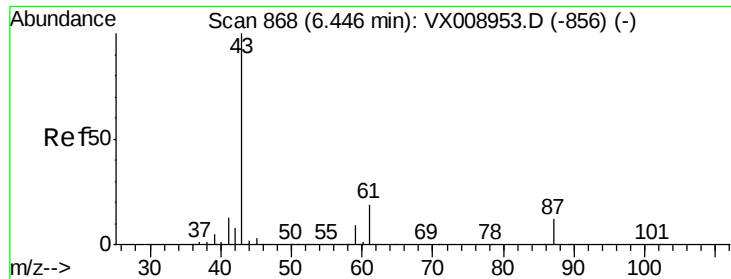
#42
1,2-Dichloroethane
Concen: 51.626 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Tgt Ion: 62 Resp: 185774
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.4



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





#43

Isopropyl Acetate

Concen: 52.375 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MS

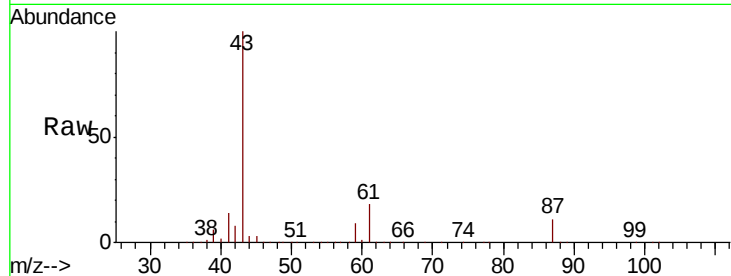
Tot Ion: 43 Resp: 373978

Ion Ratio Lower Upper

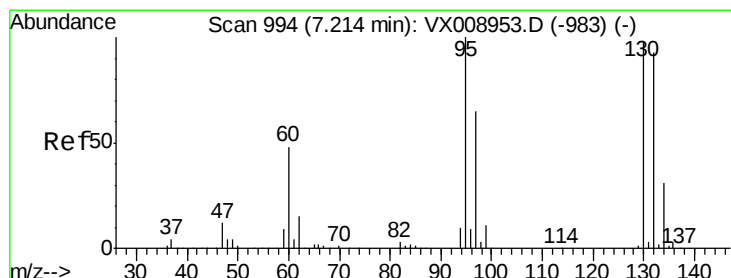
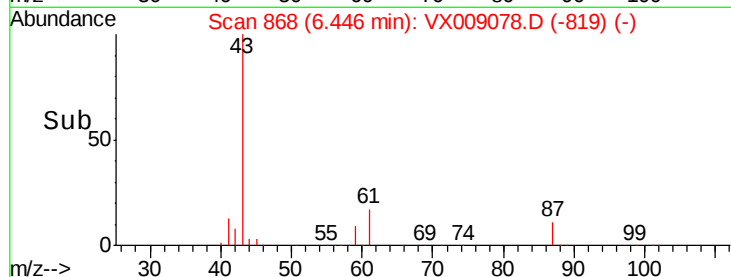
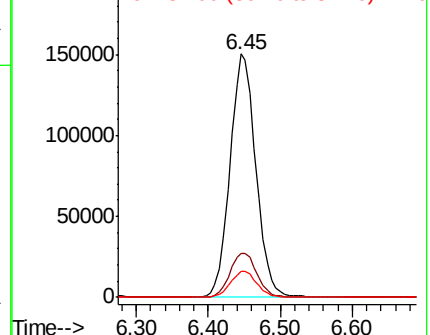
43 100

61 18.9 15.4 23.0

87 10.9 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.090 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009078.D

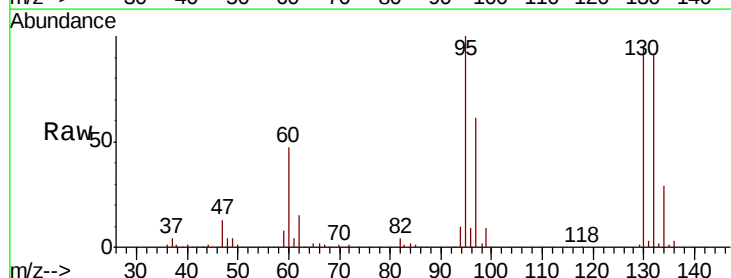
Acq: 19 Apr 2019 18:15

Tgt Ion:130 Resp: 117206

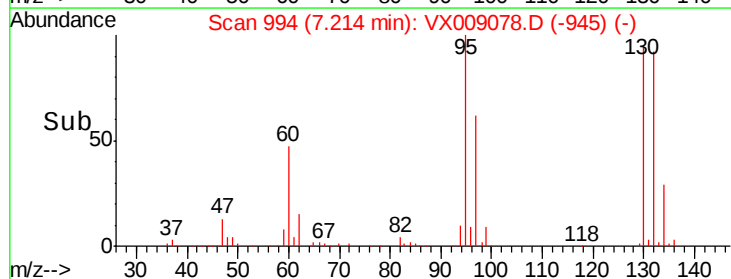
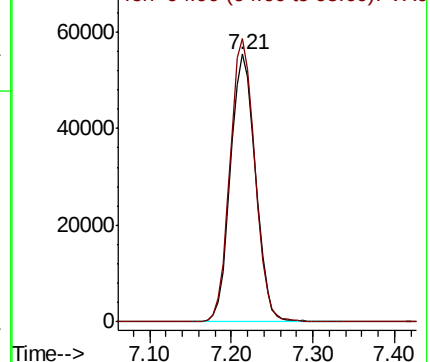
Ion Ratio Lower Upper

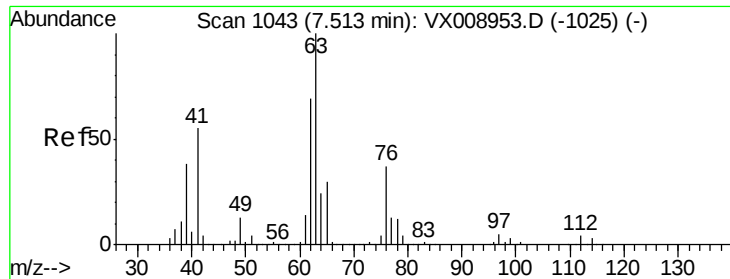
130 100

95 105.7 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

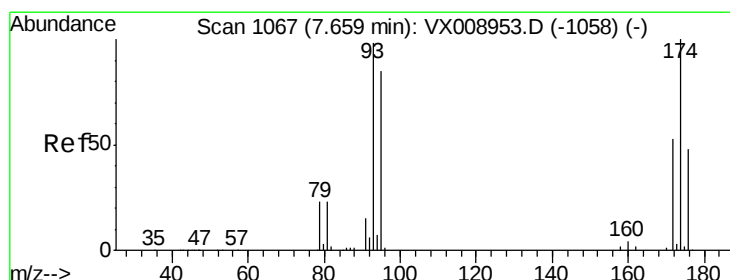
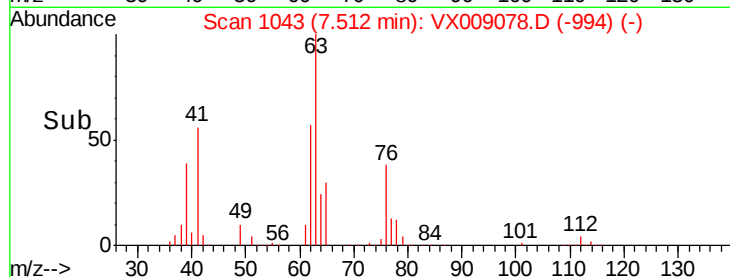
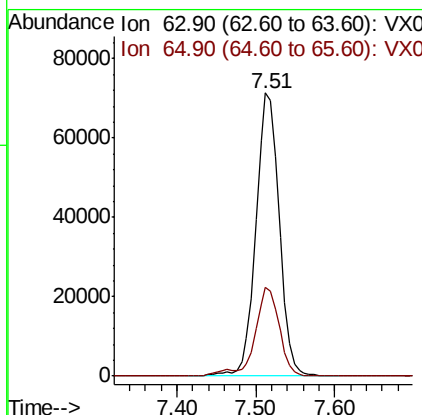
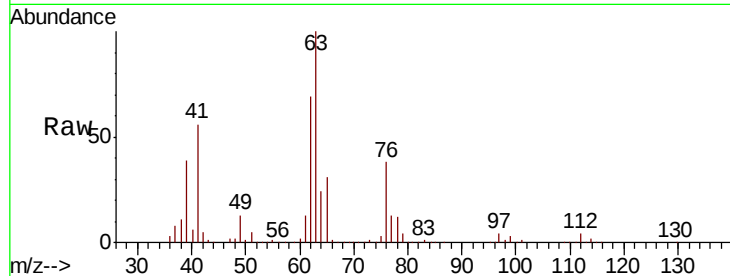




#45
 1,2-Dichloropropane
 Concen: 52.148 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

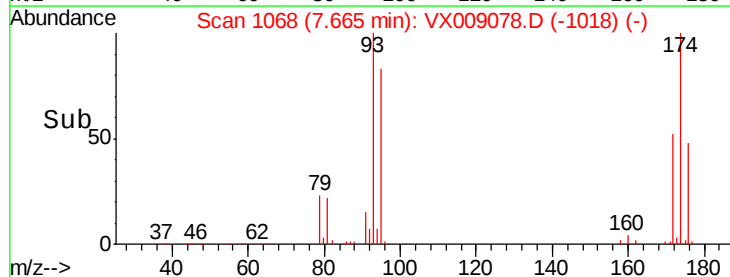
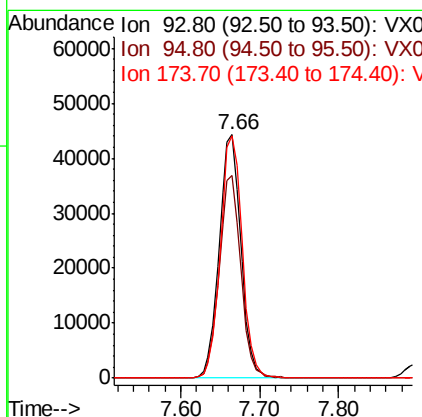
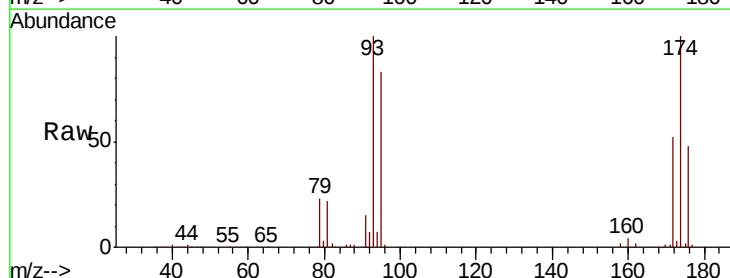
Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MS

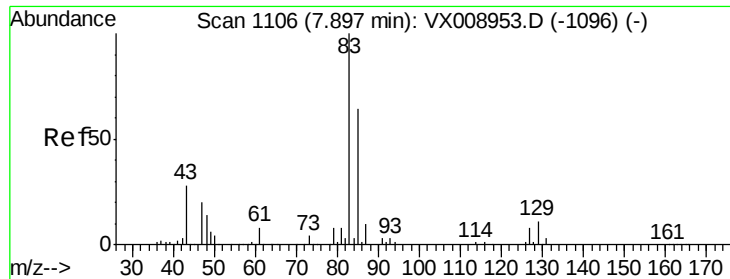
Tot Ion: 63 Resp: 146962
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.1 36.1



#46
 Dibromomethane
 Concen: 51.724 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

Tgt Ion: 93 Resp: 84833
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.0 100.4
 174 100.0 81.6 122.4





#47

Bromodichloromethane

Concen: 52.173 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MS

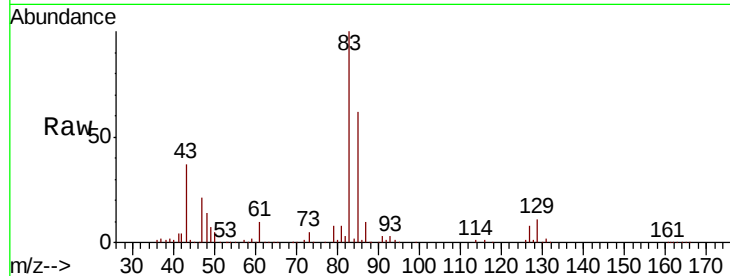
Tot Ion: 83 Resp: 167832

Ion Ratio Lower Upper

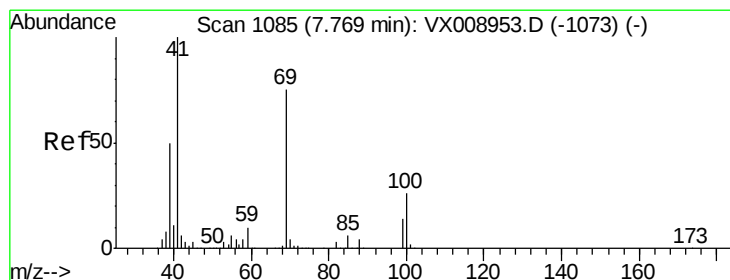
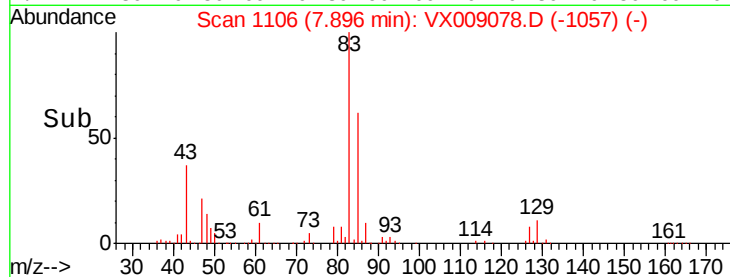
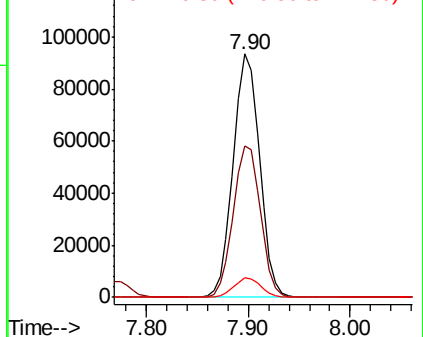
83 100

85 62.4 50.8 76.2

127 7.9 6.4 9.6



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: 54.584 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

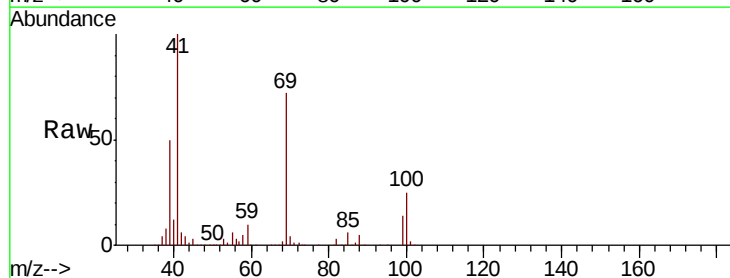
Tgt Ion: 41 Resp: 192578

Ion Ratio Lower Upper

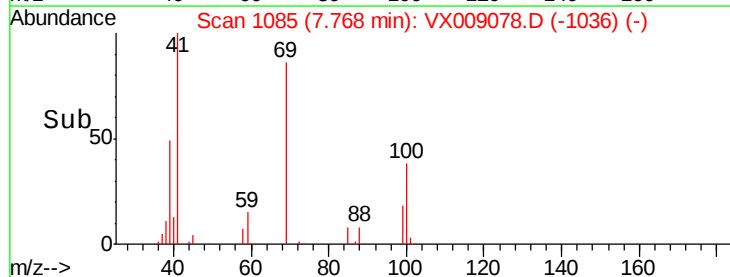
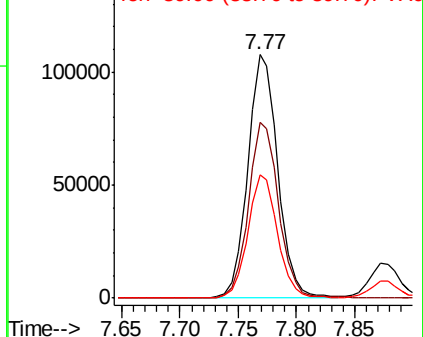
41 100

