

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX042919\
 Data File : VX009230.D
 Acq On : 30 Apr 2019 00:09
 Operator : JC/SP
 Sample : K2594-05MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423MSD

Quant Time: Apr 30 07:24:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	185163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	307207	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	280289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135285	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	127615	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
35) Dibromofluoromethane	5.50	113	95622	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	8.71	98	382056	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
62) 4-Bromofluorobenzene	11.13	95	140131	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	80041	46.909	ug/l	99
3) Chloromethane	1.32	50	113540	48.739	ug/l	99
4) Vinyl Chloride	1.41	62	116903	51.463	ug/l	99
5) Bromomethane	1.64	94	65960	48.378	ug/l	95
6) Chloroethane	1.71	64	70070	48.044	ug/l	100
7) Trichlorofluoromethane	1.92	101	133541	48.362	ug/l	98
8) Diethyl Ether	2.19	74	63993	48.926	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79195	45.672	ug/l	99
10) Methyl Iodide	2.51	142	97509	48.546	ug/l	100
11) Tert butyl alcohol	3.05	59	139149	237.821	ug/l	100
12) 1,1-Dichloroethene	2.37	96	86943	50.043	ug/l	96
13) Acrolein	2.29	56	120478	227.366	ug/l	100
14) Allyl chloride	2.73	41	203483	48.060	ug/l	100
15) Acrylonitrile	3.14	53	358426	250.540	ug/l	100
16) Acetone	2.45	43	298002	219.559	ug/l	99
17) Carbon Disulfide	2.57	76	246166	50.467	ug/l	99
18) Methyl Acetate	2.77	43	154700	47.926	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	341206	50.574	ug/l	99
20) Methylene Chloride	2.85	84	105052	47.803	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	94783	50.305	ug/l	98
22) Diisopropyl ether	3.85	45	412587	50.671	ug/l	99
23) Vinyl Acetate	3.81	43	1760305	252.466	ug/l	100
24) 1,1-Dichloroethane	3.70	63	200946	50.027	ug/l	100
25) 2-Butanone	4.67	43	520245	246.660	ug/l	100
26) 2,2-Dichloropropane	4.58	77	117815	39.405	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	118653	52.759	ug/l	97
28) Bromochloromethane	5.01	49	82186	50.876	ug/l	99
29) Tetrahydrofuran	5.13	42	348668	256.896	ug/l	100
30) Chloroform	5.21	83	181612	49.991	ug/l	99
31) Cyclohexane	5.57	56	181832	48.657	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	149722	49.508	ug/l	99
36) 1,1-Dichloropropene	5.80	75	137866	48.291	ug/l	98
37) Ethyl Acetate	4.84	43	192573	48.413	ug/l	99
38) Carbon Tetrachloride	5.79	117	124384	47.953	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	157634	44.960	ug/l	99
40) Benzene	6.14	78	428531	48.501	ug/l	99
41) Methacrylonitrile	5.04	41	111757	47.198	ug/l	97
42) 1,2-Dichloroethane	6.19	62	154447	48.730	ug/l	100
43) Isopropyl Acetate	6.45	43	312254	49.076	ug/l	100
44) Trichloroethene	7.21	130	100447	47.026	ug/l	100
45) 1,2-Dichloropropane	7.51	63	122108	48.807	ug/l	99
46) Dibromomethane	7.66	93	69795	48.040	ug/l	100
47) Bromodichloromethane	7.90	83	142607	49.208	ug/l	99
48) Methyl methacrylate	7.77	41	159947	50.670	ug/l	99
49) 1,4-Dioxane	7.74	88	52955	827.210	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1035932	249.098	ug/l	100
52) Toluene	8.79	92	257938	48.026	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	159707	48.811	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	174844	48.279	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	106591	48.646	ug/l	97
56) Ethyl methacrylate	9.18	69	194160	49.640	ug/l	99
57) 1,3-Dichloropropane	9.37	76	187027	48.504	ug/l	100
59) 2-Hexanone	9.49	43	804658	246.357	ug/l	100
60) Dibromochloromethane	9.58	129	106510	49.769	ug/l	99
61) 1,2-Dibromoethane	9.67	107	108811	49.195	ug/l	100
64) Tetrachloroethene	9.34	164	85663	44.554	ug/l	99
65) Chlorobenzene	10.13	112	279900	49.919	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	98068	48.243	ug/l	100
67) Ethyl Benzene	10.25	91	491722	47.652	ug/l	99
68) m/p-Xylenes	10.36	106	362154	96.039	ug/l	99
69) o-Xylene	10.69	106	179325	48.198	ug/l	100
70) Styrene	10.71	104	314089	48.571	ug/l	99
71) Bromoform	10.85	173	80910	48.979	ug/l #	99
73) Isopropylbenzene	11.02	105	471511	47.929	ug/l	100
74) N-amyl acetate	10.90	43	279981	48.815	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	179131	48.844	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	204463	65.155	ug/l	82
77) Bromobenzene	11.26	156	116964	47.901	ug/l	100
78) n-propylbenzene	11.36	91	540107	48.073	ug/l	100
79) 2-Chlorotoluene	11.42	91	325715	46.990	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	397331	47.967	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56855	46.356	ug/l	99
82) 4-Chlorotoluene	11.51	91	371485	47.440	ug/l	100
83) tert-Butylbenzene	11.77	119	385540	47.845	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	401861	48.333	ug/l	100
85) sec-Butylbenzene	11.94	105	452849	47.402	ug/l	100
86) p-Isopropyltoluene	12.06	119	408027	47.508	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	205496	47.209	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	209245	47.680	ug/l	100
89) n-Butylbenzene	12.38	91	366186	47.173	ug/l	100
90) Hexachloroethane	12.60	117	71239	48.687	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	211721	47.754	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	42292	51.406	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	150518	49.645	ug/l	98

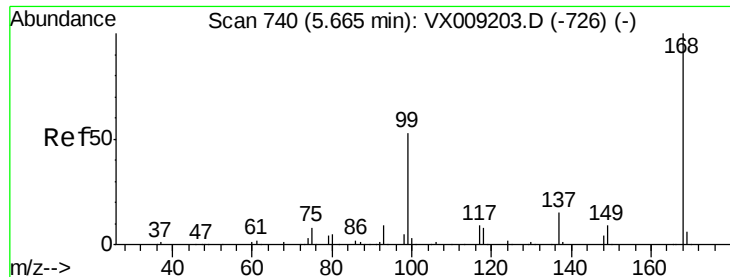
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX042919\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	71502	46.182	ug/l	99
95) Naphthalene	13.83	128	505391	51.236	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	151293	49.228	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Instrument :

MSVOA_X

ClientSampleId :

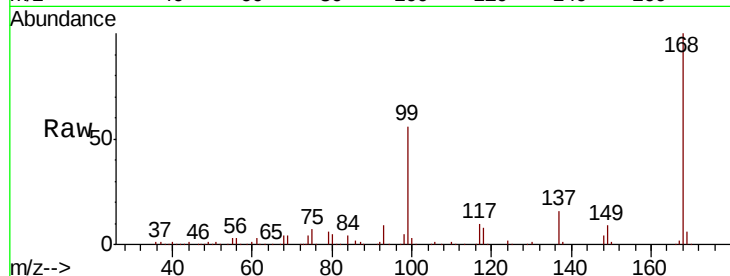
WP021MW038-190423MSD

Tgt Ion:168 Resp: 185163

Ion Ratio Lower Upper

168 100

99 56.3 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VX009230.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX009230.D (-726) (-)

5.66

60000

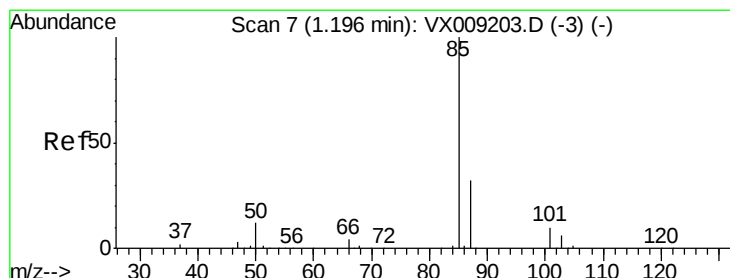
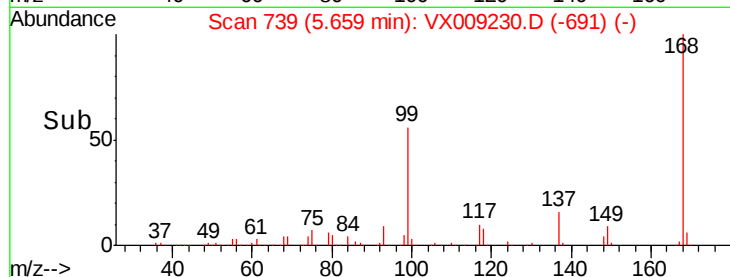
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.909 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009230.D

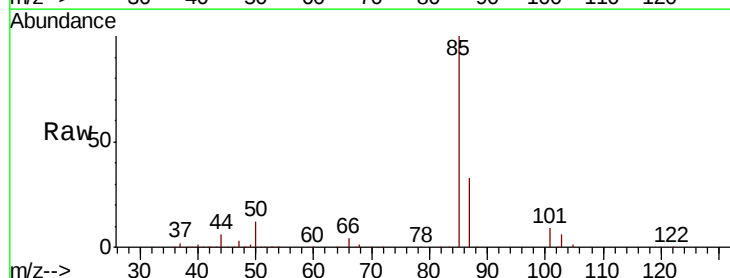
Acq: 30 Apr 2019 00:09

Tgt Ion: 85 Resp: 80041

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX009230.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX009230.D (-3) (-)

1.20

80000

60000

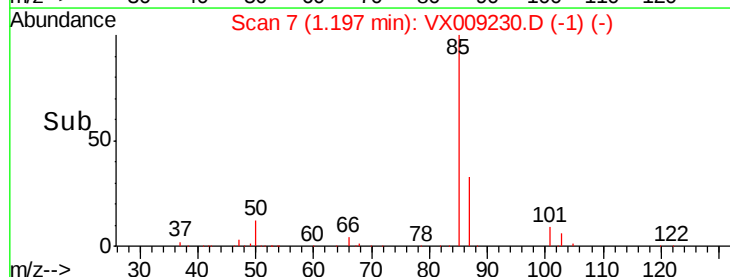
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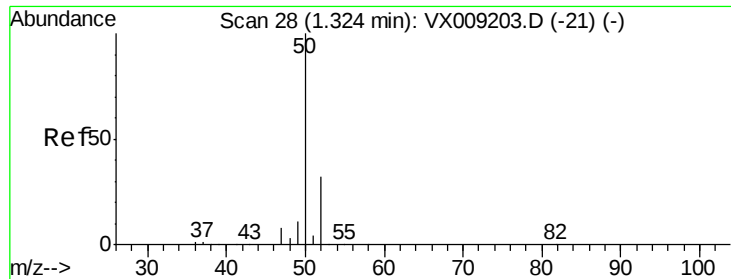
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 48.739 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Instrument :

MSVOA_X

ClientSampleId :

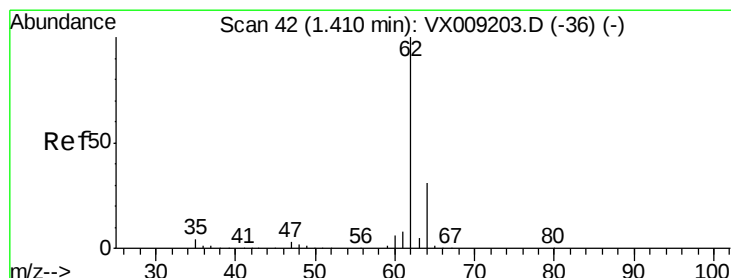
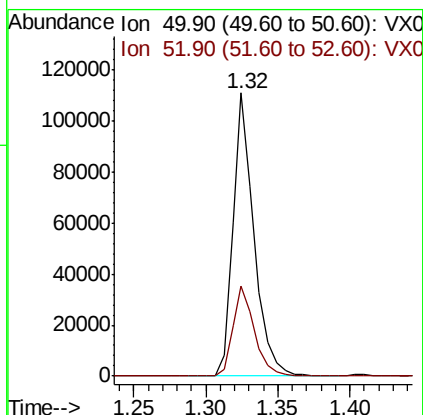
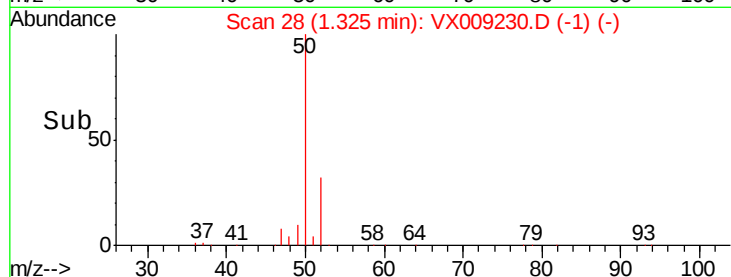
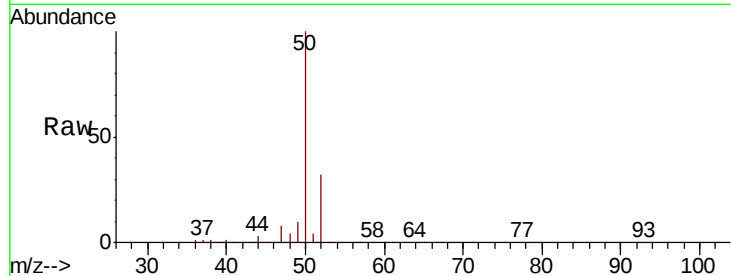
WP021MW038-190423MSD

Tgt Ion: 50 Resp: 113540

Ion Ratio Lower Upper

50 100

52 31.9 25.9 38.9



#4

Vinyl Chloride

Concen: 51.463 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009230.D

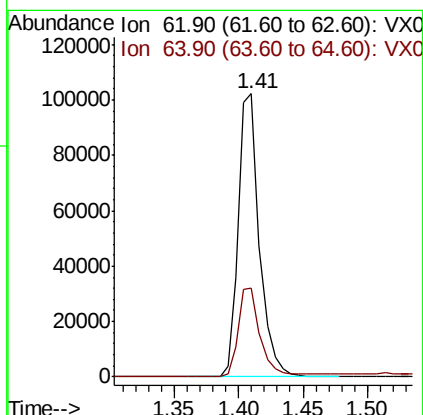
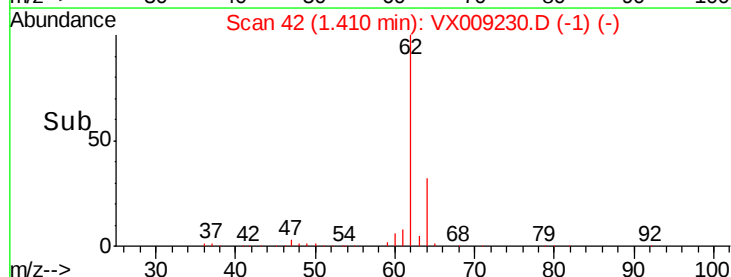
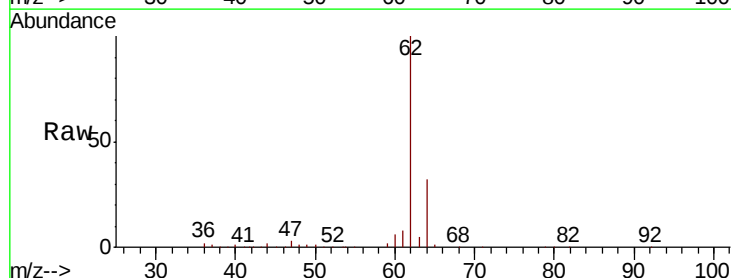
Acq: 30 Apr 2019 00:09

Tgt Ion: 62 Resp: 116903

Ion Ratio Lower Upper

62 100

64 31.5 24.6 36.8





#5

Bromomethane

Concen: 48.378 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Instrument :

MSVOA_X

ClientSampleId :

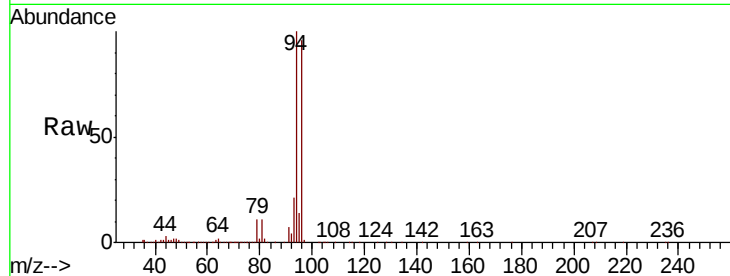
WP021MW038-190423MSD

Tgt Ion: 94 Resp: 65960

Ion Ratio Lower Upper

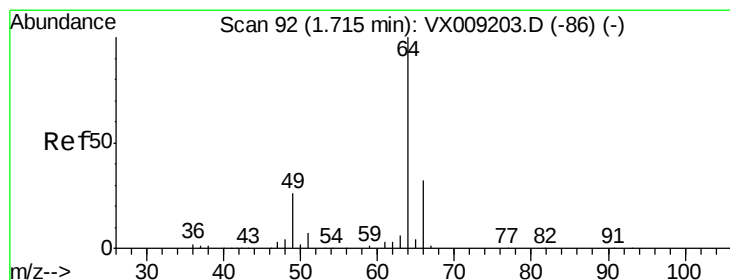
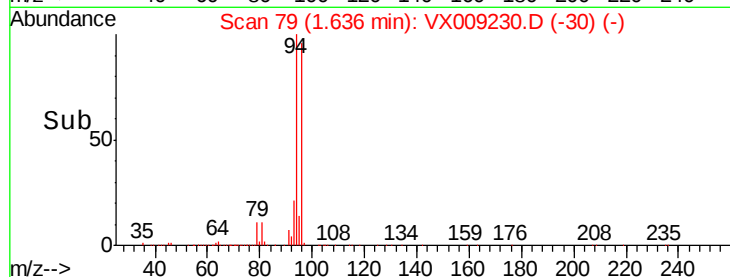
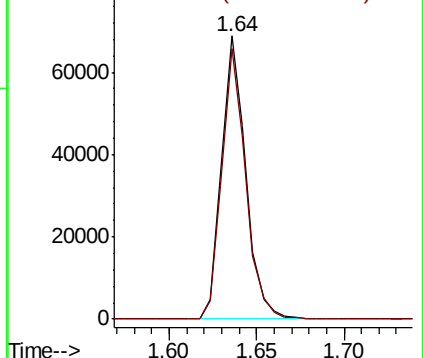
94 100

96 95.8 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.044 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009230.D

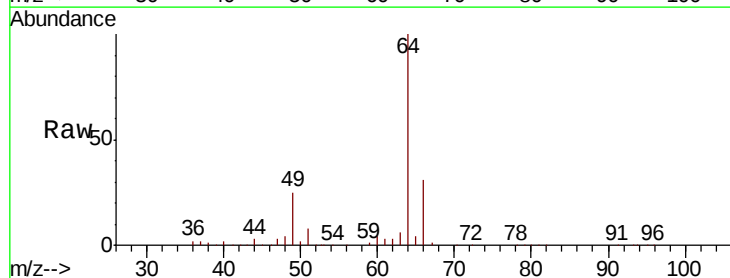
Acq: 30 Apr 2019 00:09

Tgt Ion: 64 Resp: 70070

Ion Ratio Lower Upper

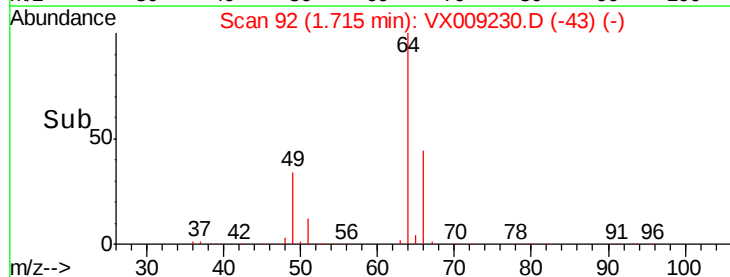
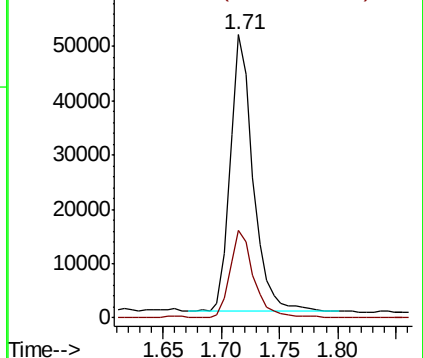
64 100

66 31.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



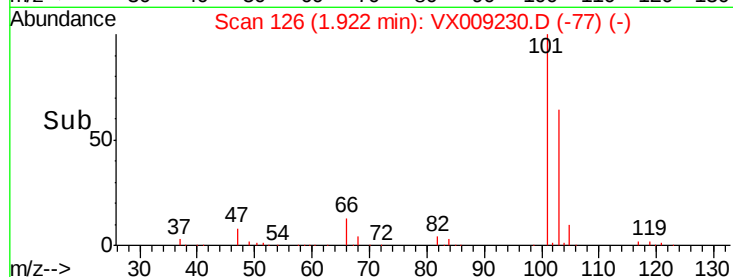
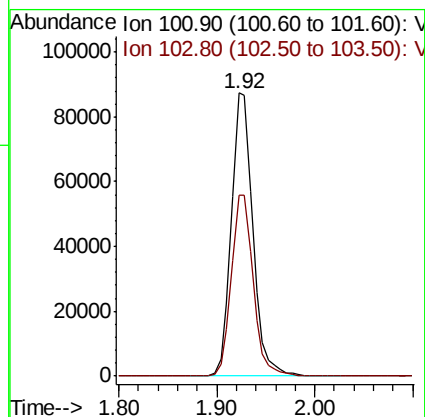
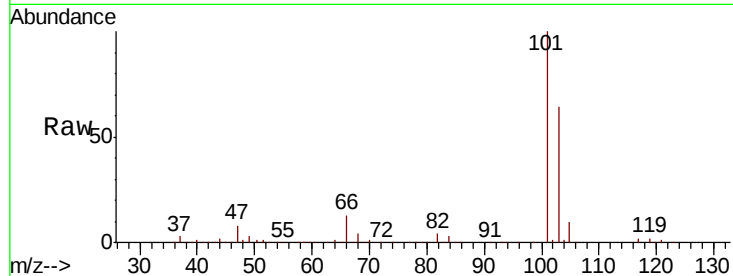


#7

Trichlorofluoromethane
Concen: 48.362 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX009230.D
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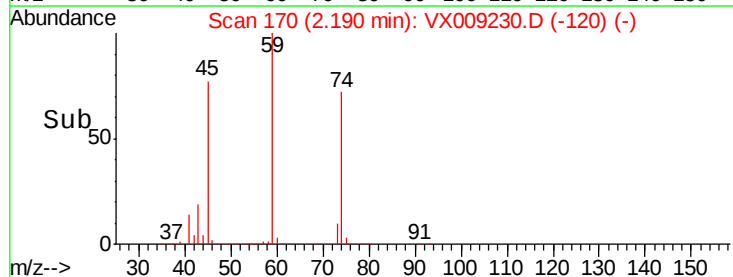
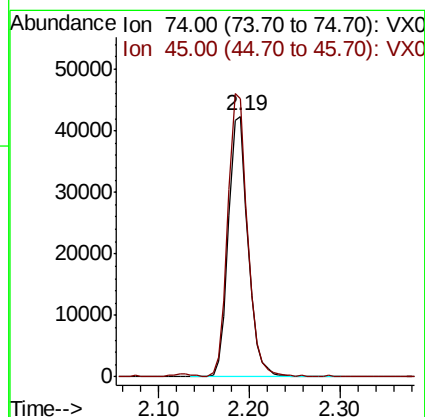
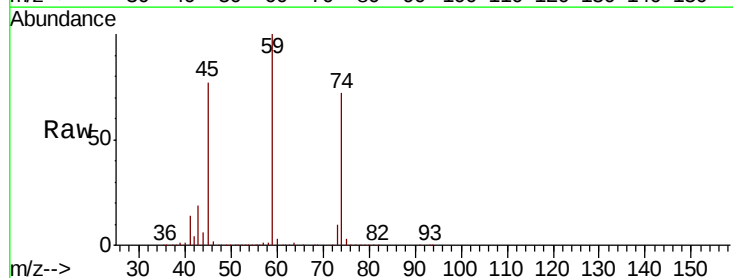
Tgt Ion: 101 Resp: 133541
Ion Ratio Lower Upper
101 100
103 63.8 52.4 78.6



#8

Diethyl Ether
Concen: 48.926 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX009230.D
Acq: 30 Apr 2019 00:09

Tgt Ion: 74 Resp: 63993
Ion Ratio Lower Upper
74 100
45 107.9 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.672 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MSD

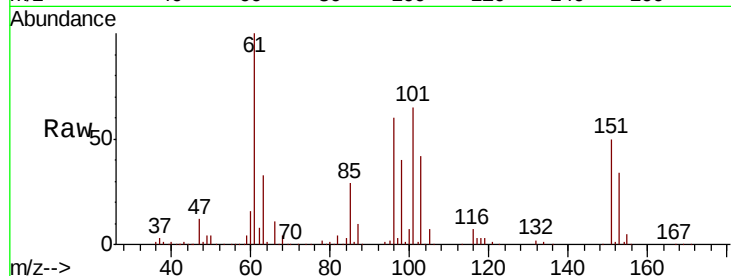
Tgt Ion:101 Resp: 79195

Ion Ratio Lower Upper

101 100

85 44.8 35.7 53.5

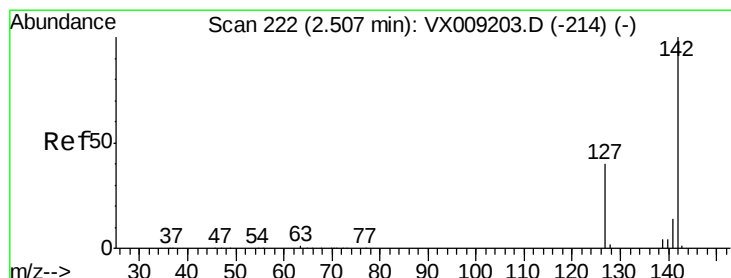
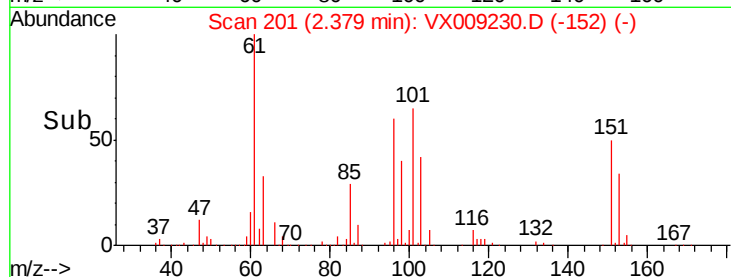
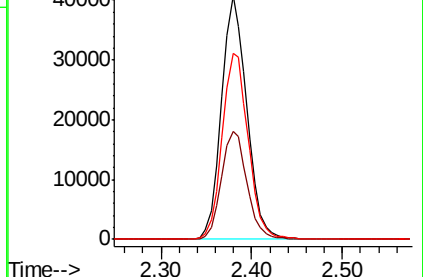
151 78.4 62.2 93.2



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: 48.546 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

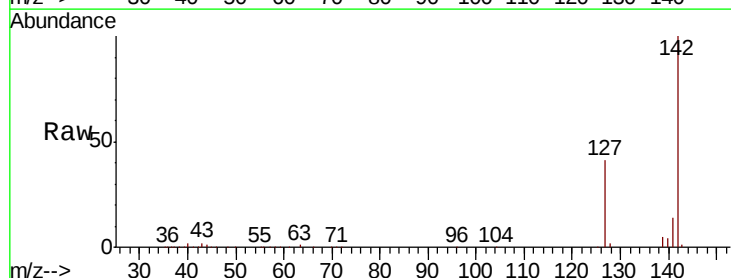
Tgt Ion:142 Resp: 97509

Ion Ratio Lower Upper

142 100

127 41.2 32.7 49.1

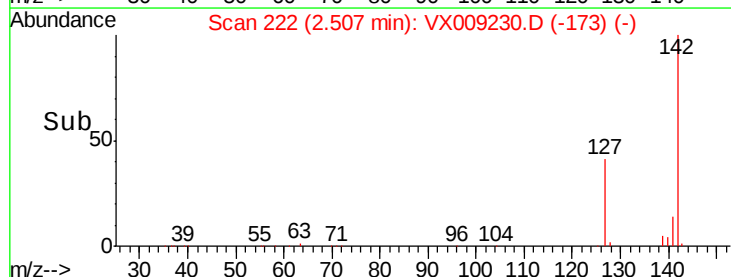
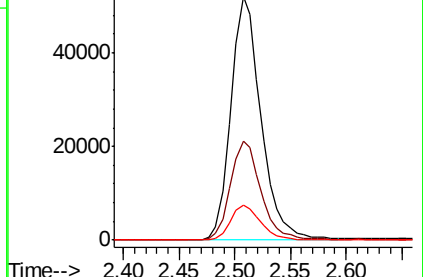
141 14.6 11.5 17.3

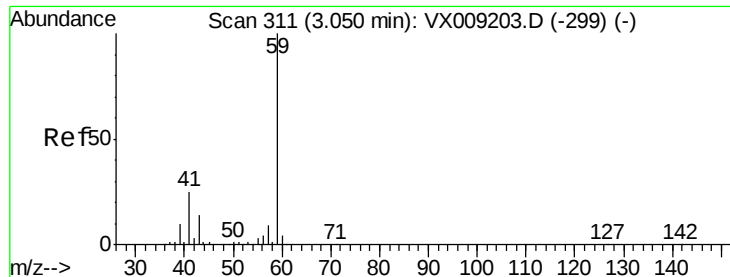


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

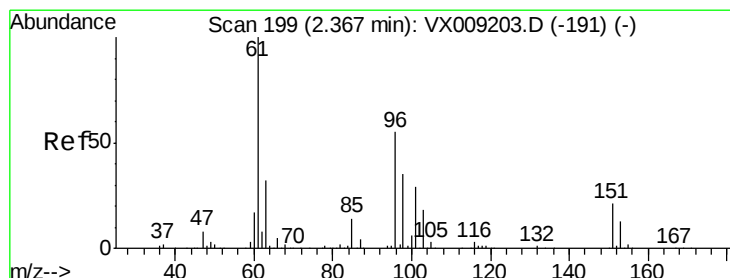
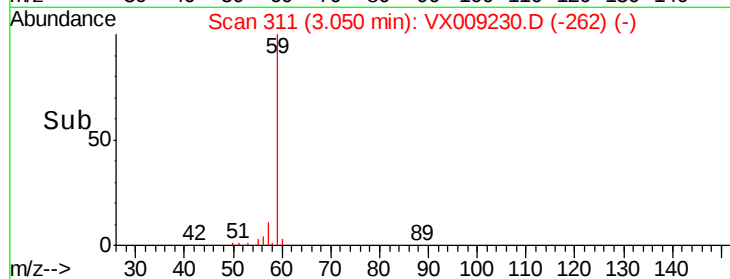
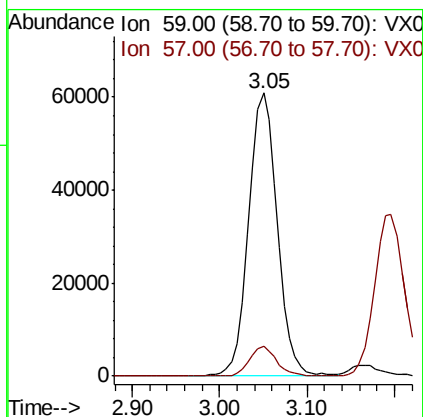
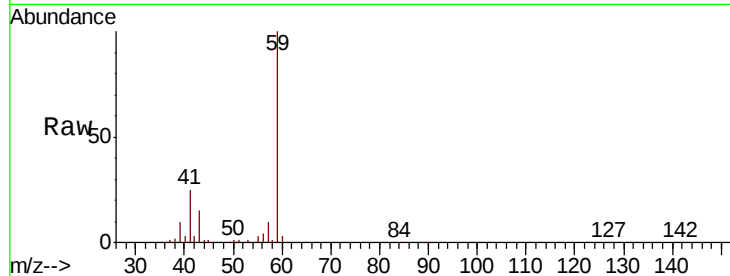




