

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032619\
 Data File : VX008465.D
 Acq On : 26 Mar 2019 19:31
 Operator : JC/SP
 Sample : K2088-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-104MSD

Quant Time: Mar 27 01:54:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	192281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	326357	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	288419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	138255	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	137600	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
35) Dibromofluoromethane	5.50	113	102373	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
50) Toluene-d8	8.71	98	402259	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
62) 4-Bromofluorobenzene	11.13	95	150294	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	100208	44.213	ug/l	98
3) Chloromethane	1.32	50	123013	42.917	ug/l	98
4) Vinyl Chloride	1.40	62	138964	43.912	ug/l	98
5) Bromomethane	1.64	94	1076	2.432	ug/l	89
6) Chloroethane	1.71	64	84876	45.274	ug/l	99
7) Trichlorofluoromethane	1.92	101	160014	44.646	ug/l	98
8) Diethyl Ether	2.18	74	75298	44.393	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	99854	46.100	ug/l	99
10) Methyl Iodide	2.51	142	503	4.348	ug/l #	94
11) Tert butyl alcohol	3.05	59	151626	234.771	ug/l	100
12) 1,1-Dichloroethene	2.37	96	100822	45.071	ug/l	94
13) Acrolein	2.29	56	12454	26.554	ug/l	87
14) Allyl chloride	2.73	41	109010	22.119	ug/l	89
15) Acrylonitrile	3.14	53	389335	229.896	ug/l	100
16) Acetone	2.44	43	368194	241.668	ug/l	99
17) Carbon Disulfide	2.57	76	299172	46.587	ug/l	99
18) Methyl Acetate	2.77	43	240768	65.799	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	381771	47.360	ug/l	98
20) Methylene Chloride	2.85	84	121871	48.999	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	108069	48.475	ug/l	99
22) Diisopropyl ether	3.85	45	453039	46.686	ug/l	96
23) Vinyl Acetate	3.81	43	1705032	201.393	ug/l	100
24) 1,1-Dichloroethane	3.70	63	225554	46.040	ug/l	99
25) 2-Butanone	4.67	43	572344	234.324	ug/l	100
26) 2,2-Dichloropropane	4.58	77	132246	40.585	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	126040	46.077	ug/l	98
28) Bromochloromethane	5.01	49	115307	47.640	ug/l	99
29) Tetrahydrofuran	5.13	42	372528	231.412	ug/l	100
30) Chloroform	5.21	83	206479	46.701	ug/l	98
31) Cyclohexane	5.58	56	212389	45.455	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	166406	47.086	ug/l	99
36) 1,1-Dichloropropene	5.80	75	158129	45.443	ug/l	99
37) Ethyl Acetate	4.83	43	207320	45.991	ug/l	99
38) Carbon Tetrachloride	5.79	117	136459	46.991	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	189291	45.519	ug/l	99
40) Benzene	6.14	78	484808	46.539	ug/l	99
41) Methacrylonitrile	5.04	41	123663	48.815	ug/l	99
42) 1,2-Dichloroethane	6.19	62	173331	45.445	ug/l	100
43) Isopropyl Acetate	6.45	43	341636	47.381	ug/l	100
44) Trichloroethene	7.21	130	112086	45.825	ug/l	100
45) 1,2-Dichloropropane	7.51	63	138358	46.727	ug/l	100
46) Dibromomethane	7.66	93	79695	46.091	ug/l	99
47) Bromodichloromethane	7.90	83	160539	48.507	ug/l	97
48) Methyl methacrylate	7.77	41	179663	49.799	ug/l	99
49) 1,4-Dioxane	7.74	88	63244	881.634	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1156201	246.883	ug/l	100
52) Toluene	8.78	92	294541	47.287	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	50201	13.848	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	5287	1.283	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	118801	46.854	ug/l	99
56) Ethyl methacrylate	9.18	69	218807	47.807	ug/l	99
57) 1,3-Dichloropropane	9.37	76	211540	46.533	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	572265	241.884	ug/l	99
59) 2-Hexanone	9.49	43	905407	249.506	ug/l	99
60) Dibromochloromethane	9.58	129	115211	47.779	ug/l	99
61) 1,2-Dibromoethane	9.67	107	120879	46.715	ug/l	99
64) Tetrachloroethene	9.34	164	99786	51.104	ug/l	98
65) Chlorobenzene	10.14	112	296781	47.317	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	104673	48.370	ug/l	99
67) Ethyl Benzene	10.25	91	561211	47.409	ug/l	100
68) m/p-Xylenes	10.36	106	406568	94.409	ug/l	100
69) o-Xylene	10.70	106	201850	48.300	ug/l	99
70) Styrene	10.71	104	350844	48.601	ug/l	100
71) Bromoform	10.85	173	84625	49.518	ug/l	100
73) Isopropylbenzene	11.02	105	521885	46.399	ug/l	100
74) N-amyl acetate	10.90	43	293124	45.025	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	203649	46.665	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	170260	41.424	ug/l	82
77) Bromobenzene	11.26	156	125239	45.878	ug/l	99
78) n-propylbenzene	11.36	91	619425	47.012	ug/l	100
79) 2-Chlorotoluene	11.42	91	369596	46.118	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	446319	46.936	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.02	75	6176	4.813	ug/l #	60
82) 4-Chlorotoluene	11.51	91	426260	46.111	ug/l	100
83) tert-Butylbenzene	11.77	119	411187	44.819	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	441679	45.922	ug/l	100
85) sec-Butylbenzene	11.94	105	502755	46.017	ug/l	99
86) p-Isopropyltoluene	12.06	119	451250	46.808	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	223879	45.901	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	224681	45.645	ug/l	100
89) n-Butylbenzene	12.38	91	424118	46.441	ug/l	100
90) Hexachloroethane	12.60	117	72668	45.246	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	227204	46.517	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46602	48.974	ug/l	99

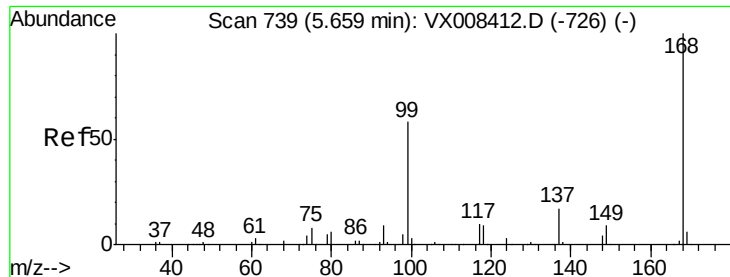
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032619\
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Quant Title : SW846 8260
QLast Update : Tue Mar 26 07:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	155222	47.203	ug/l	99
94) Hexachlorobutadiene	13.78	225	70433	45.108	ug/l	99
95) Naphthalene	13.83	128	538811	47.792	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	158252	47.892	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. -0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

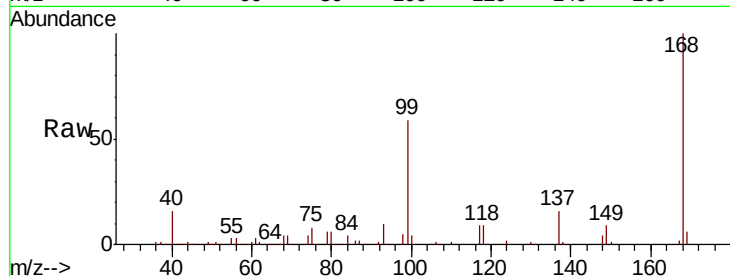
MW-104MSD

Tot Ion:168 Resp: 192281

Ion Ratio Lower Upper

168 100

99 59.1 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

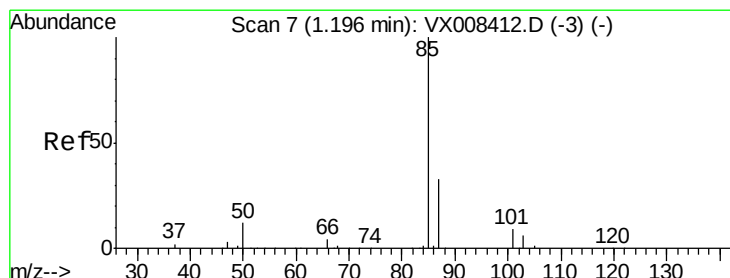
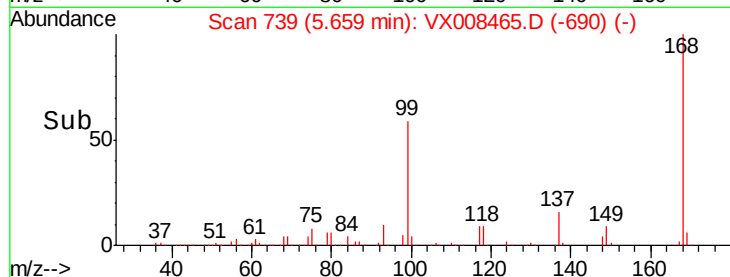
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.213 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008465.D

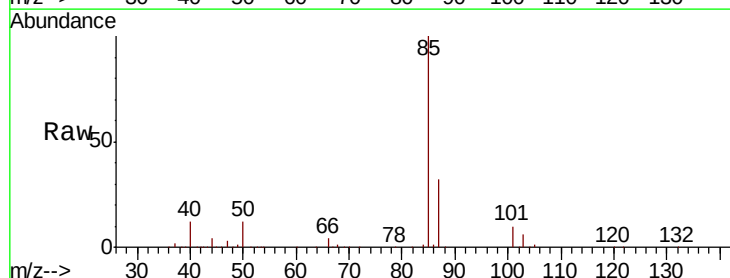
Acq: 26 Mar 2019 19:31

Tgt Ion: 85 Resp: 100208

Ion Ratio Lower Upper

85 100

87 31.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

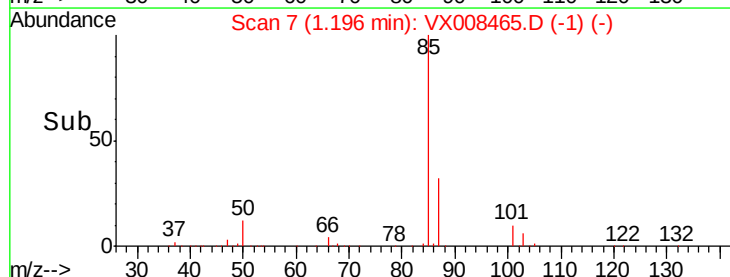
40000

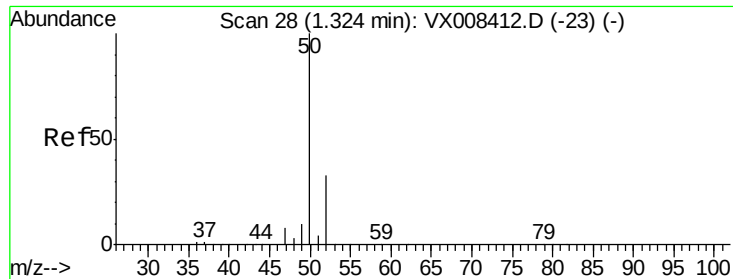
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 42.917 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

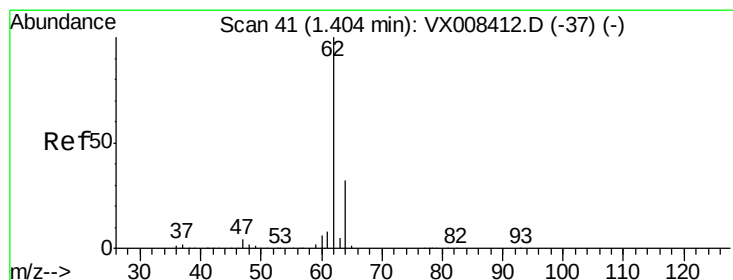
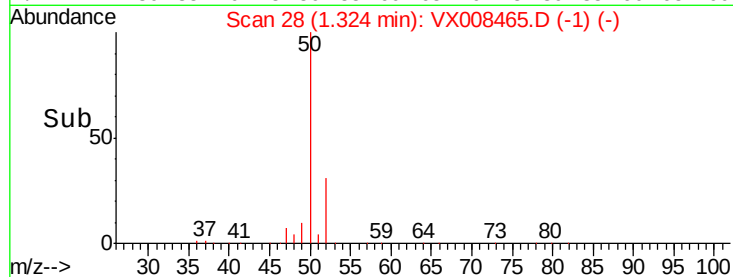
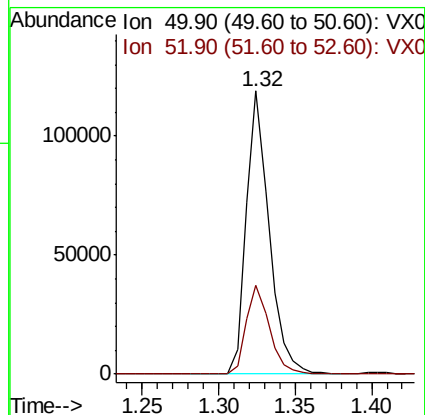
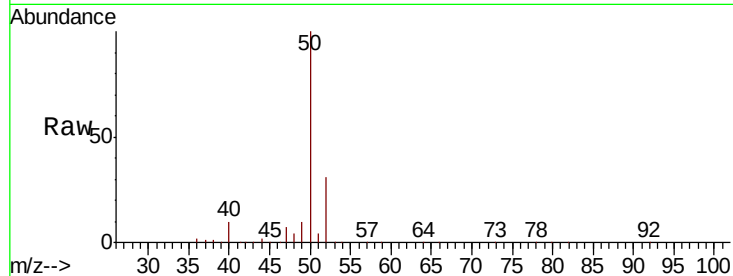
MW-104MSD

Tot Ion: 50 Resp: 123013

Ion Ratio Lower Upper

50 100

52 31.4 26.2 39.2



#4

Vinyl Chloride

Concen: 43.912 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008465.D

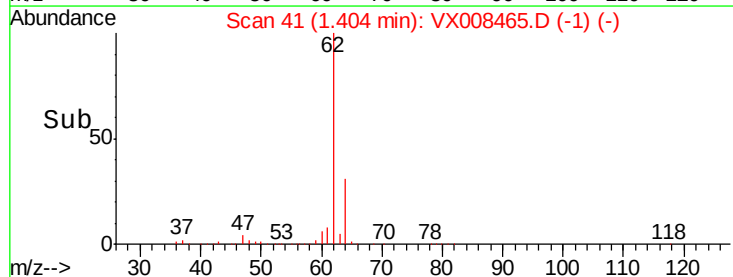
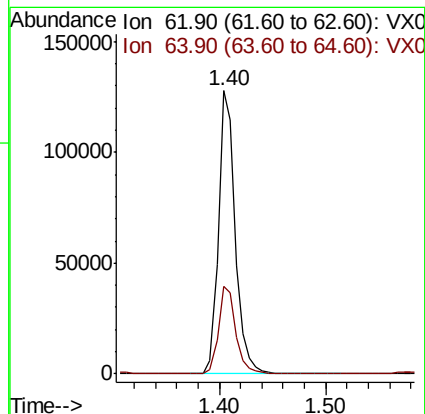
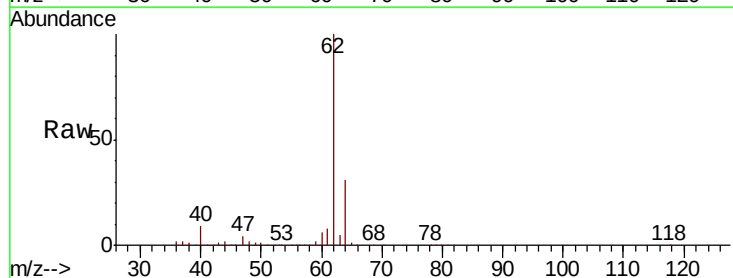
Acq: 26 Mar 2019 19:31

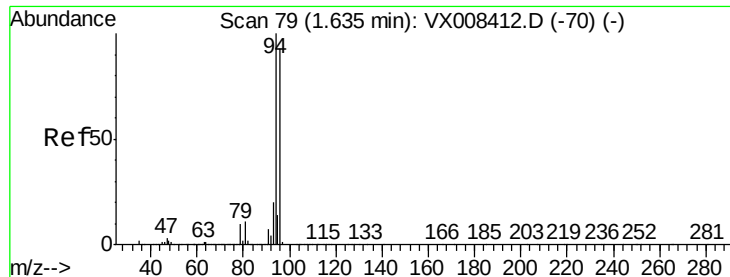
Tgt Ion: 62 Resp: 138964

Ion Ratio Lower Upper

62 100

64 30.8 25.5 38.3





#5

Bromomethane

Concen: 2.432 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

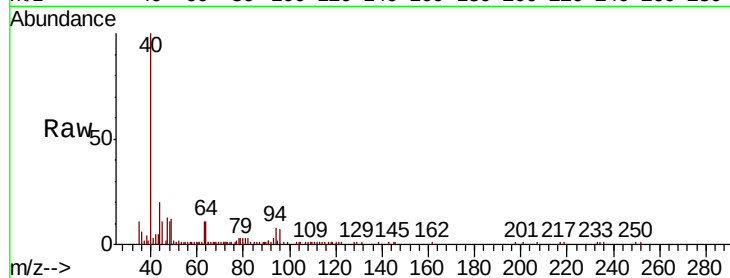
MW-104MSD

Tot Ion: 94 Resp: 1076

Ion Ratio Lower Upper

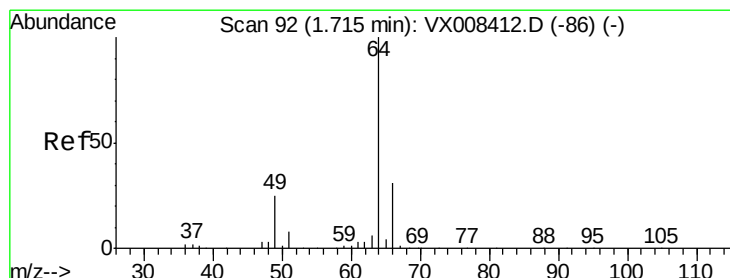
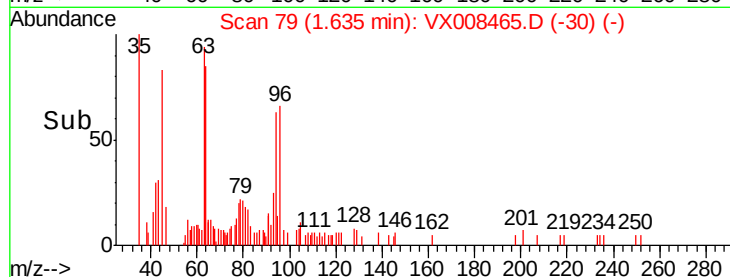
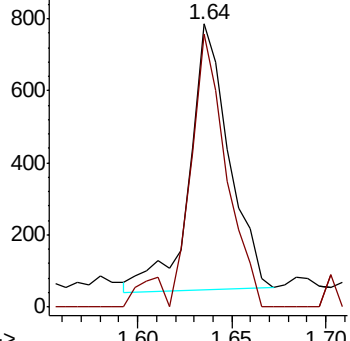
94 100

96 103.8 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.274 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX008465.D

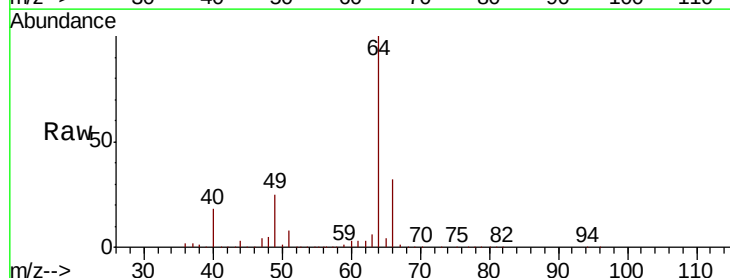
Acq: 26 Mar 2019 19:31

Tgt Ion: 64 Resp: 84876

Ion Ratio Lower Upper

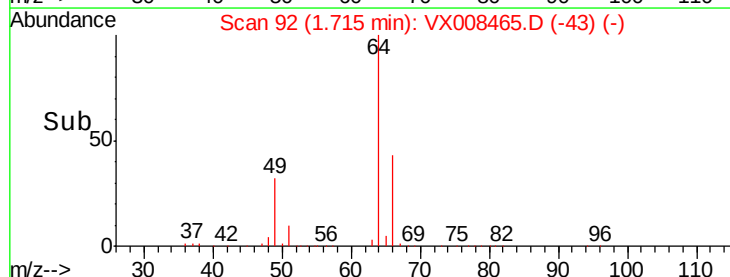
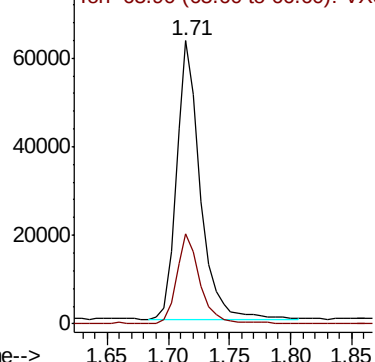
64 100

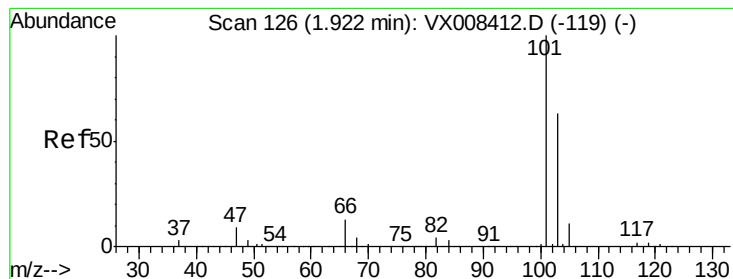
66 32.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



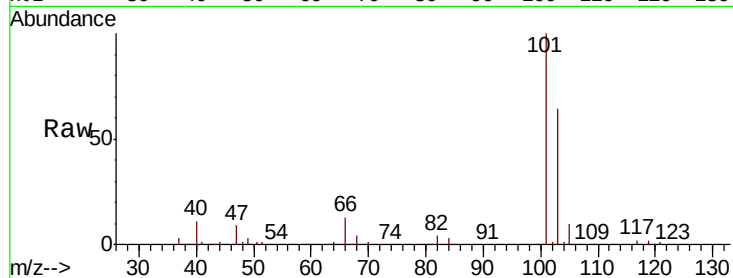


#7

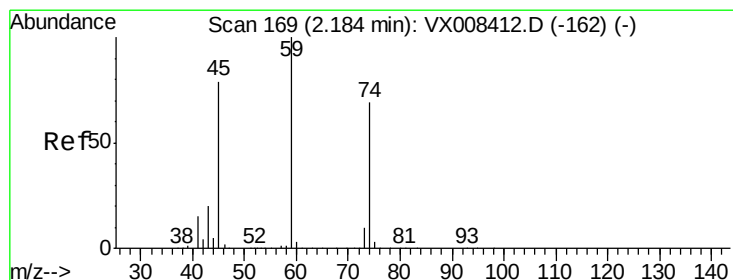
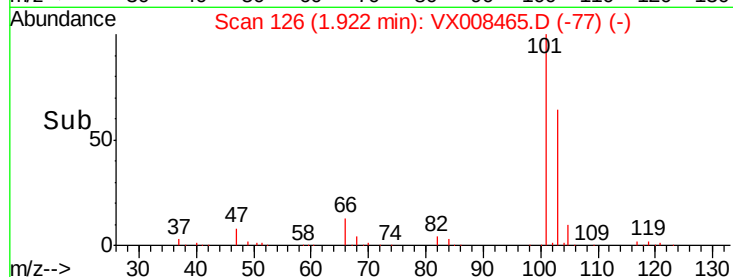
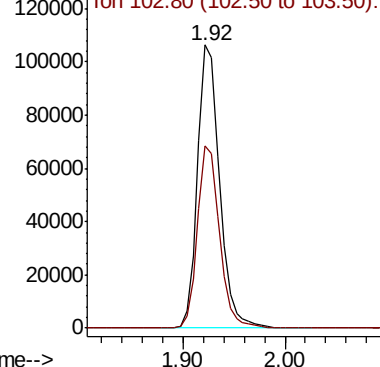
Trichlorofluoromethane
Concen: 44.646 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

Instrument :
MSVOA_X
ClientSampleId :
MW-104MSD

Tot Ion:101 Resp: 160014
Ion Ratio Lower Upper
101 100
103 64.2 50.2 75.4



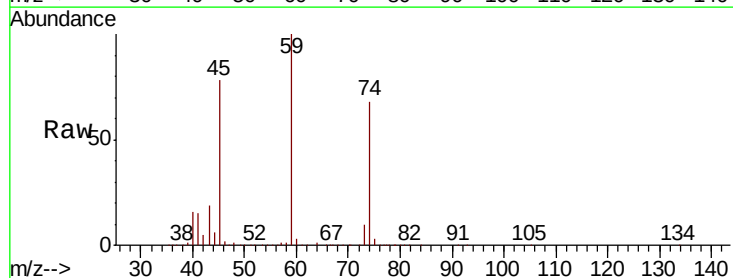
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



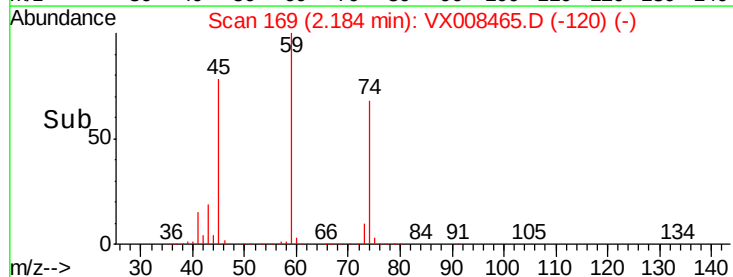
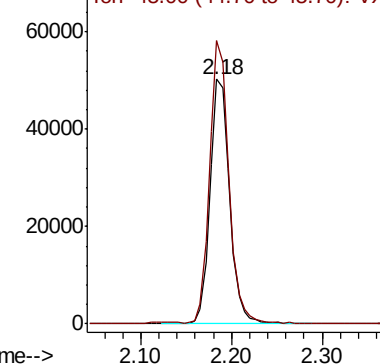
#8

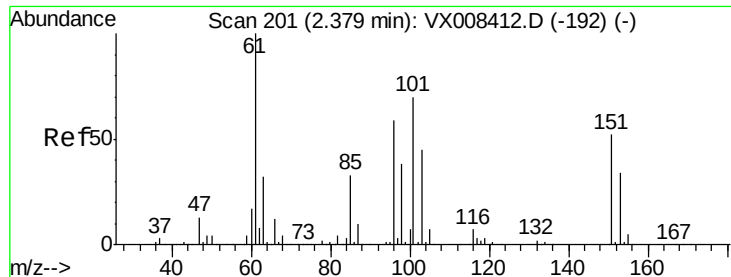
Diethyl Ether
Concen: 44.393 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

Tgt Ion: 74 Resp: 75298
Ion Ratio Lower Upper
74 100
45 112.7 56.4 169.2



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.100 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