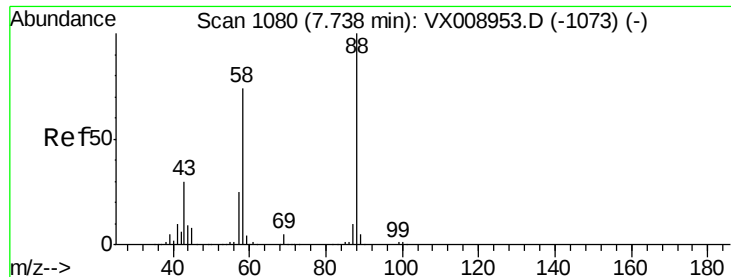
69 72.8 59.4 89.2

39 50.2 39.8 59.6



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

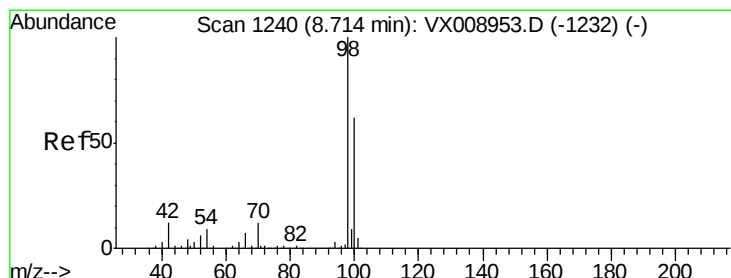
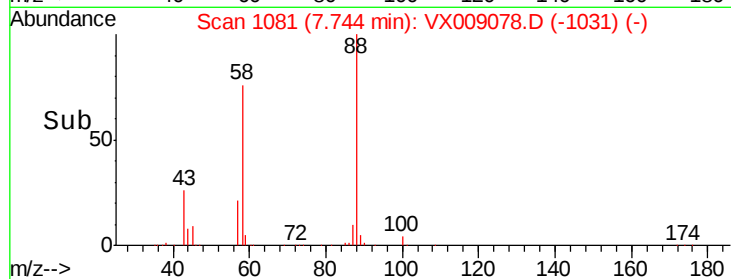
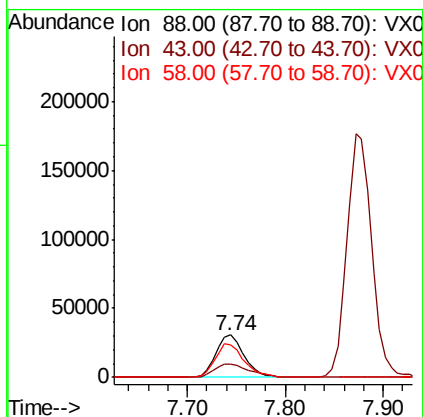
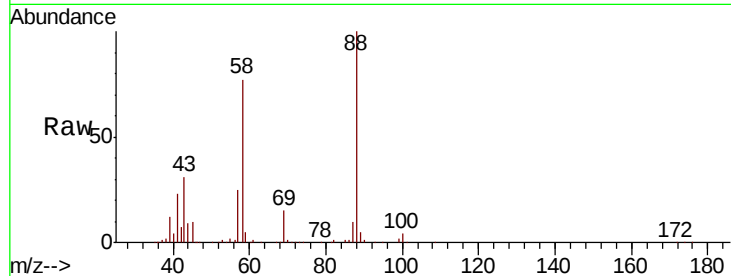




#49
 1,4-Dioxane
 Concen: 942.976 ug/l
 RT: 7.74 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

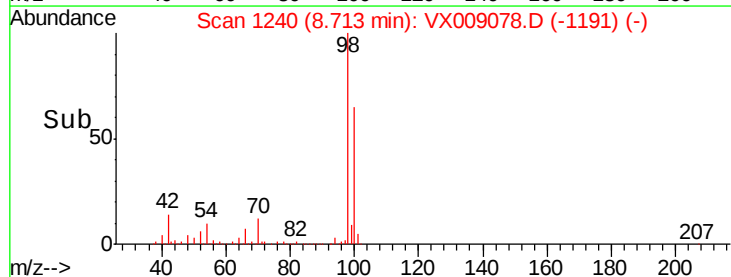
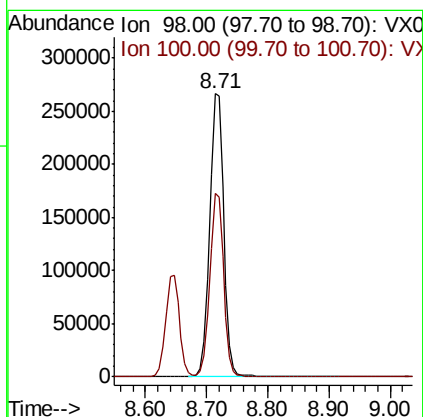
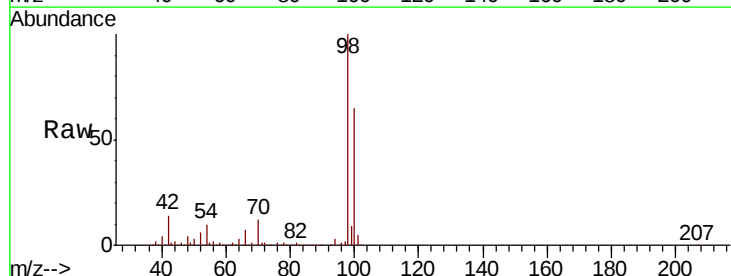
Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MS

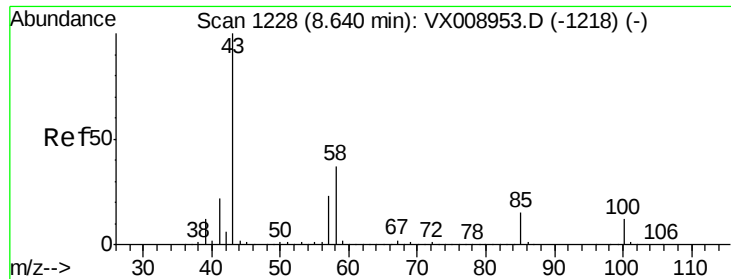
Tot Ion: 88 Resp: 62270
 Ion Ratio Lower Upper
 88 100
 43 37.3 29.3 43.9
 58 79.9 62.6 93.8



#50
 Toluene-d8
 Concen: 50.364 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

Tgt Ion: 98 Resp: 429179
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 277.412 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

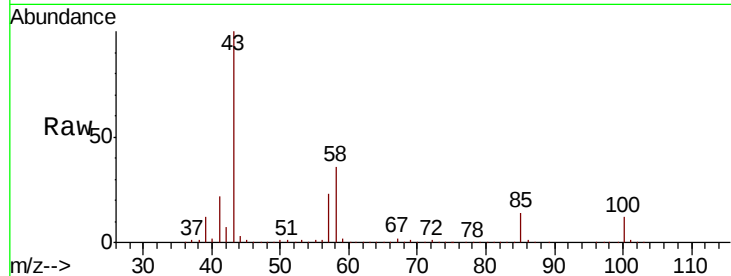
GMW-7MS

Tot Ion: 43 Resp: 1261936

Ion Ratio Lower Upper

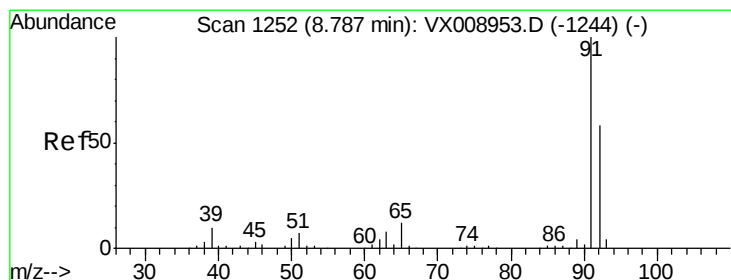
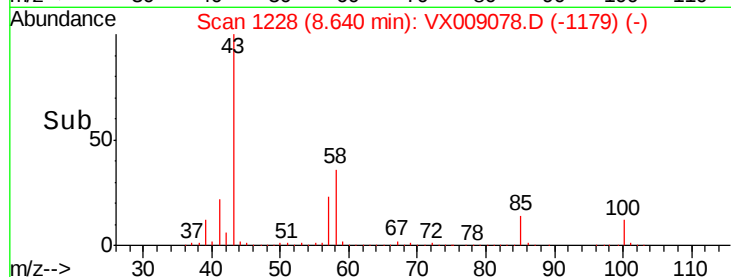
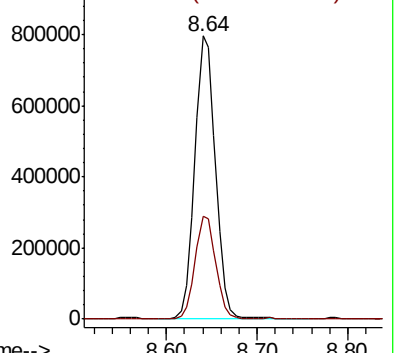
43 100

58 36.4 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.077 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009078.D

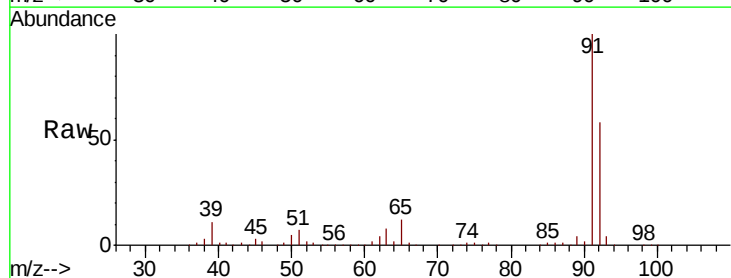
Acq: 19 Apr 2019 18:15

Tgt Ion: 92 Resp: 298781

Ion Ratio Lower Upper

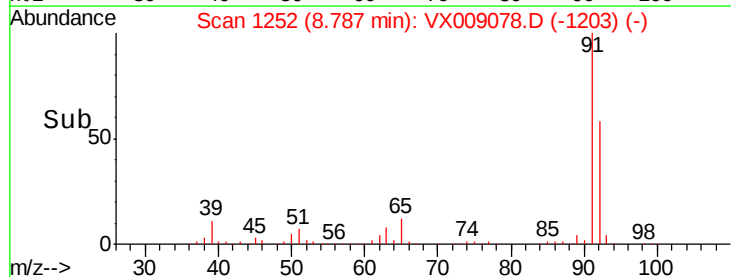
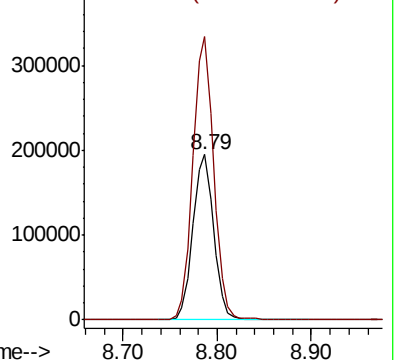
92 100

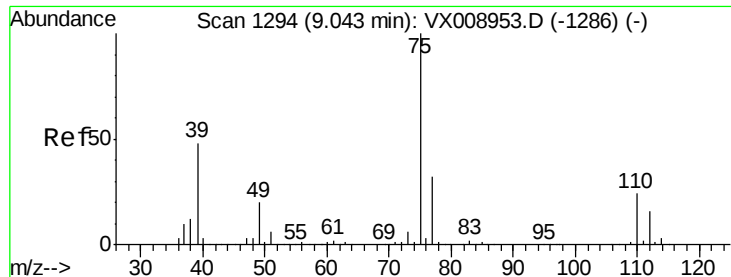
91 172.1 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

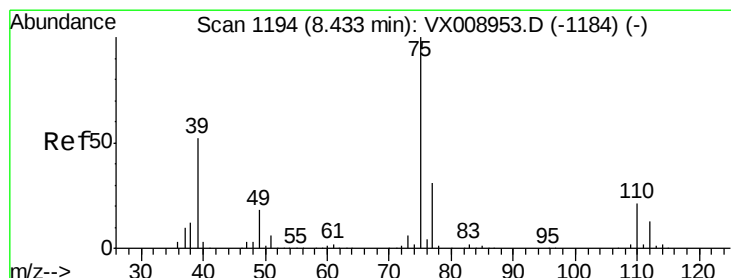
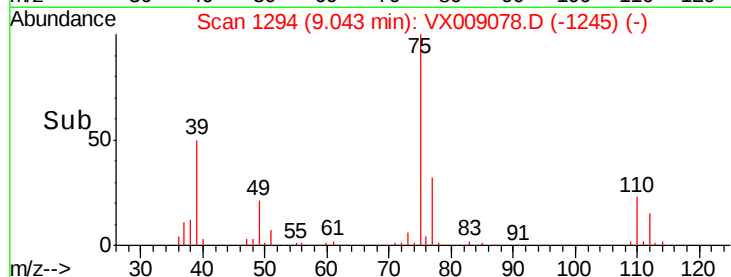
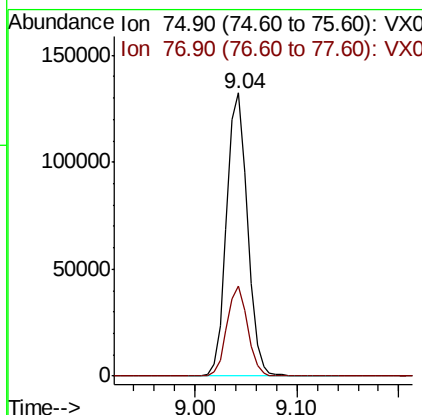
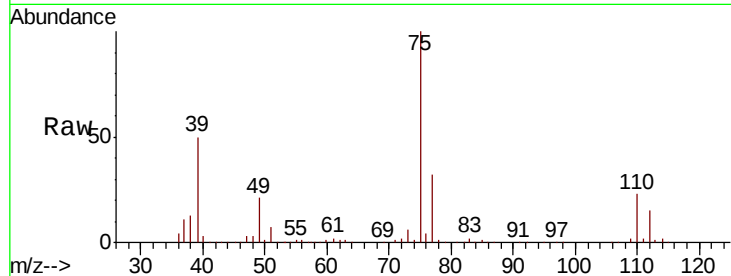




#53
 t-1,3-Dichloropropene
 Concen: 50.673 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

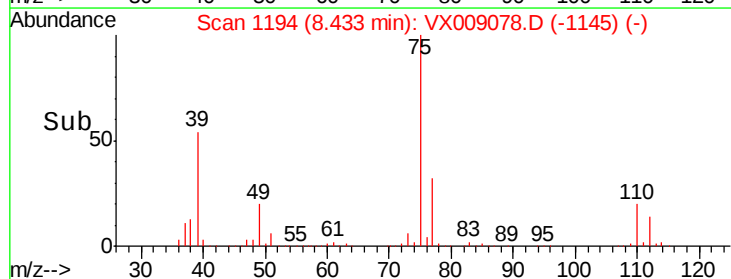
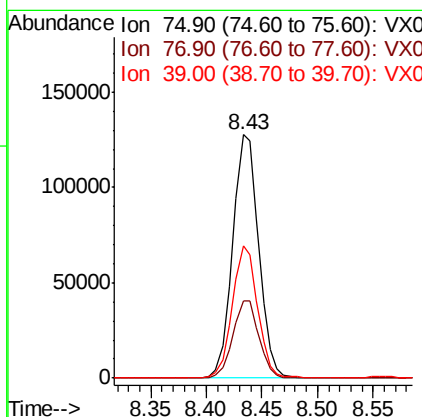
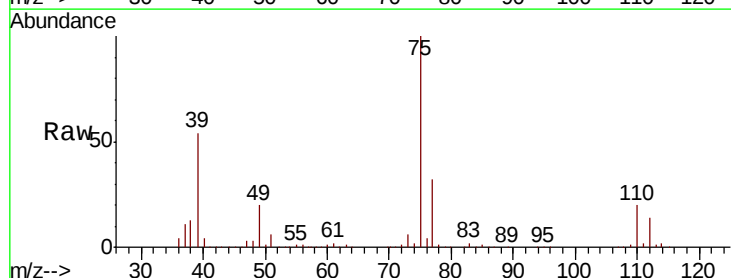
Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MS

Tot Ion: 75 Resp: 187598
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 49.727 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

Tgt Ion: 75 Resp: 206136
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.8 37.2
 39 54.2 41.8 62.6

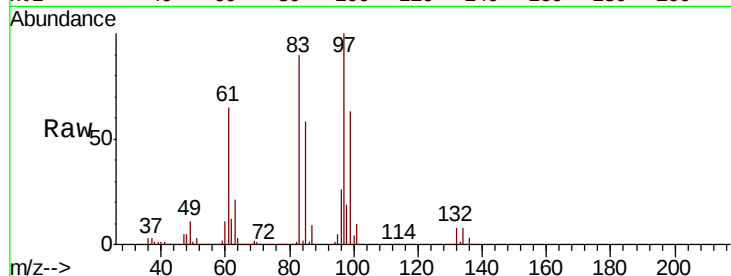




#55
 1,1,2-Trichloroethane
 Concen: 52.206 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

Instrument :
 MSVOA_X
 ClientSampled :
 GMW-7MS

Tot Ion	97	Resp	125967
Ion	Ratio	Lower	Upper
97	100		
83	90.4	72.6	108.8
85	57.6	46.9	70.3
99	62.5	51.0	76.6



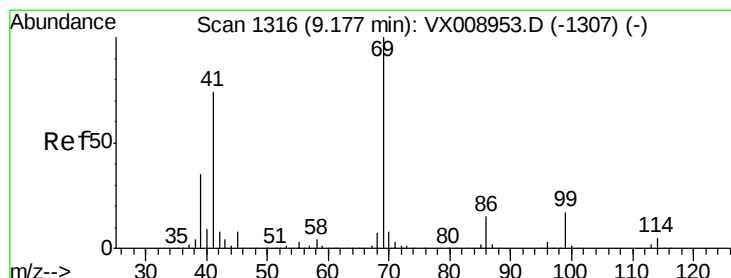
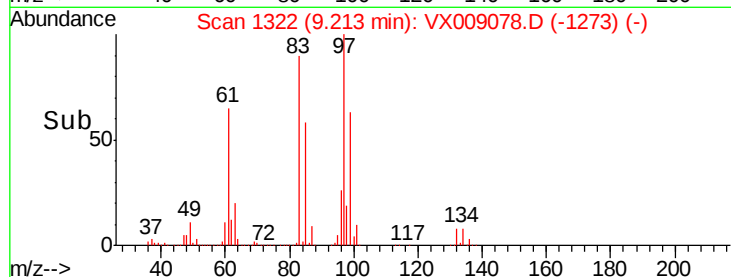
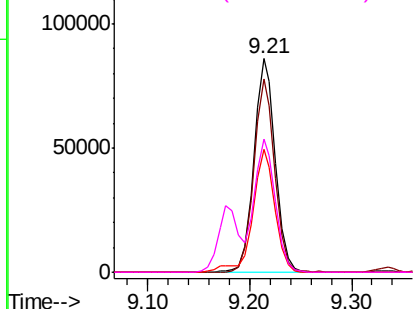
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