#11
Tert butyl alcohol
Concen: 237.821 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009230.D
Acq: 30 Apr 2019 00:09

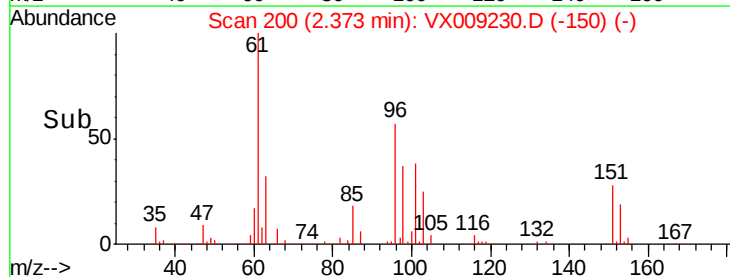
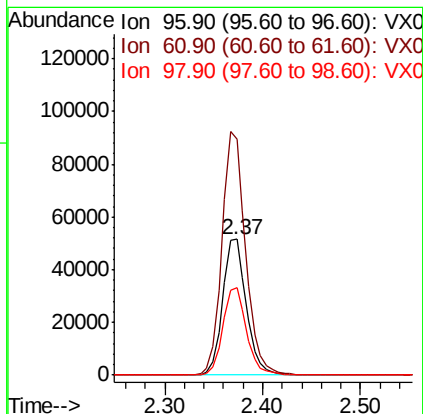
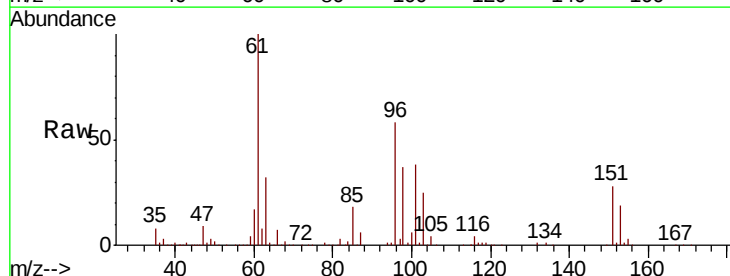
Instrument :
MSVOA_X
ClientSampleId :
WP021MW038-190423MSD

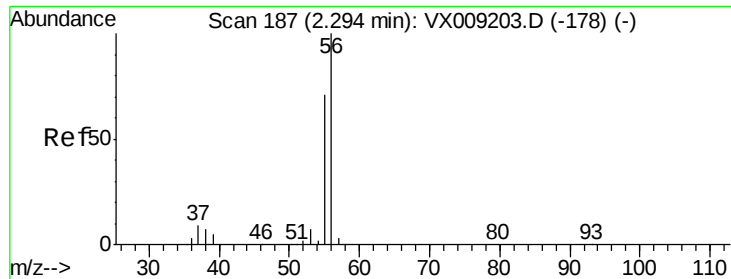
Tgt Ion: 59 Resp: 139149
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 50.043 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009230.D
Acq: 30 Apr 2019 00:09

Tgt Ion: 96 Resp: 86943
Ion Ratio Lower Upper
96 100
61 173.8 144.3 216.5
98 64.3 50.3 75.5





#13

Acrolein

Concen: 227.366 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Instrument :

MSVOA_X

ClientSampleId :

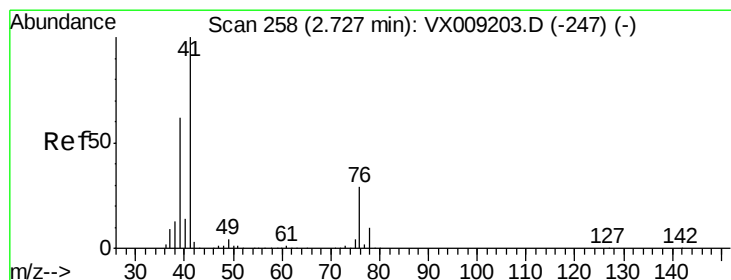
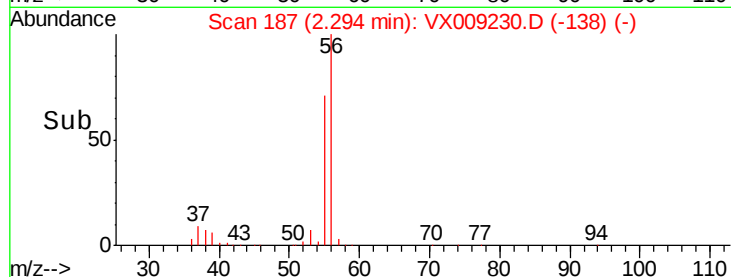
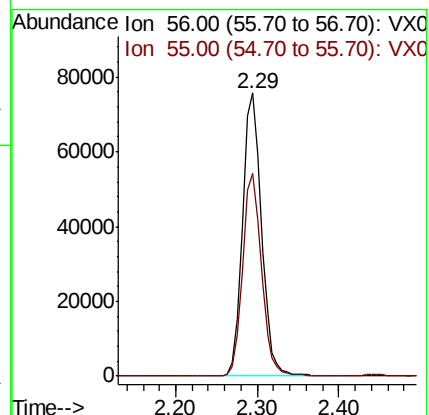
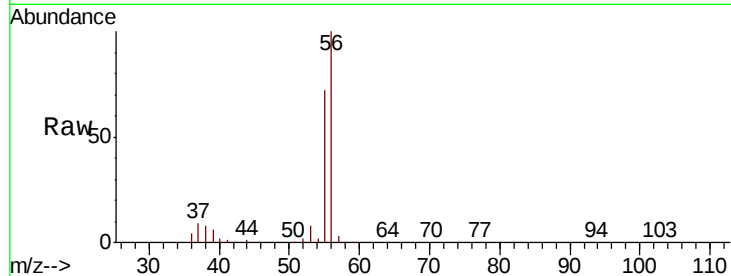
WP021MW038-190423MSD

Tgt Ion: 56 Resp: 120478

Ion Ratio Lower Upper

56 100

55 71.0 56.6 85.0



#14

Allyl chloride

Concen: 48.060 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

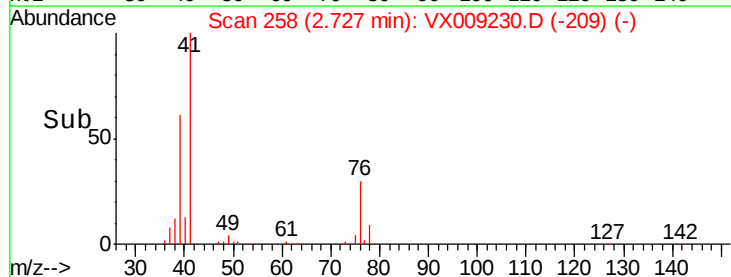
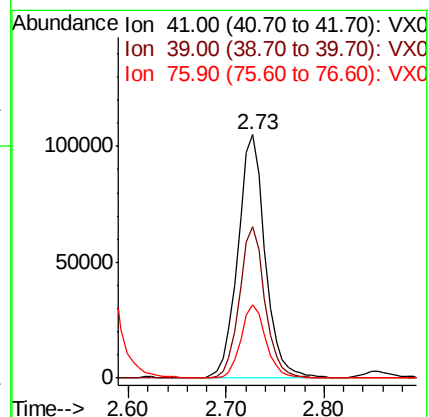
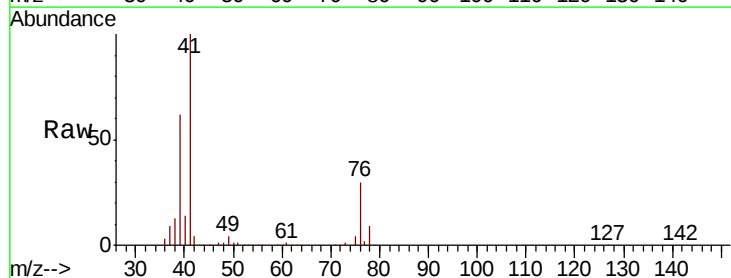
Tgt Ion: 41 Resp: 203483

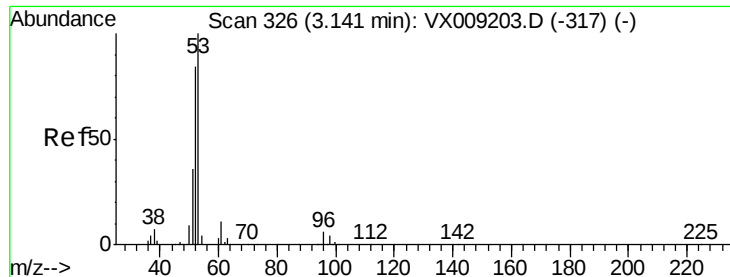
Ion Ratio Lower Upper

41 100

39 58.4 46.7 70.1

76 27.5 21.8 32.8





#15

Acrylonitrile

Concen: 250.540 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MSD

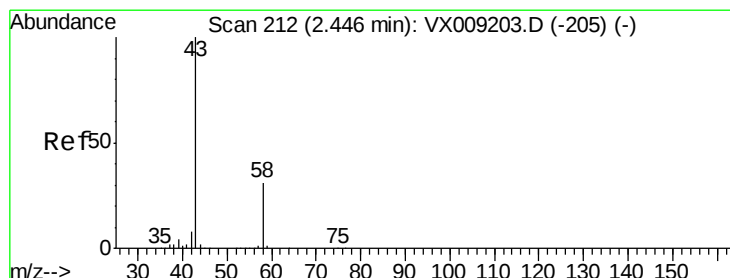
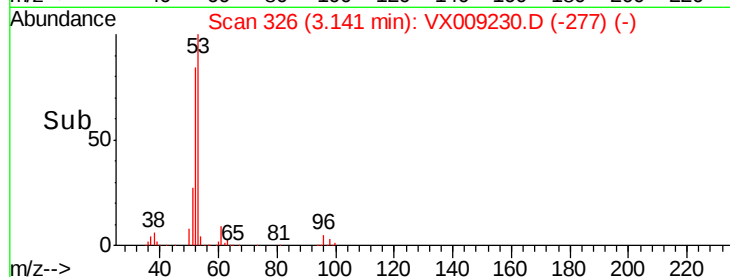
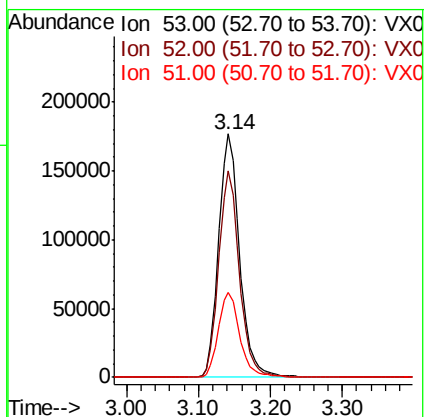
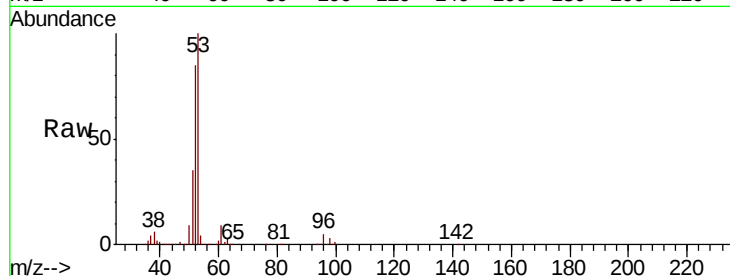
Tgt Ion: 53 Resp: 358426

Ion Ratio Lower Upper

53 100

52 83.7 66.9 100.3

51 35.6 28.2 42.2



#16

Acetone

Concen: 219.559 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009230.D

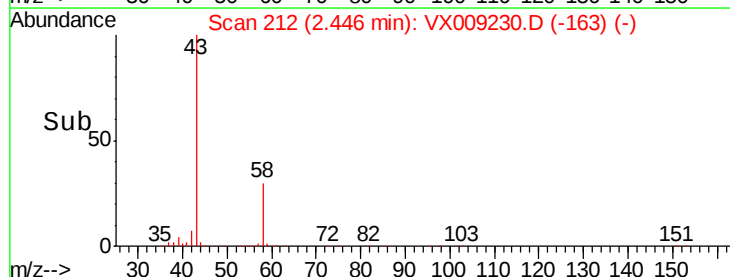
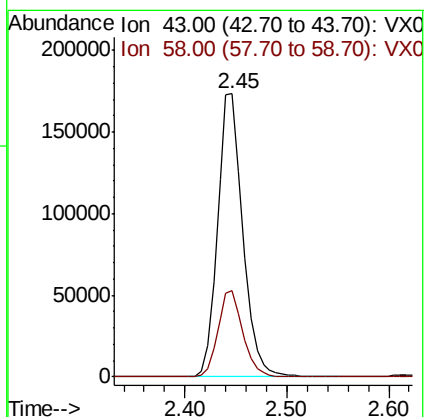
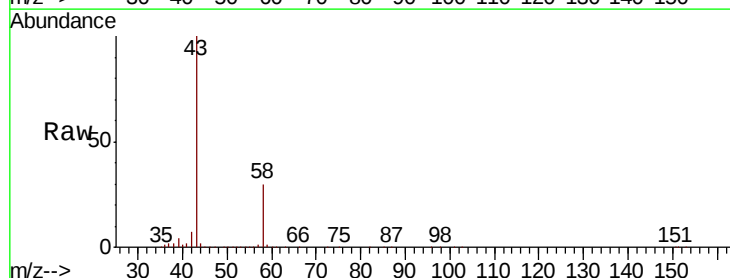
Acq: 30 Apr 2019 00:09

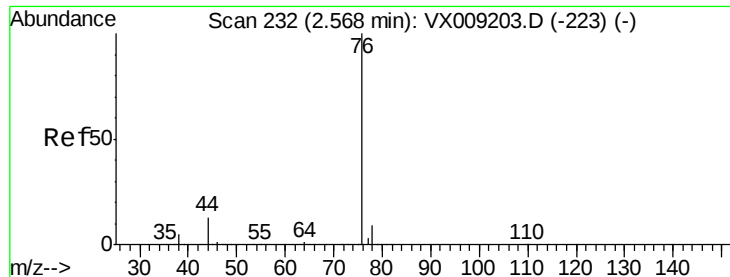
Tgt Ion: 43 Resp: 298002

Ion Ratio Lower Upper

43 100

58 30.3 24.9 37.3





#17

Carbon Disulfide

Concen: 50.467 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Instrument :

MSVOA_X

ClientSampleId :

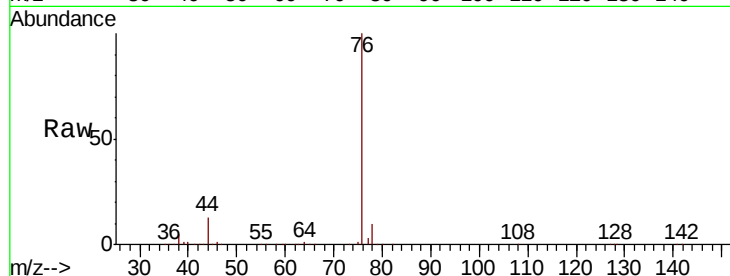
WP021MW038-190423MSD

Tgt Ion: 76 Resp: 246166

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

150000

100000

50000

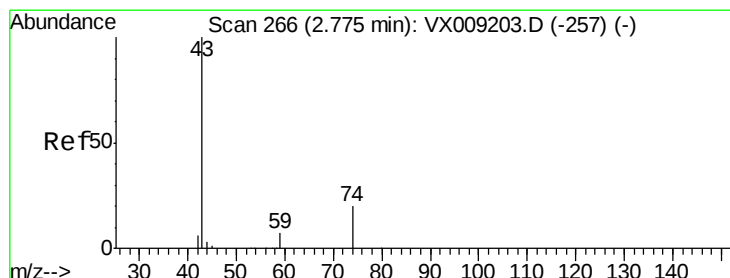
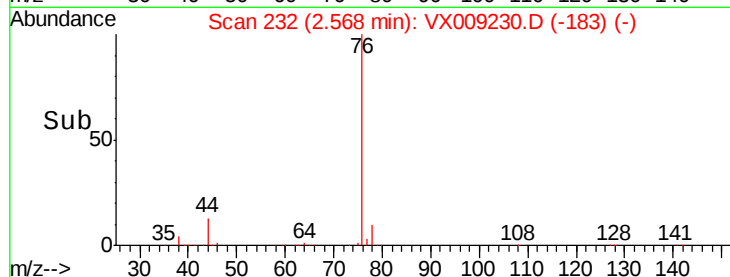
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 47.926 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009230.D

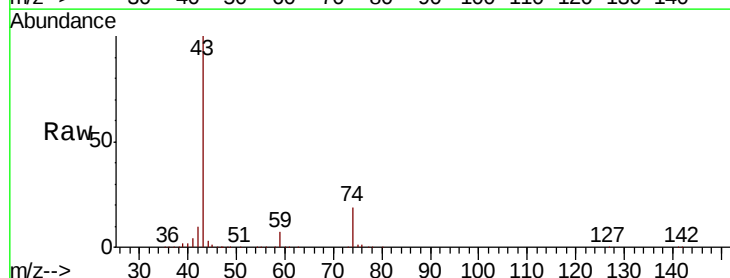
Acq: 30 Apr 2019 00:09

Tgt Ion: 43 Resp: 154700

Ion Ratio Lower Upper

43 100

74 20.0 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

100000

80000

60000

40000

20000

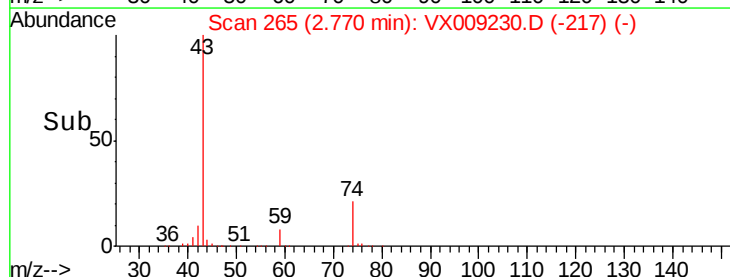
0

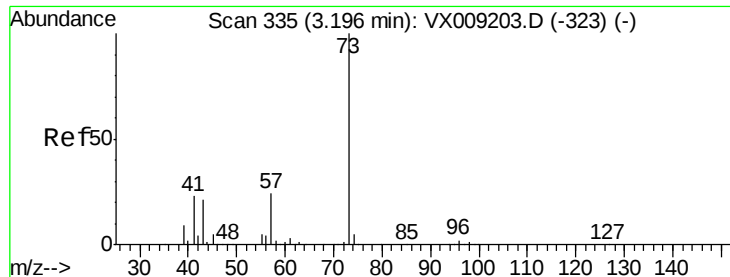
Time-->

2.70

2.80

2.90

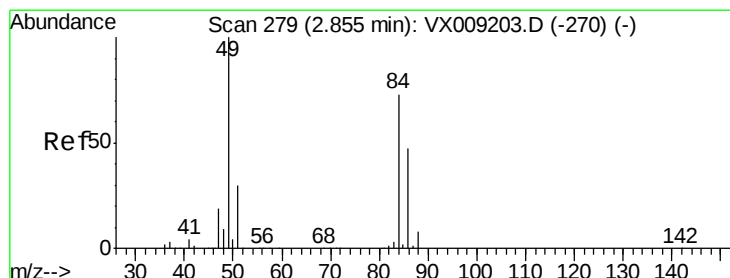
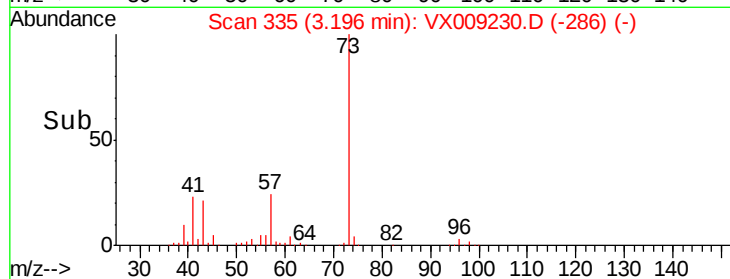
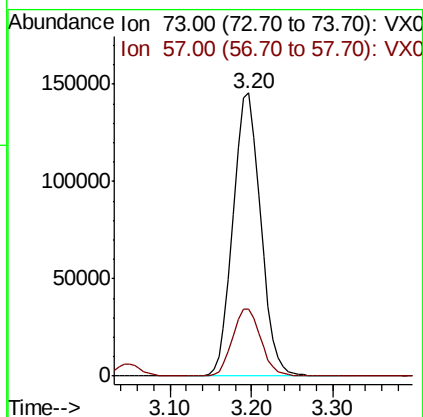
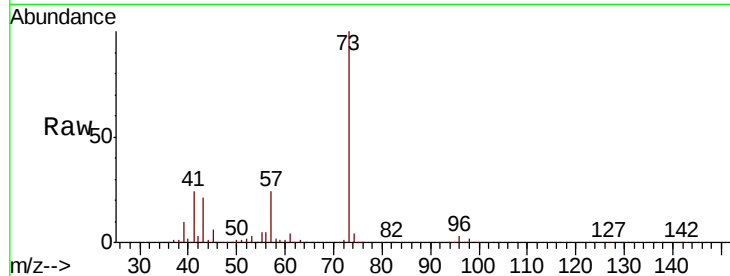




#19
Methyl tert-butyl Ether
Concen: 50.574 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009230.D
Acq: 30 Apr 2019 00:09

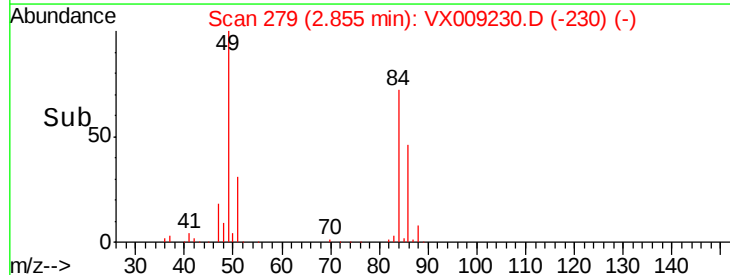
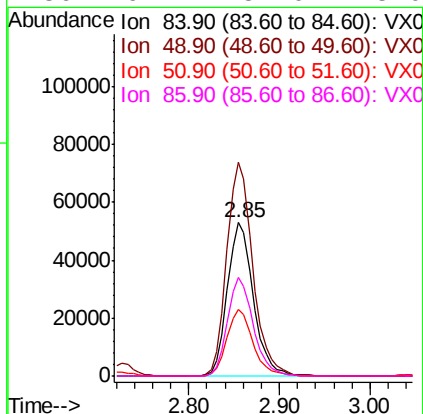
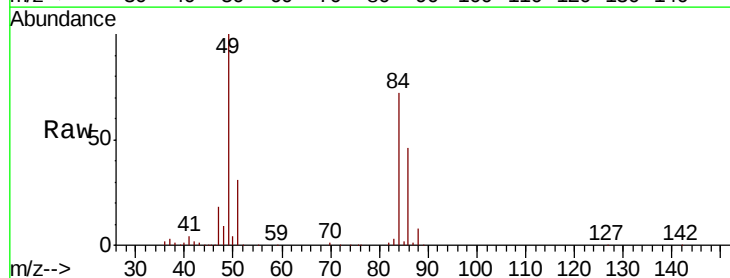
Instrument :
MSVOA_X
ClientSampleId :
WP021MW038-190423MSD

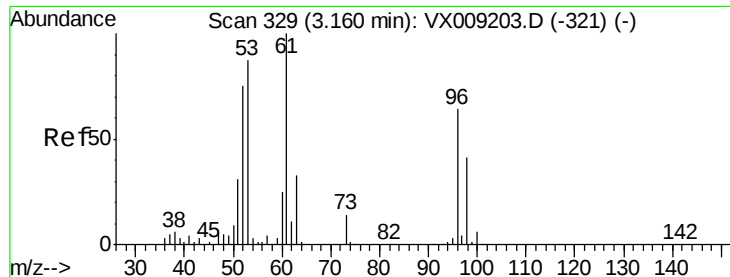
Tgt Ion: 73 Resp: 341206
Ion Ratio Lower Upper
73 100
57 23.8 19.3 28.9



#20
Methylene Chloride
Concen: 47.803 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009230.D
Acq: 30 Apr 2019 00:09

Tgt Ion: 84 Resp: 105052
Ion Ratio Lower Upper
84 100
49 139.3 109.9 164.9
51 43.2 32.7 49.1
86 64.2 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 50.305 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MSD

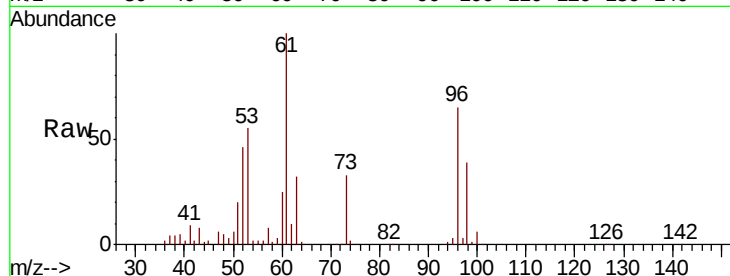
Tgt Ion: 96 Resp: 94783

Ion Ratio Lower Upper

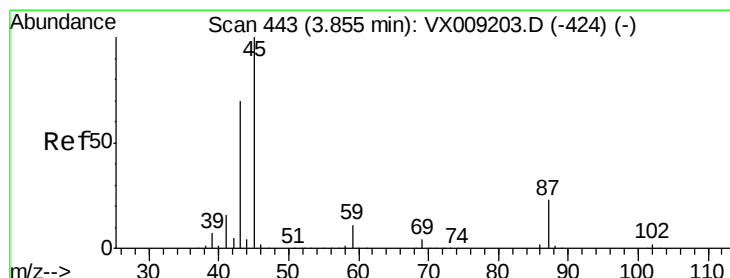
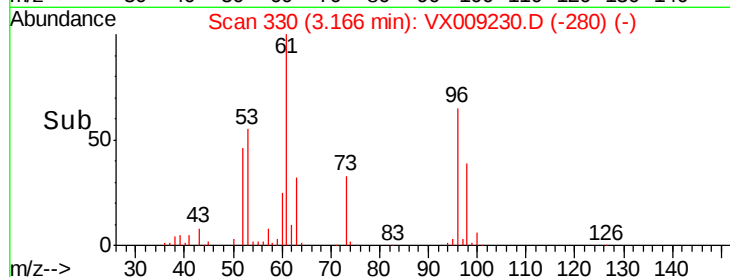
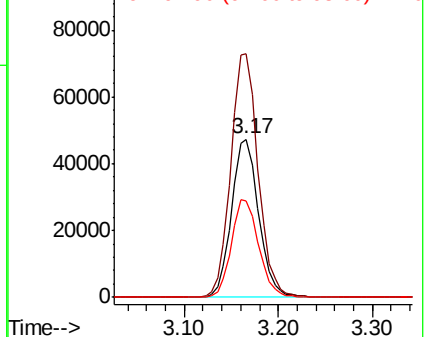
96 100

61 154.1 124.5 186.7

98 60.7 50.4 75.6



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: 50.671 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Tgt Ion: 45 Resp: 412587

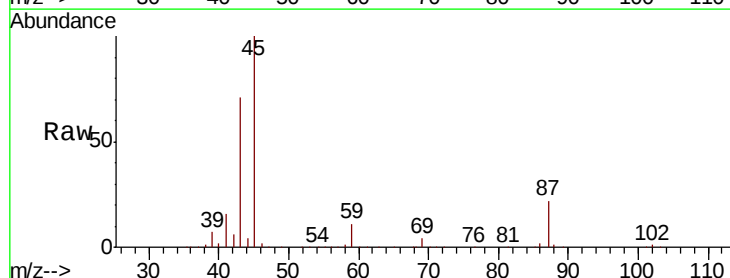
Ion Ratio Lower Upper

45 100

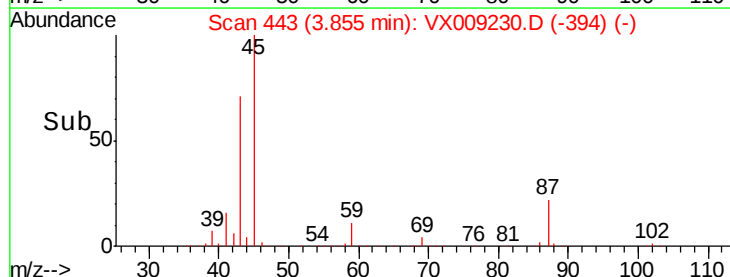
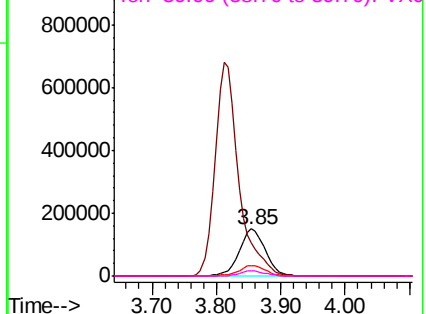
43 70.4 56.1 84.1

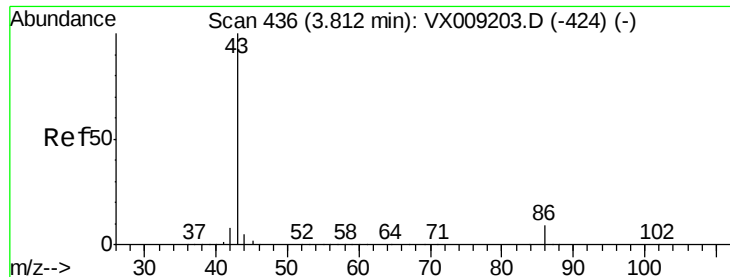
87 22.0 18.1 27.1

59 10.8 8.5 12.7



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: 252.466 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Instrument :

MSVOA_X

ClientSampleId :

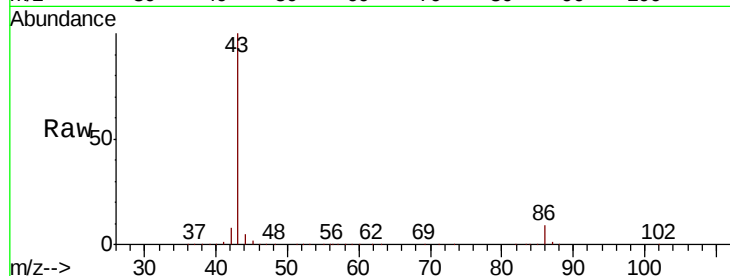
WP021MW038-190423MSD

Tgt Ion: 43 Resp: 1760305

Ion Ratio Lower Upper

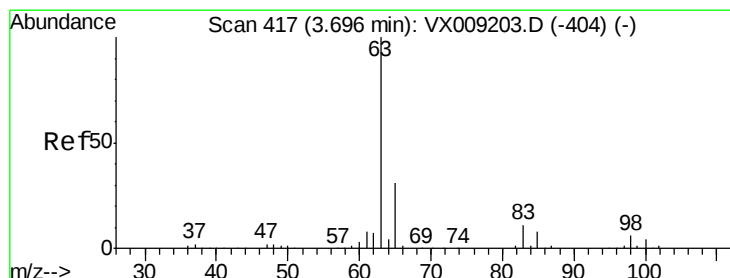
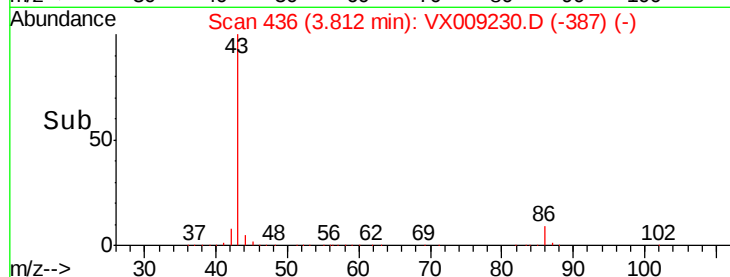
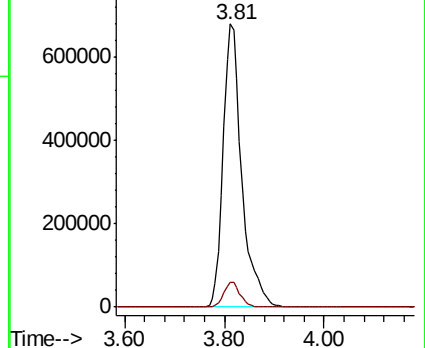
43 100

