

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX042919\
 Data File : VX009229.D
 Acq On : 29 Apr 2019 23:46
 Operator : JC/SP
 Sample : K2594-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423MS

Quant Time: Apr 30 07:23:19 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	192648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	322321	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	290024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	141508	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	126103	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
35) Dibromofluoromethane	5.50	113	93318	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	
50) Toluene-d8	8.71	98	380940	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
62) 4-Bromofluorobenzene	11.13	95	138385	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	84354	47.516	ug/l	99
3) Chloromethane	1.32	50	118738	48.990	ug/l	100
4) Vinyl Chloride	1.41	62	121444	51.385	ug/l	99
5) Bromomethane	1.64	94	63738	44.932	ug/l	95
6) Chloroethane	1.71	64	72707	47.915	ug/l	97
7) Trichlorofluoromethane	1.92	101	139763	48.649	ug/l	98
8) Diethyl Ether	2.18	74	65373	48.039	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	85438	47.358	ug/l	99
10) Methyl Iodide	2.51	142	98710	47.359	ug/l	99
11) Tert butyl alcohol	3.05	59	141028	231.668	ug/l	100
12) 1,1-Dichloroethene	2.37	96	90125	49.859	ug/l	98
13) Acrolein	2.29	56	124036	224.986	ug/l	99
14) Allyl chloride	2.73	41	208290	47.284	ug/l	100
15) Acrylonitrile	3.14	53	370967	249.232	ug/l	100
16) Acetone	2.45	43	308671	218.584	ug/l	99
17) Carbon Disulfide	2.57	76	252318	49.718	ug/l	100
18) Methyl Acetate	2.78	43	158404	47.167	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	346784	49.404	ug/l	98
20) Methylene Chloride	2.85	84	108196	47.320	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	96129	49.037	ug/l	99
22) Diisopropyl ether	3.85	45	423450	49.985	ug/l	99
23) Vinyl Acetate	3.81	43	1819999	250.886	ug/l	99
24) 1,1-Dichloroethane	3.70	63	205461	49.164	ug/l	99
25) 2-Butanone	4.67	43	539907	246.036	ug/l	99
26) 2,2-Dichloropropane	4.58	77	120902	38.867	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	120794	51.624	ug/l	98
28) Bromochloromethane	5.01	49	85080	50.607	ug/l	99
29) Tetrahydrofuran	5.13	42	360132	255.033	ug/l	99
30) Chloroform	5.21	83	185718	49.135	ug/l	99
31) Cyclohexane	5.58	56	191167	49.167	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	152474	48.459	ug/l	100
36) 1,1-Dichloropropene	5.80	75	140217	46.811	ug/l	100
37) Ethyl Acetate	4.83	43	200095	47.945	ug/l	99
38) Carbon Tetrachloride	5.79	117	125860	46.247	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	167799	45.615	ug/l	98
40) Benzene	6.14	78	441456	47.621	ug/l	99
41) Methacrylonitrile	5.04	41	118582	47.732	ug/l	100
42) 1,2-Dichloroethane	6.20	62	158103	47.545	ug/l	99
43) Isopropyl Acetate	6.45	43	320168	47.961	ug/l	100
44) Trichloroethene	7.21	130	103068	45.990	ug/l	98
45) 1,2-Dichloropropane	7.51	63	125339	47.749	ug/l	99
46) Dibromomethane	7.66	93	70803	46.449	ug/l	98
47) Bromodichloromethane	7.90	83	144709	47.592	ug/l	99
48) Methyl methacrylate	7.77	41	162377	49.028	ug/l	99
49) 1,4-Dioxane	7.74	88	55392	824.705	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1070461	245.331	ug/l	99
52) Toluene	8.79	92	267530	47.476	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	161535	47.055	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	179261	47.178	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	109443	47.606	ug/l	96
56) Ethyl methacrylate	9.18	69	201322	49.058	ug/l	100
57) 1,3-Dichloropropane	9.37	76	192460	47.573	ug/l	99
59) 2-Hexanone	9.49	43	842595	245.876	ug/l	99
60) Dibromochloromethane	9.58	129	108729	48.424	ug/l	99
61) 1,2-Dibromoethane	9.67	107	111626	48.101	ug/l	100
64) Tetrachloroethene	9.34	164	90553	45.517	ug/l	99
65) Chlorobenzene	10.14	112	286498	49.381	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	101552	48.280	ug/l	99
67) Ethyl Benzene	10.25	91	509348	47.703	ug/l	100
68) m/p-Xylenes	10.36	106	372041	95.349	ug/l	98
69) o-Xylene	10.69	106	184087	47.817	ug/l	99
70) Styrene	10.71	104	322701	48.227	ug/l	99
71) Bromoform	10.85	173	82046	47.999	ug/l #	100
73) Isopropylbenzene	11.02	105	488146	47.438	ug/l	99
74) N-amyl acetate	10.90	43	291647	48.613	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	186501	48.618	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	211105	64.313	ug/l	82
77) Bromobenzene	11.26	156	120444	47.157	ug/l	100
78) n-propylbenzene	11.36	91	560363	47.682	ug/l	99
79) 2-Chlorotoluene	11.42	91	335960	46.337	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	410669	47.397	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	57349	44.703	ug/l	97
82) 4-Chlorotoluene	11.51	91	385967	47.121	ug/l	99
83) tert-Butylbenzene	11.77	119	399137	47.354	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	417480	48.003	ug/l	99
85) sec-Butylbenzene	11.94	105	472071	47.241	ug/l	100
86) p-Isopropyltoluene	12.06	119	427398	47.576	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	213502	46.891	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	214414	46.709	ug/l	99
89) n-Butylbenzene	12.38	91	386931	47.654	ug/l	100
90) Hexachloroethane	12.59	117	72987	47.688	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	219971	47.432	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	42556	49.453	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	153031	48.255	ug/l	98

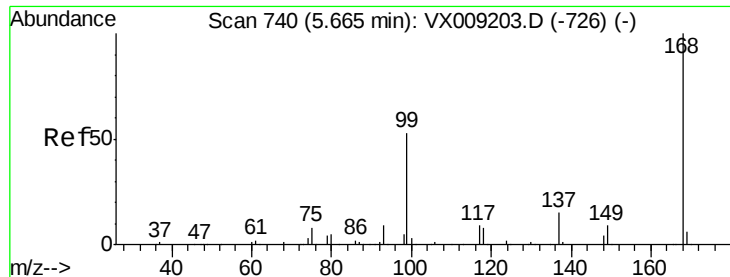
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX042919\
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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	74062	45.732	ug/l	99
95) Naphthalene	13.83	128	506950	49.134	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	154130	47.946	ug/l	99

(#) = 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: VX009229.D

Acq: 29 Apr 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

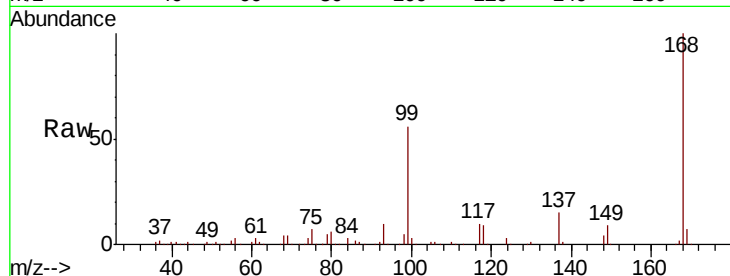
WP021MW038-190423MS

Tgt Ion:168 Resp: 192648

Ion Ratio Lower Upper

168 100

99 56.3 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

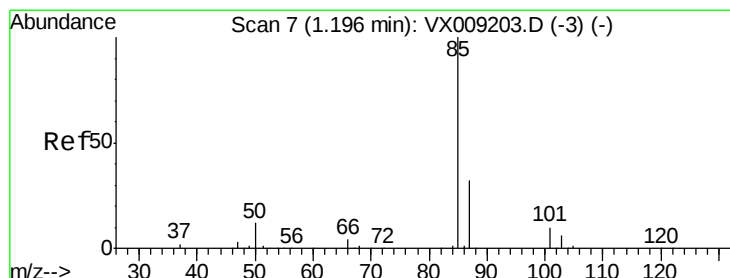
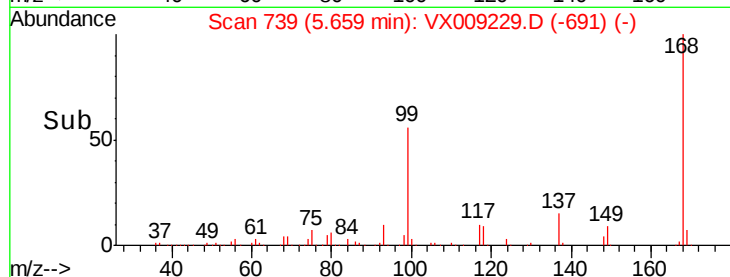
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.516 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009229.D

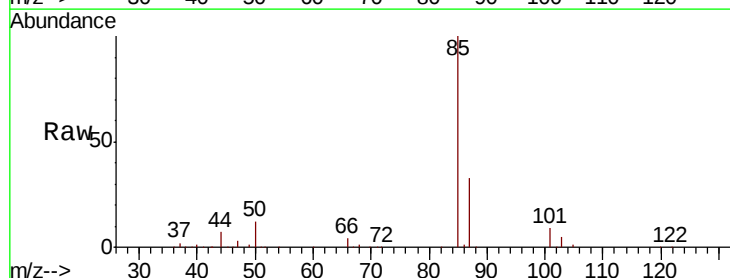
Acq: 29 Apr 2019 23:46

Tgt Ion: 85 Resp: 84354

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

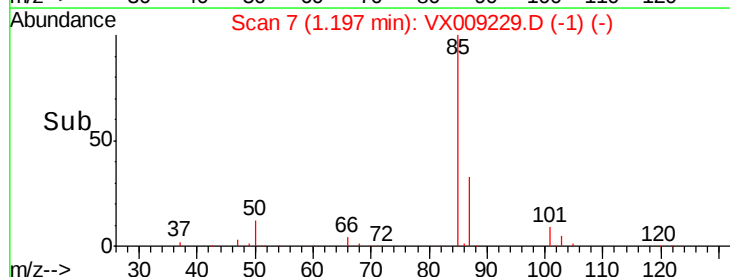
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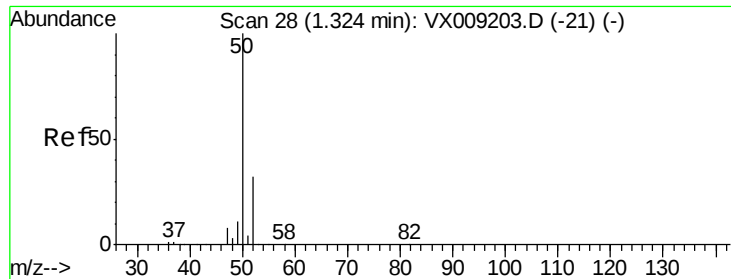
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1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 48.990 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

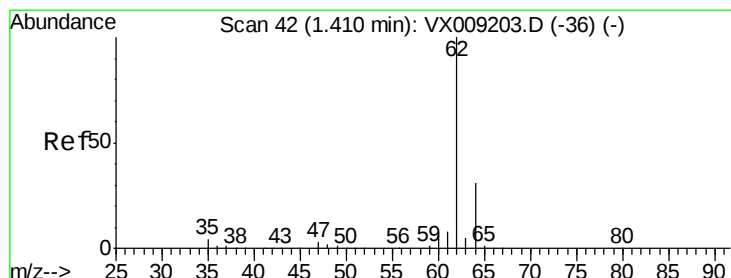
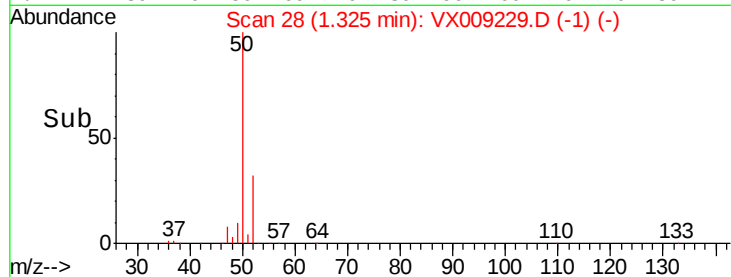
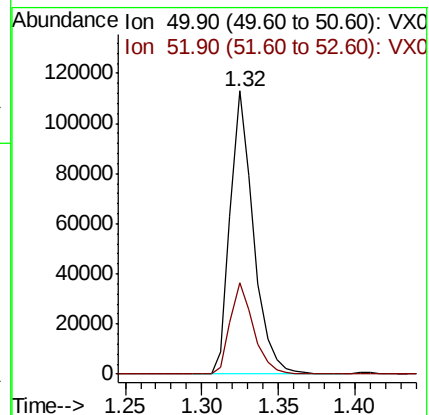
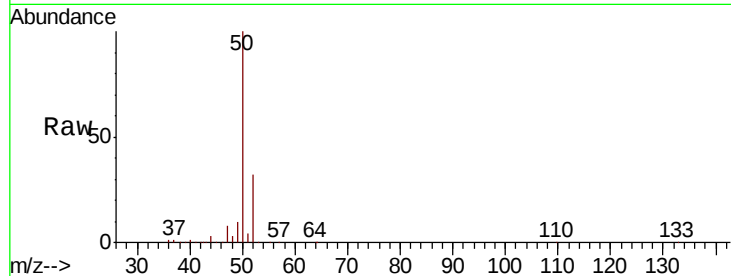
WP021MW038-190423MS

Tgt Ion: 50 Resp: 118738

Ion Ratio Lower Upper

50 100

52 32.2 25.9 38.9



#4

Vinyl Chloride

Concen: 51.385 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009229.D

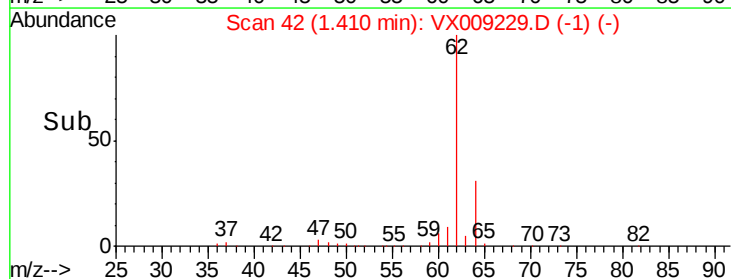
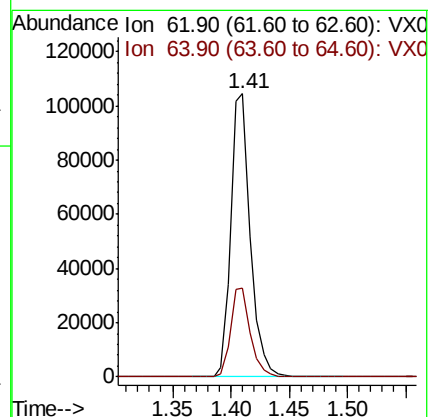
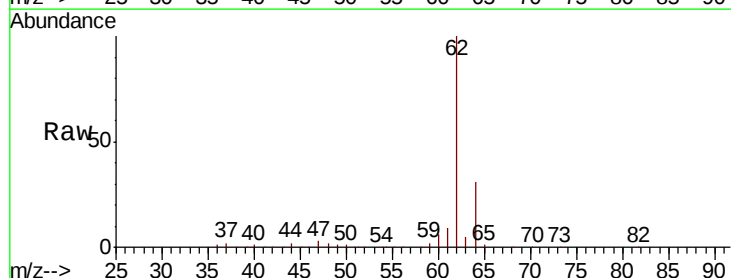
Acq: 29 Apr 2019 23:46

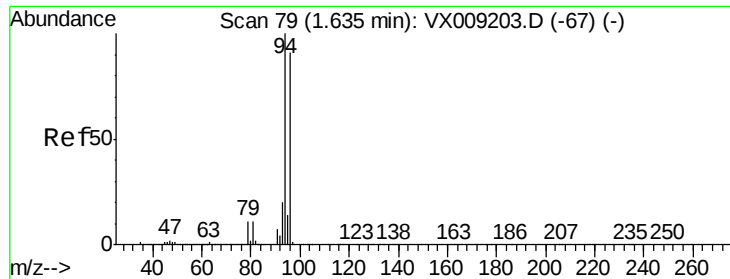
Tgt Ion: 62 Resp: 121444

Ion Ratio Lower Upper

62 100

64 31.3 24.6 36.8





#5

Bromomethane

Concen: 44.932 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

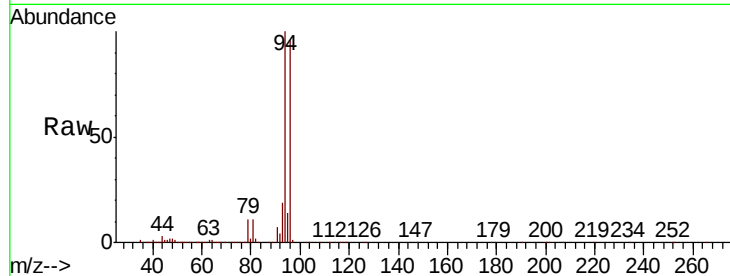
WP021MW038-190423MS

Tgt Ion: 94 Resp: 63738

Ion Ratio Lower Upper

94 100

96 96.4 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

60000

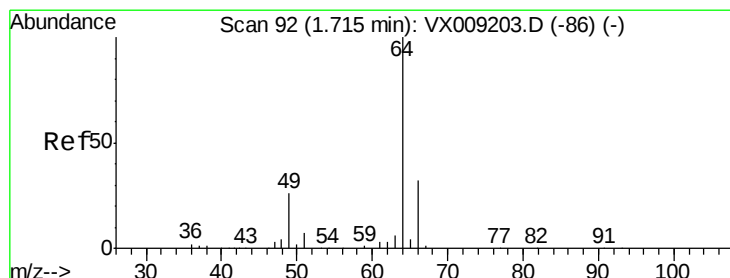
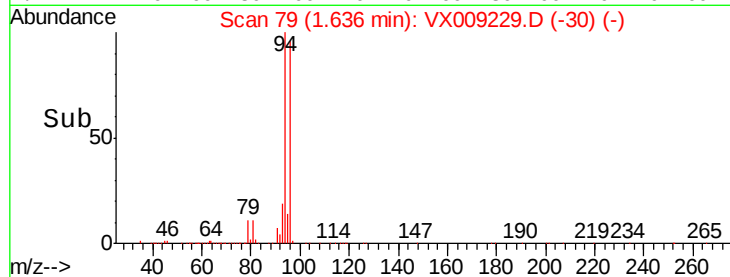
40000

20000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 47.915 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009229.D

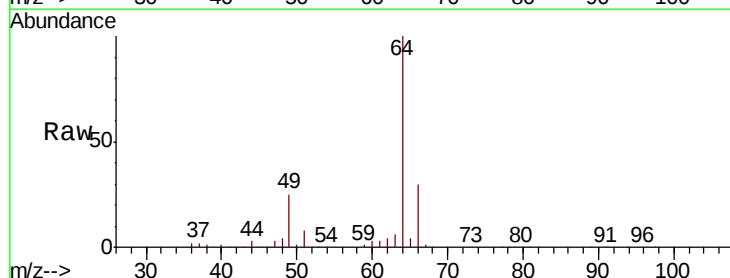
Acq: 29 Apr 2019 23:46

Tgt Ion: 64 Resp: 72707

Ion Ratio Lower Upper

64 100

66 30.2 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

60000

50000

40000

30000

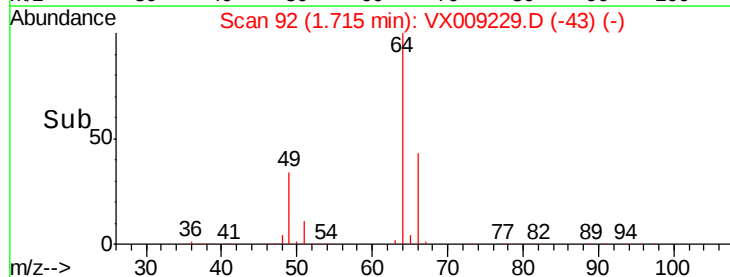
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10000

0

1.70 1.80

Time-->



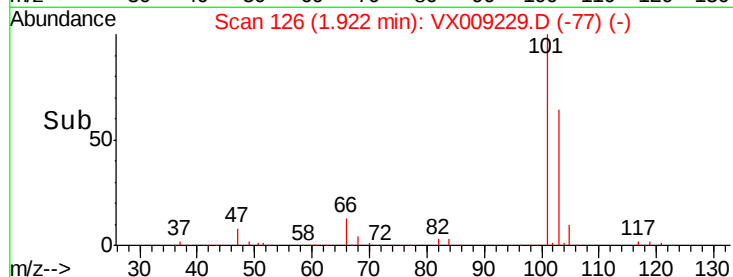
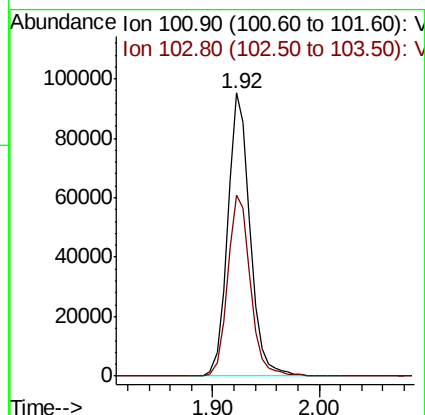
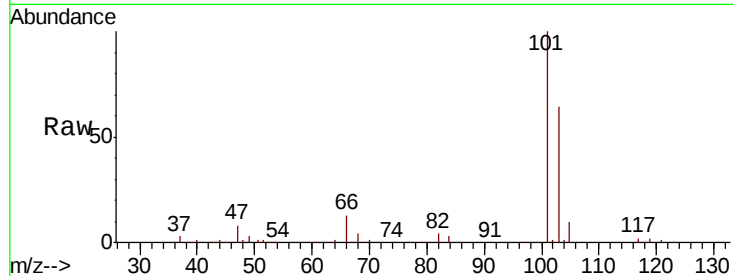


#7

Trichlorofluoromethane
 Concen: 48.649 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

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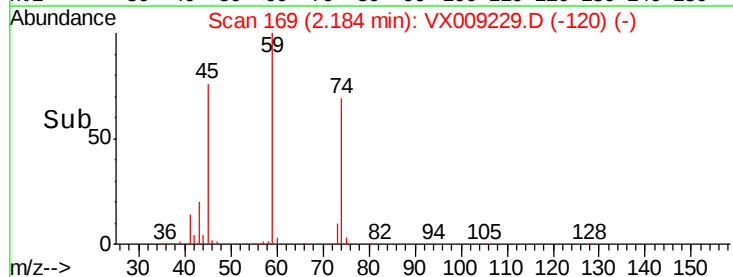
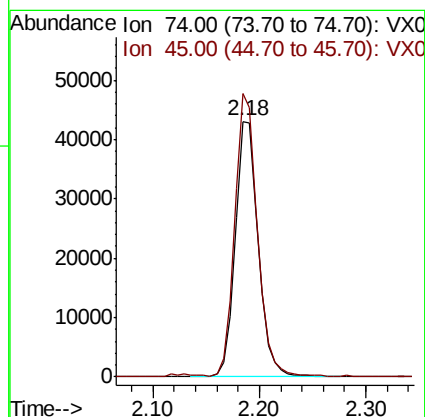
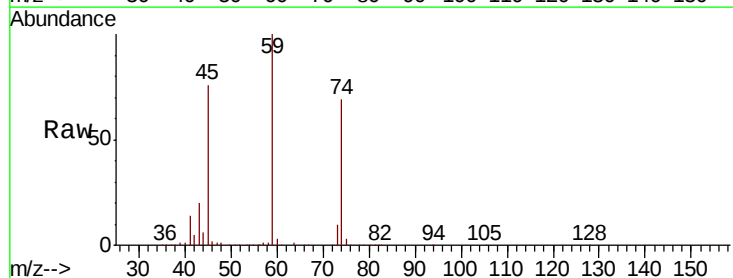
Tgt Ion: 101 Resp: 139763
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.4 78.6

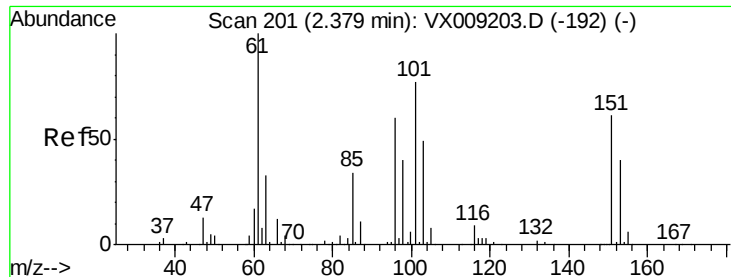


#8

Diethyl Ether
 Concen: 48.039 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

Tgt Ion: 74 Resp: 65373
 Ion Ratio Lower Upper
 74 100
 45 108.7 53.3 159.9

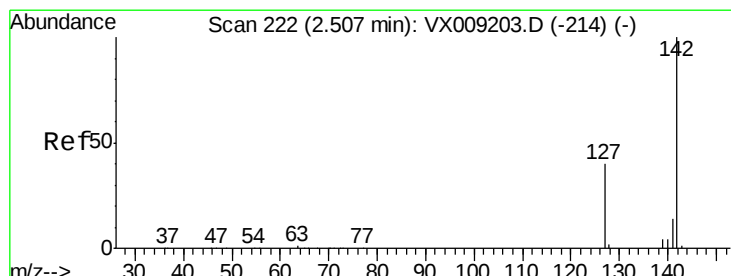
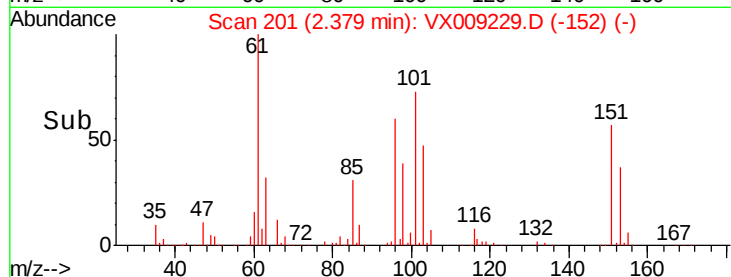
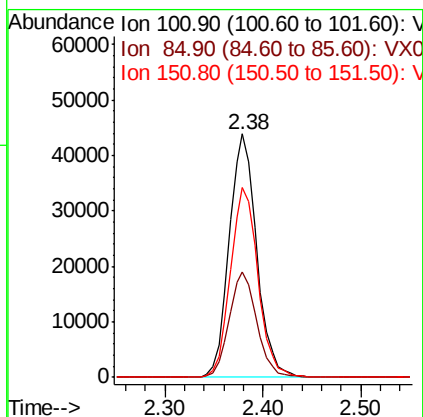
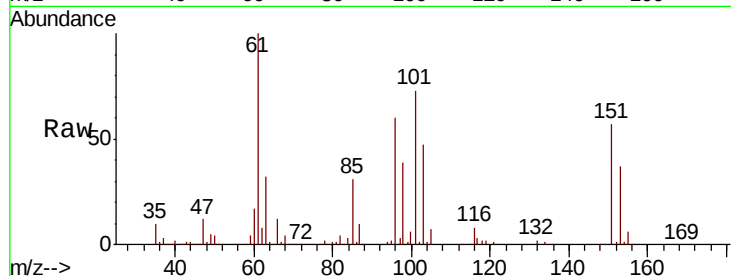




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.358 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

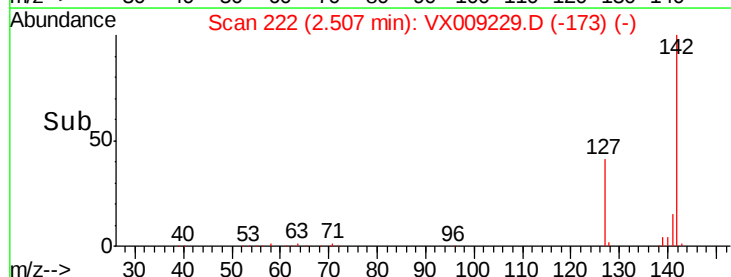
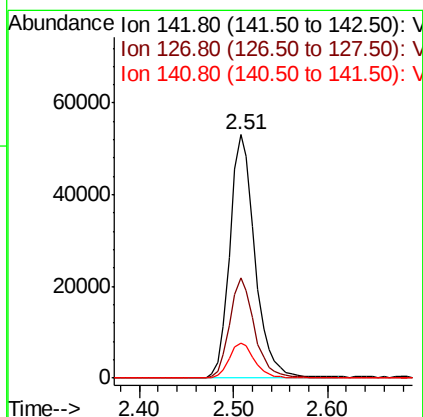
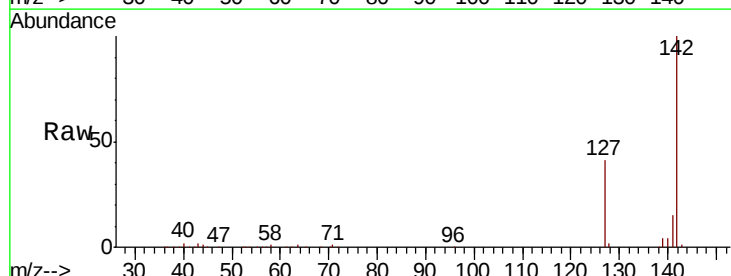
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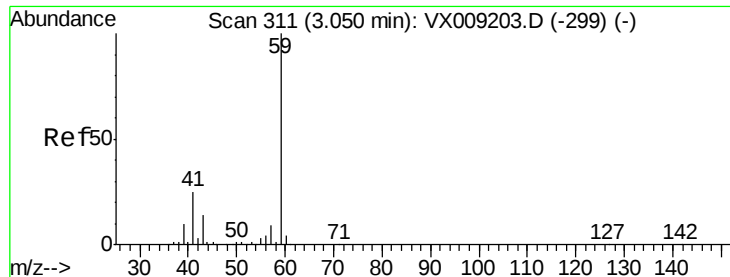
Tgt Ion:101 Resp: 85438
 Ion Ratio Lower Upper
 101 100
 85 43.5 35.7 53.5
 151 78.1 62.2 93.2



#10
 Methyl Iodide
 Concen: 47.359 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

Tgt Ion:142 Resp: 98710
 Ion Ratio Lower Upper
 142 100
 127 40.5 32.7 49.1
 141 14.7 11.5 17.3