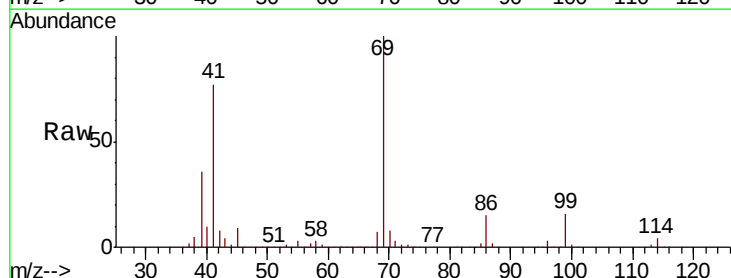
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 52.447 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

Tgt Ion	69	Resp	226912
Ion	Ratio	Lower	Upper
69	100		
41	76.2	60.2	90.2
39	35.7	27.9	41.9

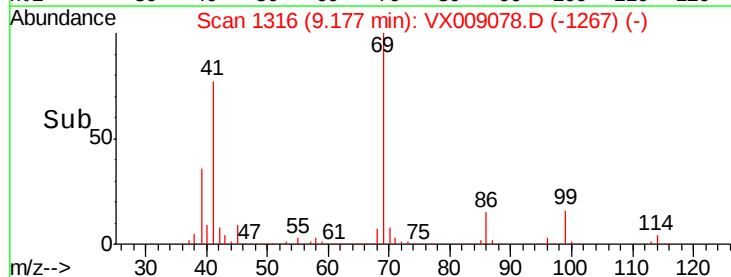
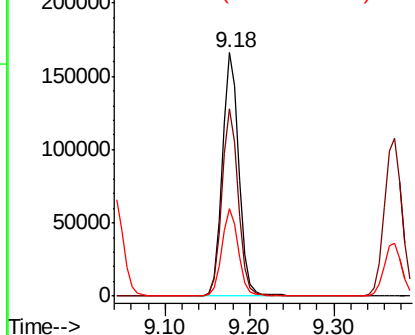


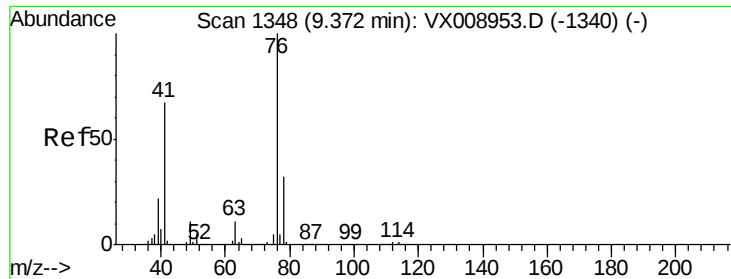
Abundance

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: 51.963 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

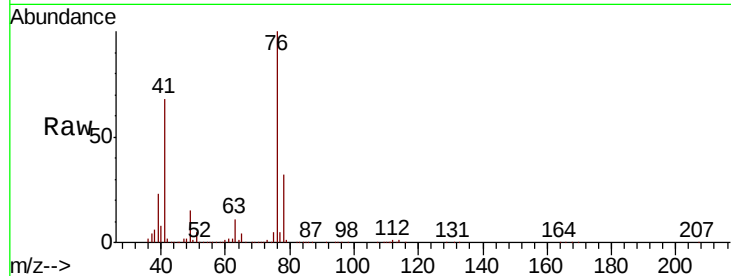
GMW-7MS

Tot Ion: 76 Resp: 223237

Ion Ratio Lower Upper

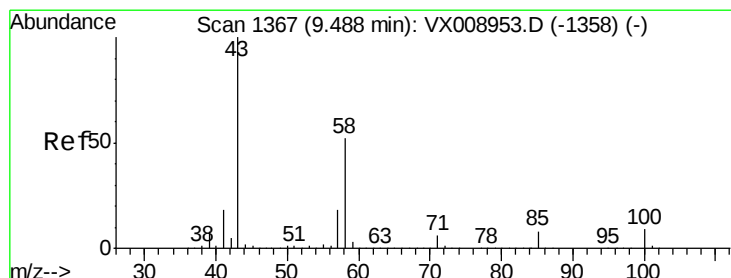
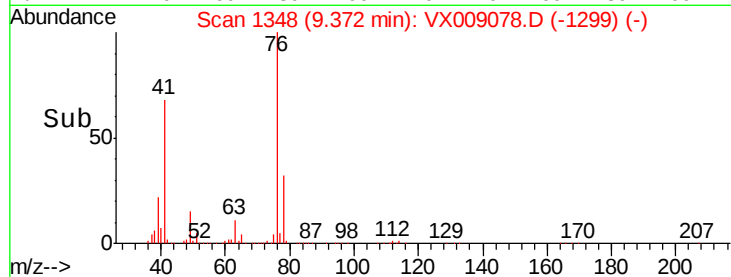
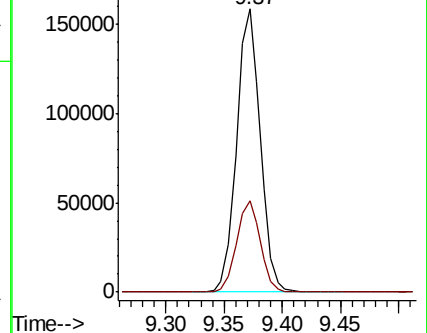
76 100

78 32.4 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 273.117 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.01 min

Lab File: VX009078.D

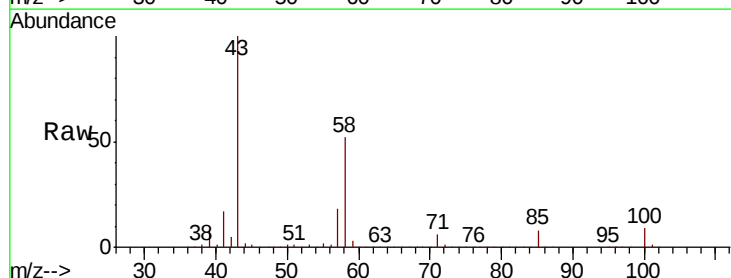
Acq: 19 Apr 2019 18:15

Tgt Ion: 43 Resp: 957862

Ion Ratio Lower Upper

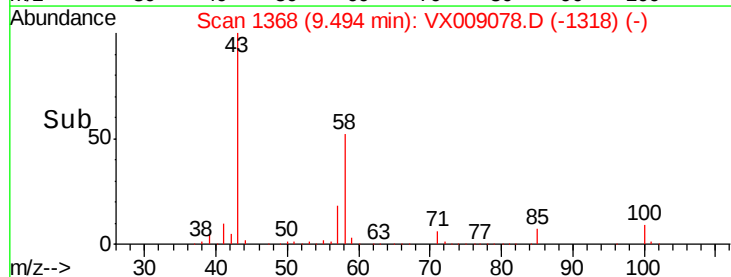
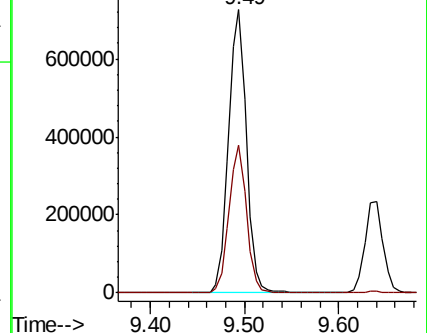
43 100

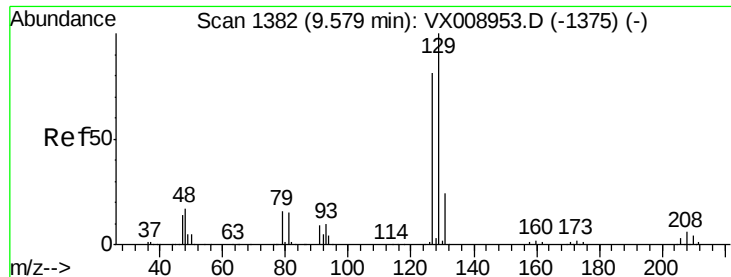
58 51.2 25.9 77.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 52.888 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

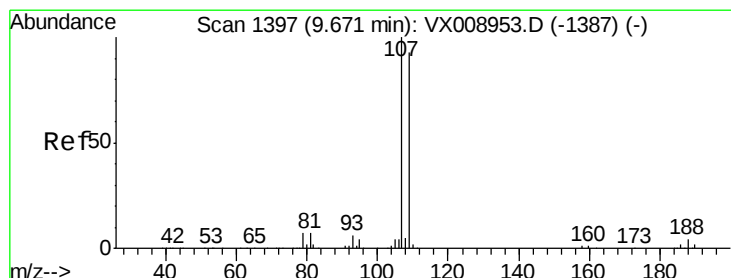
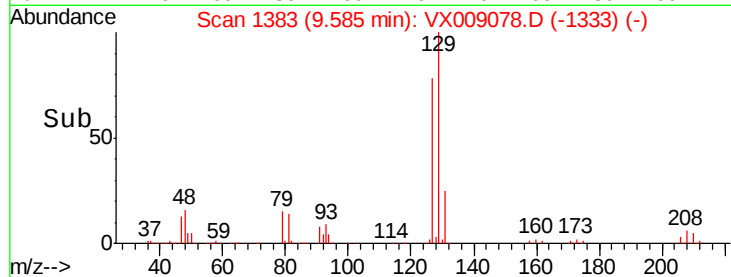
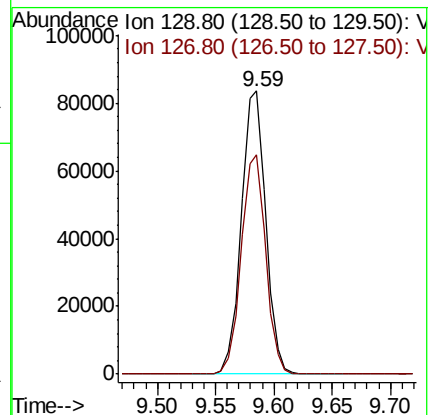
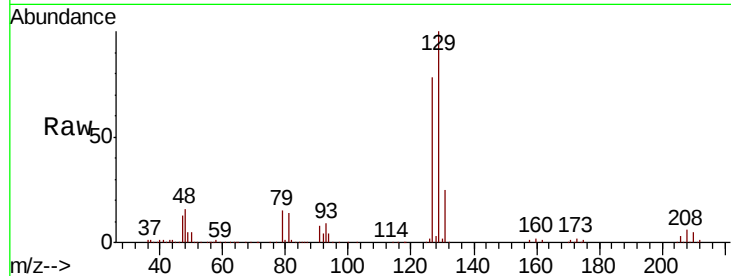
GMW-7MS

Tot Ion:129 Resp: 122305

Ion Ratio Lower Upper

129 100

127 77.8 39.1 117.2



#61

1,2-Dibromoethane

Concen: 51.623 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009078.D

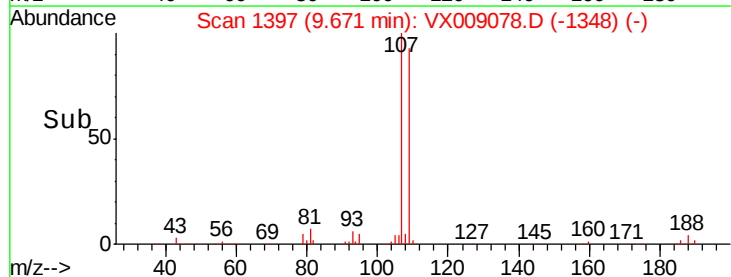
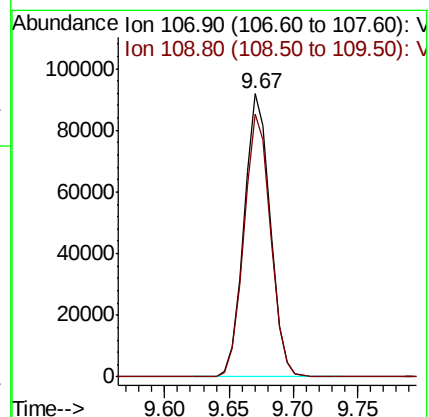
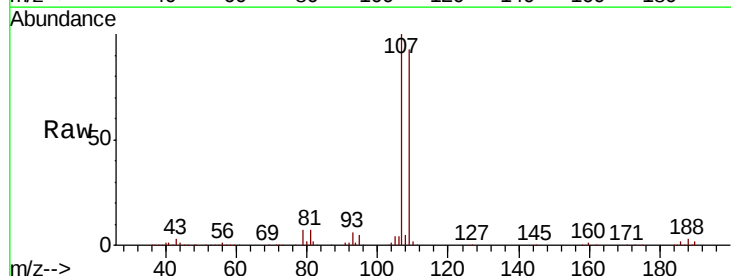
Acq: 19 Apr 2019 18:15

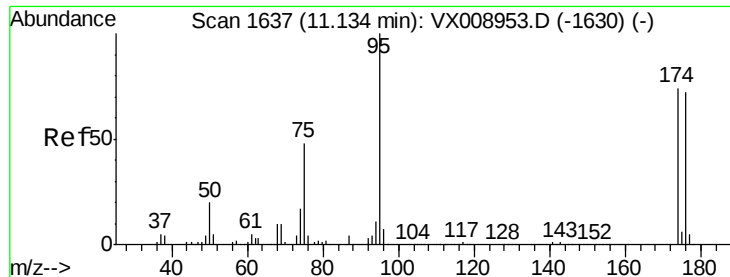
Tgt Ion:107 Resp: 128557

Ion Ratio Lower Upper

107 100

109 94.5 74.4 111.6

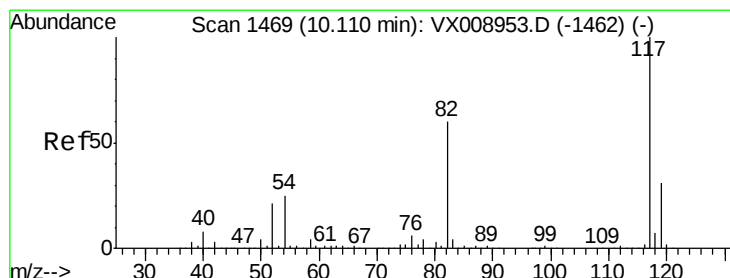
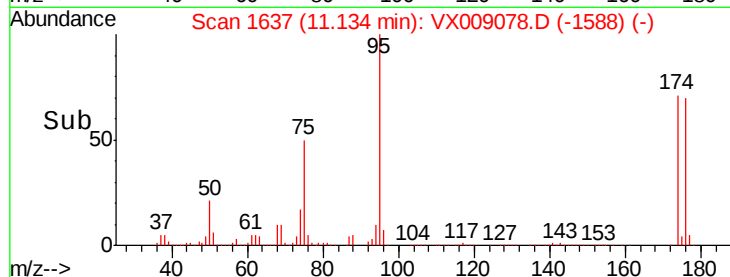
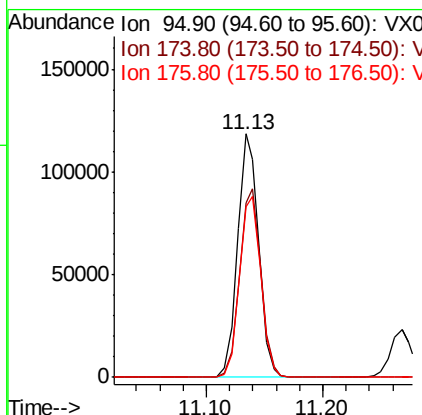
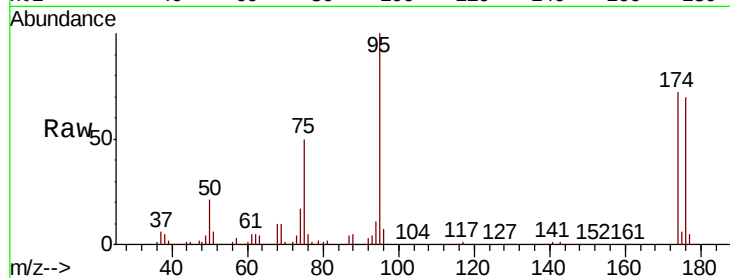




#62
4-Bromofluorobenzene
Concen: 49.414 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

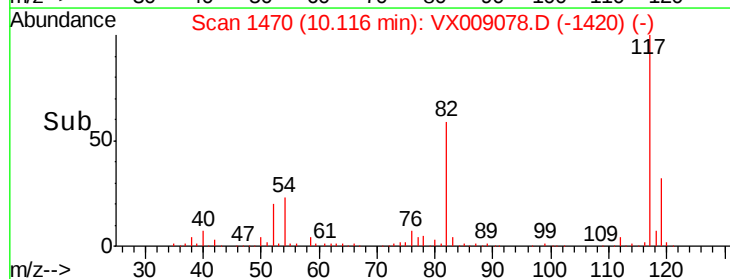
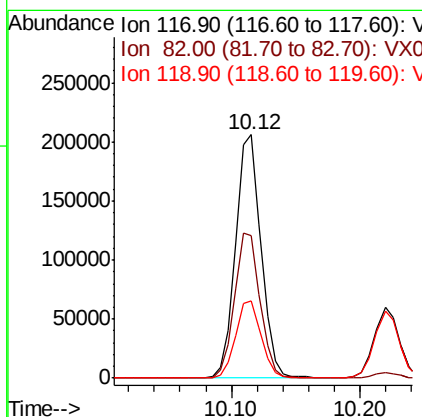
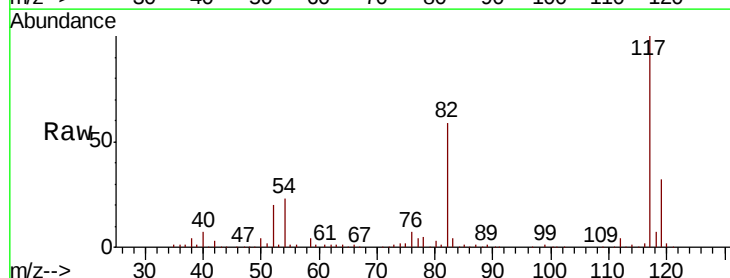
Instrument :
MSVOA_X
ClientSampleId :
GMW-7MS