86 8.6 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.027 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

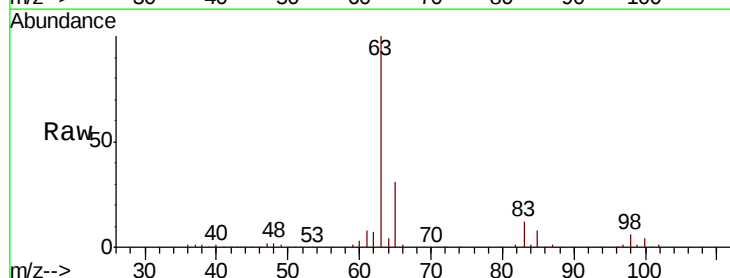
Tgt Ion: 63 Resp: 200946

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

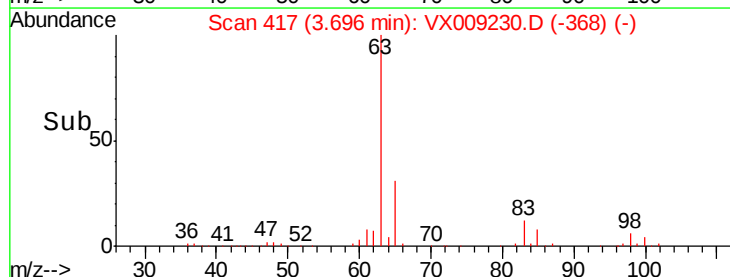
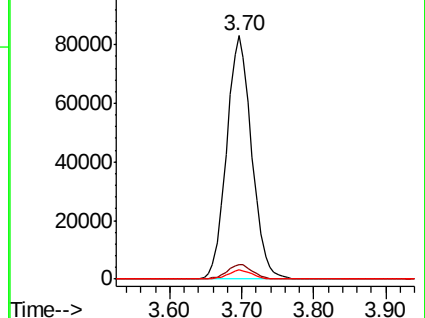
100 3.7 2.0 6.0

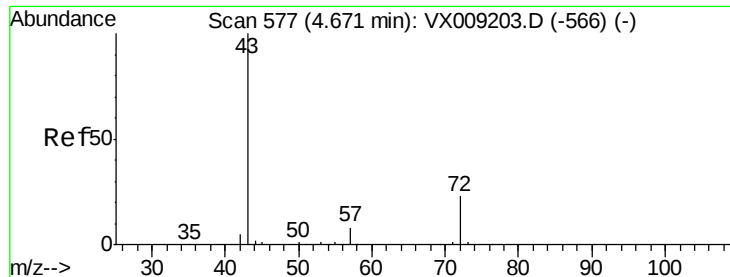


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 246.660 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Instrument :

MSVOA_X

ClientSampleId :

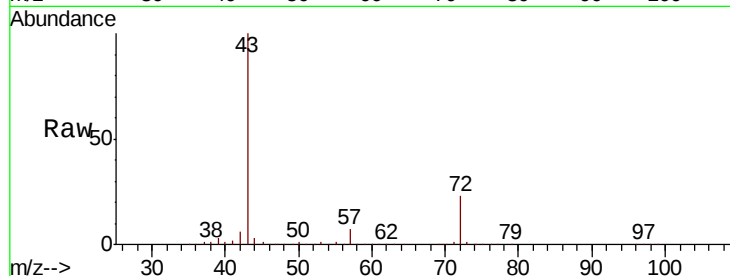
WP021MW038-190423MSD

Tgt Ion: 43 Resp: 520245

Ion Ratio Lower Upper

43 100

72 22.8 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

200000

150000

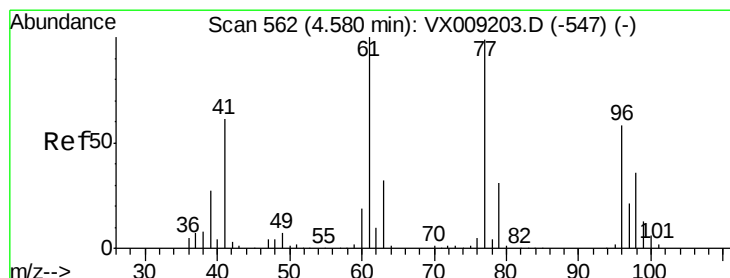
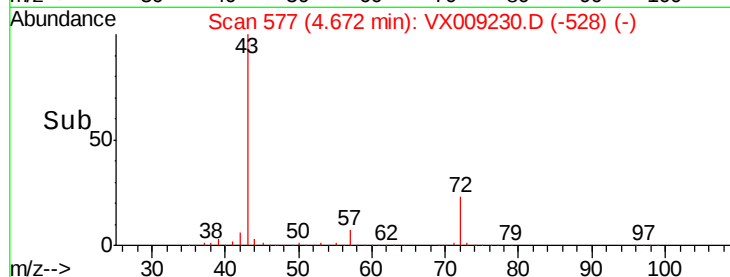
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 39.405 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009230.D

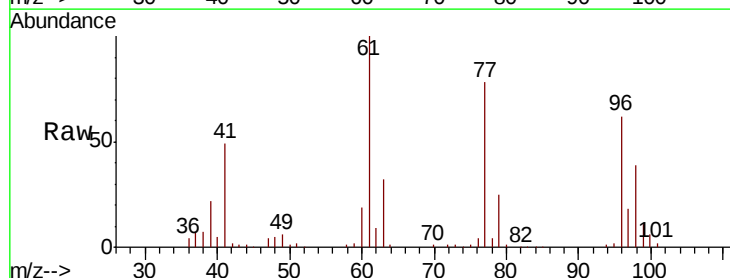
Acq: 30 Apr 2019 00:09

Tgt Ion: 77 Resp: 117815

Ion Ratio Lower Upper

77 100

97 24.0 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

40000

30000

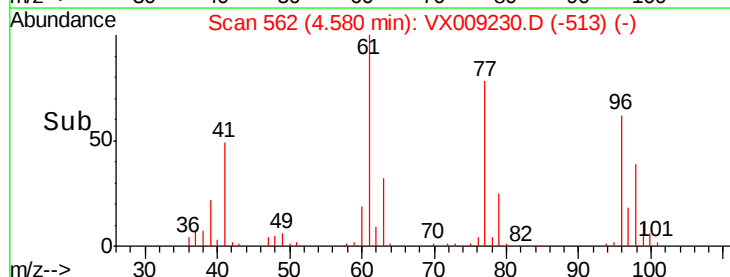
20000

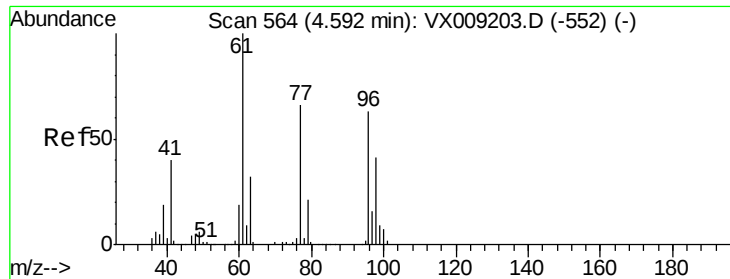
10000

0

4.40 4.50 4.60 4.70

Time-->



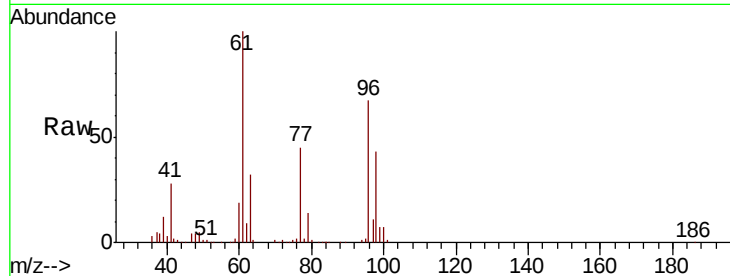


#27

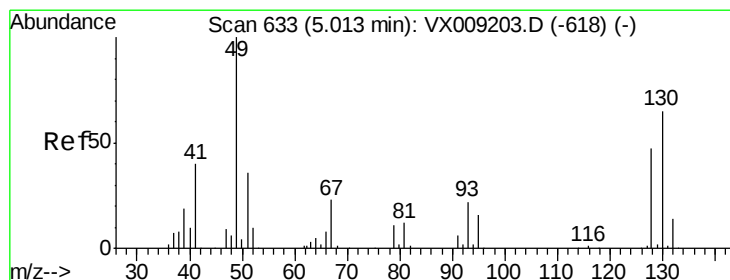
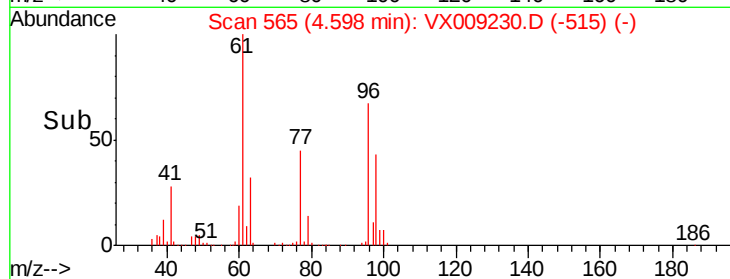
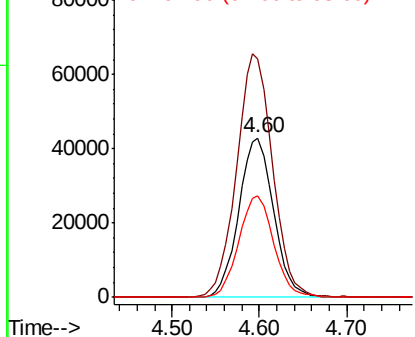
cis-1,2-Dichloroethene
 Concen: 52.759 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009230.D
 Acq: 30 Apr 2019 00:09

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423MSD

Tgt Ion: 96 Resp: 118653
 Ion Ratio Lower Upper
 96 100
 61 157.7 0.0 324.0
 98 64.2 0.0 130.4



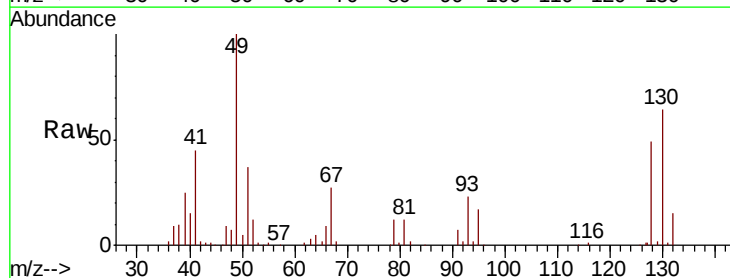
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



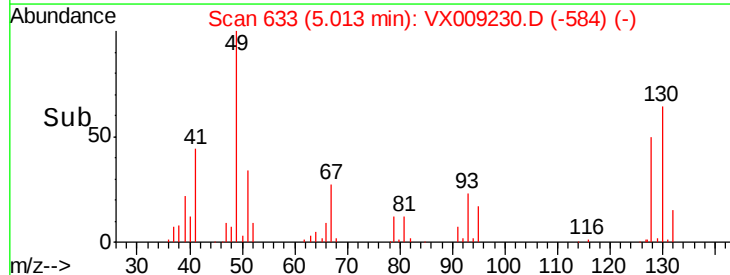
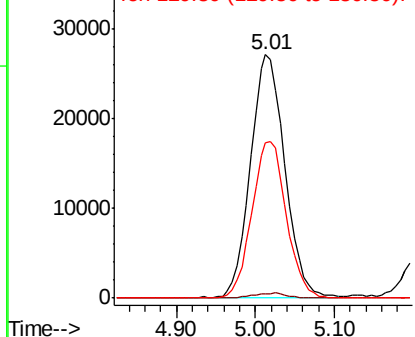
#28

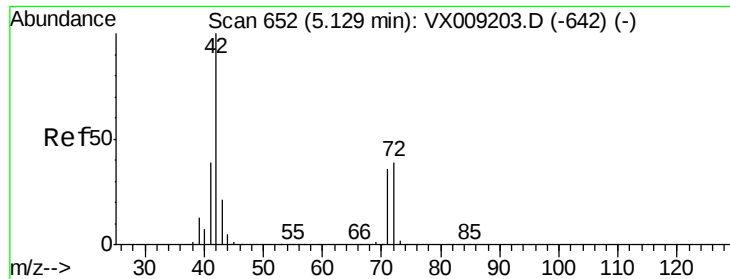
Bromochloromethane
 Concen: 50.876 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009230.D
 Acq: 30 Apr 2019 00:09

Tgt Ion: 49 Resp: 82186
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 64.5 51.2 76.8



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

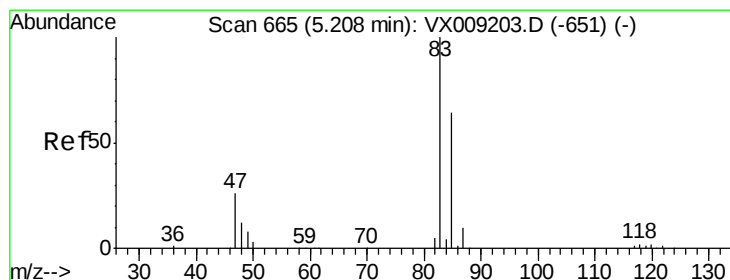
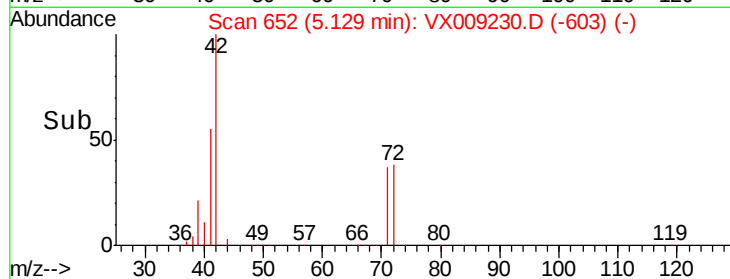
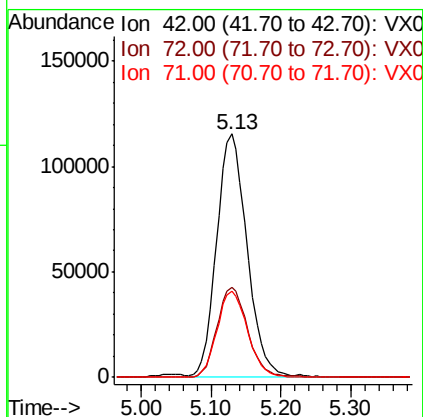
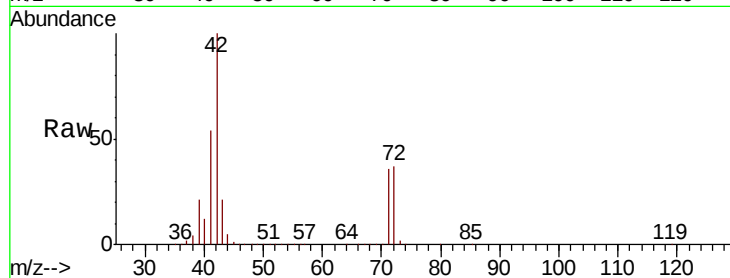




#29
Tetrahydrofuran
Concen: 256.896 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009230.D
Acq: 30 Apr 2019 00:09

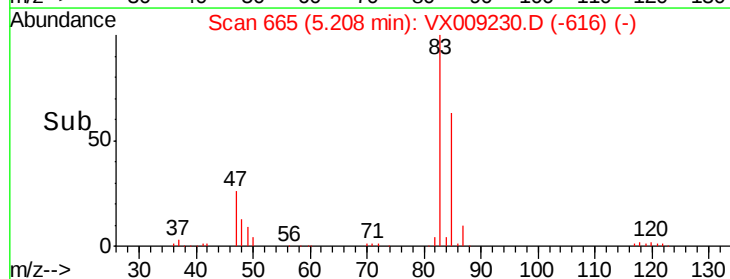
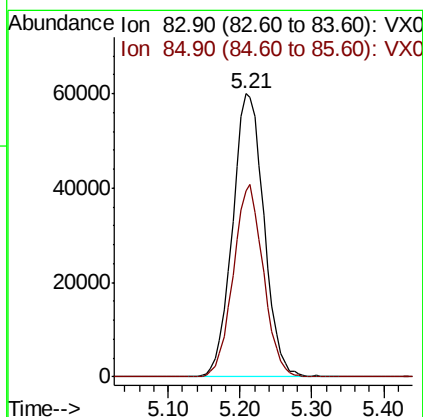
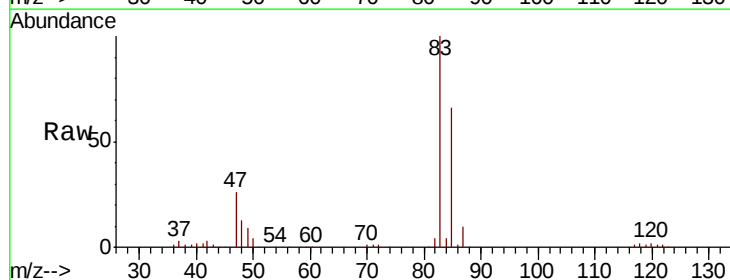
Instrument :
MSVOA_X
ClientSampleId :
WP021MW038-190423MSD

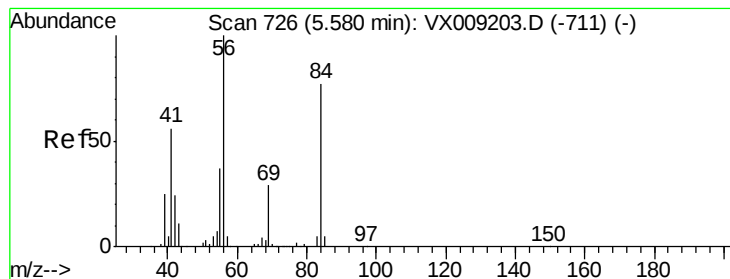
Tgt Ion: 42 Resp: 348668
Ion Ratio Lower Upper
42 100
72 37.6 30.4 45.6
71 35.8 28.6 43.0



#30
Chloroform
Concen: 49.991 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009230.D
Acq: 30 Apr 2019 00:09

Tgt Ion: 83 Resp: 181612
Ion Ratio Lower Upper
83 100
85 65.5 51.5 77.3





#31

Cyclohexane

Concen: 48.657 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MSD

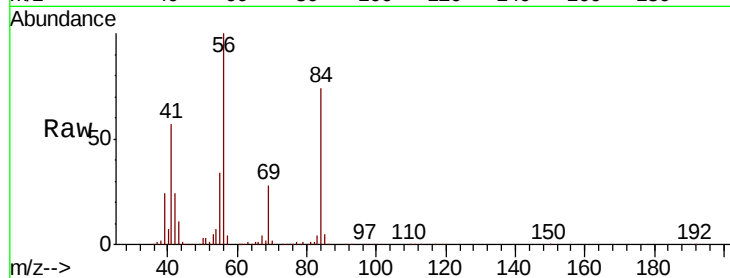
Tgt Ion: 56 Resp: 181832

Ion Ratio Lower Upper

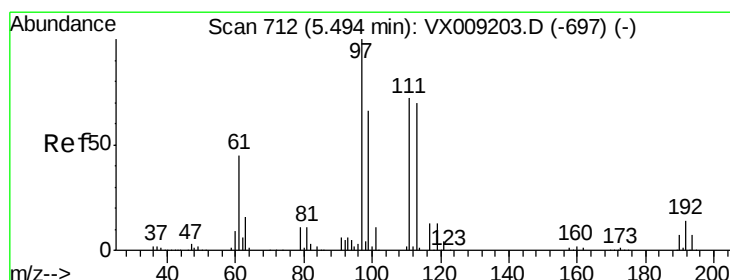
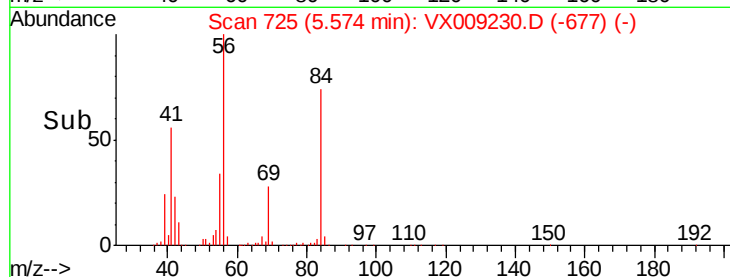
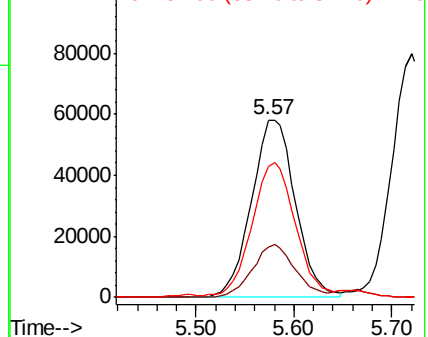
56 100

69 28.4 23.4 35.0

84 72.8 61.9 92.9



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: 49.508 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

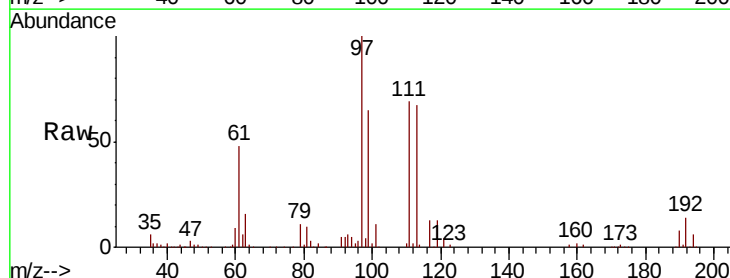
Tgt Ion: 97 Resp: 149722

Ion Ratio Lower Upper

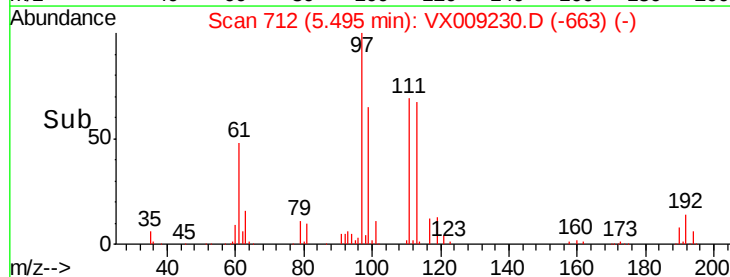
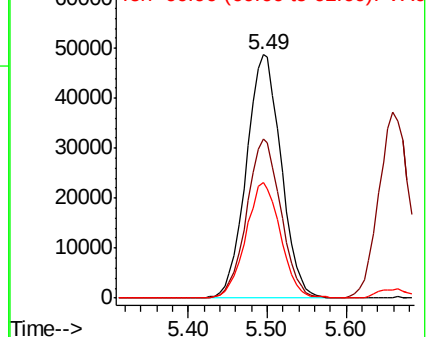
97 100

99 64.1 51.8 77.8

61 47.4 37.8 56.8



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: 50.487 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Instrument :

MSVOA_X

ClientSampleId :

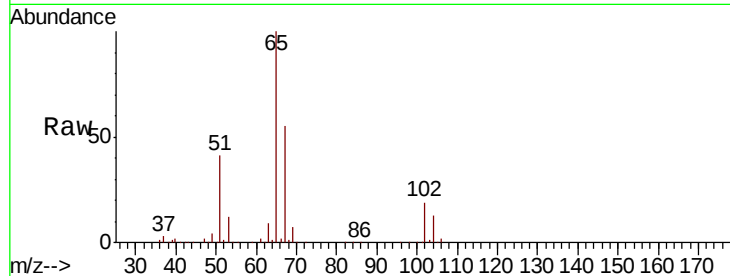
WP021MW038-190423MSD

Tgt Ion: 65 Resp: 127615

Ion Ratio Lower Upper

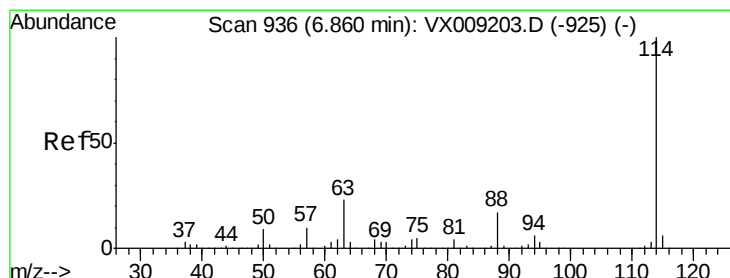
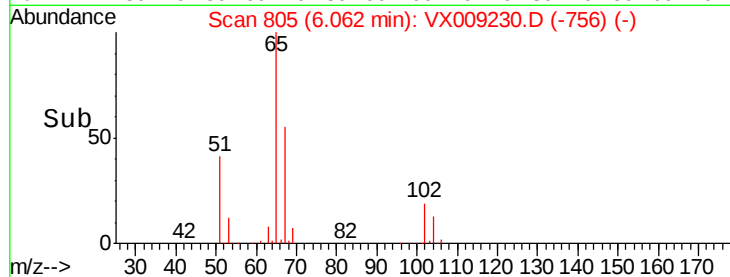
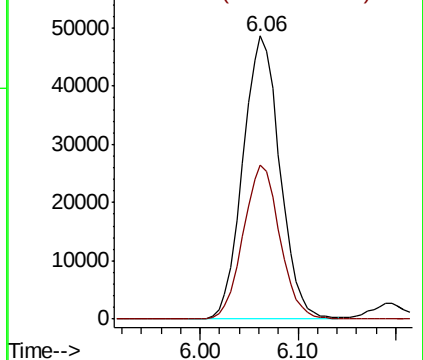
65 100

67 53.8 0.0 106.6



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: VX009230.D

Acq: 30 Apr 2019 00:09

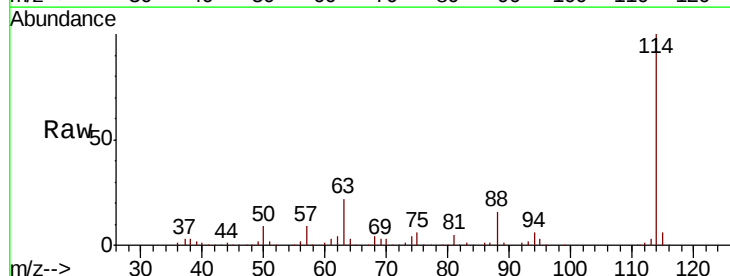
Tgt Ion: 114 Resp: 307207

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.6

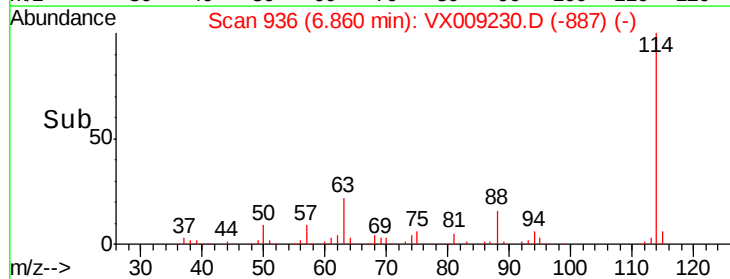
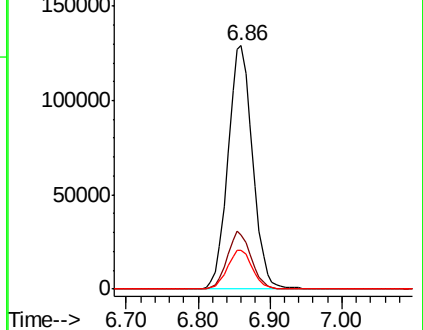
88 15.8 0.0 33.2

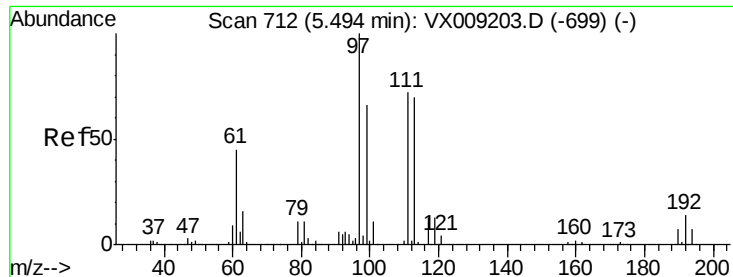


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.514 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MSD

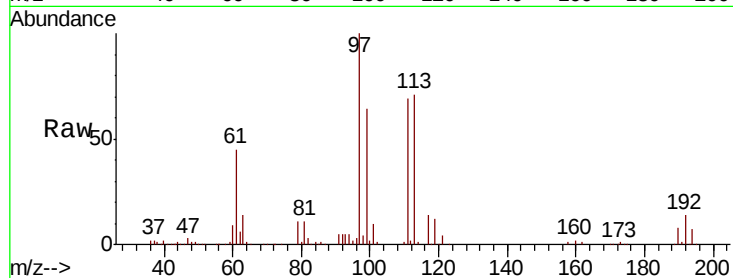
Tgt Ion:113 Resp: 95622

Ion Ratio Lower Upper

113 100

111 101.2 82.8 124.2

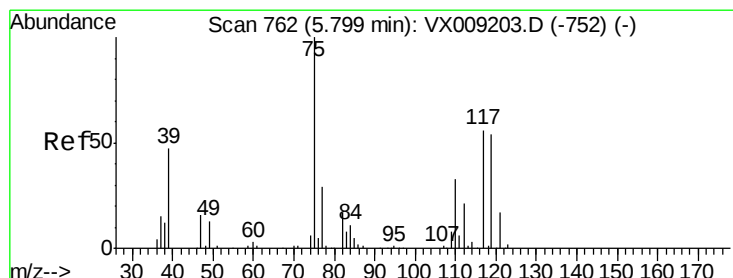
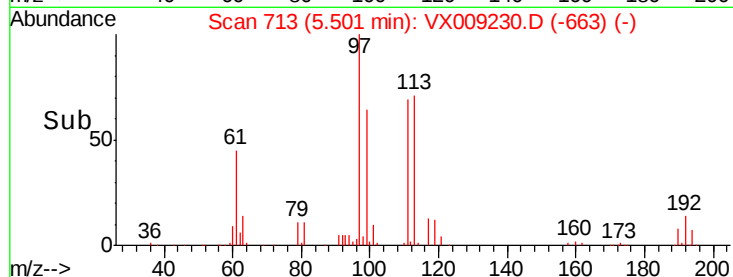
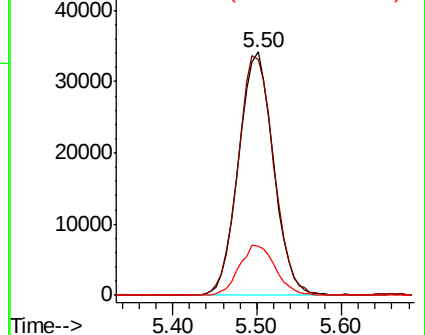
192 21.3 17.0 25.6