MW-104MSD

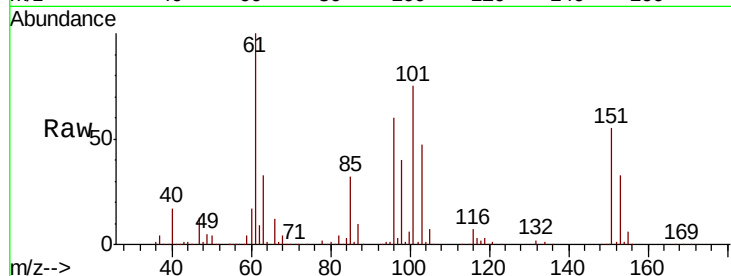
Tot Ion:101 Resp: 99854

Ion Ratio Lower Upper

101 100

85 44.0 36.0 54.0

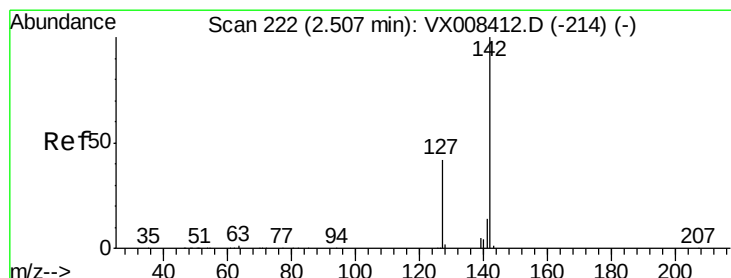
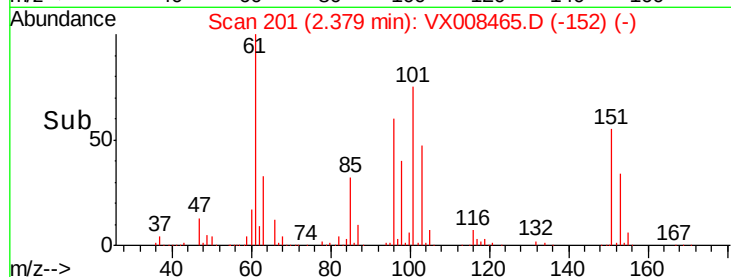
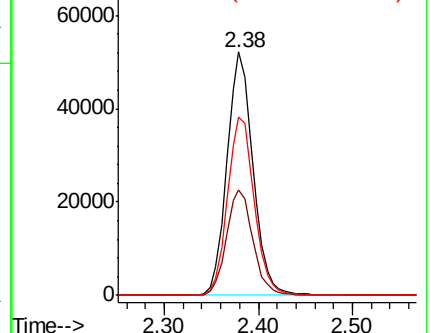
151 75.2 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.348 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

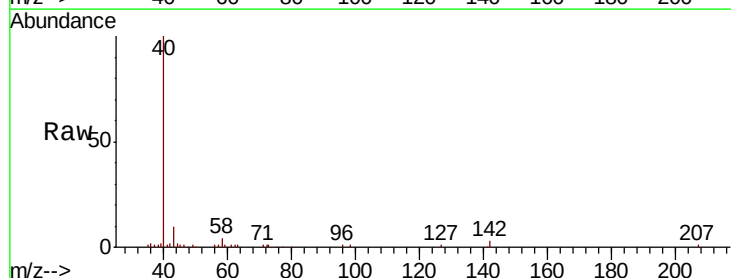
Tgt Ion:142 Resp: 503

Ion Ratio Lower Upper

142 100

127 40.4 33.6 50.4

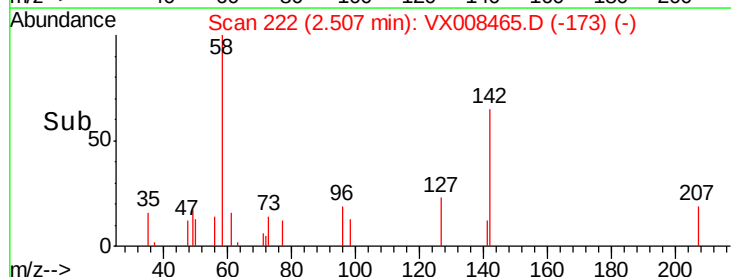
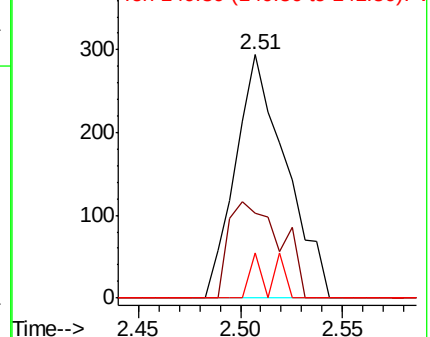
141 8.0 11.3 16.9#

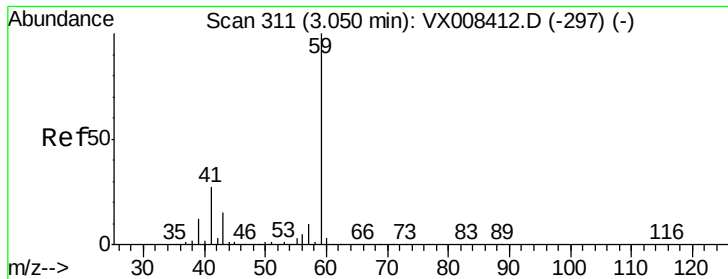


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



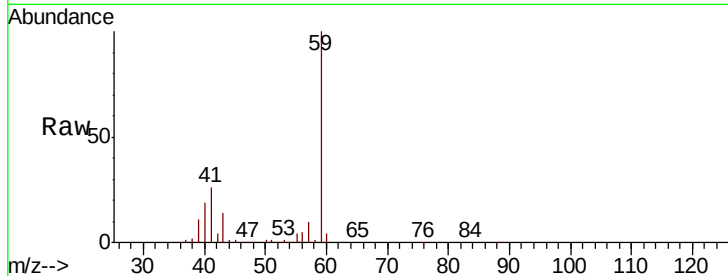


#11

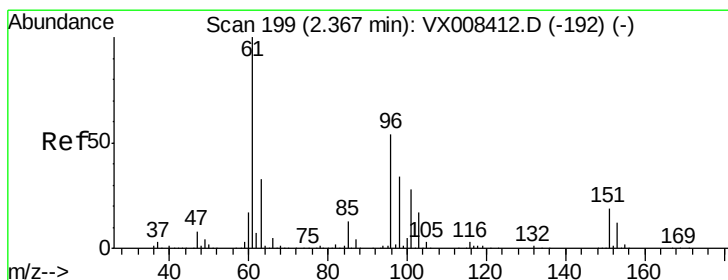
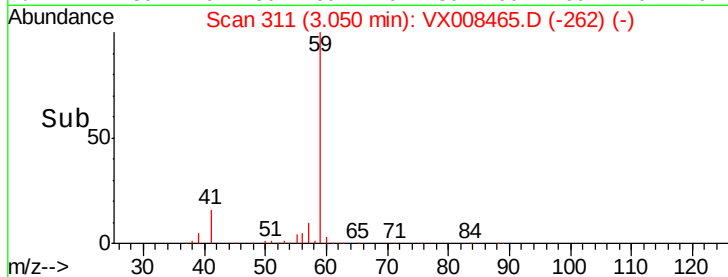
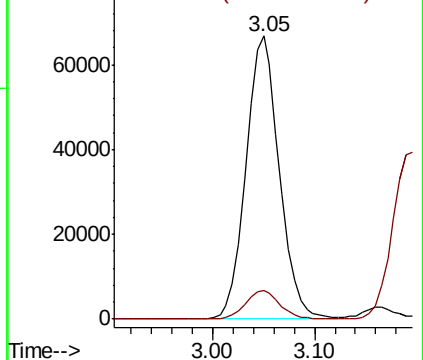
Tert butyl alcohol
Concen: 234.771 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

Instrument :
MSVOA_X
ClientSampleId :
MW-104MSD

Tot Ion: 59 Resp: 151626
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



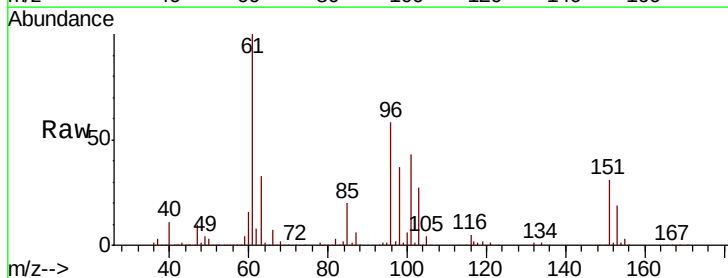
Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0



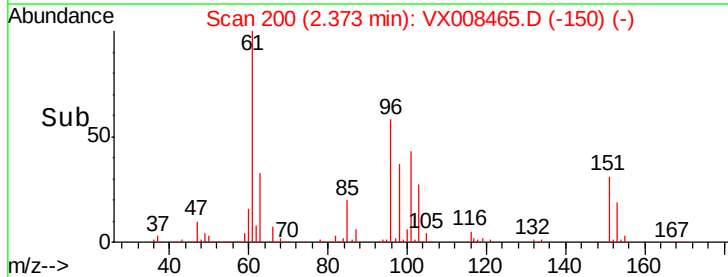
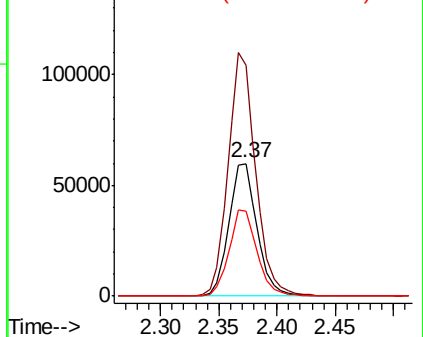
#12

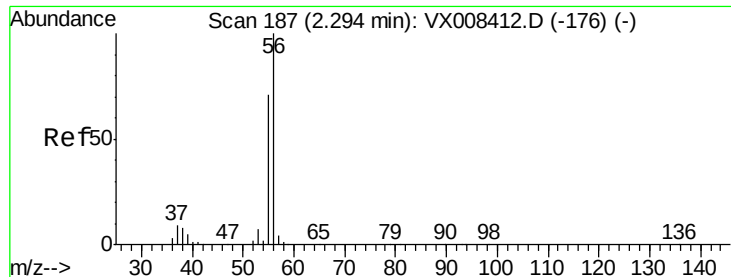
1,1-Dichloroethene
Concen: 45.071 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

Tgt Ion: 96 Resp: 100822
Ion Ratio Lower Upper
96 100
61 173.9 146.9 220.3
98 64.4 50.1 75.1



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





#13

Acrolein

Concen: 26.554 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

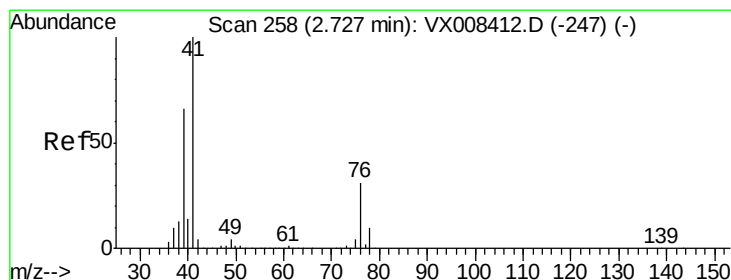
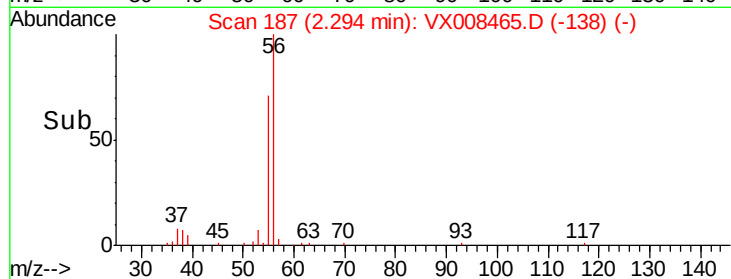
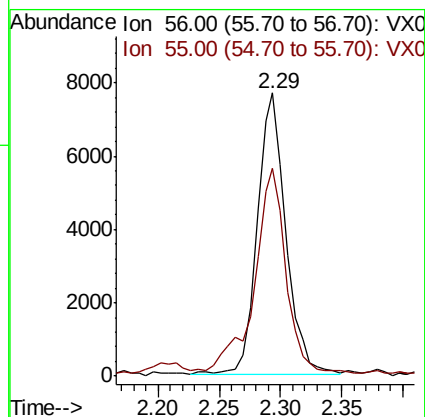
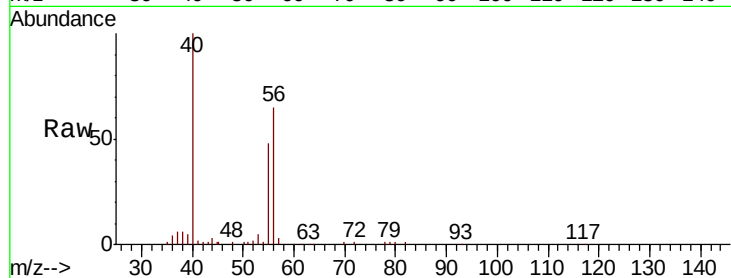
MW-104MSD

Tot Ion: 56 Resp: 12454

Ion Ratio Lower Upper

56 100

55 81.5 56.5 84.7



#14

Allyl chloride

Concen: 22.119 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

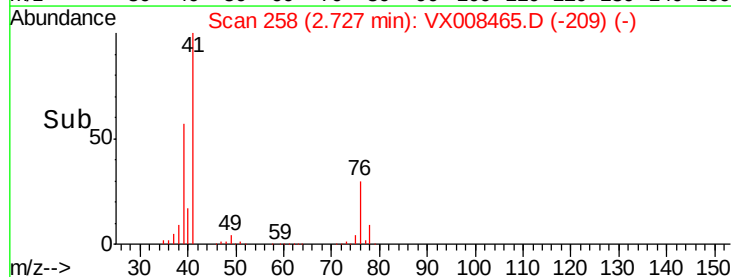
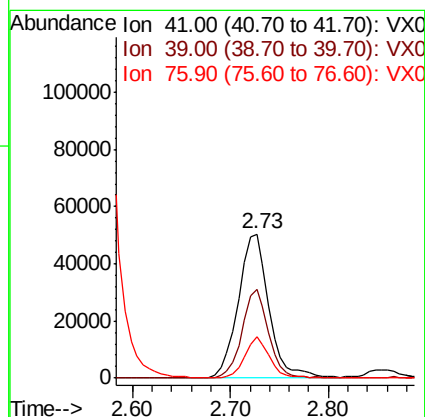
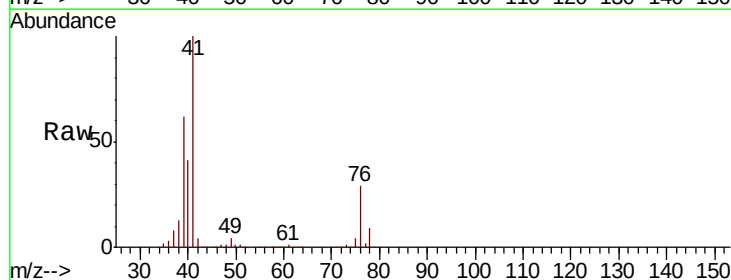
Tgt Ion: 41 Resp: 109010

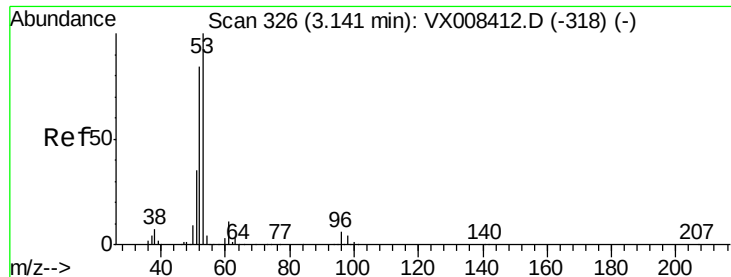
Ion Ratio Lower Upper

41 100

39 53.3 49.6 74.4

76 22.9 22.6 34.0





#15

Acrylonitrile

Concen: 229.896 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

Instrument :

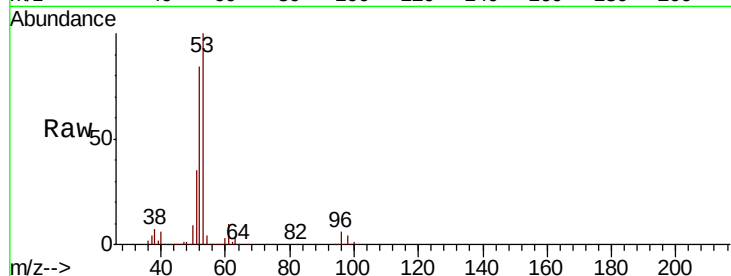
MSVOA_X

ClientSampleId :

MW-104MSD

Tot Ion: 53 Resp: 389335

Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.5	99.7
51	35.4	28.3	42.5

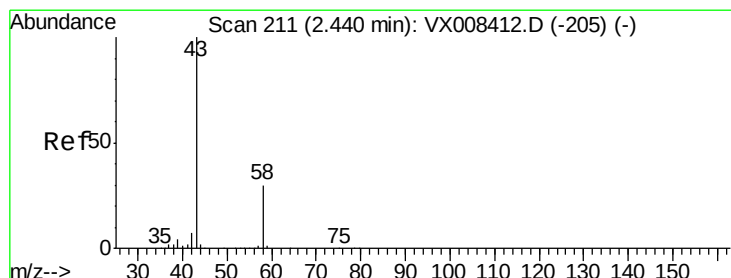
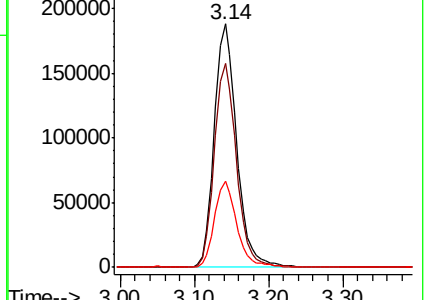
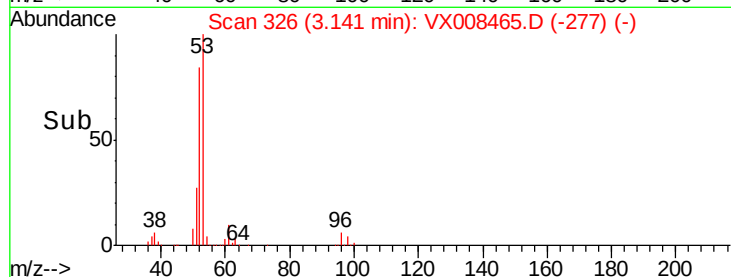


Abundance

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: 241.668 ug/l

RT: 2.44 min Scan# 211

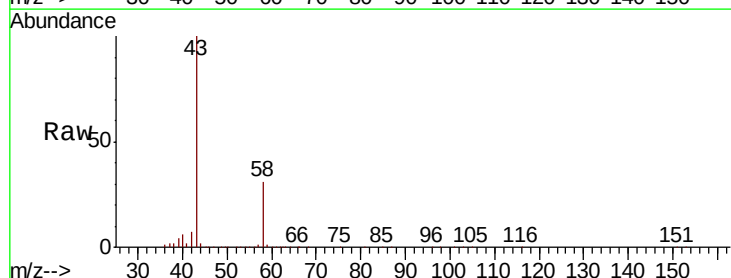
Delta R.T. -0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

Tgt Ion: 43 Resp: 368194

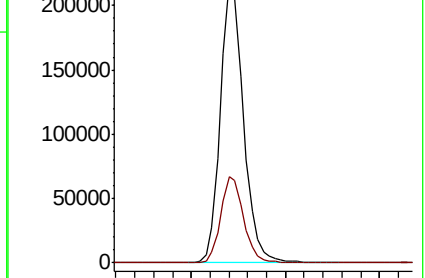
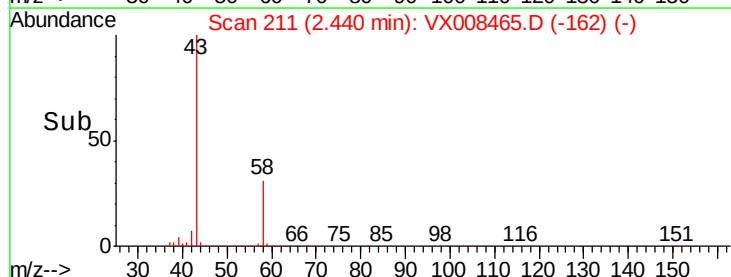
Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.2	36.2

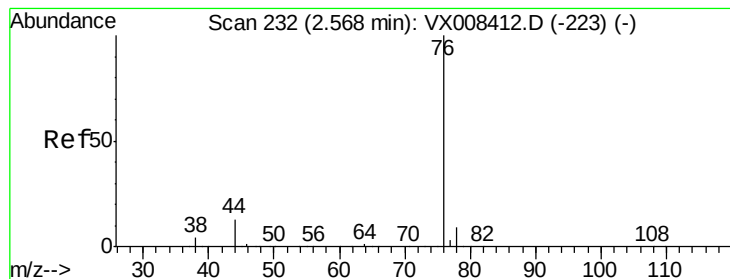


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.587 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

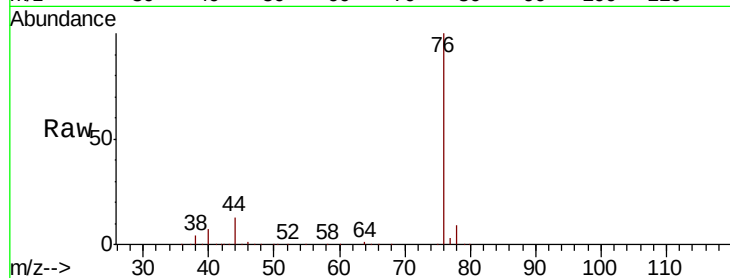
MW-104MSD

Tot Ion: 76 Resp: 299172

Ion Ratio Lower Upper

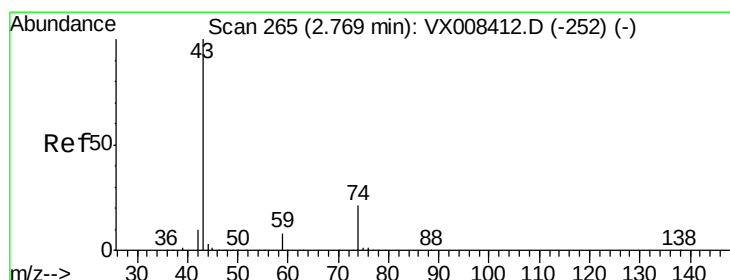
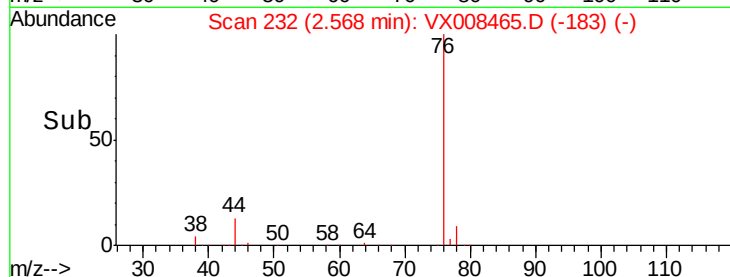
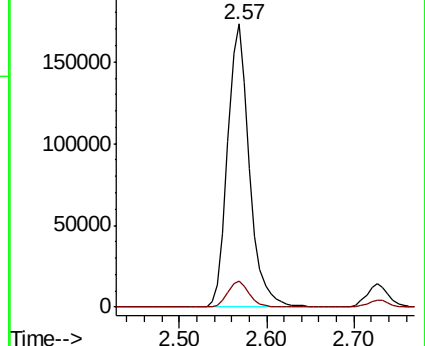
76 100

78 9.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 65.799 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX008465.D

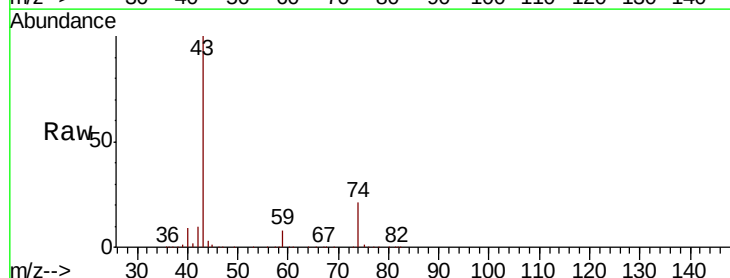
Acq: 26 Mar 2019 19:31

Tgt Ion: 43 Resp: 240768

Ion Ratio Lower Upper

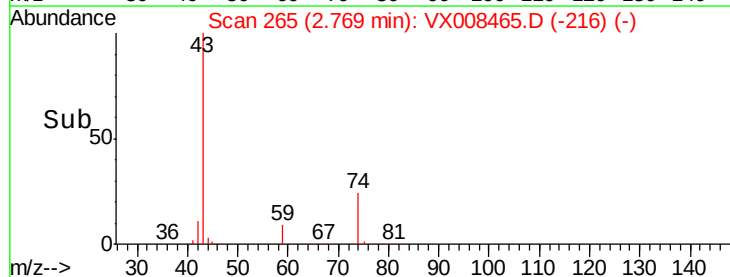
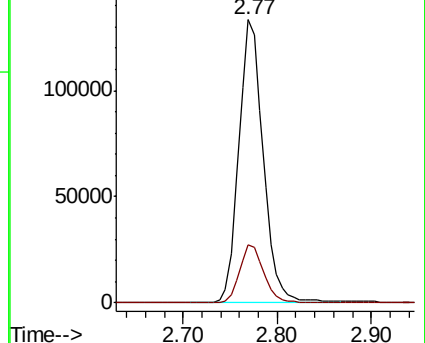
43 100

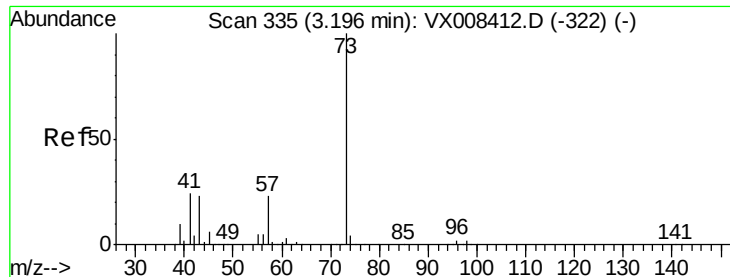
74 20.7 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