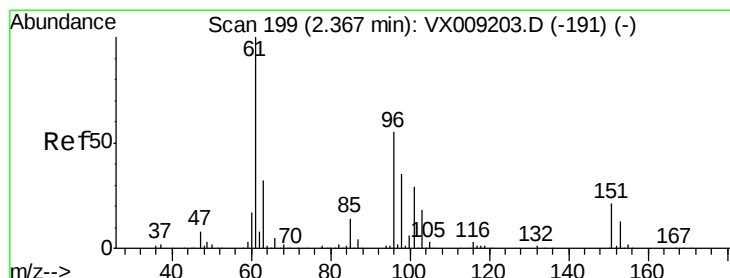
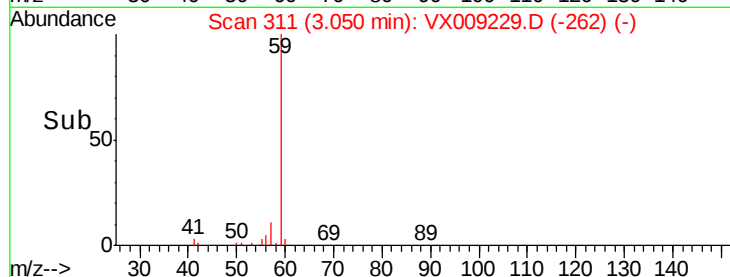
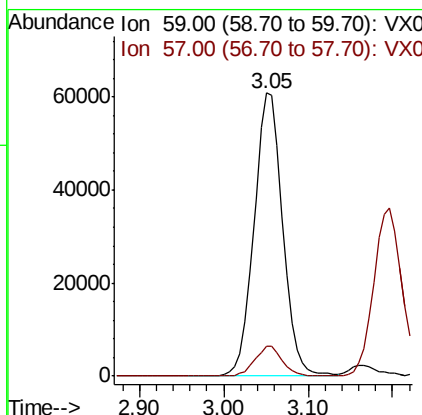
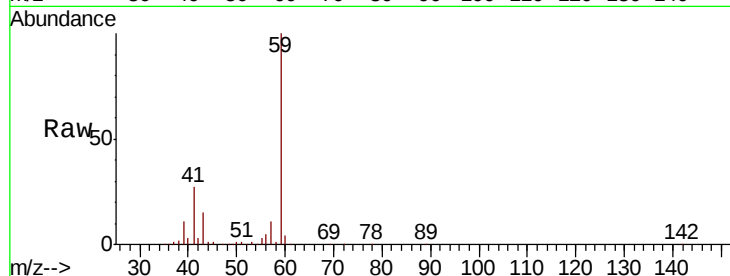




#11
Tert butyl alcohol
Concen: 231.668 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009229.D
Acq: 29 Apr 2019 23:46

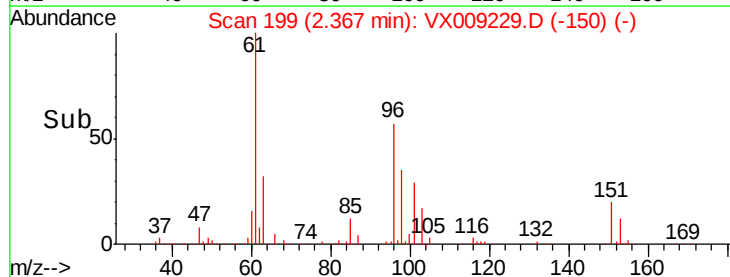
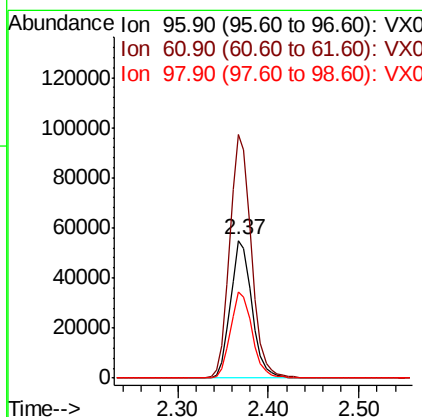
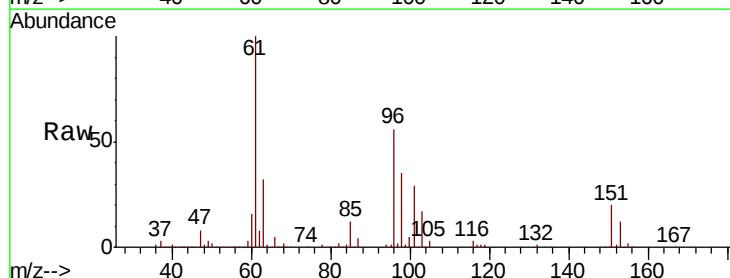
Instrument :
MSVOA_X
ClientSampleId :
WP021MW038-190423MS

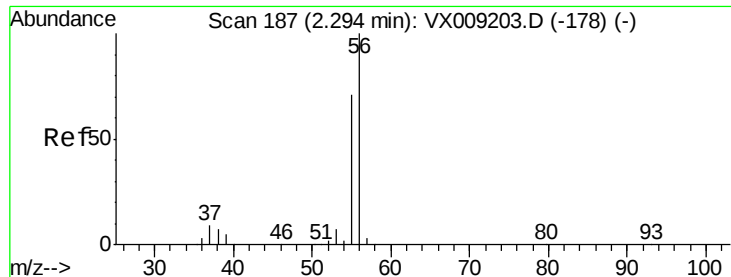
Tgt Ion: 59 Resp: 141028
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 49.859 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX009229.D
Acq: 29 Apr 2019 23:46

Tgt Ion: 96 Resp: 90125
Ion Ratio Lower Upper
96 100
61 177.0 144.3 216.5
98 62.4 50.3 75.5





#13

Acrolein

Concen: 224.986 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

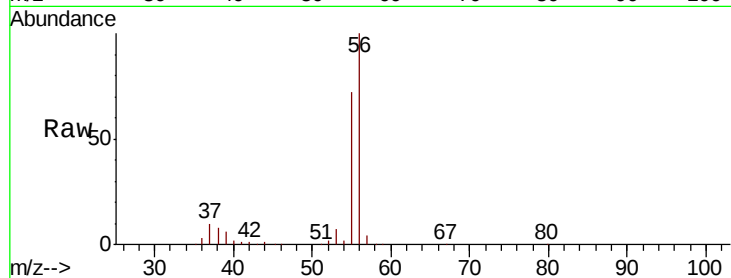
WP021MW038-190423MS

Tgt Ion: 56 Resp: 124036

Ion Ratio Lower Upper

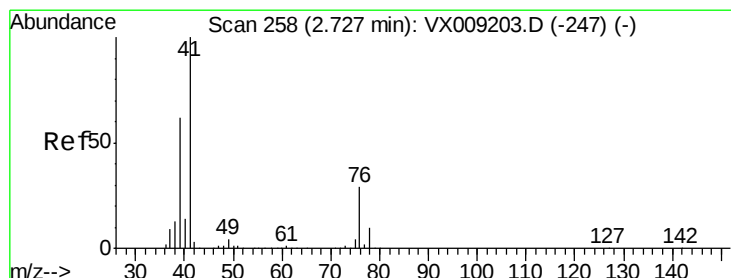
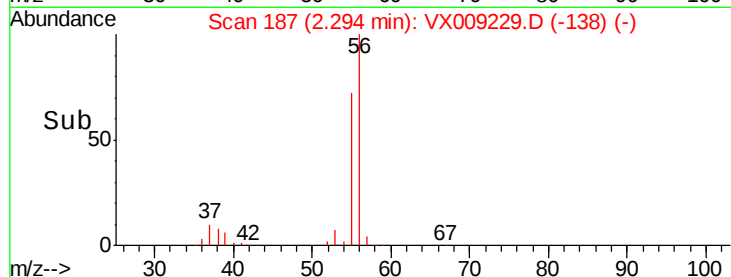
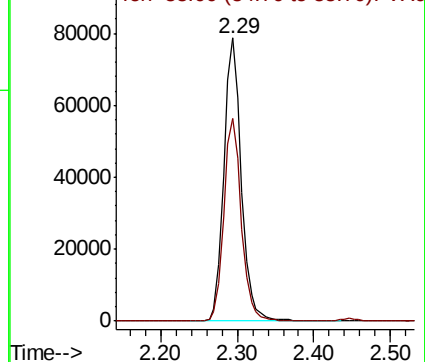
56 100

55 71.5 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.284 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

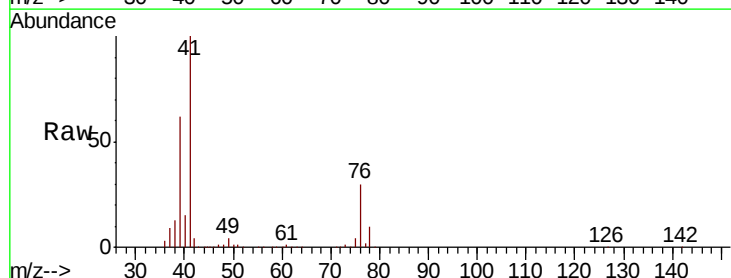
Tgt Ion: 41 Resp: 208290

Ion Ratio Lower Upper

41 100

39 58.4 46.7 70.1

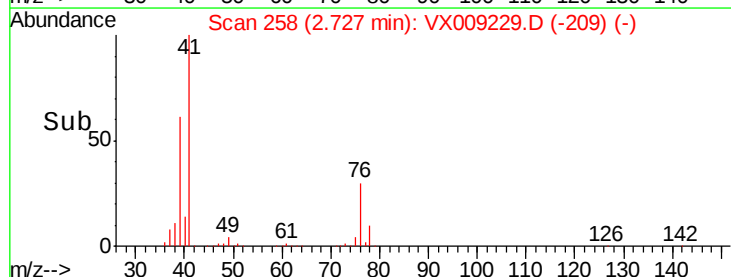
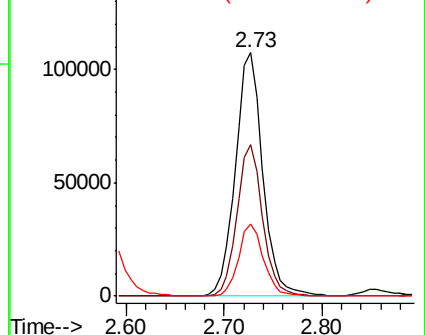
76 27.5 21.8 32.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 249.232 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MS

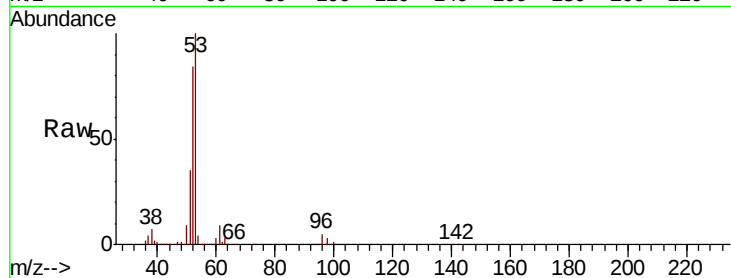
Tgt Ion: 53 Resp: 370967

Ion Ratio Lower Upper

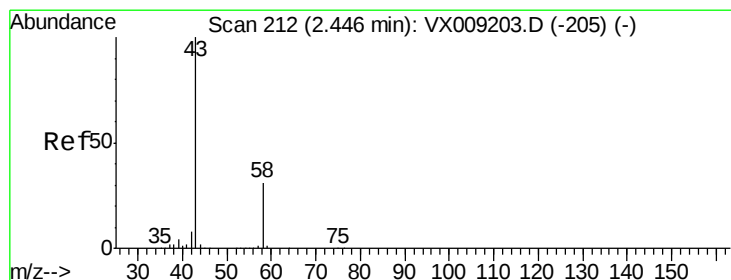
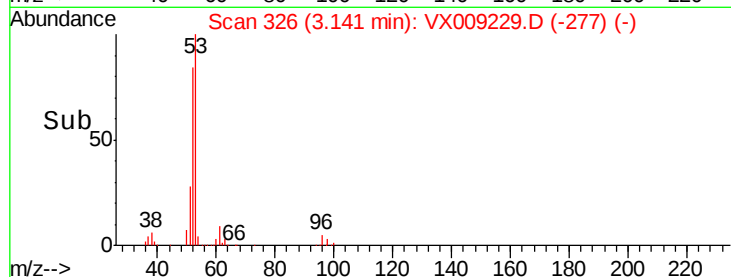
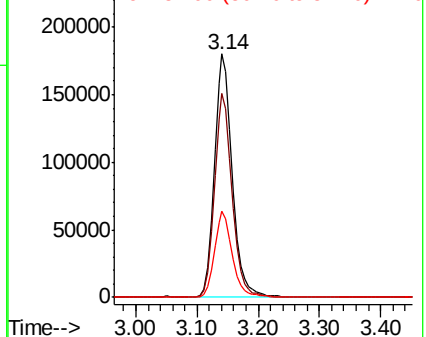
53 100

52 83.3 66.9 100.3

51 35.4 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 218.584 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009229.D

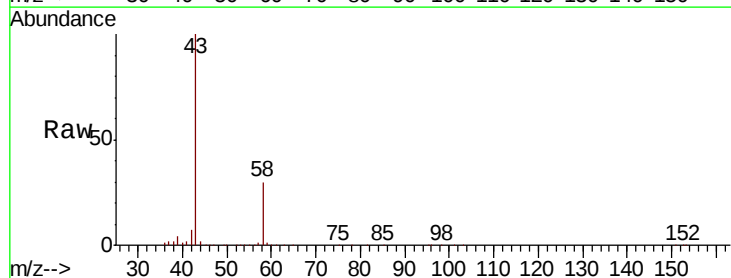
Acq: 29 Apr 2019 23:46

Tgt Ion: 43 Resp: 308671

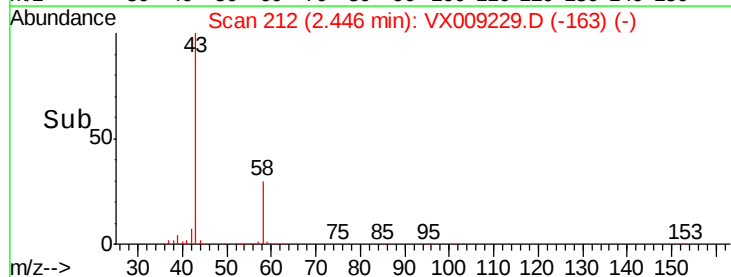
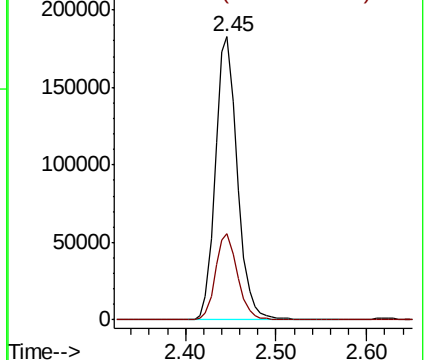
Ion Ratio Lower Upper

43 100

58 30.3 24.9 37.3



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

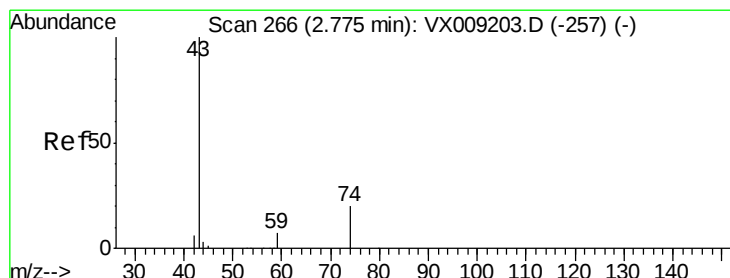
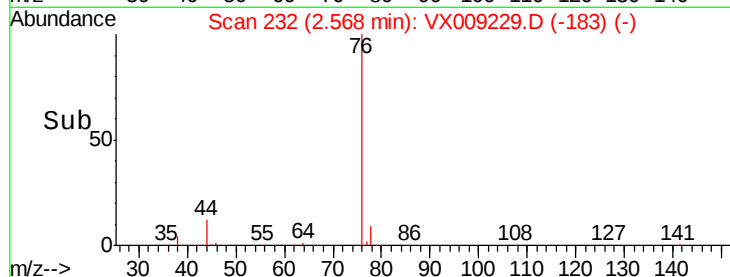
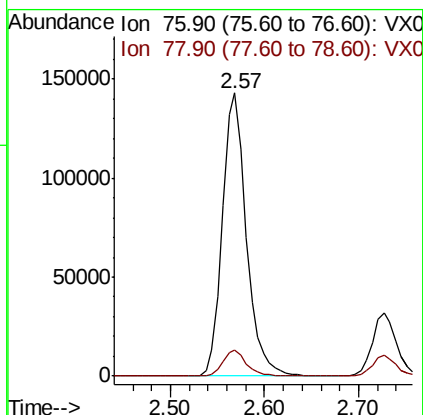
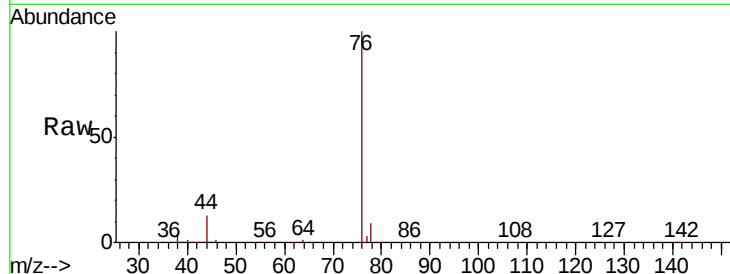




#17
Carbon Disulfide
Concen: 49.718 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009229.D
Acq: 29 Apr 2019 23:46

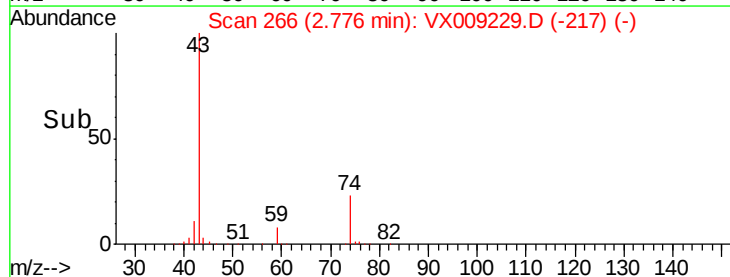
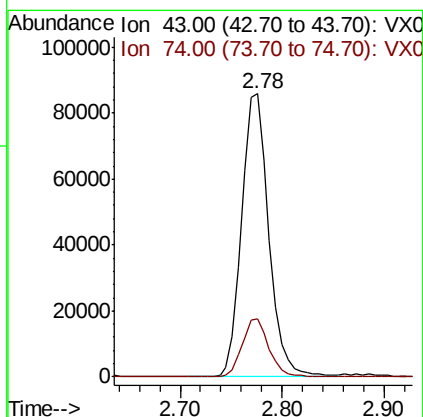
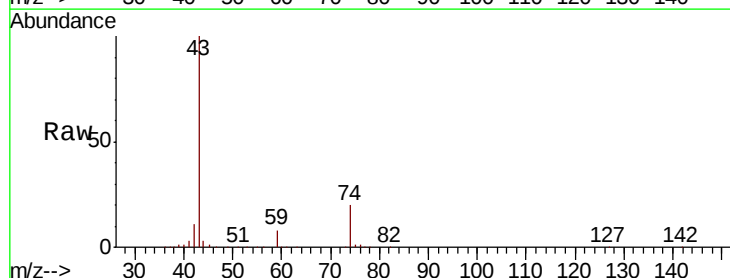
Instrument :
MSVOA_X
ClientSampleId :
WP021MW038-190423MS

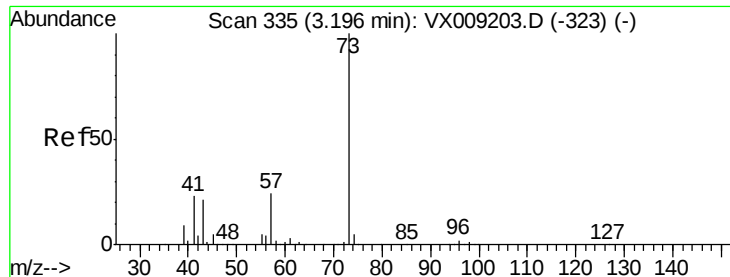
Tgt Ion: 76 Resp: 252318
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 47.167 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009229.D
Acq: 29 Apr 2019 23:46

Tgt Ion: 43 Resp: 158404
Ion Ratio Lower Upper
43 100
74 20.5 16.2 24.4

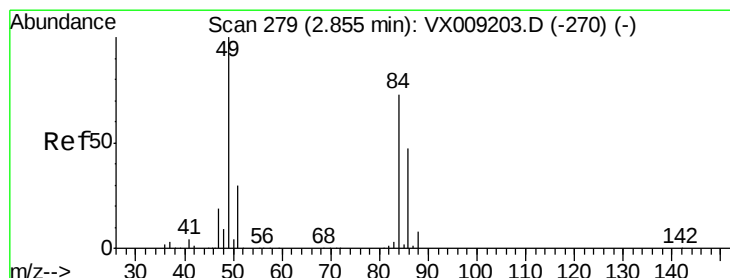
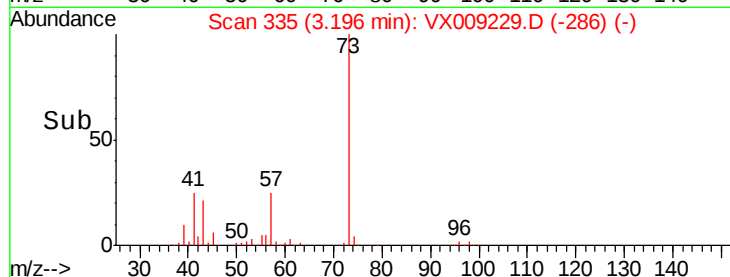
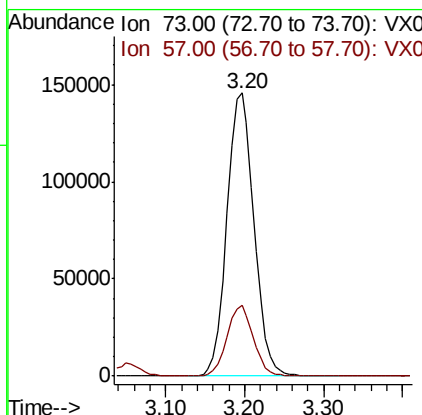
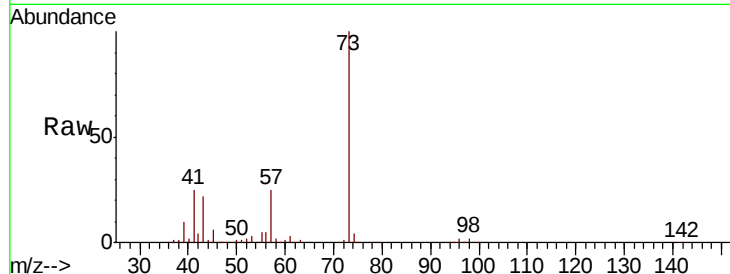




#19
Methyl tert-butyl Ether
Concen: 49.404 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009229.D
Acq: 29 Apr 2019 23:46

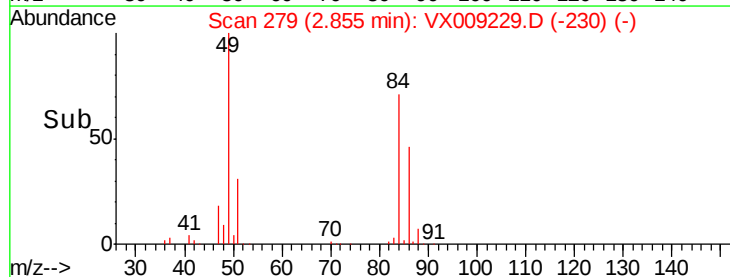
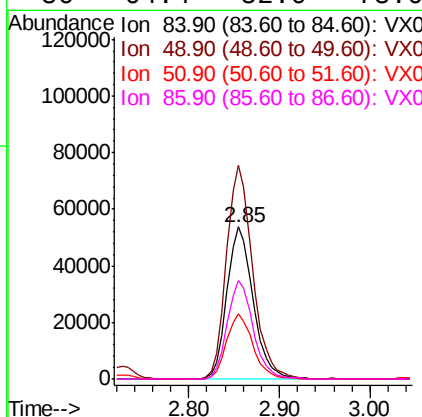
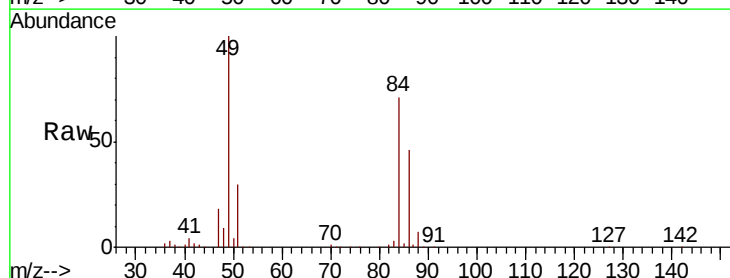
Instrument :
MSVOA_X
ClientSampleId :
WP021MW038-190423MS

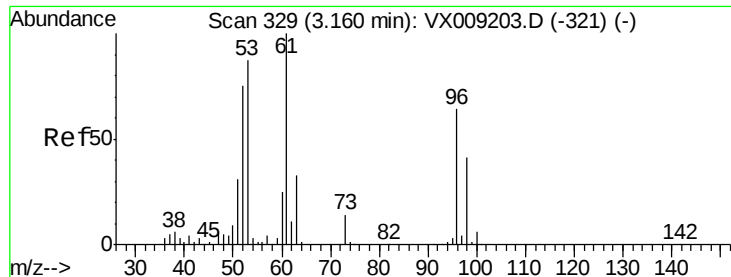
Tgt Ion: 73 Resp: 346784
Ion Ratio Lower Upper
73 100
57 24.8 19.3 28.9



#20
Methylene Chloride
Concen: 47.320 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009229.D
Acq: 29 Apr 2019 23:46

Tgt Ion: 84 Resp: 108196
Ion Ratio Lower Upper
84 100
49 140.0 109.9 164.9
51 42.7 32.7 49.1
86 64.4 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 49.037 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MS

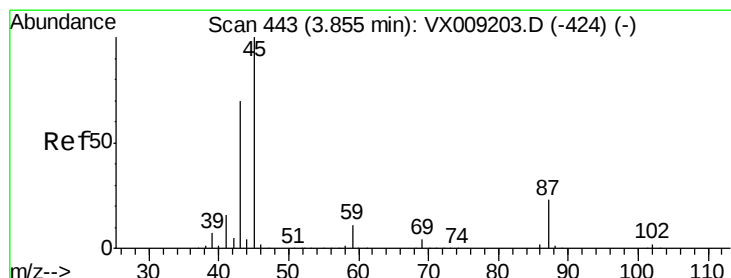
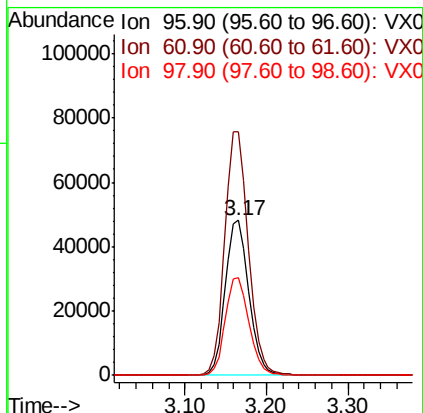
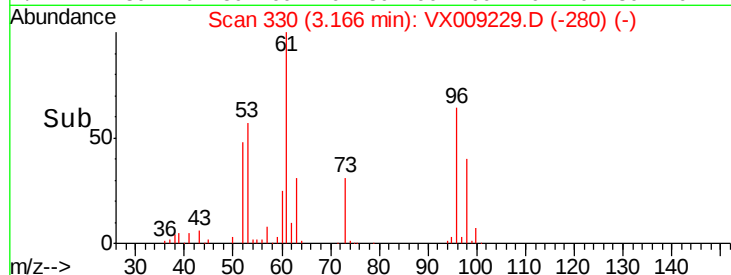
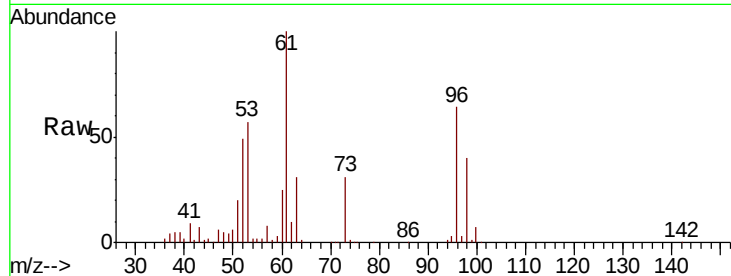
Tgt Ion: 96 Resp: 96129

Ion Ratio Lower Upper

96 100

61 157.0 124.5 186.7

98 63.4 50.4 75.6



#22

Diisopropyl ether

Concen: 49.985 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

Tgt Ion: 45 Resp: 423450

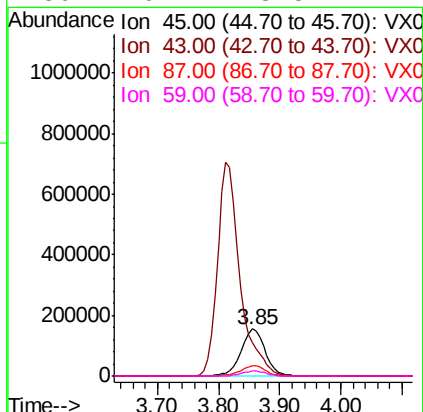
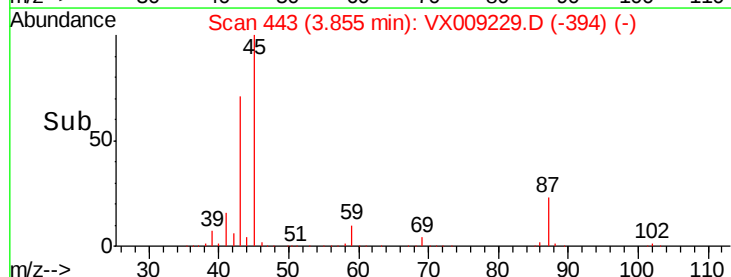
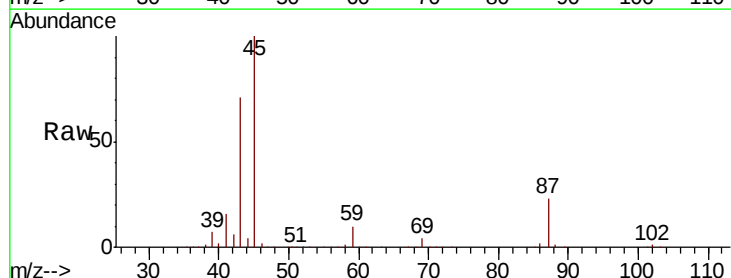
Ion Ratio Lower Upper

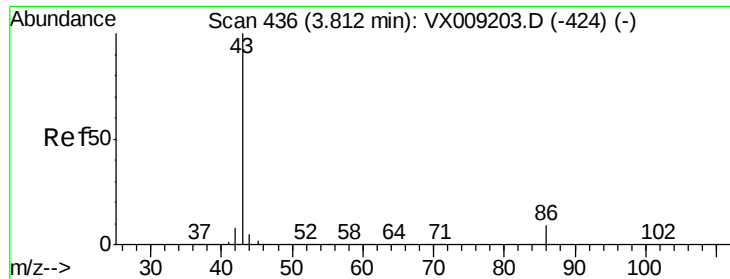
45 100

43 70.9 56.1 84.1

87 22.5 18.1 27.1

59 10.4 8.5 12.7

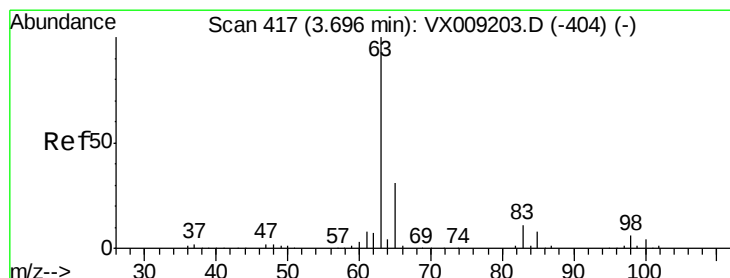
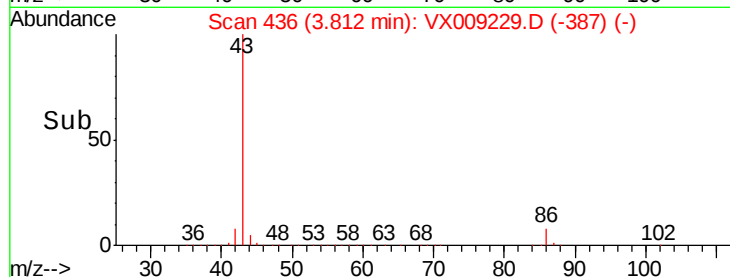
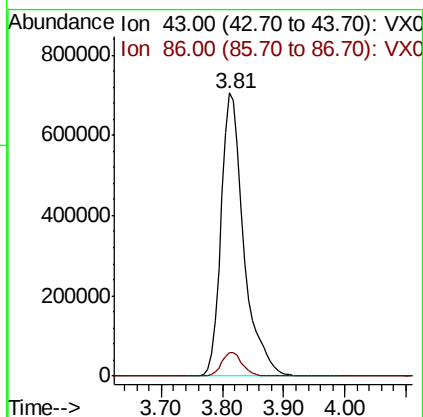
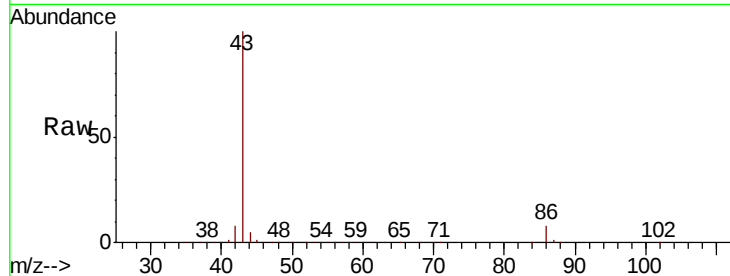