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: 48.291 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

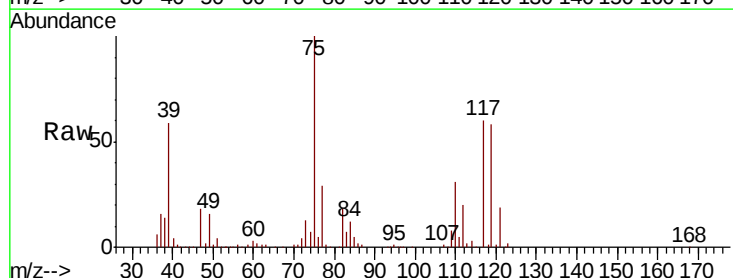
Tgt Ion: 75 Resp: 137866

Ion Ratio Lower Upper

75 100

110 32.8 16.9 50.6

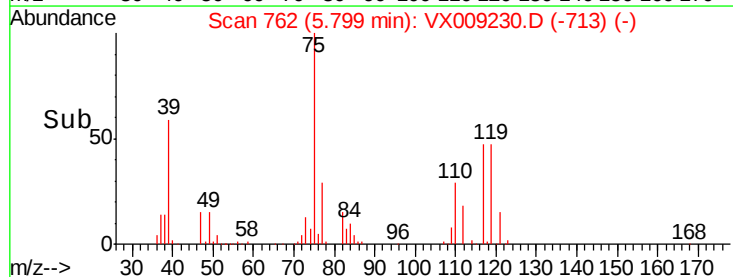
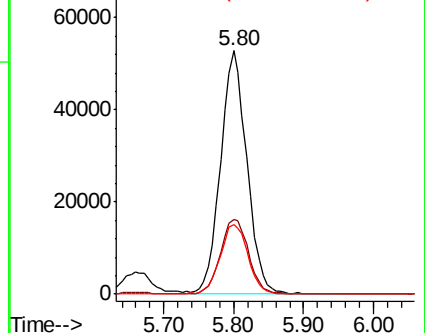
77 30.0 24.8 37.2

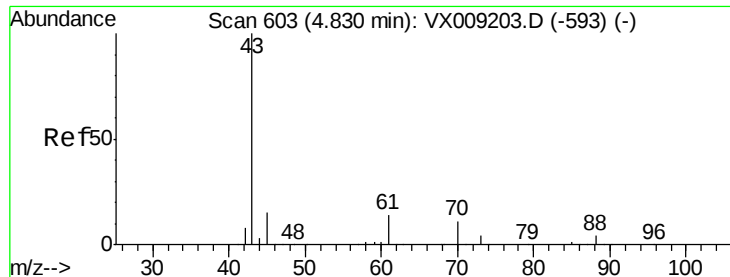


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 48.413 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MSD

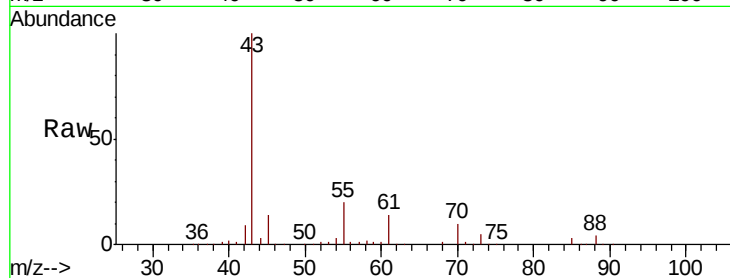
Tgt Ion: 43 Resp: 192573

Ion Ratio Lower Upper

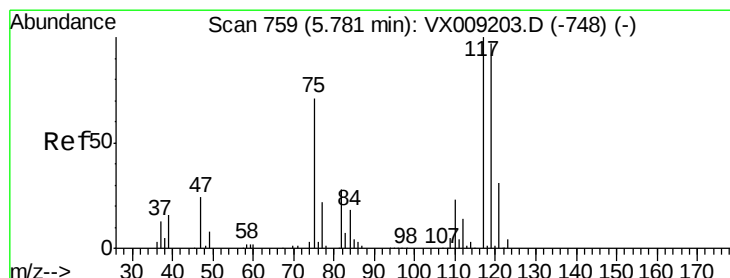
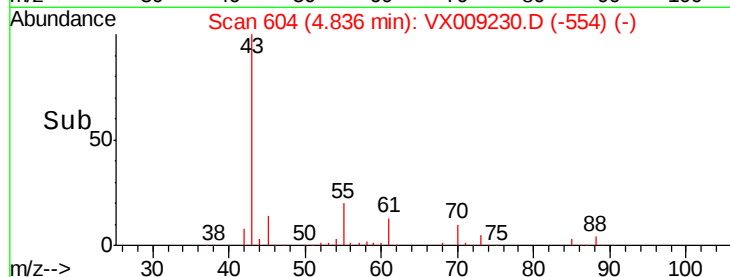
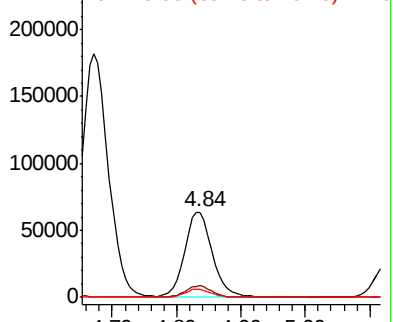
43 100

61 12.7 10.5 15.7

70 9.5 7.9 11.9



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: 47.953 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

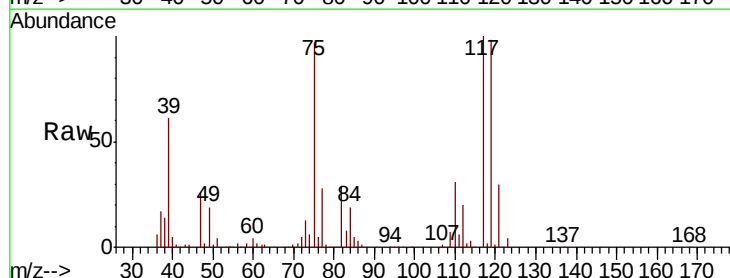
Tgt Ion: 117 Resp: 124384

Ion Ratio Lower Upper

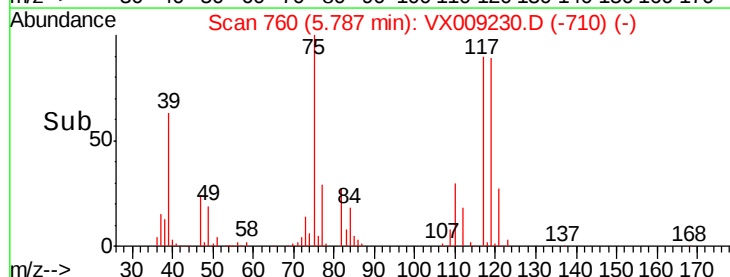
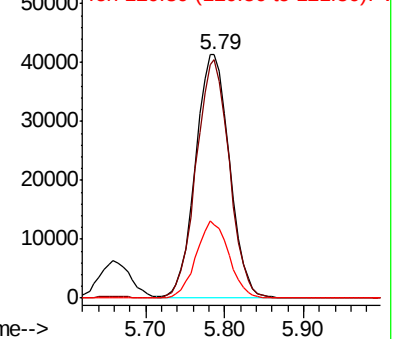
117 100

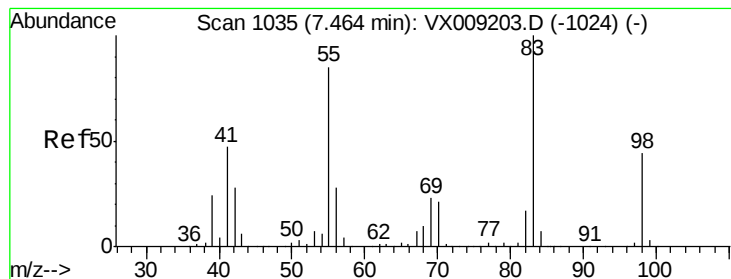
119 98.0 77.5 116.3

121 30.1 24.7 37.1



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

Methylcyclohexane

Concen: 44.960 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MSD

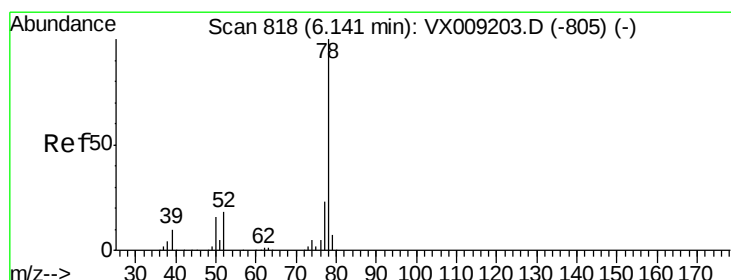
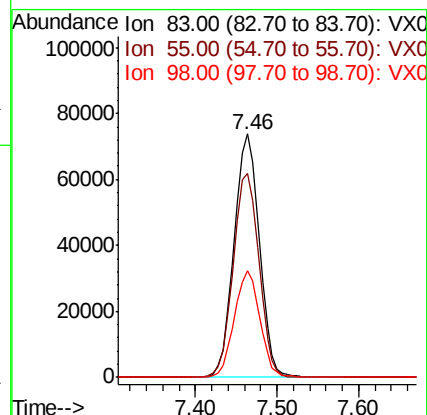
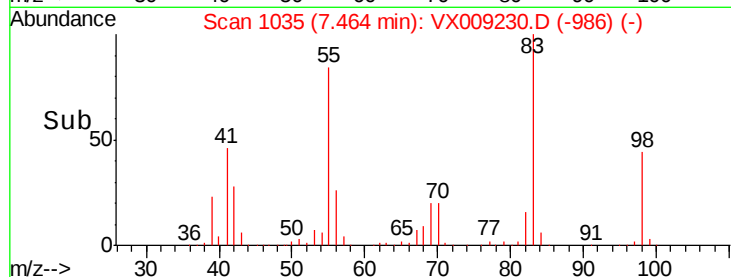
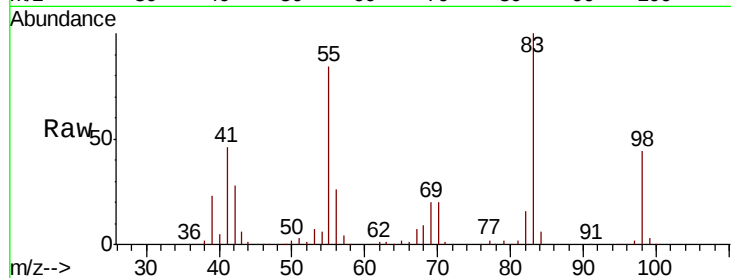
Tgt Ion: 83 Resp: 157634

Ion Ratio Lower Upper

83 100

55 83.6 67.7 101.5

98 43.7 35.5 53.3



#40

Benzene

Concen: 48.501 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX009230.D

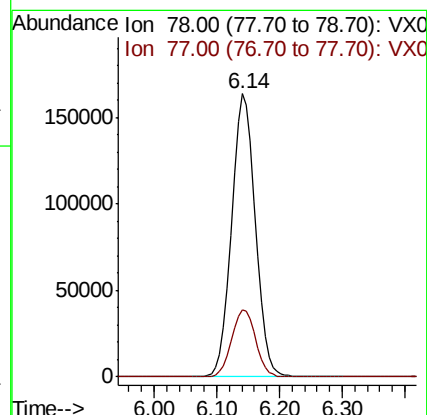
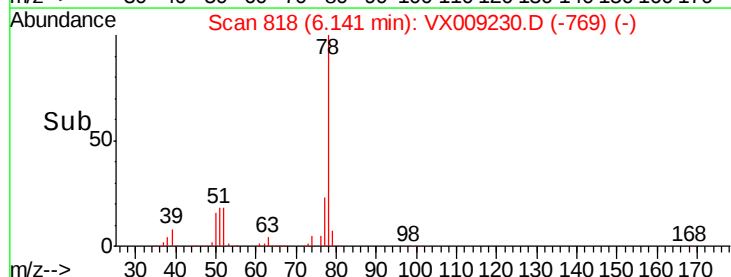
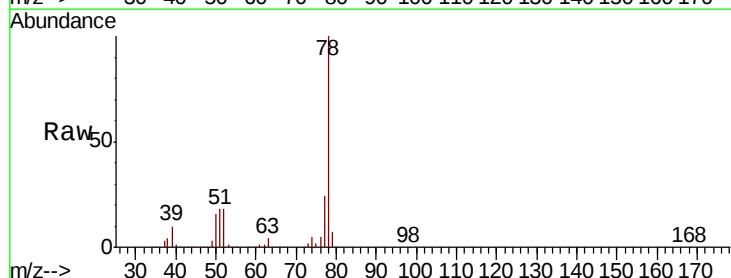
Acq: 30 Apr 2019 00:09

Tgt Ion: 78 Resp: 428531

Ion Ratio Lower Upper

78 100

77 23.9 18.8 28.2





#41

Methacrylonitrile

Concen: 47.198 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MSD

Tgt Ion: 41 Resp: 111757

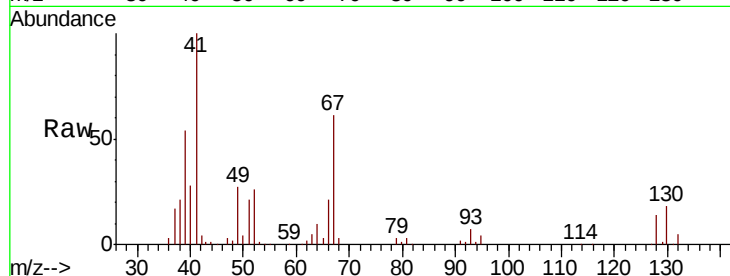
Ion Ratio Lower Upper

41 100

39 54.4 42.0 63.0

67 64.5 49.8 74.8

52 26.3 20.3 30.5

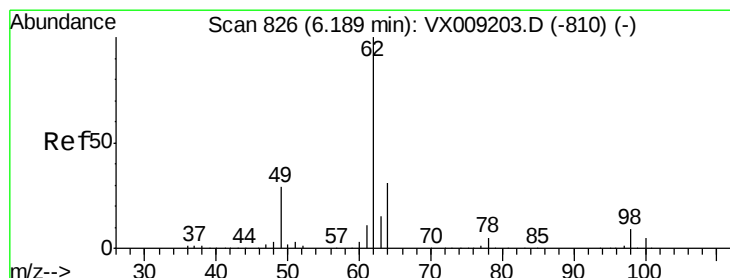
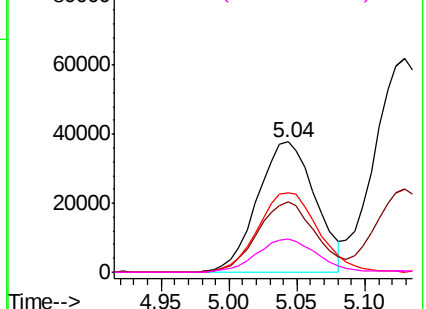
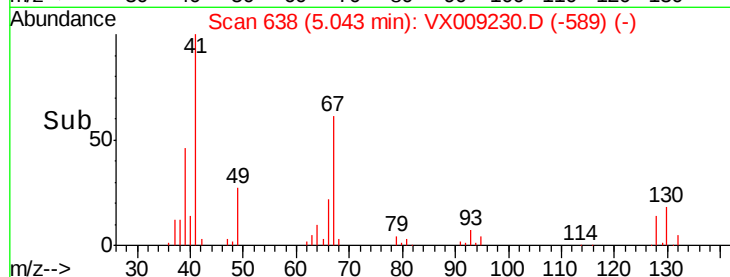


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.730 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX009230.D

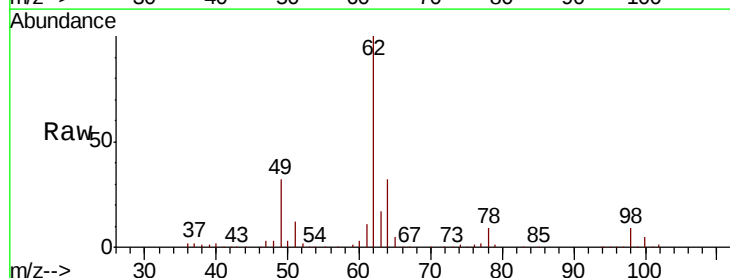
Acq: 30 Apr 2019 00:09

Tgt Ion: 62 Resp: 154447

Ion Ratio Lower Upper

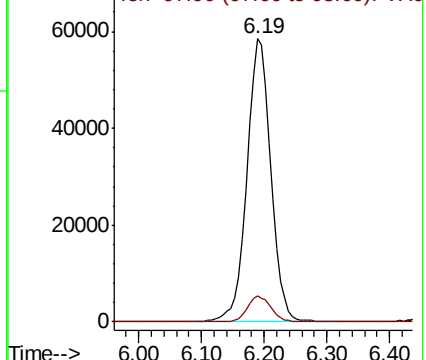
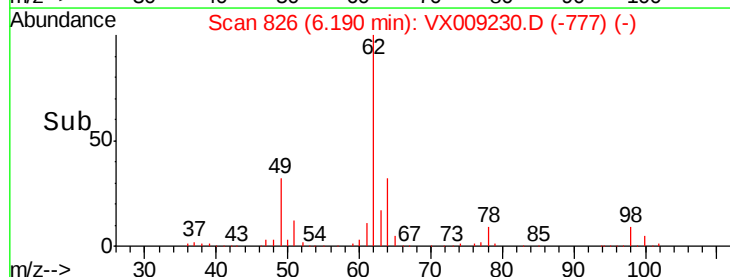
62 100

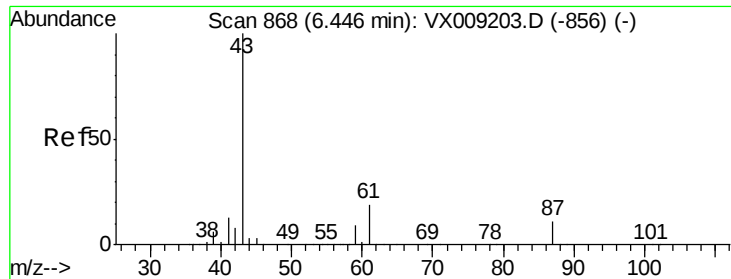
98 9.0 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.076 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MSD

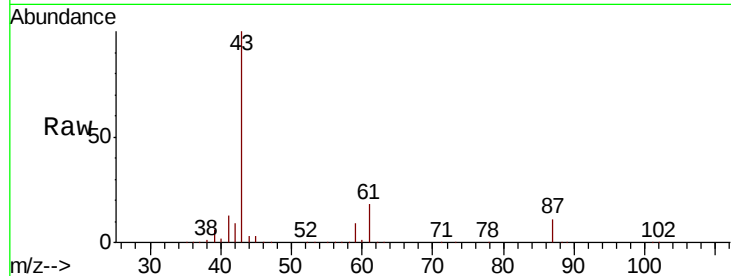
Tgt Ion: 43 Resp: 312254

Ion Ratio Lower Upper

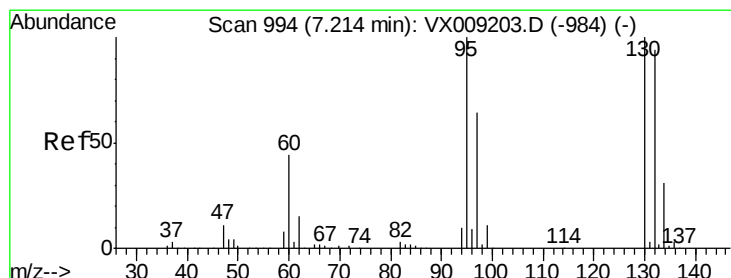
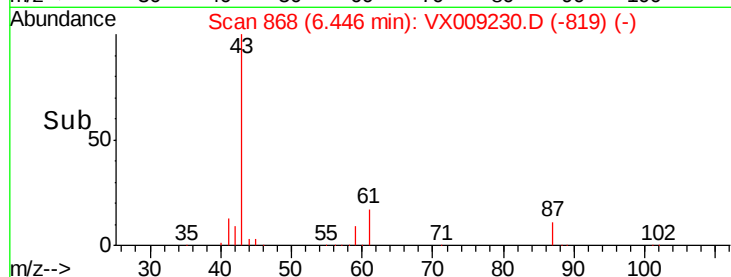
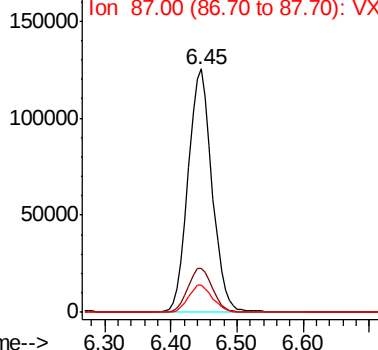
43 100

61 18.7 15.1 22.7

87 11.2 9.0 13.6



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: 47.026 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009230.D

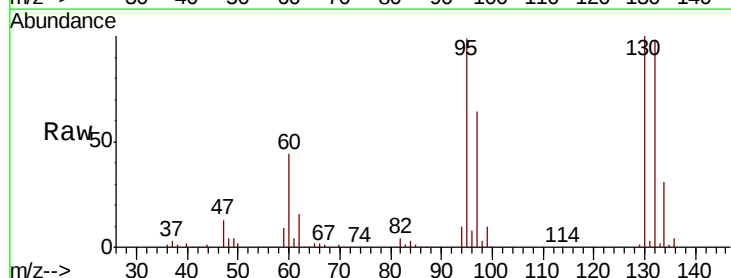
Acq: 30 Apr 2019 00:09

Tgt Ion: 130 Resp: 100447

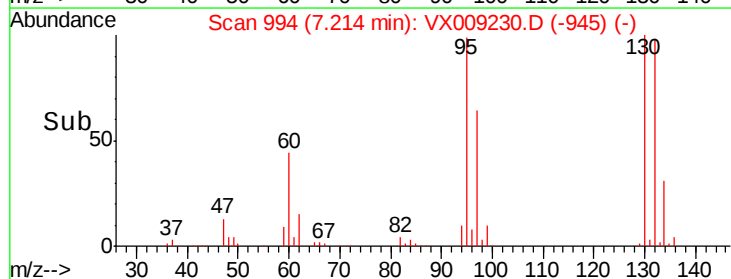
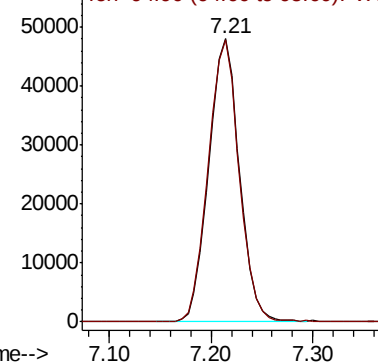
Ion Ratio Lower Upper

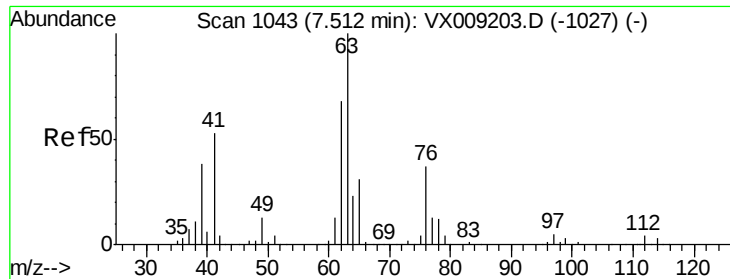
130 100

95 99.5 0.0 199.2



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

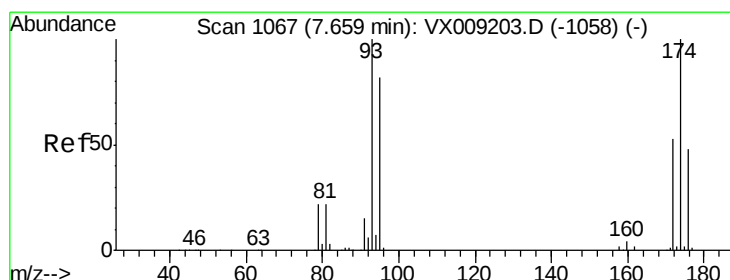
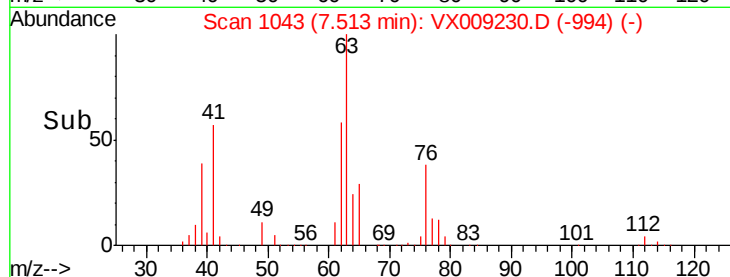
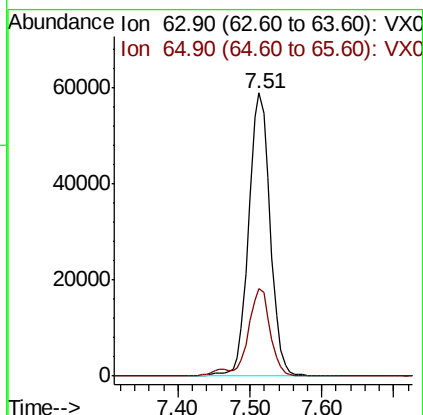
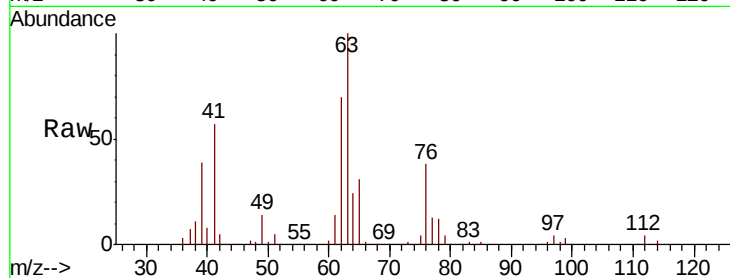




#45
 1,2-Dichloropropane
 Concen: 48.807 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009230.D
 Acq: 30 Apr 2019 00:09

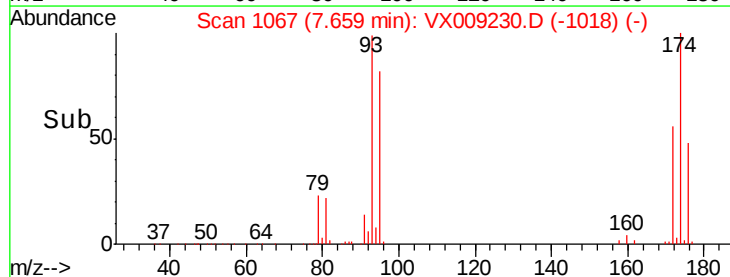
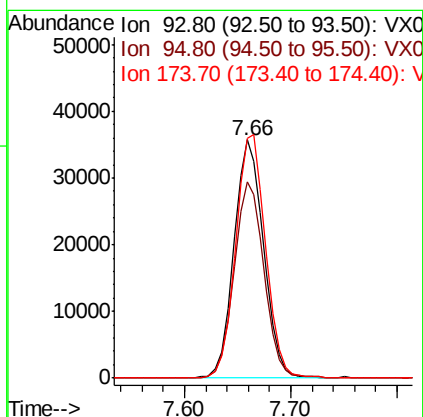
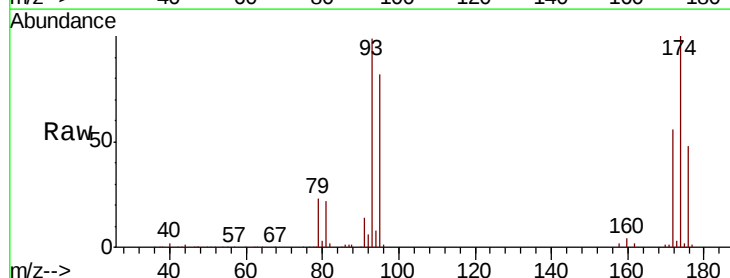
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423MSD

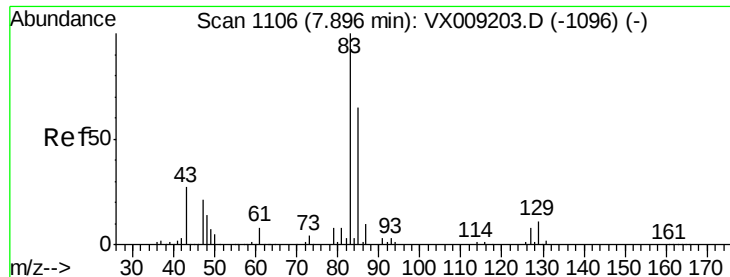
Tgt Ion: 63 Resp: 122108
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.0 37.6



#46
 Dibromomethane
 Concen: 48.040 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009230.D
 Acq: 30 Apr 2019 00:09

Tgt Ion: 93 Resp: 69795
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.5 99.7
 174 103.1 82.1 123.1





#47

Bromodichloromethane

Concen: 49.208 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MSD

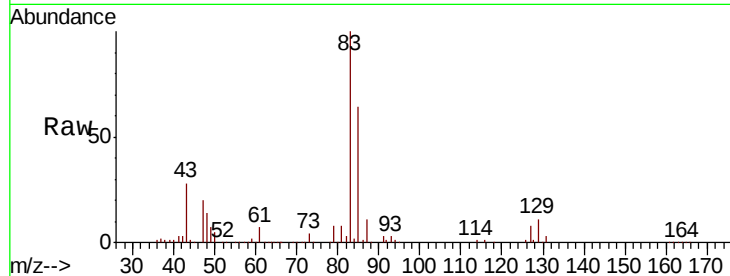
Tgt Ion: 83 Resp: 142607

Ion Ratio Lower Upper

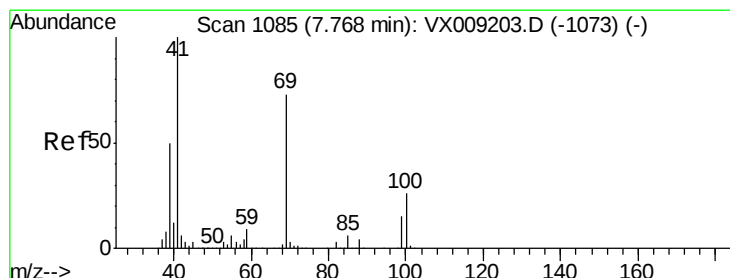
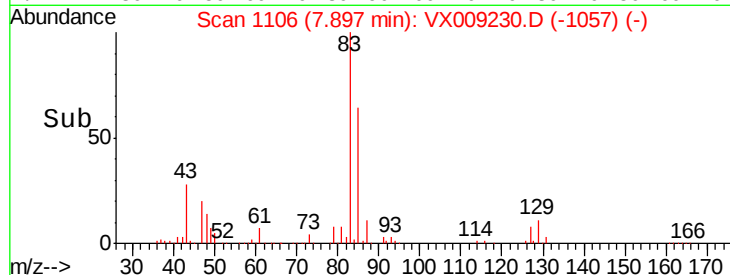
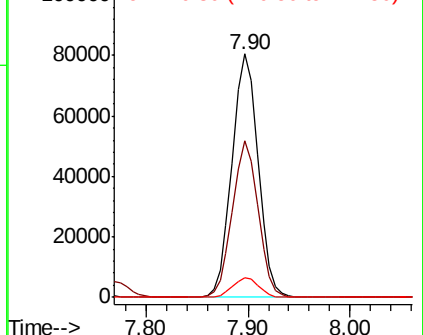
83 100