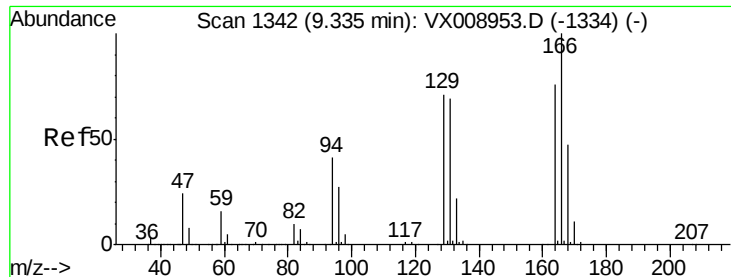
Tot Ion: 95 Resp: 148644
Ion Ratio Lower Upper
95 100
174 78.7 0.0 159.6
176 76.0 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Tgt Ion: 117 Resp: 283901
Ion Ratio Lower Upper
117 100
82 58.6 48.2 72.4
119 31.6 25.0 37.6





#64

Tetrachloroethene

Concen: 45.840 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MS

Tot Ion:164 Resp: 98864

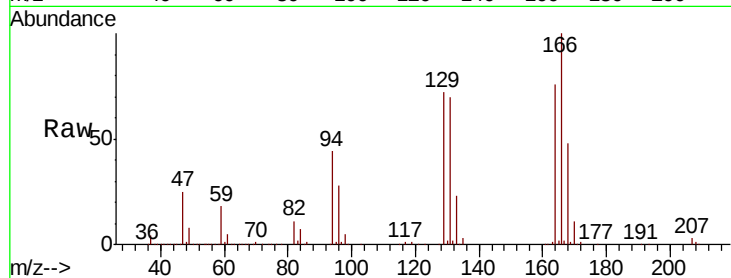
Ion Ratio Lower Upper

164 100

166 131.0 105.0 157.4

129 94.8 74.2 111.4

131 91.4 72.2 108.2

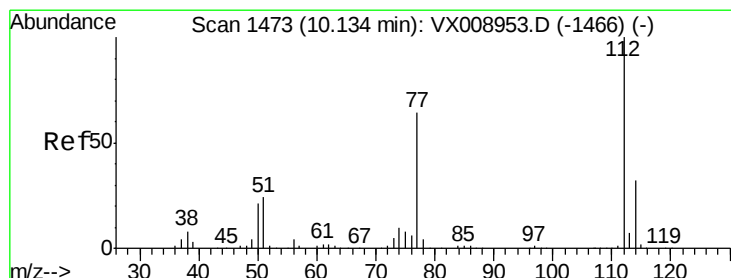
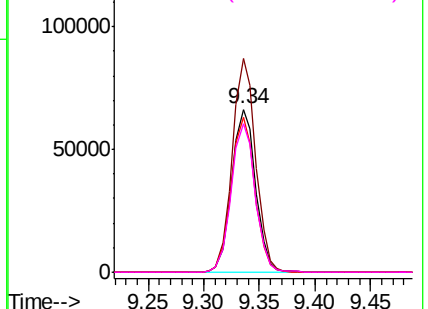
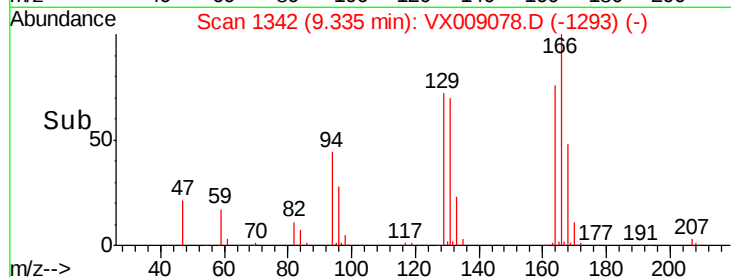


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 49.644 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009078.D

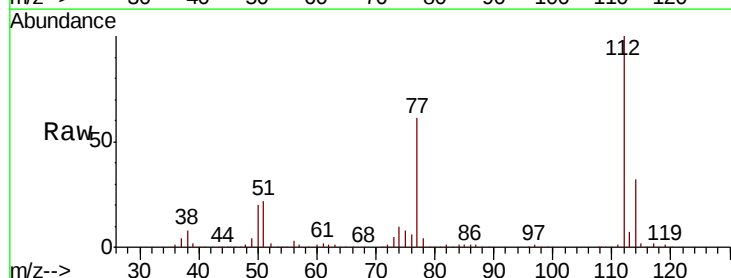
Acq: 19 Apr 2019 18:15

Tgt Ion:112 Resp: 297486

Ion Ratio Lower Upper

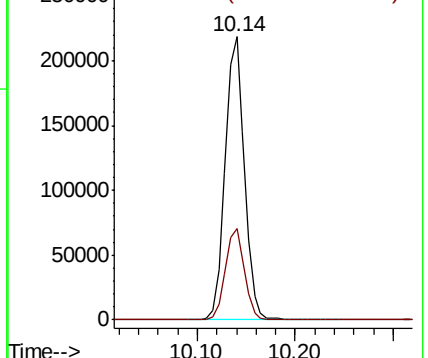
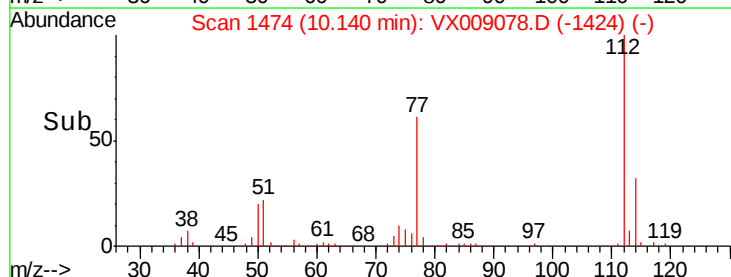
112 100

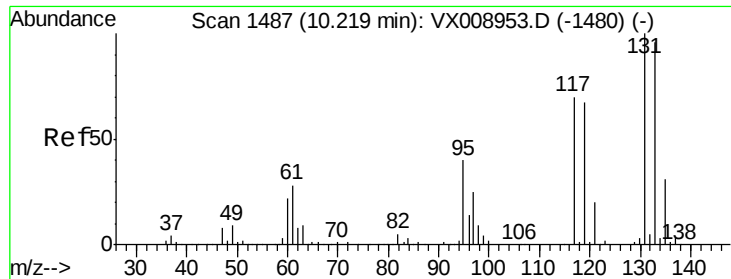
114 32.4 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 53.847 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MS

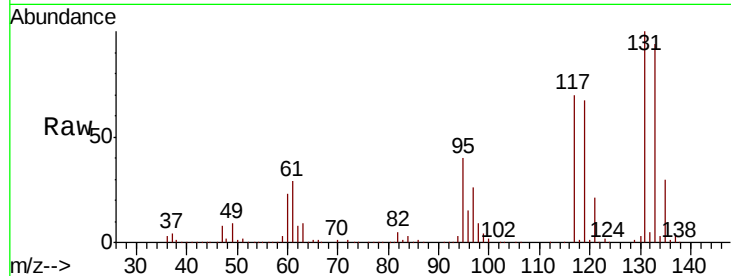
Tot Ion:131 Resp: 113673

Ion Ratio Lower Upper

131 100

133 94.2 48.0 144.2

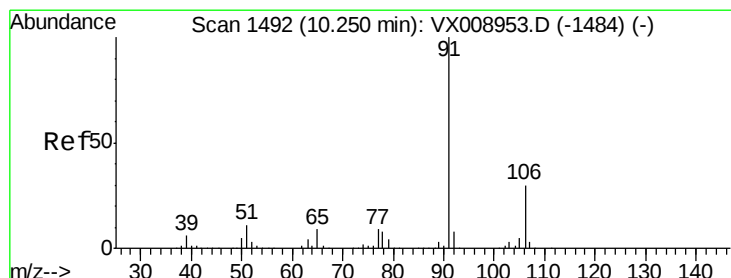
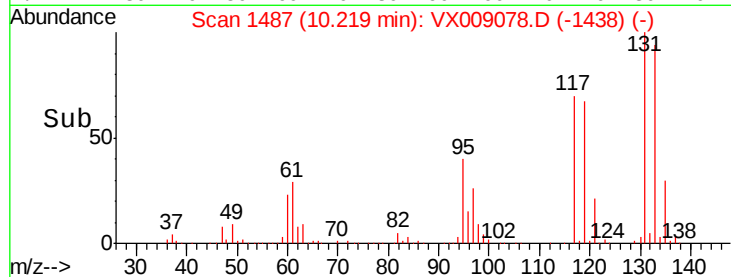
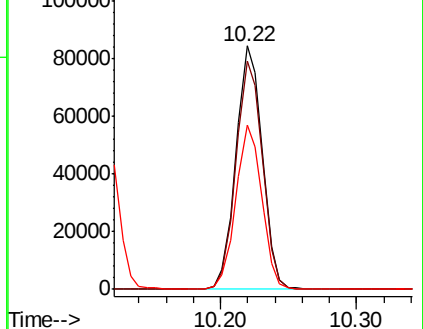
119 66.7 33.7 101.1



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: 50.693 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009078.D

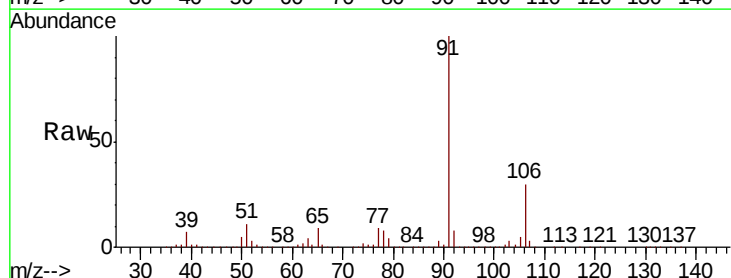
Acq: 19 Apr 2019 18:15

Tgt Ion: 91 Resp: 555311

Ion Ratio Lower Upper

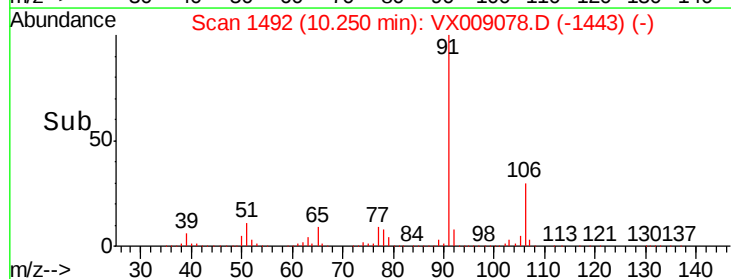
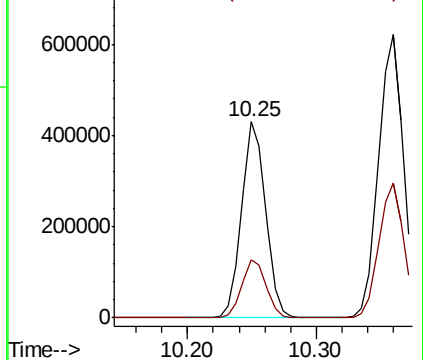
91 100

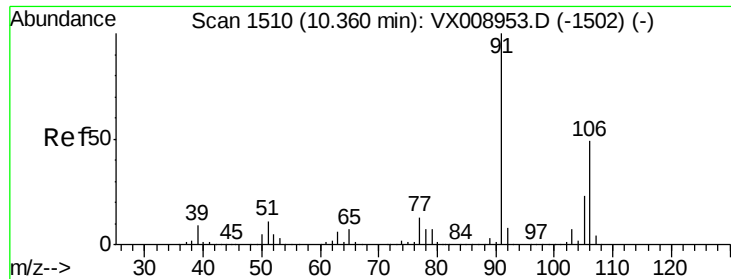
106 29.7 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

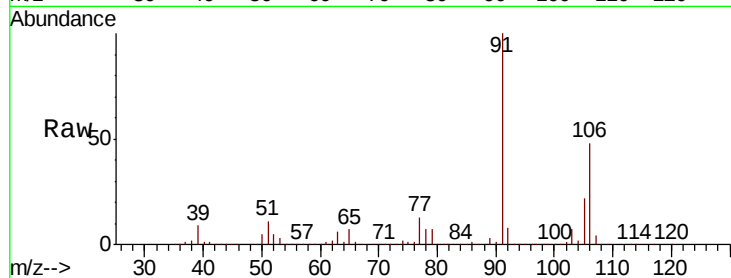




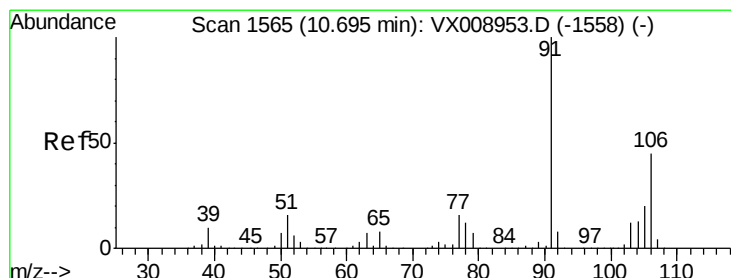
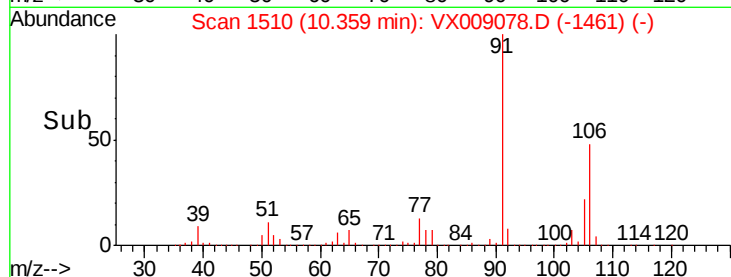
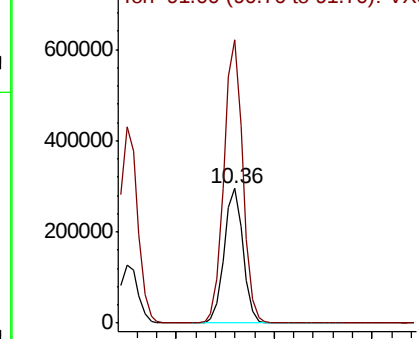
#68
m/p-Xvlenes
Concen: 99.380 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Instrument :
MSVOA_X
ClientSampleId :
GMW-7MS

Tot Ion:106 Resp: 395638
Ion Ratio Lower Upper
106 100
91 209.3 165.4 248.2

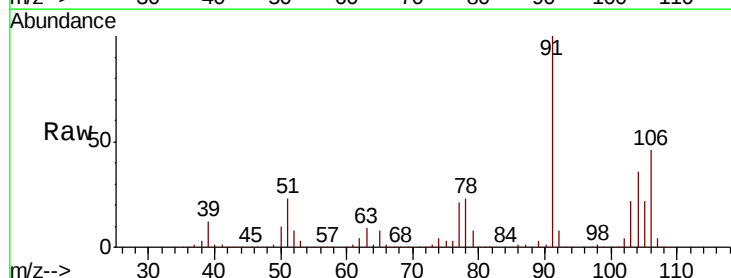


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

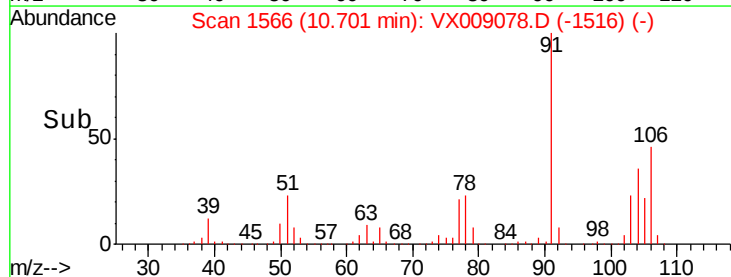
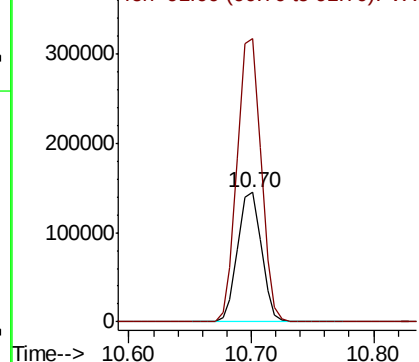


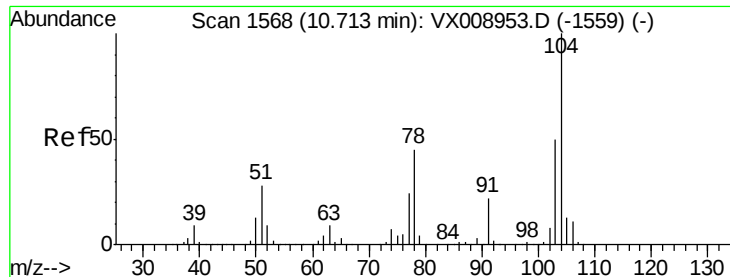
#69
o-Xylene
Concen: 50.335 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Tgt Ion:106 Resp: 194979
Ion Ratio Lower Upper
106 100
91 219.5 108.9 326.7