#23
 Vinyl Acetate
 Concen: 250.886 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

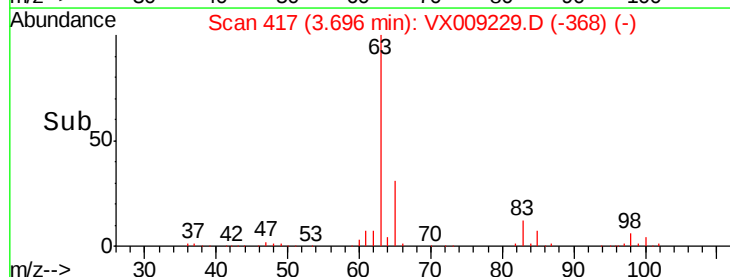
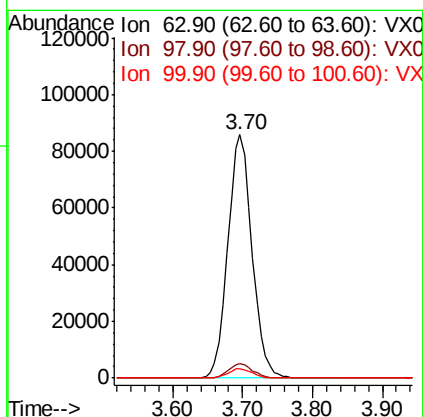
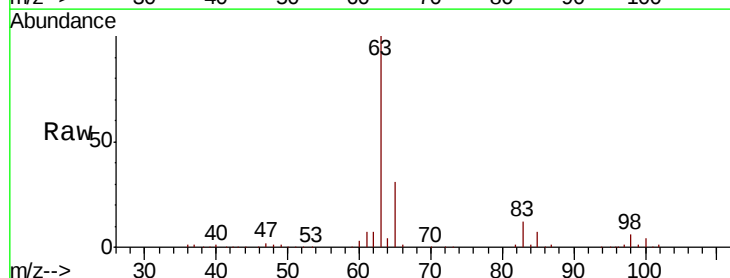
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423MS

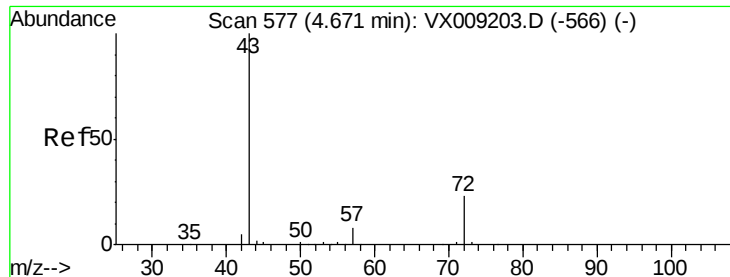
Tgt Ion: 43 Resp: 1819999
 Ion Ratio Lower Upper
 43 100
 86 8.4 6.9 10.3



#24
 1,1-Dichloroethane
 Concen: 49.164 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

Tgt Ion: 63 Resp: 205461
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.0 9.2
 100 3.7 2.0 6.0





#25

2-Butanone

Concen: 246.036 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

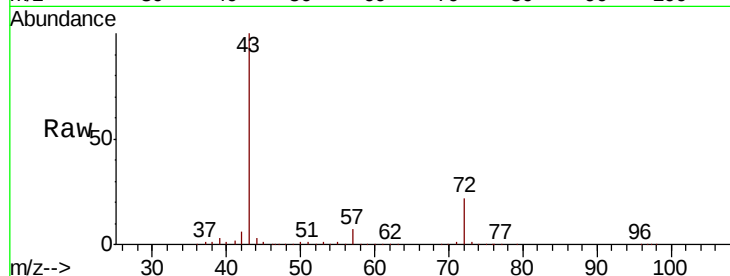
WP021MW038-190423MS

Tgt Ion: 43 Resp: 539907

Ion Ratio Lower Upper

43 100

72 22.4 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

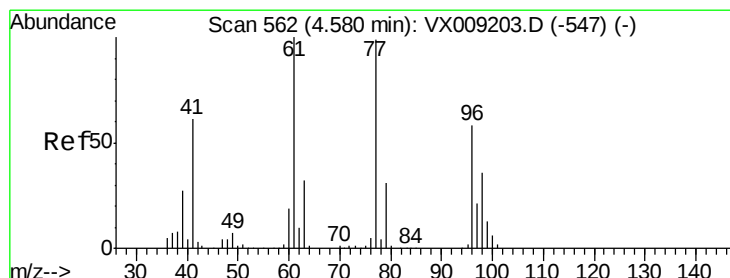
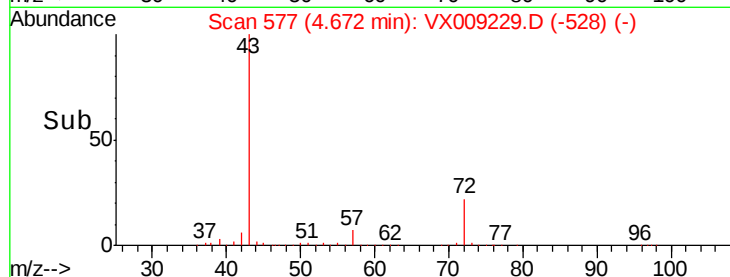
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 38.867 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009229.D

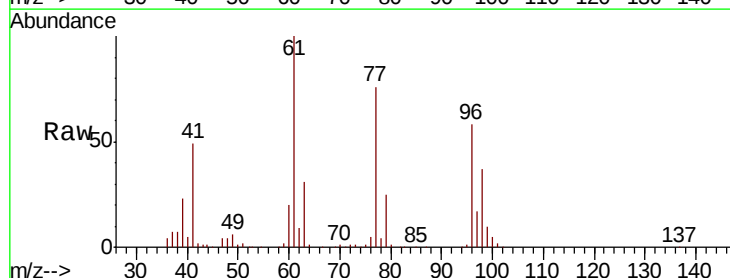
Acq: 29 Apr 2019 23:46

Tgt Ion: 77 Resp: 120902

Ion Ratio Lower Upper

77 100

97 24.1 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

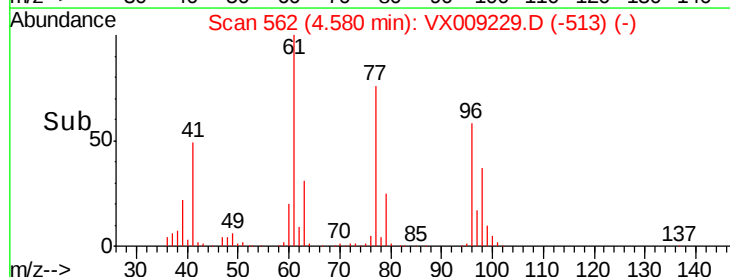
30000

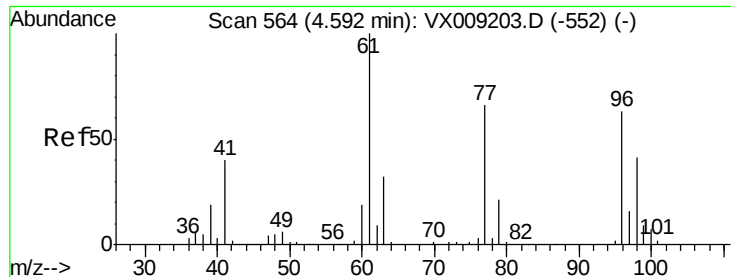
20000

10000

0

Time-->



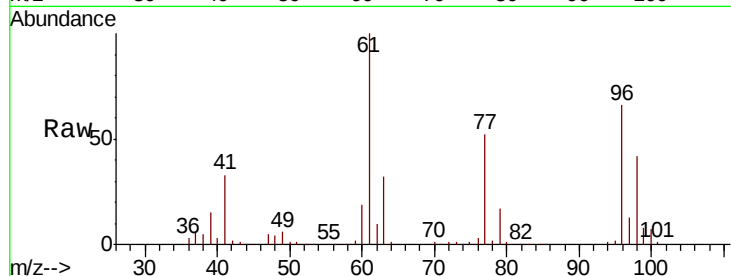


#27

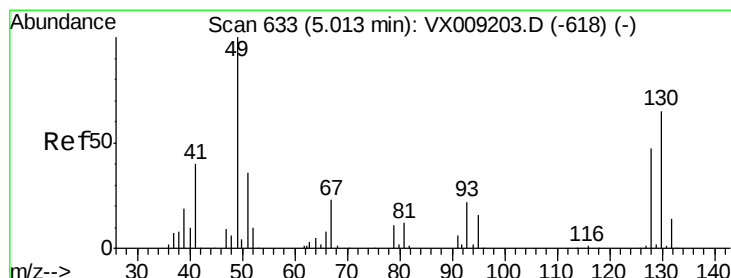
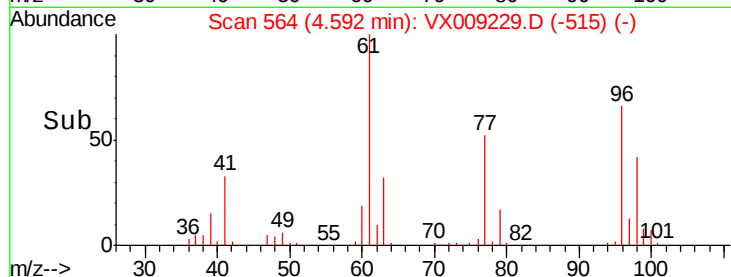
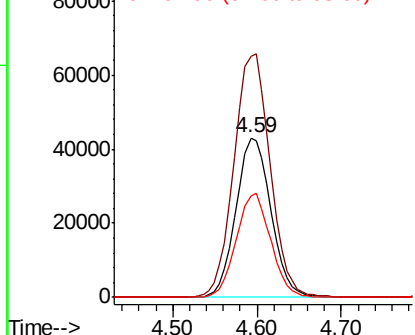
cis-1,2-Dichloroethene
 Concen: 51.624 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423MS

Tgt Ion: 96 Resp: 120794
 Ion Ratio Lower Upper
 96 100
 61 159.0 0.0 324.0
 98 64.6 0.0 130.4



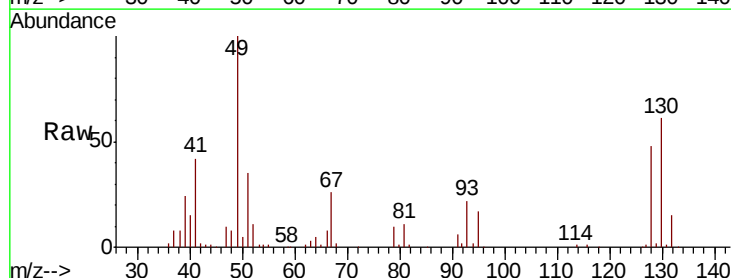
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



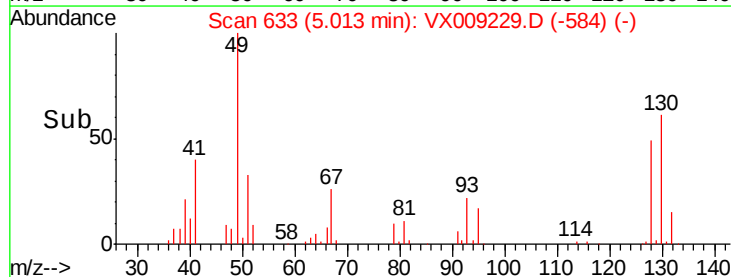
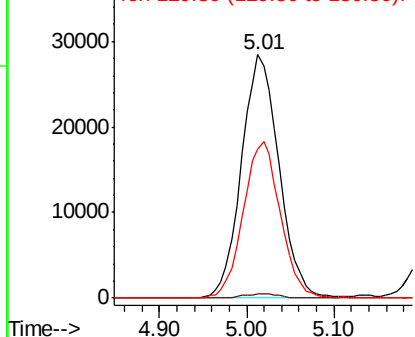
#28

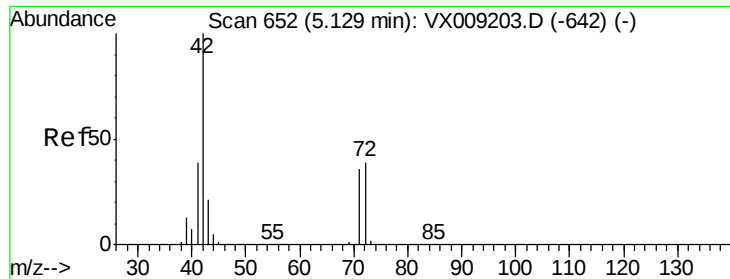
Bromochloromethane
 Concen: 50.607 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

Tgt Ion: 49 Resp: 85080
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 63.4 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

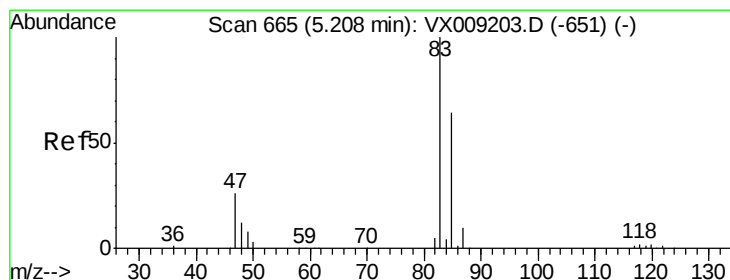
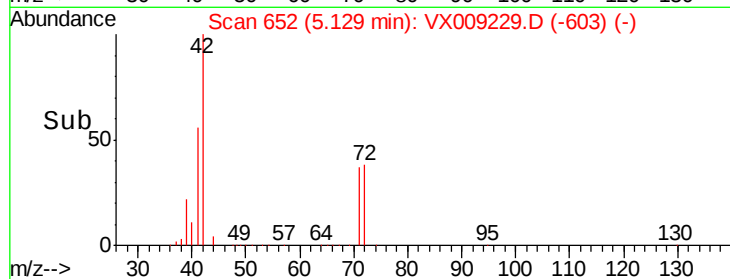
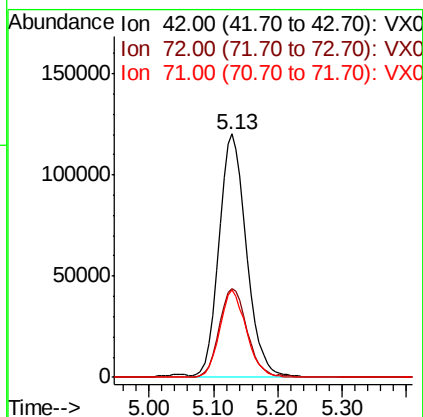
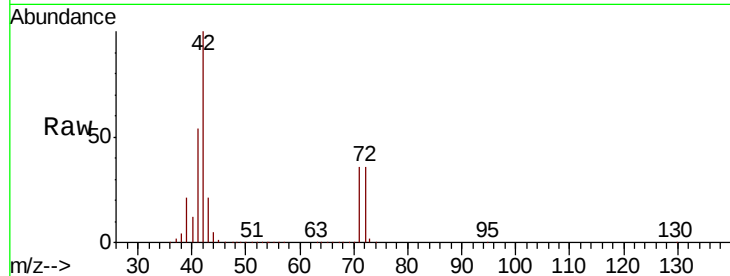




#29
Tetrahydrofuran
Concen: 255.033 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009229.D
Acq: 29 Apr 2019 23:46

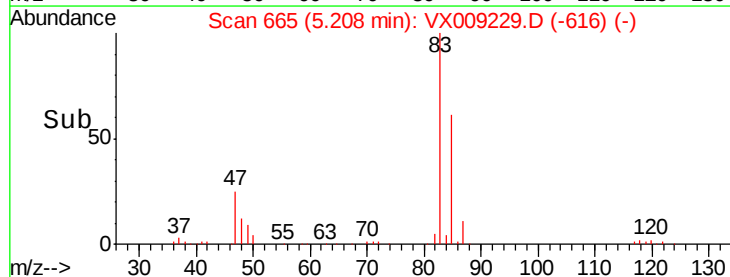
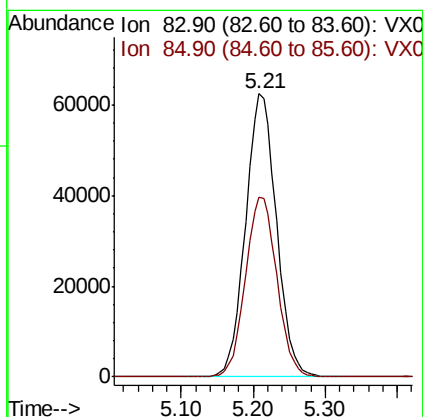
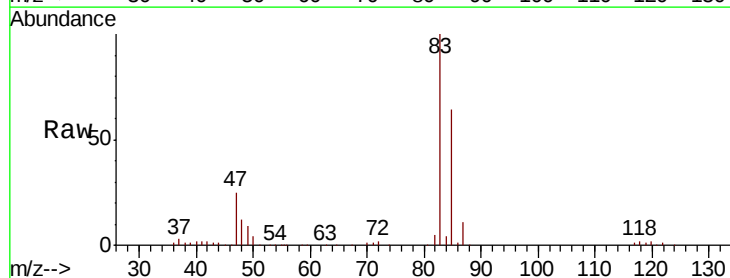
Instrument :
MSVOA_X
ClientSampleId :
WP021MW038-190423MS

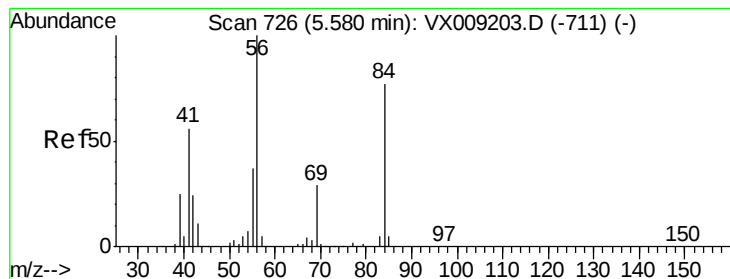
Tgt Ion: 42 Resp: 360132
Ion Ratio Lower Upper
42 100
72 37.6 30.4 45.6
71 35.2 28.6 43.0



#30
Chloroform
Concen: 49.135 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009229.D
Acq: 29 Apr 2019 23:46

Tgt Ion: 83 Resp: 185718
Ion Ratio Lower Upper
83 100
85 63.7 51.5 77.3





#31

Cyclohexane

Concen: 49.167 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MS

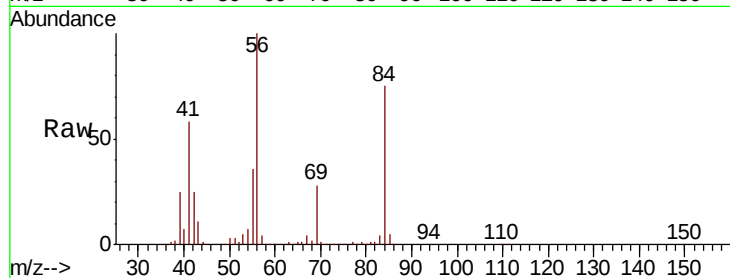
Tgt Ion: 56 Resp: 191167

Ion Ratio Lower Upper

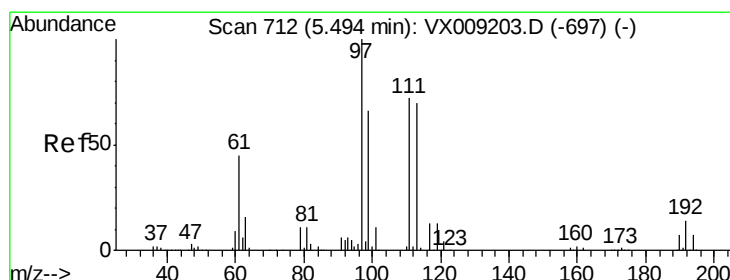
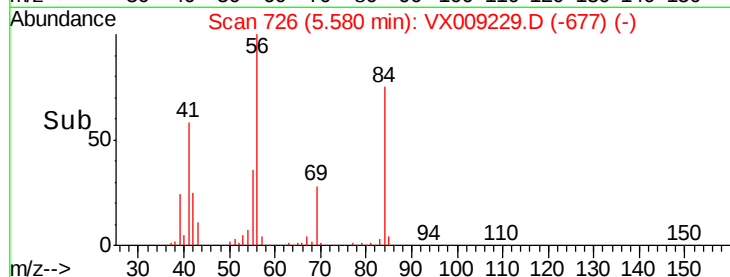
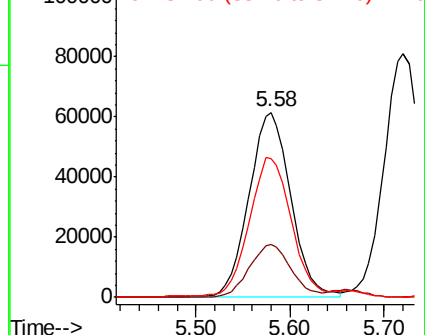
56 100

69 28.2 23.4 35.0

84 73.8 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: 48.459 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

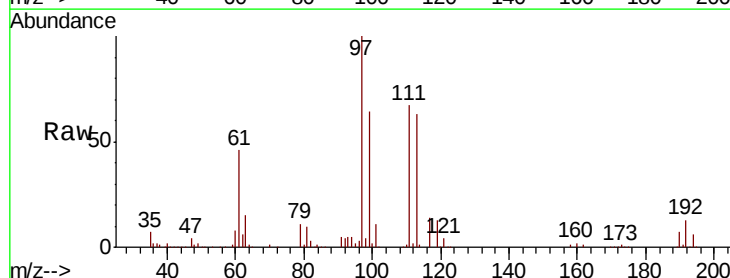
Tgt Ion: 97 Resp: 152474

Ion Ratio Lower Upper

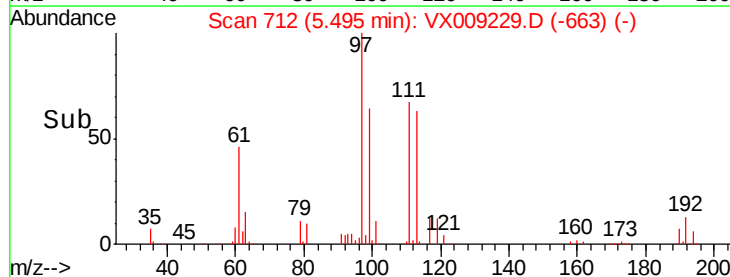
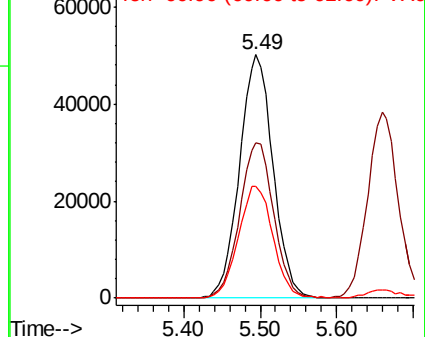
97 100

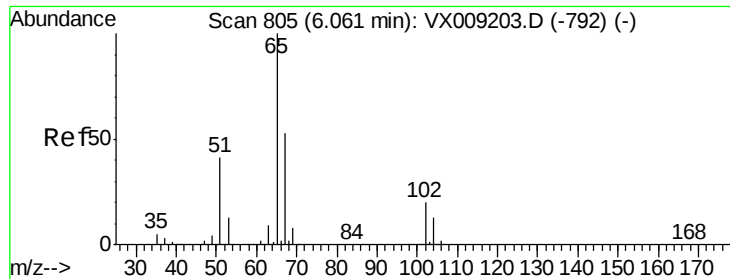
99 64.9 51.8 77.8

61 47.6 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: 47.950 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

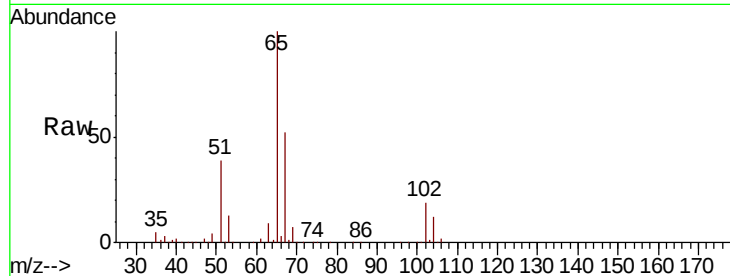
WP021MW038-190423MS

Tgt Ion: 65 Resp: 126103

Ion Ratio Lower Upper

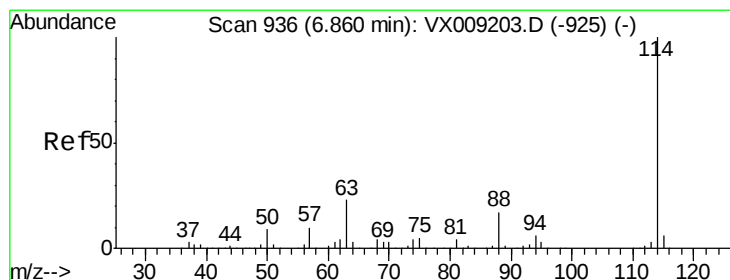
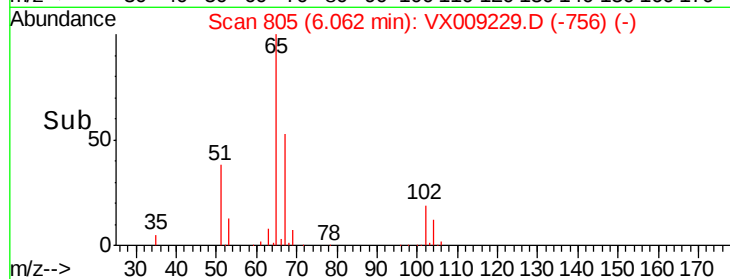
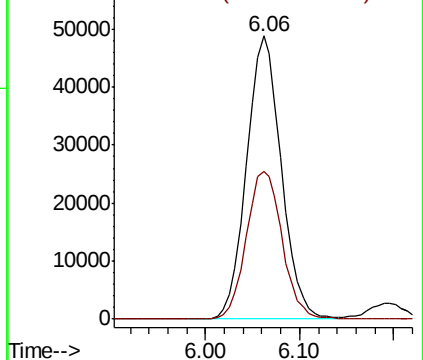
65 100

67 53.9 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: VX009229.D

Acq: 29 Apr 2019 23:46

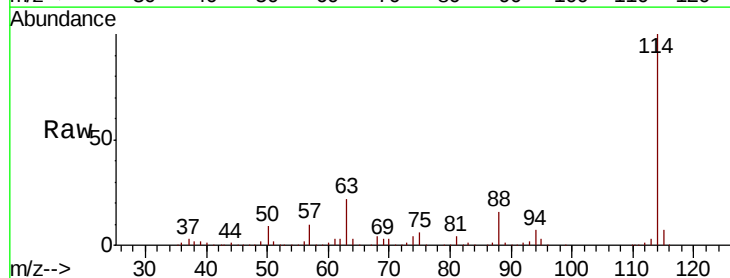
Tgt Ion: 114 Resp: 322321

Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.6

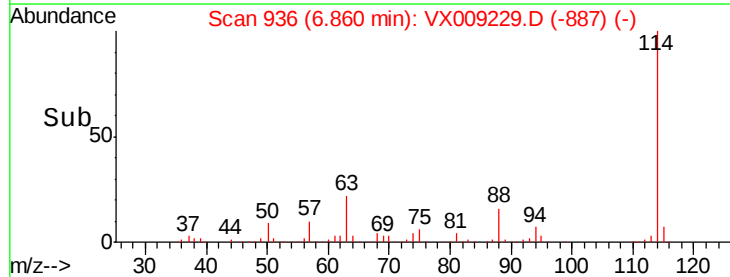
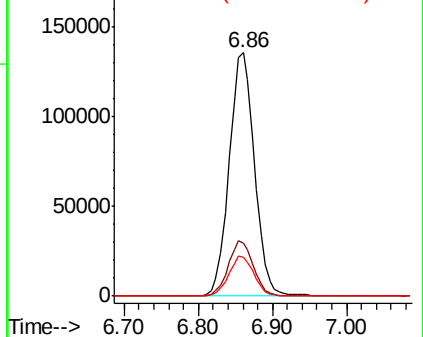
88 15.9 0.0 33.2



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

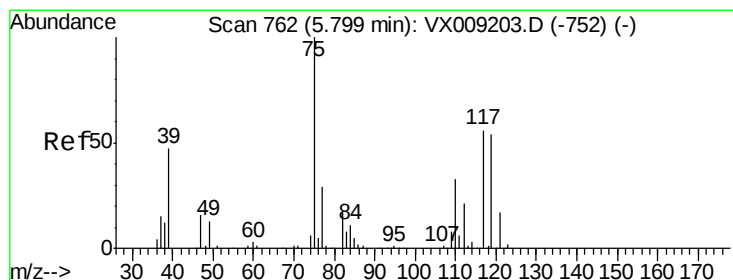
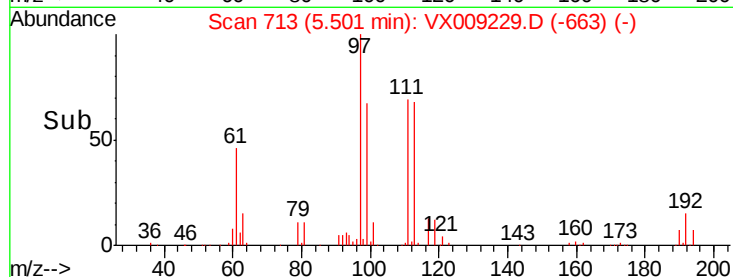
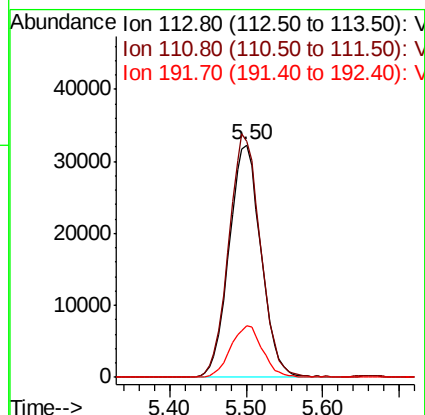
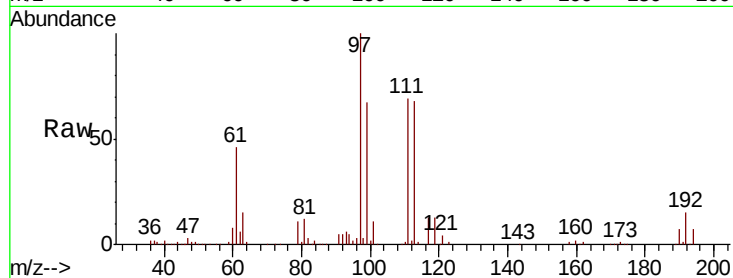