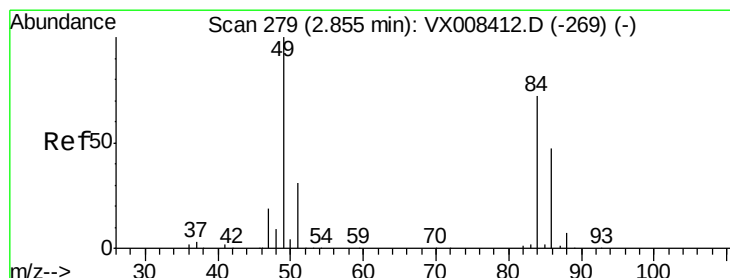
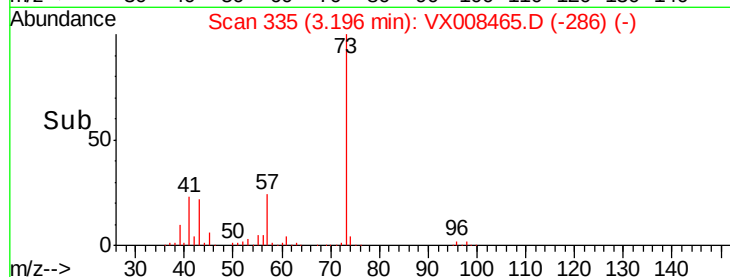
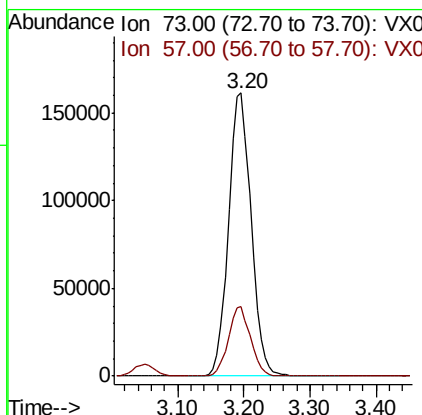
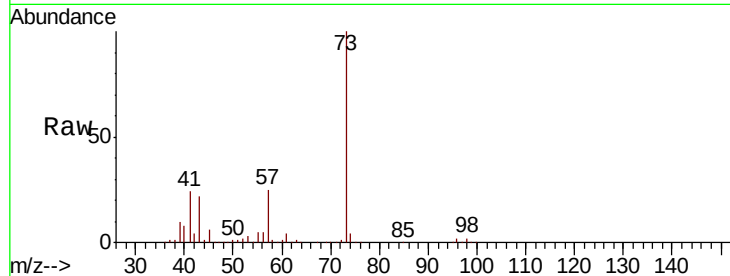




#19
Methvl tert-butyl Ether
Concen: 47.360 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

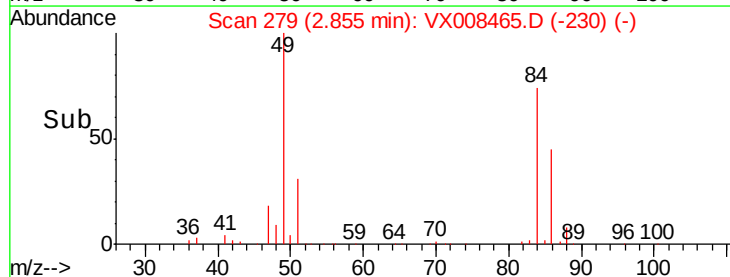
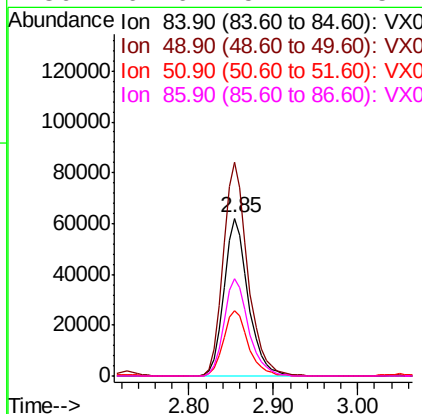
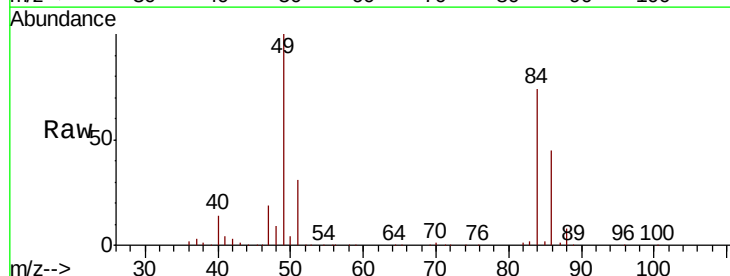
Instrument :
MSVOA_X
ClientSampleId :
MW-104MSD

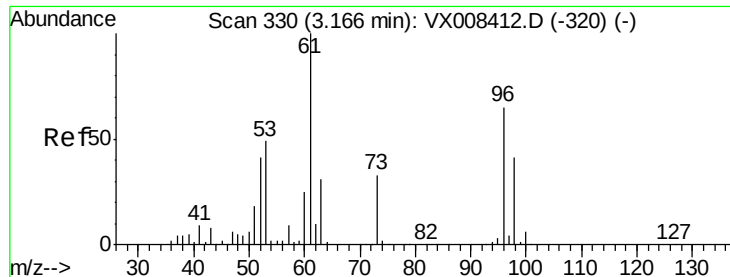
Tot Ion: 73 Resp: 381771
Ion Ratio Lower Upper
73 100
57 24.5 18.6 28.0



#20
Methylene Chloride
Concen: 48.999 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

Tgt Ion: 84 Resp: 121871
Ion Ratio Lower Upper
84 100
49 135.6 110.6 165.8
51 41.8 33.9 50.9
86 61.6 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 48.475 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

MW-104MSD

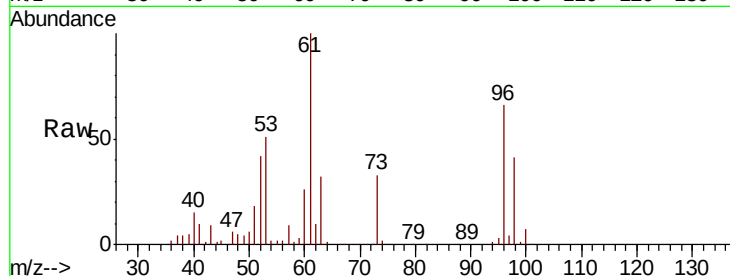
Tot Ion: 96 Resp: 108069

Ion Ratio Lower Upper

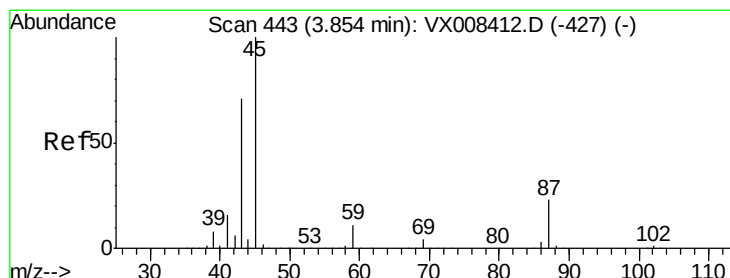
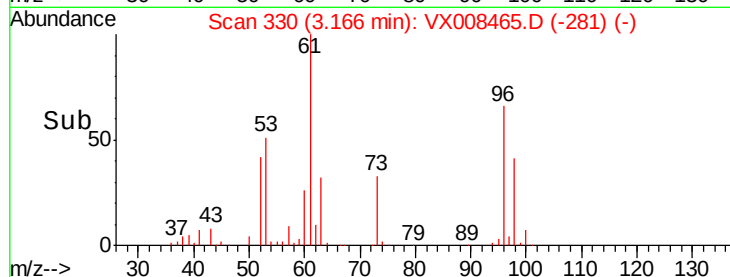
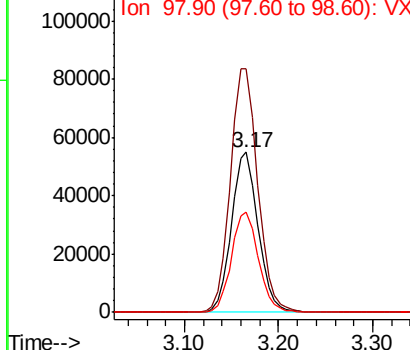
96 100

61 152.0 122.6 184.0

98 62.3 50.9 76.3



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



#22

Diisopropyl ether

Concen: 46.686 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

Tgt Ion: 45 Resp: 453039

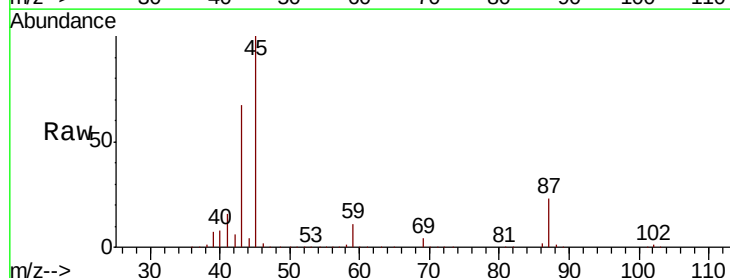
Ion Ratio Lower Upper

45 100

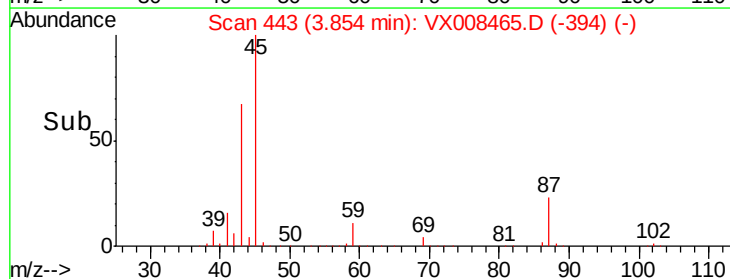
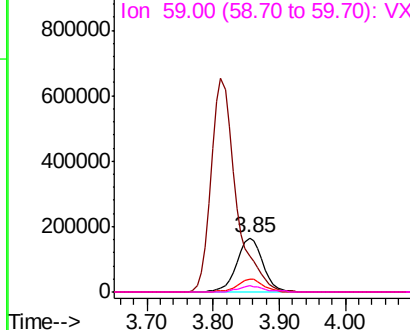
43 66.6 57.1 85.7

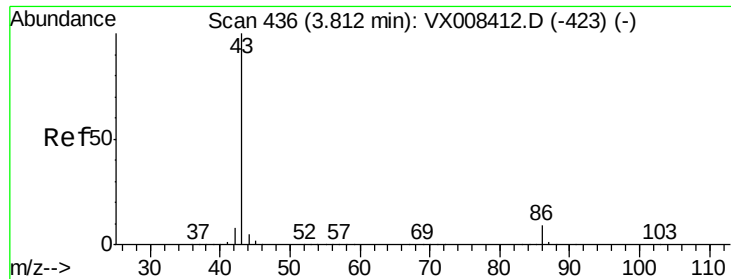
87 23.1 18.8 28.2

59 11.0 8.7 13.1



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





#23

Vinyl Acetate

Concen: 201.393 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

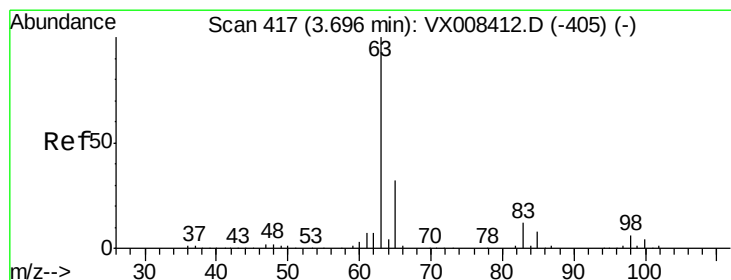
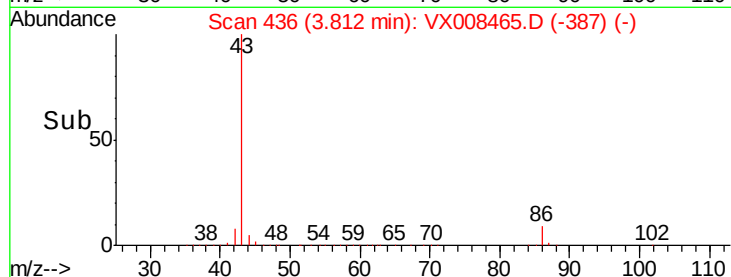
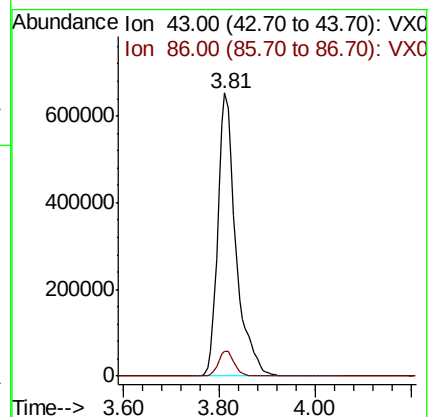
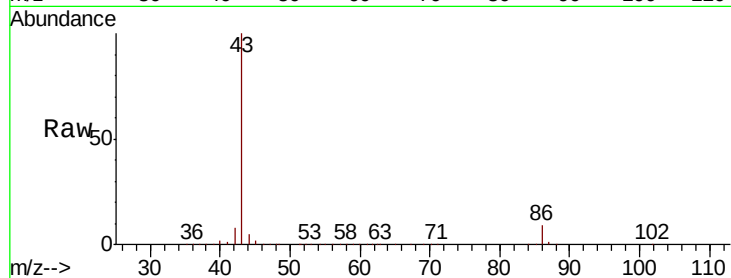
MW-104MSD

Tot Ion: 43 Resp: 1705032

Ion Ratio Lower Upper

43 100

86 8.7 6.9 10.3



#24

1,1-Dichloroethane

Concen: 46.040 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

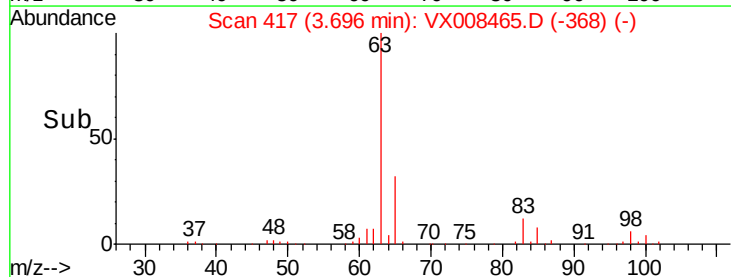
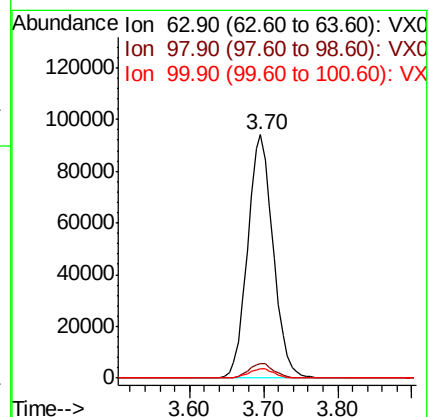
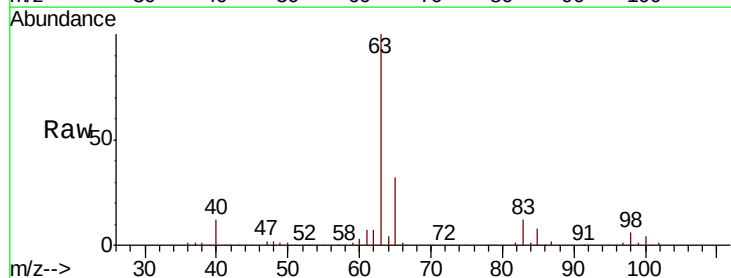
Tgt Ion: 63 Resp: 225554

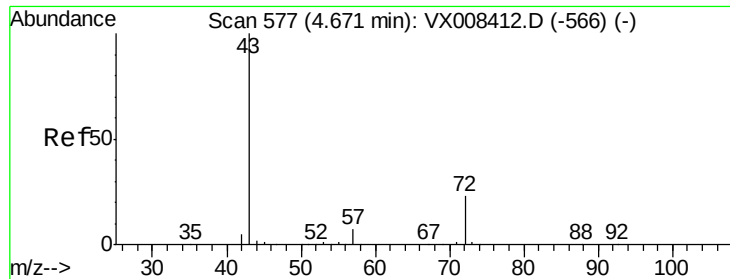
Ion Ratio Lower Upper

63 100

98 5.9 3.2 9.6

100 3.8 2.0 5.8





#25

2-Butanone

Concen: 234.324 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

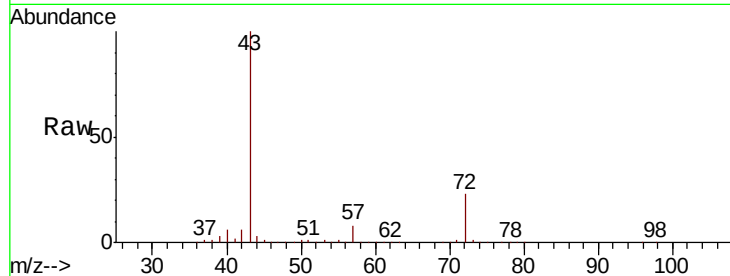
MW-104MSD

Tot Ion: 43 Resp: 572344

Ion Ratio Lower Upper

43 100

72 23.4 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

200000

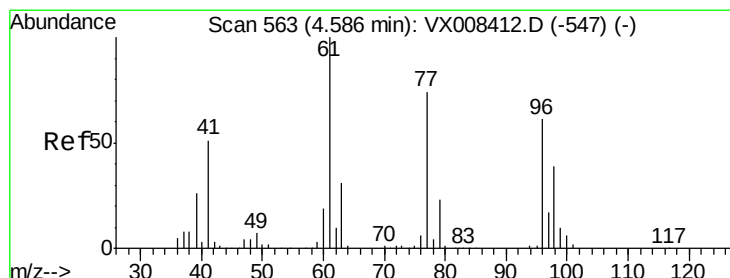
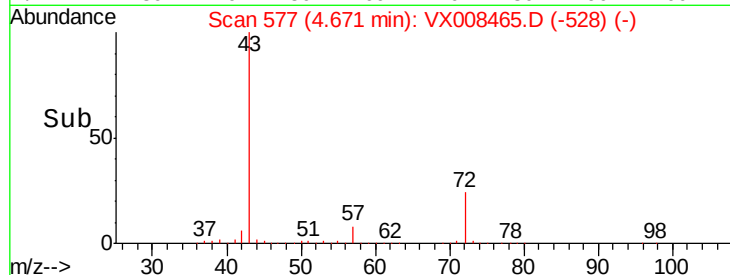
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 40.585 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008465.D

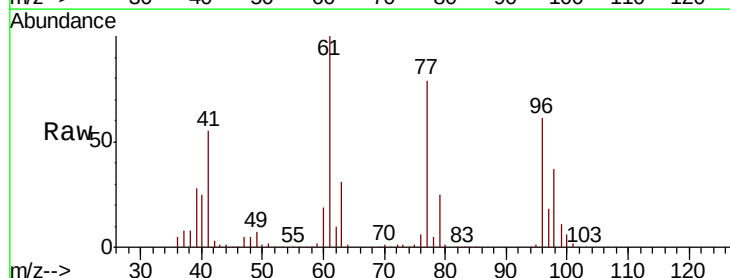
Acq: 26 Mar 2019 19:31

Tgt Ion: 77 Resp: 132246

Ion Ratio Lower Upper

77 100

97 23.5 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

50000

40000

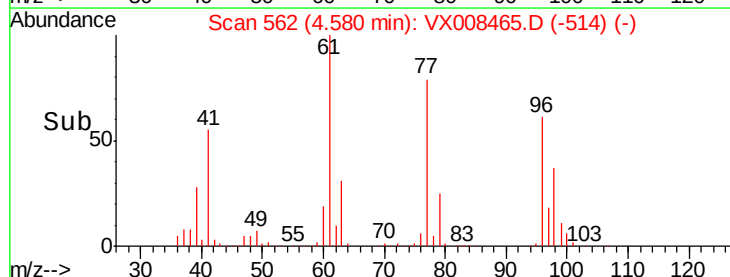
30000

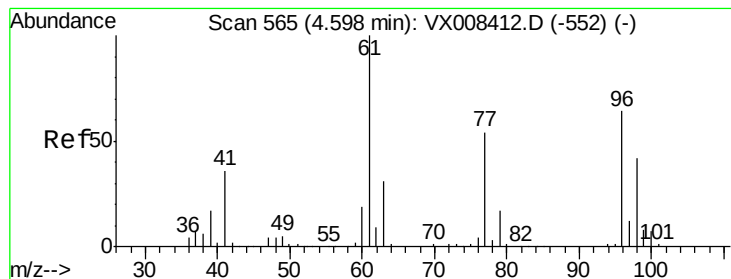
20000

10000

0

Time-->



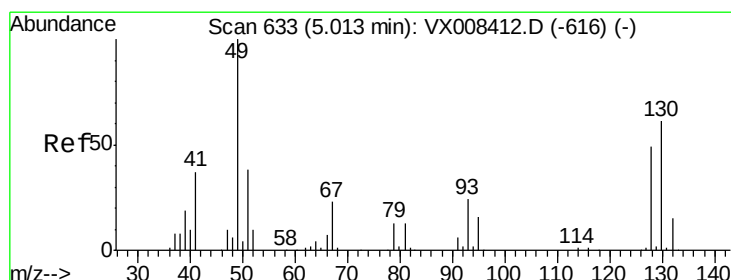
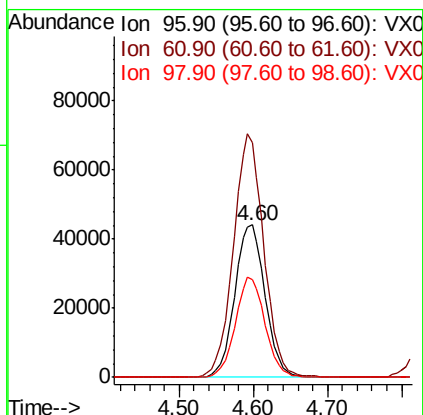
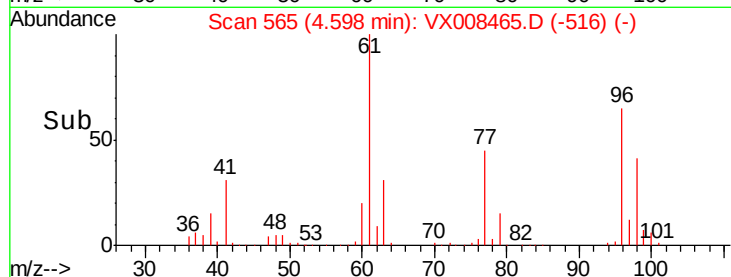
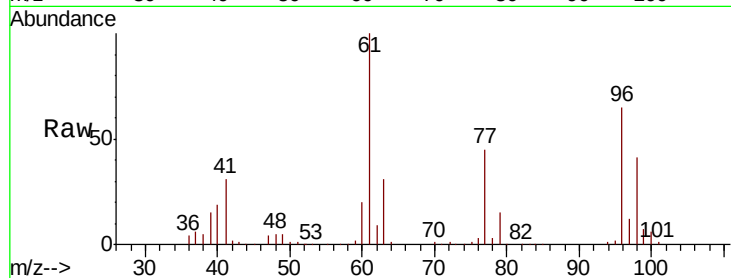


#27

cis-1,2-Dichloroethene
Concen: 46.077 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

Instrument :
MSVOA_X
ClientSampleId :
MW-104MSD

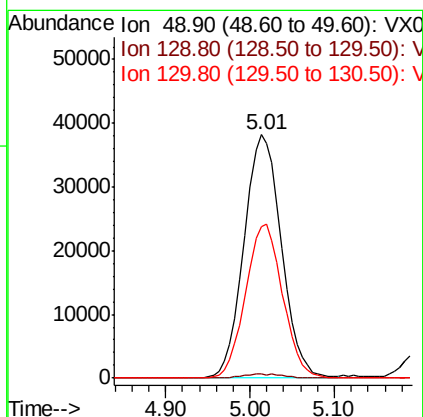
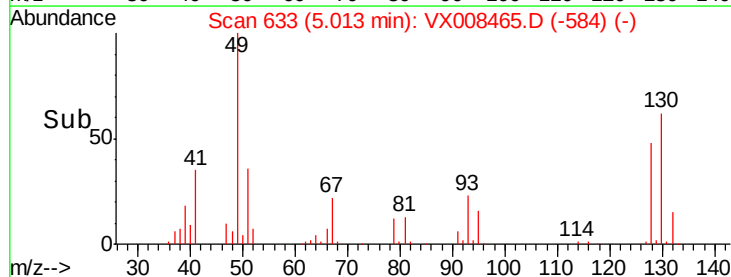
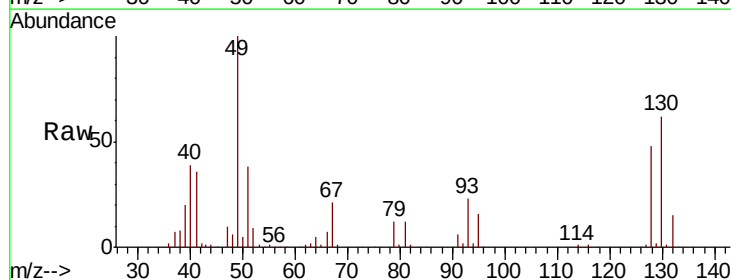
Tot Ion: 96 Resp: 126040
Ion Ratio Lower Upper
96 100
61 159.5 0.0 325.6
98 64.1 0.0 130.0

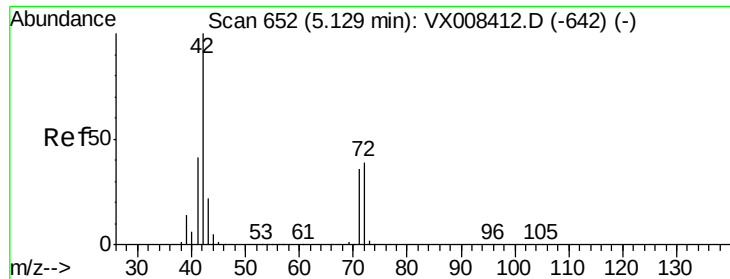


#28

Bromochloromethane
Concen: 47.640 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

Tgt Ion: 49 Resp: 115307
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.4
130 62.7 49.8 74.6





#29

Tetrahydrofuran

Concen: 231.412 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

MW-104MSD

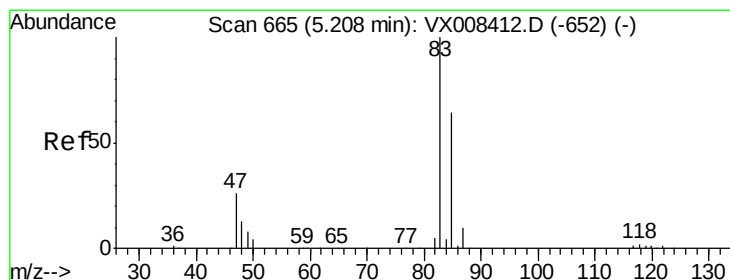
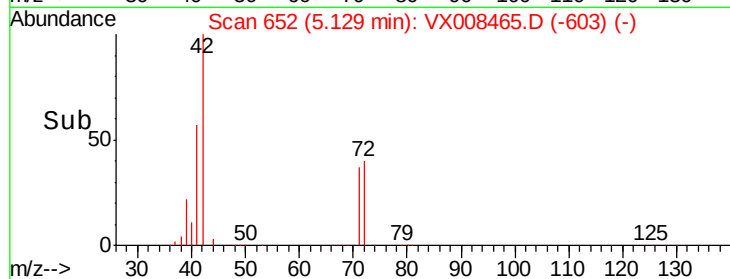
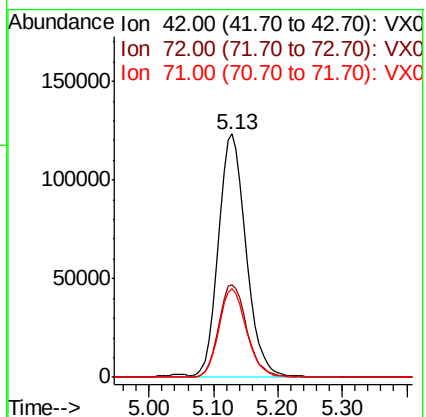
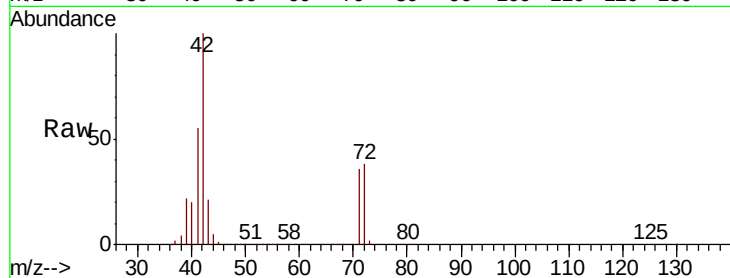
Tot Ion: 42 Resp: 372528