85 64.3 52.4 78.6

127 7.8 6.6 10.0



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: 50.670 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

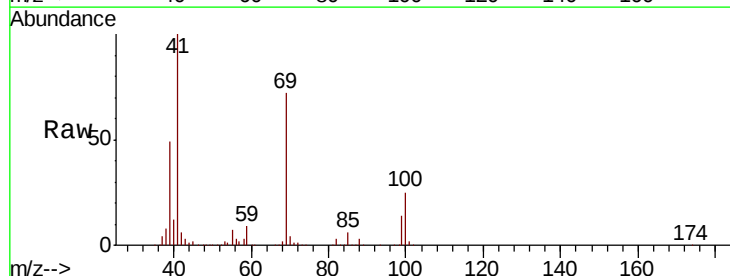
Tgt Ion: 41 Resp: 159947

Ion Ratio Lower Upper

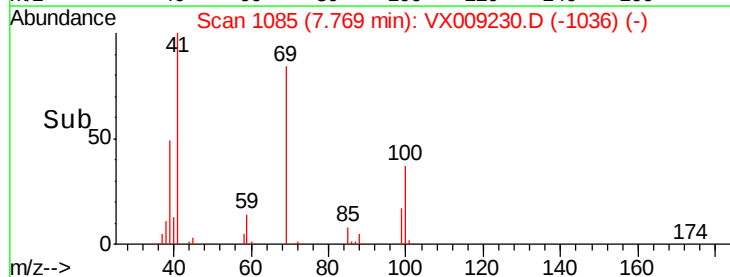
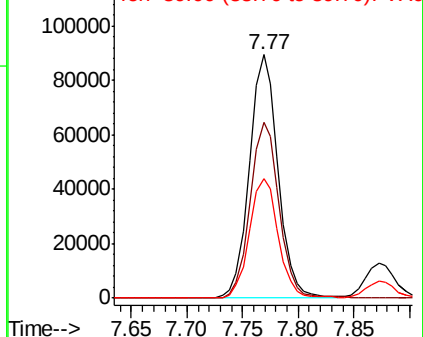
41 100

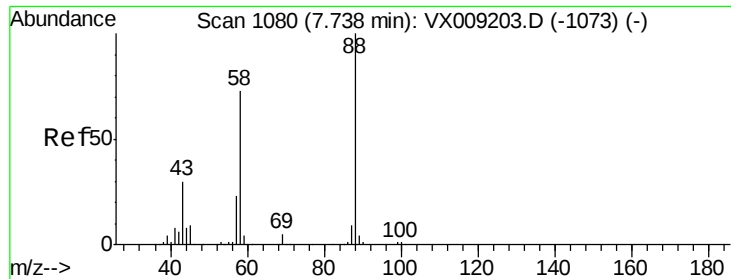
69 73.3 59.1 88.7

39 49.3 40.4 60.6



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

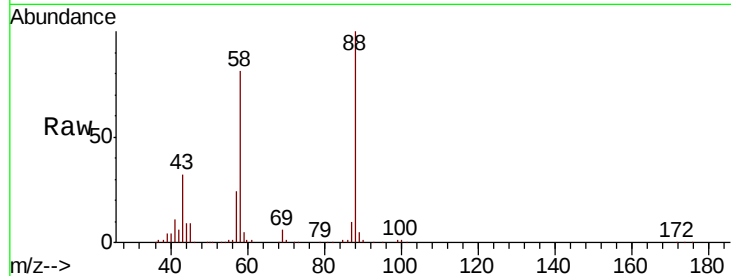




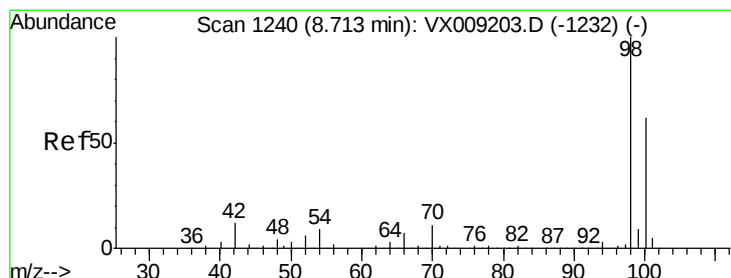
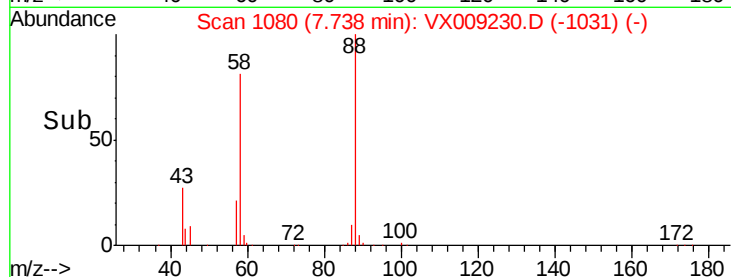
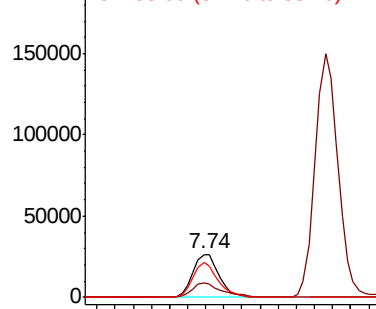
#49
1,4-Dioxane
Concen: 827.210 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009230.D
Acq: 30 Apr 2019 00:09

Instrument :
MSVOA_X
ClientSampleId :
WP021MW038-190423MSD

Tgt Ion: 88 Resp: 52955
Ion Ratio Lower Upper
88 100
43 37.7 28.6 42.8
58 79.5 61.7 92.5

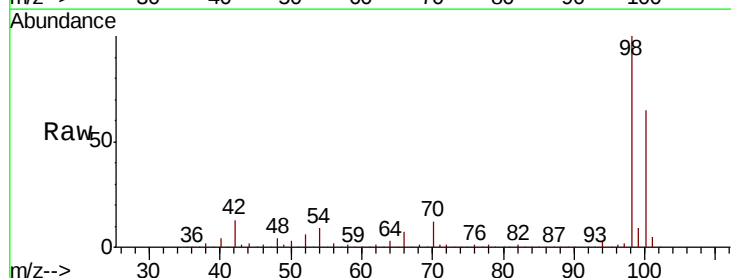


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

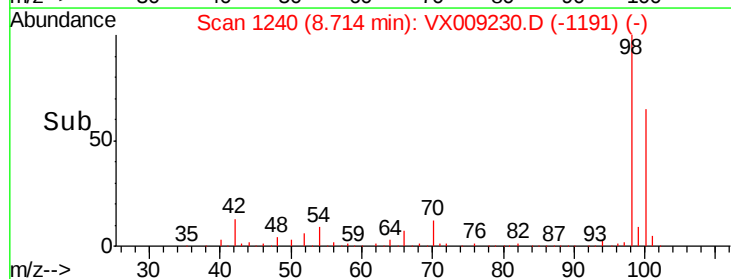
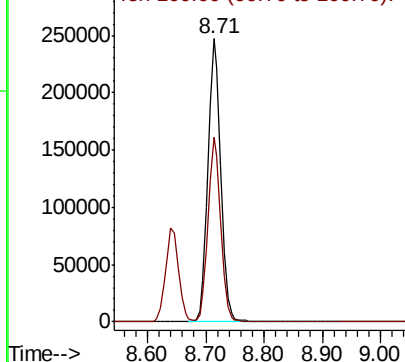


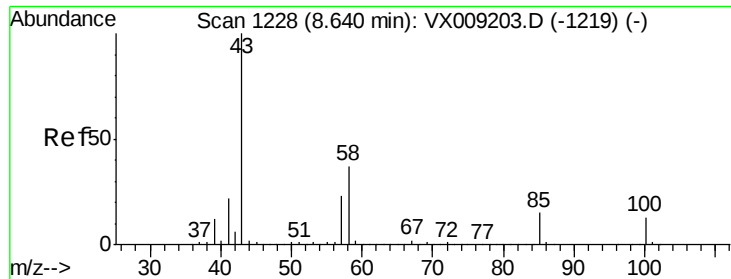
#50
Toluene-d8
Concen: 49.001 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009230.D
Acq: 30 Apr 2019 00:09

Tgt Ion: 98 Resp: 382056
Ion Ratio Lower Upper
98 100
100 64.7 51.2 76.8



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

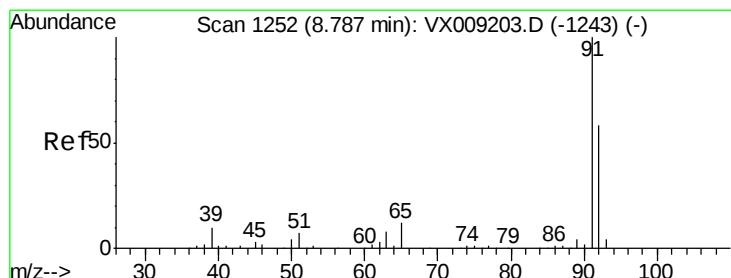
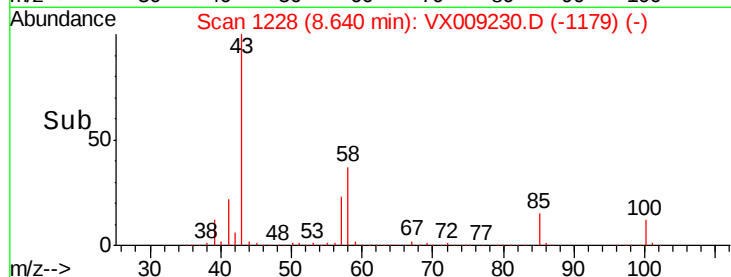
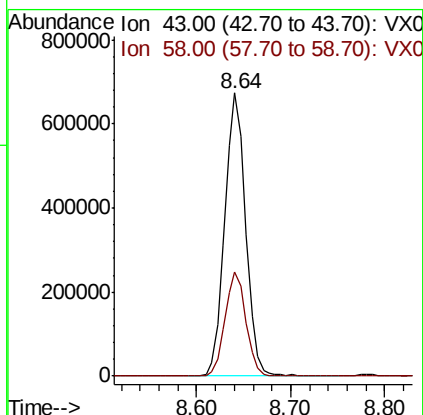
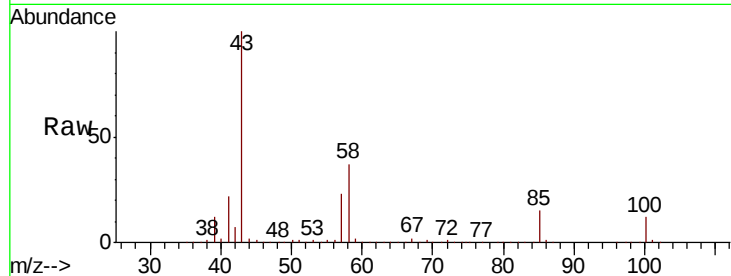




#51
 4-Methyl-2-Pentanone
 Concen: 249.098 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX009230.D
 Acq: 30 Apr 2019 00:09

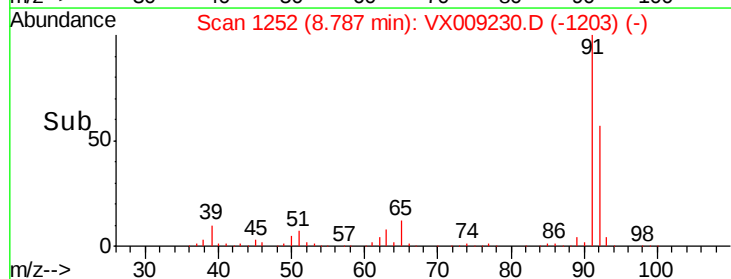
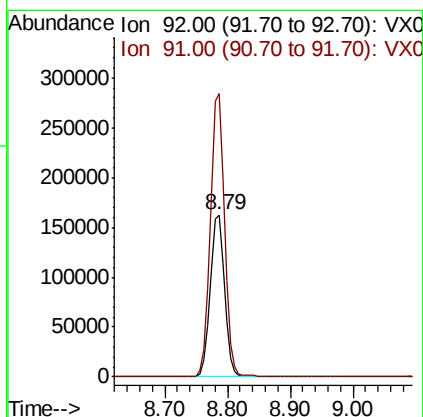
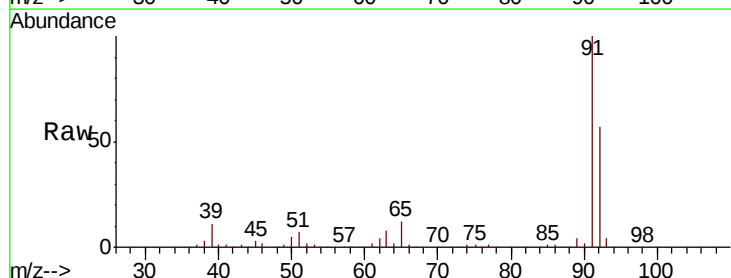
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423MSD

Tgt Ion: 43 Resp: 1035932
 Ion Ratio Lower Upper
 43 100
 58 36.7 29.5 44.3



#52
 Toluene
 Concen: 48.026 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX009230.D
 Acq: 30 Apr 2019 00:09

Tgt Ion: 92 Resp: 257938
 Ion Ratio Lower Upper
 92 100
 91 173.5 138.8 208.2

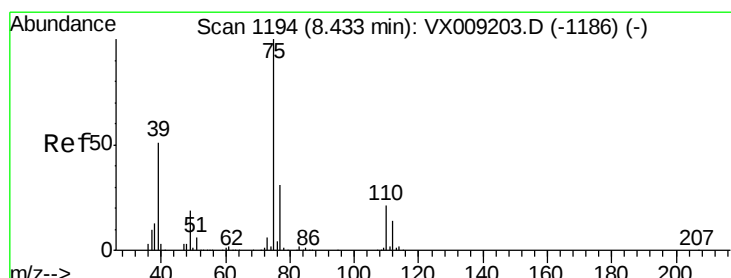
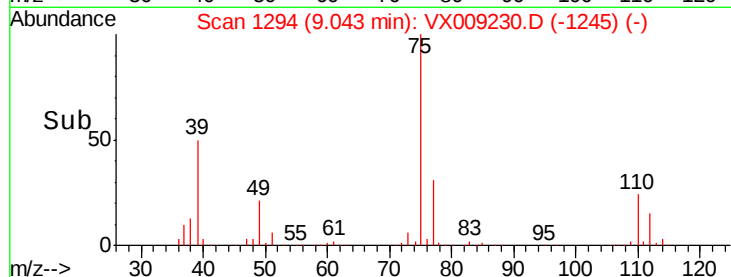
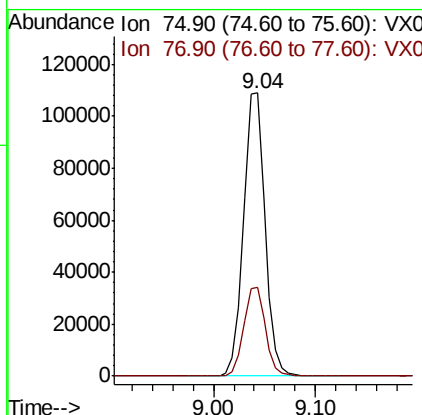
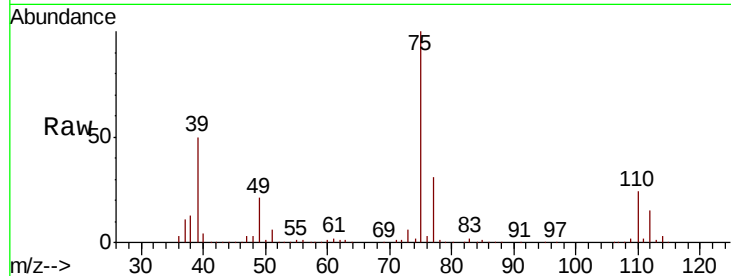




#53
 t-1,3-Dichloropropene
 Concen: 48.811 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX009230.D
 Acq: 30 Apr 2019 00:09

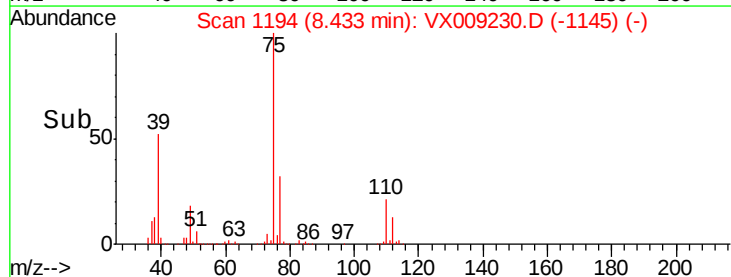
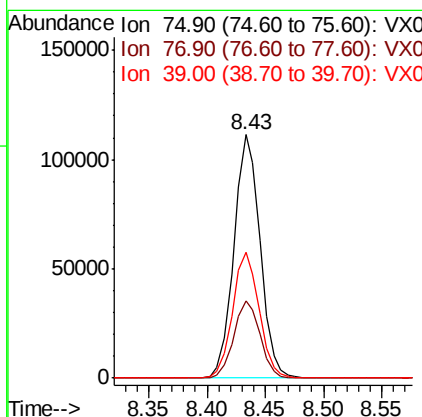
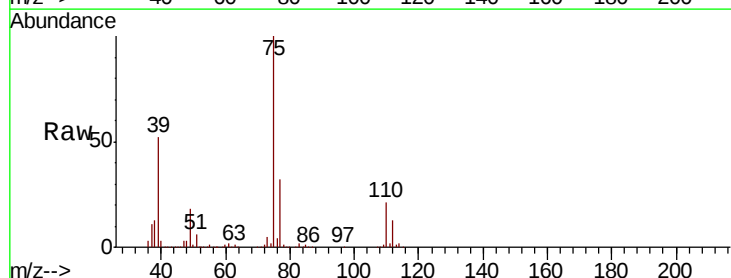
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423MSD

Tgt Ion: 75 Resp: 159707
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 48.279 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX009230.D
 Acq: 30 Apr 2019 00:09

Tgt Ion: 75 Resp: 174844
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.6 36.8
 39 51.6 40.6 60.8

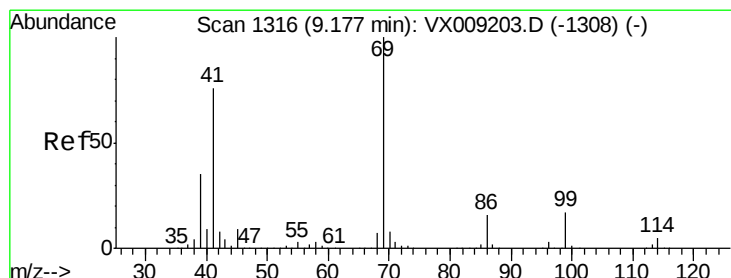
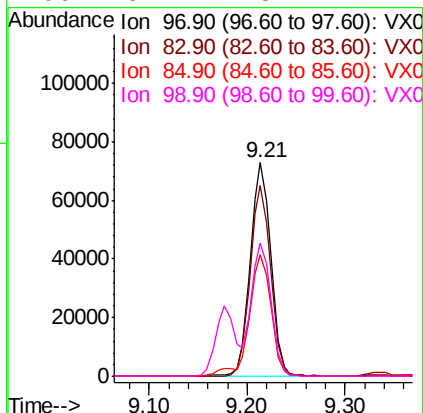
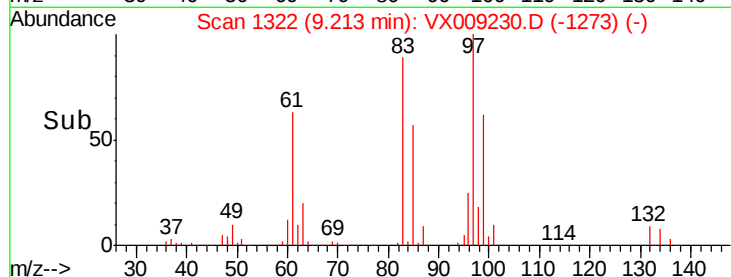
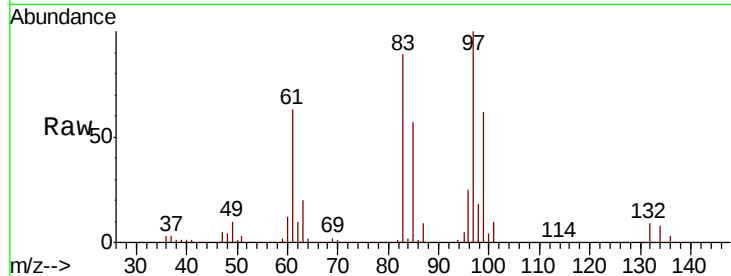




#55
1,1,2-Trichloroethane
Concen: 48.646 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX009230.D
Acq: 30 Apr 2019 00:09

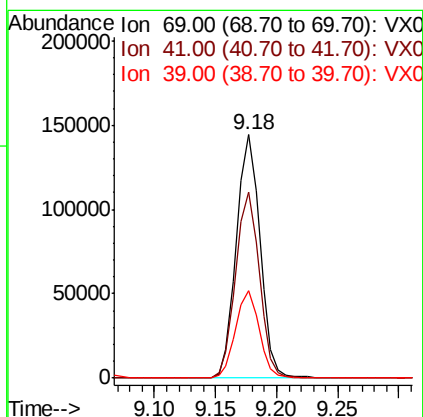
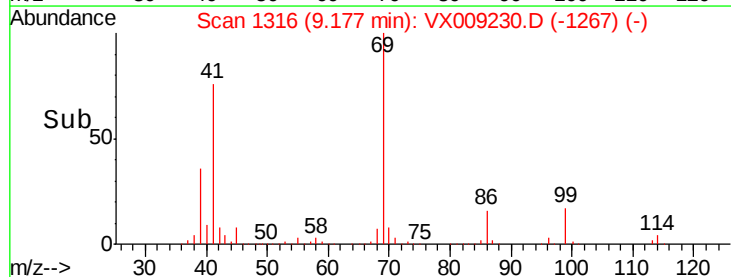
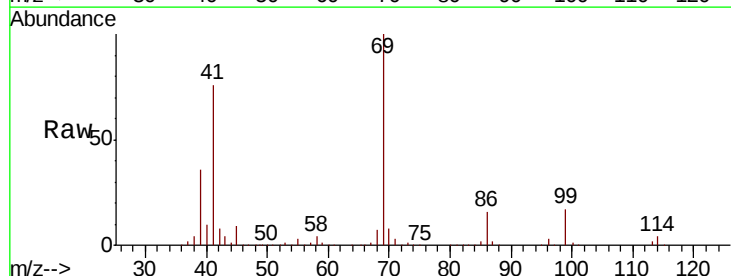
Instrument :
MSVOA_X
ClientSampleId :
WP021MW038-190423MSD

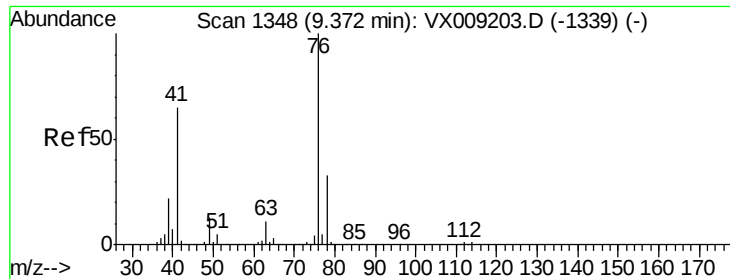
Tgt Ion:	97	Resp:	106591
Ion	Ratio	Lower	Upper
97	100		
83	89.0	68.9	103.3
85	56.8	43.8	65.6
99	62.2	48.2	72.2



#56
Ethyl methacrylate
Concen: 49.640 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX009230.D
Acq: 30 Apr 2019 00:09

Tgt Ion:	69	Resp:	194160
Ion	Ratio	Lower	Upper
69	100		
41	76.4	60.6	90.8
39	35.8	28.2	42.4





#57

1,3-Dichloropropane

Concen: 48.504 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Instrument :

MSVOA_X

ClientSampleId :

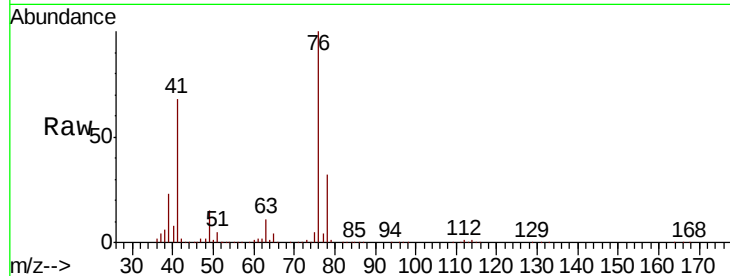
WP021MW038-190423MSD

Tgt Ion: 76 Resp: 187027

Ion Ratio Lower Upper

76 100

78 32.1 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

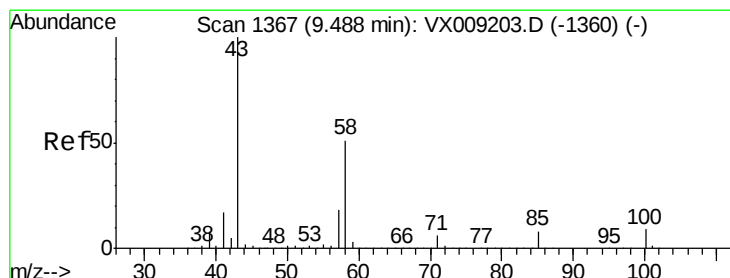
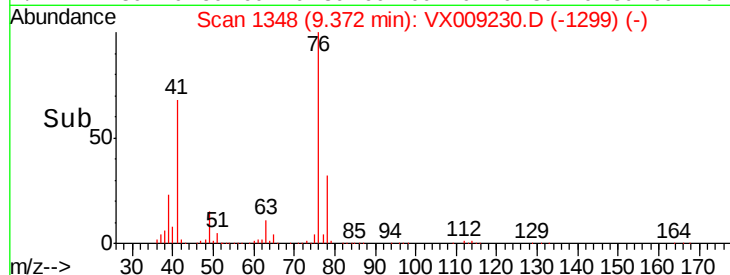
100000

50000

0

9.30 9.40 9.50

Time-->



#59

2-Hexanone

Concen: 246.357 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VX009230.D

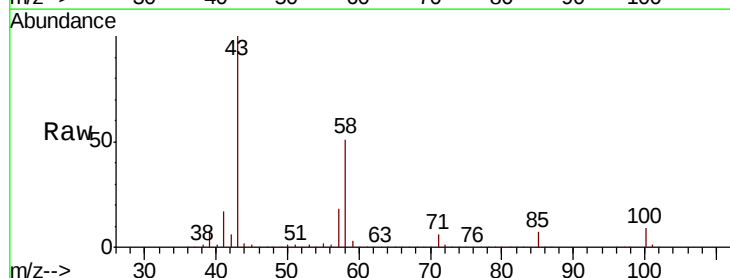
Acq: 30 Apr 2019 00:09

Tgt Ion: 43 Resp: 804658

Ion Ratio Lower Upper

43 100

58 51.5 25.9 77.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

600000

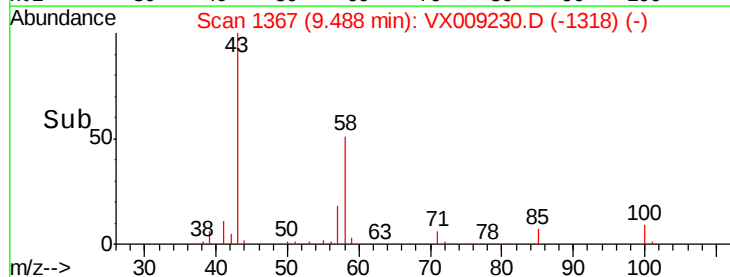
400000

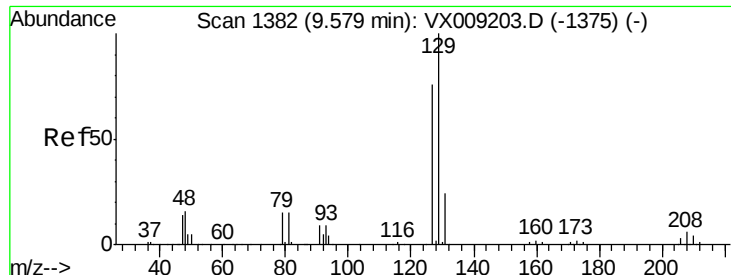
200000

0

9.40 9.50 9.60

Time-->





#60

Dibromochloromethane

Concen: 49.769 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Instrument :

MSVOA_X

ClientSampleId :

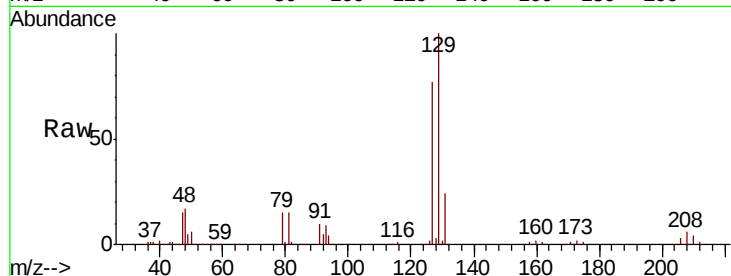
WP021MW038-190423MSD

Tgt Ion:129 Resp: 106510

Ion Ratio Lower Upper

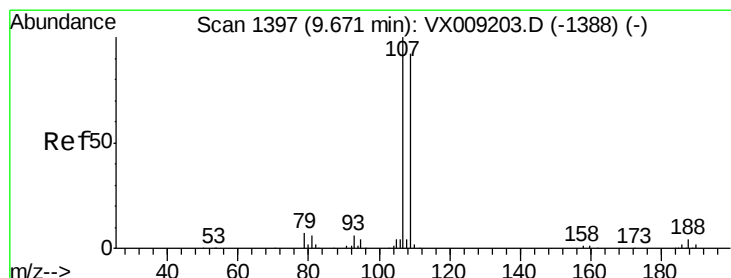
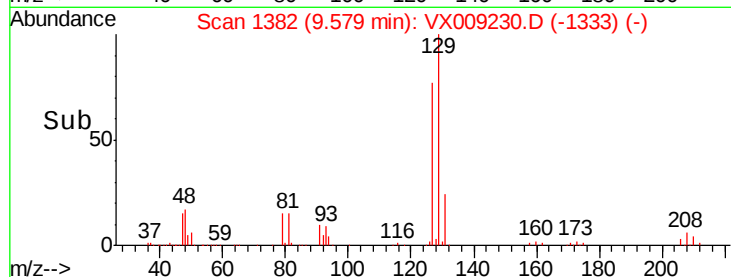
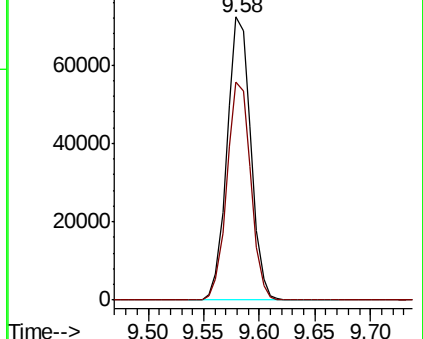
129 100

127 77.2 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.195 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009230.D