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

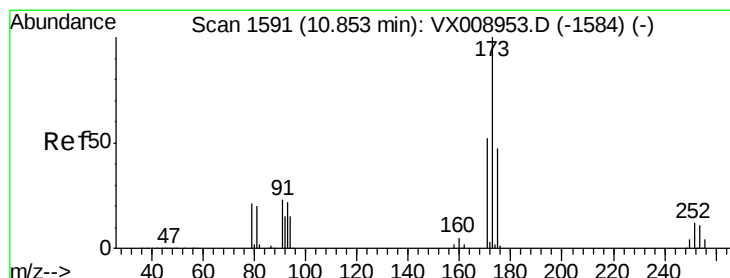
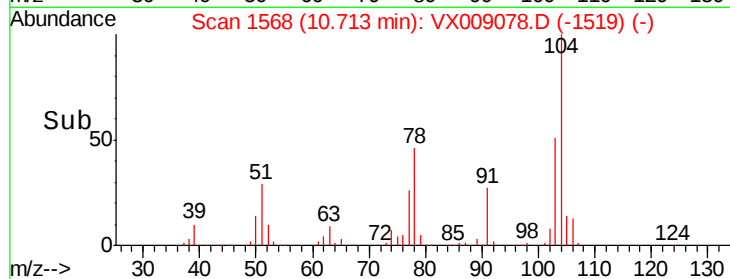
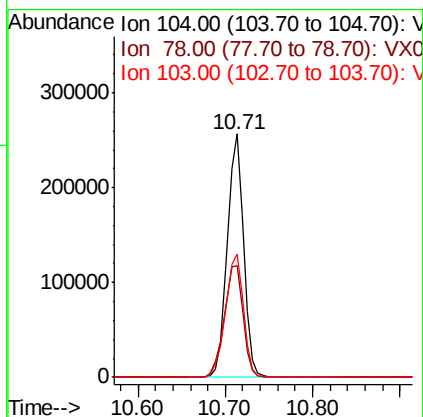
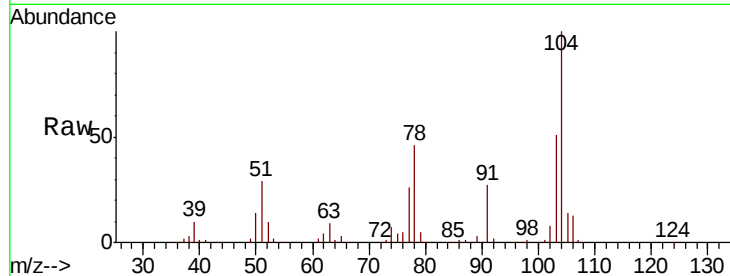




#70
Stvrene
Concen: 49.450 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

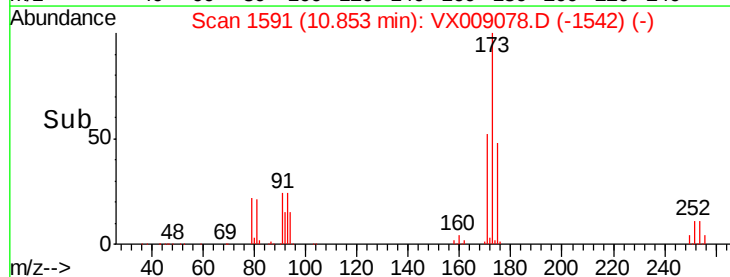
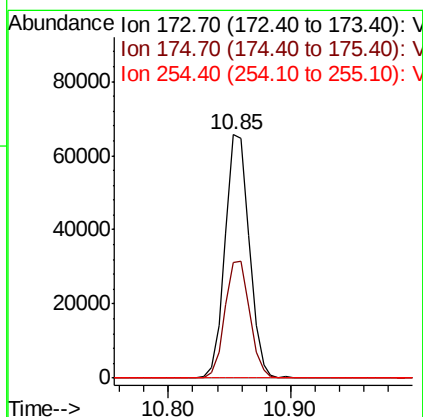
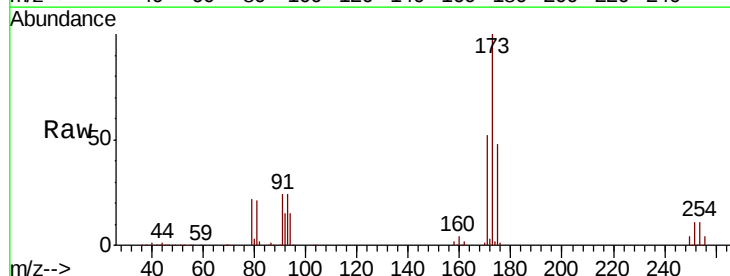
Instrument :
MSVOA_X
ClientSampleId :
GMW-7MS

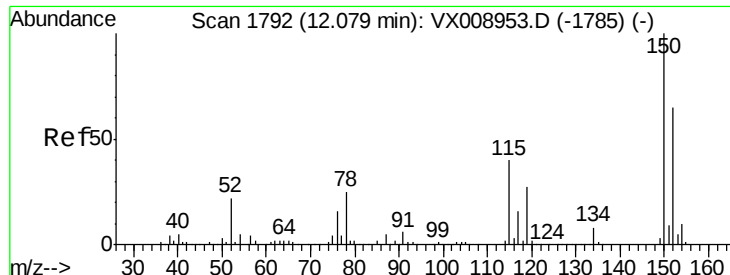
Tot Ion:104 Resp: 331944
Ion Ratio Lower Upper
104 100
78 52.8 41.2 61.8
103 55.7 43.9 65.9



#71
Bromoform
Concen: 53.404 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Tgt Ion:173 Resp: 89817
Ion Ratio Lower Upper
173 100
175 49.1 23.9 71.8
254 0.2 0.2 0.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MS

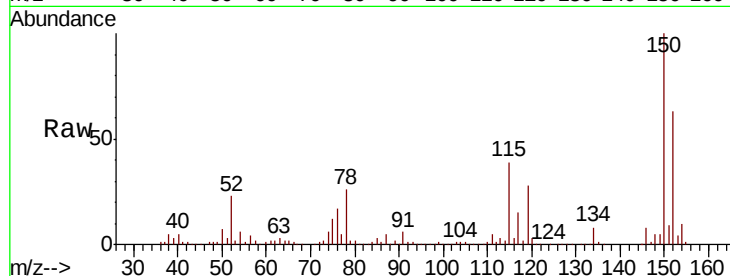
Tot Ion:152 Resp: 128884

Ion Ratio Lower Upper

152 100

115 84.9 41.4 124.2

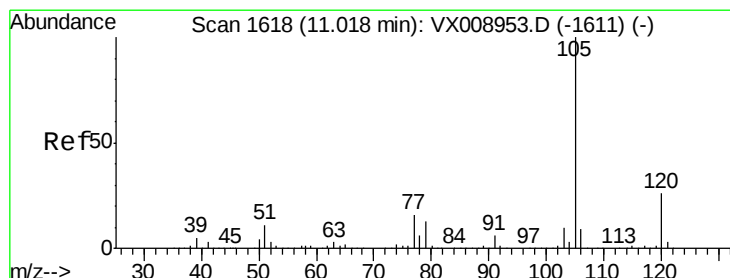
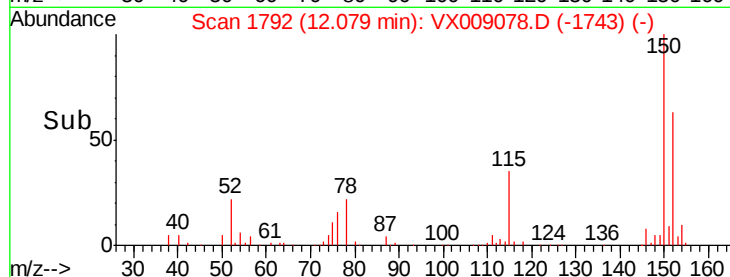
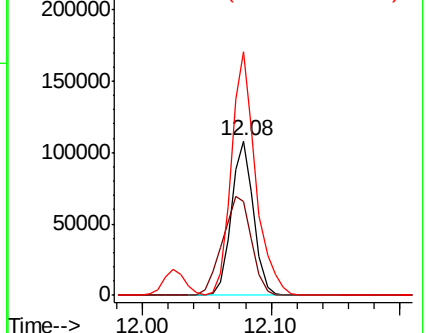
150 173.1 0.0 349.8



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: 53.274 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009078.D

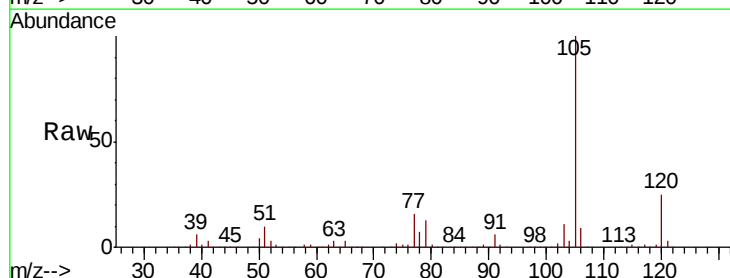
Acq: 19 Apr 2019 18:15

Tgt Ion:105 Resp: 520449

Ion Ratio Lower Upper

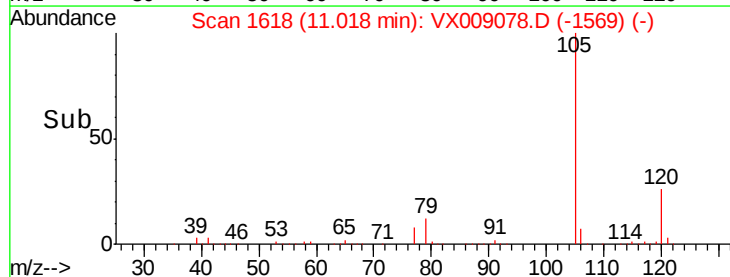
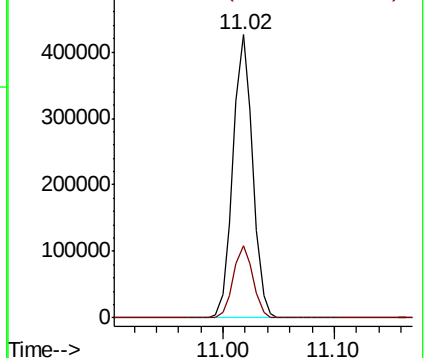
105 100

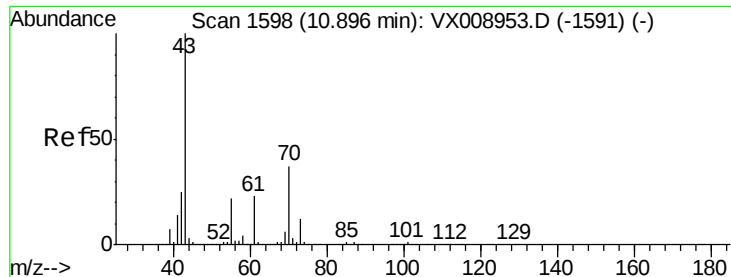
120 25.5 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 53.468 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MS

Tot Ion: 43 Resp: 299915

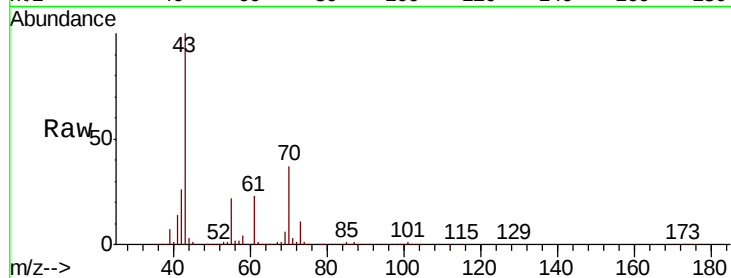
Ion Ratio Lower Upper

43 100

70 37.0 29.9 44.9

55 22.5 17.8 26.8

61 22.4 18.3 27.5

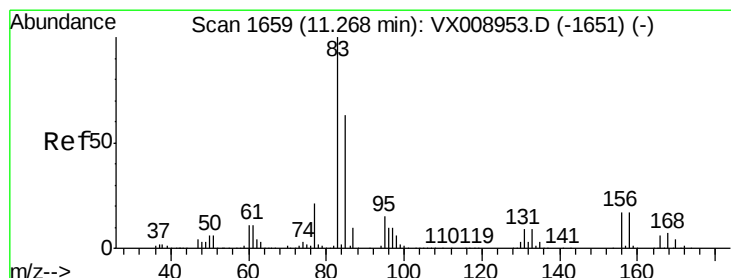
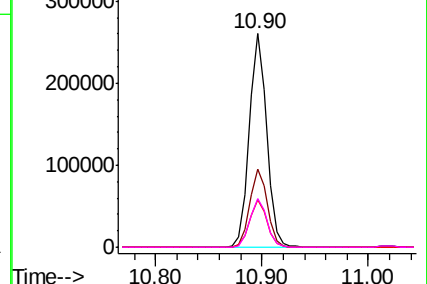
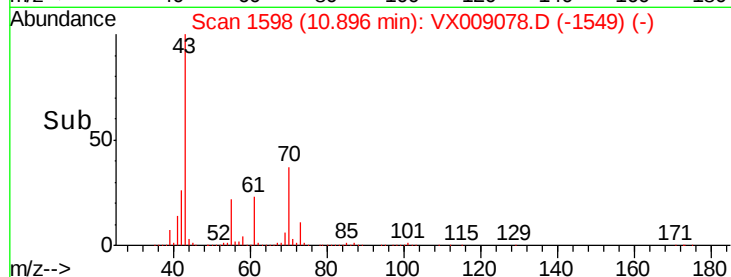


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 56.266 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

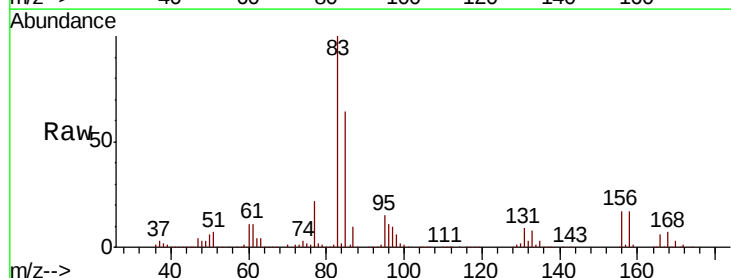
Tgt Ion: 83 Resp: 200839

Ion Ratio Lower Upper

83 100

131 9.2 4.7 14.0

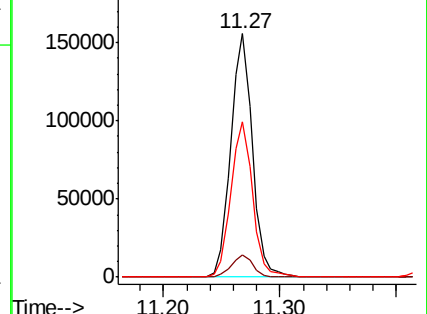
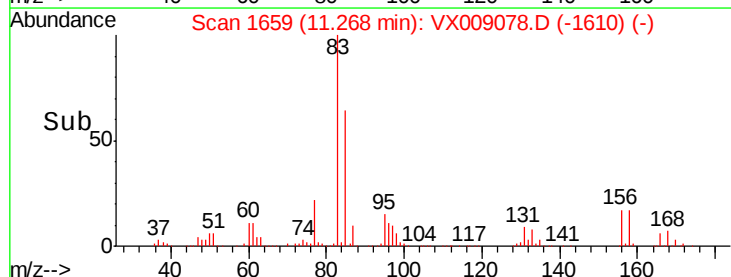
85 64.1 31.9 95.9

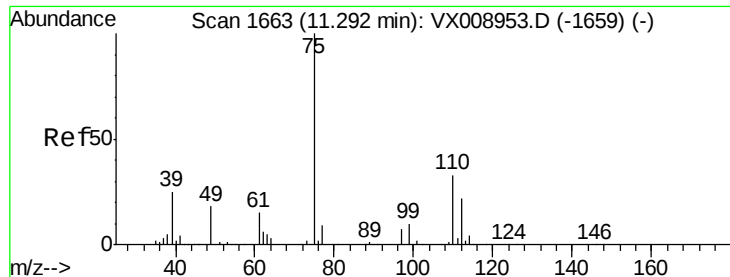


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

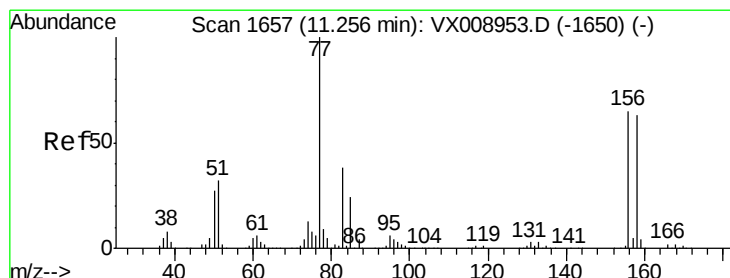
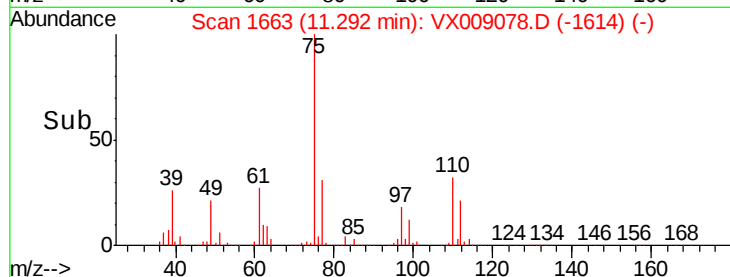
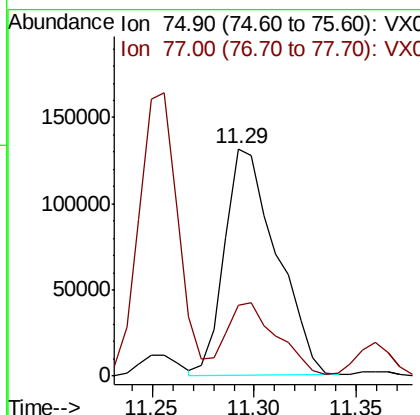
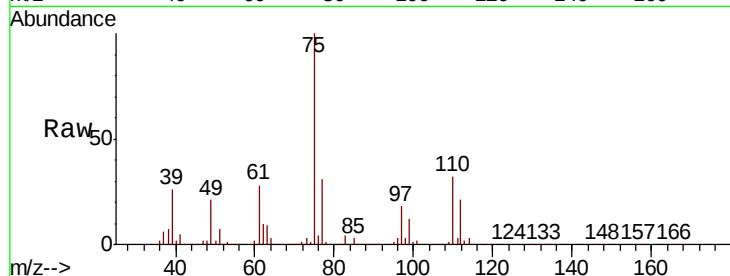