Ion Ratio Lower Upper

42 100

72 39.4 31.4 47.2

71 36.6 29.4 44.2



#30

Chloroform

Concen: 46.701 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX008465.D

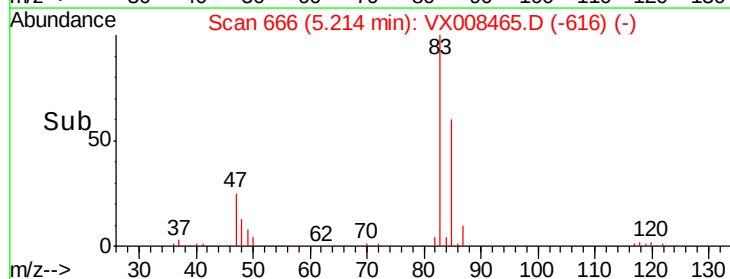
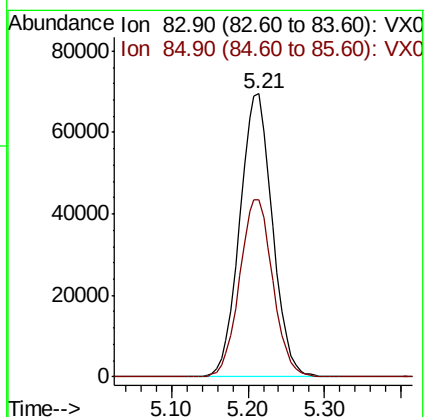
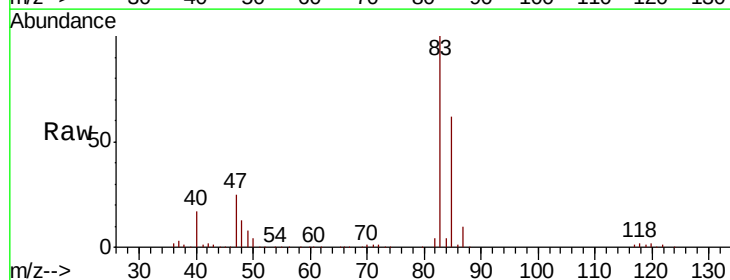
Acq: 26 Mar 2019 19:31

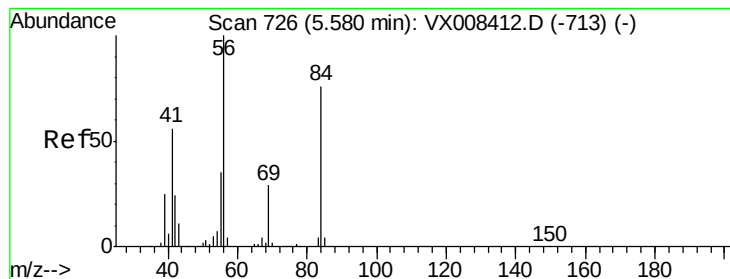
Tgt Ion: 83 Resp: 206479

Ion Ratio Lower Upper

83 100

85 62.5 51.4 77.2





#31

Cyclohexane

Concen: 45.455 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

MW-104MSD

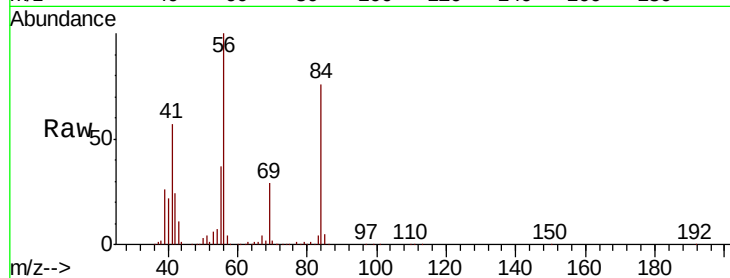
Tot Ion: 56 Resp: 212389

Ion Ratio Lower Upper

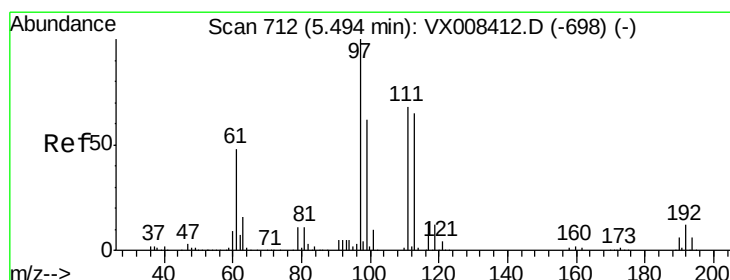
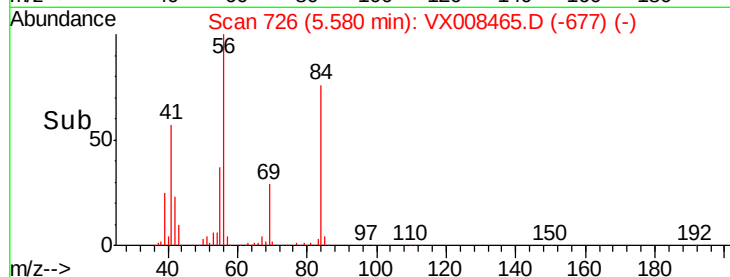
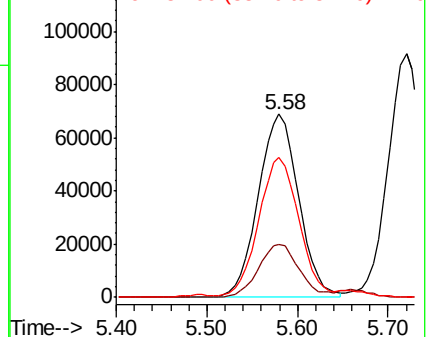
56 100

69 29.0 23.2 34.8

84 74.9 60.7 91.1



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: 47.086 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

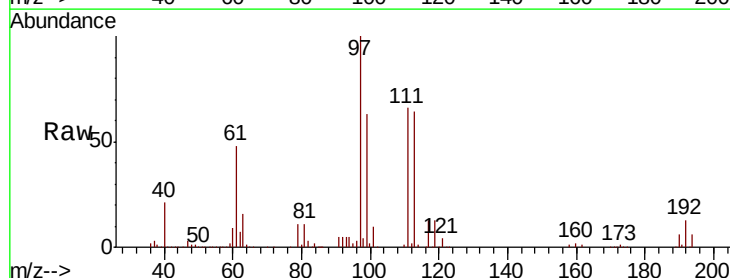
Tgt Ion: 97 Resp: 166406

Ion Ratio Lower Upper

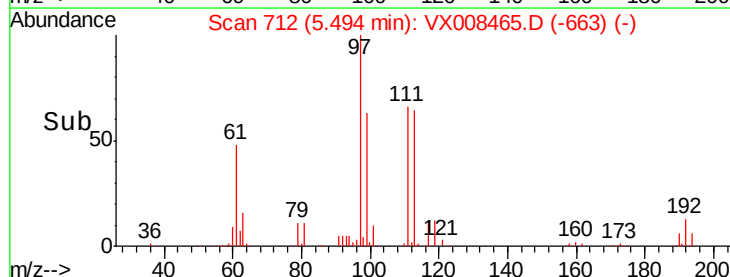
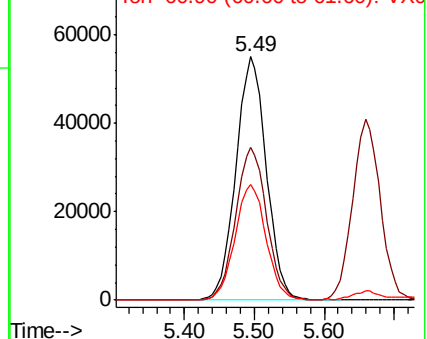
97 100

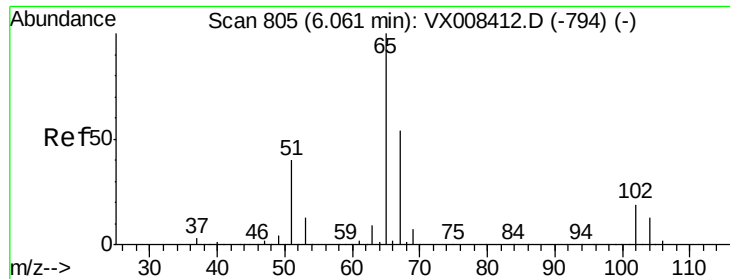
99 63.7 51.5 77.3

61 48.5 38.8 58.2



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

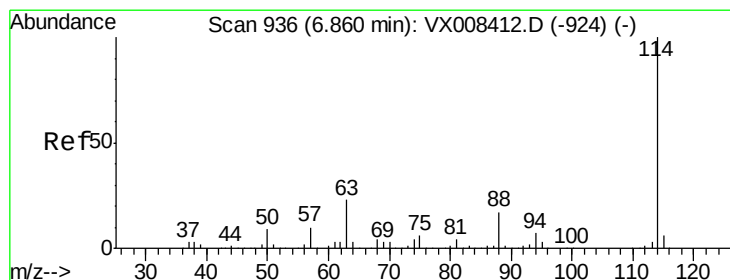
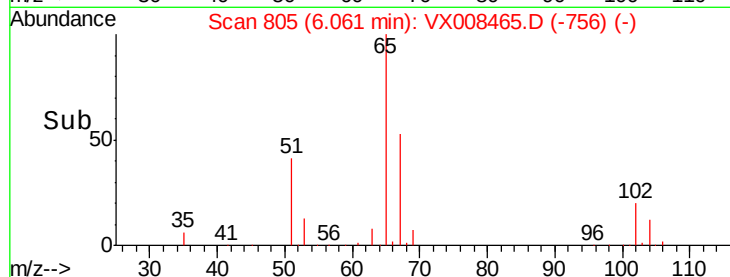
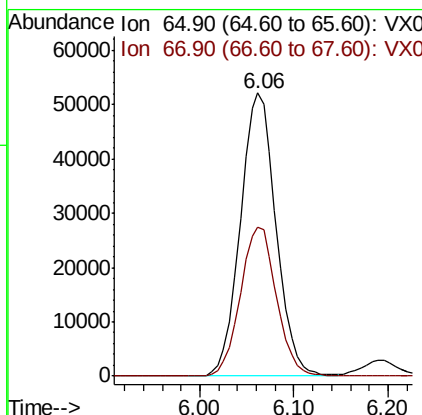
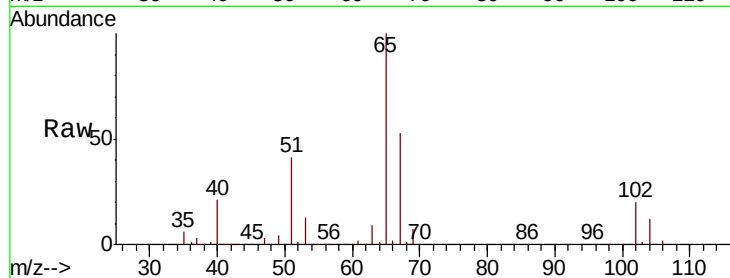




#33
 1,2-Dichloroethane-d4
 Concen: 47.204 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008465.D
 Acq: 26 Mar 2019 19:31

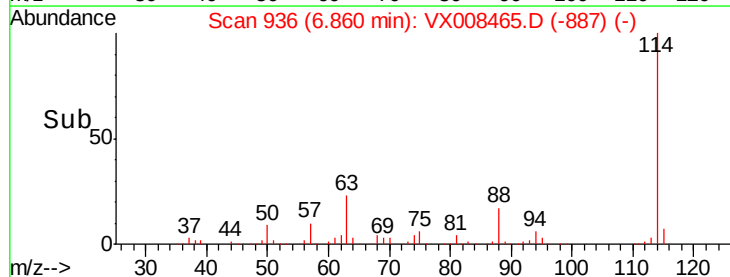
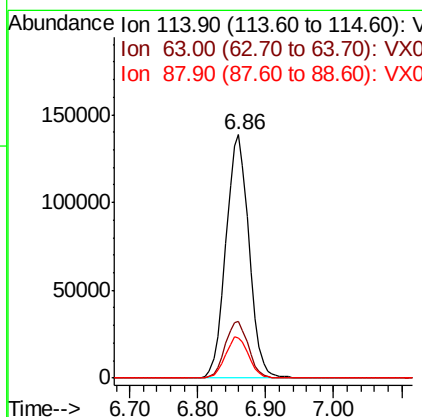
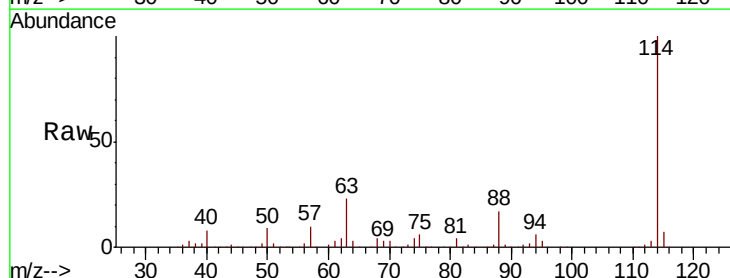
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-104MSD

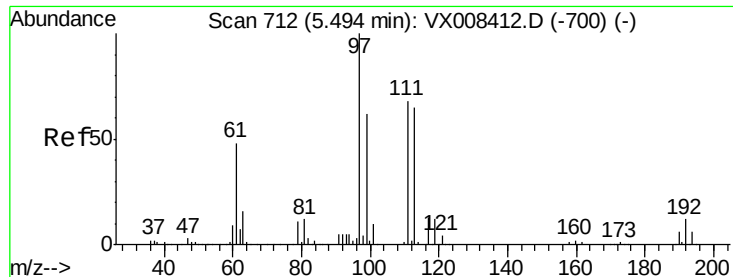
Tot Ion: 65 Resp: 137600
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008465.D
 Acq: 26 Mar 2019 19:31

Tgt Ion: 114 Resp: 326357
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 46.4
 88 16.6 0.0 33.2

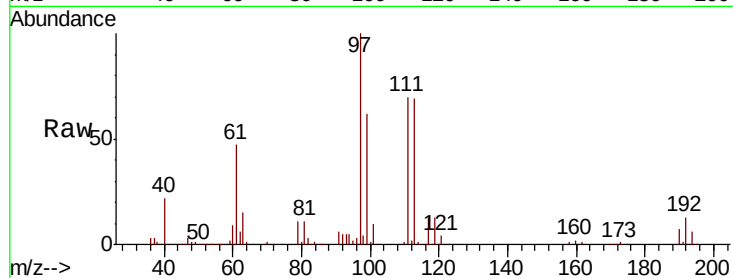




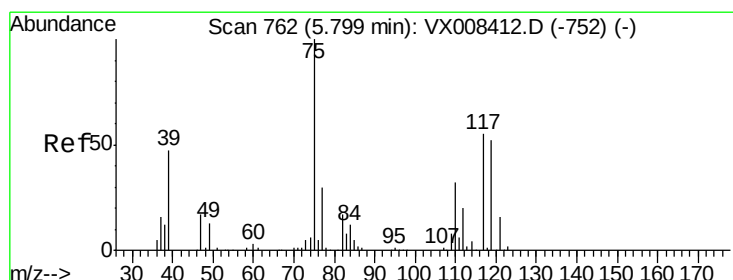
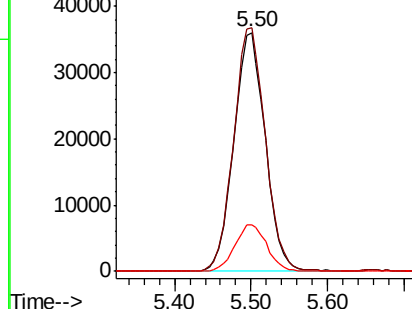
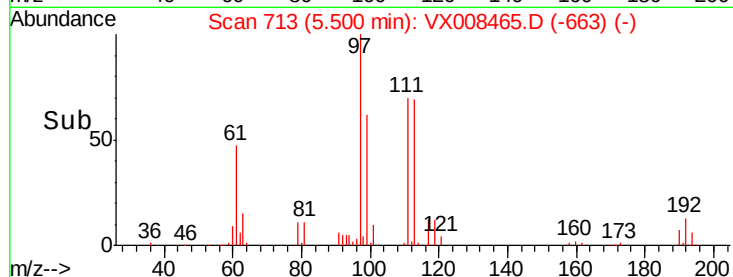
#35
Dibromofluoromethane
Concen: 48.108 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

Instrument :
MSVOA_X
ClientSampleId :
MW-104MSD

Tot Ion:113 Resp: 102373
Ion Ratio Lower Upper
113 100
111 102.8 83.0 124.4
192 19.9 15.6 23.4

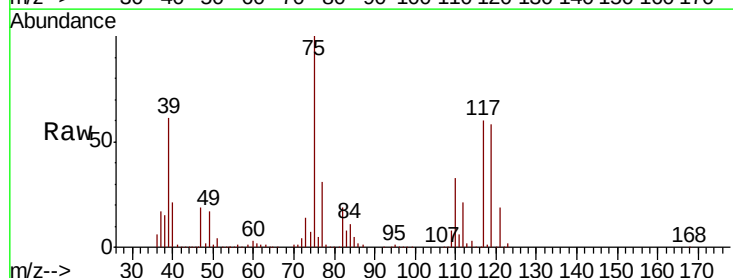


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

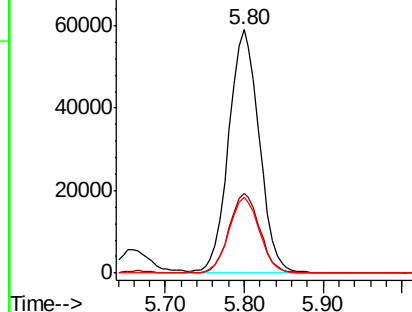
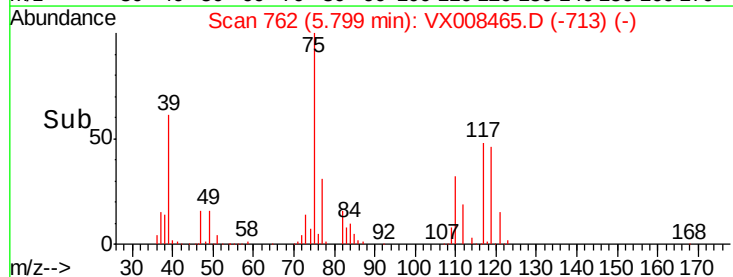


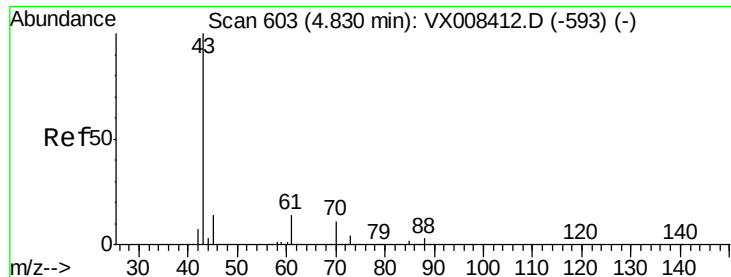
#36
1,1-Dichloropropene
Concen: 45.443 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

Tgt Ion: 75 Resp: 158129
Ion Ratio Lower Upper
75 100
110 33.2 16.6 49.7
77 31.0 24.2 36.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

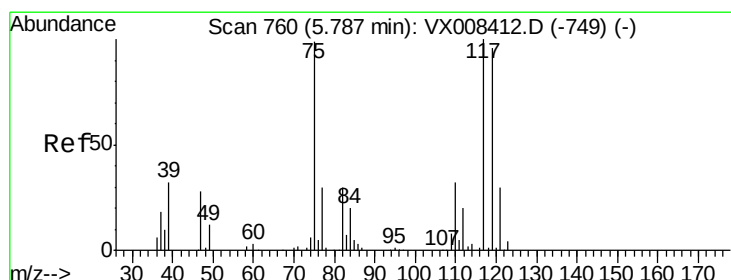
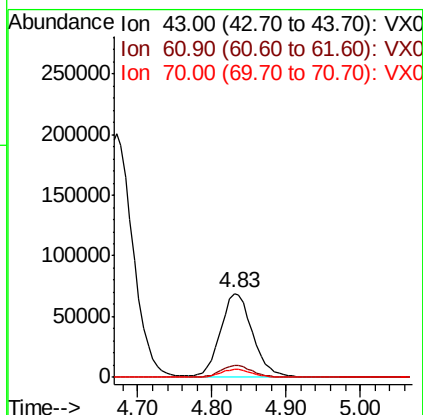
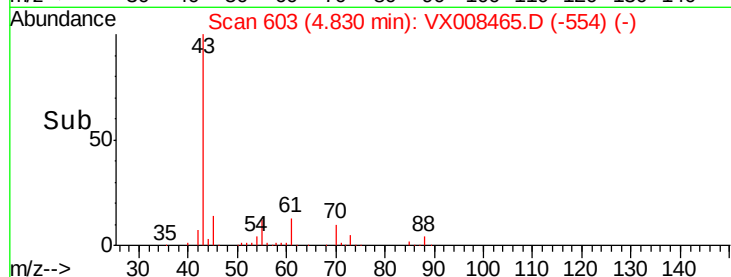
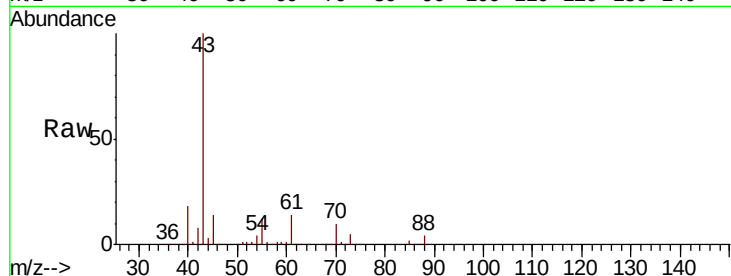




#37
Ethyl Acetate
Concen: 45.991 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

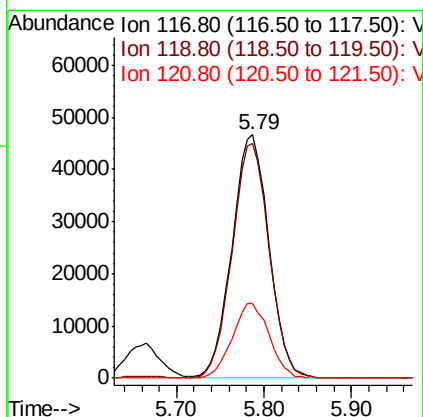
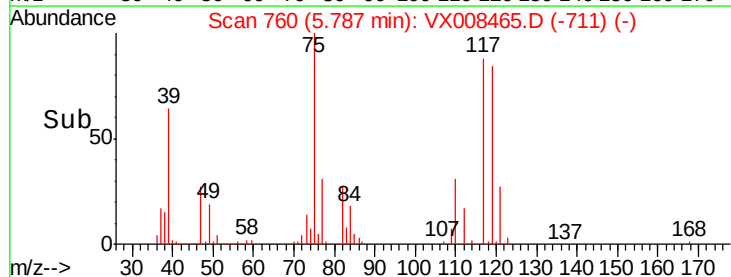
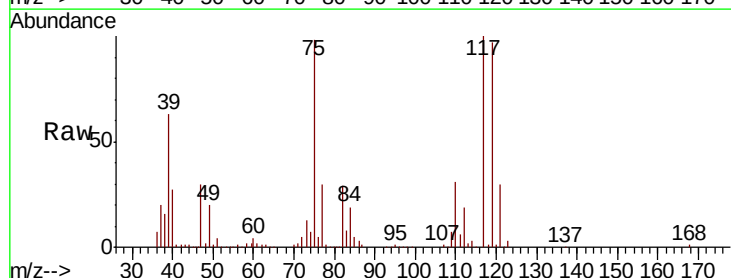
Instrument :
MSVOA_X
ClientSampleId :
MW-104MSD

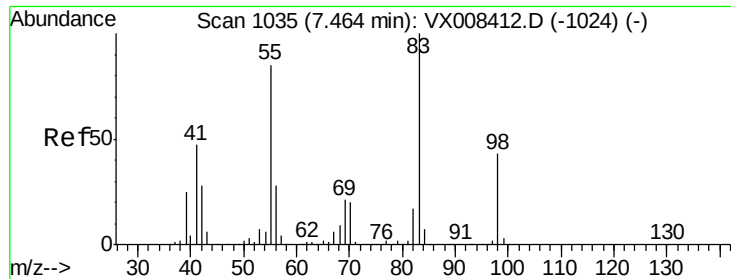
Tot Ion: 43 Resp: 207320
Ion Ratio Lower Upper
43 100
61 13.4 10.5 15.7
70 9.9 7.8 11.8



#38
Carbon Tetrachloride
Concen: 46.991 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

Tgt Ion: 117 Resp: 136459
Ion Ratio Lower Upper
117 100
119 96.5 76.7 115.1
121 30.5 24.3 36.5

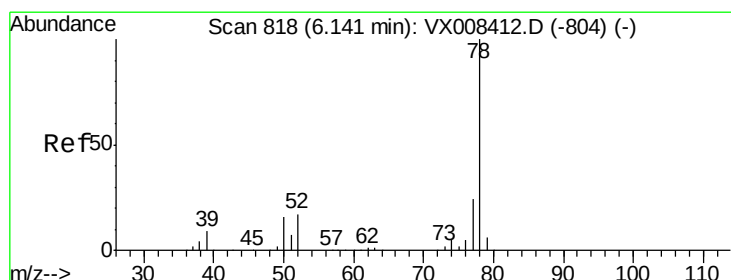
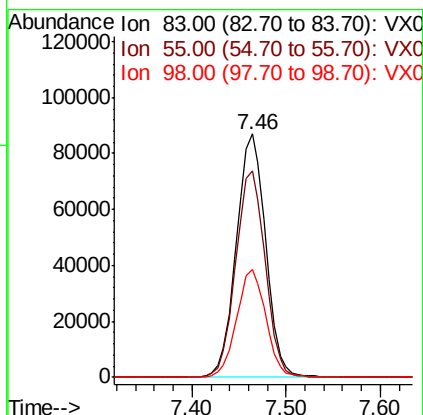
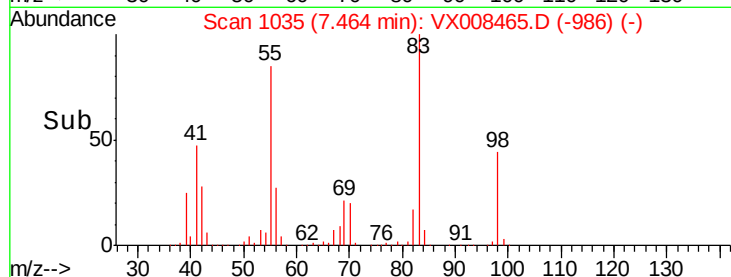
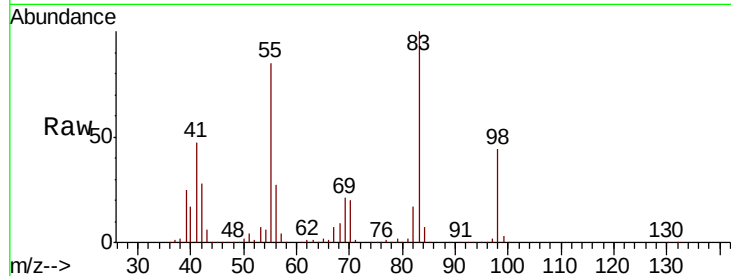