#35
 Dibromofluoromethane
 Concen: 46.055 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

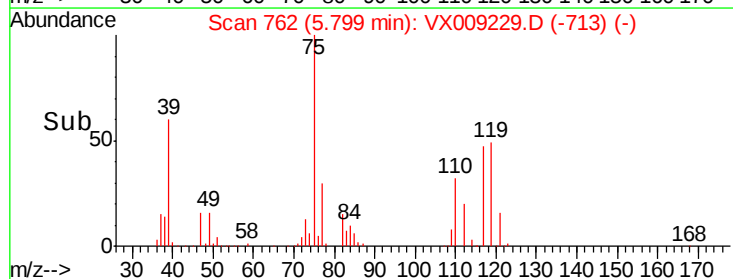
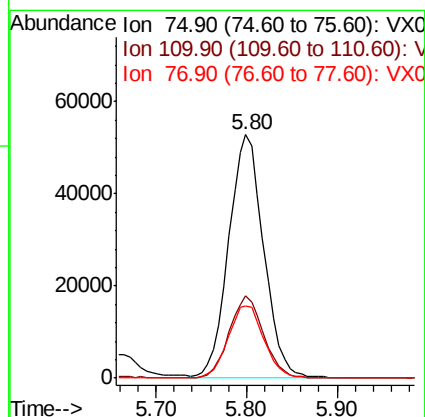
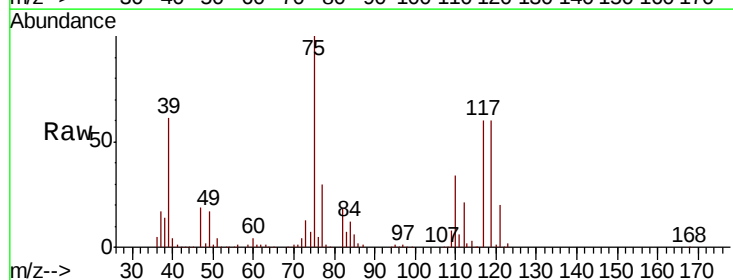
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423MS

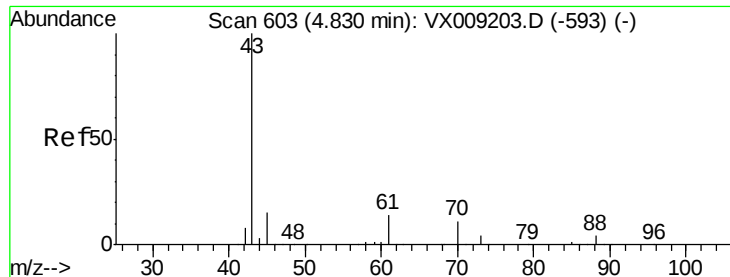
Tgt Ion:113 Resp: 93318
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.8 124.2
 192 21.9 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 46.811 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

Tgt Ion: 75 Resp: 140217
 Ion Ratio Lower Upper
 75 100
 110 33.5 16.9 50.6
 77 31.0 24.8 37.2





#37

Ethyl Acetate

Concen: 47.945 ug/l

RT: 4.83 min Scan# 603

Delta R.T. 0.00 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MS

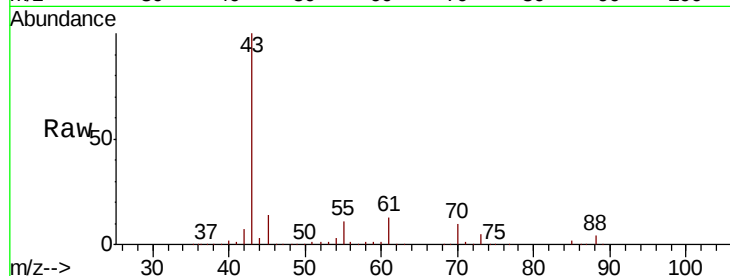
Tgt Ion: 43 Resp: 200095

Ion Ratio Lower Upper

43 100

61 12.6 10.5 15.7

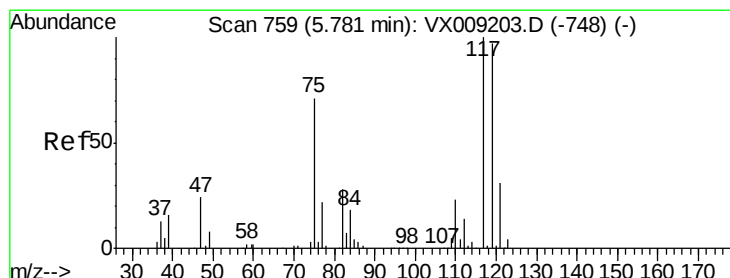
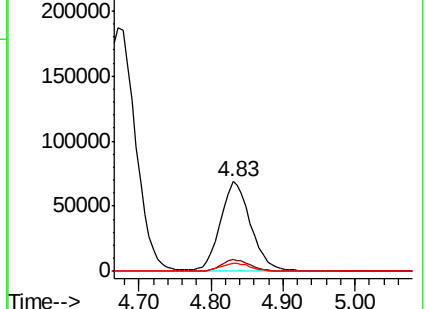
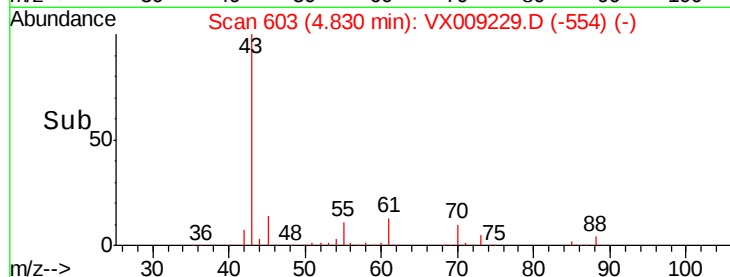
70 9.4 7.9 11.9



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: 46.247 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

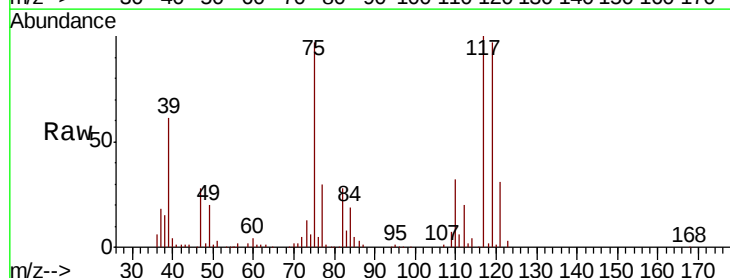
Tgt Ion: 117 Resp: 125860

Ion Ratio Lower Upper

117 100

119 97.3 77.5 116.3

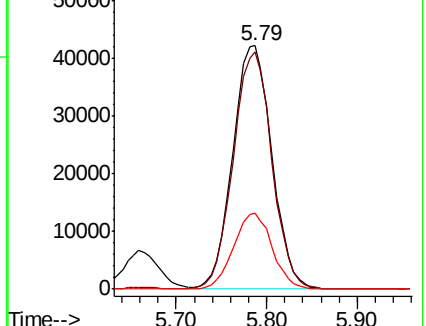
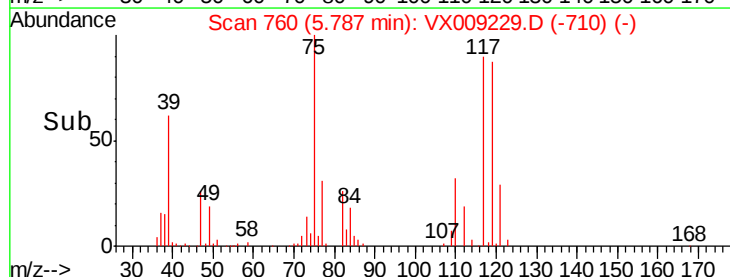
121 31.5 24.7 37.1

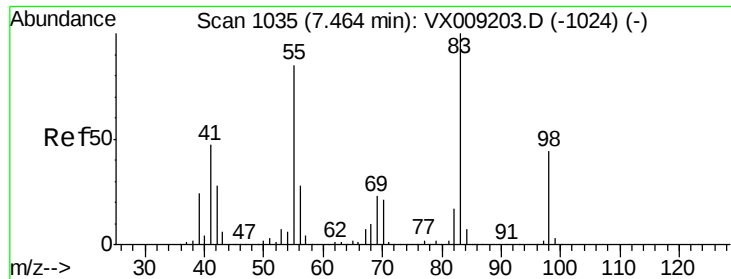


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

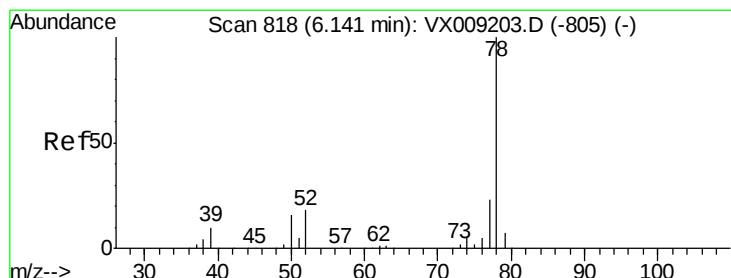
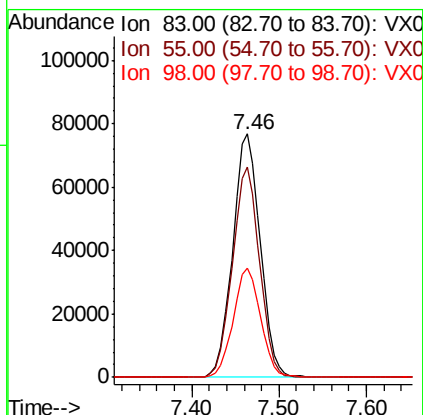
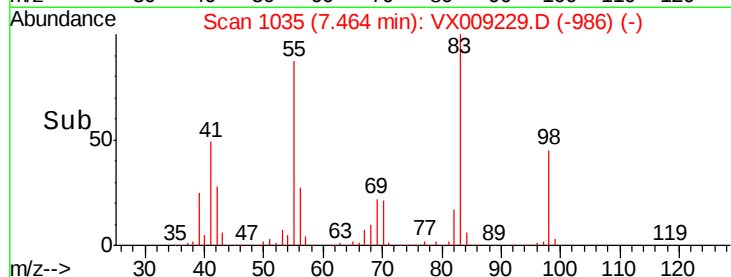
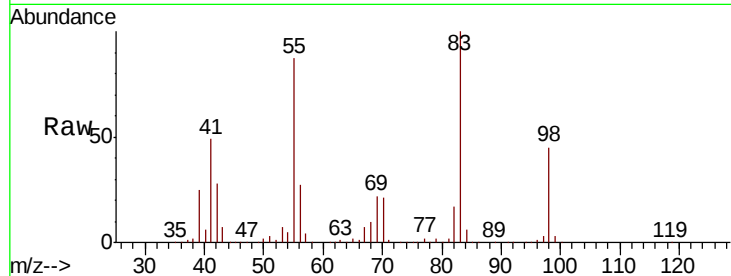




#39
Methylcyclohexane
Concen: 45.615 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009229.D
Acq: 29 Apr 2019 23:46

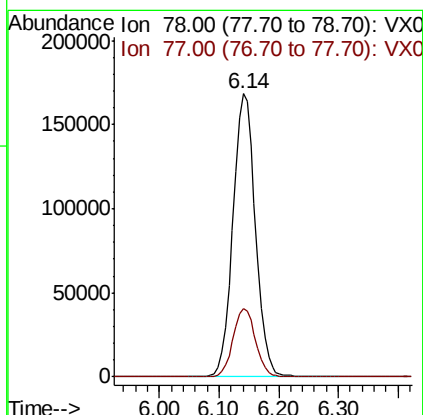
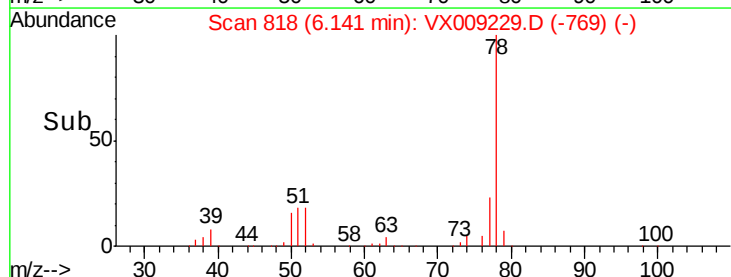
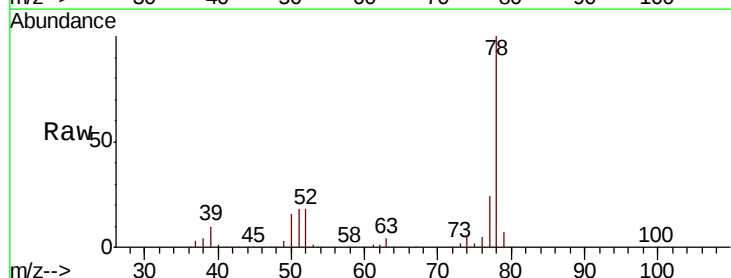
Instrument :
MSVOA_X
ClientSampleId :
WP021MW038-190423MS

Tgt Ion: 83 Resp: 167799
Ion Ratio Lower Upper
83 100
55 86.4 67.7 101.5
98 44.8 35.5 53.3



#40
Benzene
Concen: 47.621 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009229.D
Acq: 29 Apr 2019 23:46

Tgt Ion: 78 Resp: 441456
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2

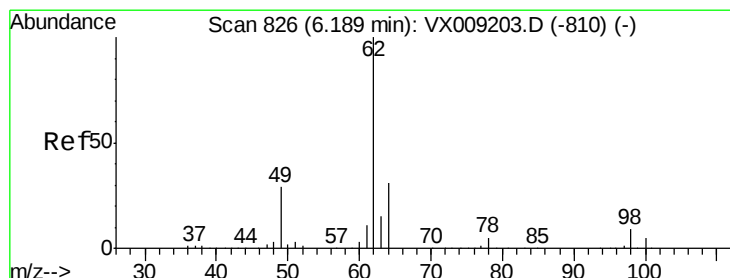
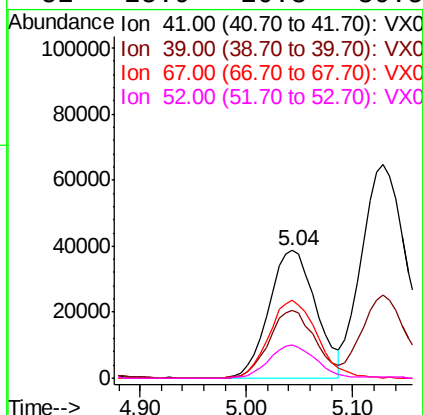
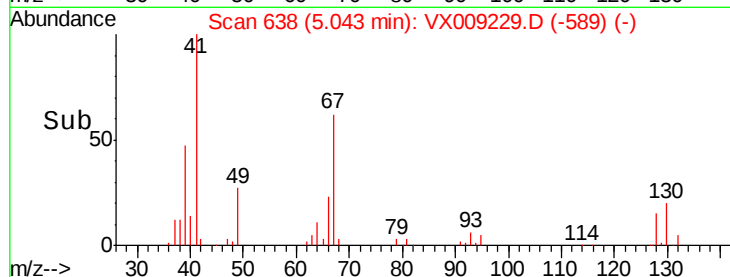
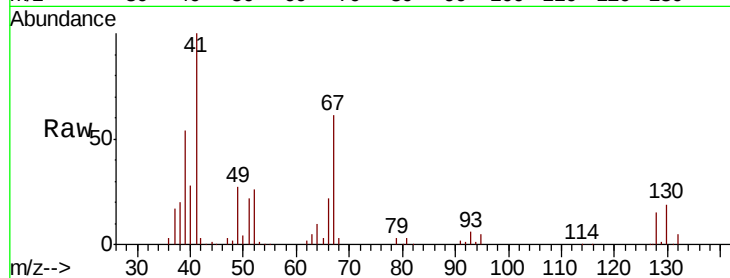




#41
Methacrylonitrile
Concen: 47.732 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX009229.D
Acq: 29 Apr 2019 23:46

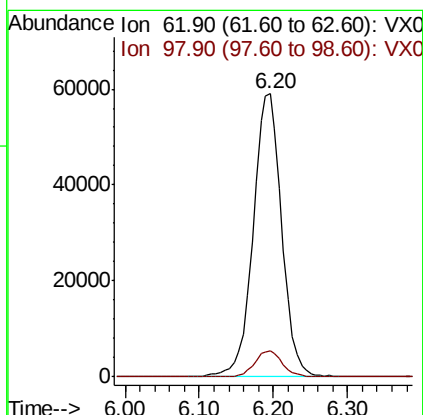
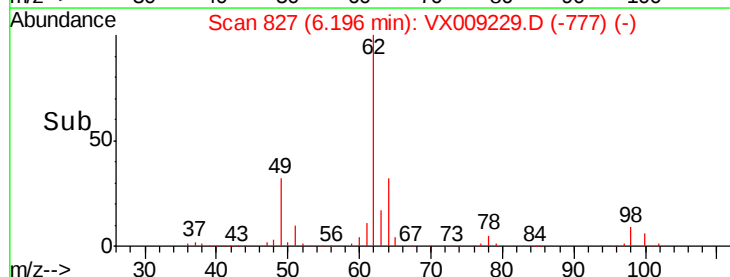
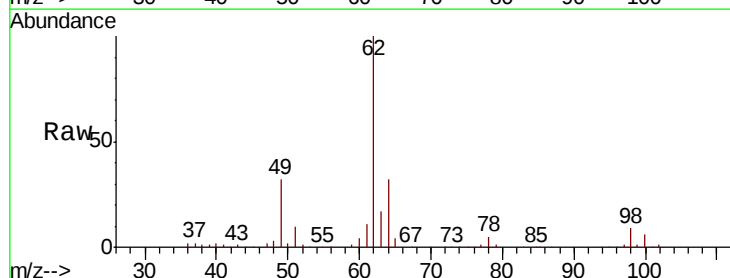
Instrument :
MSVOA_X
ClientSampleId :
WP021MW038-190423MS

Tgt Ion:	41	Resp:	118582
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.0	63.0
67	62.4	49.8	74.8
52	25.9	20.3	30.5



#42
1,2-Dichloroethane
Concen: 47.545 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX009229.D
Acq: 29 Apr 2019 23:46

Tgt Ion:	62	Resp:	158103
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.2





#43

Isopropyl Acetate

Concen: 47.961 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MS

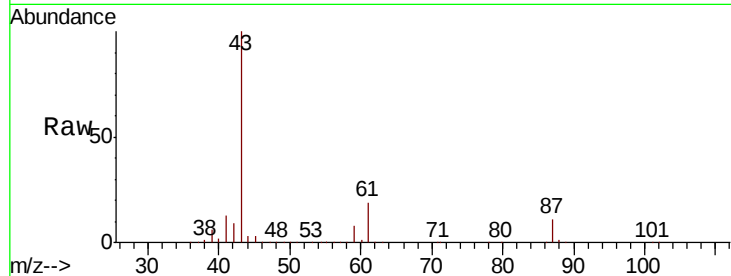
Tgt Ion: 43 Resp: 320168

Ion Ratio Lower Upper

43 100

61 19.1 15.1 22.7

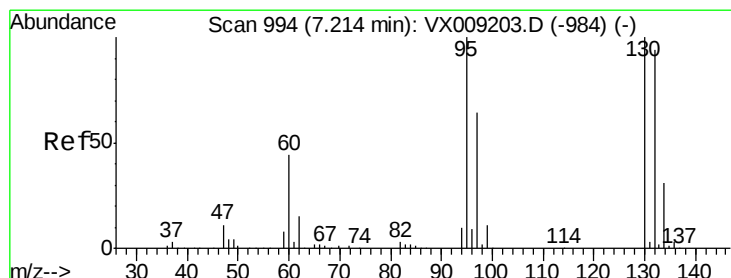
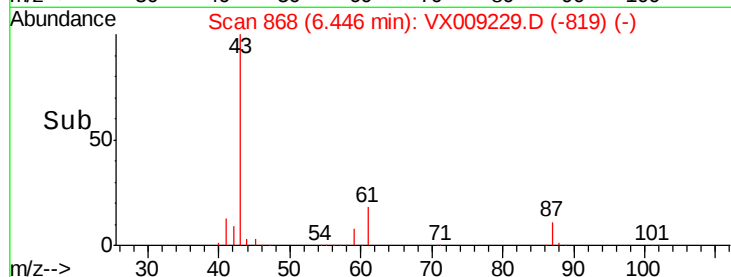
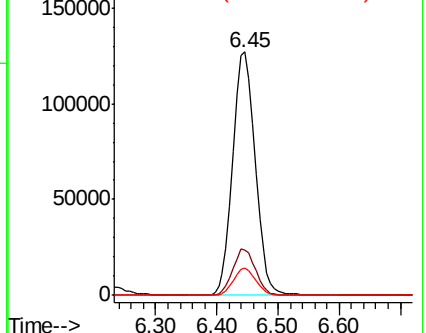
87 11.2 9.0 13.6



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: 45.990 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009229.D

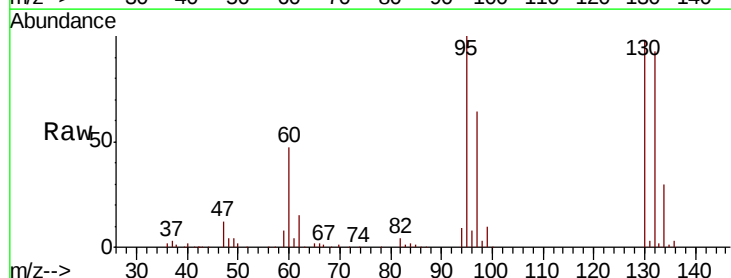
Acq: 29 Apr 2019 23:46

Tgt Ion: 130 Resp: 103068

Ion Ratio Lower Upper

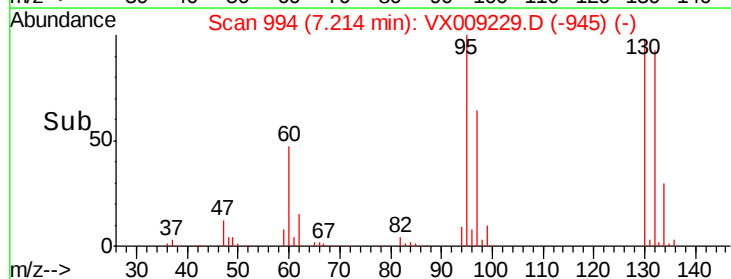
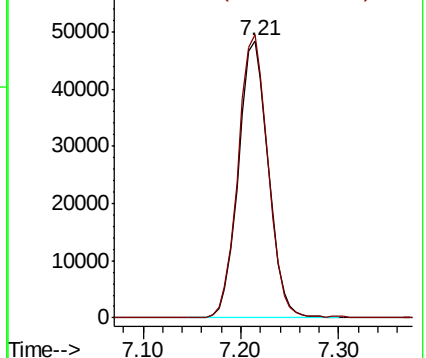
130 100

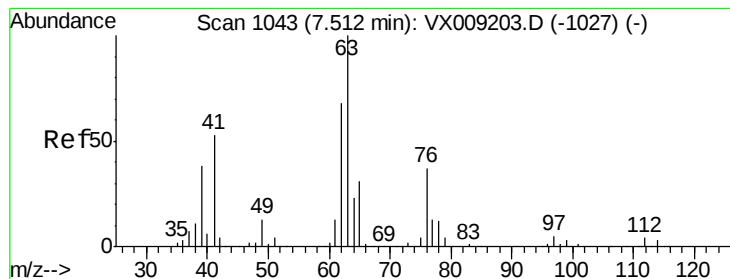
95 102.0 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 47.749 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

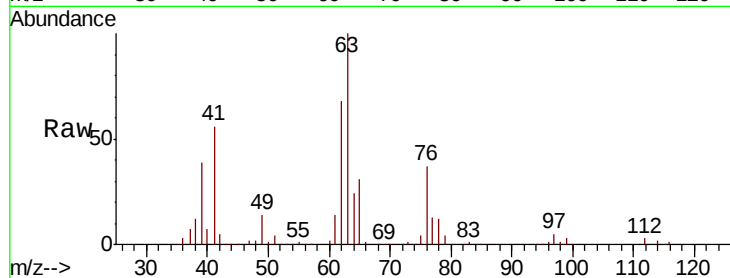
WP021MW038-190423MS

Tgt Ion: 63 Resp: 125339

Ion Ratio Lower Upper

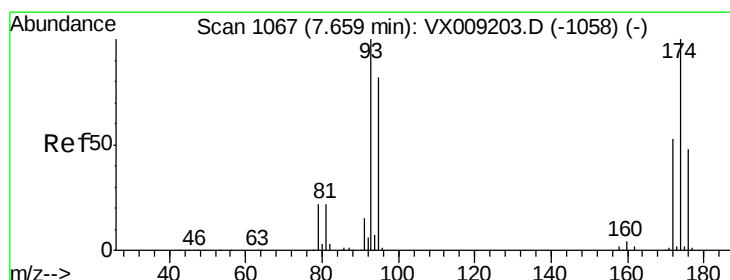
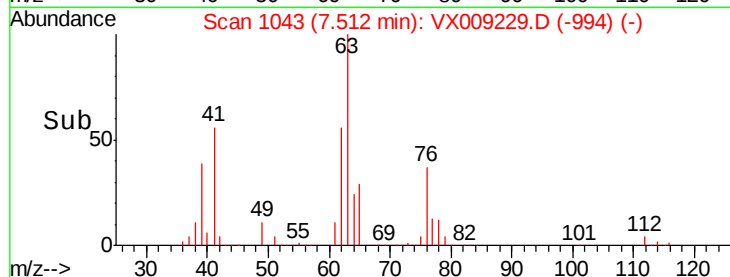
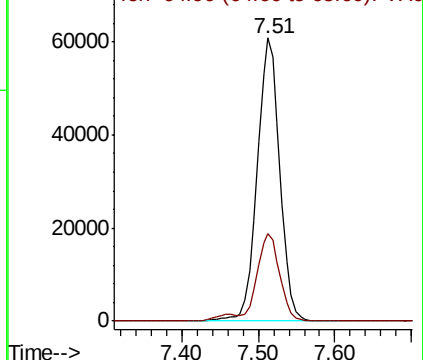
63 100

65 31.0 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 46.449 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

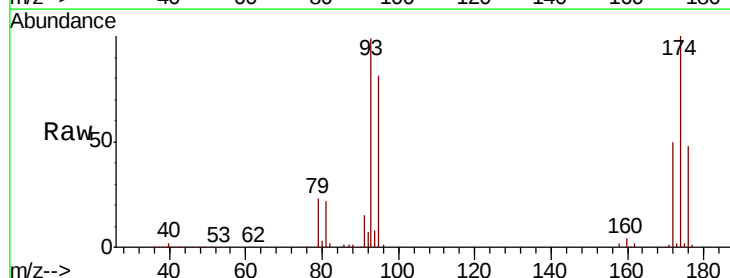
Tgt Ion: 93 Resp: 70803

Ion Ratio Lower Upper

93 100

95 84.4 66.5 99.7

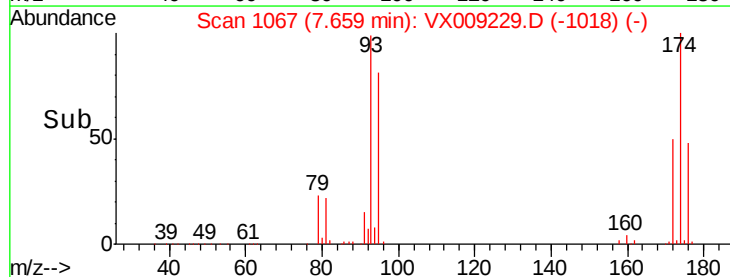
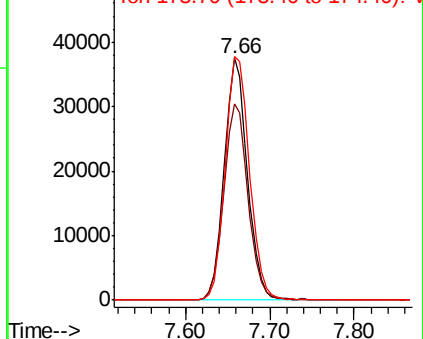
174 105.5 82.1 123.1

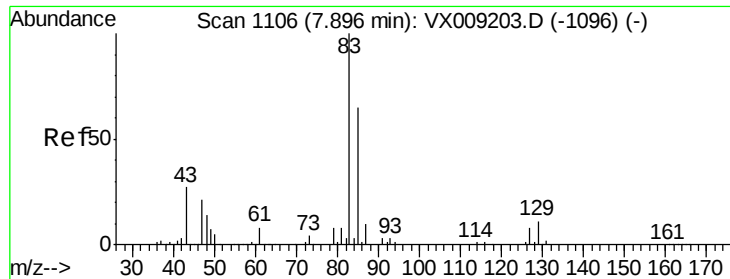


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 47.592 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MS

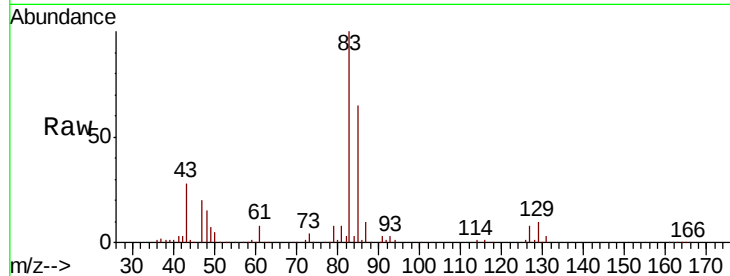
Tgt Ion: 83 Resp: 144709

Ion Ratio Lower Upper

83 100

85 64.5 52.4 78.6

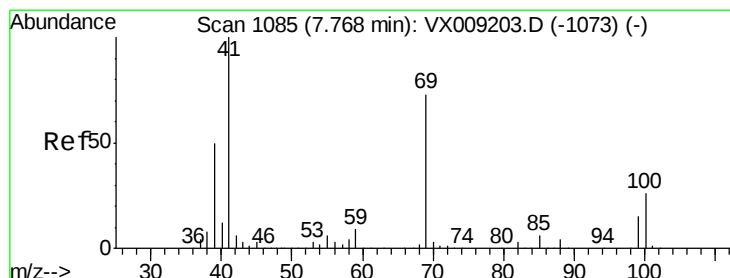
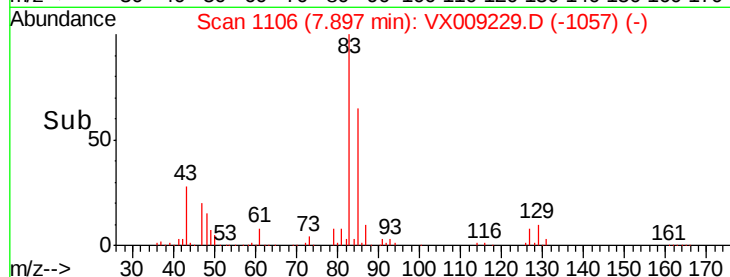
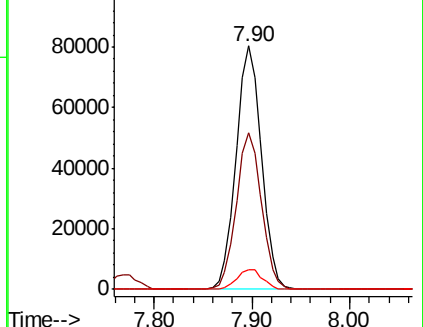
127 8.2 6.6 10.0