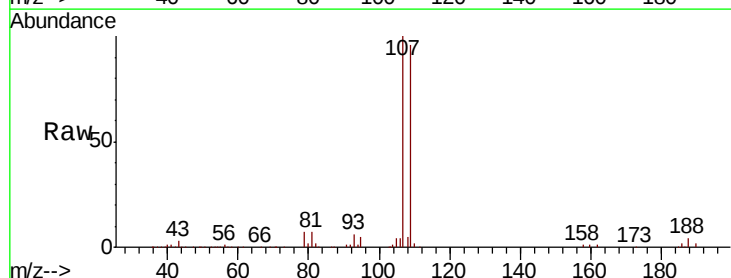
Acq: 30 Apr 2019 00:09

Tgt Ion:107 Resp: 108811

Ion Ratio Lower Upper

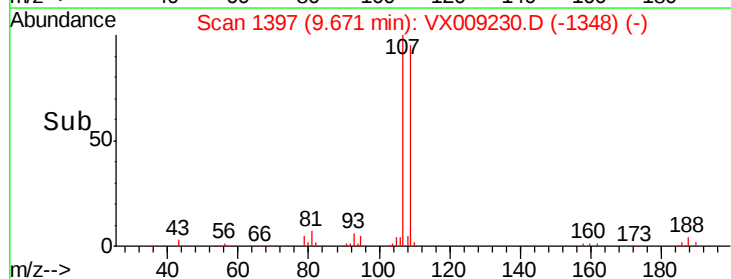
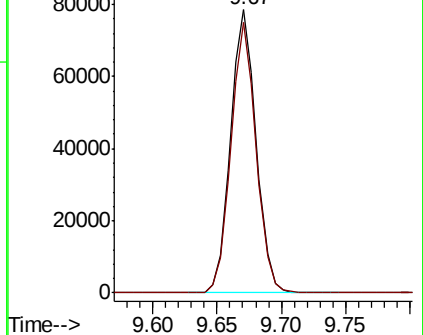
107 100

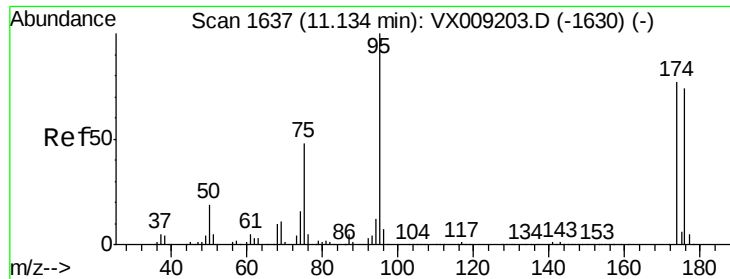
109 94.2 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 49.463 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MSD

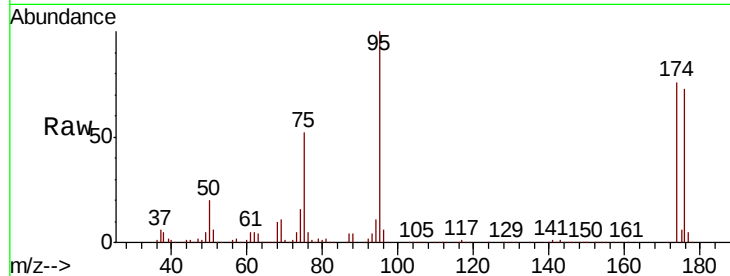
Tgt Ion: 95 Resp: 140131

Ion Ratio Lower Upper

95 100

174 79.5 0.0 161.6

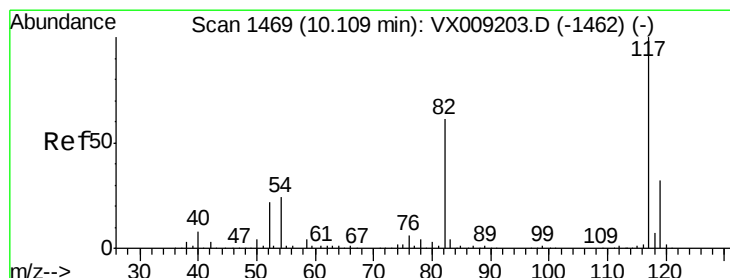
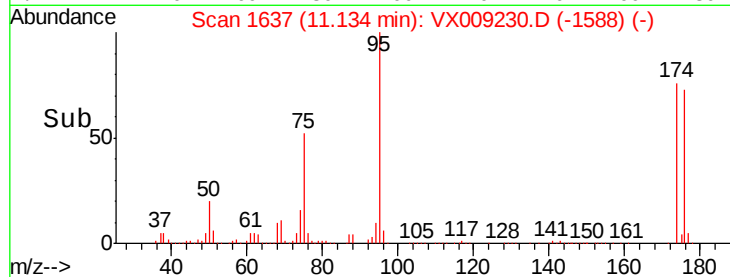
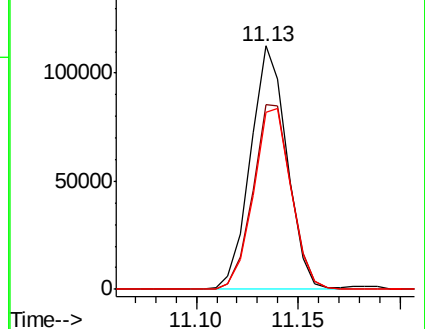
176 77.2 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009230.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX009230.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX009230.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

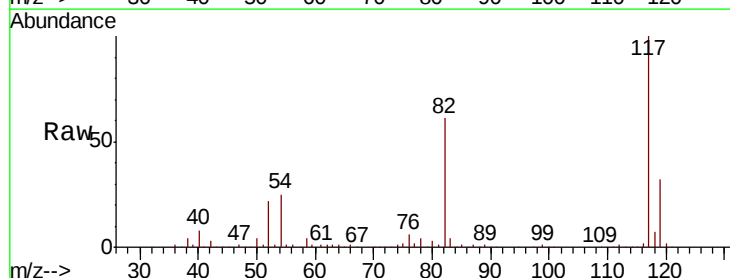
Tgt Ion: 117 Resp: 280289

Ion Ratio Lower Upper

117 100

82 60.7 48.8 73.2

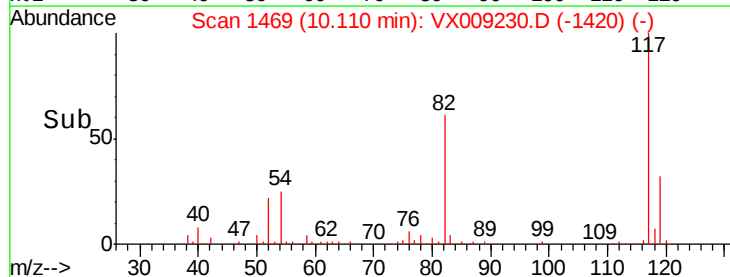
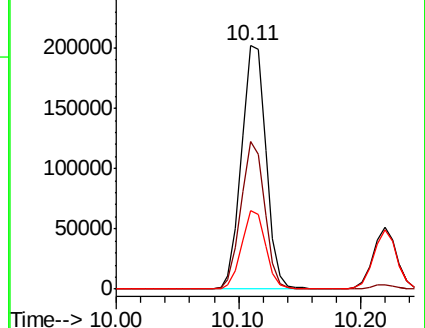
119 32.4 25.8 38.6

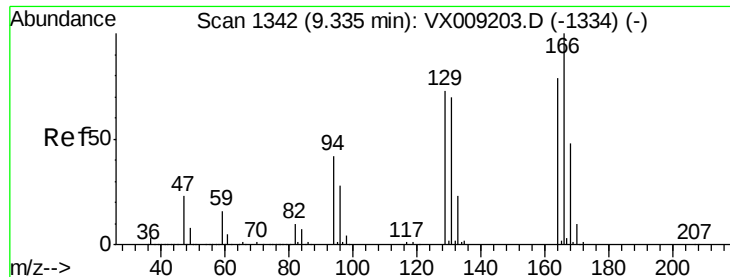


Abundance Ion 116.90 (116.60 to 117.60): VX009230.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX009230.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX009230.D (-1462) (-)





#64

Tetrachloroethene

Concen: 44.554 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MSD

Tgt Ion:164 Resp: 85663

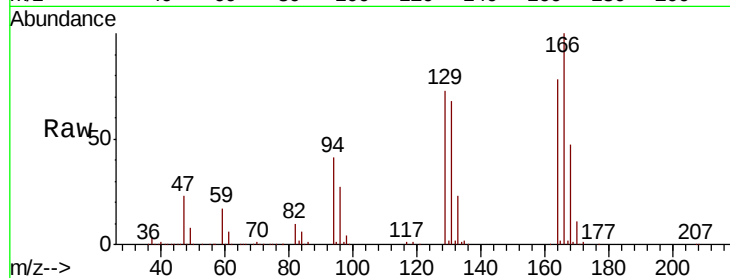
Ion Ratio Lower Upper

164 100

166 127.8 101.2 151.8

129 92.7 74.3 111.5

131 87.3 71.0 106.6

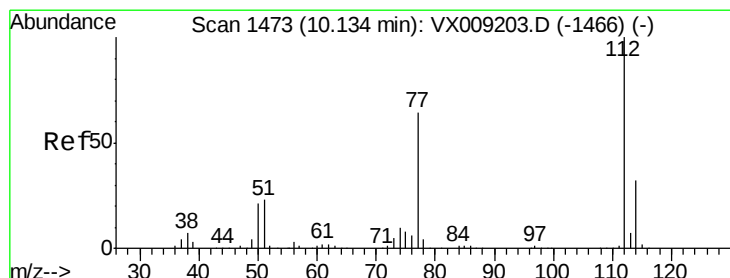
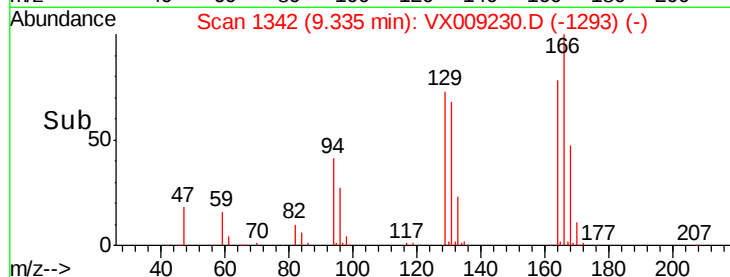
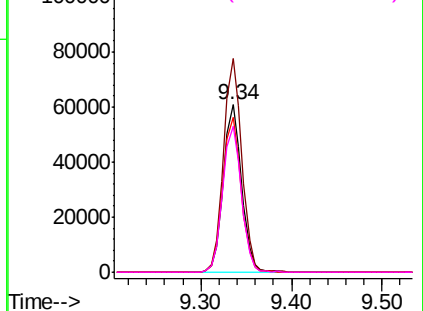


Abundance Ion 163.80 (163.50 to 164.50): V

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: 49.919 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX009230.D

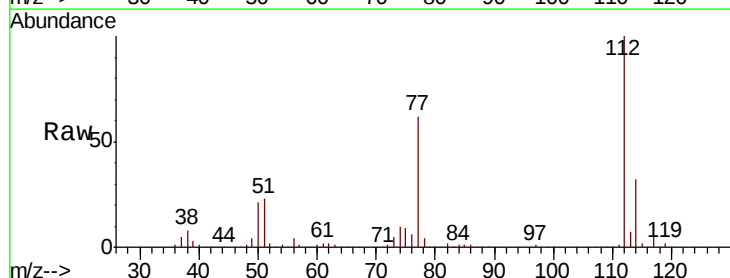
Acq: 30 Apr 2019 00:09

Tgt Ion:112 Resp: 279900

Ion Ratio Lower Upper

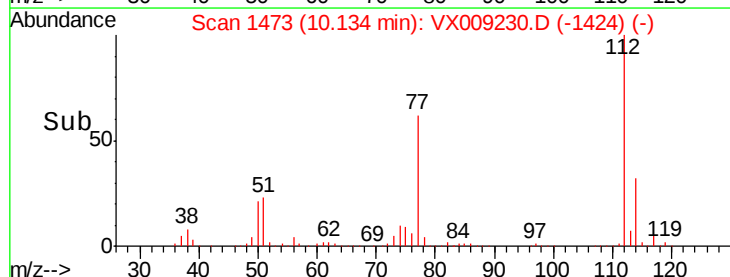
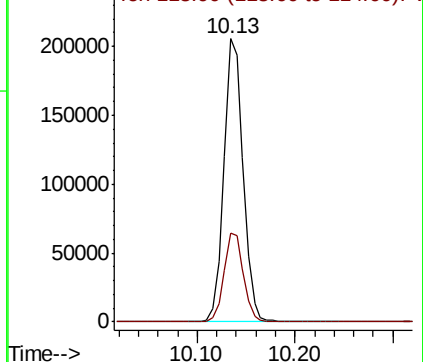
112 100

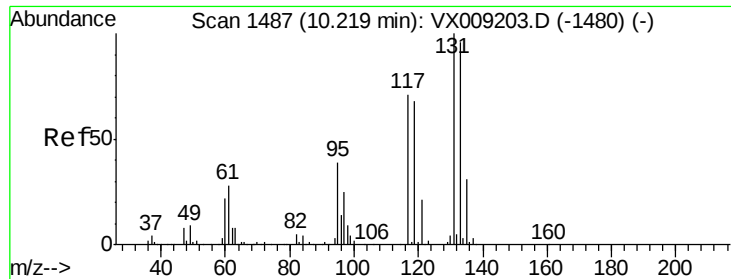
114 31.6 25.5 38.3



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: 48.243 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MSD

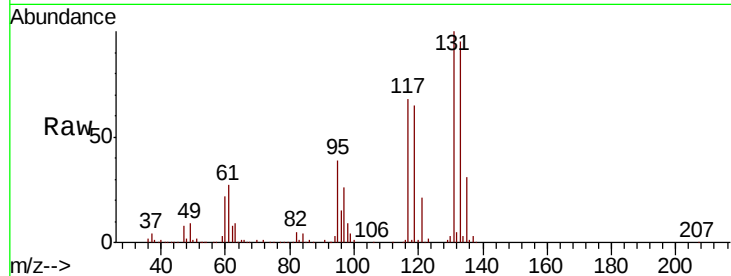
Tgt Ion: 131 Resp: 98068

Ion Ratio Lower Upper

131 100

133 95.5 47.7 143.1

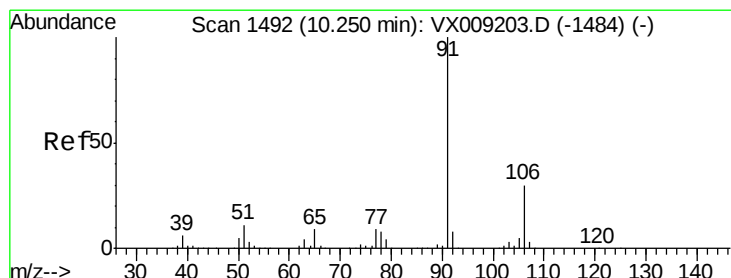
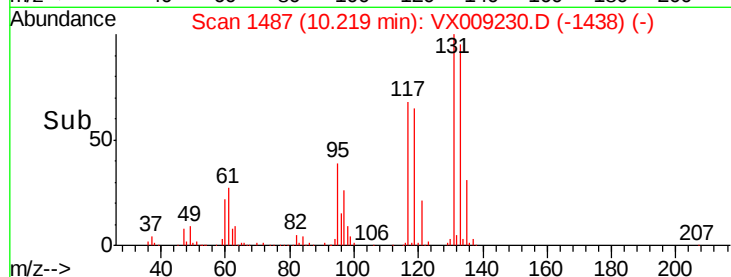
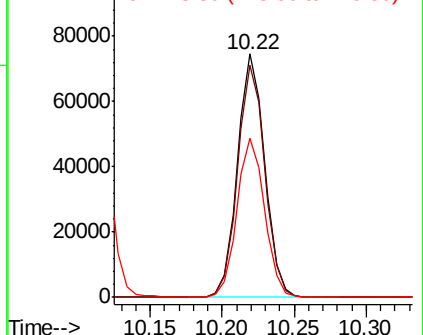
119 66.6 33.5 100.4



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: 47.652 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009230.D

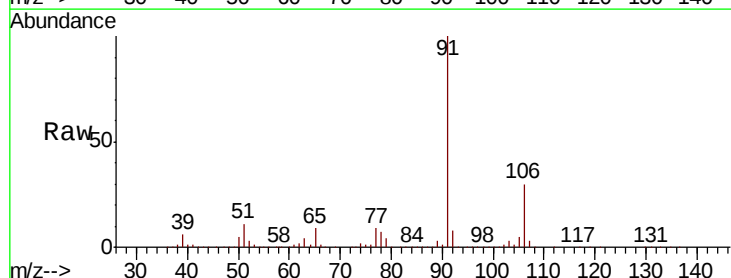
Acq: 30 Apr 2019 00:09

Tgt Ion: 91 Resp: 491722

Ion Ratio Lower Upper

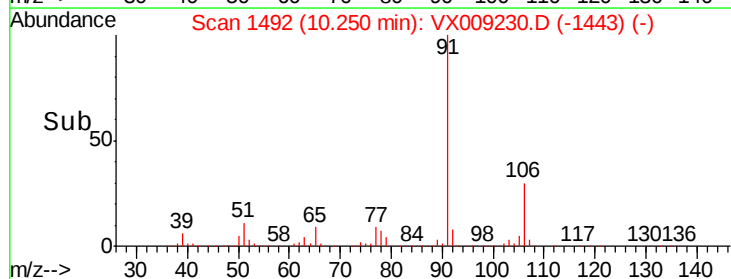
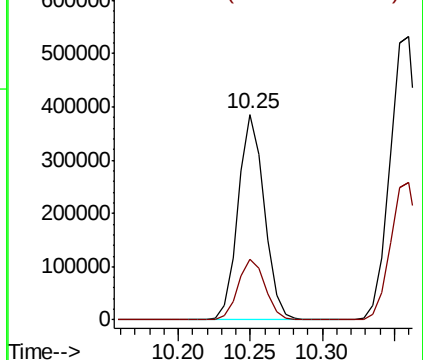
91 100

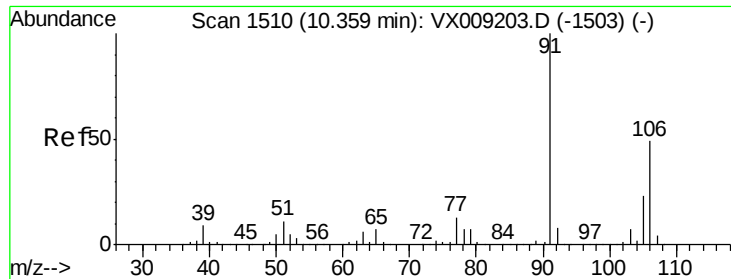
106 29.6 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

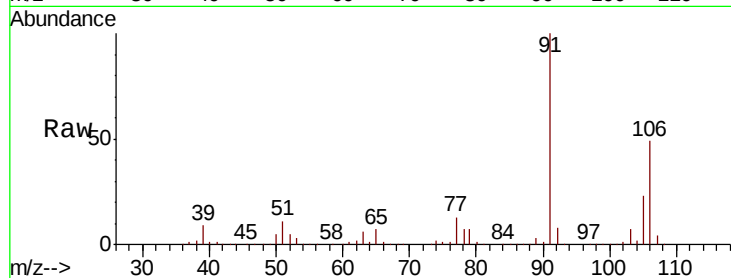




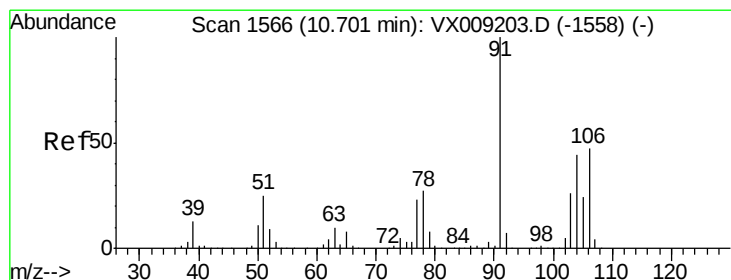
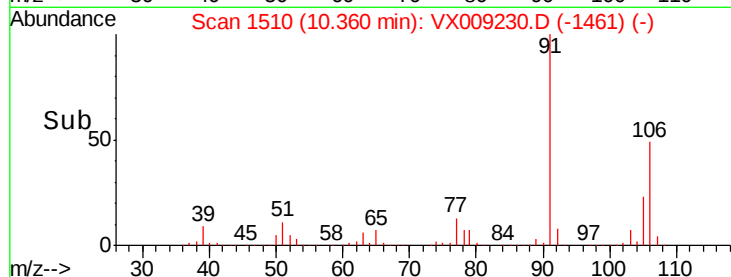
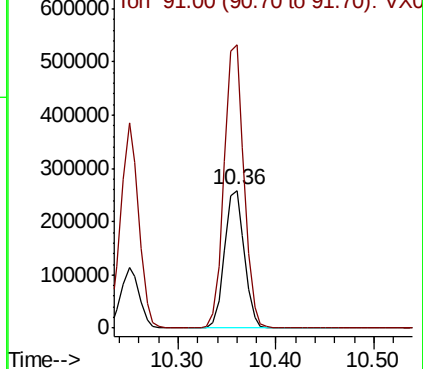
#68
m/p-Xylenes
Concen: 96.039 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009230.D
Acq: 30 Apr 2019 00:09

Instrument :
MSVOA_X
ClientSampleId :
WP021MW038-190423MSD

Tgt Ion:106 Resp: 362154
Ion Ratio Lower Upper
106 100
91 207.1 164.0 246.0

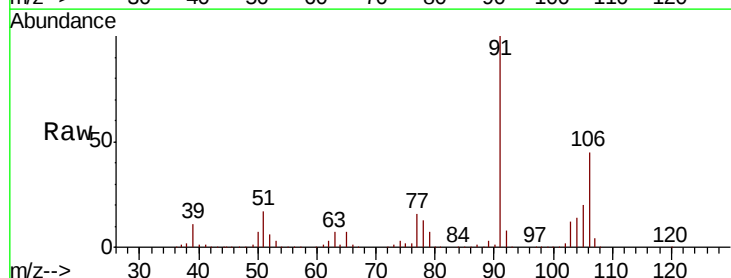


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

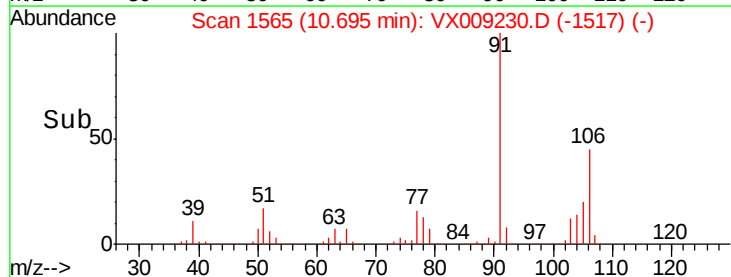
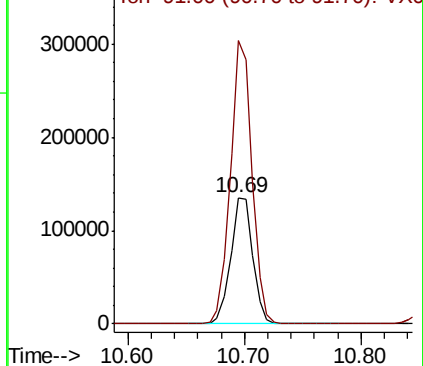


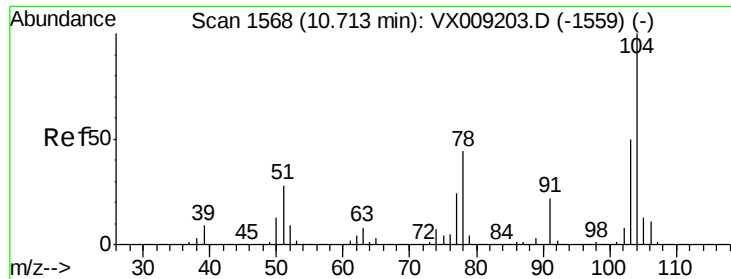
#69
o-Xylene
Concen: 48.198 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009230.D
Acq: 30 Apr 2019 00:09

Tgt Ion:106 Resp: 179325
Ion Ratio Lower Upper
106 100
91 218.2 109.5 328.4



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

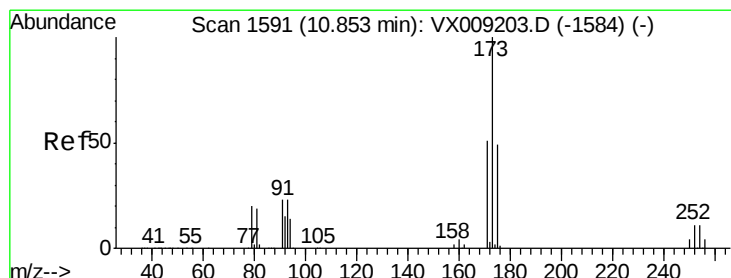
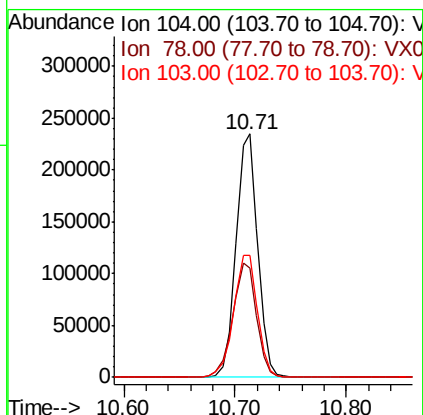
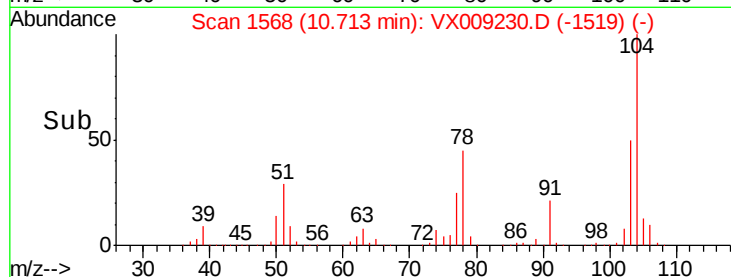
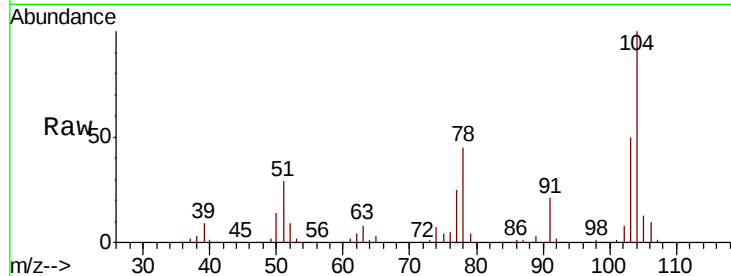




#70
Styrene
Concen: 48.571 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009230.D
Acq: 30 Apr 2019 00:09

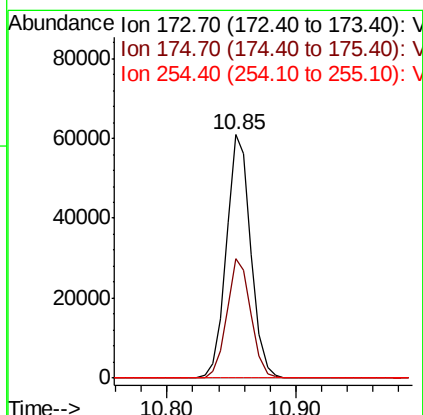
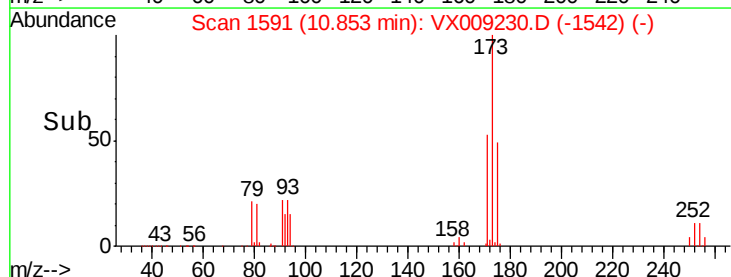
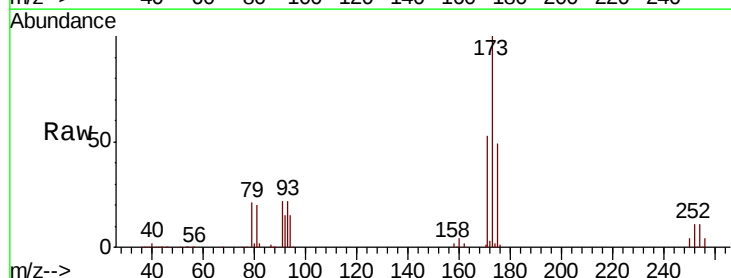
Instrument :
MSVOA_X
ClientSampleId :
WP021MW038-190423MSD

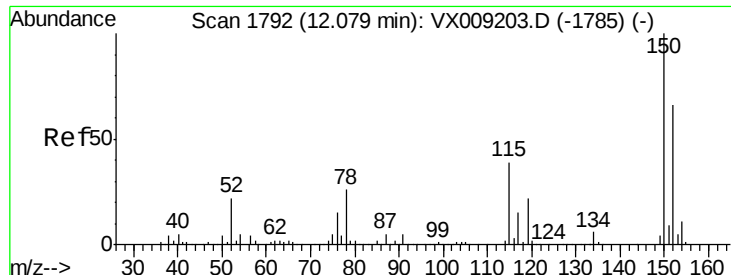
Tgt Ion:104 Resp: 314089
Ion Ratio Lower Upper
104 100
78 51.7 41.0 61.4
103 55.5 43.8 65.6



#71
Bromoform
Concen: 48.979 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX009230.D
Acq: 30 Apr 2019 00:09

Tgt Ion:173 Resp: 80910
Ion Ratio Lower Upper
173 100
175 48.2 24.5 73.5
254 0.2 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MSD

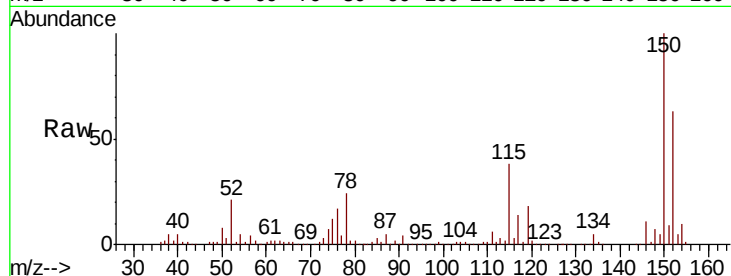
Tgt Ion:152 Resp: 135285

Ion Ratio Lower Upper

152 100

115 80.9 41.2 123.6

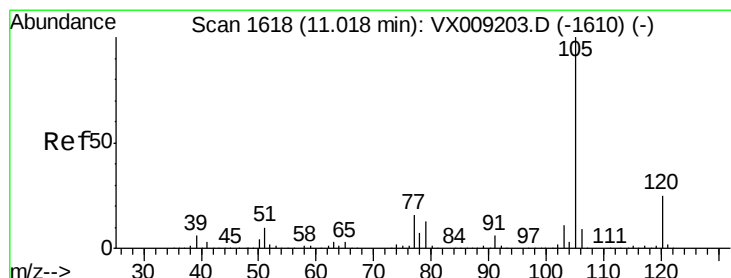
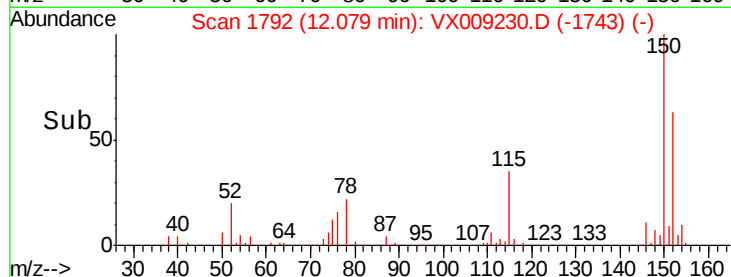
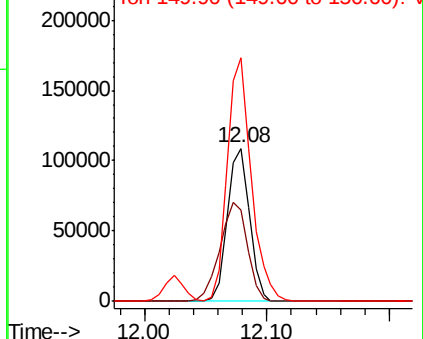
150 172.6 0.0 346.4