#39
Methylvlcyclohexane
Concen: 45.519 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

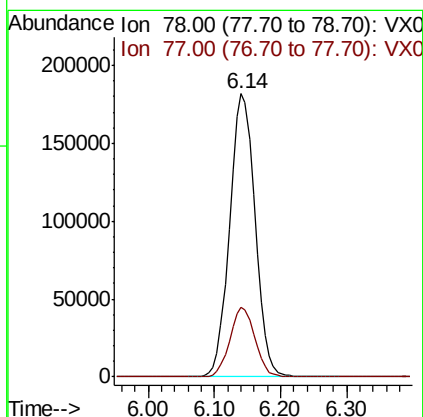
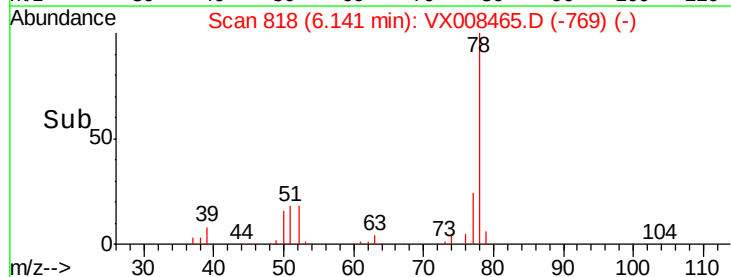
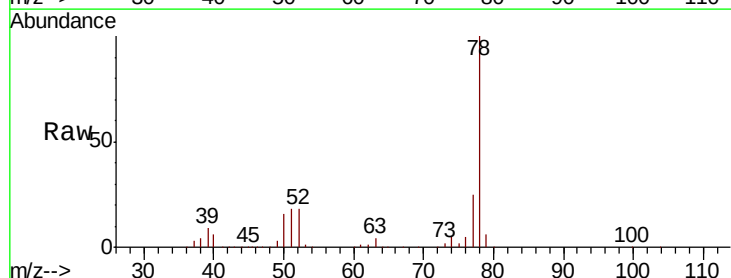
Instrument :
MSVOA_X
ClientSampled :
MW-104MSD

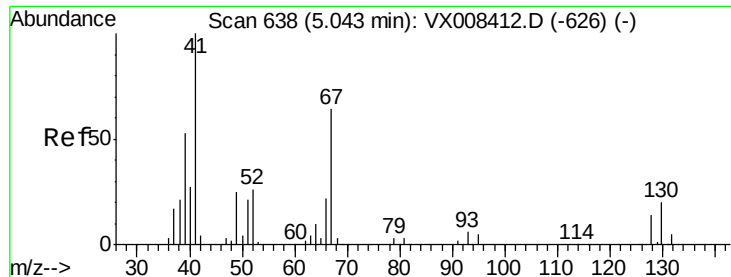
Tot Ion: 83 Resp: 189291
Ion Ratio Lower Upper
83 100
55 84.7 68.2 102.4
98 44.4 34.2 51.4



#40
Benzene
Concen: 46.539 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

Tgt Ion: 78 Resp: 484808
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9





#41

Methacrylonitrile

Concen: 48.815 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

MW-104MSD

Tot Ion: 41 Resp: 123663

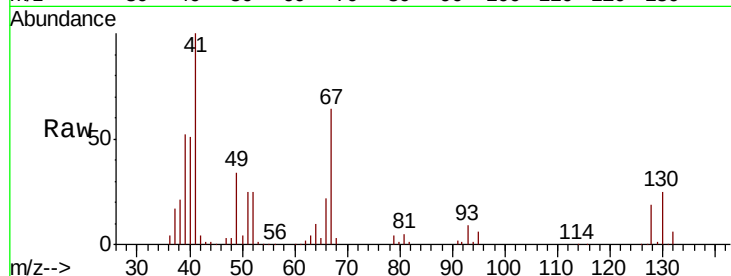
Ion Ratio Lower Upper

41 100

39 52.9 42.6 64.0

67 64.6 52.2 78.4

52 26.3 21.4 32.0

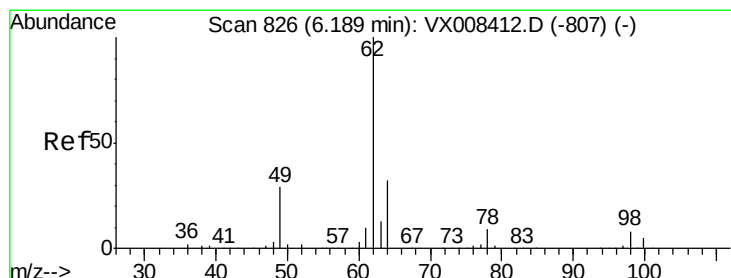
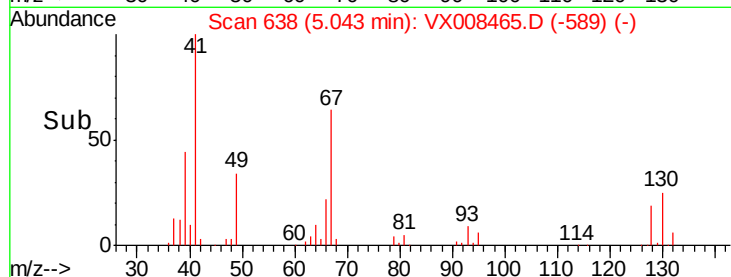
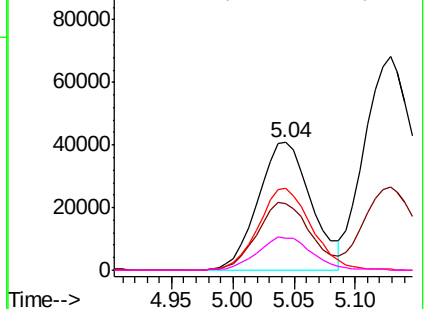


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 45.445 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX008465.D

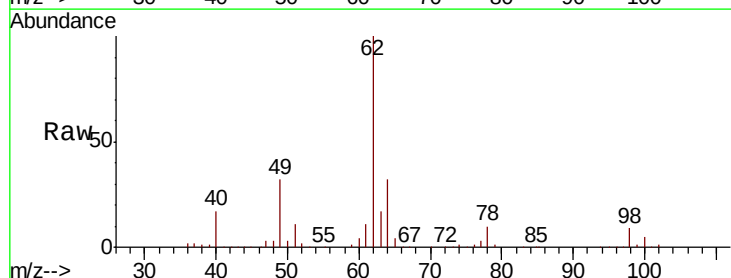
Acq: 26 Mar 2019 19:31

Tgt Ion: 62 Resp: 173331

Ion Ratio Lower Upper

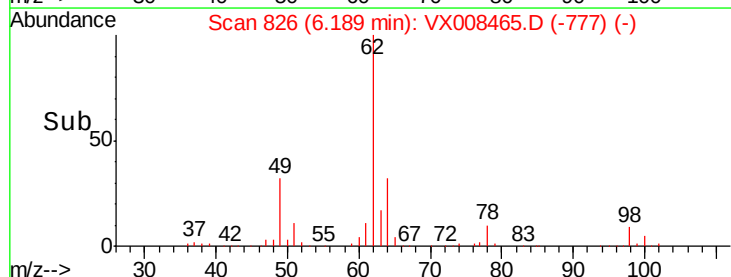
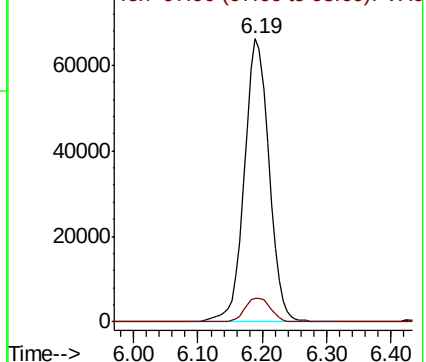
62 100

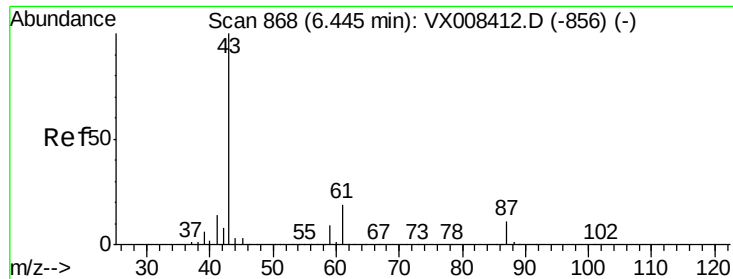
98 8.8 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 47.381 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

MW-104MSD

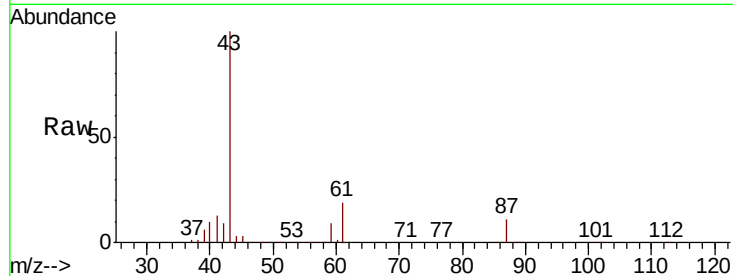
Tot Ion: 43 Resp: 341636

Ion Ratio Lower Upper

43 100

61 19.3 15.4 23.2

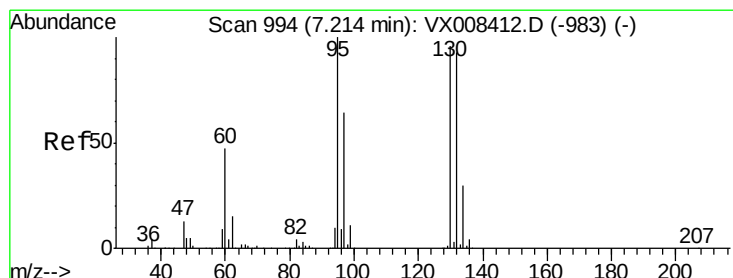
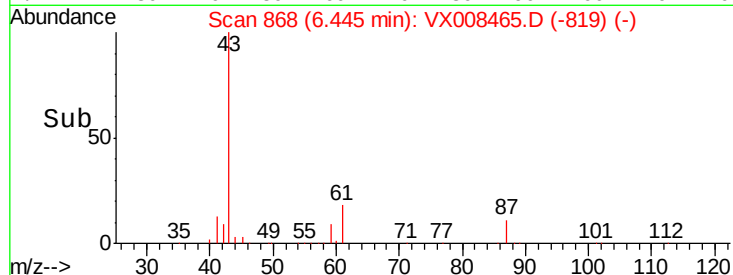
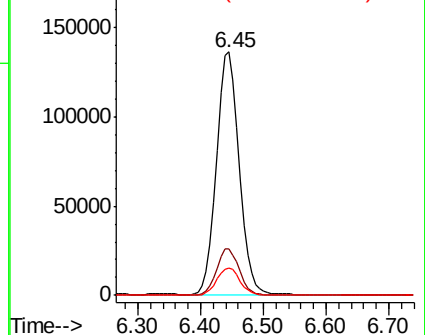
87 11.5 9.1 13.7



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: 45.825 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008465.D

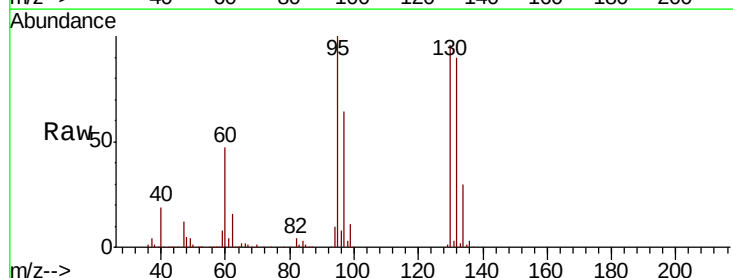
Acq: 26 Mar 2019 19:31

Tgt Ion:130 Resp: 112086

Ion Ratio Lower Upper

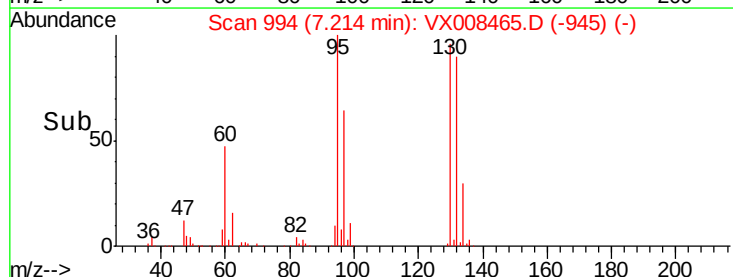
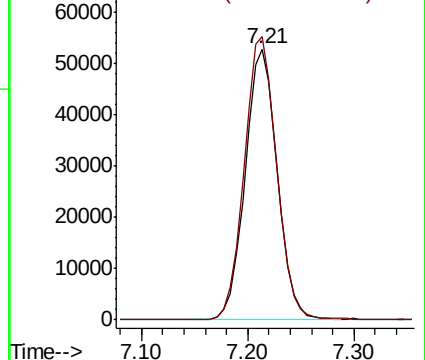
130 100

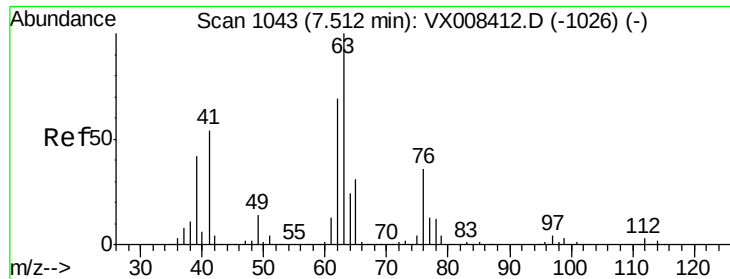
95 104.5 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

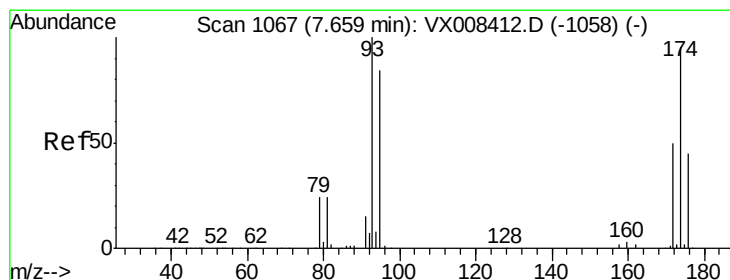
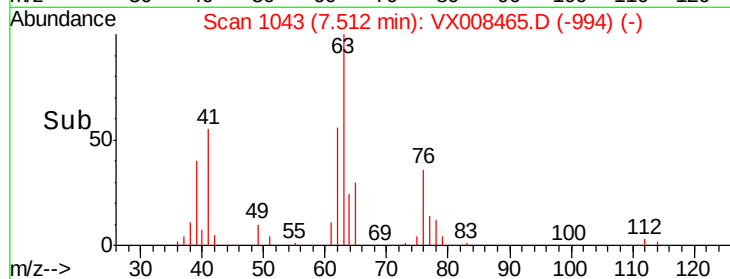
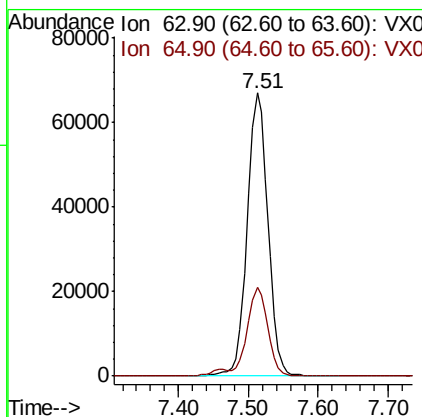
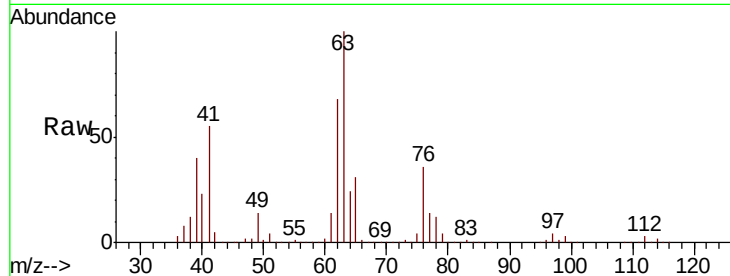




#45
 1,2-Dichloropropane
 Concen: 46.727 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008465.D
 Acq: 26 Mar 2019 19:31

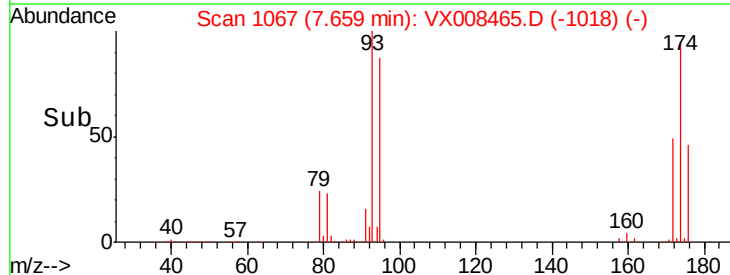
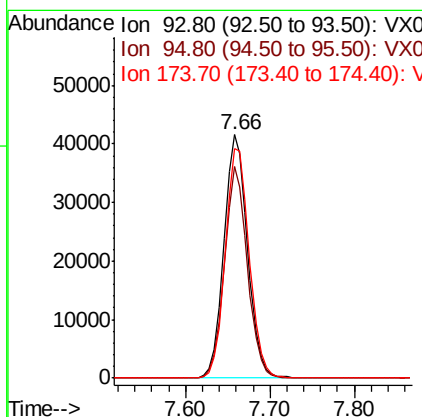
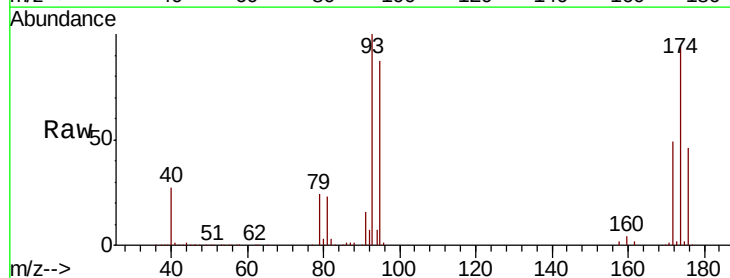
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-104MSD

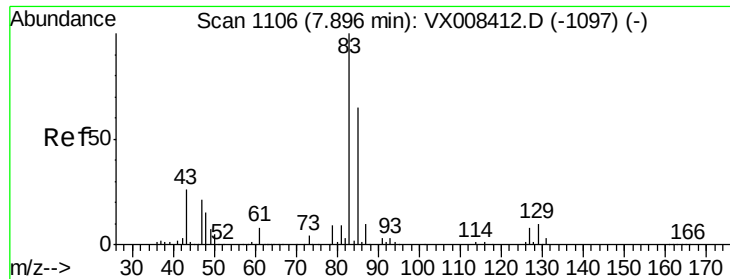
Tot Ion: 63 Resp: 138358
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.1 37.7



#46
 Dibromomethane
 Concen: 46.091 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008465.D
 Acq: 26 Mar 2019 19:31

Tgt Ion: 93 Resp: 79695
 Ion Ratio Lower Upper
 93 100
 95 84.3 67.0 100.6
 174 96.2 76.0 114.0





#47

Bromodichloromethane

Concen: 48.507 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

MW-104MSD

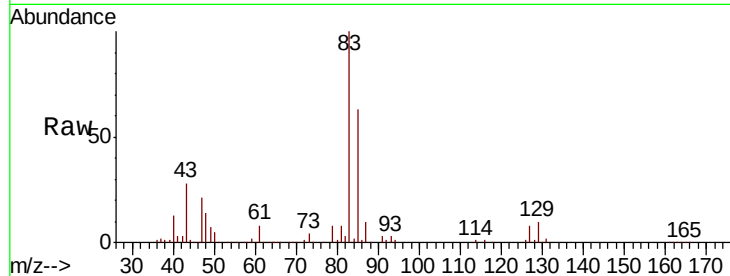
Tot Ion: 83 Resp: 160539

Ion Ratio Lower Upper

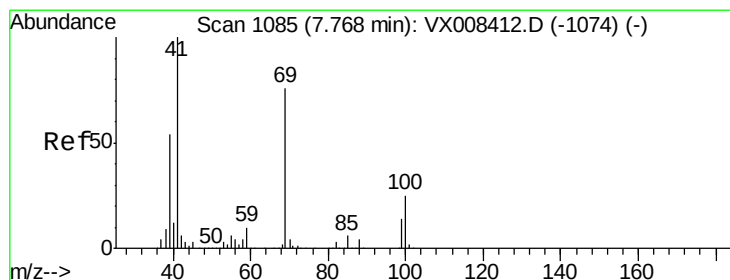
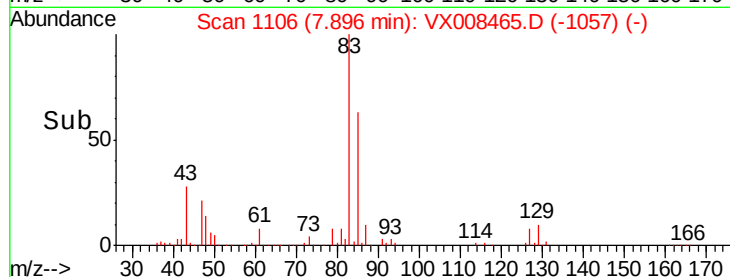
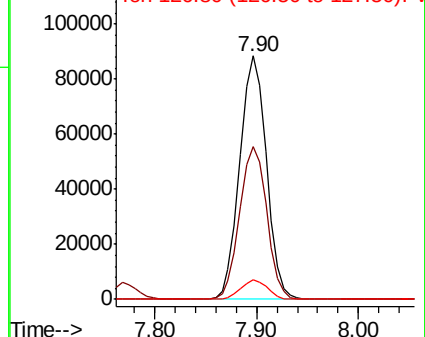
83 100

85 62.6 52.0 78.0

127 7.8 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.799 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

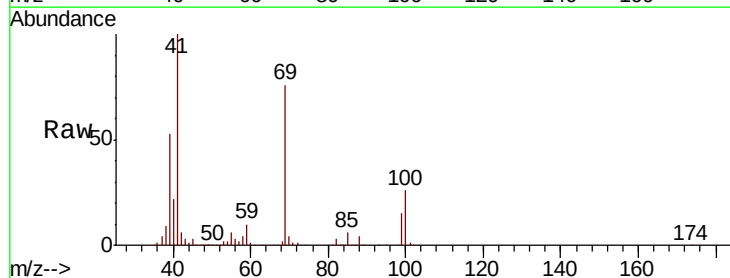
Tgt Ion: 41 Resp: 179663

Ion Ratio Lower Upper

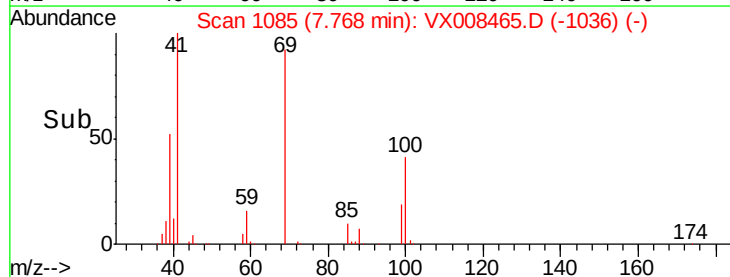
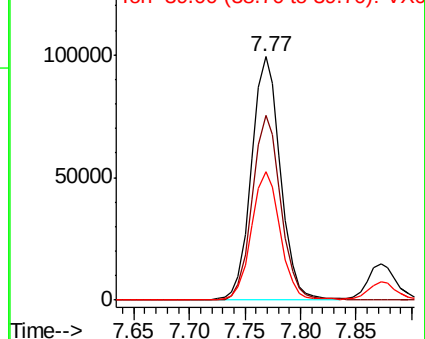
41 100

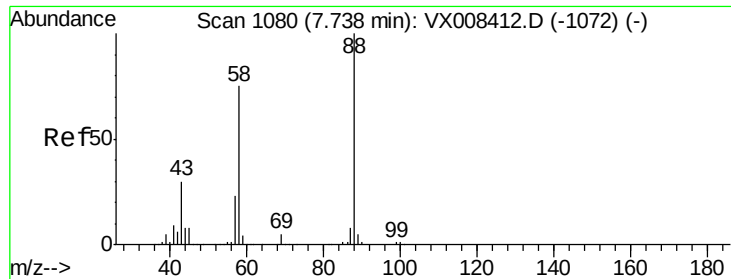
69 74.9 60.8 91.2

39 52.3 42.3 63.5



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

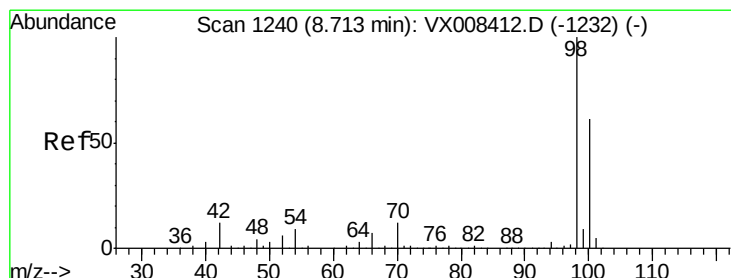
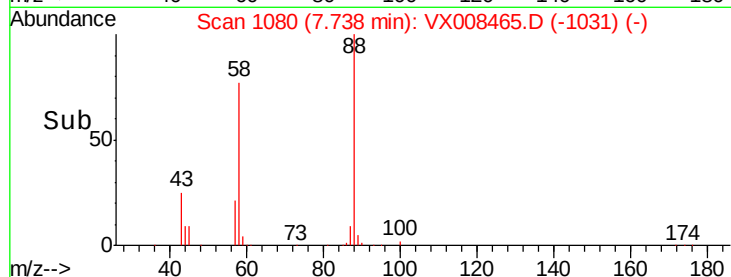
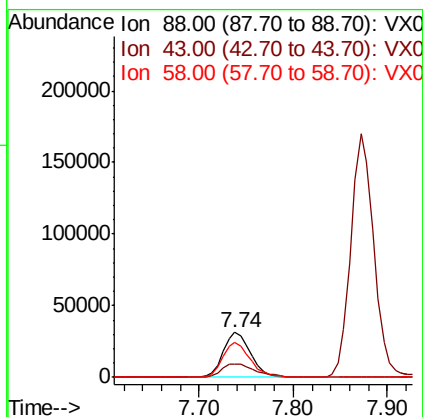
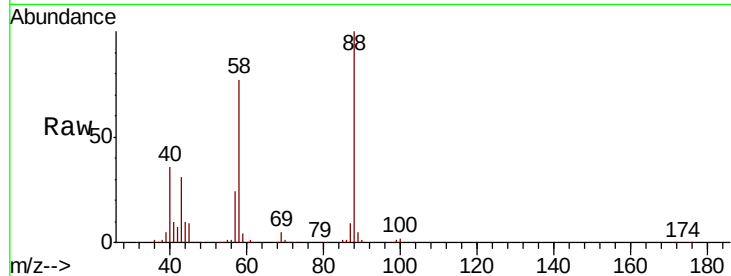