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: 49.028 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

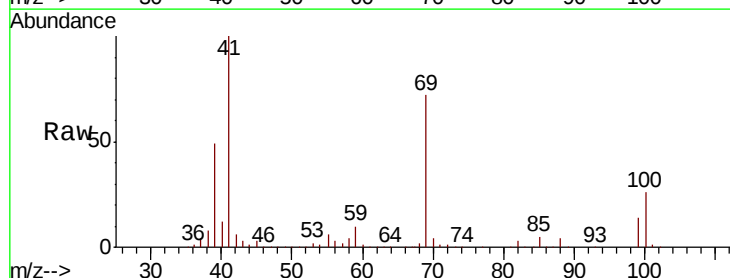
Tgt Ion: 41 Resp: 162377

Ion Ratio Lower Upper

41 100

69 73.3 59.1 88.7

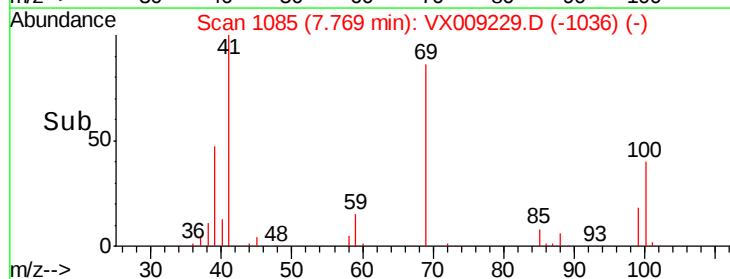
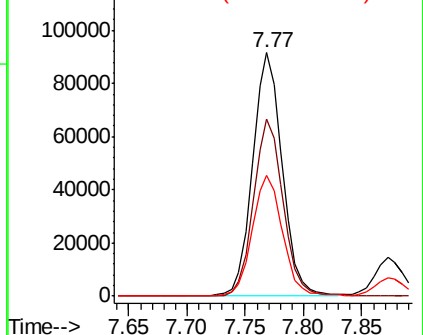
39 50.1 40.4 60.6

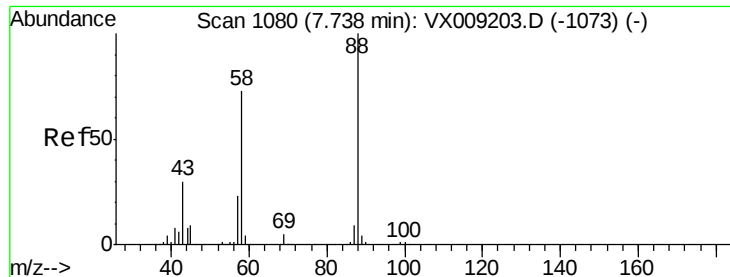


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

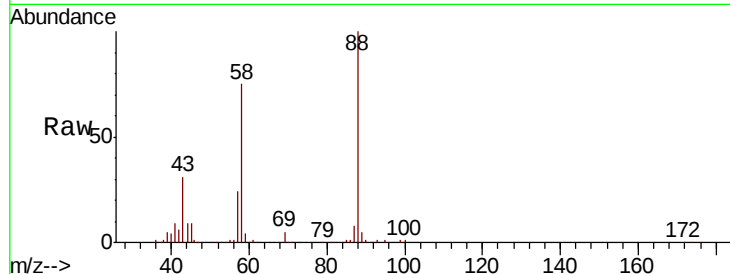




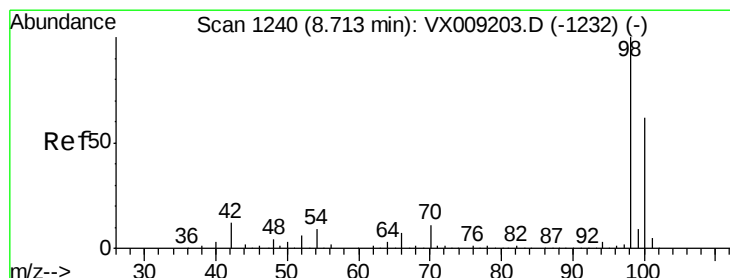
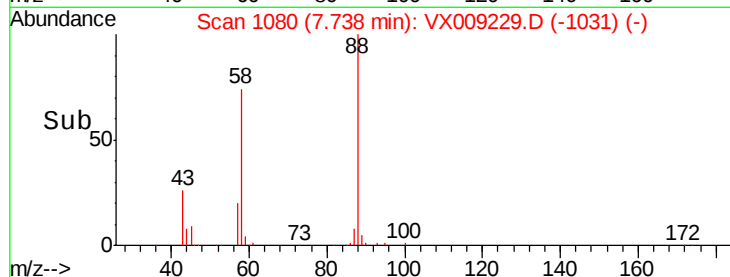
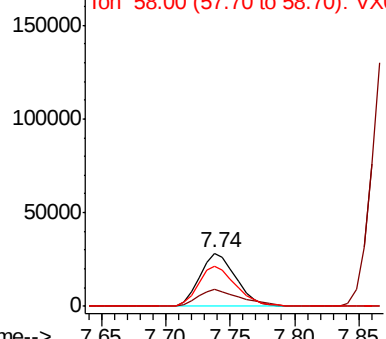
#49
 1,4-Dioxane
 Concen: 824.705 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423MS

Tgt Ion: 88 Resp: 55392
 Ion Ratio Lower Upper
 88 100
 43 36.7 28.6 42.8
 58 79.1 61.7 92.5

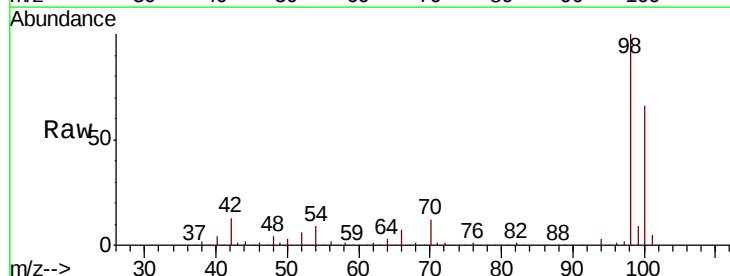


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

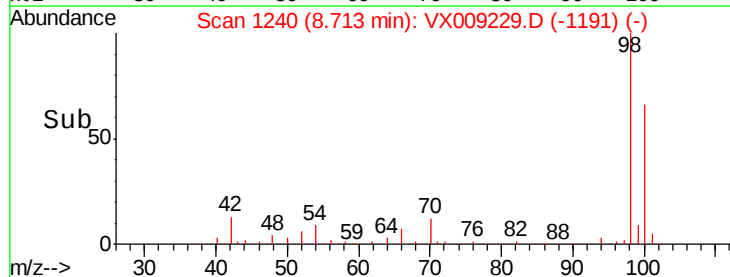
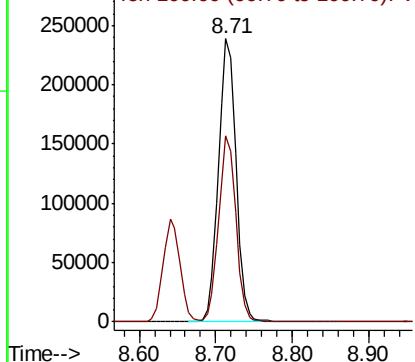


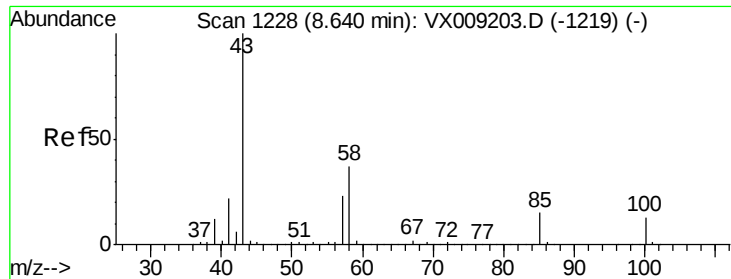
#50
 Toluene-d8
 Concen: 46.567 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

Tgt Ion: 98 Resp: 380940
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.2 76.8



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

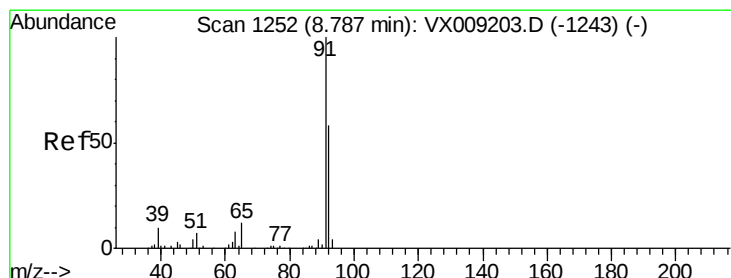
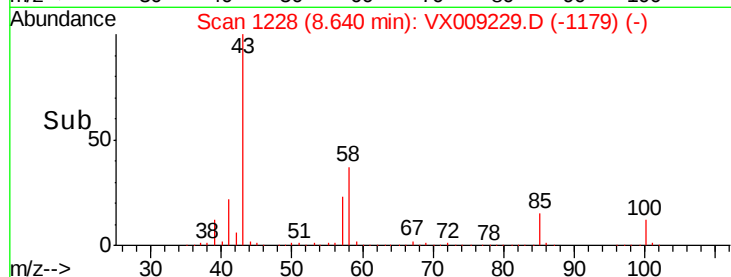
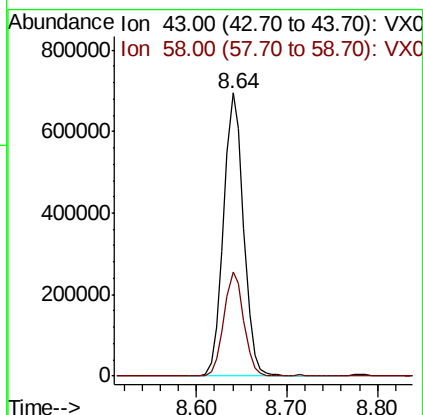
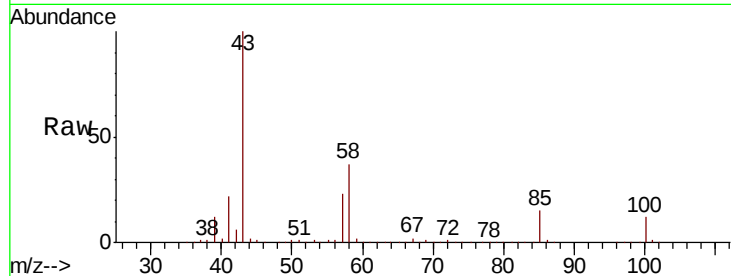




#51
 4-Methyl-2-Pentanone
 Concen: 245.331 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

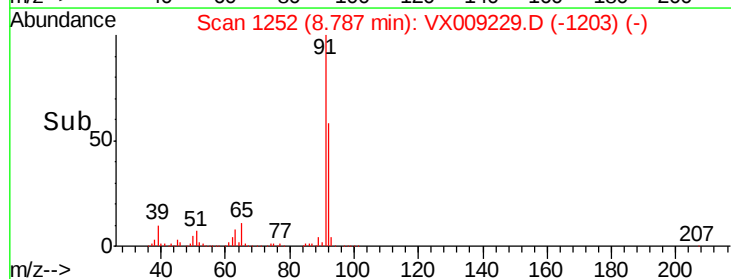
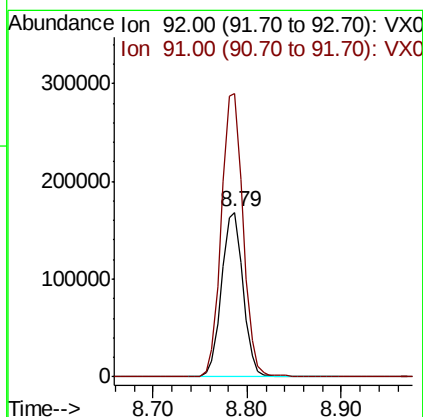
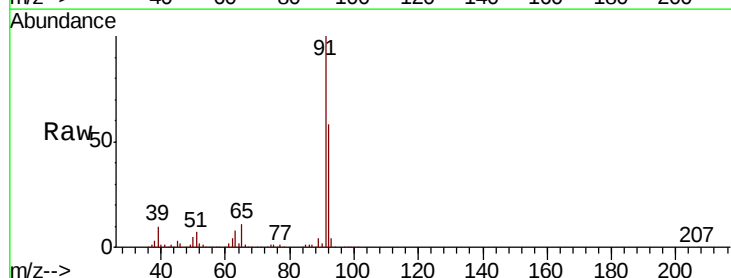
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423MS

Tgt Ion: 43 Resp: 1070461
 Ion Ratio Lower Upper
 43 100
 58 36.6 29.5 44.3



#52
 Toluene
 Concen: 47.476 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

Tgt Ion: 92 Resp: 267530
 Ion Ratio Lower Upper
 92 100
 91 174.2 138.8 208.2

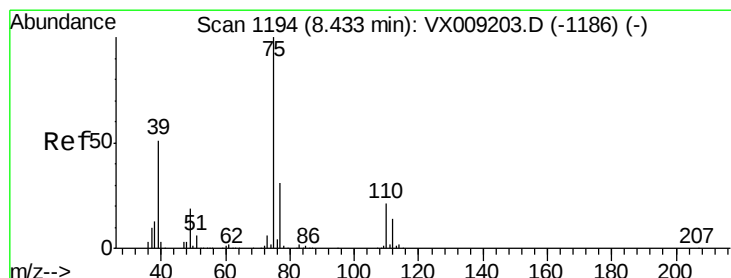
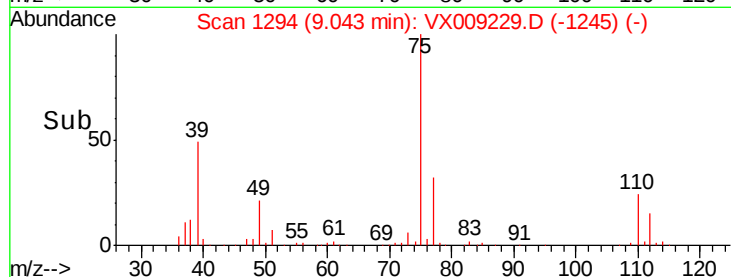
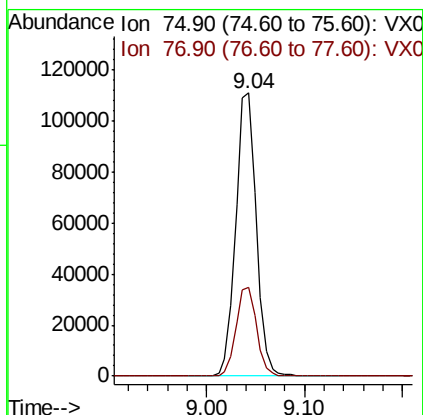
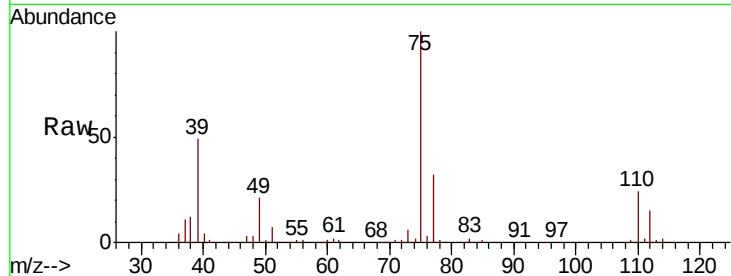




#53
 t-1,3-Dichloropropene
 Concen: 47.055 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

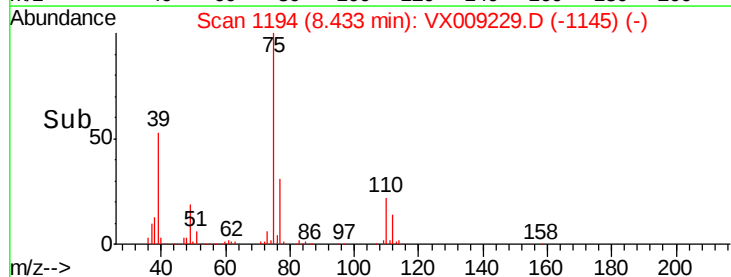
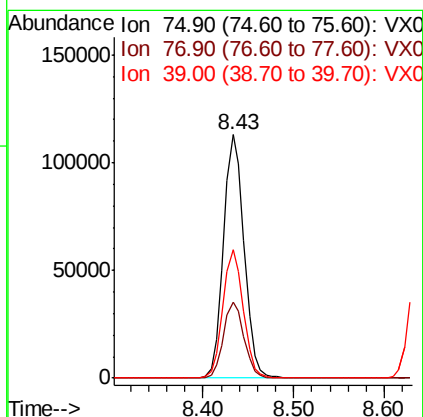
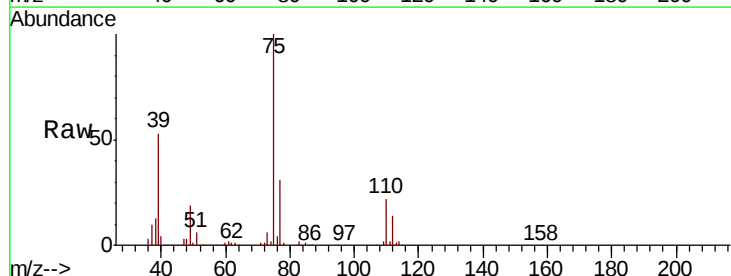
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423MS

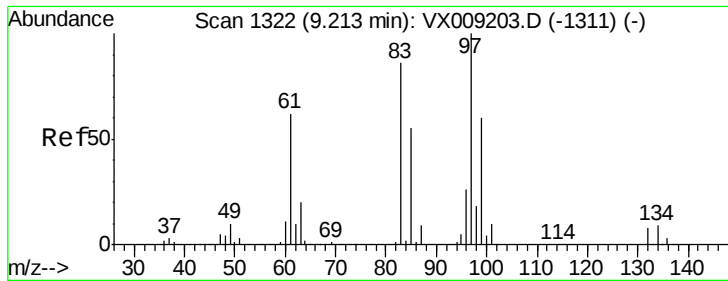
Tgt Ion: 75 Resp: 161535
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 47.178 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

Tgt Ion: 75 Resp: 179261
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.6 36.8
 39 52.8 40.6 60.8

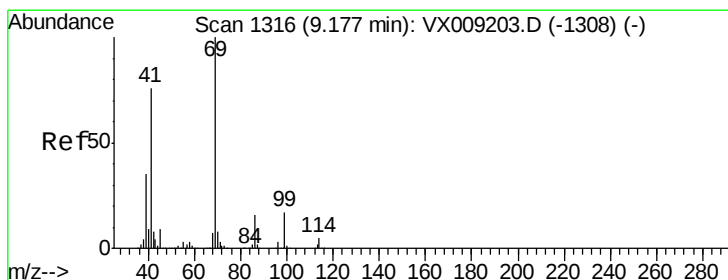
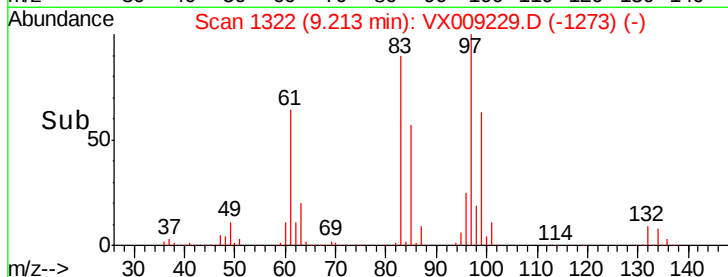
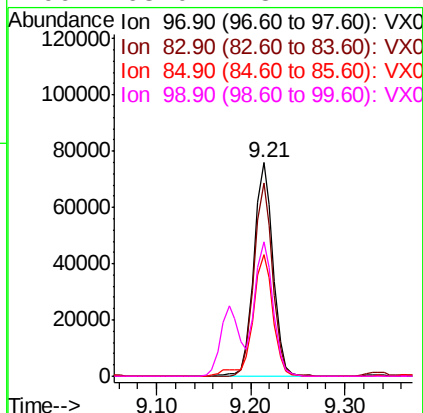
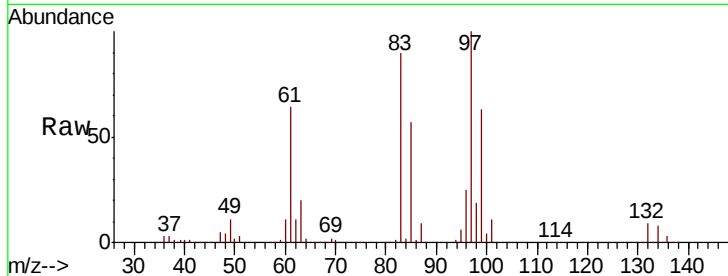




#55
 1,1,2-Trichloroethane
 Concen: 47.606 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

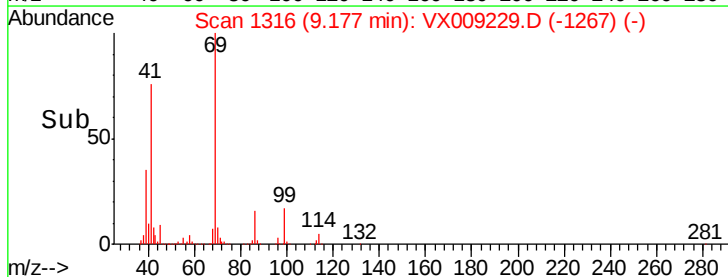
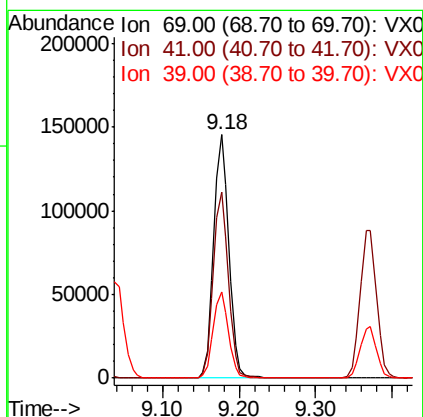
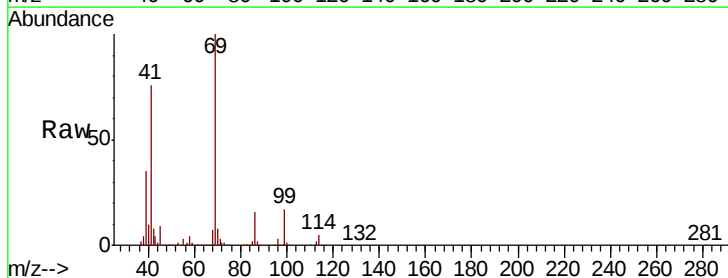
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423MS

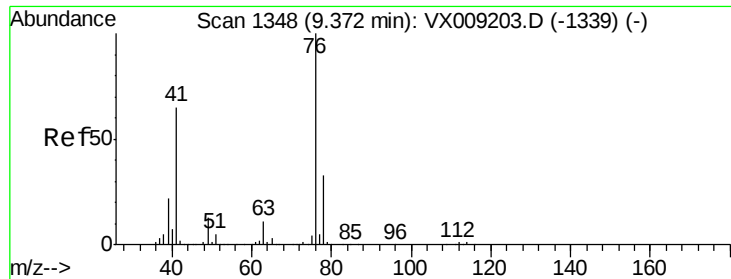
Tgt Ion:	97	Resp:	109443
Ion	Ratio	Lower	Upper
97	100		
83	90.3	68.9	103.3
85	57.0	43.8	65.6
99	63.0	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 49.058 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

Tgt Ion:	69	Resp:	201322
Ion	Ratio	Lower	Upper
69	100		
41	75.8	60.6	90.8
39	35.4	28.2	42.4





#57

1,3-Dichloropropane

Concen: 47.573 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

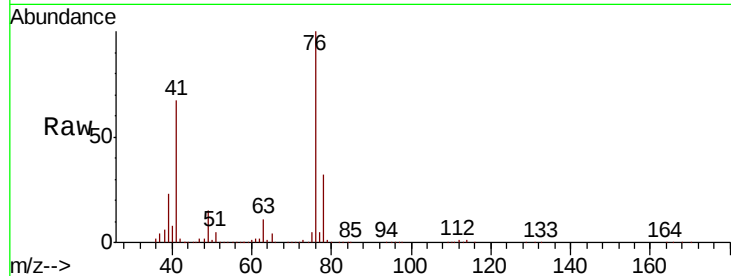
WP021MW038-190423MS

Tgt Ion: 76 Resp: 192460

Ion Ratio Lower Upper

76 100

78 31.5 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

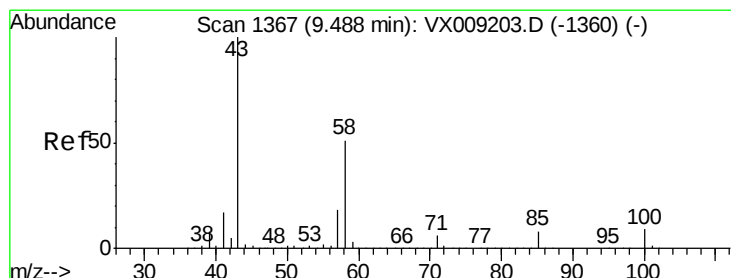
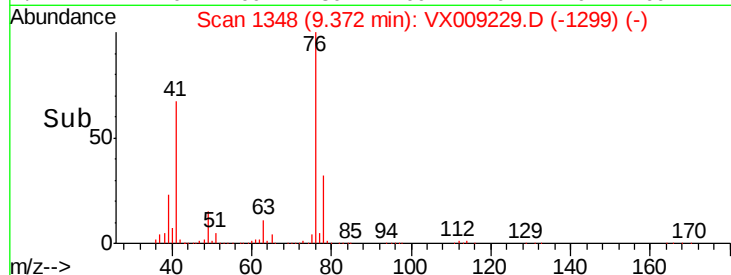
100000

50000

0

9.30 9.40 9.50

Time-->



#59

2-Hexanone

Concen: 245.876 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.01 min

Lab File: VX009229.D

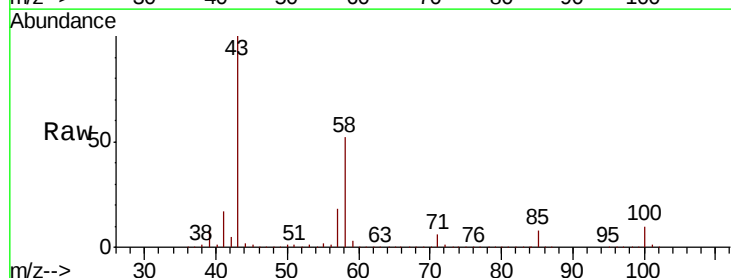
Acq: 29 Apr 2019 23:46

Tgt Ion: 43 Resp: 842595

Ion Ratio Lower Upper

43 100

58 51.4 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

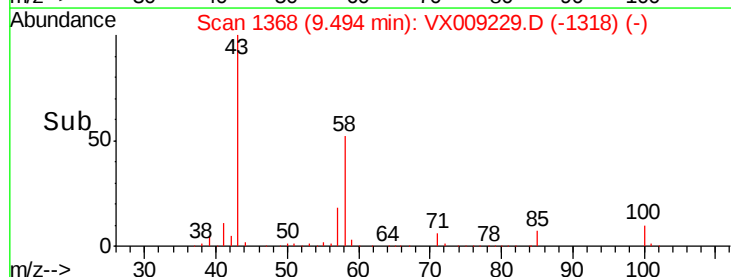
400000

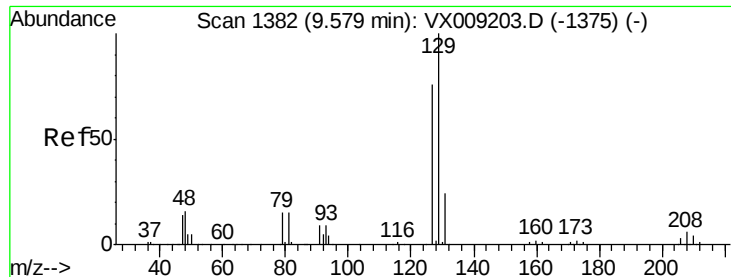
200000

0

9.40 9.50 9.60

Time-->





#60

Dibromochloromethane

Concen: 48.424 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

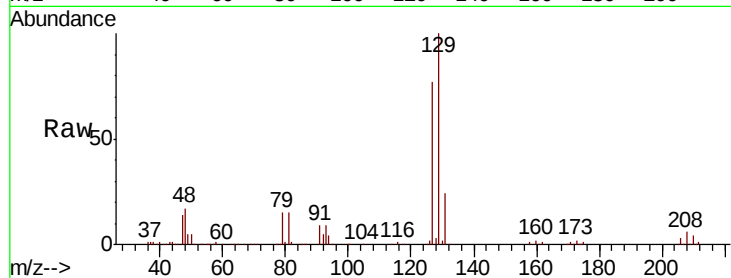
WP021MW038-190423MS

Tgt Ion:129 Resp: 108729

Ion Ratio Lower Upper

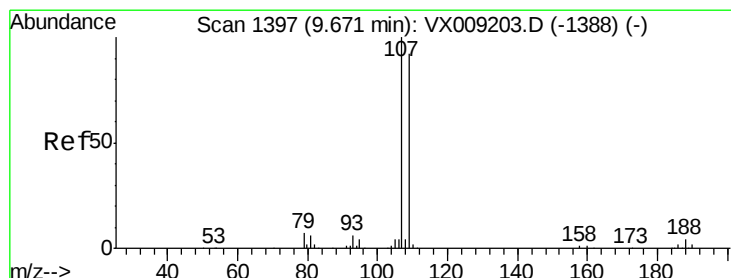
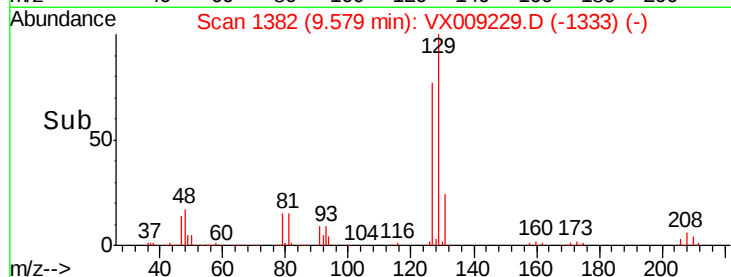
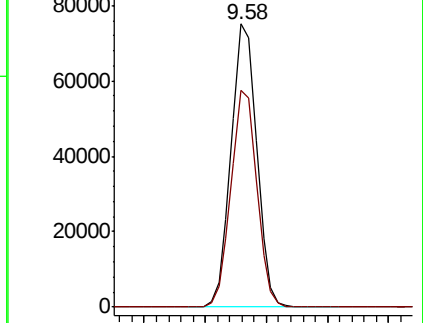
129 100

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: 48.101 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009229.D