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: 47.929 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009230.D

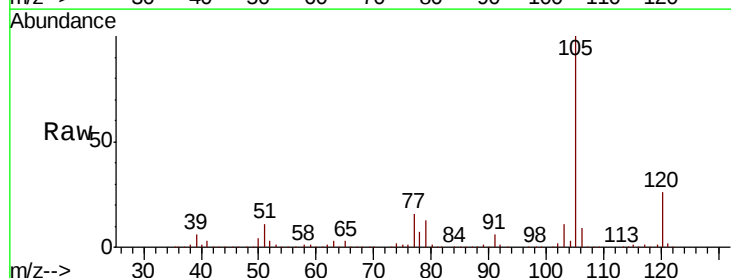
Acq: 30 Apr 2019 00:09

Tgt Ion:105 Resp: 471511

Ion Ratio Lower Upper

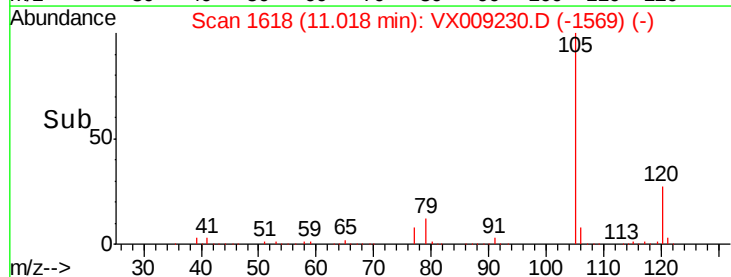
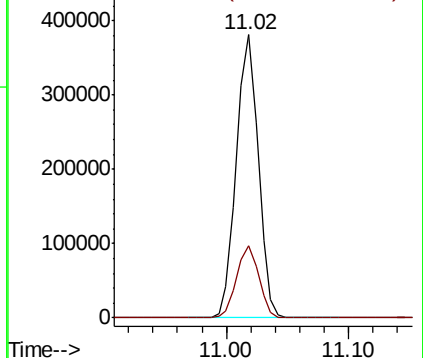
105 100

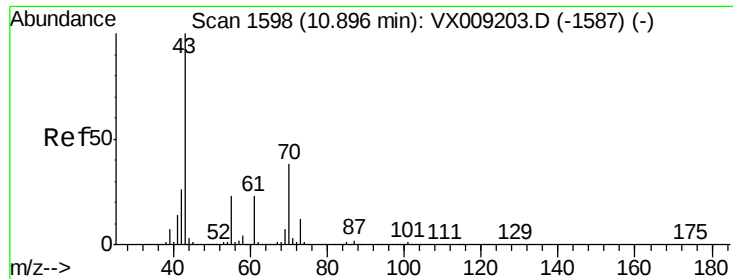
120 25.7 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 48.815 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MSD

Tgt Ion: 43 Resp: 279981

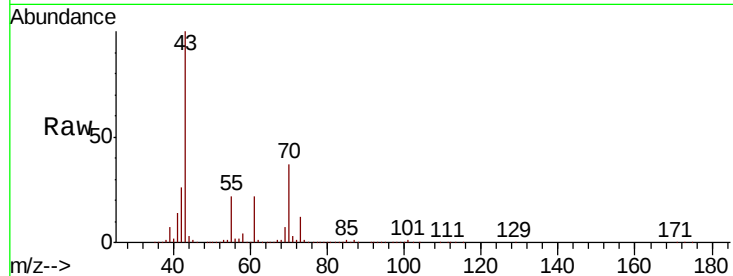
Ion Ratio Lower Upper

43 100

70 37.5 30.0 45.0

55 22.4 17.9 26.9

61 22.4 18.4 27.6

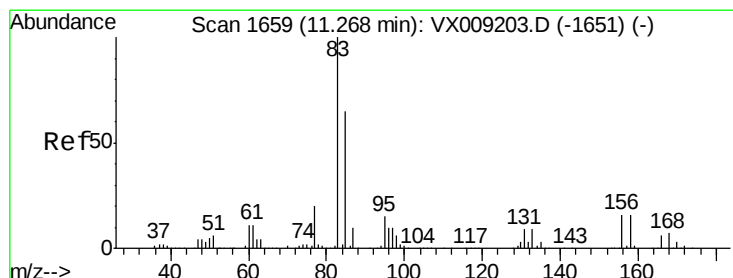
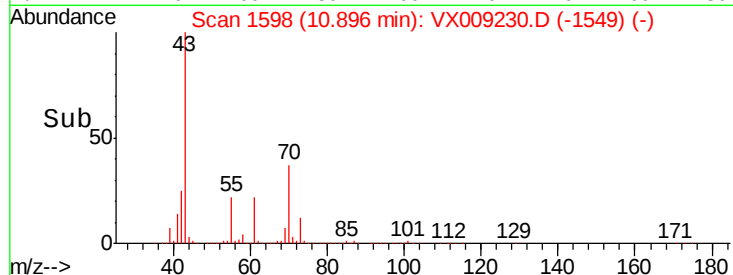
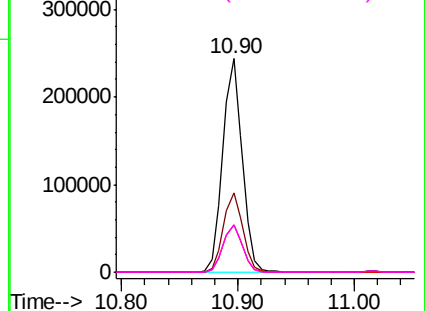


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.844 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

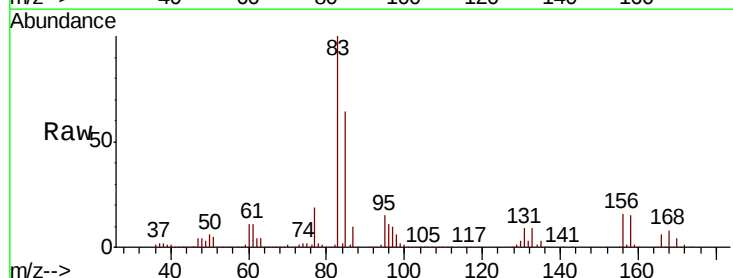
Tgt Ion: 83 Resp: 179131

Ion Ratio Lower Upper

83 100

131 9.3 4.6 13.8

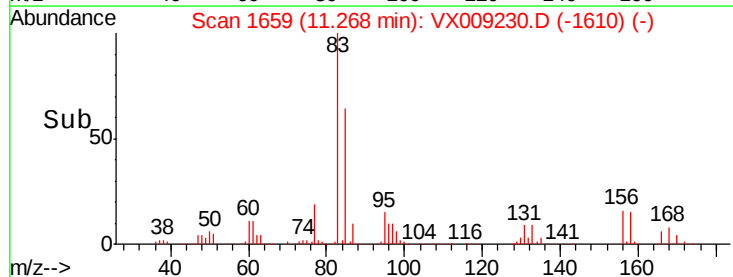
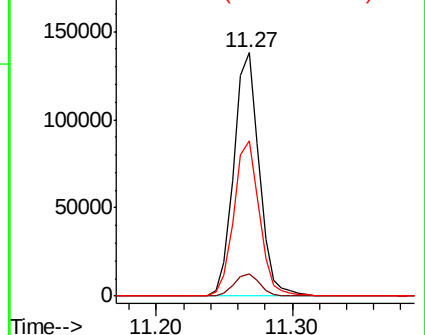
85 64.4 32.0 96.2

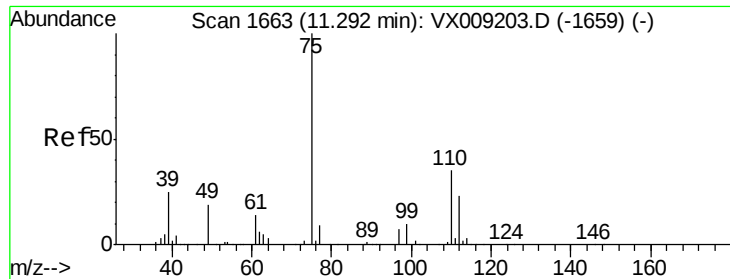


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

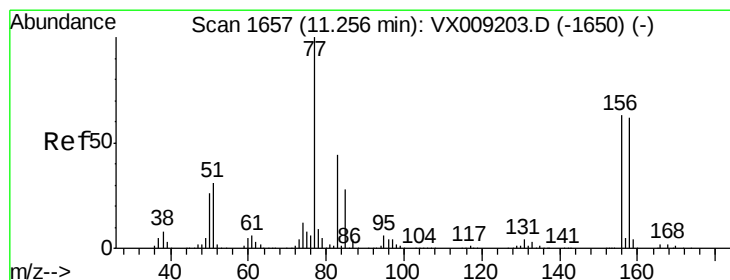
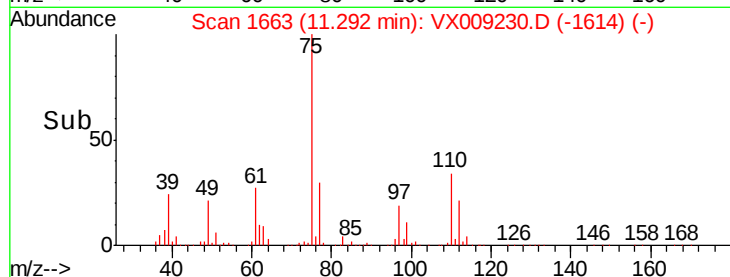
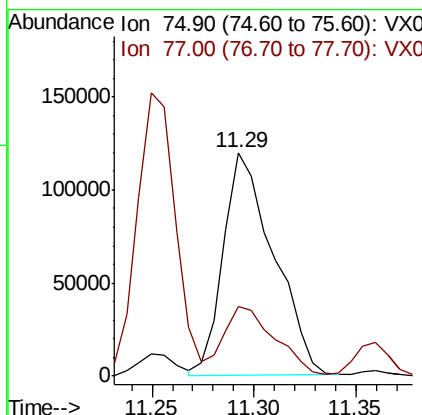
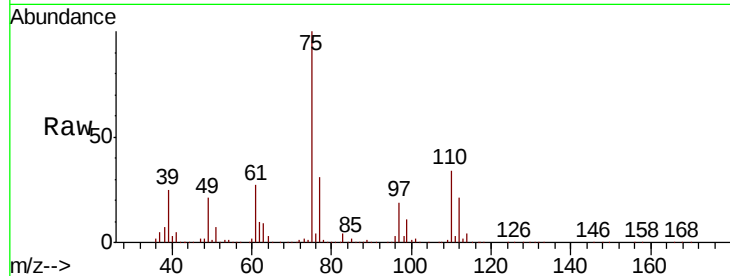




#76
 1,2,3-Trichloropropane
 Concen: 65.155 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX009230.D
 Acq: 30 Apr 2019 00:09

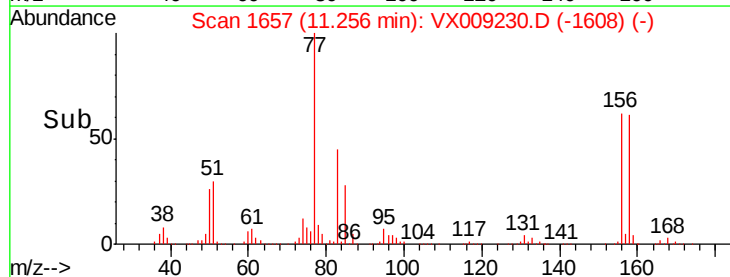
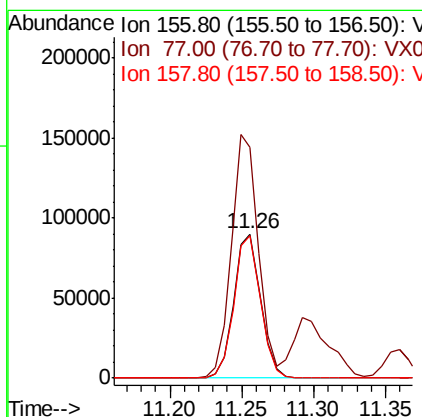
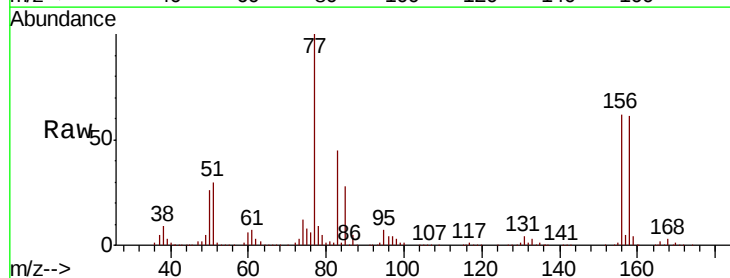
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423MSD

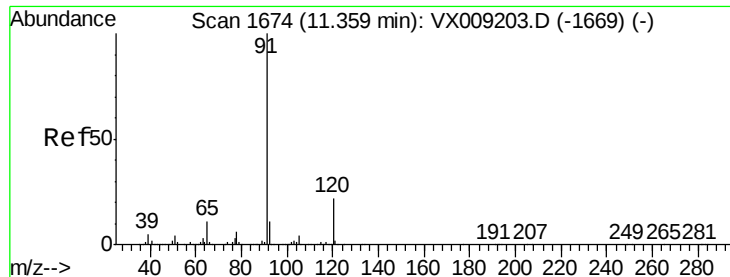
Tgt Ion: 75 Resp: 204463
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.1 66.1



#77
 Bromobenzene
 Concen: 47.901 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX009230.D
 Acq: 30 Apr 2019 00:09

Tgt Ion: 156 Resp: 116964
 Ion Ratio Lower Upper
 156 100
 77 170.1 84.8 254.3
 158 97.9 49.1 147.3

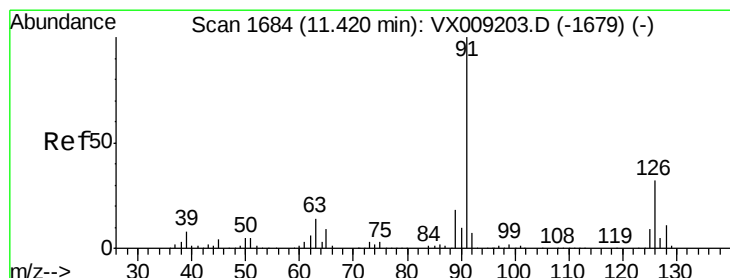
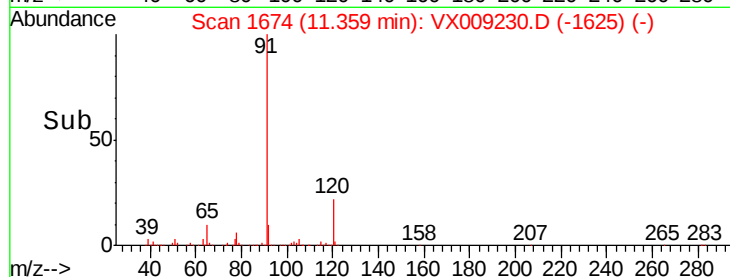
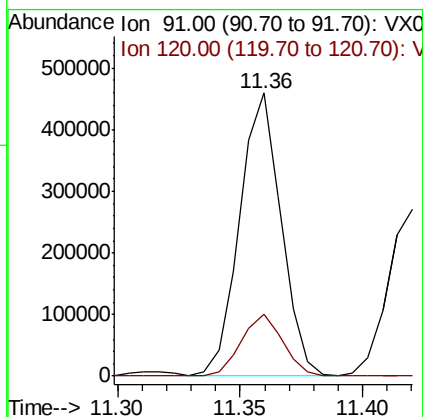
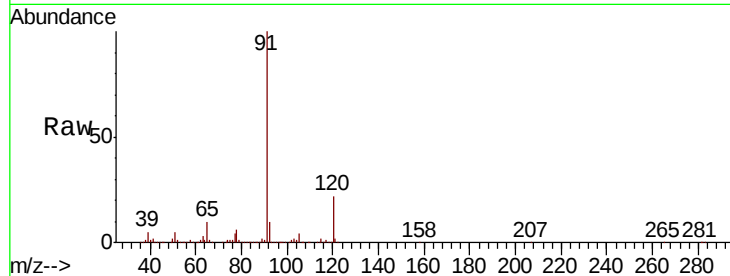




#78
n-propylbenzene
Concen: 48.073 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX009230.D
Acq: 30 Apr 2019 00:09

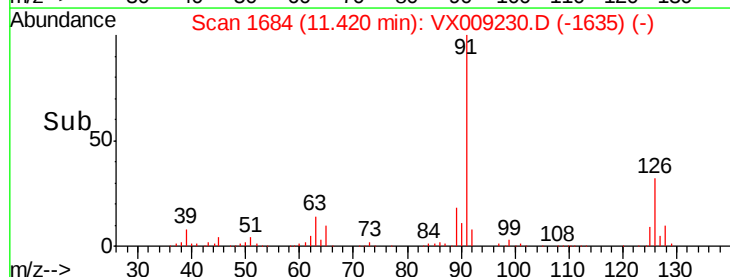
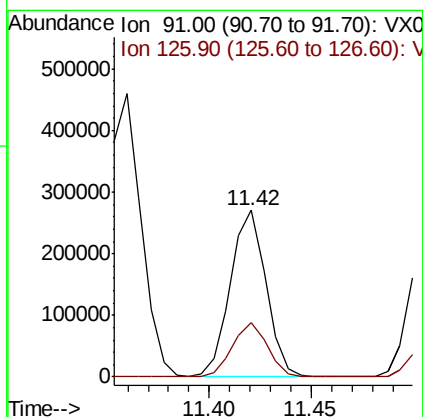
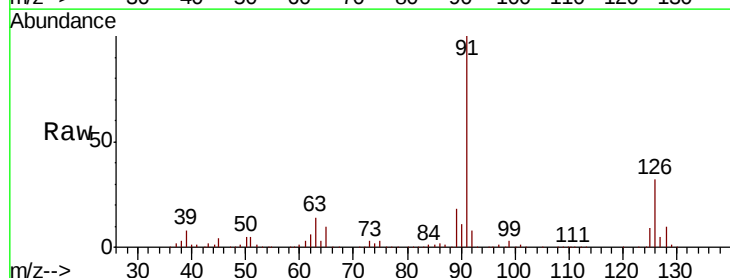
Instrument :
MSVOA_X
ClientSampleId :
WP021MW038-190423MSD

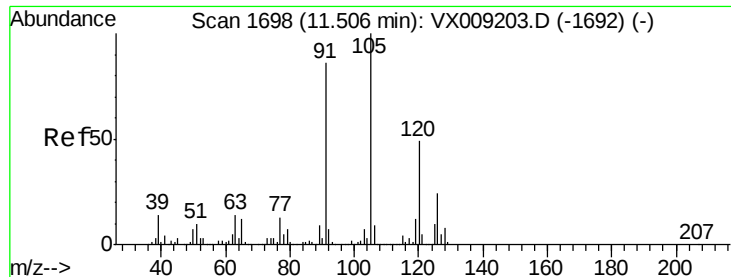
Tgt Ion: 91 Resp: 540107
Ion Ratio Lower Upper
91 100
120 22.0 11.0 33.0



#79
2-Chlorotoluene
Concen: 46.990 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX009230.D
Acq: 30 Apr 2019 00:09

Tgt Ion: 91 Resp: 325715
Ion Ratio Lower Upper
91 100
126 32.3 16.3 48.9

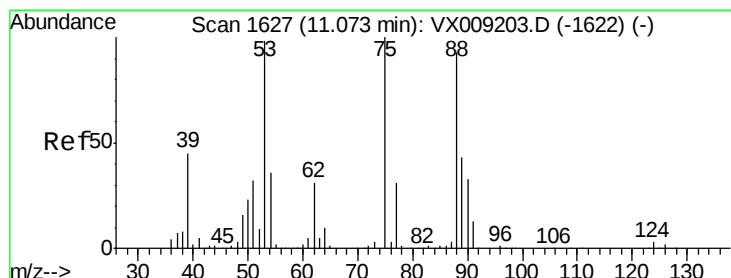
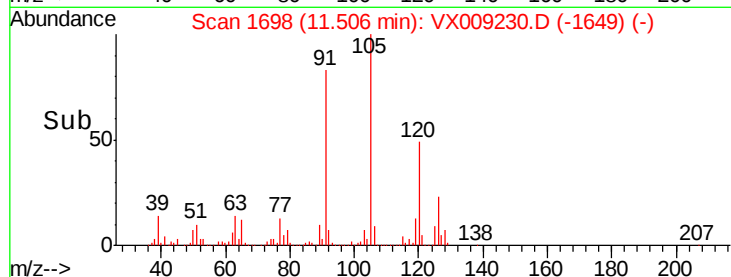
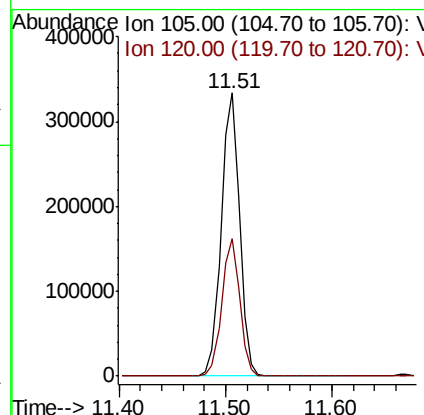
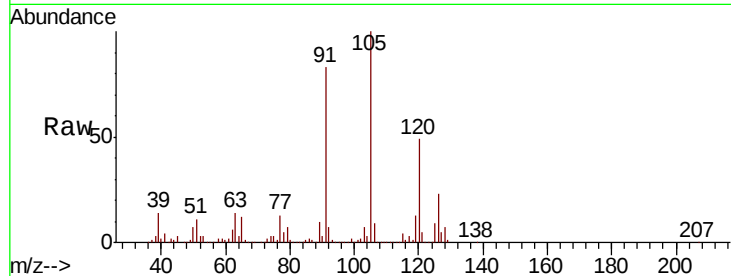




#80
 1,3,5-Trimethylbenzene
 Concen: 47.967 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009230.D
 Acq: 30 Apr 2019 00:09

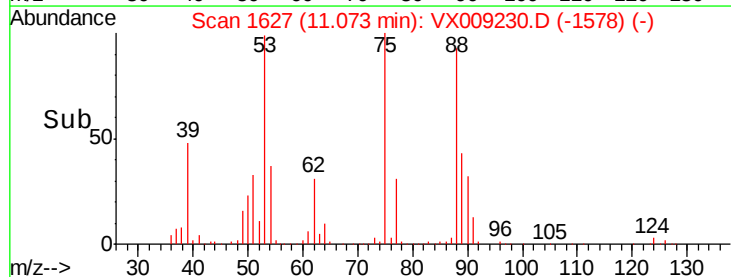
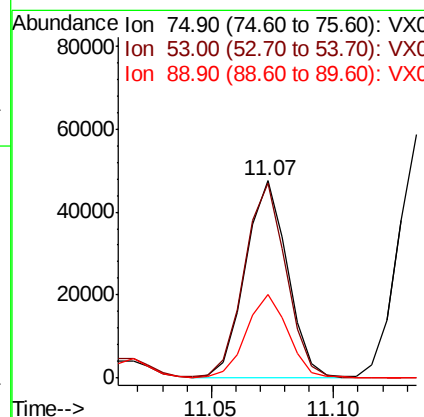
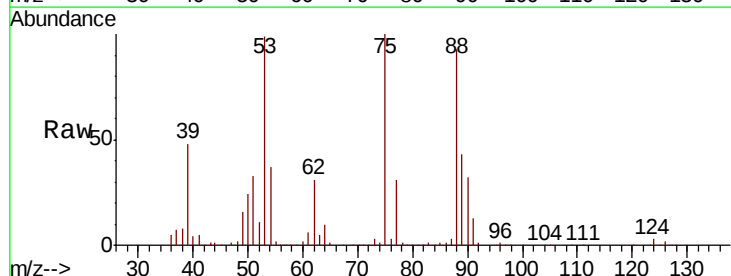
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423MSD

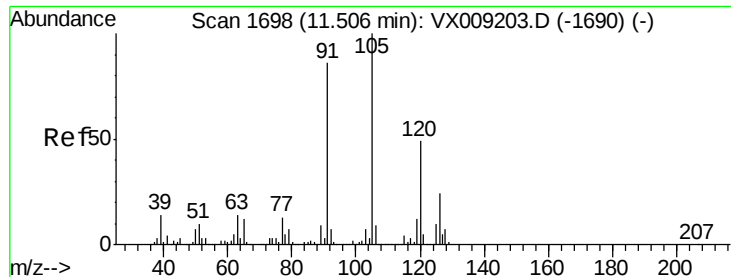
Tgt Ion:105 Resp: 397331
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.356 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX009230.D
 Acq: 30 Apr 2019 00:09

Tgt Ion: 75 Resp: 56855
 Ion Ratio Lower Upper
 75 100
 53 98.4 79.0 118.6
 89 42.1 34.7 52.1

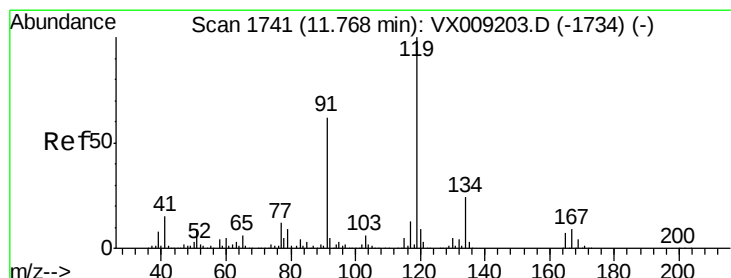
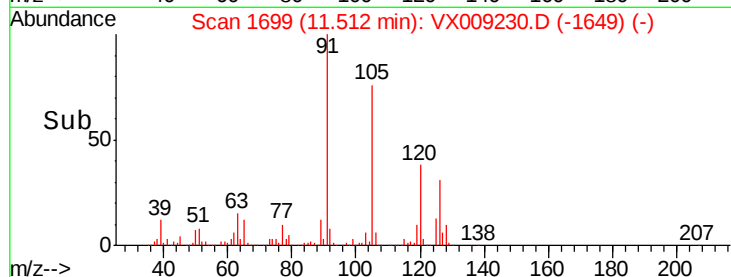
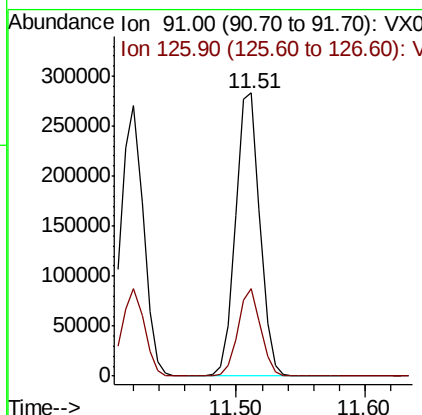
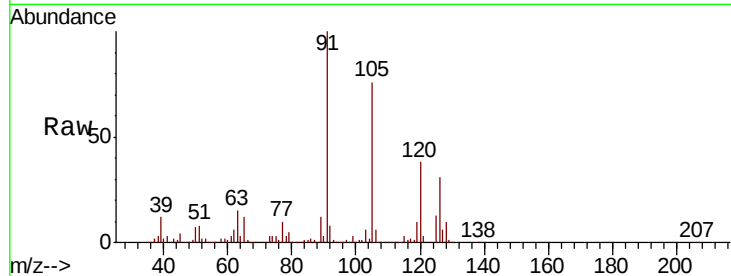




#82
4-Chlorotoluene
Concen: 47.440 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX009230.D
Acq: 30 Apr 2019 00:09

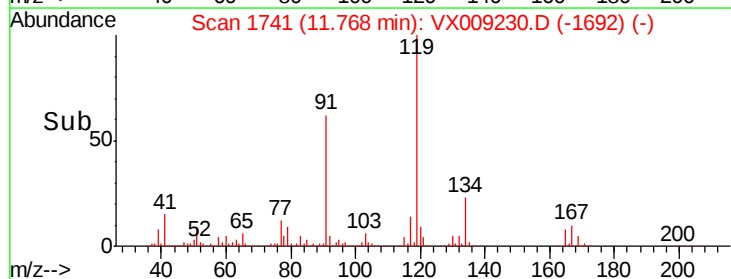
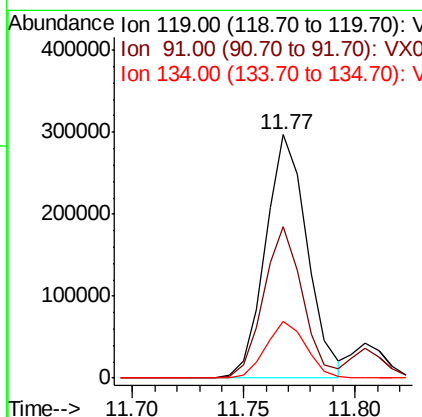
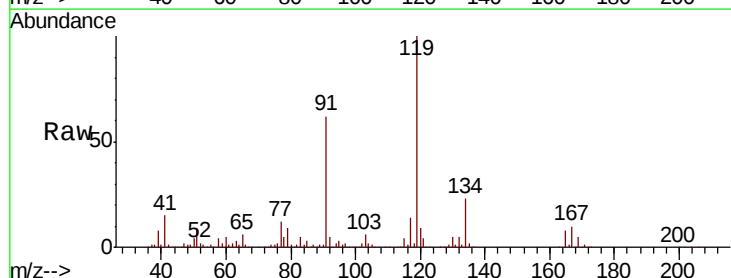
Instrument :
MSVOA_X
ClientSampleId :
WP021MW038-190423MSD

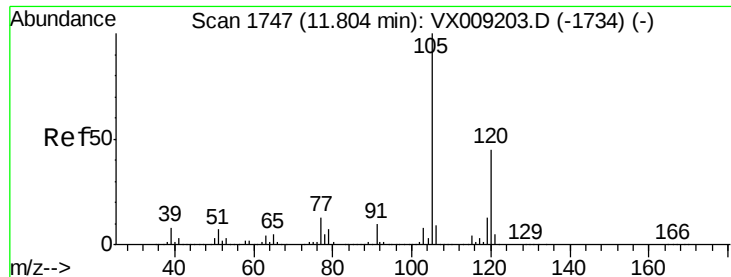
Tgt Ion: 91 Resp: 371485
Ion Ratio Lower Upper
91 100
126 28.9 14.5 43.6



#83
tert-Butylbenzene
Concen: 47.845 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009230.D
Acq: 30 Apr 2019 00:09

Tgt Ion: 119 Resp: 385540
Ion Ratio Lower Upper
119 100
91 58.6 29.5 88.5
134 22.4 11.4 34.1