#49
 1,4-Dioxane
 Concen: 881.634 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008465.D
 Acq: 26 Mar 2019 19:31

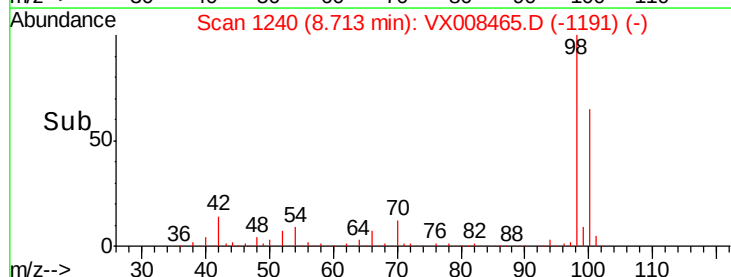
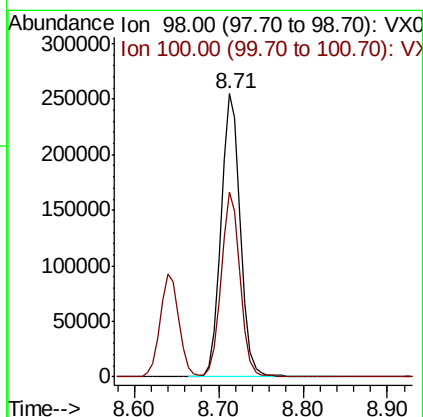
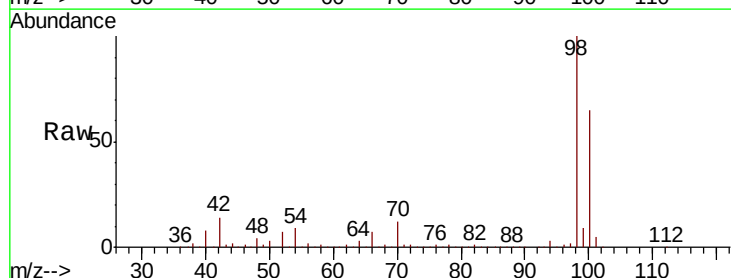
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-104MSD

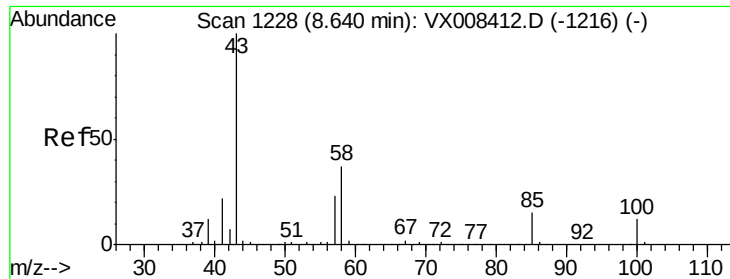
Tot Ion: 88 Resp: 63244
 Ion Ratio Lower Upper
 88 100
 43 36.1 28.6 43.0
 58 77.5 63.0 94.4



#50
 Toluene-d8
 Concen: 47.275 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008465.D
 Acq: 26 Mar 2019 19:31

Tgt Ion: 98 Resp: 402259
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 246.883 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

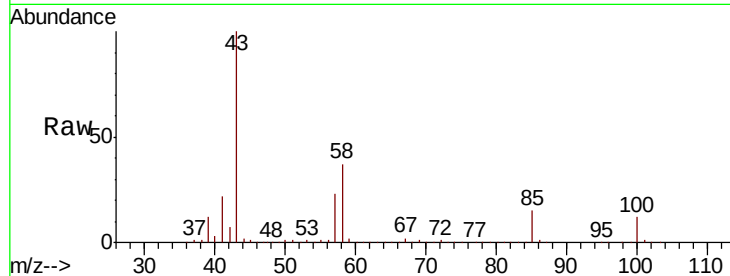
MW-104MSD

Tot Ion: 43 Resp: 1156201

Ion Ratio Lower Upper

43 100

58 37.3 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

800000

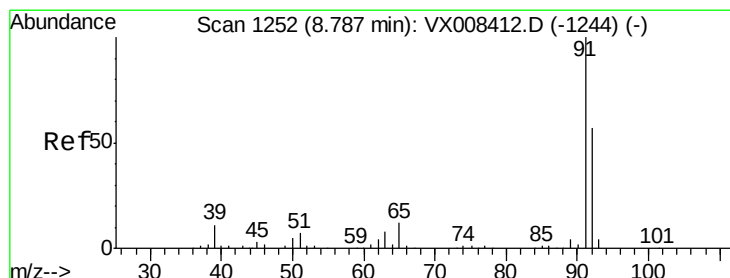
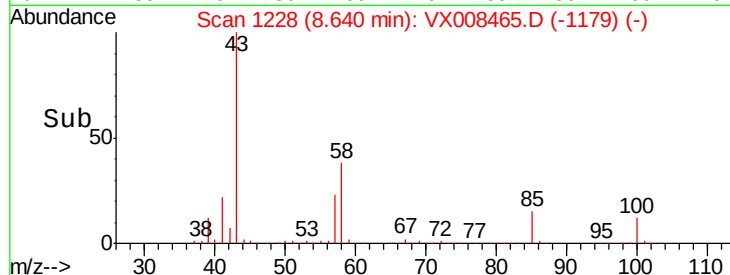
600000

400000

200000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 47.287 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008465.D

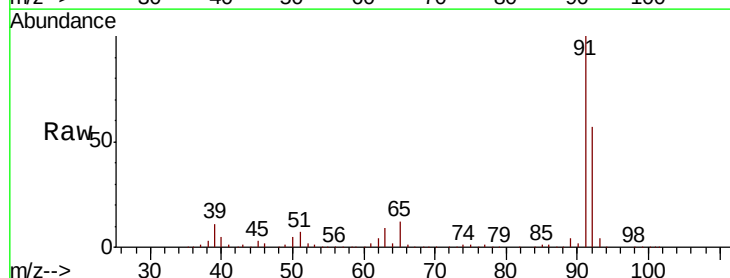
Acq: 26 Mar 2019 19:31

Tgt Ion: 92 Resp: 294541

Ion Ratio Lower Upper

92 100

91 174.9 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

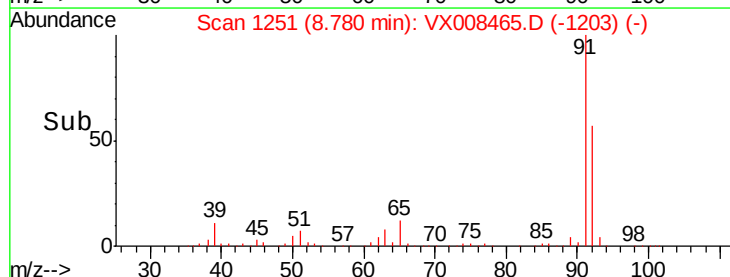
300000

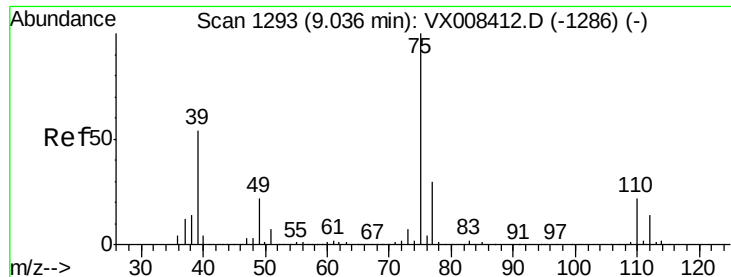
200000

100000

0

Time--> 8.70 8.80 8.90

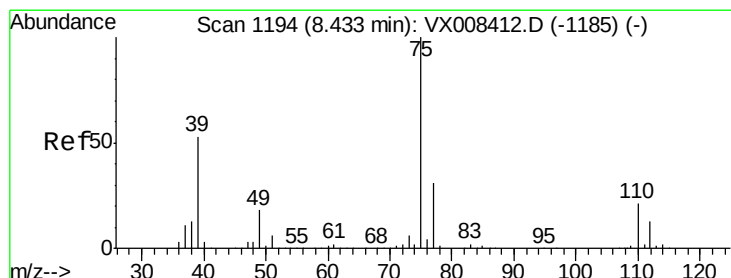
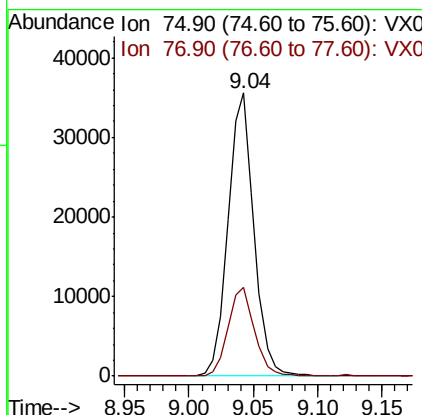
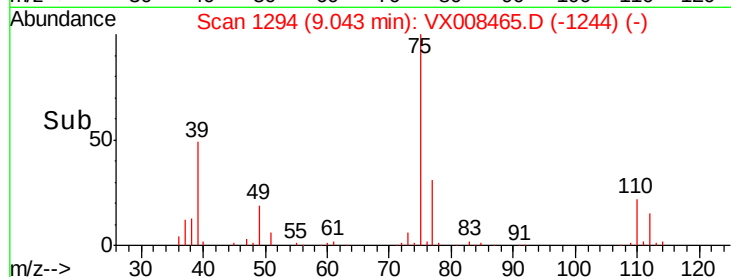
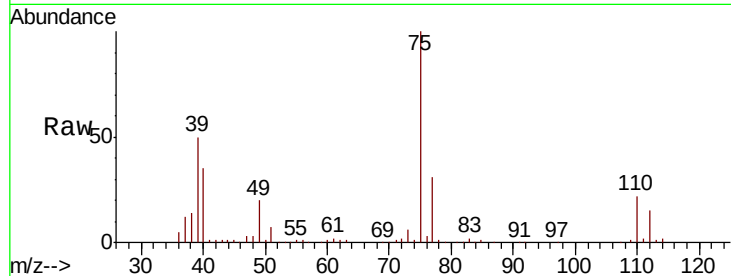




#53
 t-1,3-Dichloropropene
 Concen: 13.848 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX008465.D
 Acq: 26 Mar 2019 19:31

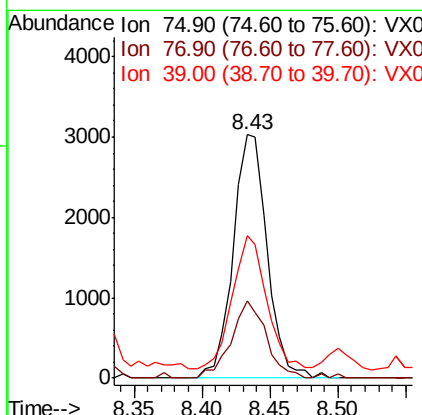
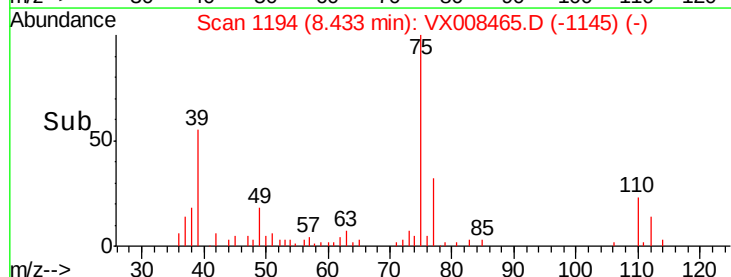
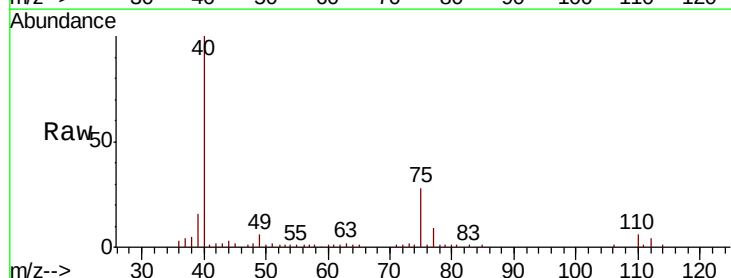
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-104MSD

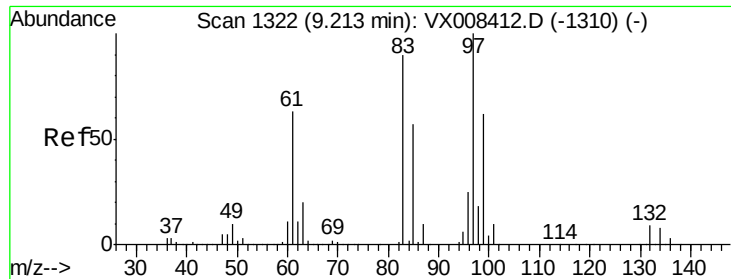
Tot Ion: 75 Resp: 50201
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 1.283 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008465.D
 Acq: 26 Mar 2019 19:31

Tgt Ion: 75 Resp: 5287
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.7 37.1
 39 54.7 42.4 63.6

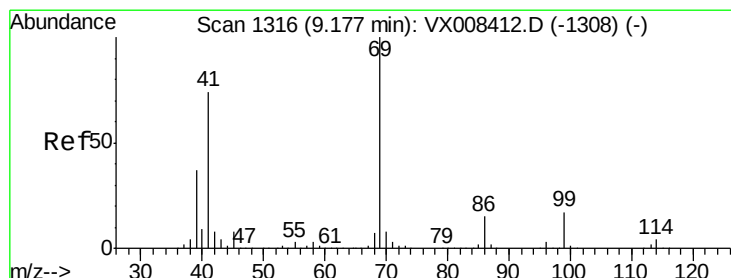
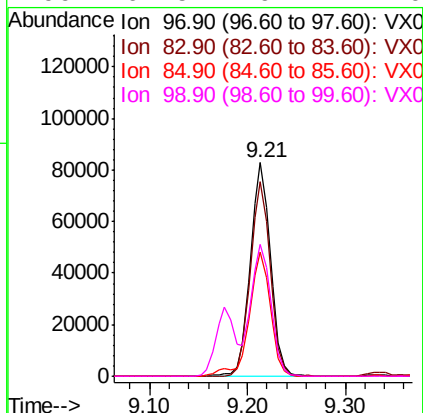
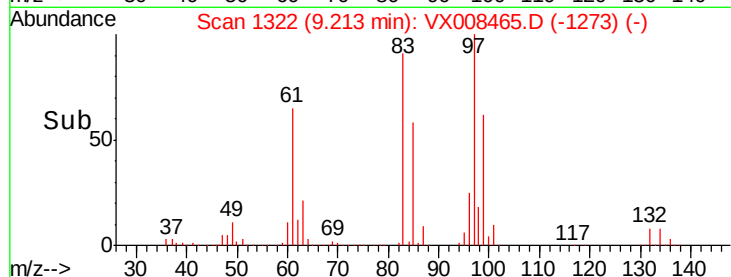
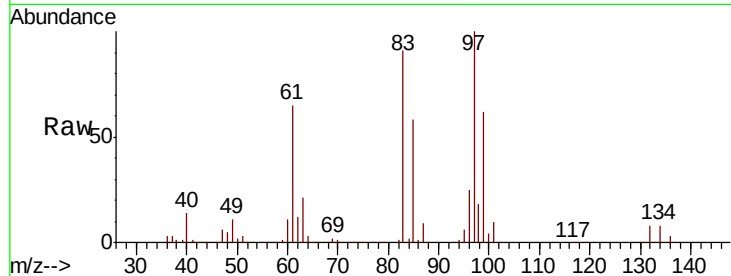




#55
 1,1,2-Trichloroethane
 Concen: 46.854 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008465.D
 Acq: 26 Mar 2019 19:31

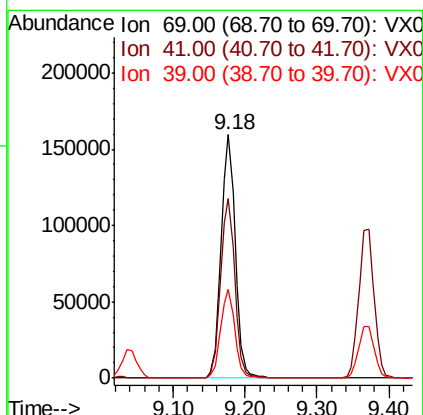
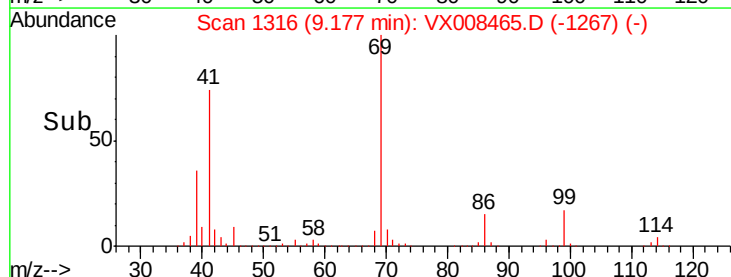
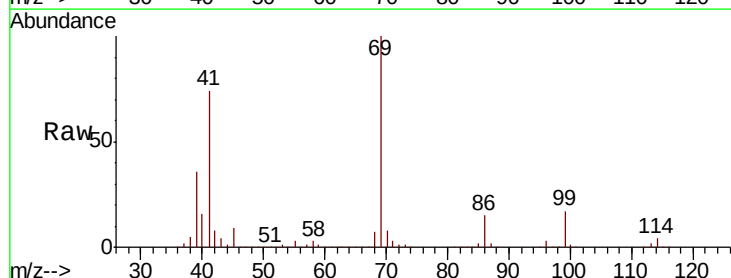
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-104MSD

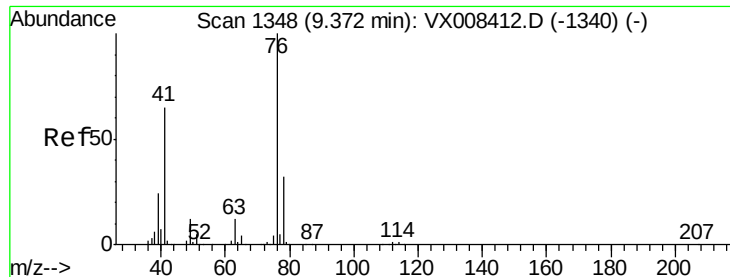
Tot Ion:	97	Resp:	118801
Ion	Ratio	Lower	Upper
97	100		
83	91.2	71.8	107.6
85	58.1	45.9	68.9
99	61.5	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 47.807 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008465.D
 Acq: 26 Mar 2019 19:31

Tgt Ion:	69	Resp:	218807
Ion	Ratio	Lower	Upper
69	100		
41	73.6	59.5	89.3
39	36.0	29.3	43.9

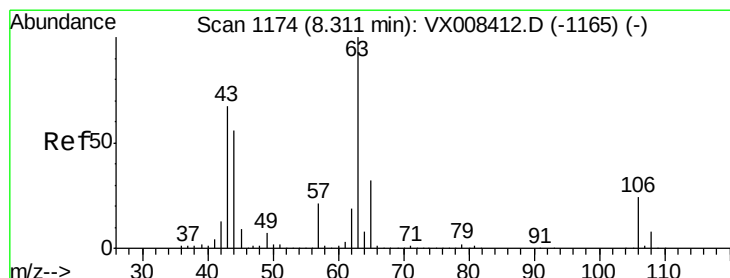
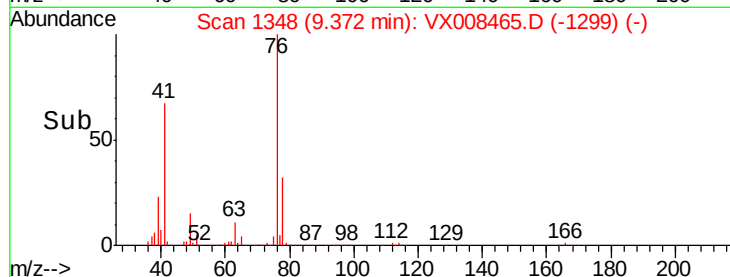
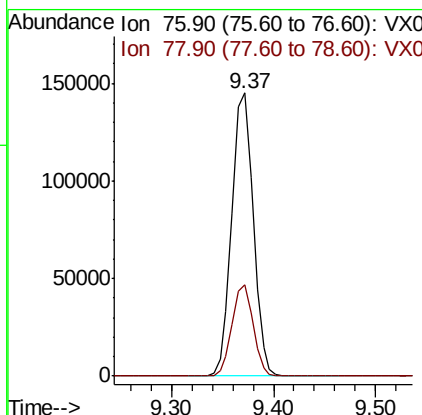
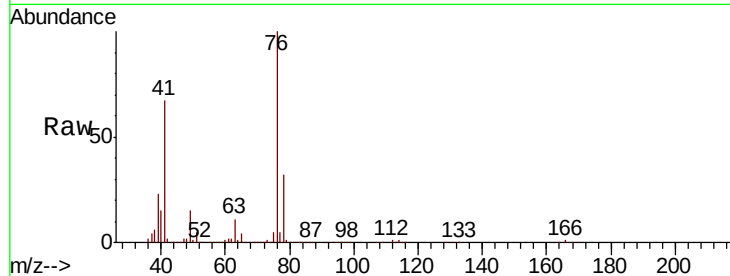




#57
 1,3-Dichloropropane
 Concen: 46.533 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008465.D
 Acq: 26 Mar 2019 19:31

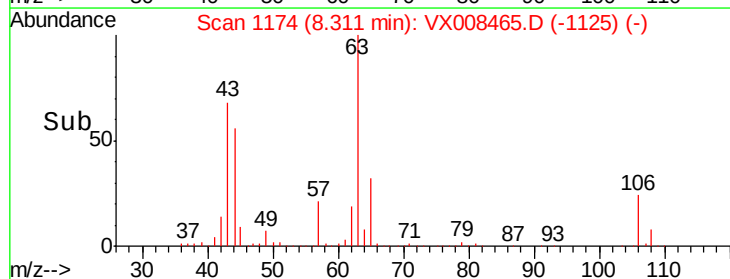
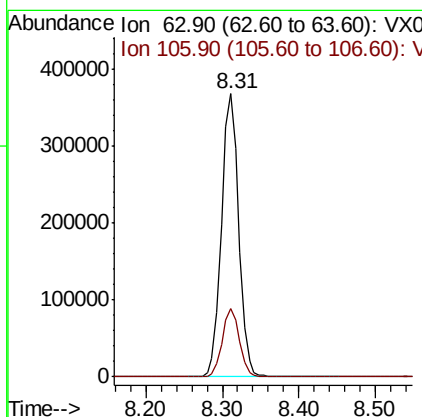
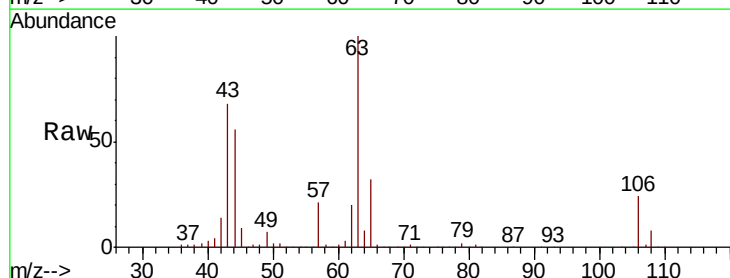
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-104MSD

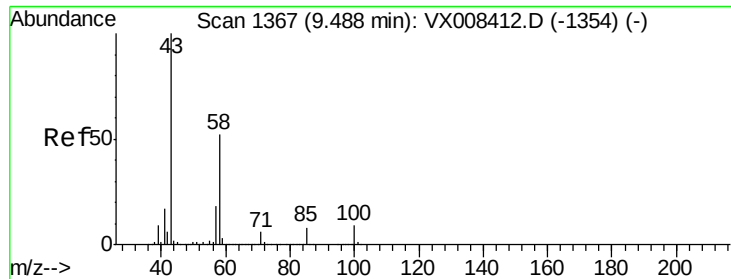
Tot Ion: 76 Resp: 211540
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.884 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008465.D
 Acq: 26 Mar 2019 19:31

Tgt Ion: 63 Resp: 572265
 Ion Ratio Lower Upper
 63 100
 106 24.1 19.0 28.6

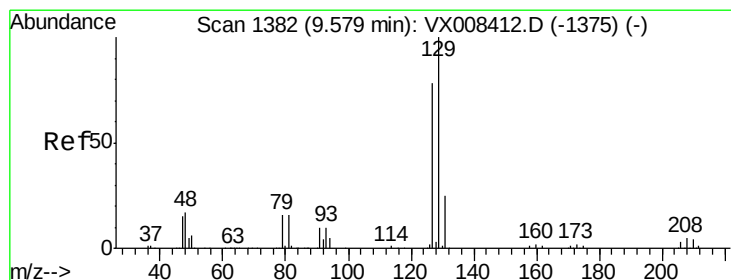
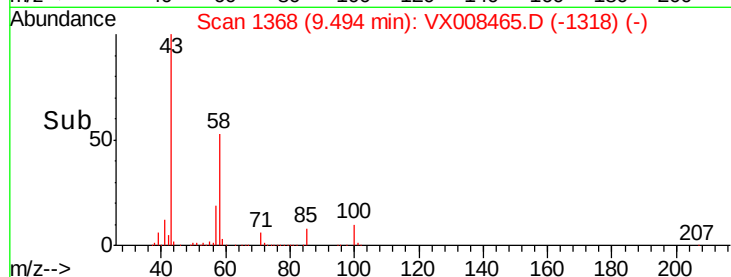
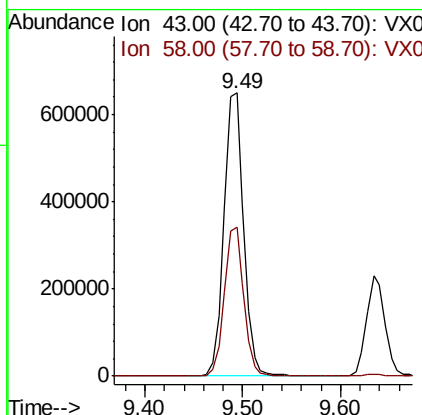
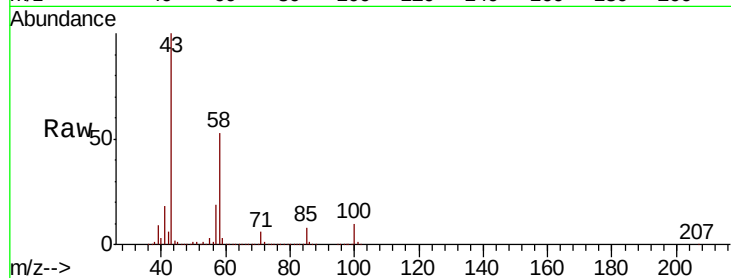