#76
 1,2,3-Trichloropropane
 Concen: 73.716 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

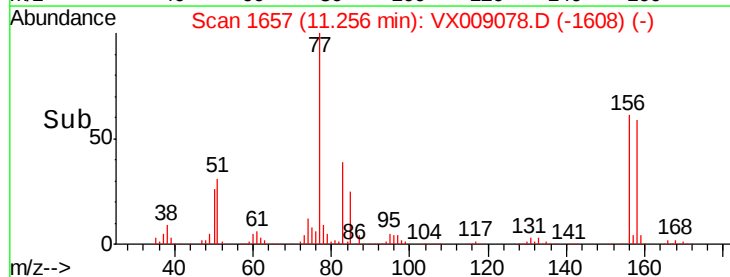
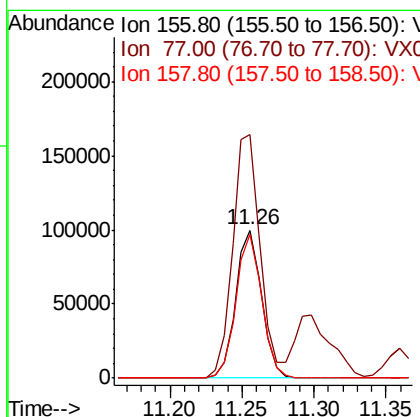
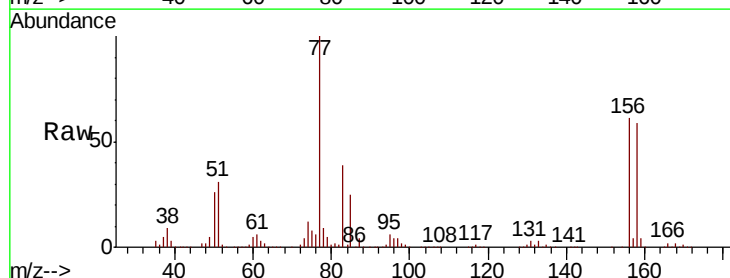
Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MS

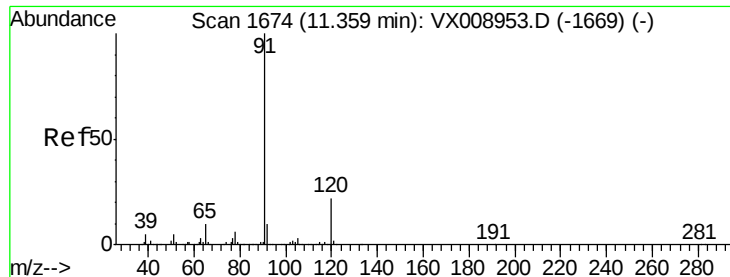
Tot Ion: 75 Resp: 231992
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.7 68.0



#77
 Bromobenzene
 Concen: 50.823 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

Tgt Ion: 156 Resp: 125272
 Ion Ratio Lower Upper
 156 100
 77 173.4 85.4 256.1
 158 96.6 48.8 146.4





#78

n-propylbenzene

Concen: 52.577 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

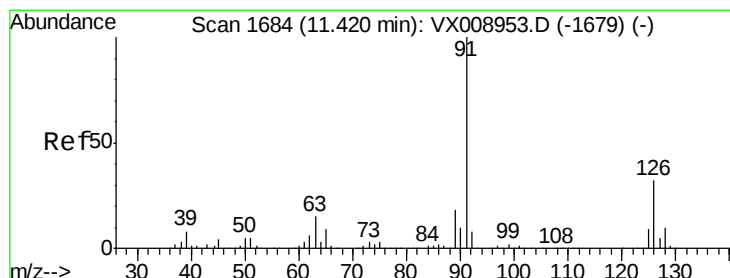
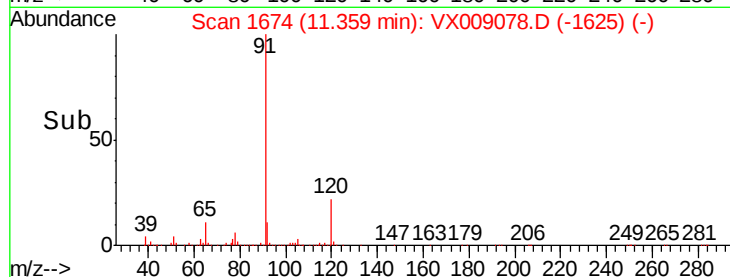
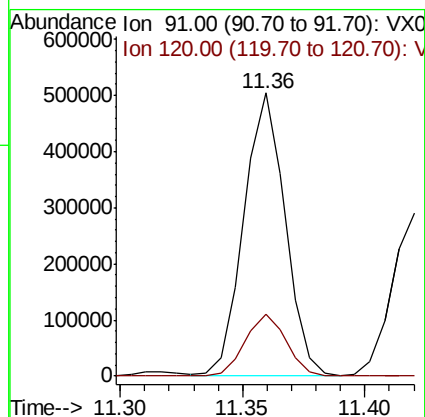
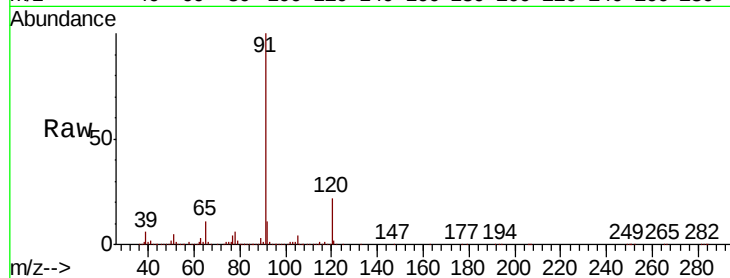
GMW-7MS

Tot Ion: 91 Resp: 589544

Ion Ratio Lower Upper

91 100

120 22.0 10.9 32.9



#79

2-Chlorotoluene

Concen: 51.637 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009078.D

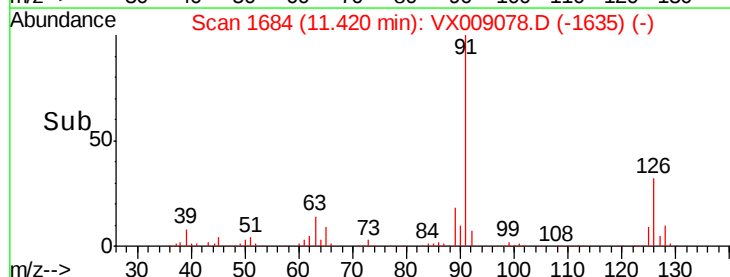
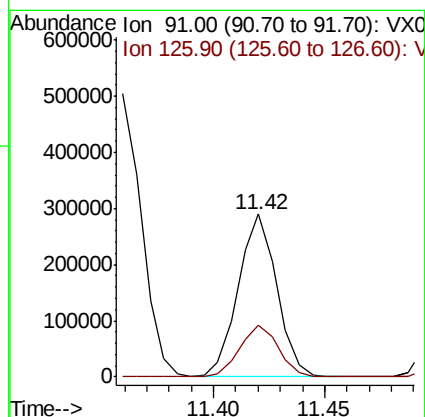
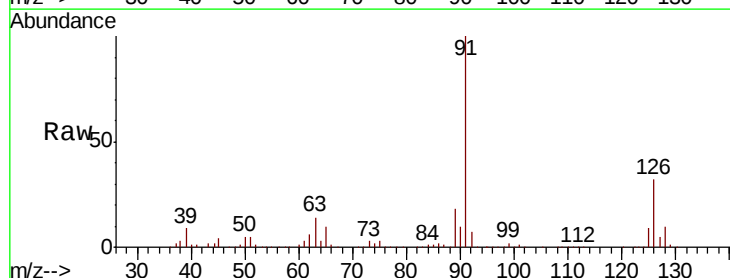
Acq: 19 Apr 2019 18:15

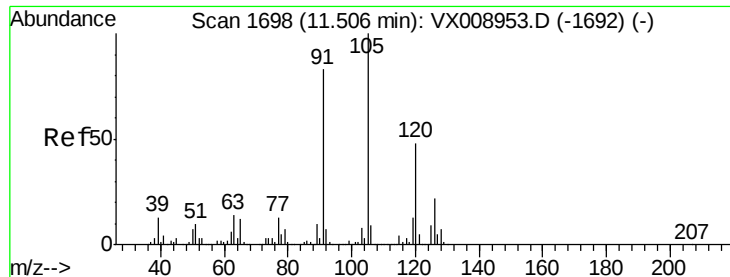
Tgt Ion: 91 Resp: 348906

Ion Ratio Lower Upper

91 100

126 32.2 16.3 48.9

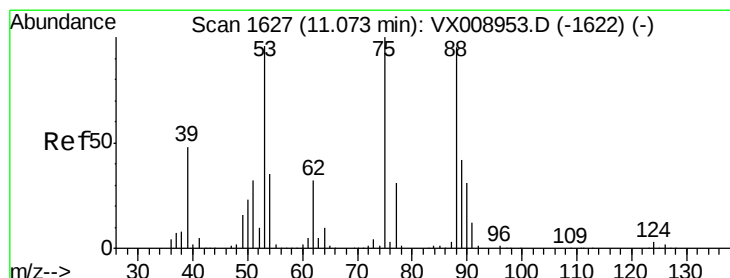
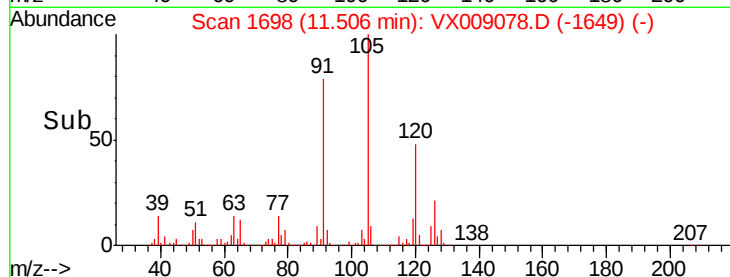
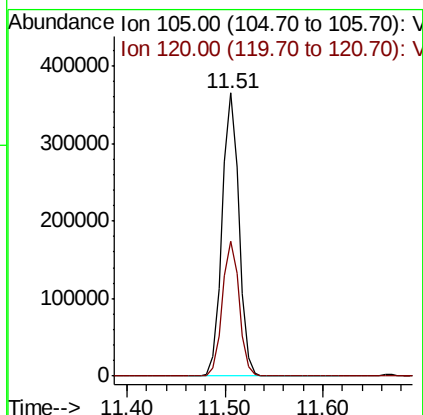
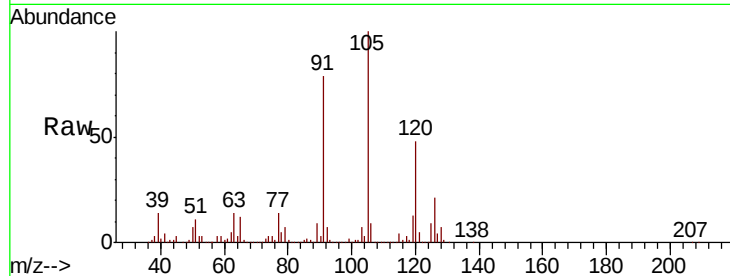




#80
 1,3,5-Trimethylbenzene
 Concen: 52.923 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

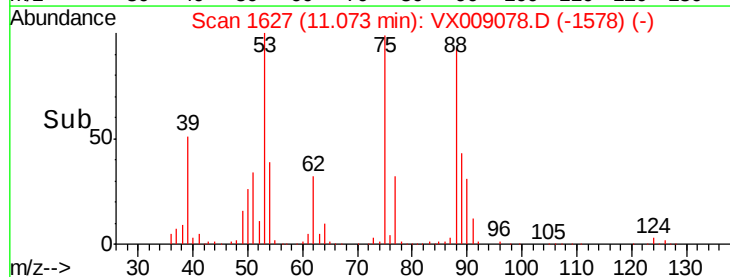
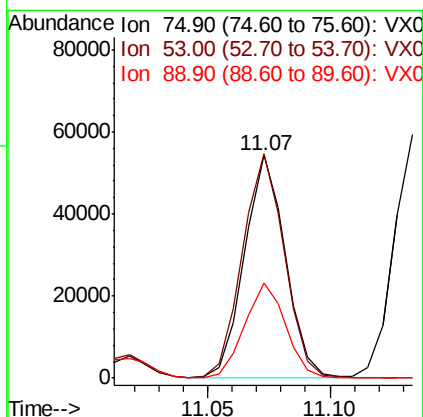
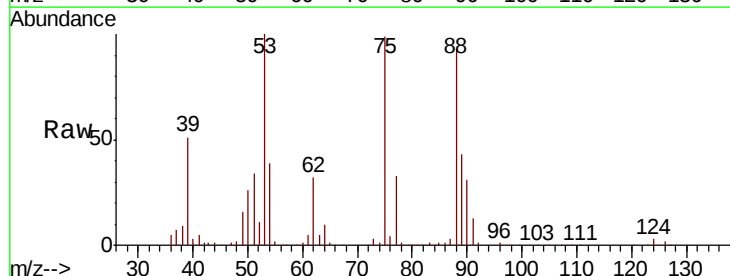
Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MS

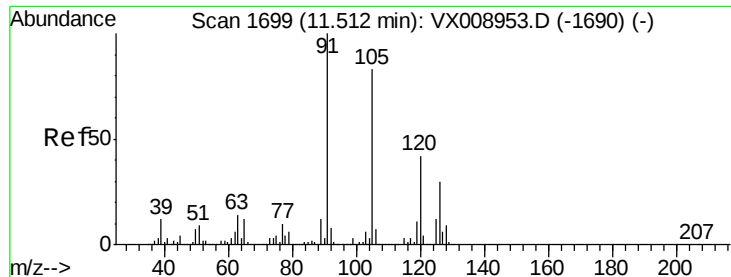
Tot Ion:105 Resp: 433858
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.1 72.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.412 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

Tgt Ion: 75 Resp: 63023
 Ion Ratio Lower Upper
 75 100
 53 102.9 78.2 117.4
 89 43.4 36.0 54.0

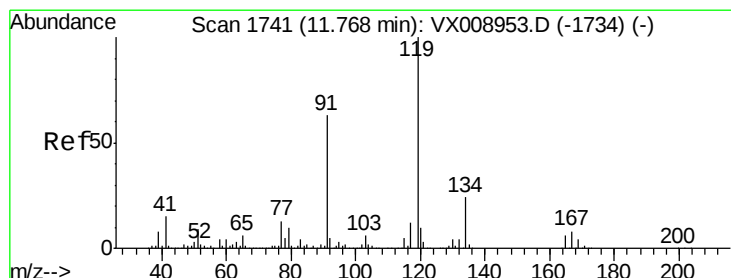
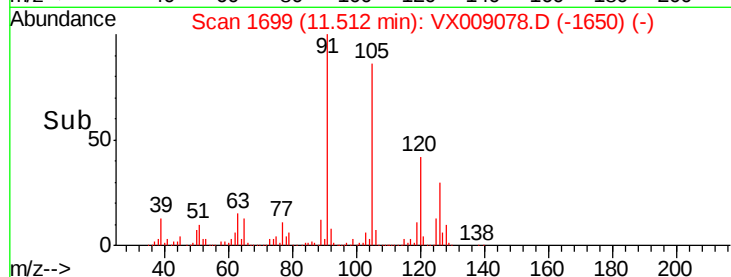
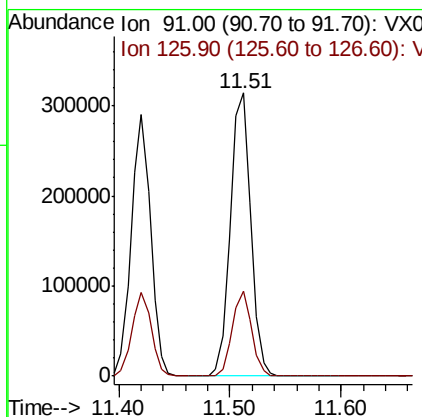
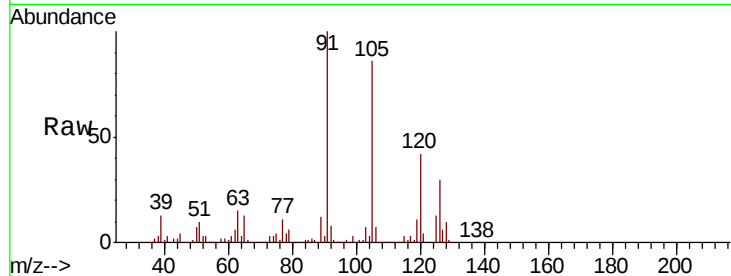




#82
4-Chlorotoluene
Concen: 50.649 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