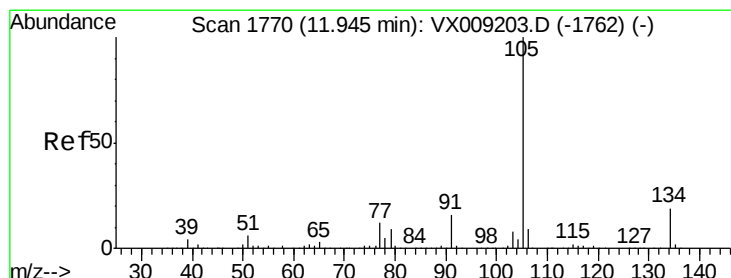
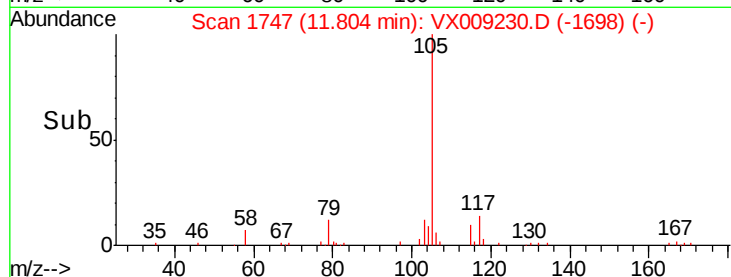
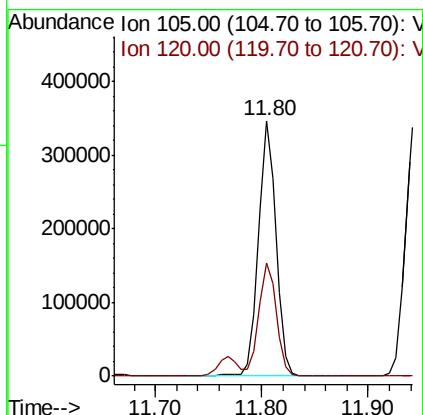
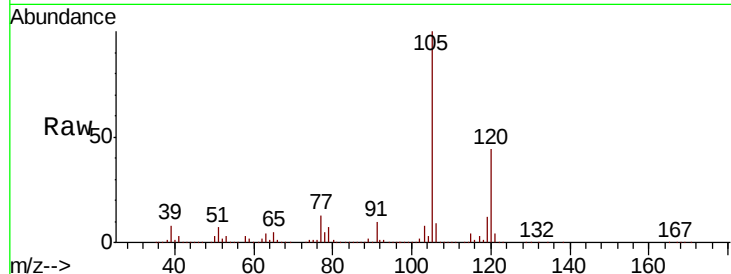




#84
 1,2,4-Trimethylbenzene
 Concen: 48.333 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009230.D
 Acq: 30 Apr 2019 00:09

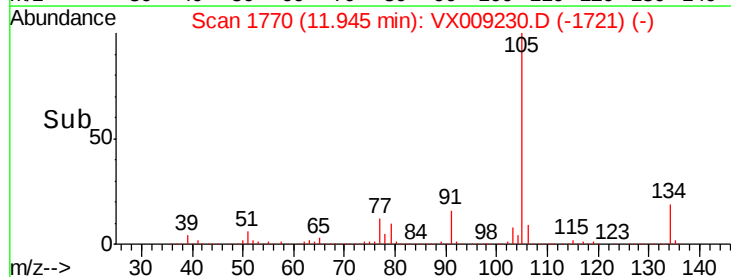
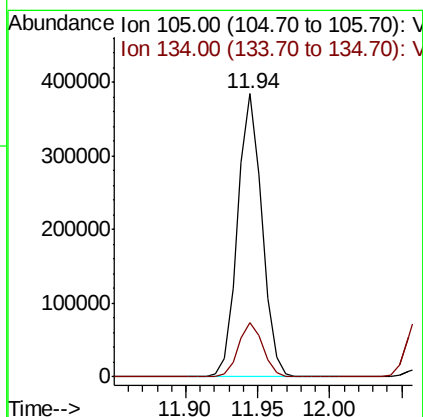
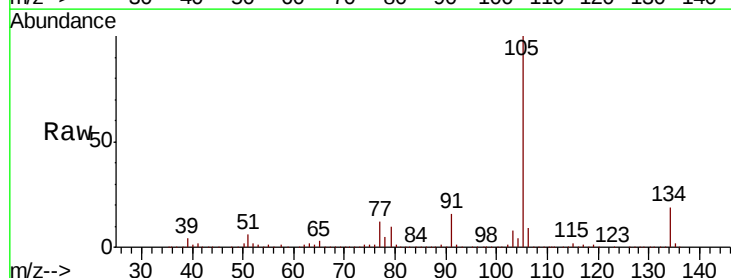
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423MSD

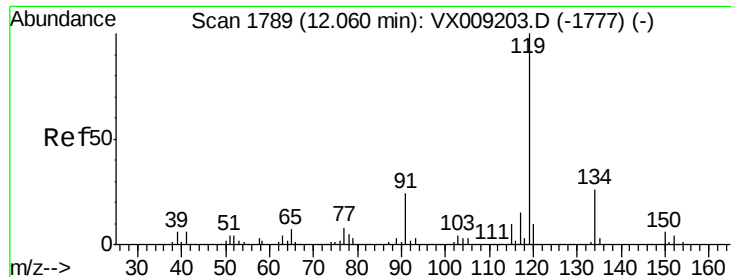
Tgt Ion:105 Resp: 401861
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 47.402 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009230.D
 Acq: 30 Apr 2019 00:09

Tgt Ion:105 Resp: 452849
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 28.9





#86

p-Isopropyltoluene

Concen: 47.508 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MSD

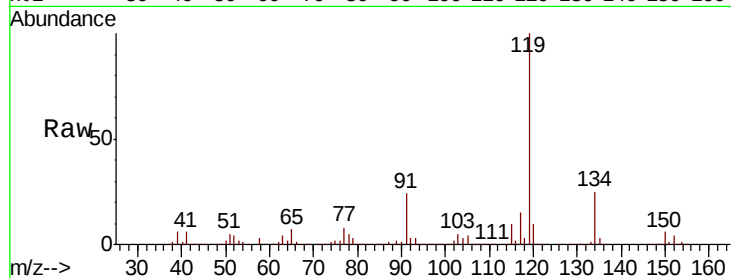
Tgt Ion:119 Resp: 408027

Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.7

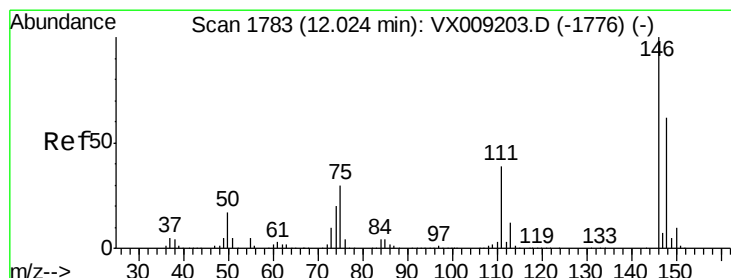
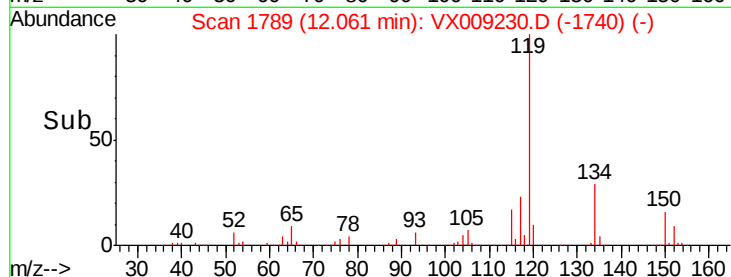
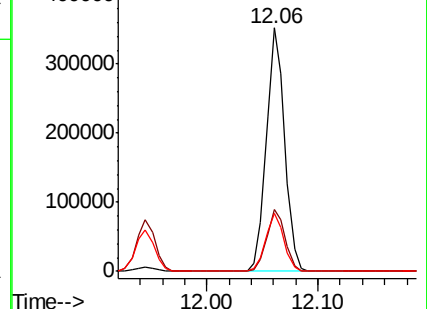
91 23.8 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 47.209 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

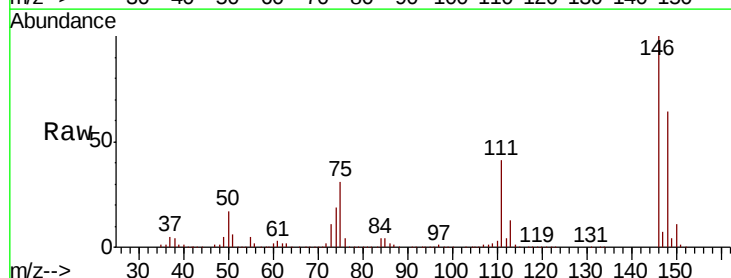
Tgt Ion:146 Resp: 205496

Ion Ratio Lower Upper

146 100

111 40.1 20.0 59.9

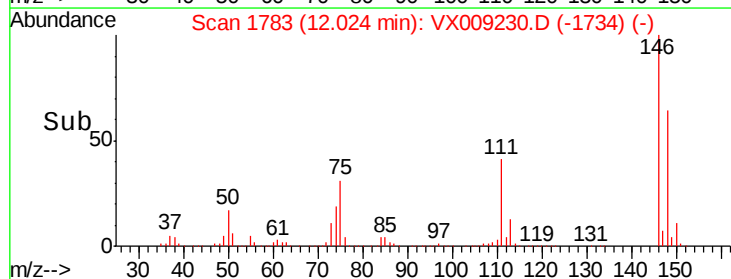
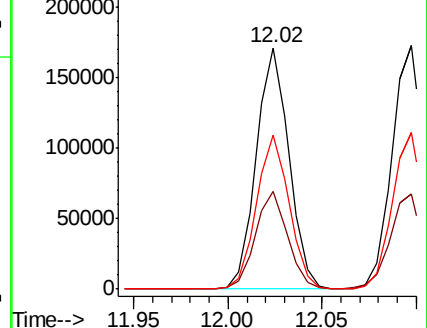
148 63.7 31.8 95.3

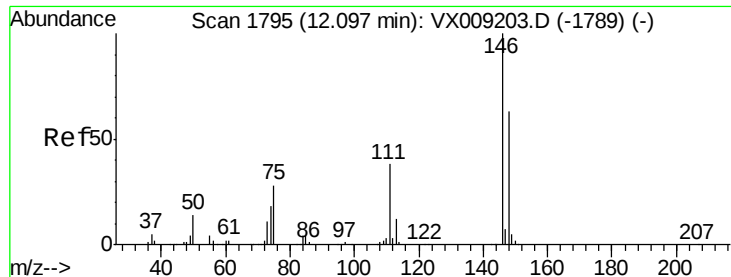


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

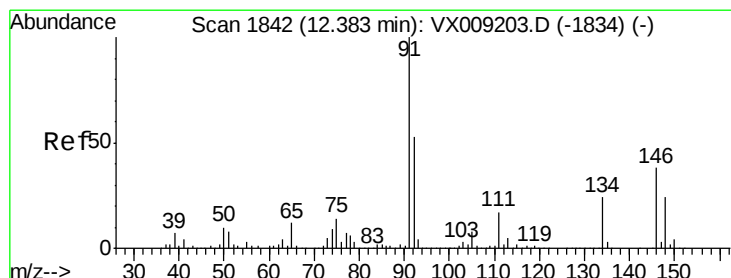
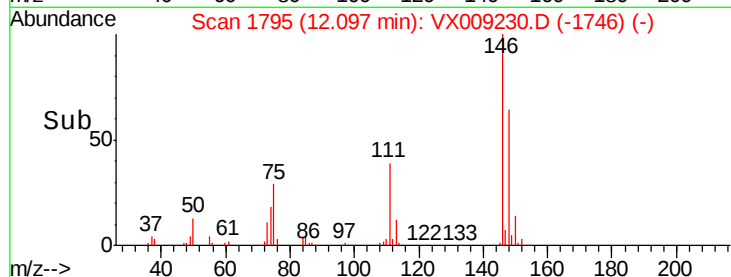
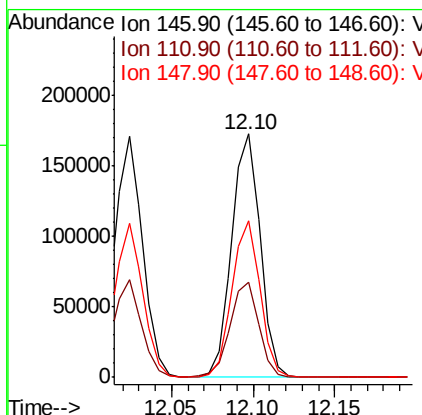
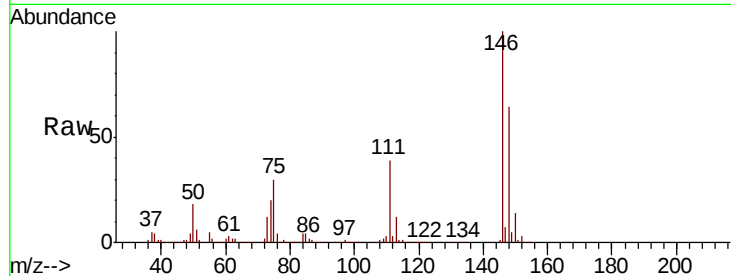




#88
 1,4-Dichlorobenzene
 Concen: 47.680 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009230.D
 Acq: 30 Apr 2019 00:09

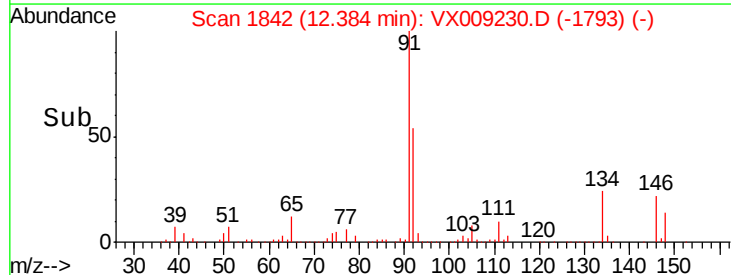
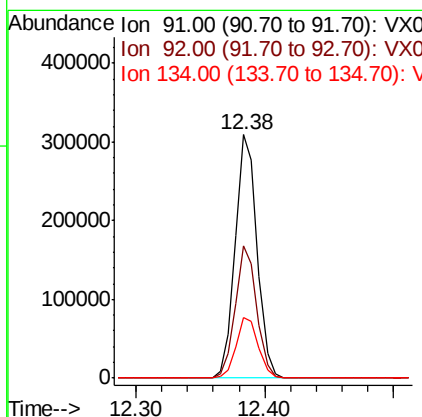
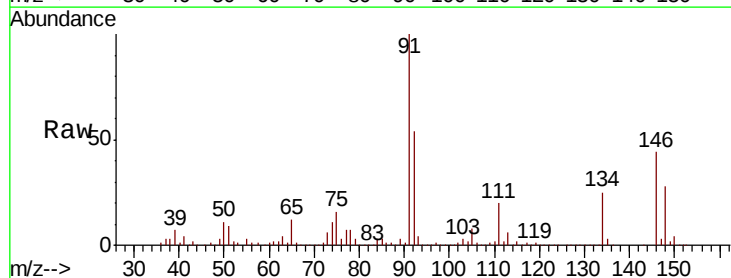
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423MSD

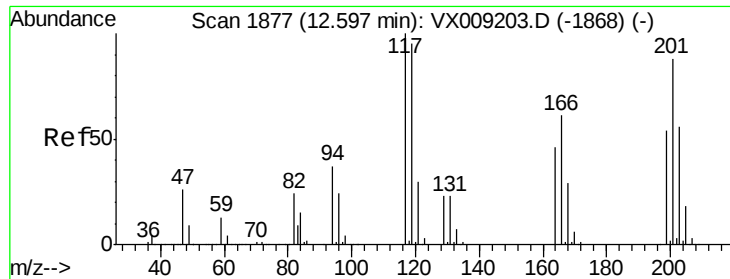
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.8
148	63.6	31.8	95.3



#89
 n-Butylbenzene
 Concen: 47.173 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX009230.D
 Acq: 30 Apr 2019 00:09

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.5	79.5
134	25.1	12.4	37.2





#90

Hexachloroethane

Concen: 48.687 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Instrument :

MSVOA_X

ClientSampleId :

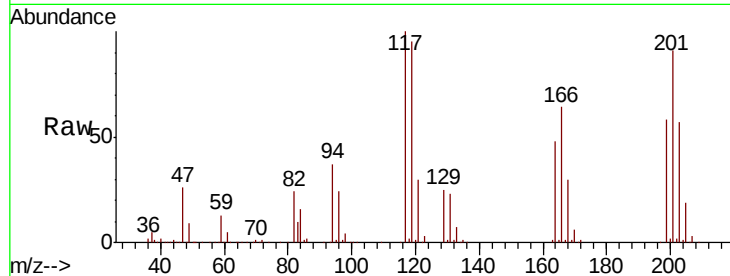
WP021MW038-190423MSD

Tgt Ion:117 Resp: 71239

Ion Ratio Lower Upper

117 100

201 85.6 42.3 126.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.60

60000

50000

40000

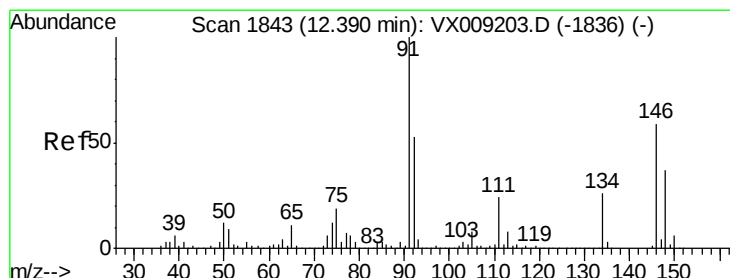
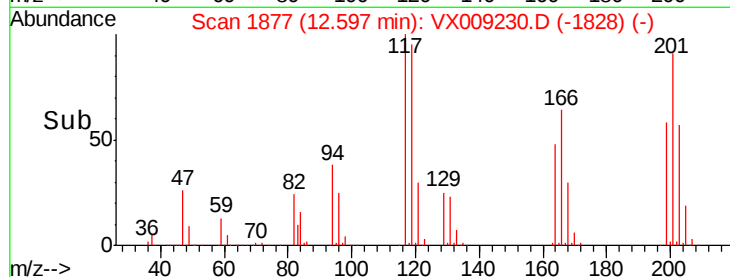
30000

20000

10000

0

Time--> 12.50 12.60 12.70



#91

1,2-Dichlorobenzene

Concen: 47.754 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

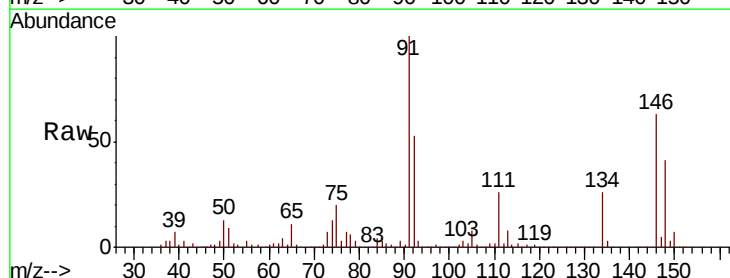
Tgt Ion:146 Resp: 211721

Ion Ratio Lower Upper

146 100

111 41.6 20.8 62.4

148 64.2 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

12.39

200000

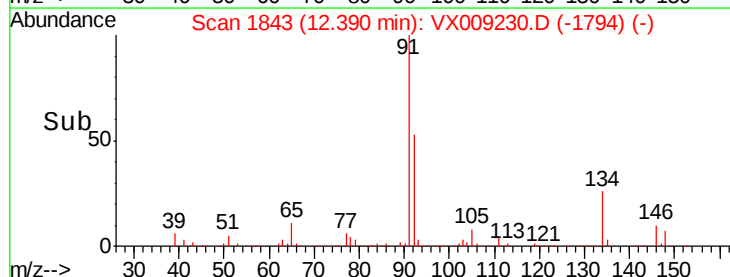
150000

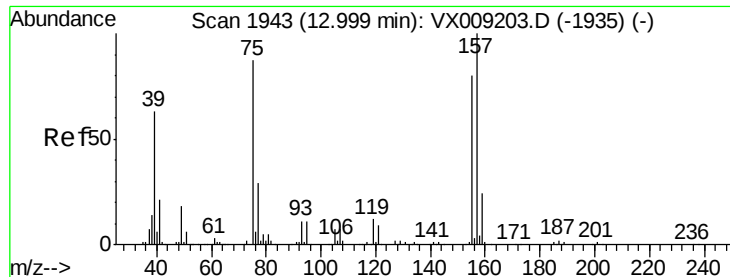
100000

50000

0

Time--> 12.30 12.35 12.40 12.45





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.406 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MSD

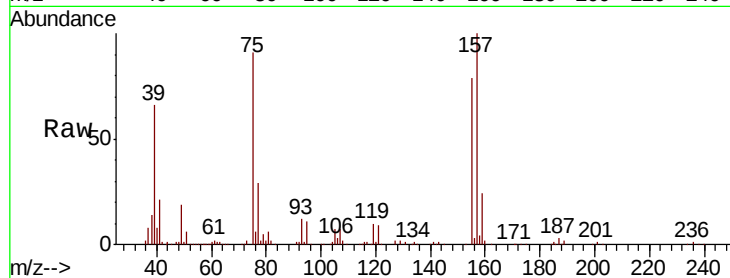
Tgt Ion: 75 Resp: 42292

Ion Ratio Lower Upper

75 100

155 82.4 42.0 126.0

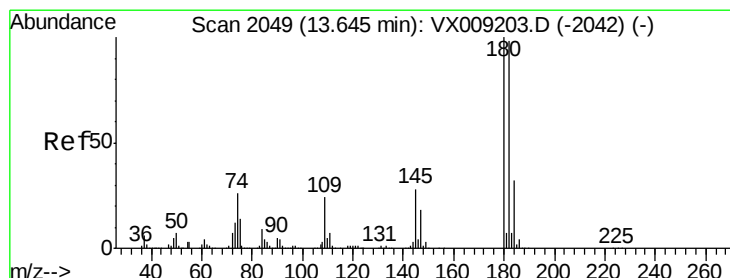
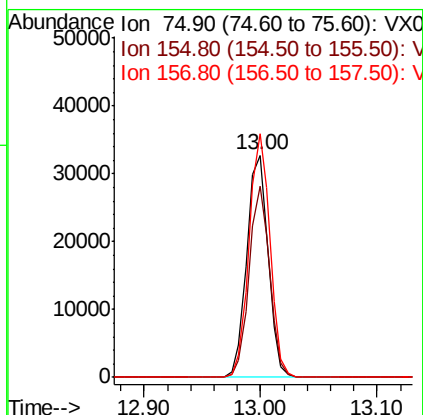
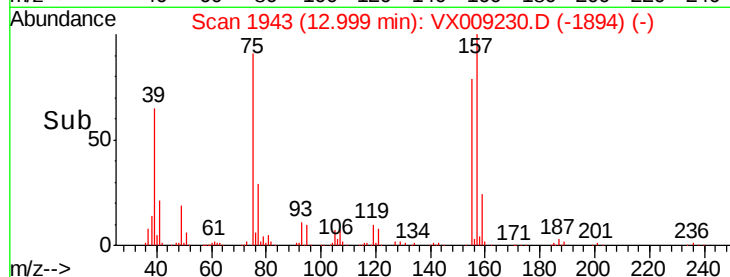
157 106.7 53.2 159.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 49.645 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

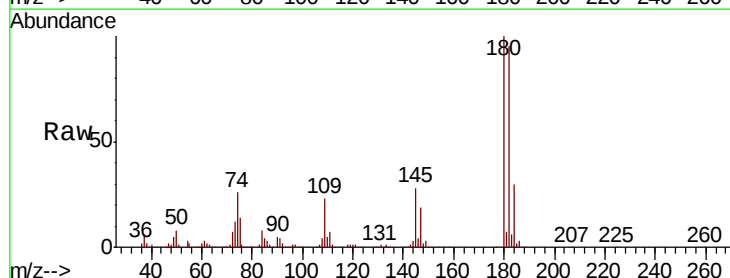
Tgt Ion: 180 Resp: 150518

Ion Ratio Lower Upper

180 100

182 94.7 48.4 145.2

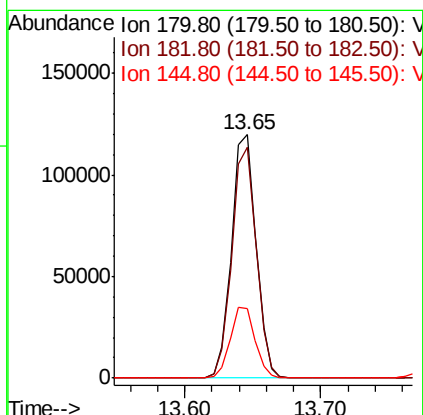
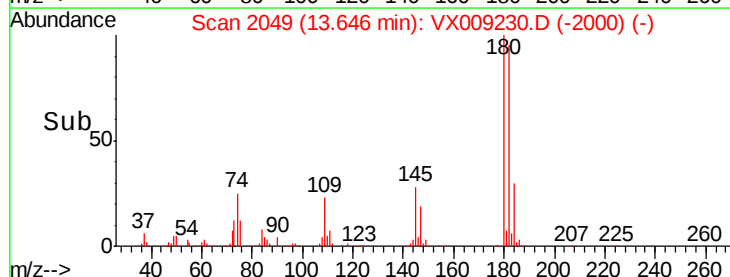
145 29.6 14.6 43.8

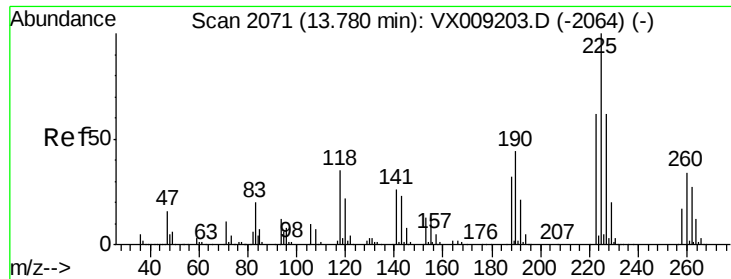


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 46.182 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MSD

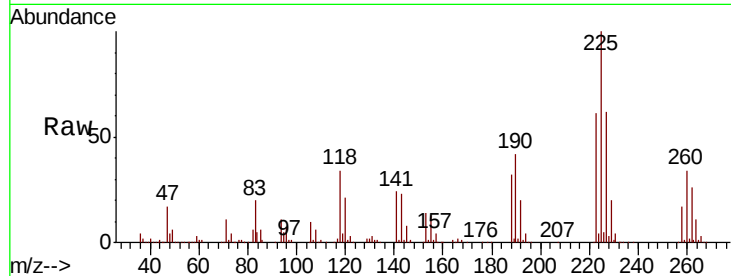
Tgt Ion:225 Resp: 71502

Ion Ratio Lower Upper

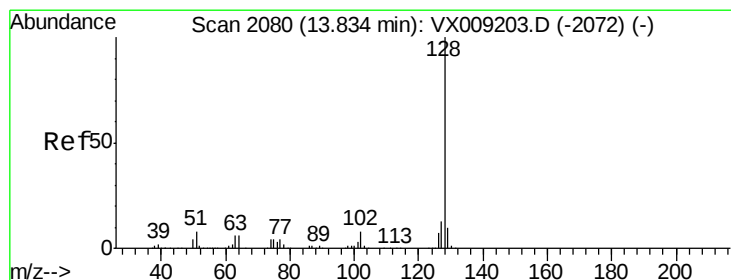
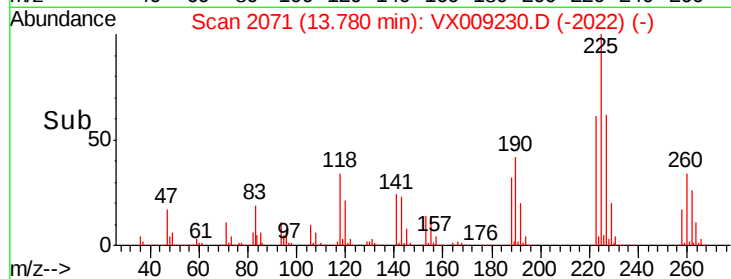
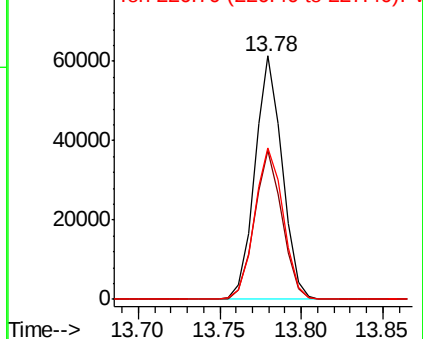
225 100

223 61.7 31.3 93.8

227 64.9 31.8 95.3



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: 51.236 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009230.D

Acq: 30 Apr 2019 00:09

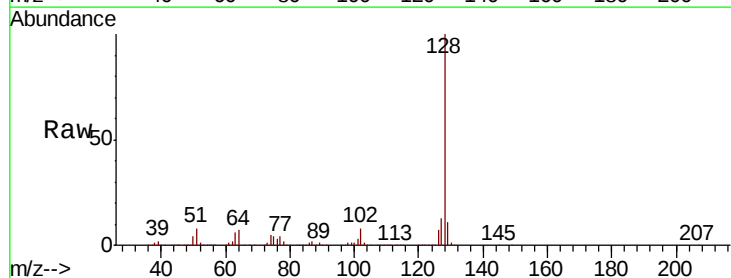
Tgt Ion:128 Resp: 505391

Ion Ratio Lower Upper

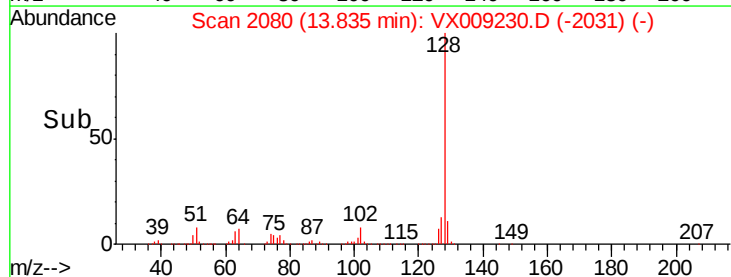
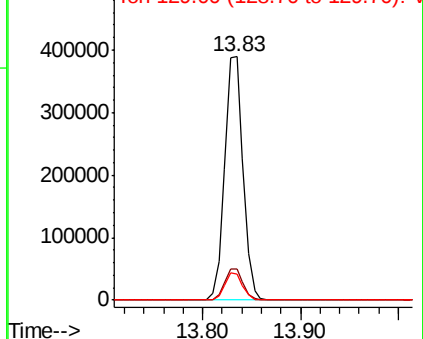
128 100

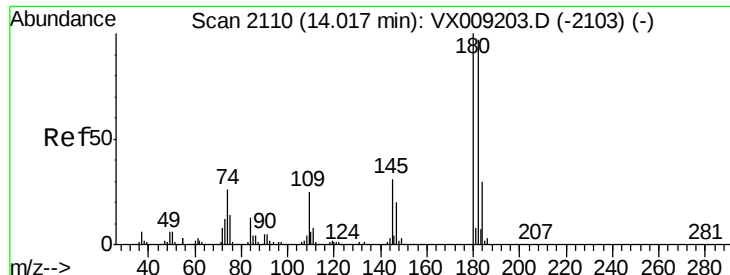
127 12.9 10.4 15.6

129 10.9 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

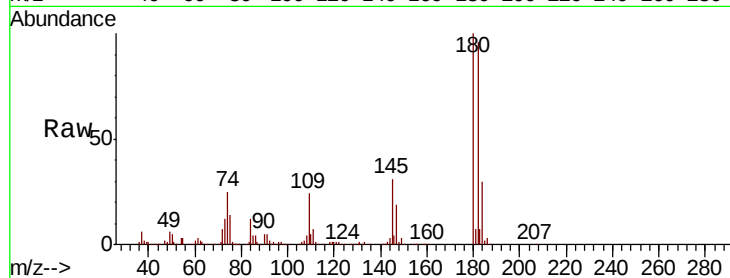




#96
 1,2,3-Trichlorobenzene
 Concen: 49.228 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX009230.D
 Acq: 30 Apr 2019 00:09

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423MSD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	47.8	143.4
145	31.8	15.4	46.4



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