#59
2-Hexanone
Concen: 249.506 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

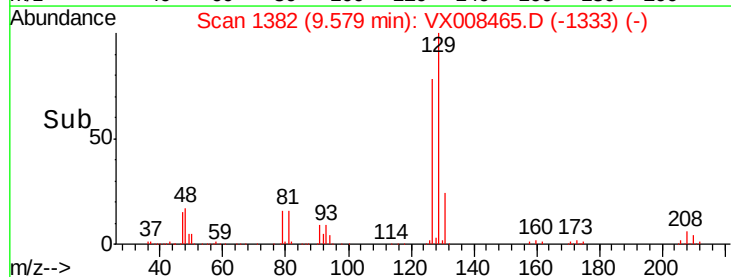
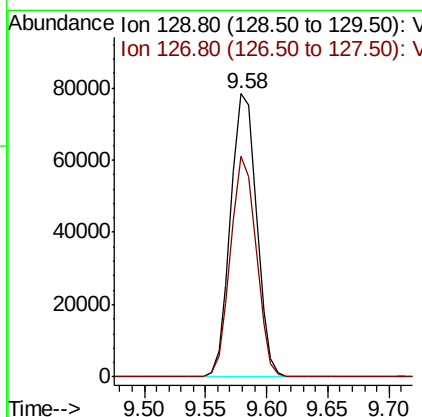
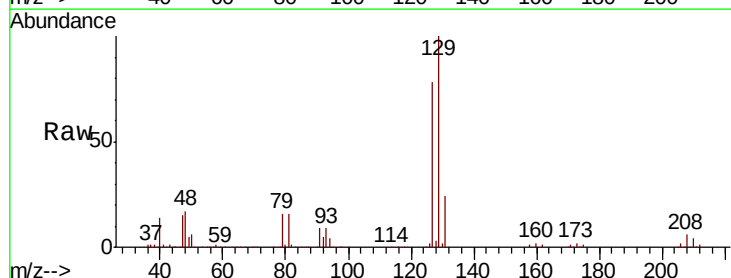
Instrument :
MSVOA_X
ClientSampleId :
MW-104MSD

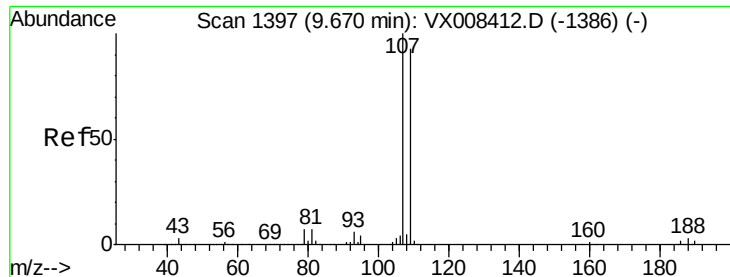
Tot Ion: 43 Resp: 905407
Ion Ratio Lower Upper
43 100
58 52.1 26.3 78.9



#60
Dibromochloromethane
Concen: 47.779 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

Tgt Ion:129 Resp: 115211
Ion Ratio Lower Upper
129 100
127 77.0 38.1 114.3





#61

1,2-Dibromoethane

Concen: 46.715 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

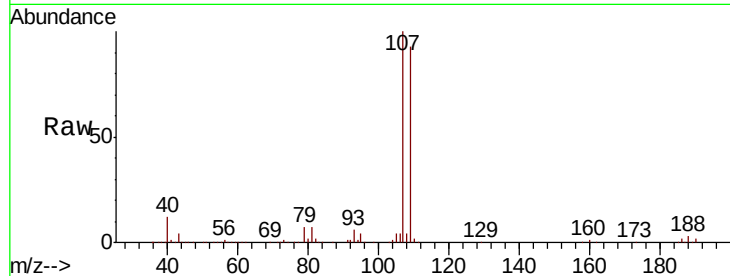
MW-104MSD

Tot Ion:107 Resp: 120879

Ion Ratio Lower Upper

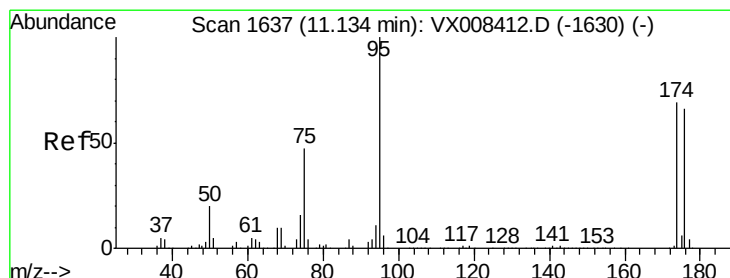
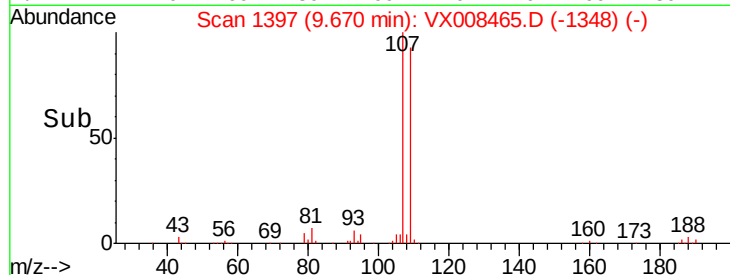
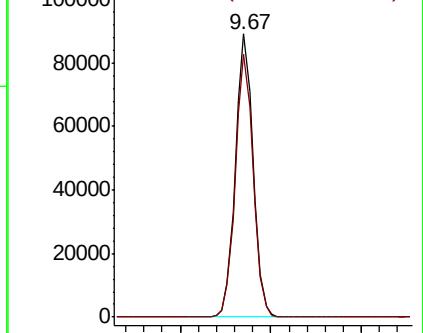
107 100

109 93.7 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.665 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

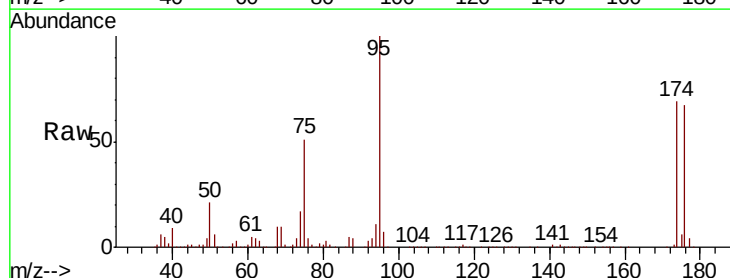
Tgt Ion: 95 Resp: 150294

Ion Ratio Lower Upper

95 100

174 74.6 0.0 147.2

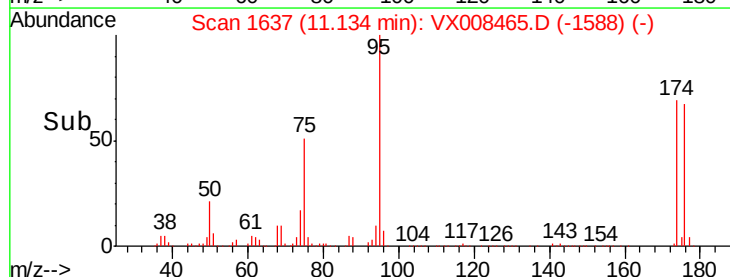
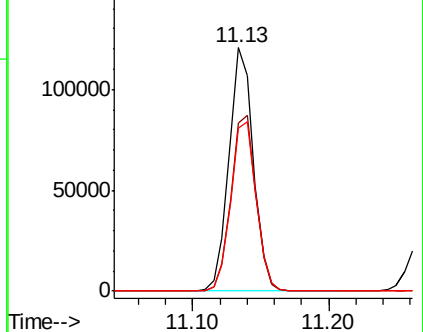
176 72.2 0.0 142.4

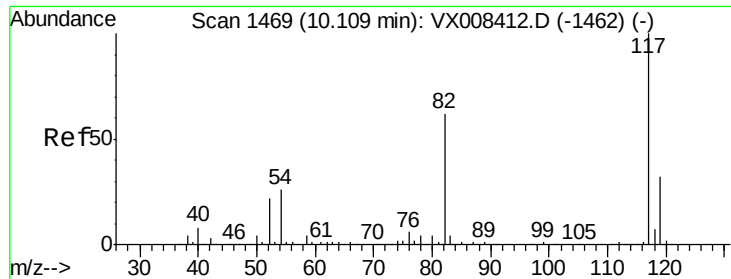


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

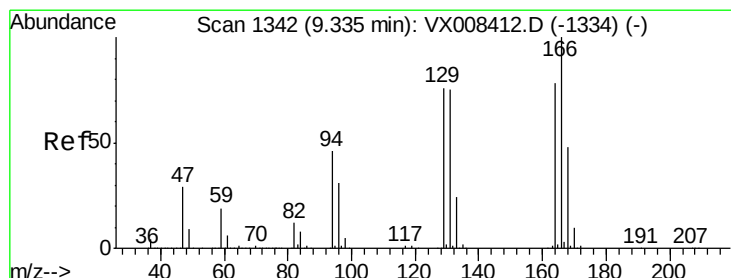
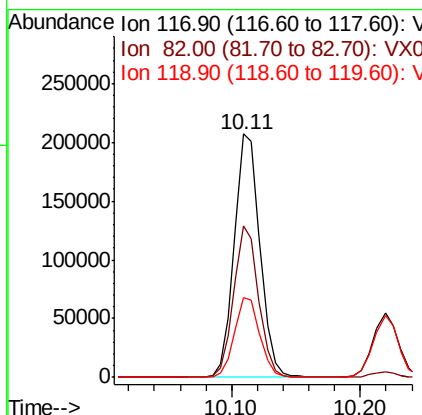
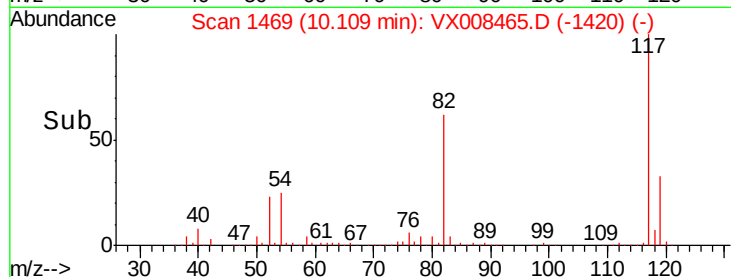
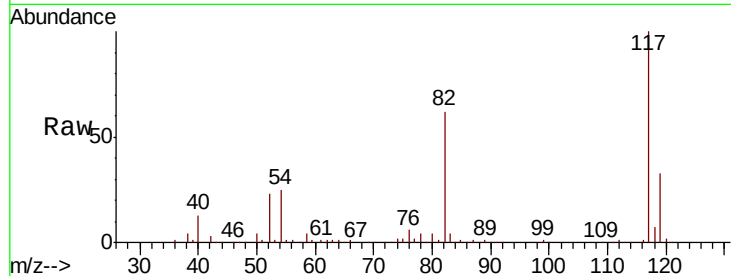




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

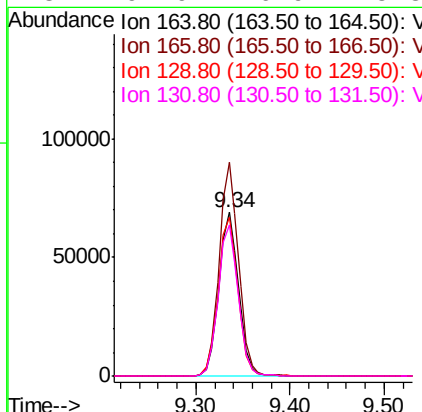
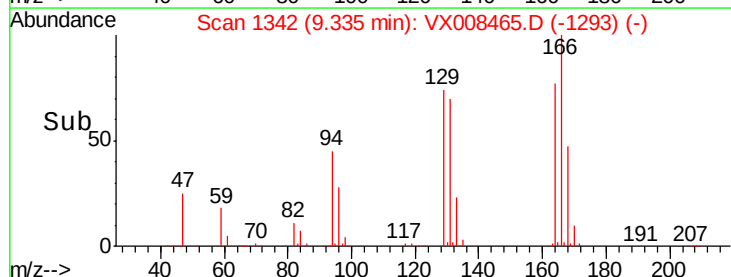
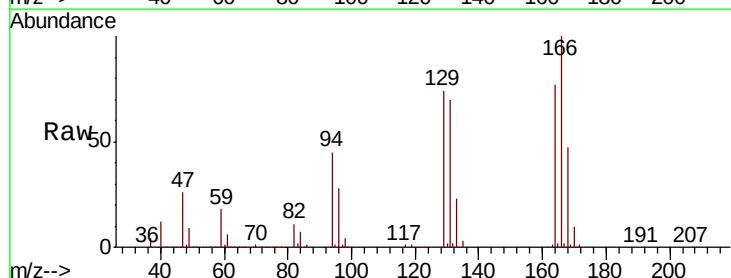
Instrument :
MSVOA_X
ClientSampled :
MW-104MSD

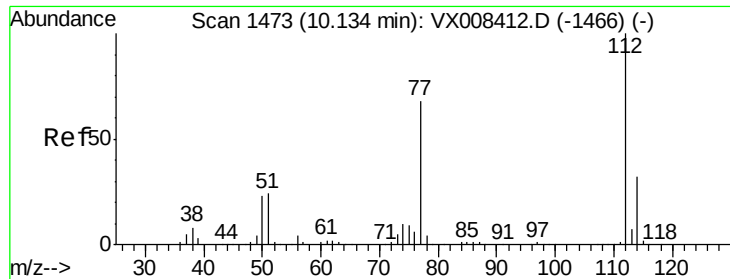
Tot Ion:117 Resp: 288419
Ion Ratio Lower Upper
117 100
82 62.2 49.4 74.2
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 51.104 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

Tgt Ion:164 Resp: 99786
Ion Ratio Lower Upper
164 100
166 130.4 102.5 153.7
129 96.6 77.8 116.8
131 91.9 76.9 115.3

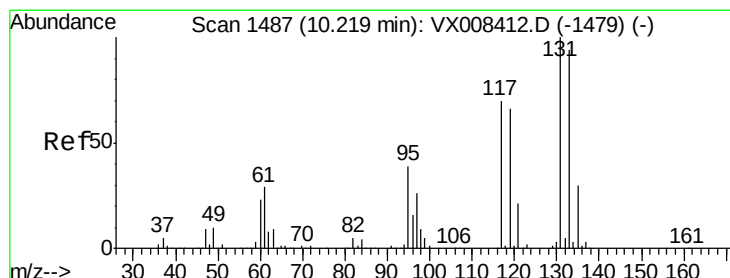
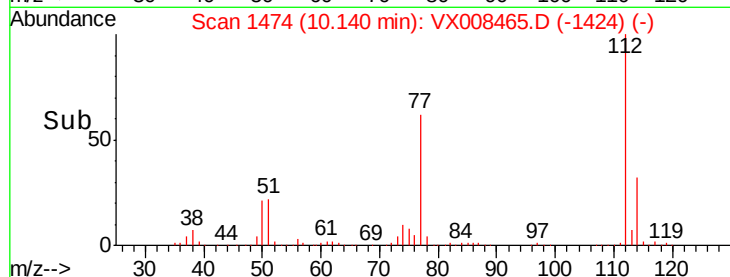
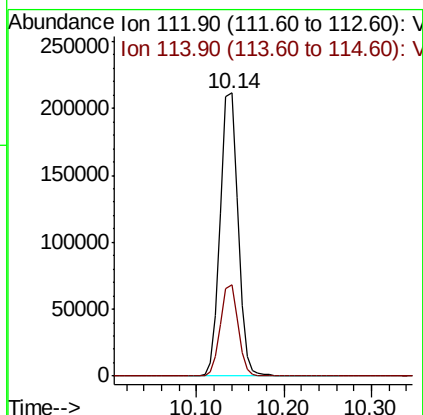
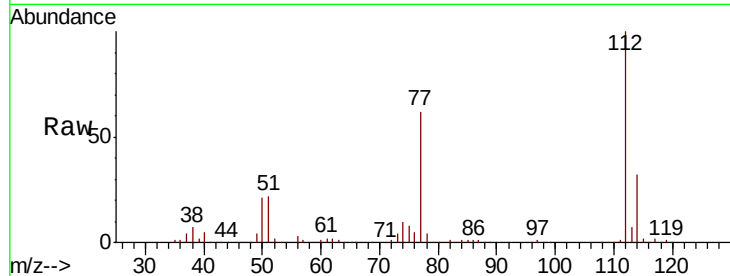




#65
Chlorobenzene
Concen: 47.317 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

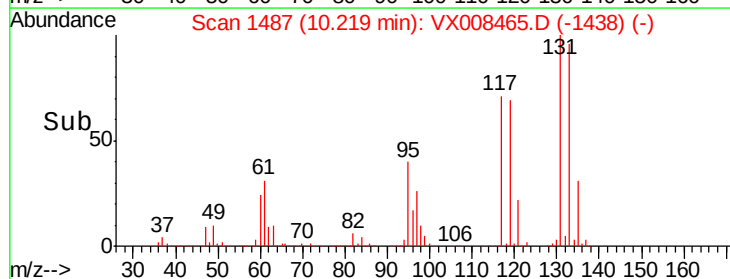
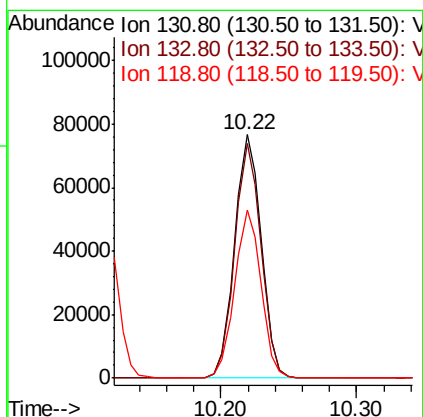
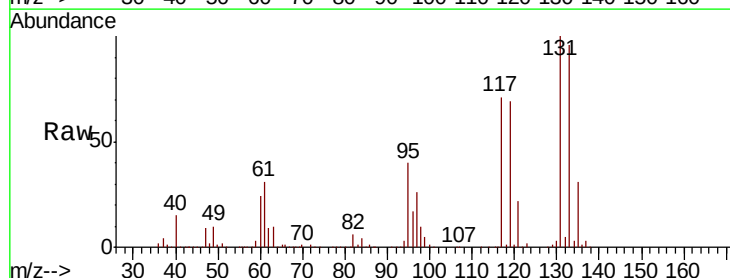
Instrument :
MSVOA_X
ClientSampleId :
MW-104MSD

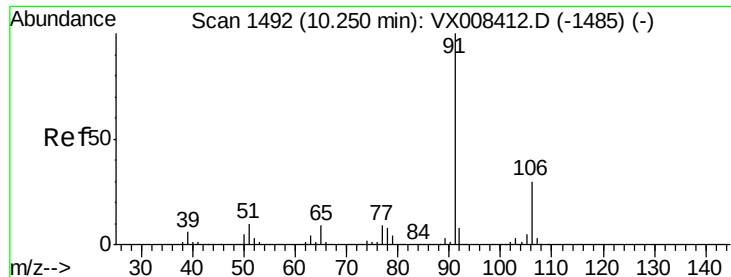
Tot Ion:112 Resp: 296781
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 48.370 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

Tgt Ion:131 Resp: 104673
Ion Ratio Lower Upper
131 100
133 95.5 47.3 141.8
119 68.1 33.6 100.6

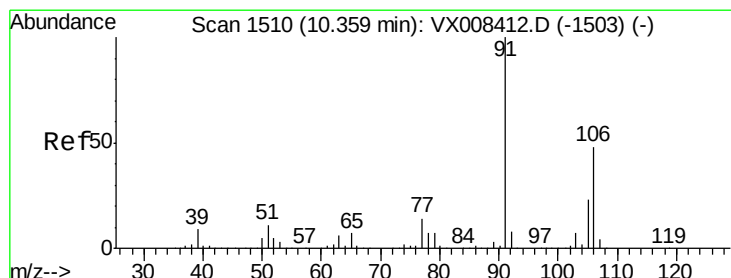
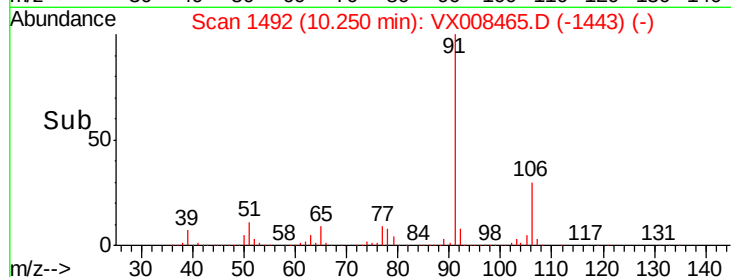
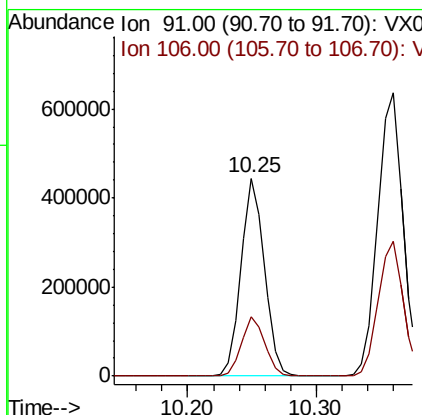
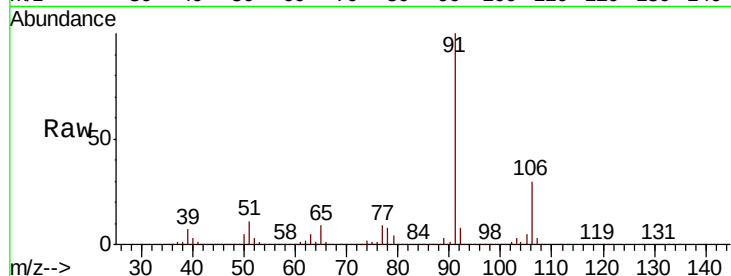




#67
Ethyl Benzene
Concen: 47.409 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

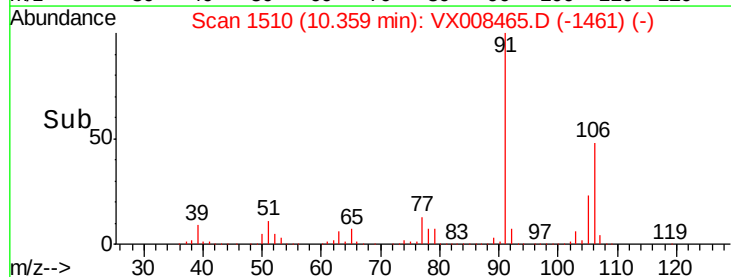
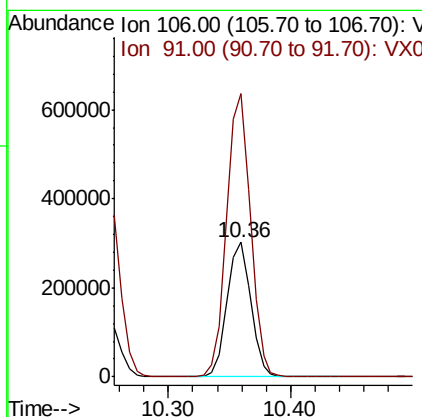
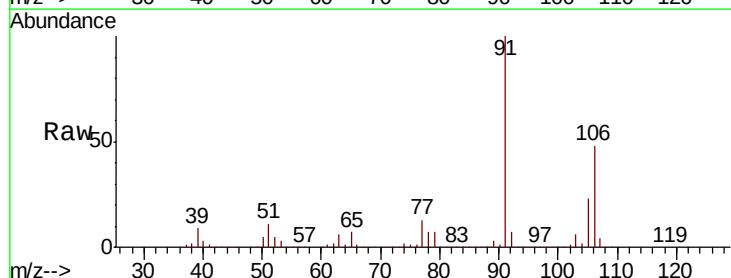
Instrument :
MSVOA_X
ClientSampleId :
MW-104MSD

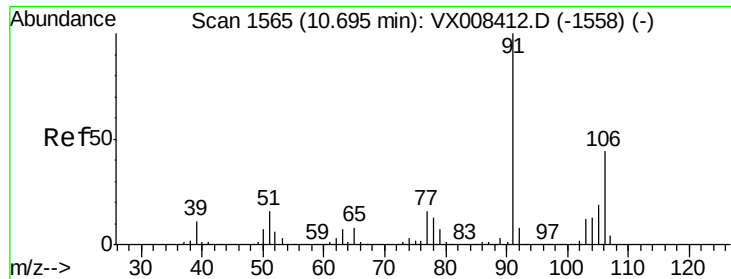
Tot Ion: 91 Resp: 561211
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0



#68
m/p-Xylenes
Concen: 94.409 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

Tgt Ion: 106 Resp: 406568
Ion Ratio Lower Upper
106 100
91 211.0 168.6 253.0

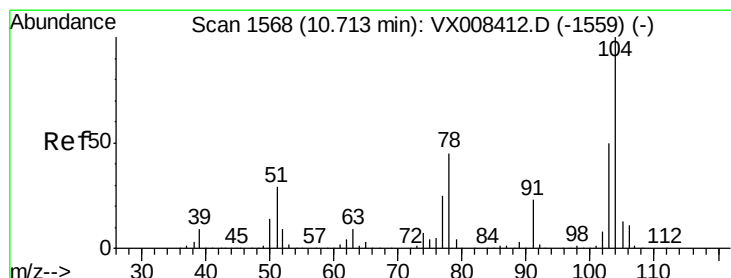
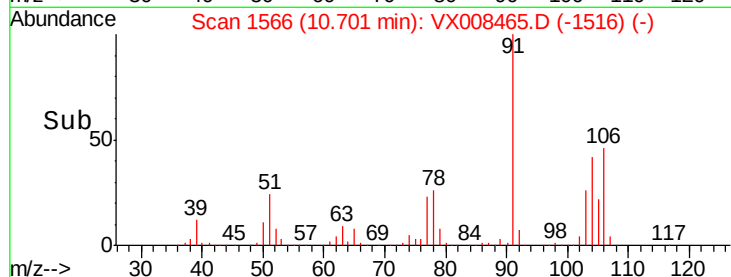
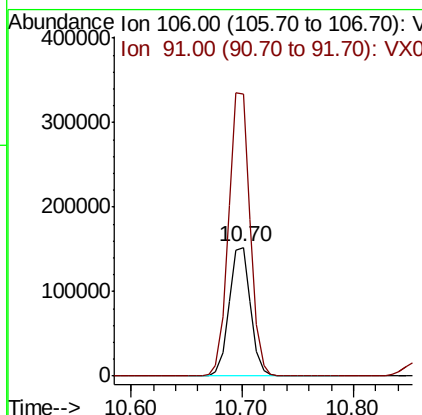
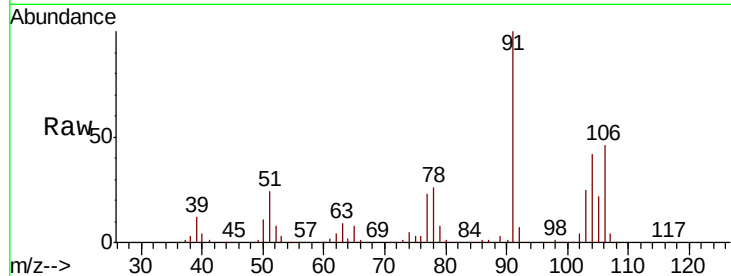