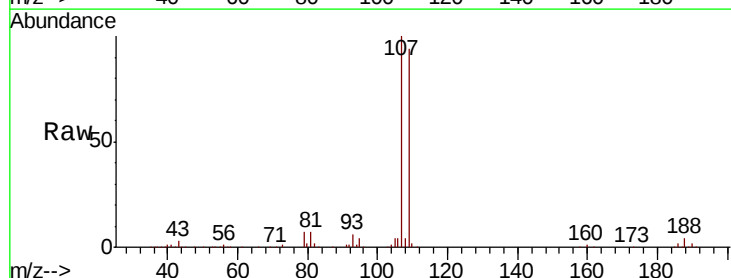
Acq: 29 Apr 2019 23:46

Tgt Ion:107 Resp: 111626

Ion Ratio Lower Upper

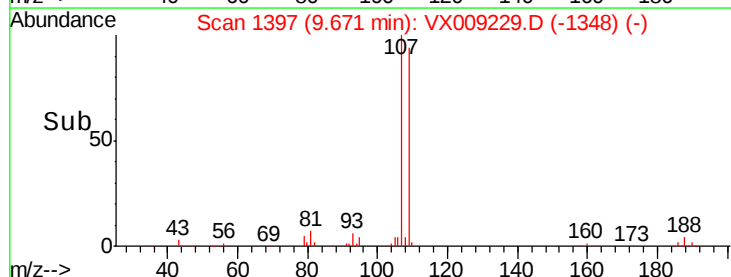
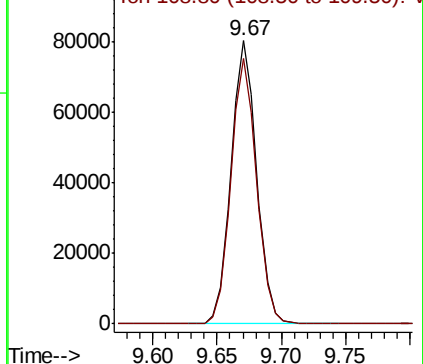
107 100

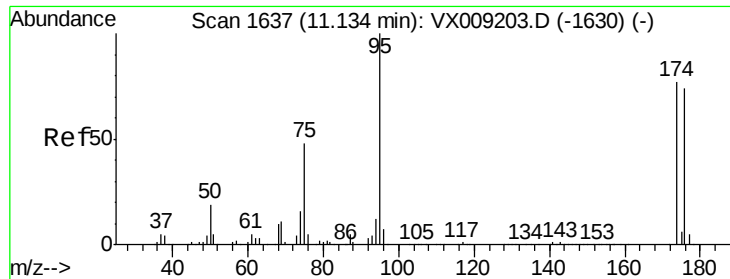
109 94.2 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 46.556 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MS

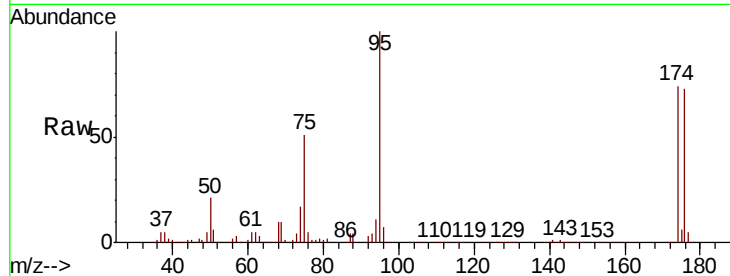
Tgt Ion: 95 Resp: 138385

Ion Ratio Lower Upper

95 100

174 80.4 0.0 161.6

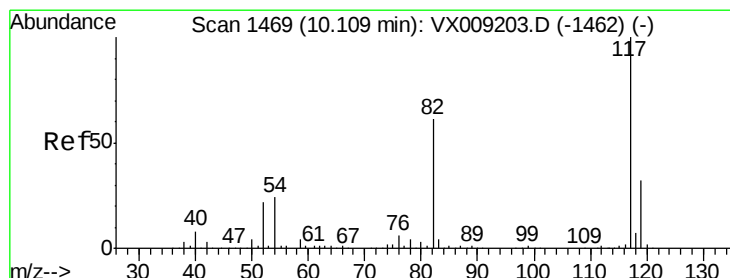
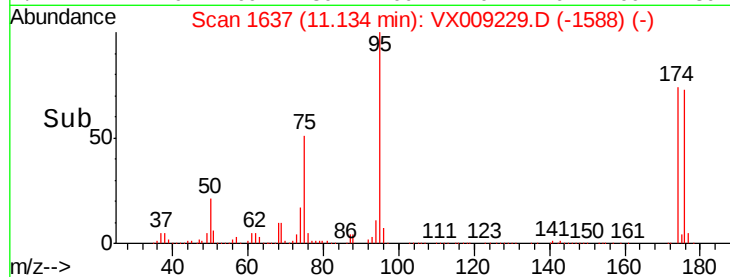
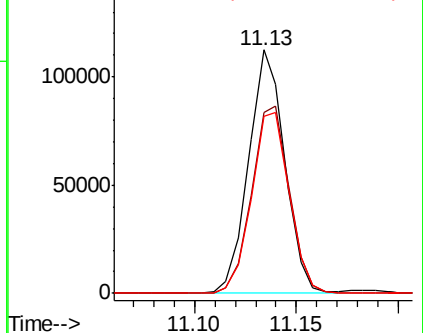
176 77.9 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009229.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009229.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009229.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

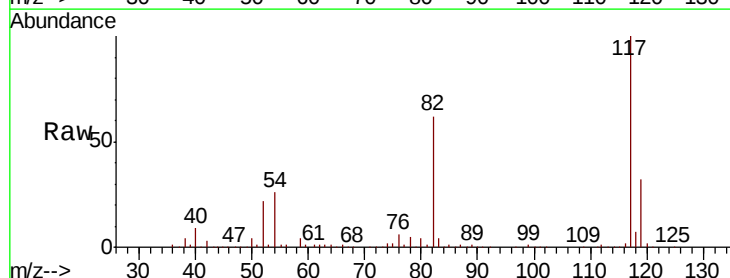
Tgt Ion: 117 Resp: 290024

Ion Ratio Lower Upper

117 100

82 62.1 48.8 73.2

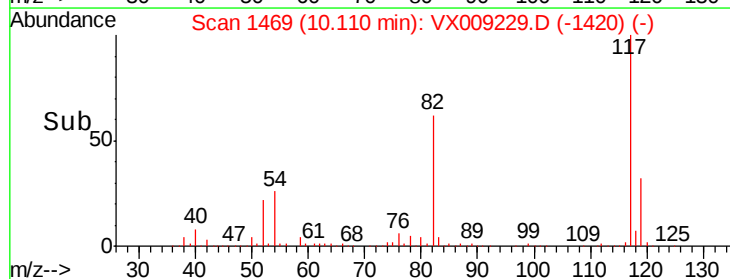
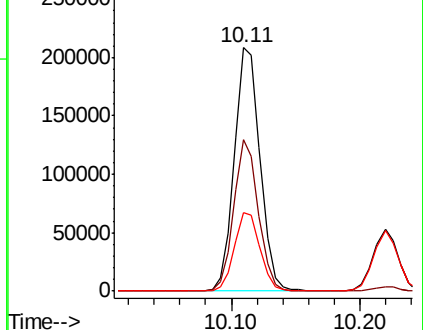
119 32.1 25.8 38.6

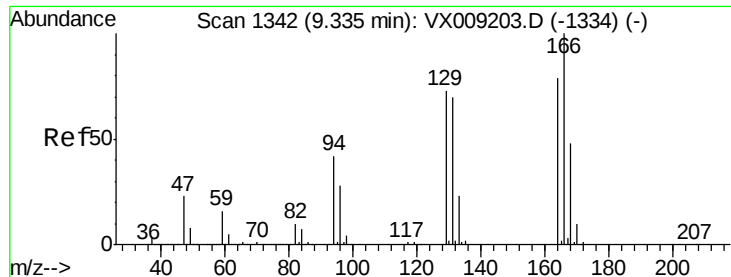


Abundance Ion 116.90 (116.60 to 117.60): VX009229.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009229.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009229.D (-1420) (-)





#64

Tetrachloroethene

Concen: 45.517 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MS

Tgt Ion:164 Resp: 90553

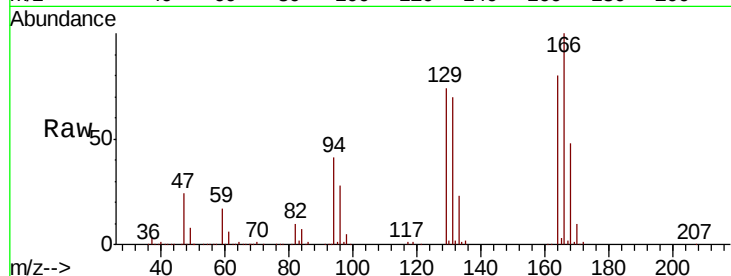
Ion Ratio Lower Upper

164 100

166 125.5 101.2 151.8

129 92.5 74.3 111.5

131 88.0 71.0 106.6



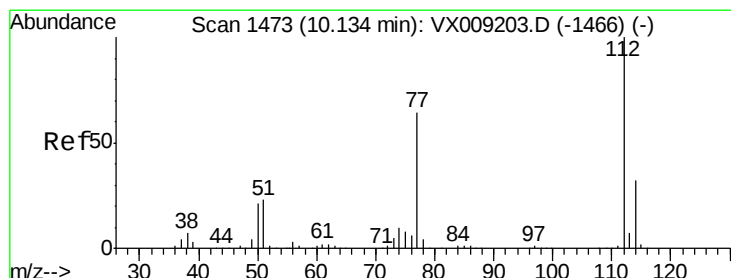
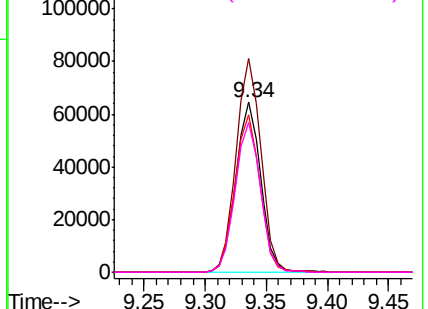
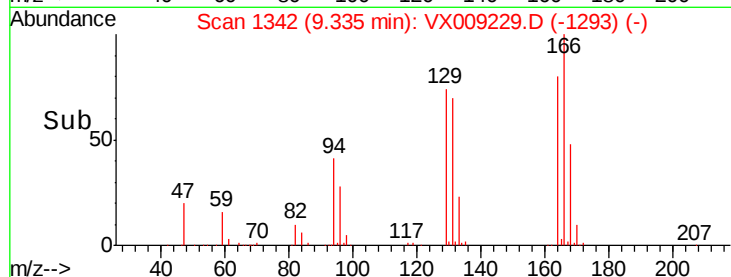
Abundance

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: 49.381 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009229.D

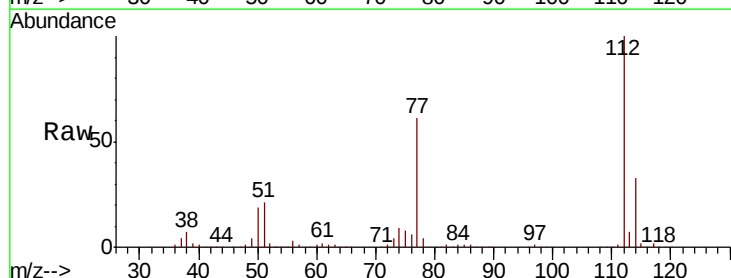
Acq: 29 Apr 2019 23:46

Tgt Ion:112 Resp: 286498

Ion Ratio Lower Upper

112 100

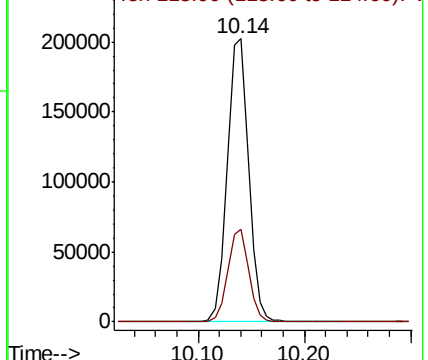
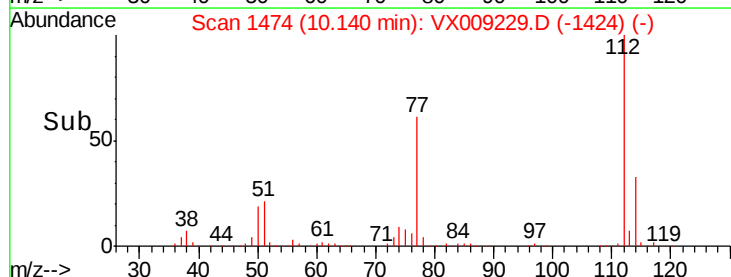
114 32.6 25.5 38.3

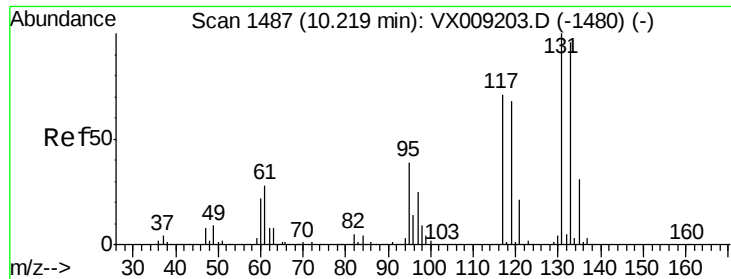


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

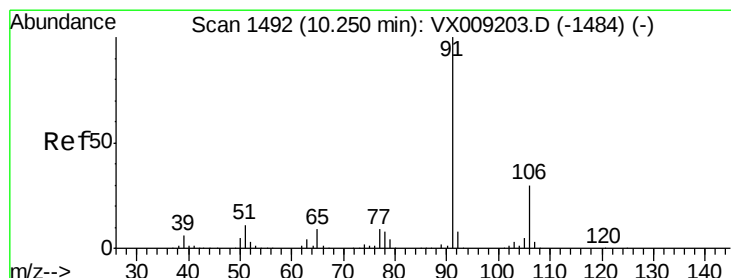
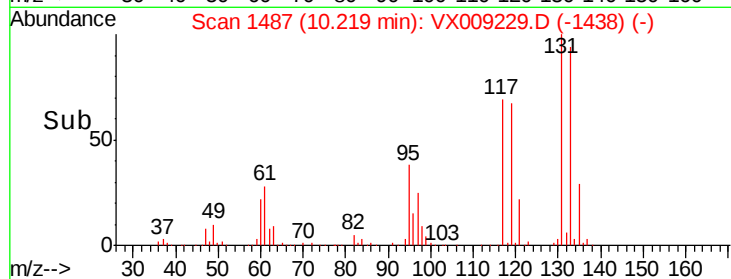
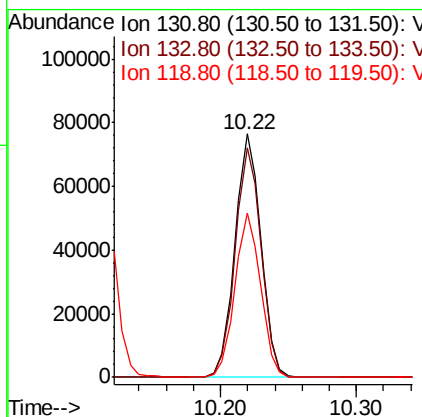
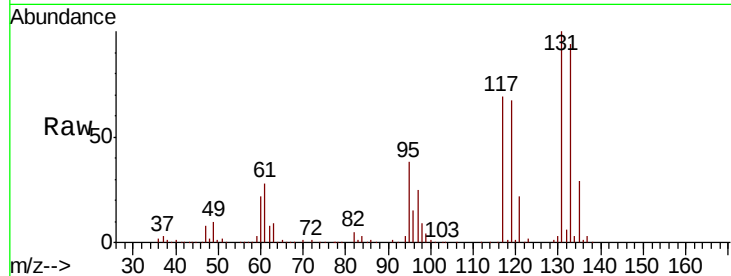




#66
 1,1,1,2-Tetrachloroethane
 Concen: 48.280 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

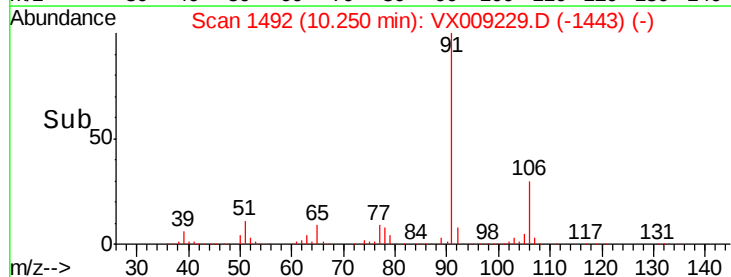
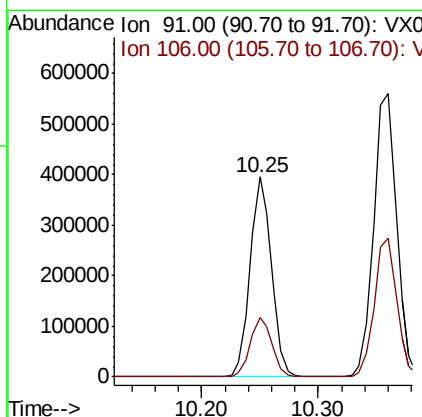
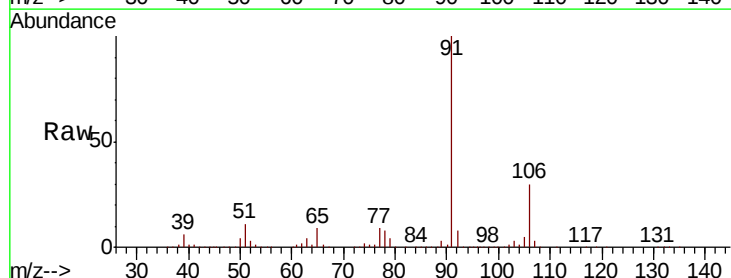
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423MS

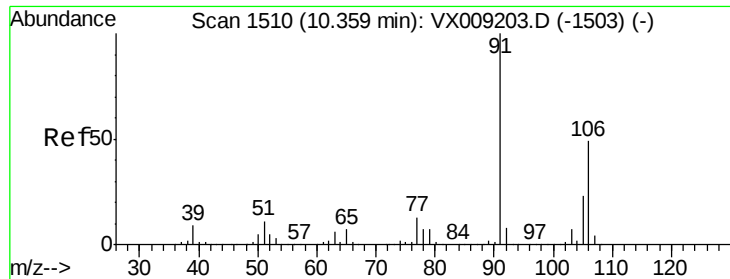
Tgt Ion: 131 Resp: 101552
 Ion Ratio Lower Upper
 131 100
 133 94.4 47.7 143.1
 119 66.8 33.5 100.4



#67
 Ethyl Benzene
 Concen: 47.703 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

Tgt Ion: 91 Resp: 509348
 Ion Ratio Lower Upper
 91 100
 106 30.0 24.0 36.0

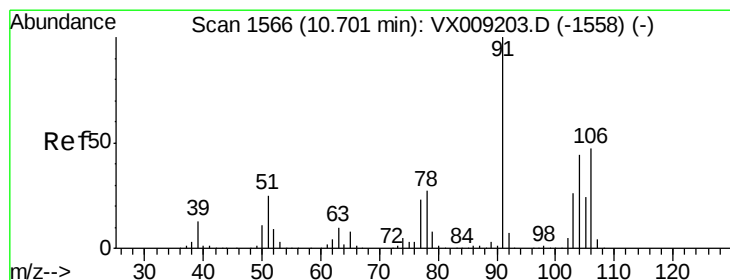
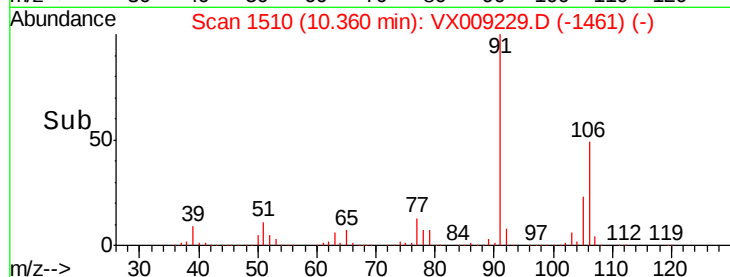
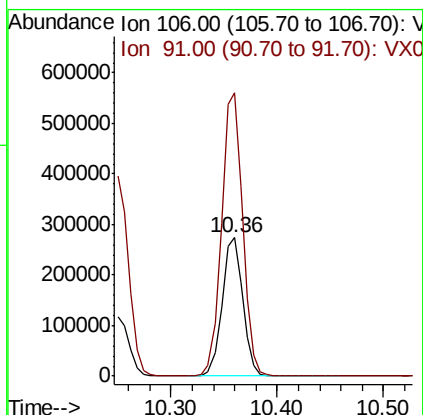
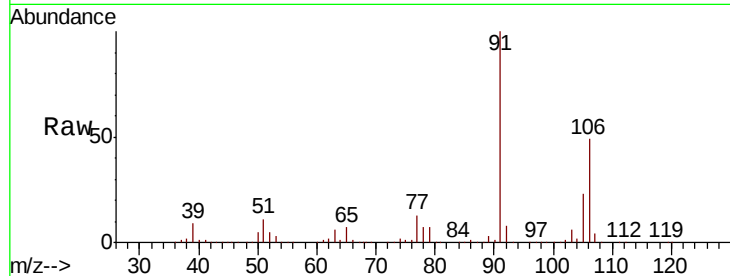




#68
m/p-Xylenes
Concen: 95.349 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009229.D
Acq: 29 Apr 2019 23:46

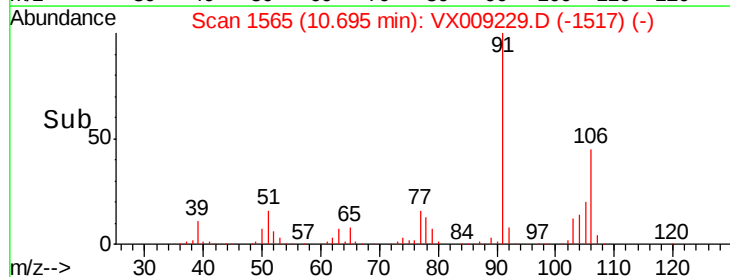
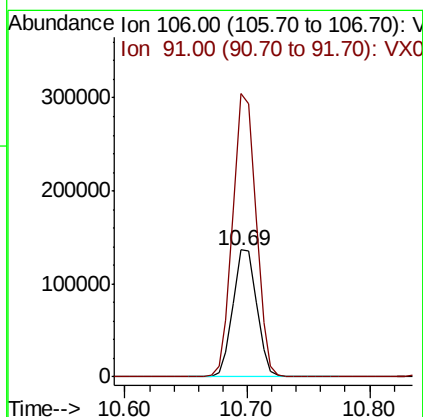
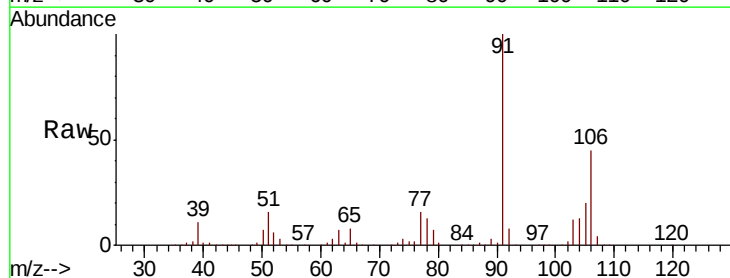
Instrument :
MSVOA_X
ClientSampleId :
WP021MW038-190423MS

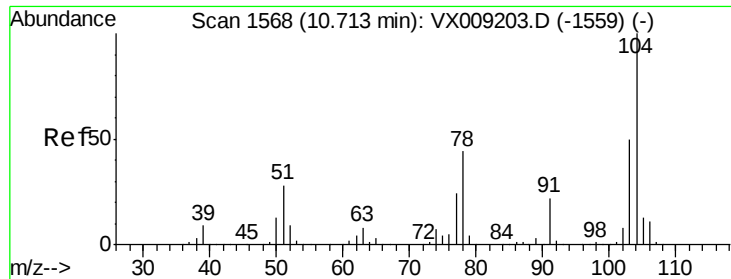
Tgt Ion:106 Resp: 372041
Ion Ratio Lower Upper
106 100
91 208.0 164.0 246.0



#69
o-Xylene
Concen: 47.817 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009229.D
Acq: 29 Apr 2019 23:46

Tgt Ion:106 Resp: 184087
Ion Ratio Lower Upper
106 100
91 217.8 109.5 328.4

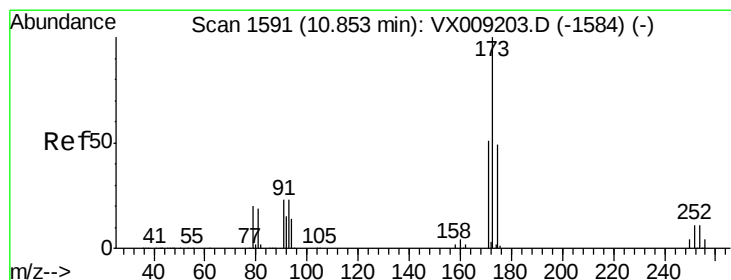
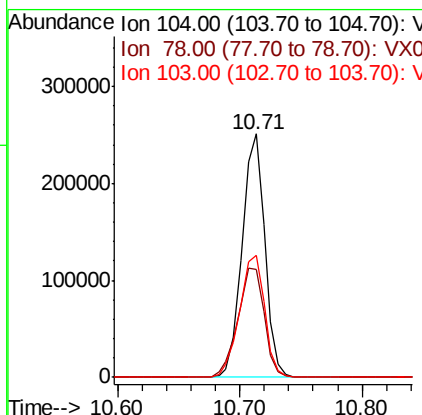
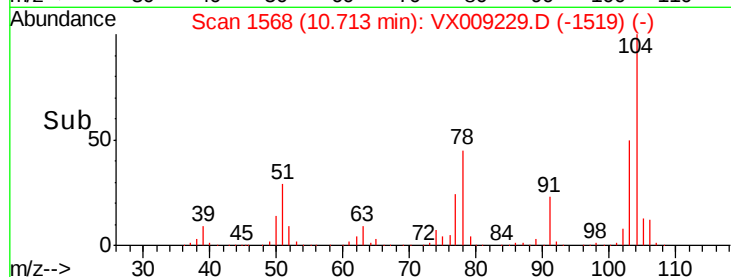
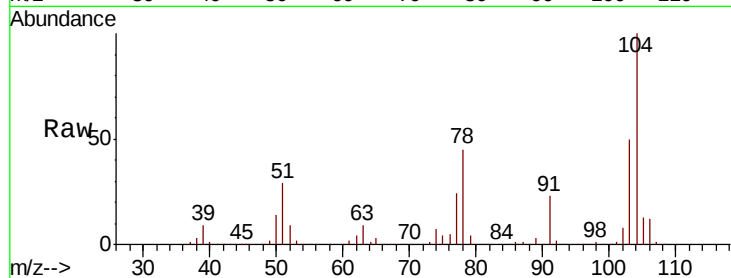




#70
Styrene
Concen: 48.227 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009229.D
Acq: 29 Apr 2019 23:46

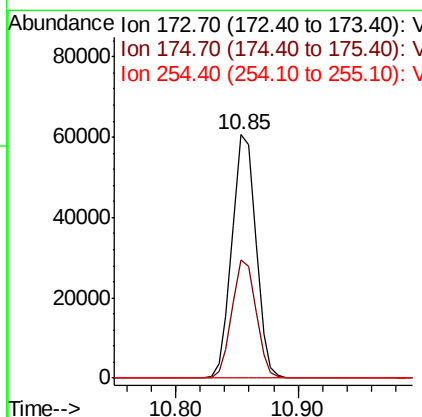
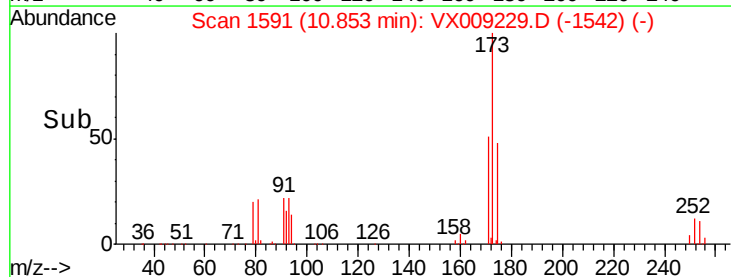
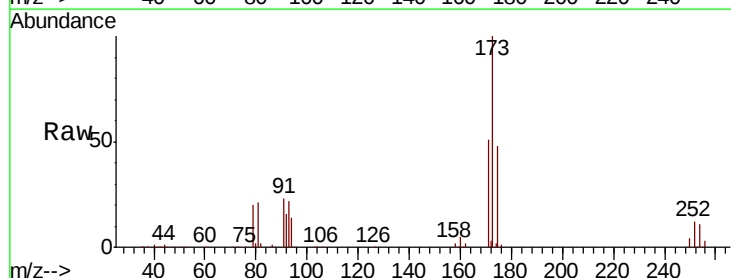
Instrument :
MSVOA_X
ClientSampleId :
WP021MW038-190423MS

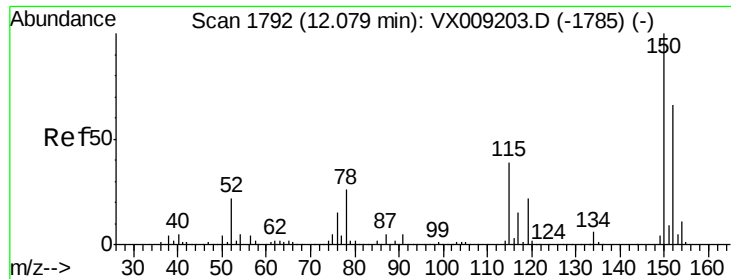
Tgt Ion:104 Resp: 322701
Ion Ratio Lower Upper
104 100
78 52.1 41.0 61.4
103 55.3 43.8 65.6



#71
Bromoform
Concen: 47.999 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX009229.D
Acq: 29 Apr 2019 23:46

Tgt Ion:173 Resp: 82046
Ion Ratio Lower Upper
173 100
175 48.7 24.5 73.5
254 0.1 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: VX009229.D

Acq: 29 Apr 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MS

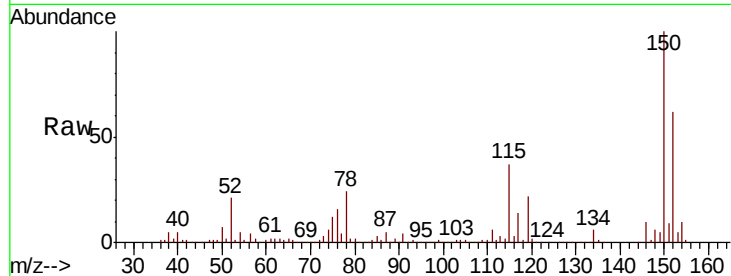
Tgt Ion:152 Resp: 141508

Ion Ratio Lower Upper

152 100

115 80.8 41.2 123.6

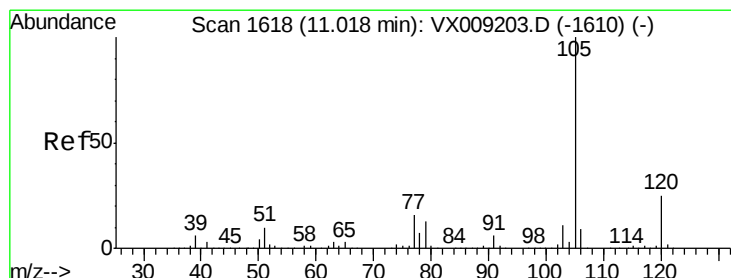
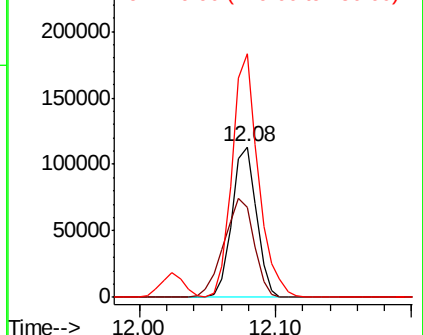
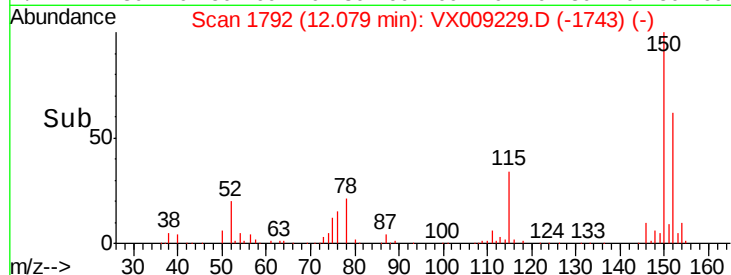
150 173.3 0.0 346.4