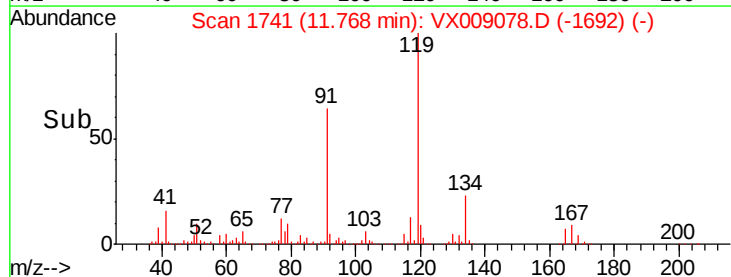
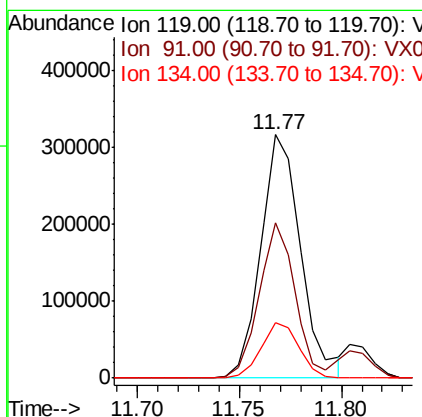
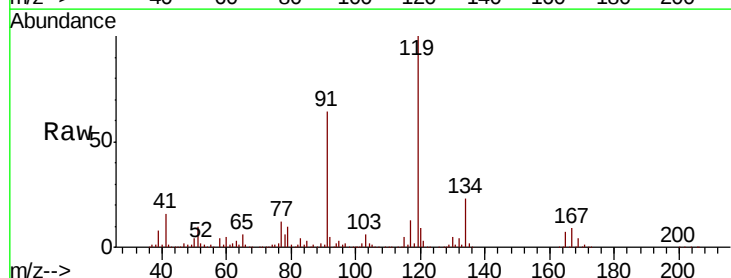
Instrument :
MSVOA_X
ClientSampleId :
GMW-7MS

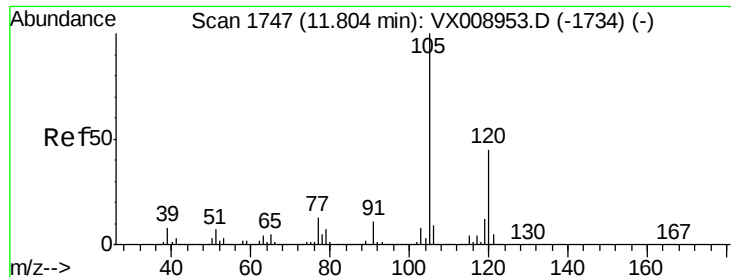
Tot Ion: 91 Resp: 397457
Ion Ratio Lower Upper
91 100
126 28.5 14.3 42.9



#83
tert-Butylbenzene
Concen: 54.633 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Tgt Ion: 119 Resp: 430005
Ion Ratio Lower Upper
119 100
91 57.6 29.7 89.1
134 21.6 11.2 33.5

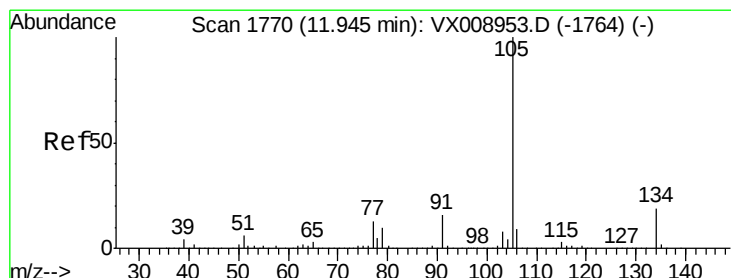
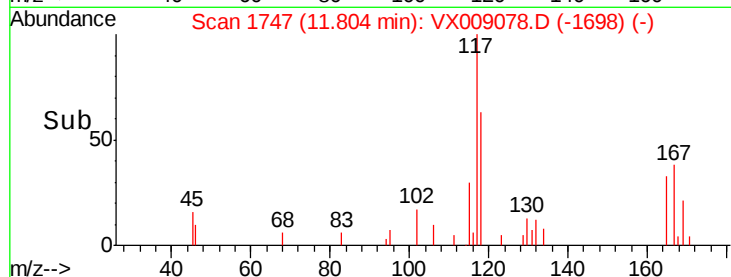
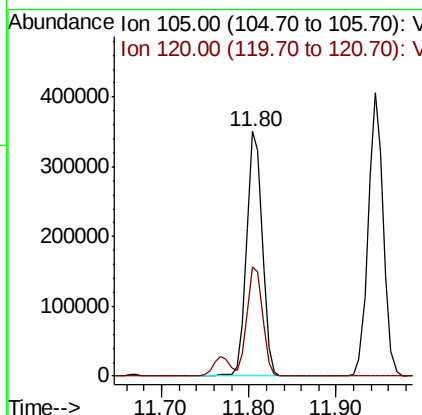
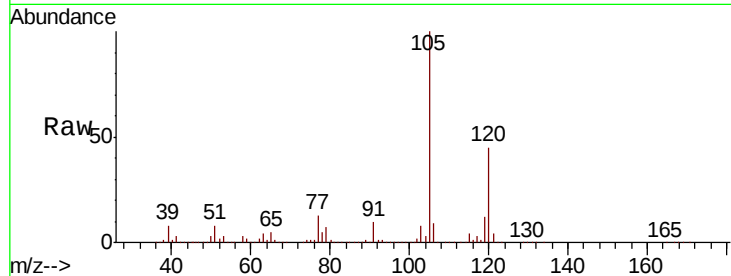




#84
 1,2,4-Trimethylbenzene
 Concen: 51.894 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

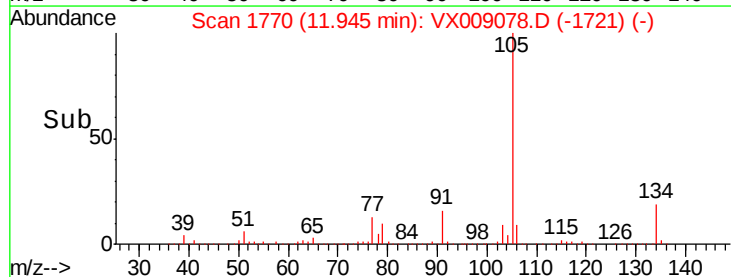
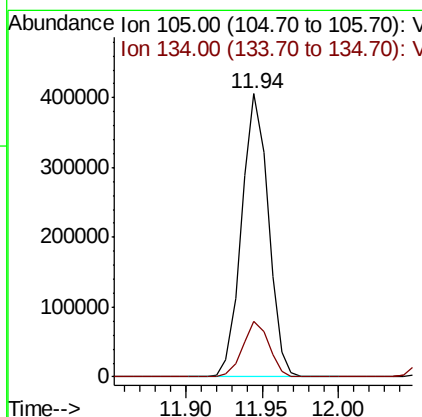
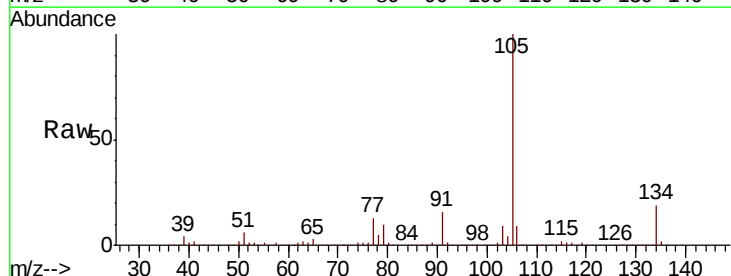
Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MS

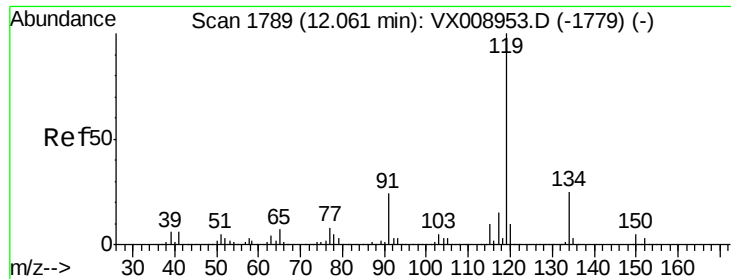
Tot Ion:105 Resp: 433051
 Ion Ratio Lower Upper
 105 100
 120 44.3 21.9 65.8



#85
 sec-Butylbenzene
 Concen: 52.285 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

Tgt Ion:105 Resp: 490806
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.6

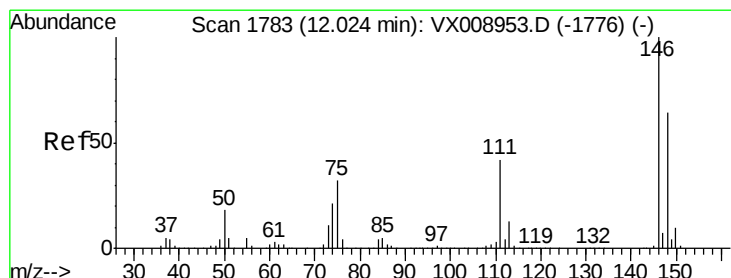
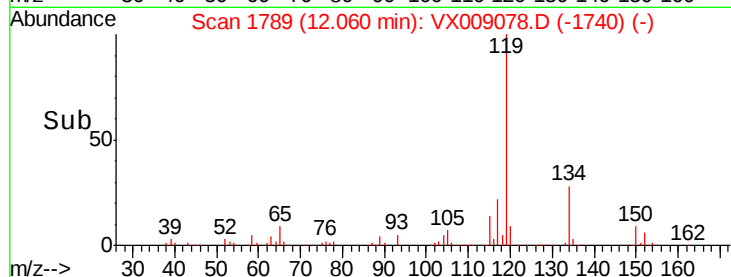
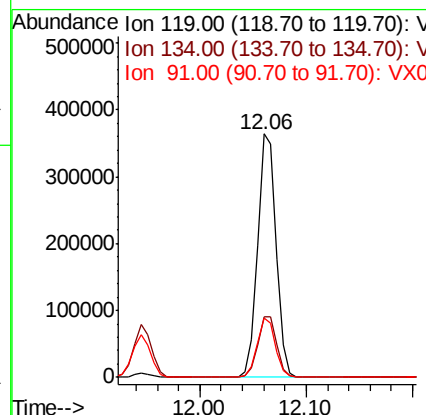
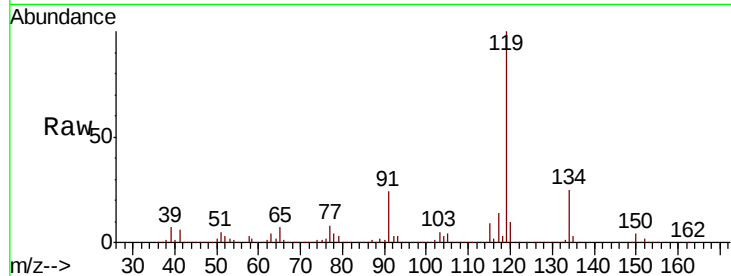




#86
 p-Isopropyltoluene
 Concen: 51.417 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

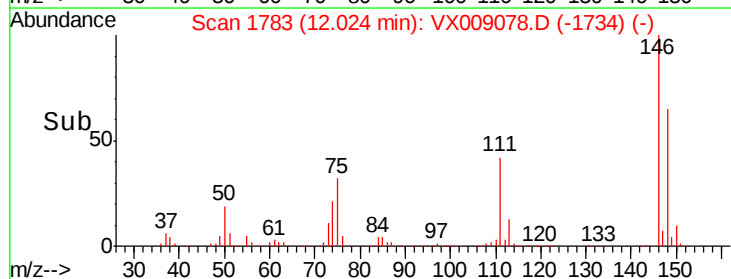
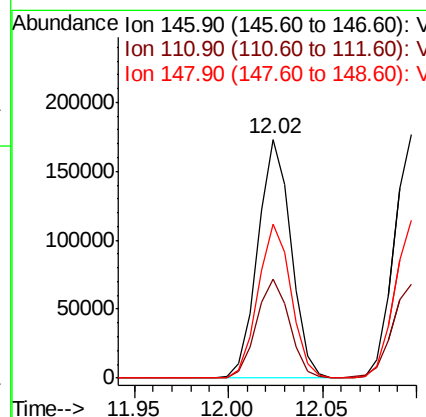
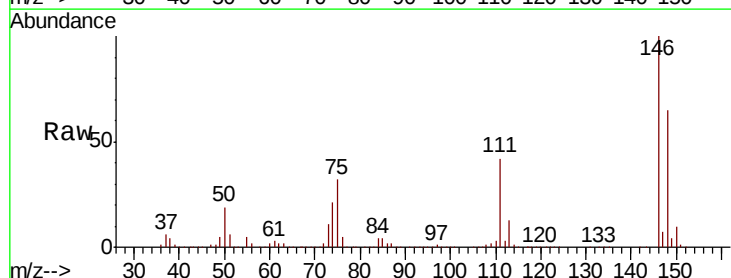
Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MS

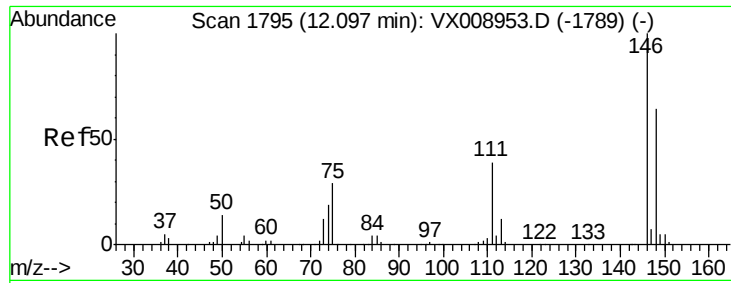
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.9	38.6
91	23.9	11.9	35.5



#87
 1,3-Dichlorobenzene
 Concen: 49.019 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.5	61.6
148	64.0	32.2	96.6





#88

1,4-Dichlorobenzene

Concen: 48.424 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MS

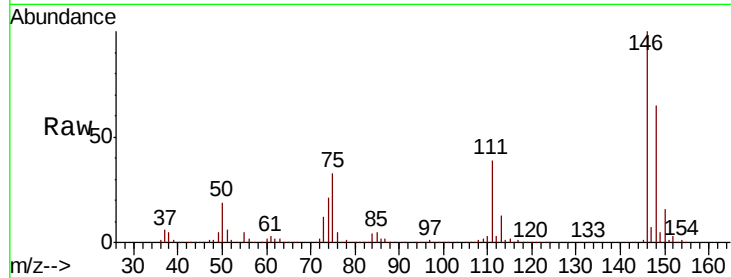
Tot Ion:146 Resp: 211766

Ion Ratio Lower Upper

146 100

111 39.5 20.0 59.9

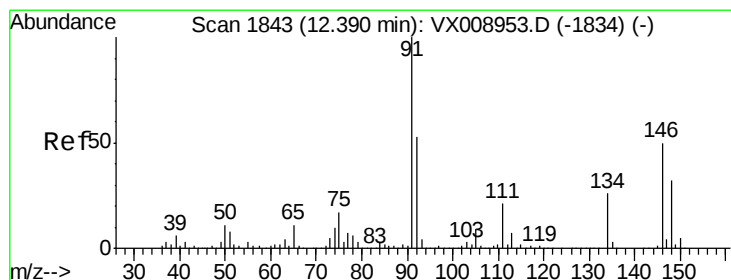
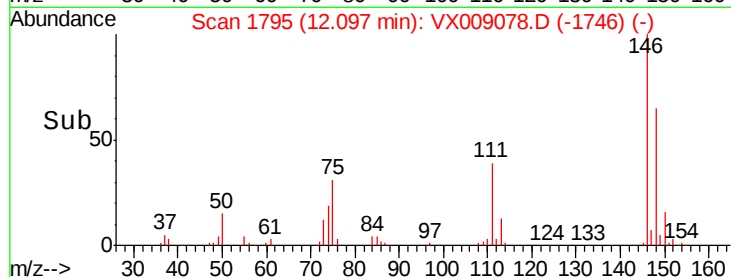
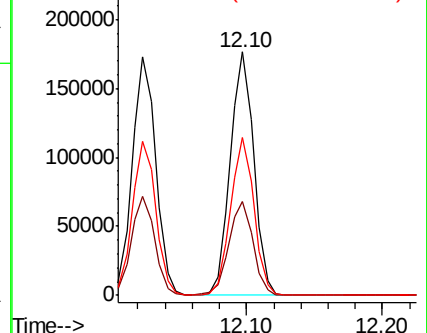
148 64.2 32.2 96.6



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: 49.512 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

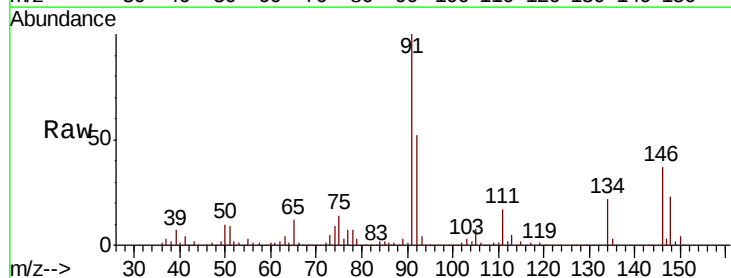
Tgt Ion: 91 Resp: 397956

Ion Ratio Lower Upper

91 100

92 52.7 26.6 79.8

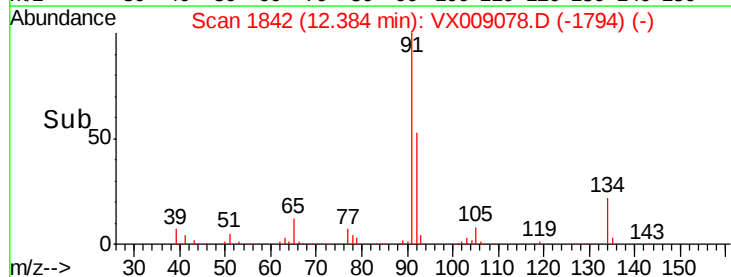
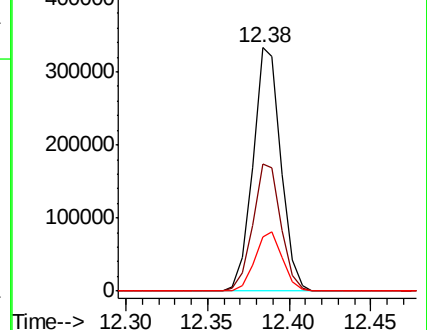
134 24.2 12.4 37.2