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: 47.438 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009229.D

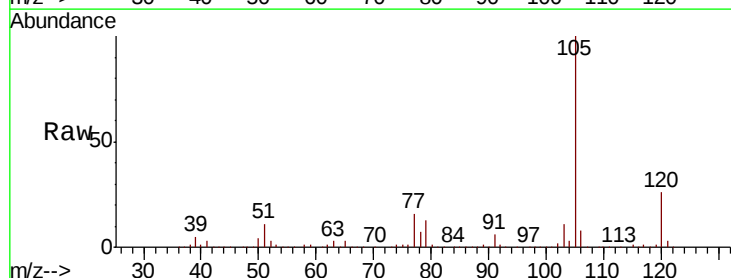
Acq: 29 Apr 2019 23:46

Tgt Ion:105 Resp: 488146

Ion Ratio Lower Upper

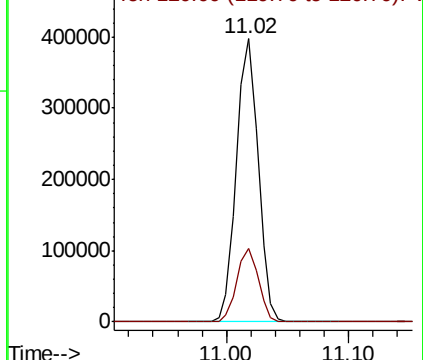
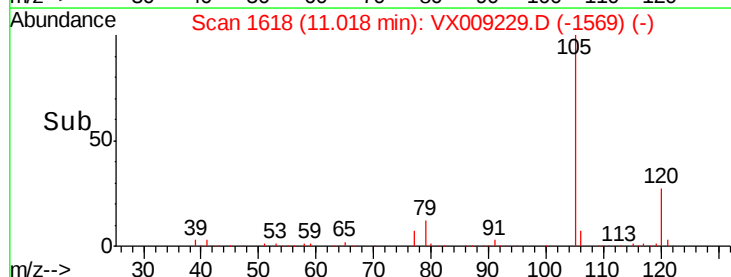
105 100

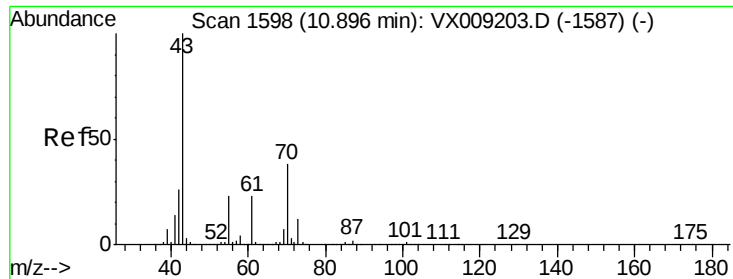
120 25.8 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 48.613 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MS

Tgt Ion: 43 Resp: 291647

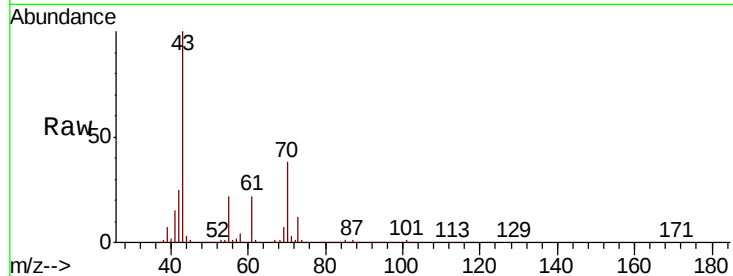
Ion Ratio Lower Upper

43 100

70 37.2 30.0 45.0

55 22.3 17.9 26.9

61 22.6 18.4 27.6

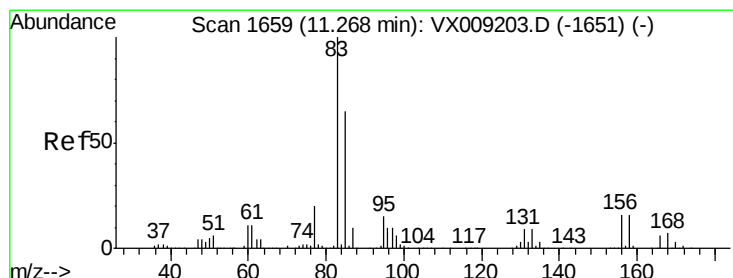
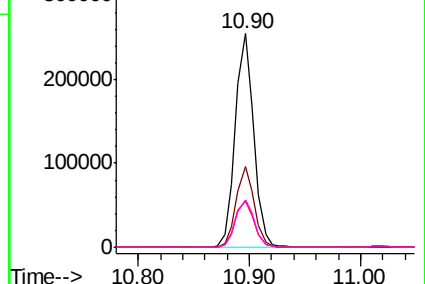
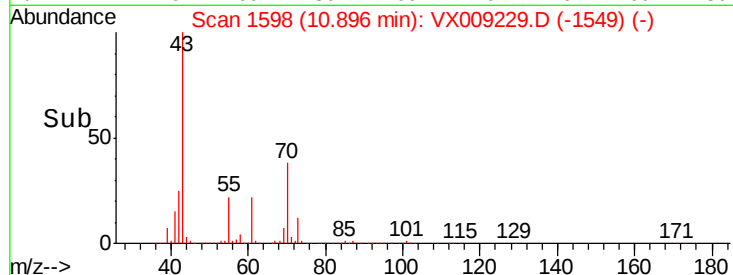


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.618 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

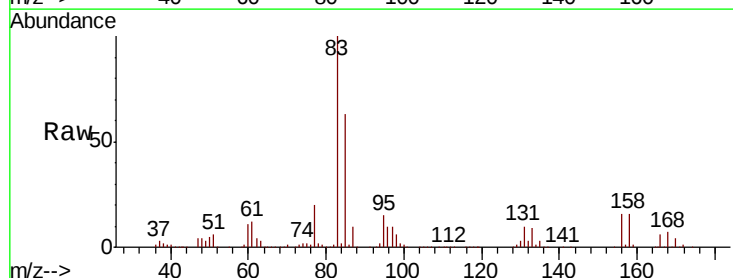
Tgt Ion: 83 Resp: 186501

Ion Ratio Lower Upper

83 100

131 9.3 4.6 13.8

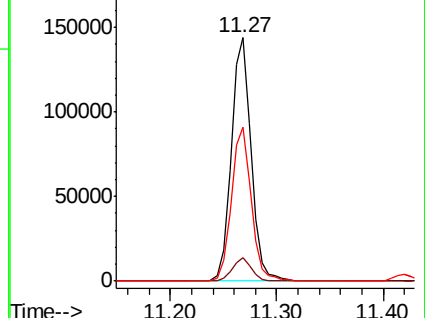
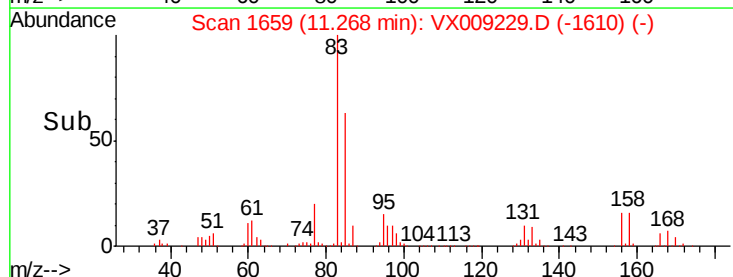
85 63.6 32.0 96.2

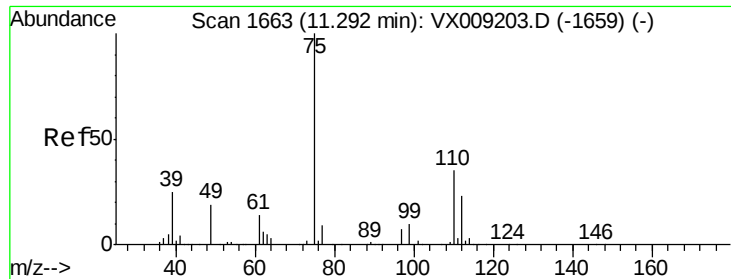


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

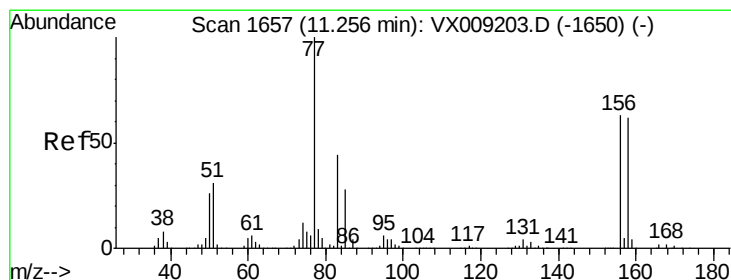
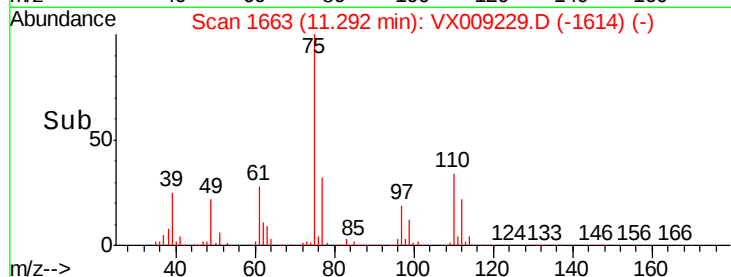
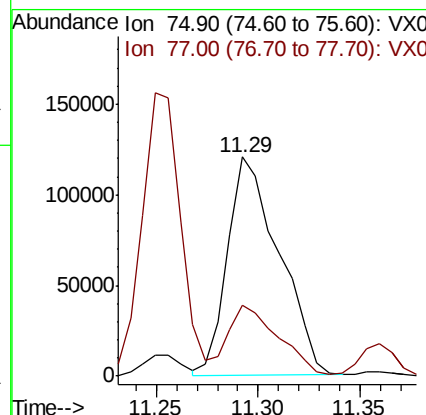
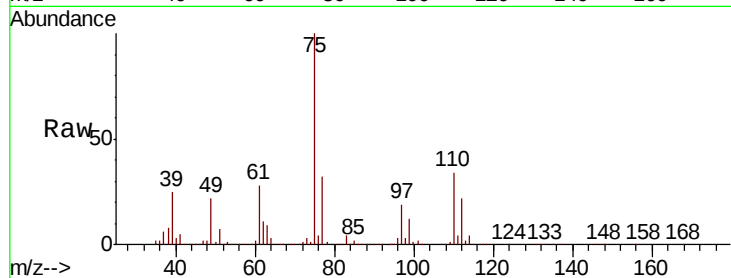




#76
 1,2,3-Trichloropropane
 Concen: 64.313 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

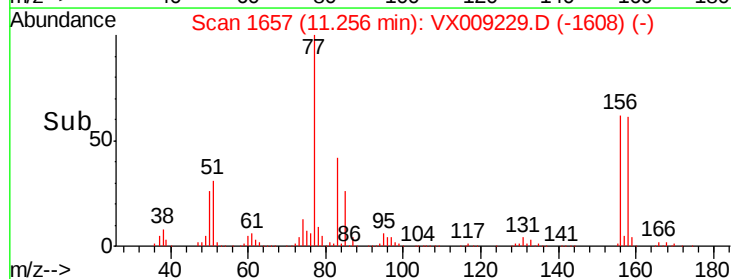
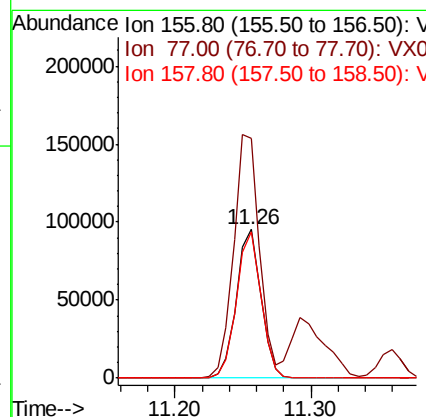
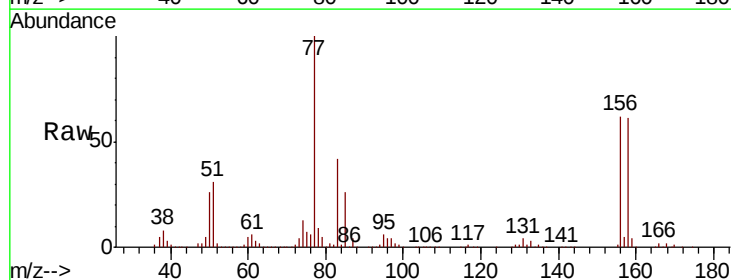
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423MS

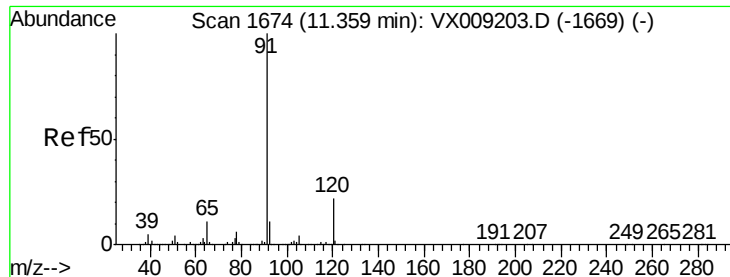
Tgt Ion: 75 Resp: 211105
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.1 66.1



#77
 Bromobenzene
 Concen: 47.157 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

Tgt Ion: 156 Resp: 120444
 Ion Ratio Lower Upper
 156 100
 77 170.0 84.8 254.3
 158 97.8 49.1 147.3





#78

n-propylbenzene

Concen: 47.682 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

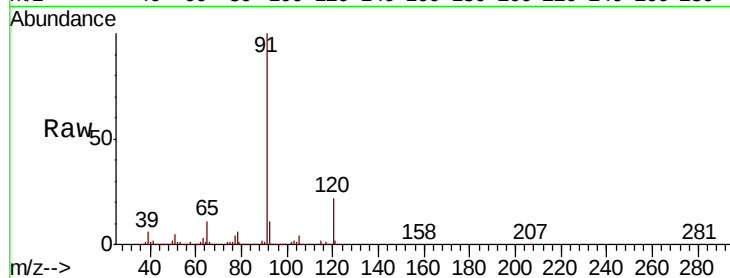
WP021MW038-190423MS

Tgt Ion: 91 Resp: 560363

Ion Ratio Lower Upper

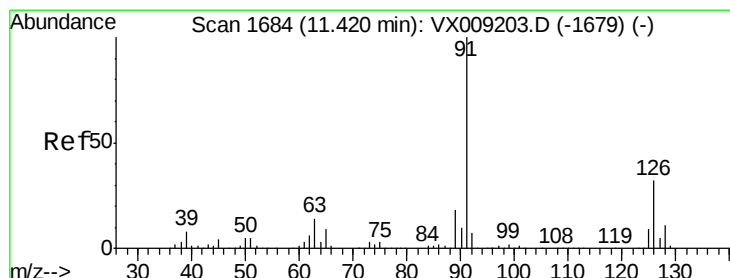
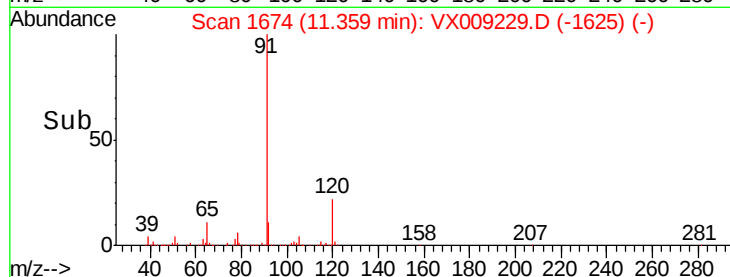
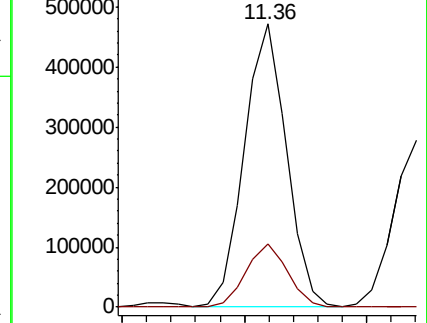
91 100

120 22.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 46.337 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009229.D

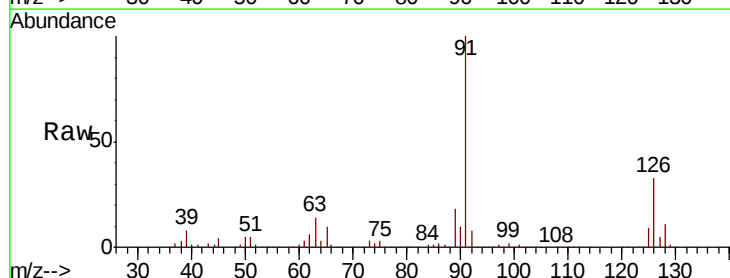
Acq: 29 Apr 2019 23:46

Tgt Ion: 91 Resp: 335960

Ion Ratio Lower Upper

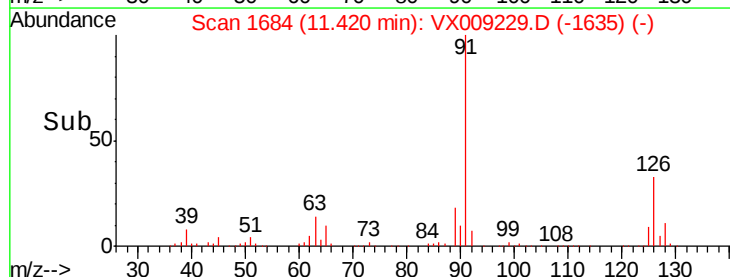
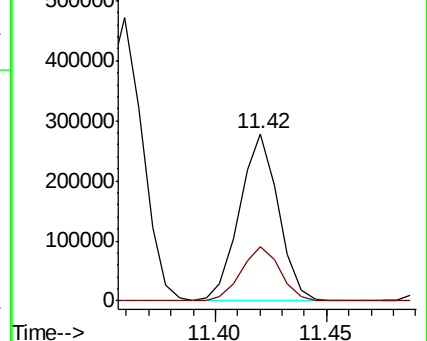
91 100

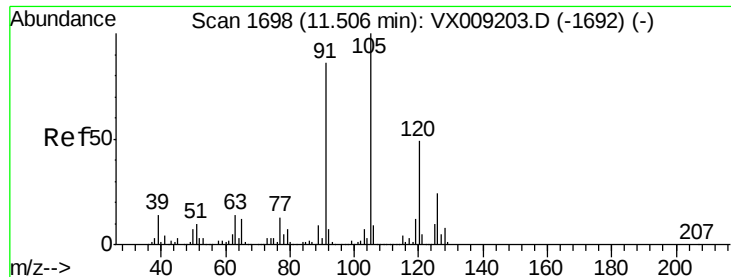
126 33.0 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

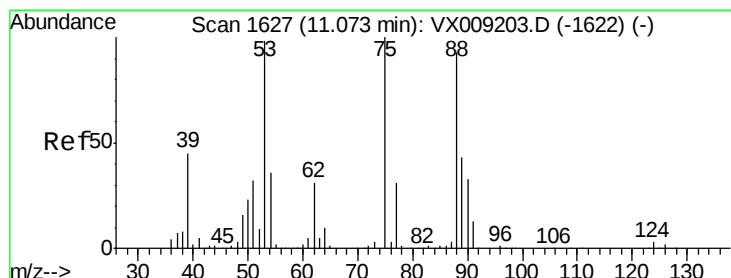
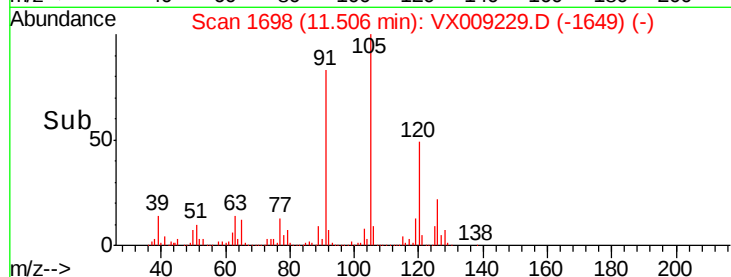
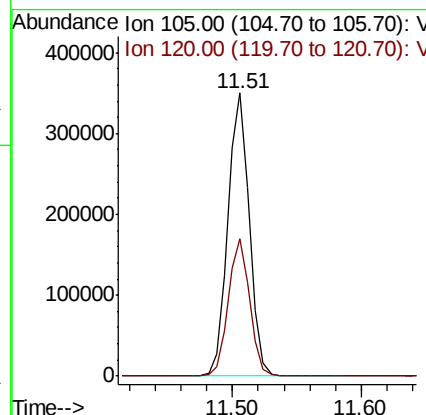
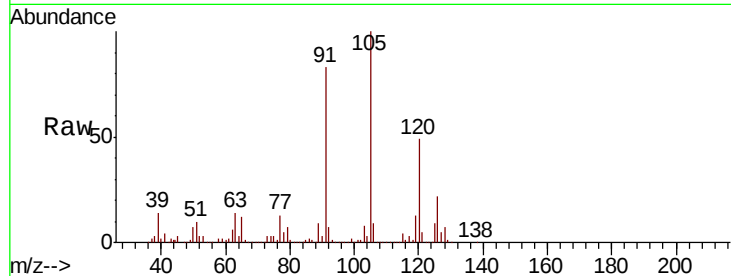




#80
 1,3,5-Trimethylbenzene
 Concen: 47.397 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

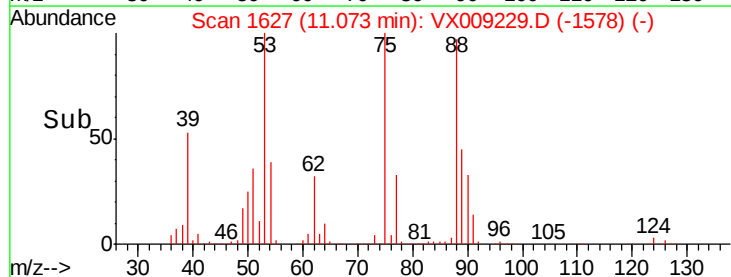
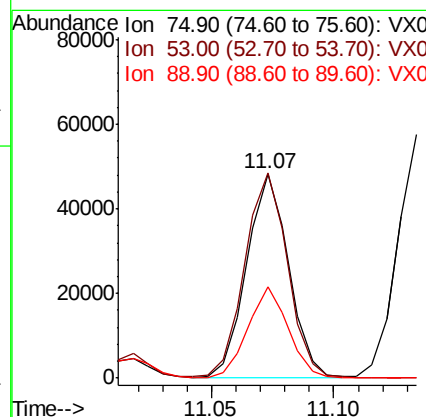
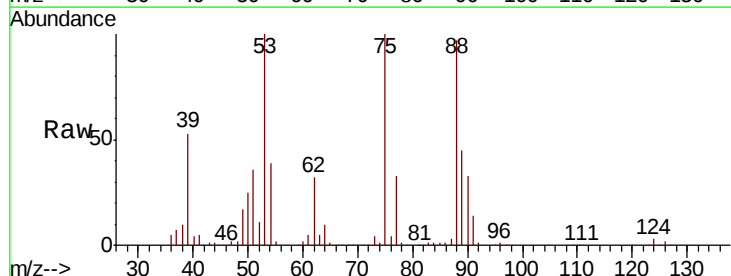
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423MS

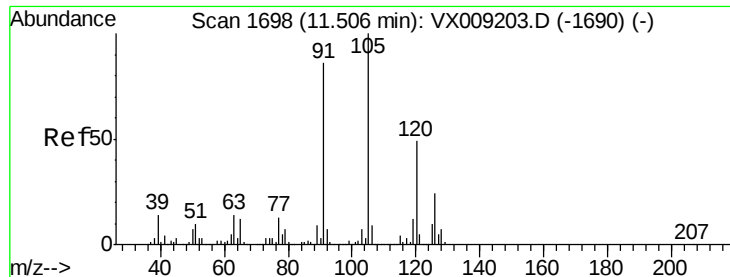
Tgt Ion:105 Resp: 410669
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.703 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

Tgt Ion: 75 Resp: 57349
 Ion Ratio Lower Upper
 75 100
 53 102.4 79.0 118.6
 89 43.3 34.7 52.1

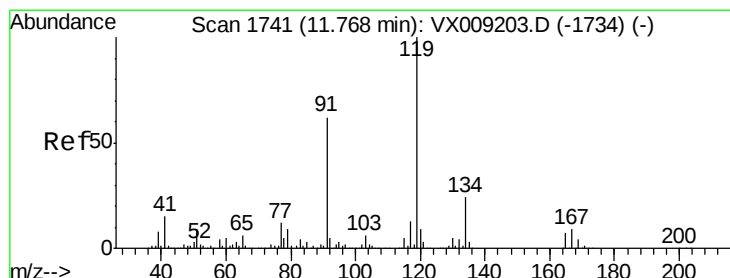
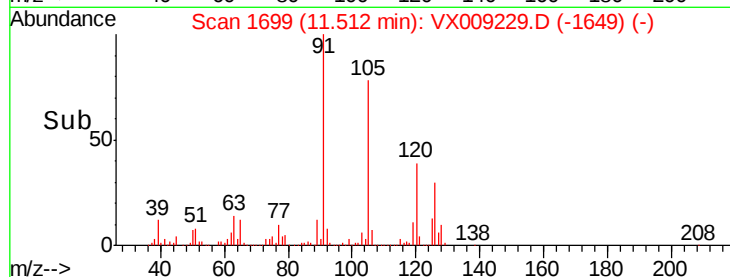
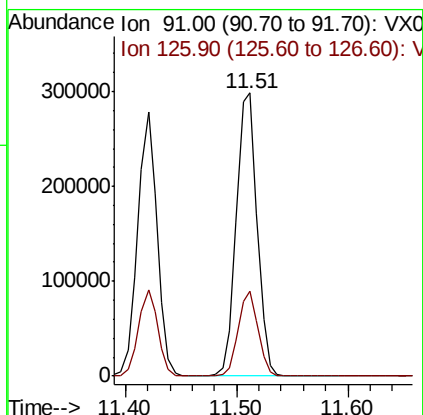
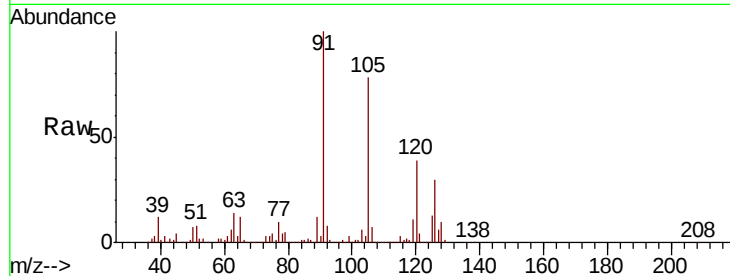




#82
4-Chlorotoluene
Concen: 47.121 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX009229.D
Acq: 29 Apr 2019 23:46

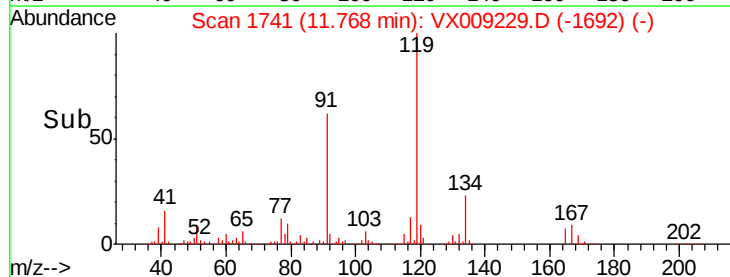
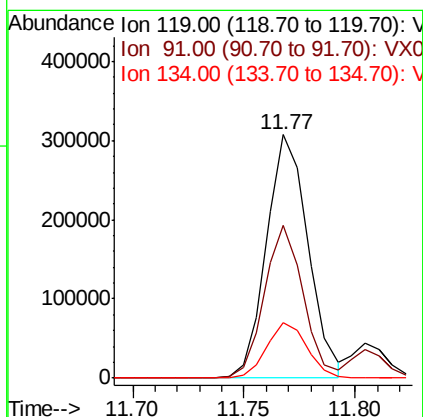
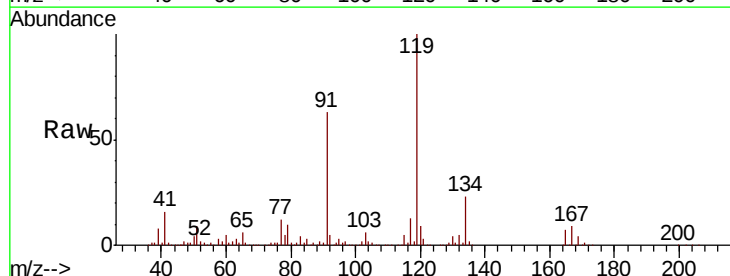
Instrument :
MSVOA_X
ClientSampleId :
WP021MW038-190423MS

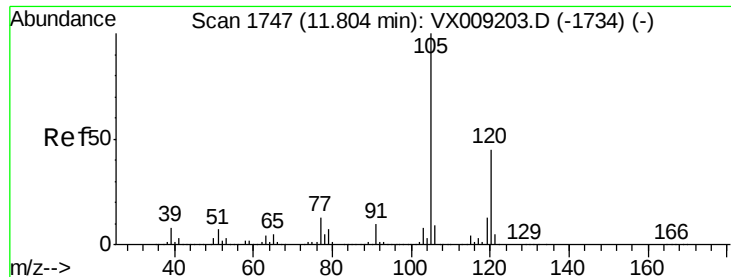
Tgt Ion: 91 Resp: 385967
Ion Ratio Lower Upper
91 100
126 28.8 14.5 43.6



#83
tert-Butylbenzene
Concen: 47.354 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009229.D
Acq: 29 Apr 2019 23:46

Tgt Ion: 119 Resp: 399137
Ion Ratio Lower Upper
119 100
91 58.7 29.5 88.5
134 22.3 11.4 34.1

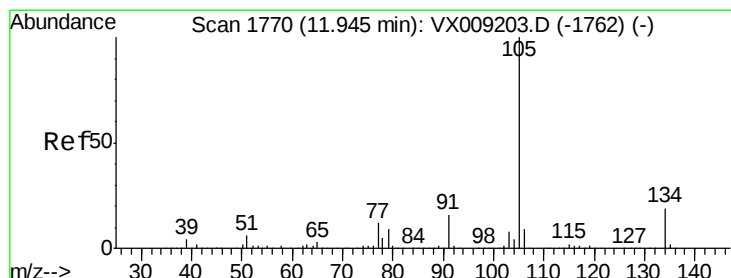
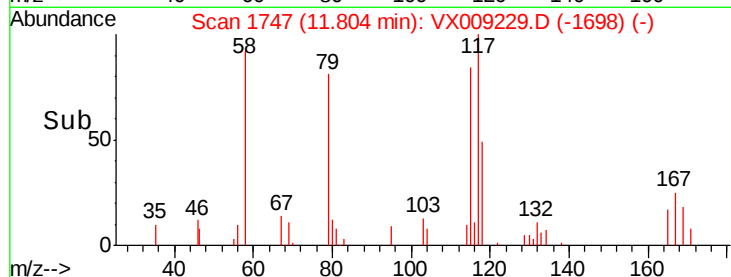
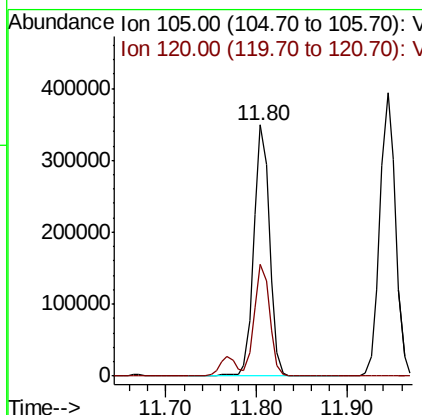
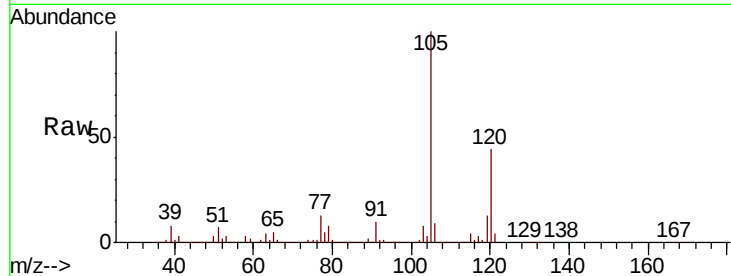




#84
 1,2,4-Trimethylbenzene
 Concen: 48.003 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

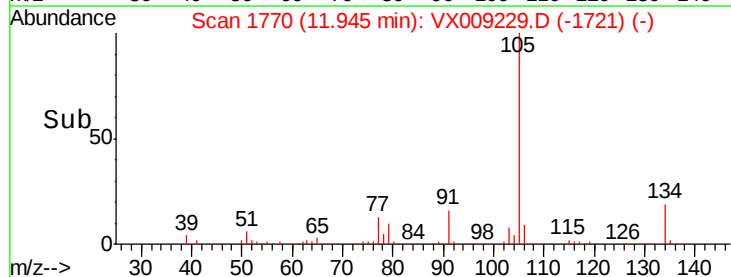
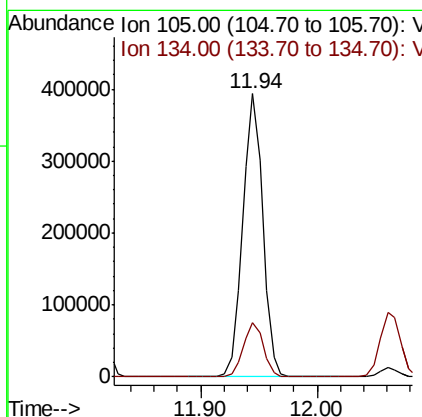
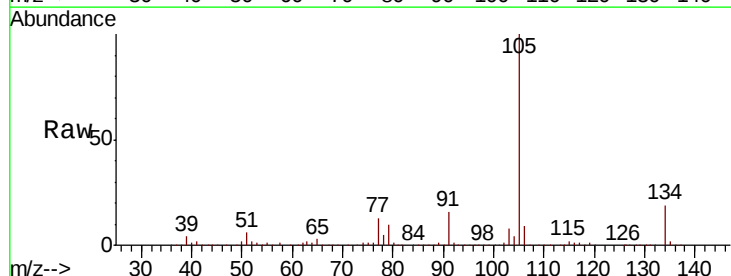
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423MS

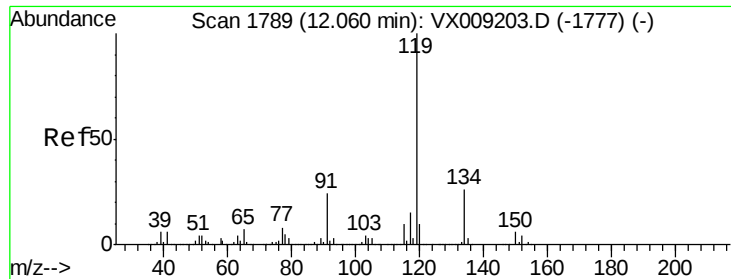
Tgt Ion:105 Resp: 417480
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 47.241 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

Tgt Ion:105 Resp: 472071
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 28.9

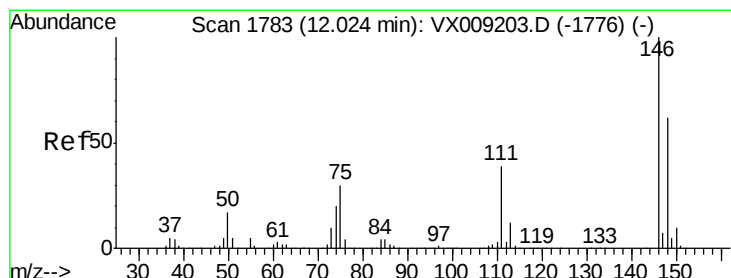
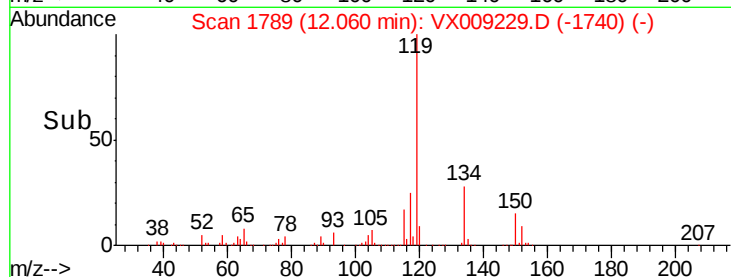
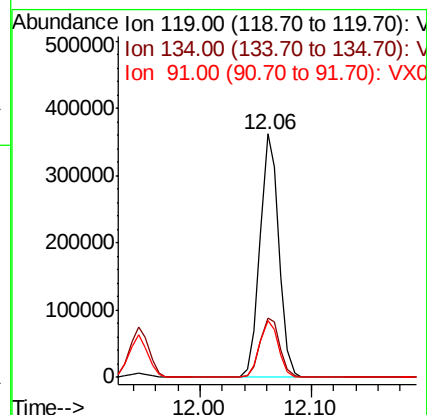
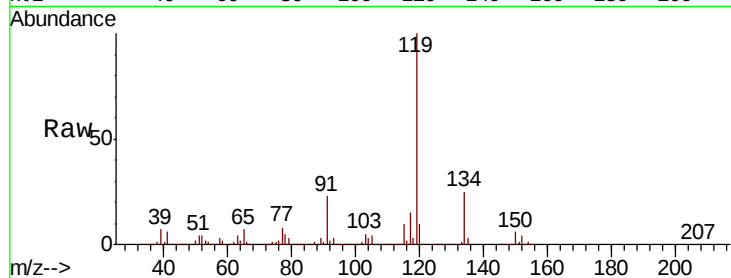




#86
 p-Isopropyltoluene
 Concen: 47.576 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

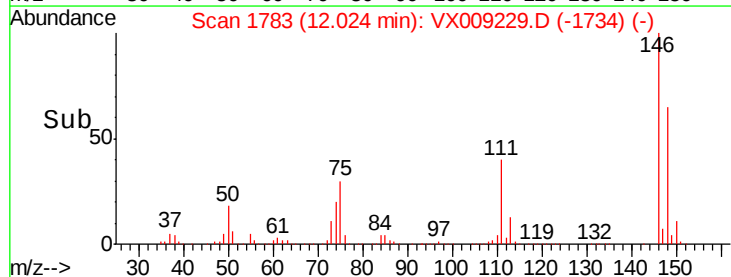
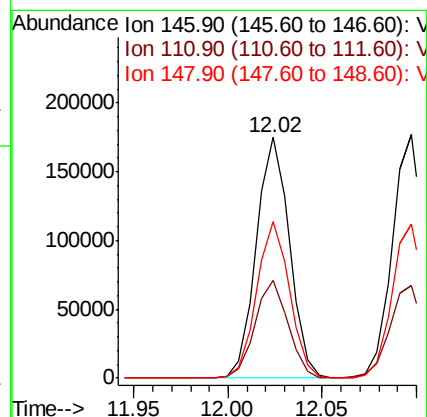
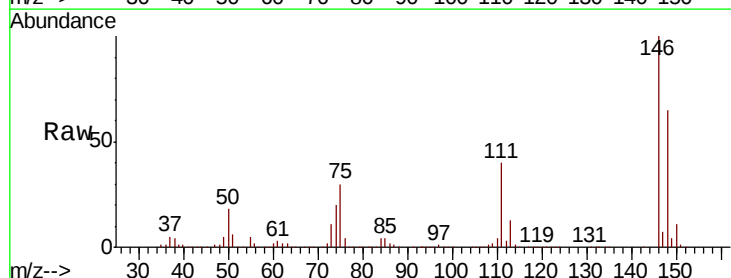
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423MS

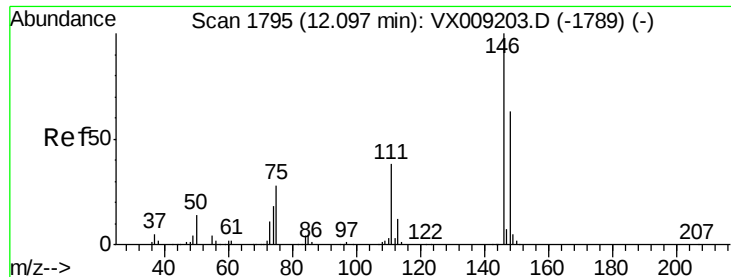
Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.9	38.7
91	23.5	11.8	35.4



#87
 1,3-Dichlorobenzene
 Concen: 46.891 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.0	59.9
148	64.6	31.8	95.3

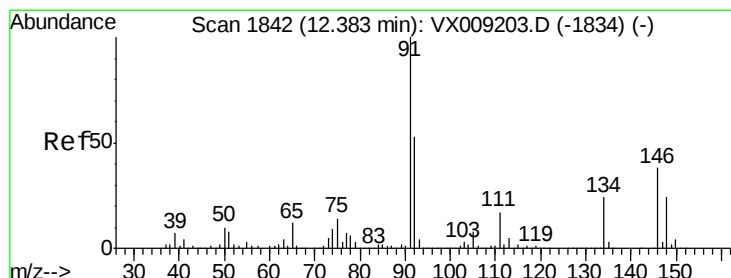
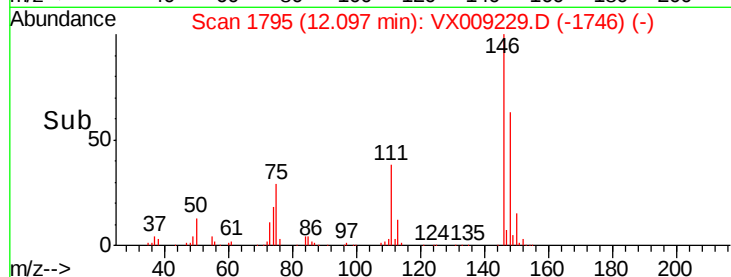
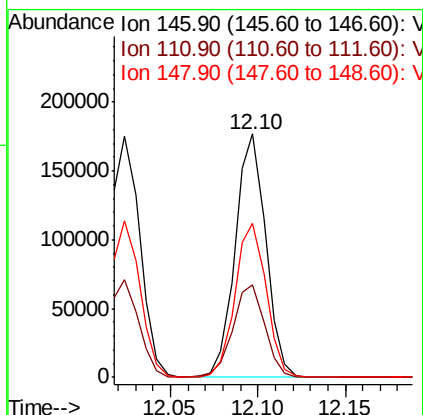
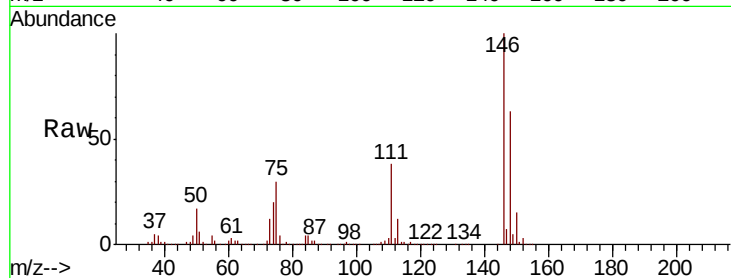




#88
 1,4-Dichlorobenzene
 Concen: 46.709 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

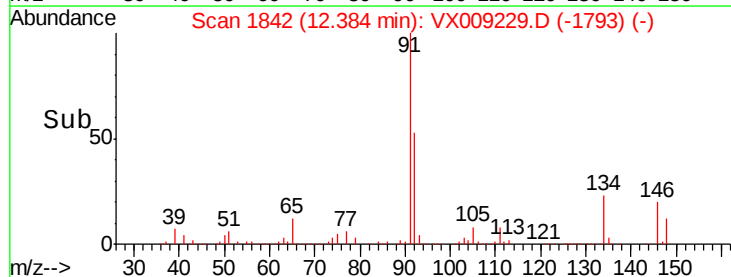
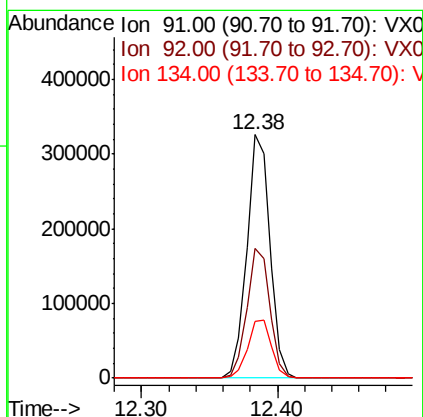
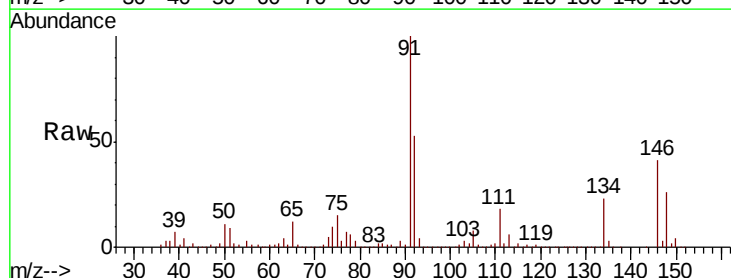
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423MS

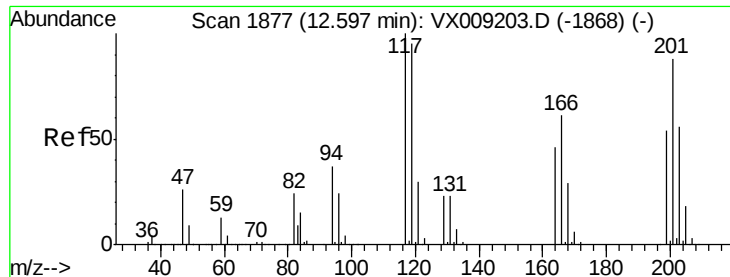
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.6	58.8
148	64.8	31.8	95.3



#89
 n-Butylbenzene
 Concen: 47.654 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.5	79.5
134	24.7	12.4	37.2





#90

Hexachloroethane

Concen: 47.688 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

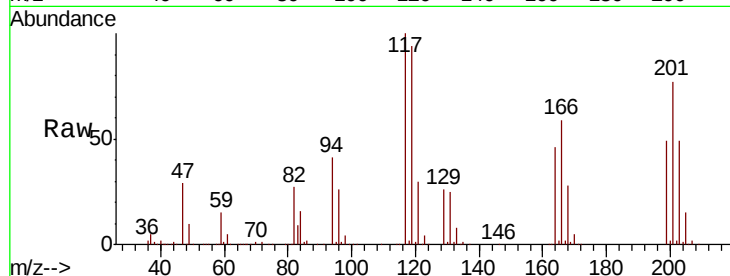
WP021MW038-190423MS

Tgt Ion:117 Resp: 72987

Ion Ratio Lower Upper

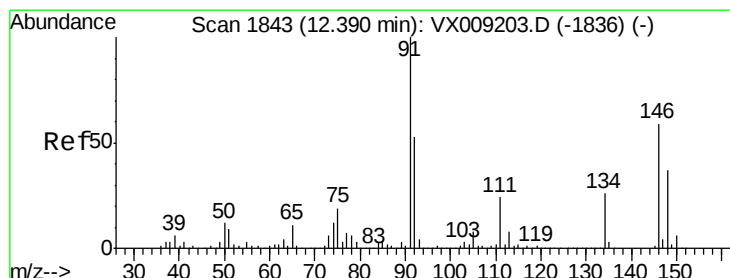
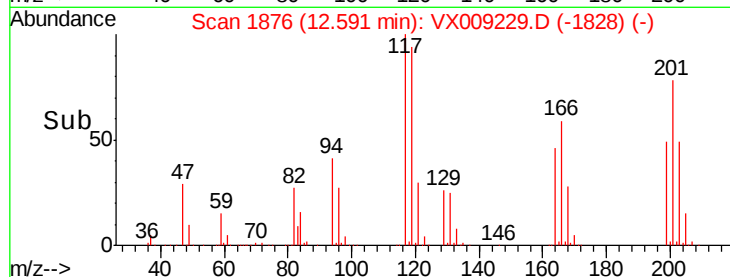
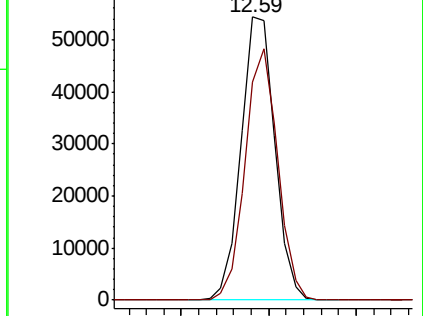
117 100

201 85.7 42.3 126.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 47.432 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

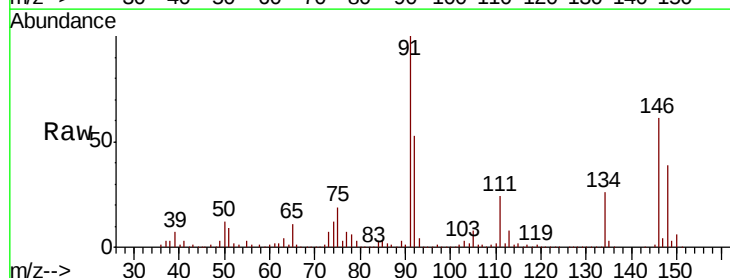
Tgt Ion:146 Resp: 219971

Ion Ratio Lower Upper

146 100

111 41.2 20.8 62.4

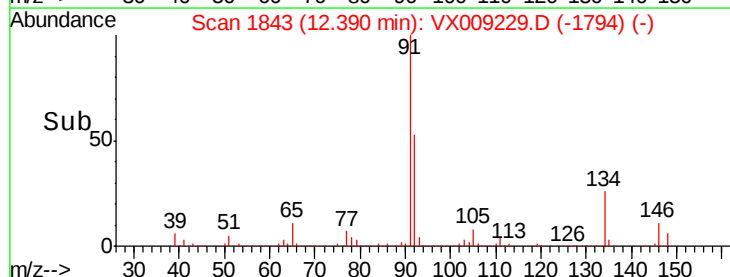
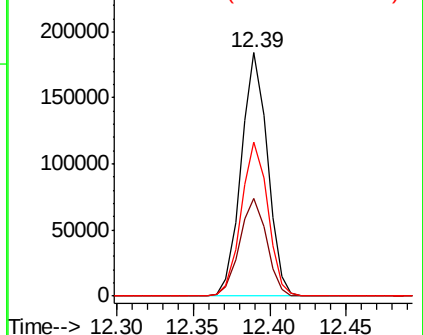
148 64.0 31.9 95.9

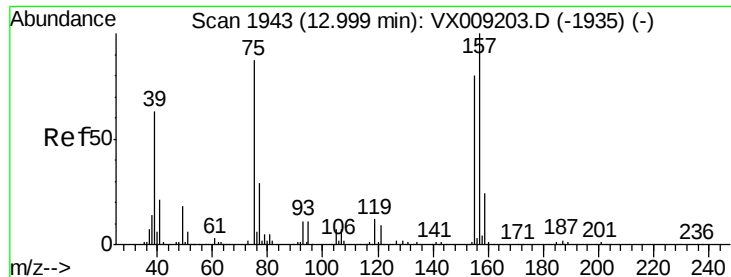


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 49.453 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MS

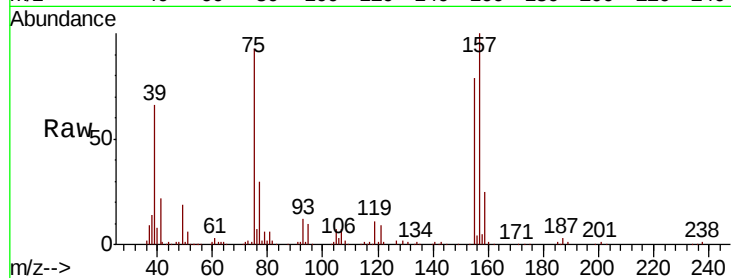
Tgt Ion: 75 Resp: 42556

Ion Ratio Lower Upper

75 100

155 80.8 42.0 126.0

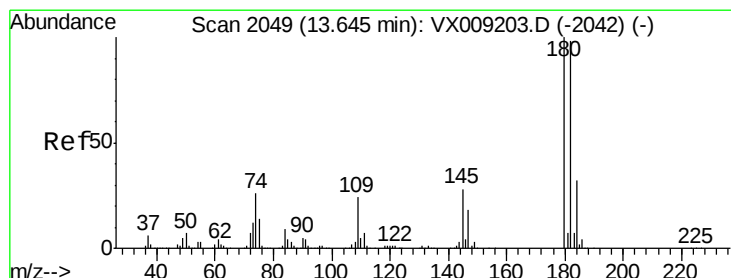
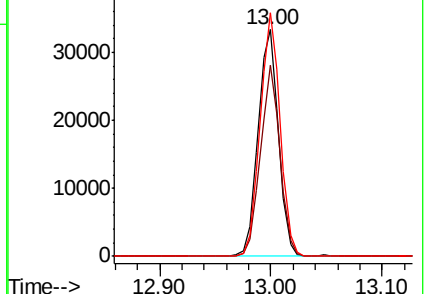
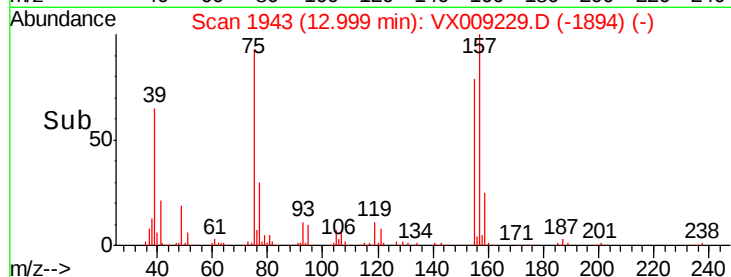
157 105.6 53.2 159.6



Abundance Ion 74.90 (74.60 to 75.60): VX009229.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX009229.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX009229.D (-1894) (-)



#93

1,2,4-Trichlorobenzene

Concen: 48.255 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

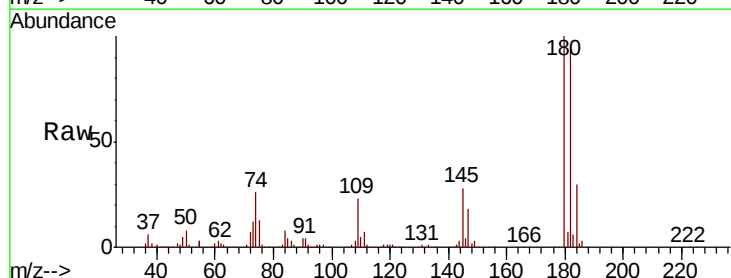
Tgt Ion: 180 Resp: 153031

Ion Ratio Lower Upper

180 100

182 94.7 48.4 145.2

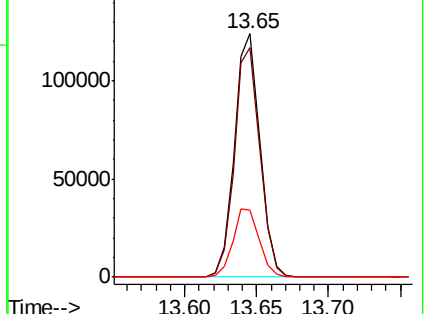
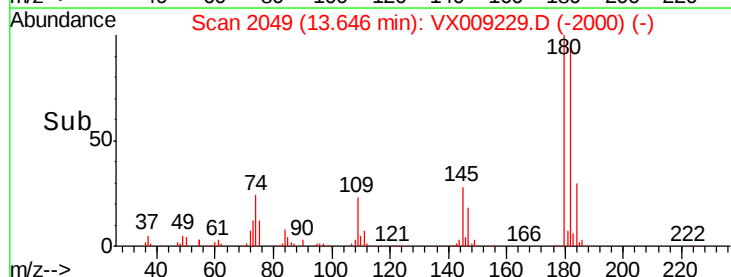
145 29.3 14.6 43.8

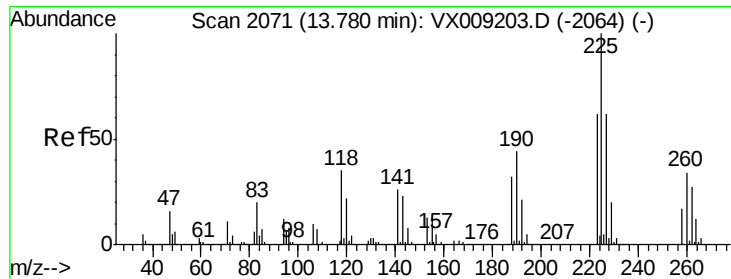


Abundance Ion 179.80 (179.50 to 180.50): VX009229.D (-2000) (-)

Ion 181.80 (181.50 to 182.50): VX009229.D (-2000) (-)

Ion 144.80 (144.50 to 145.50): VX009229.D (-2000) (-)





#94

Hexachlorobutadiene

Concen: 45.732 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423MS

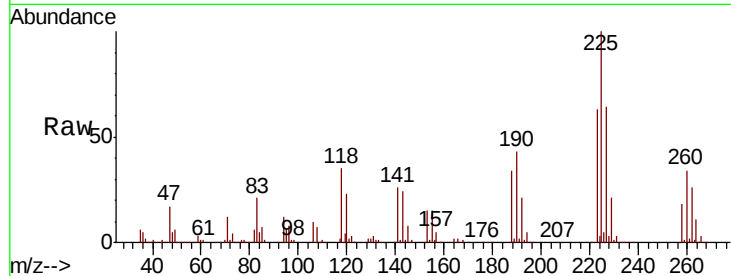
Tgt Ion:225 Resp: 74062

Ion Ratio Lower Upper

225 100

223 62.7 31.3 93.8

227 65.0 31.8 95.3

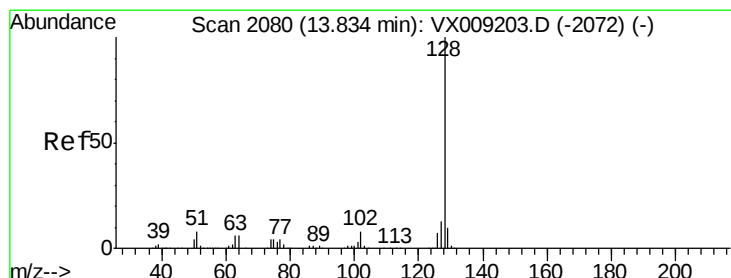
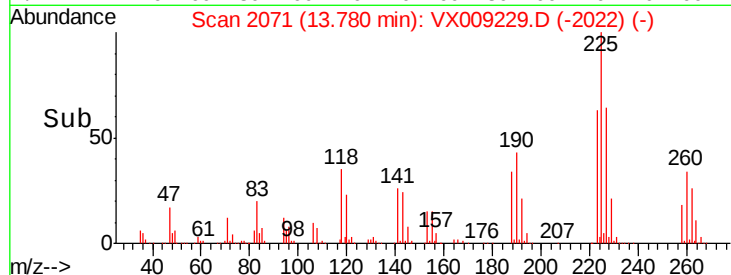
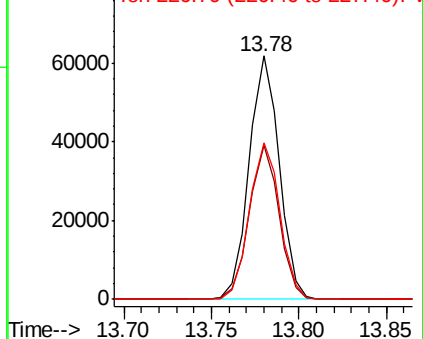


Abundance

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: 49.134 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009229.D

Acq: 29 Apr 2019 23:46

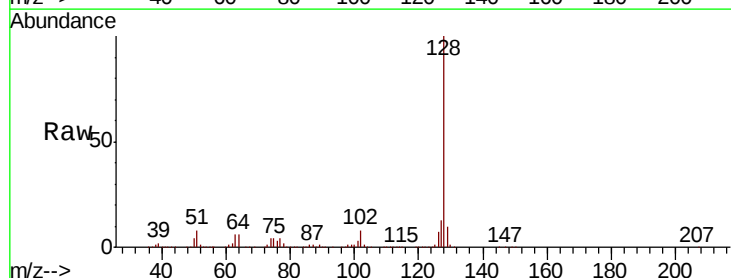
Tgt Ion:128 Resp: 506950

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.7 8.6 13.0

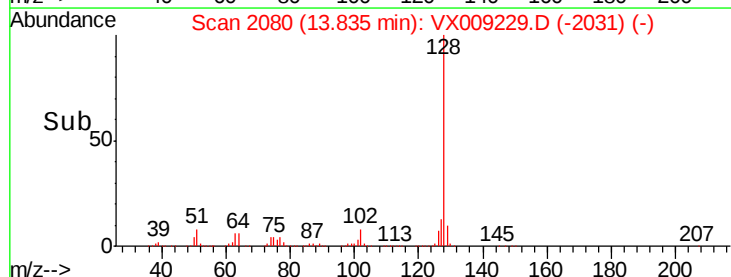
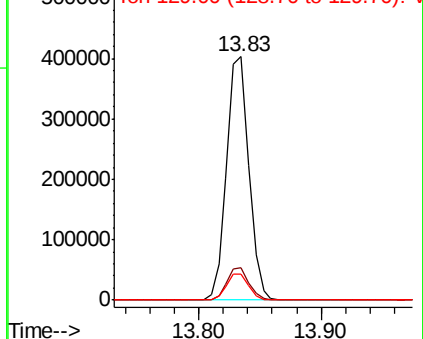


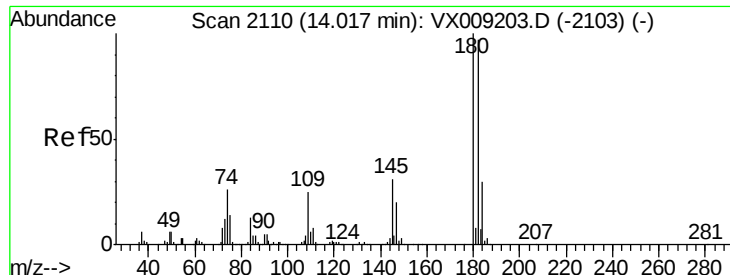
Abundance

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: 47.946 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX009229.D
 Acq: 29 Apr 2019 23:46

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423MS

Tgt Ion:	180	Resp:	154130
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.8	143.4
145	31.9	15.4	46.4