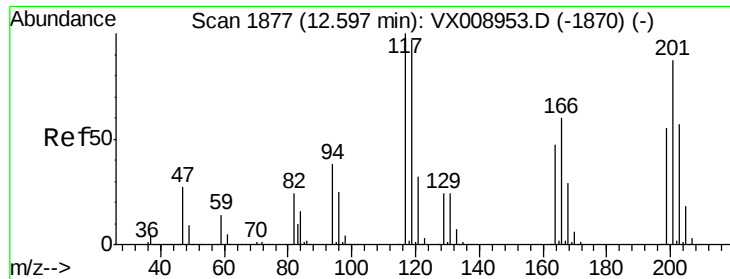


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

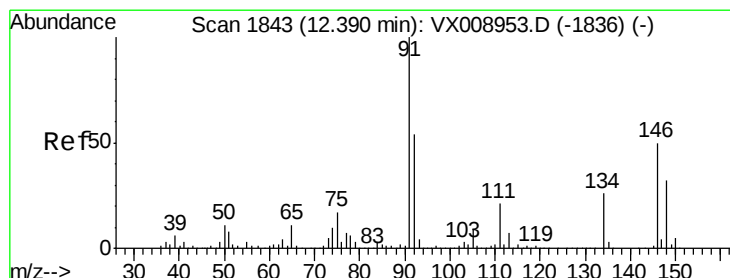
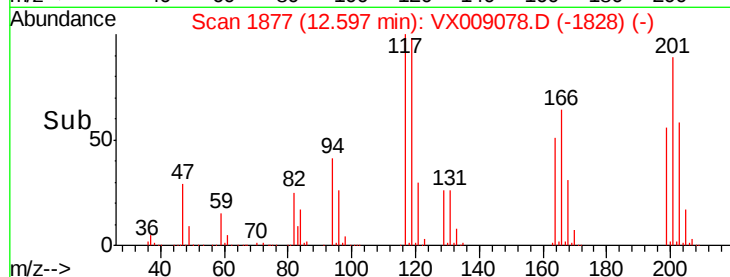
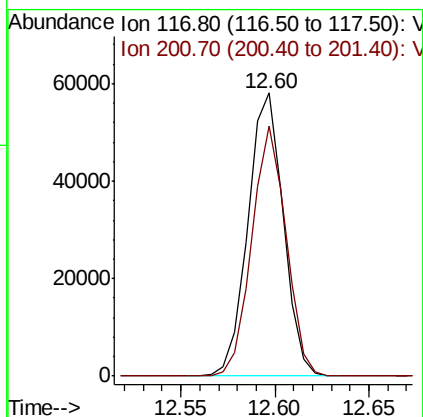
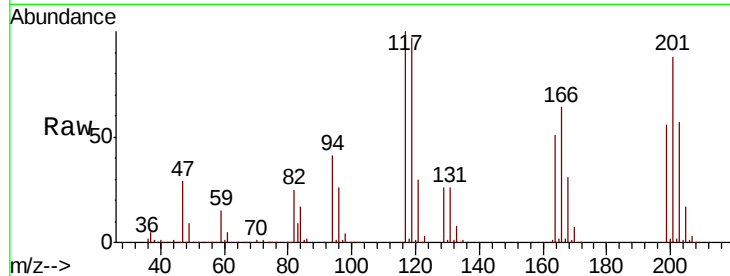




#90
Hexachloroethane
Concen: 53.079 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

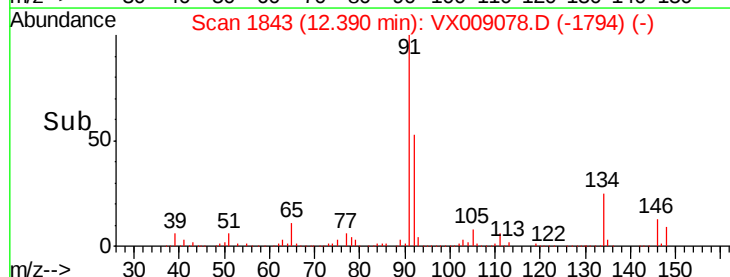
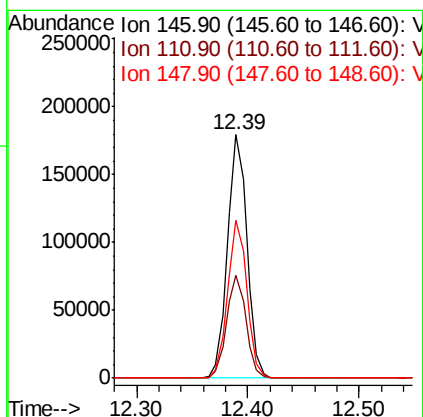
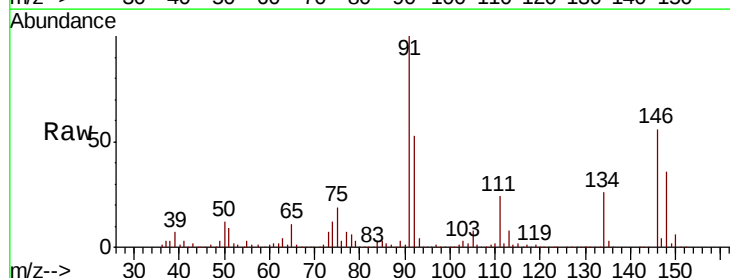
Instrument :
MSVOA_X
ClientSampleId :
GMW-7MS

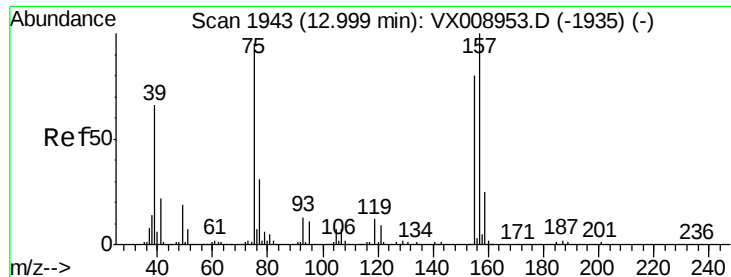
Tot Ion:117 Resp: 75564
Ion Ratio Lower Upper
117 100
201 85.5 43.0 129.0



#91
1,2-Dichlorobenzene
Concen: 51.010 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Tgt Ion:146 Resp: 217300
Ion Ratio Lower Upper
146 100
111 41.9 20.6 61.9
148 63.9 32.0 96.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 56.960 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MS

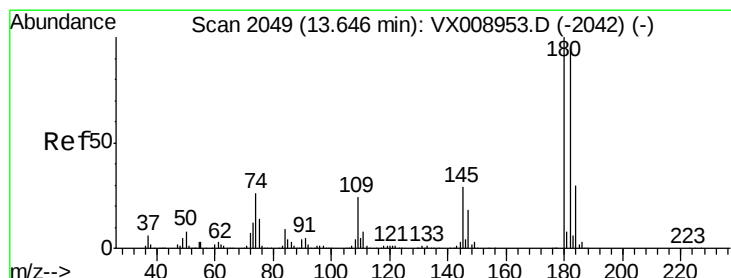
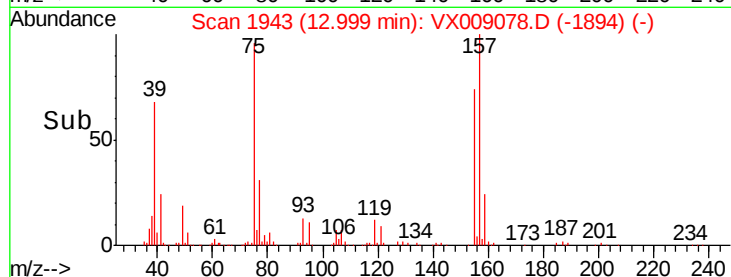
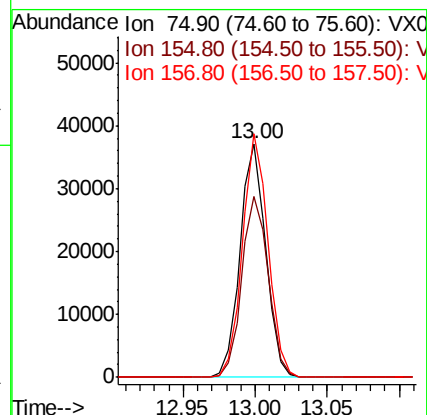
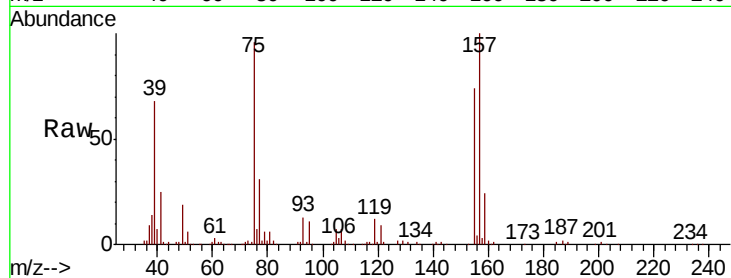
Tot Ion: 75 Resp: 46292

Ion Ratio Lower Upper

75 100

155 79.1 41.2 123.6

157 102.8 52.5 157.6



#93

1,2,4-Trichlorobenzene

Concen: 45.972 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

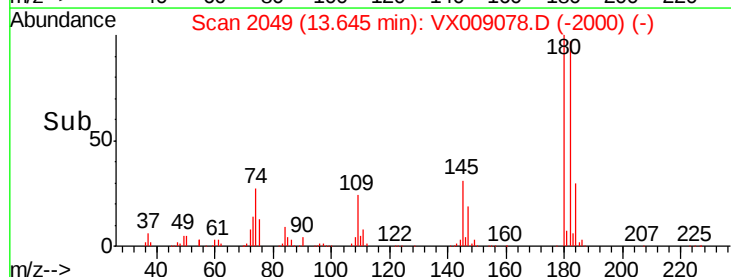
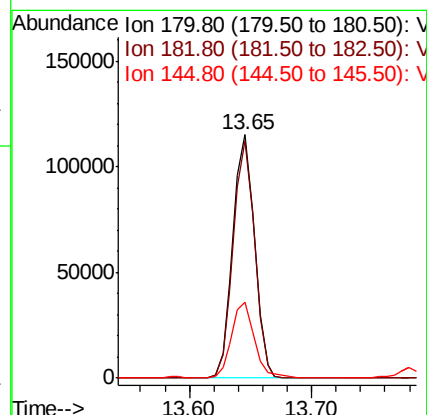
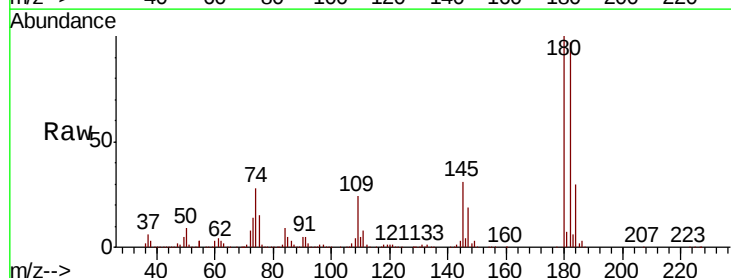
Tgt Ion:180 Resp: 141370

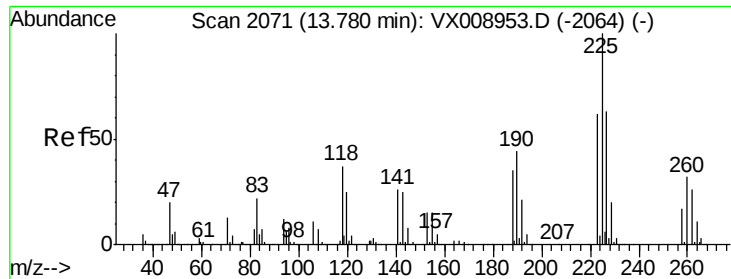
Ion Ratio Lower Upper

180 100

182 96.3 47.6 142.9

145 32.8 14.8 44.4





#94

Hexachlorobutadiene

Concen: 45.915 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MS

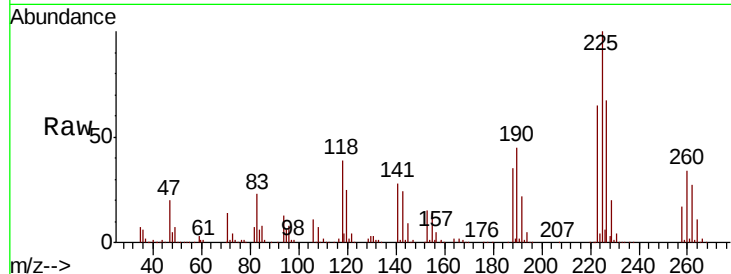
Tot Ion:225 Resp: 70422

Ion Ratio Lower Upper

225 100

223 63.3 31.1 93.2

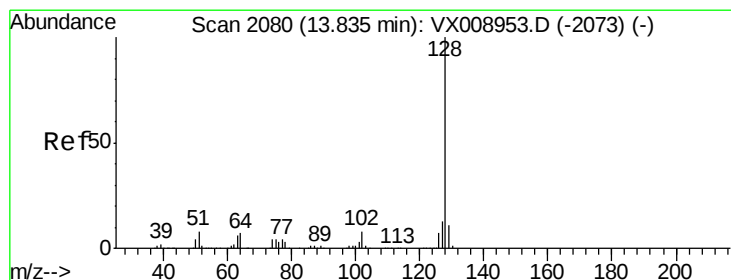
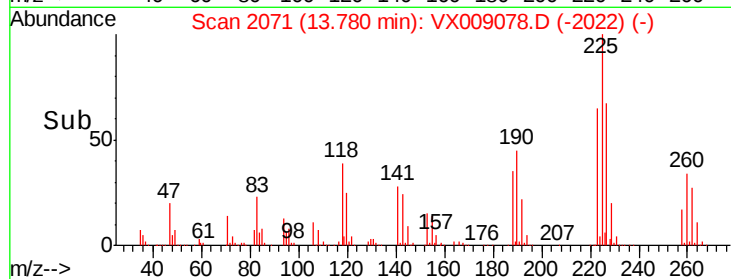
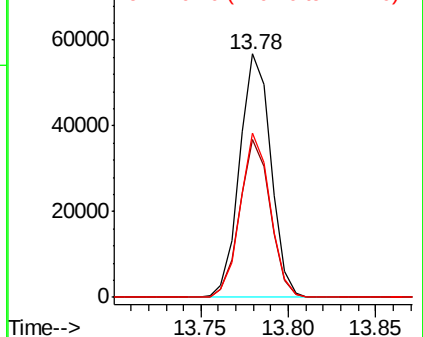
227 64.7 32.0 96.2



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: 50.579 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

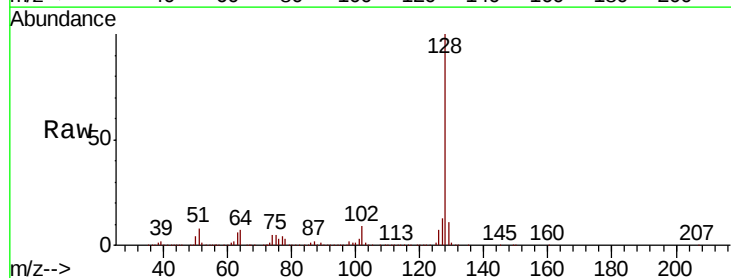
Tgt Ion:128 Resp: 498311

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

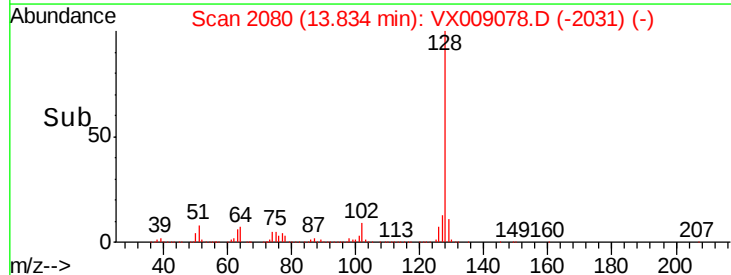
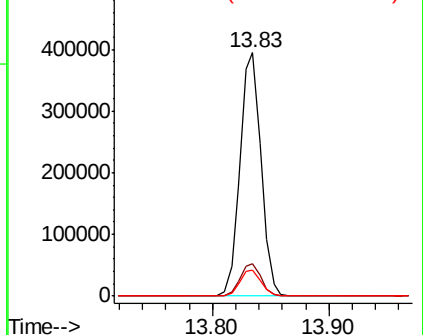
129 11.0 8.6 13.0

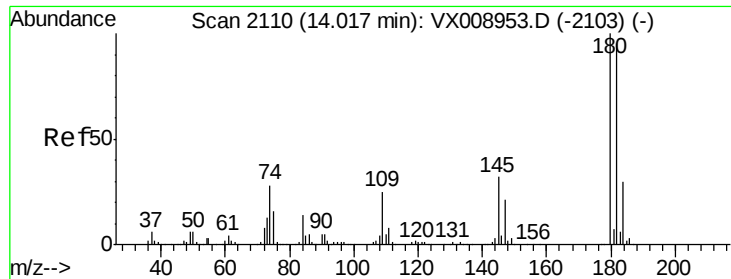


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

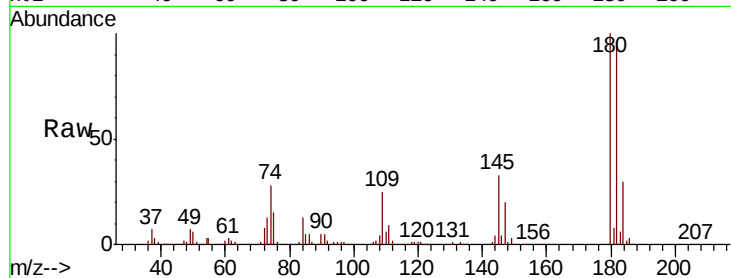




#96
 1,2,3-Trichlorobenzene
 Concen: 48.403 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.9	47.8	143.4
145	33.1	15.8	47.3



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