#69
o-Xylene
Concen: 48.300 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

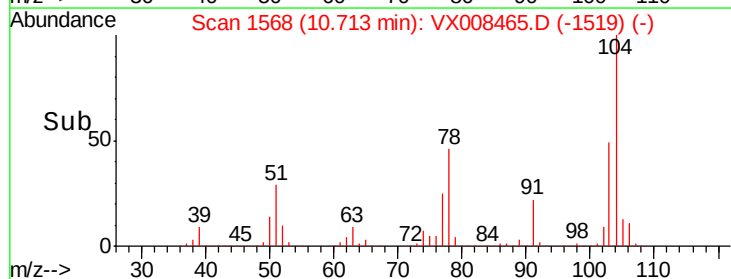
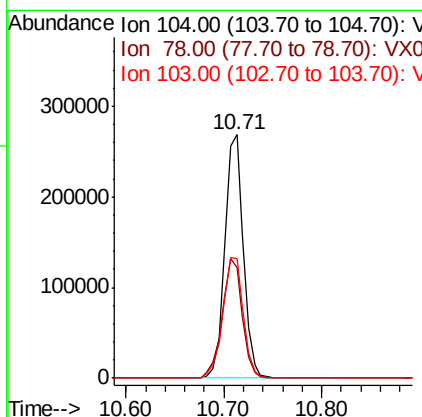
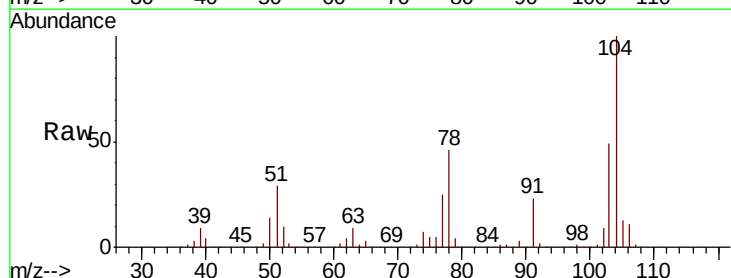
Instrument :
MSVOA_X
ClientSampleId :
MW-104MSD

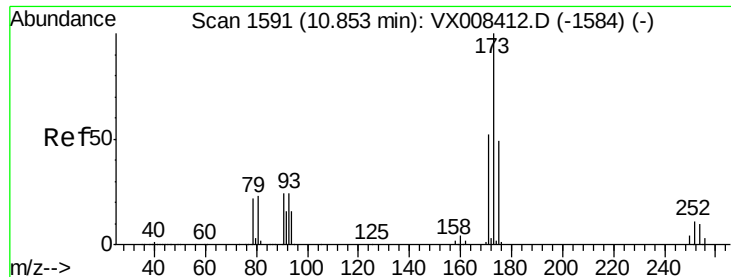
Tot Ion:106 Resp: 201850
Ion Ratio Lower Upper
106 100
91 221.7 111.4 334.2



#70
Styrene
Concen: 48.601 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

Tgt Ion:104 Resp: 350844
Ion Ratio Lower Upper
104 100
78 53.2 42.5 63.7
103 55.1 44.2 66.4

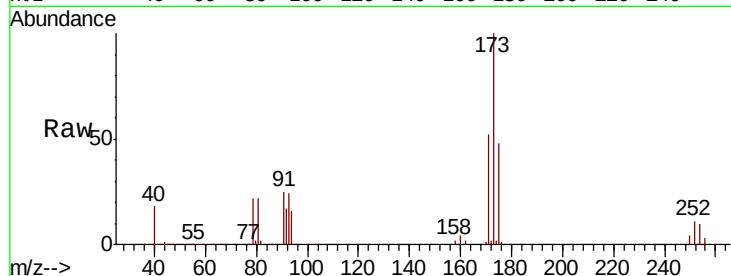




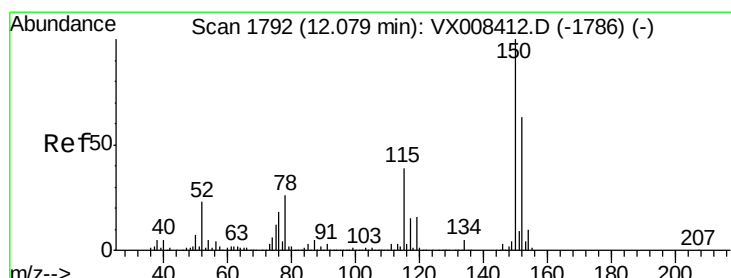
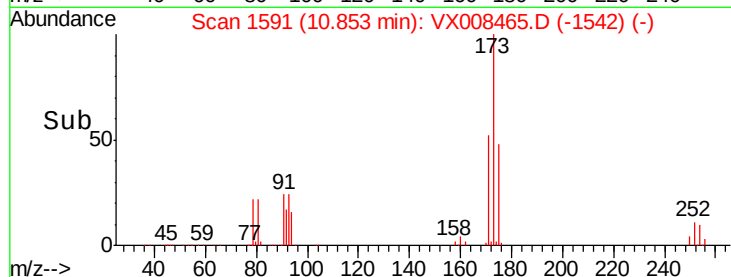
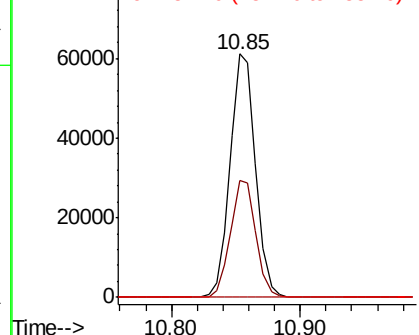
#71
Bromoform
Concen: 49.518 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

Instrument :
MSVOA_X
ClientSampleId :
MW-104MSD

Tot Ion:173 Resp: 84625
Ion Ratio Lower Upper
173 100
175 48.2 24.3 72.8
254 0.2 0.2 0.2

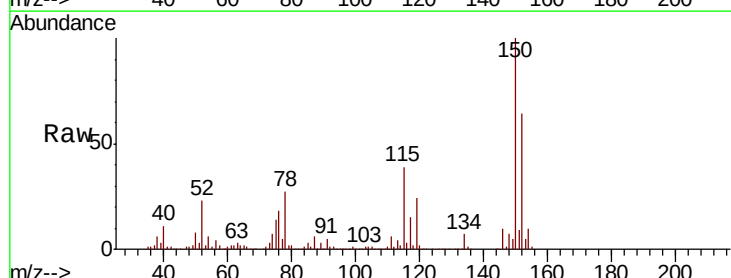


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

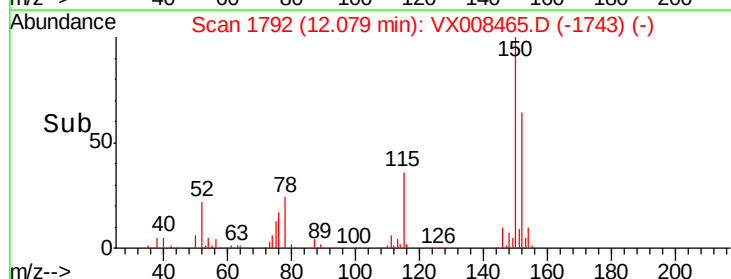
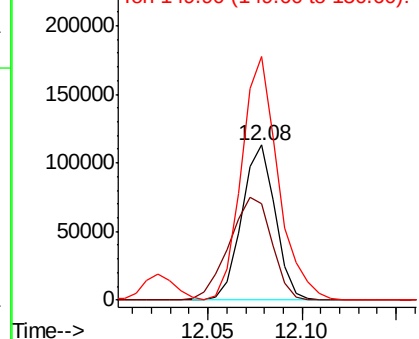


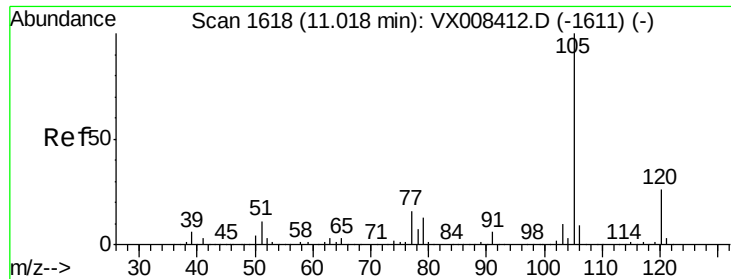
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

Tgt Ion:152 Resp: 138255
Ion Ratio Lower Upper
152 100
115 85.2 43.5 130.5
150 173.2 0.0 348.8



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





#73

Isopropylbenzene

Concen: 46.399 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

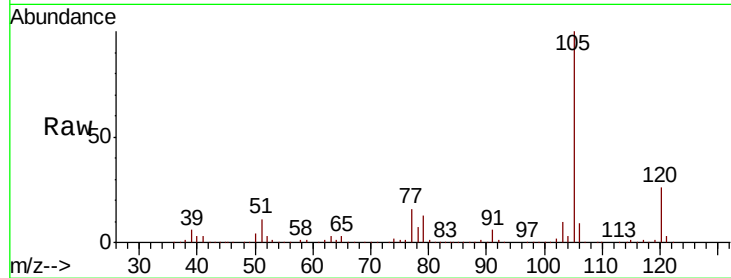
MW-104MSD

Tot Ion:105 Resp: 521885

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

400000

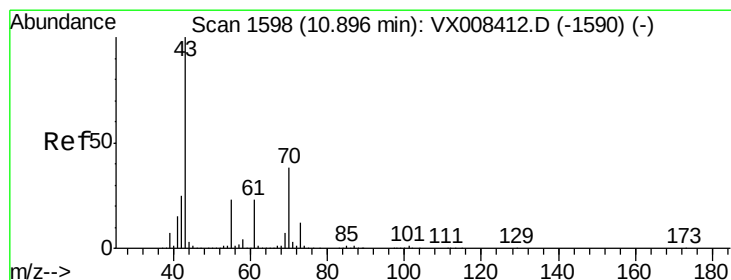
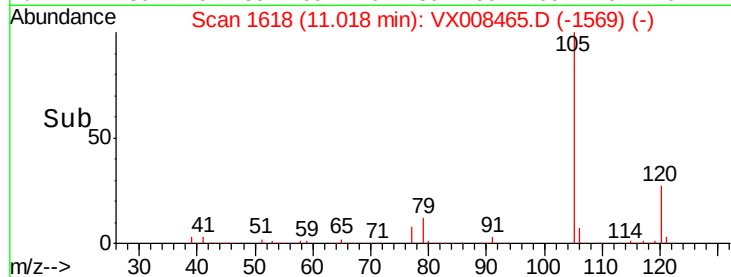
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 45.025 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

Tgt Ion: 43 Resp: 293124

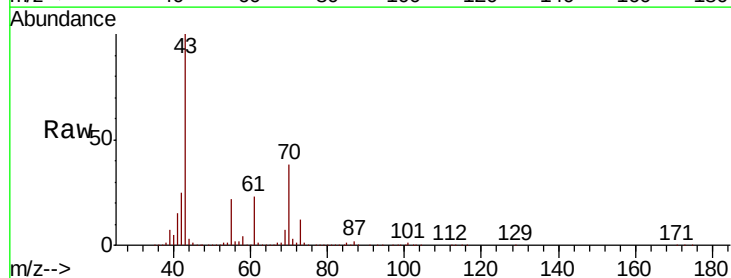
Ion Ratio Lower Upper

43 100

70 38.0 30.5 45.7

55 22.7 18.2 27.2

61 23.1 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

400000

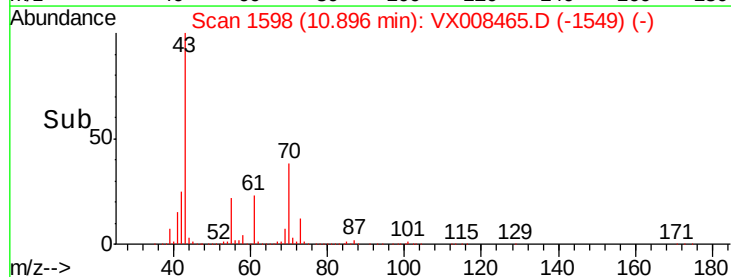
300000

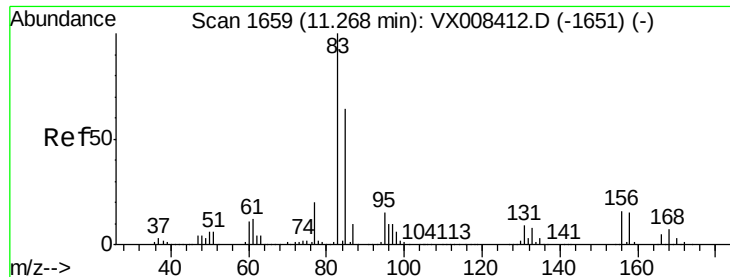
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.665 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

MW-104MSD

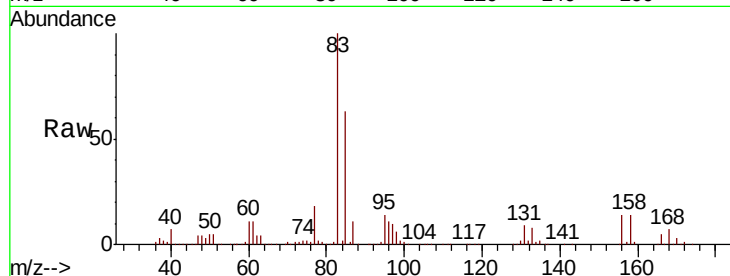
Tot Ion: 83 Resp: 203649

Ion Ratio Lower Upper

83 100

131 9.0 4.5 13.4

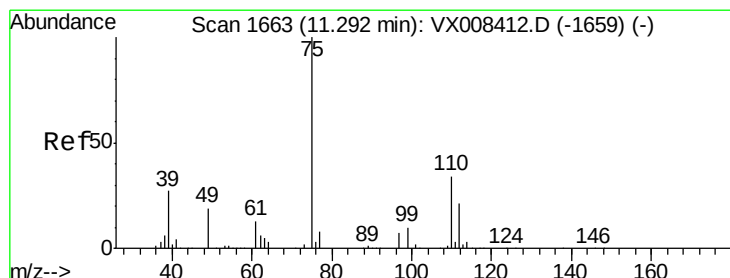
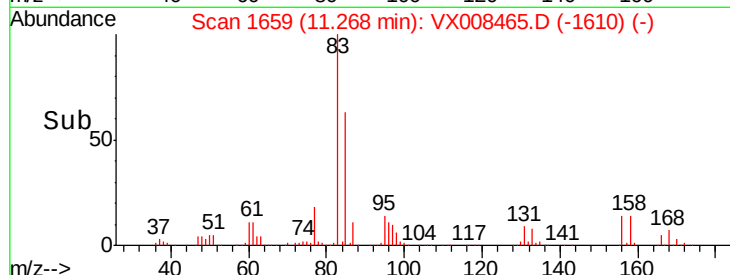
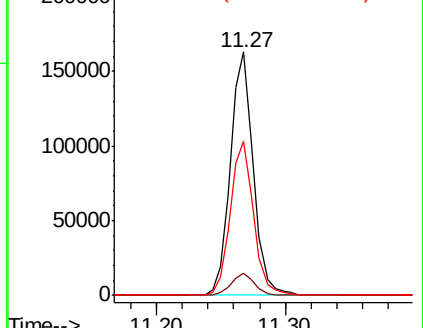
85 64.0 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 41.424 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008465.D

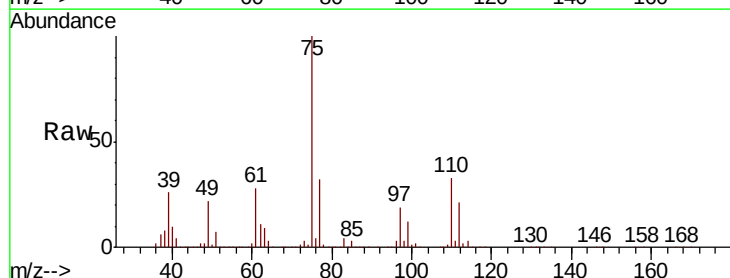
Acq: 26 Mar 2019 19:31

Tgt Ion: 75 Resp: 170260

Ion Ratio Lower Upper

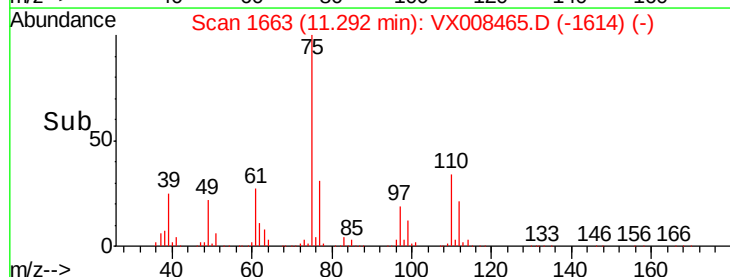
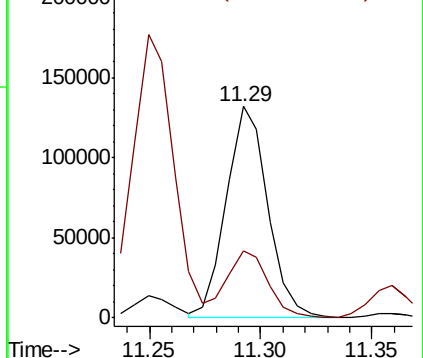
75 100

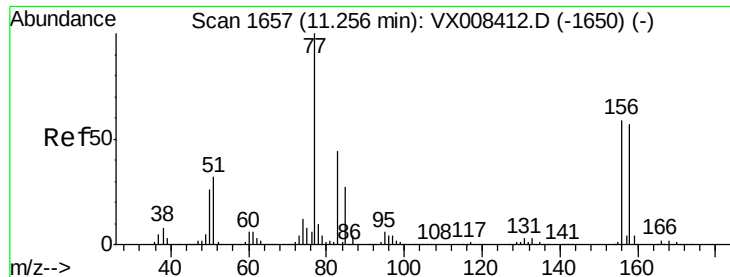
77 32.0 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.878 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

MW-104MSD

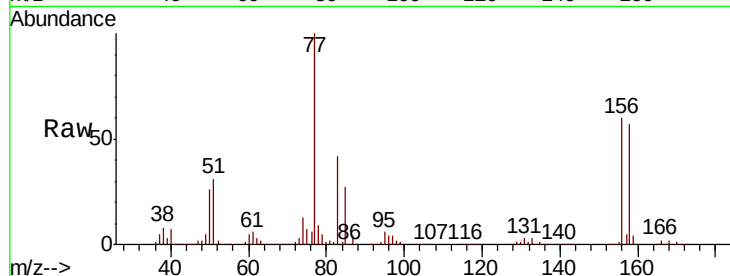
Tot Ion:156 Resp: 125239

Ion Ratio Lower Upper

156 100

77 181.3 91.1 273.3

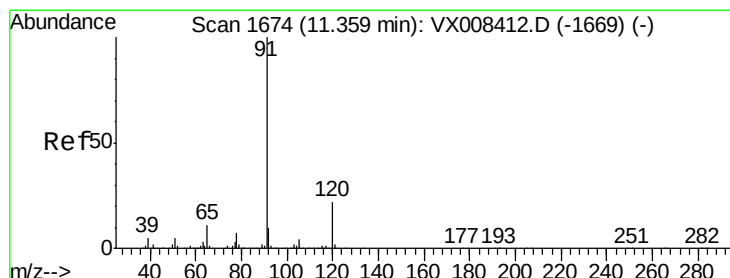
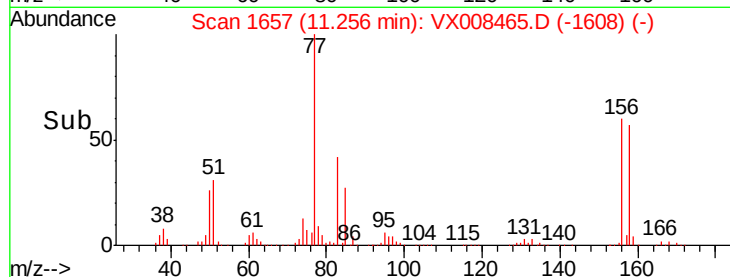
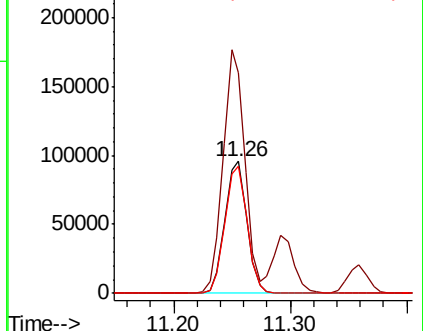
158 97.4 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.012 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008465.D

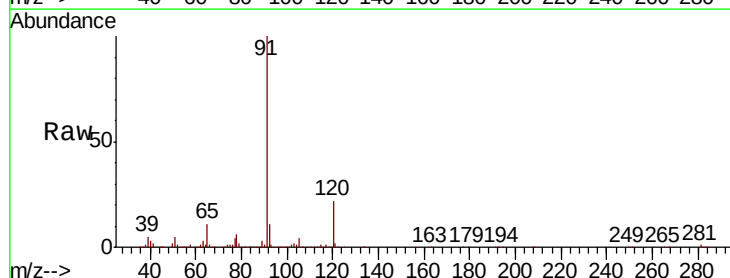
Acq: 26 Mar 2019 19:31

Tgt Ion: 91 Resp: 619425

Ion Ratio Lower Upper

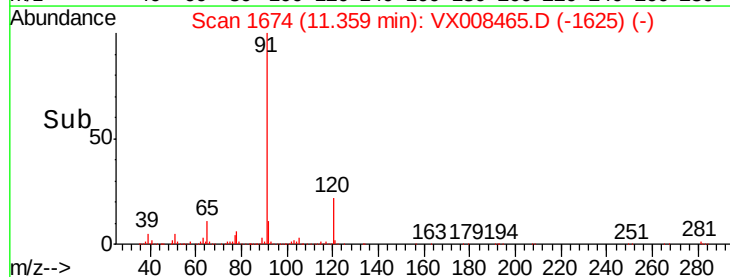
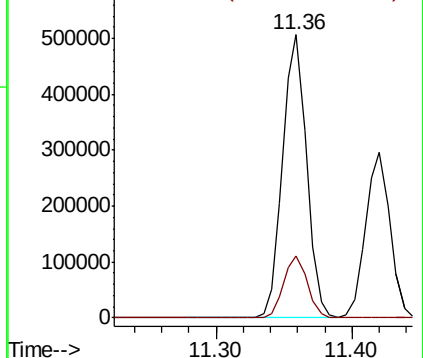
91 100

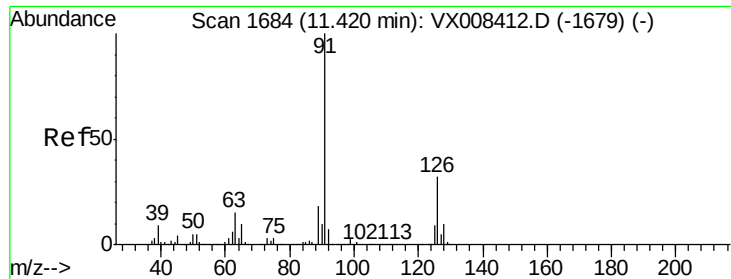
120 21.6 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.118 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

Instrument :

MSVOA_X

ClientSampled :

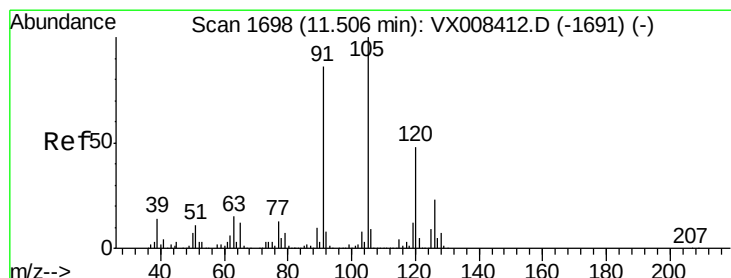
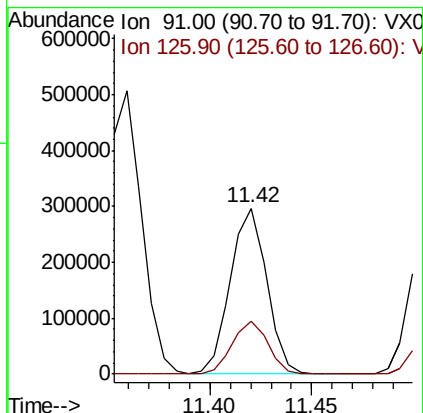
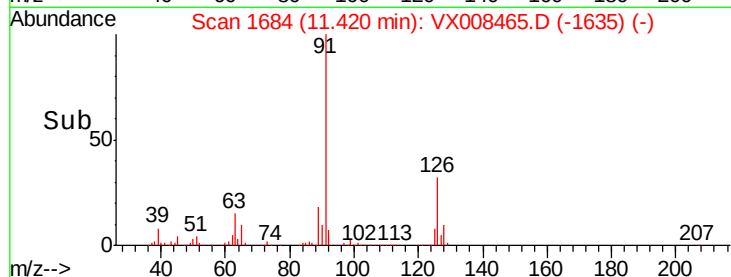
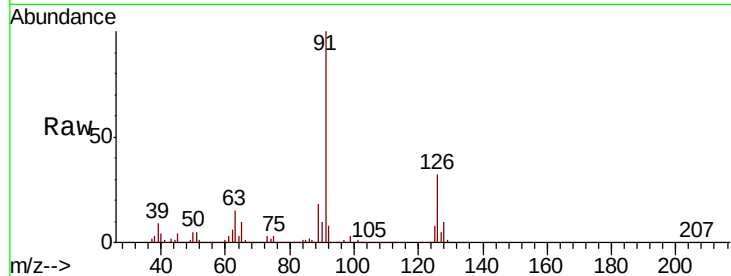
MW-104MSD

Tot Ion: 91 Resp: 369596

Ion Ratio Lower Upper

91 100

126 31.8 15.7 47.1



#80

1,3,5-Trimethylbenzene

Concen: 46.936 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008465.D

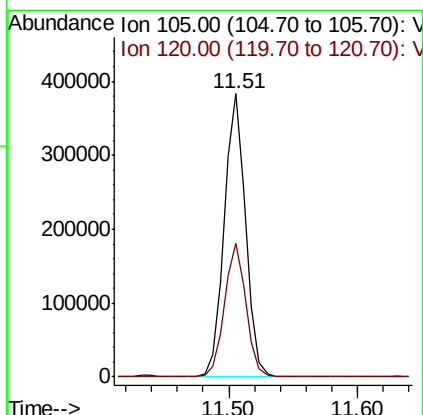
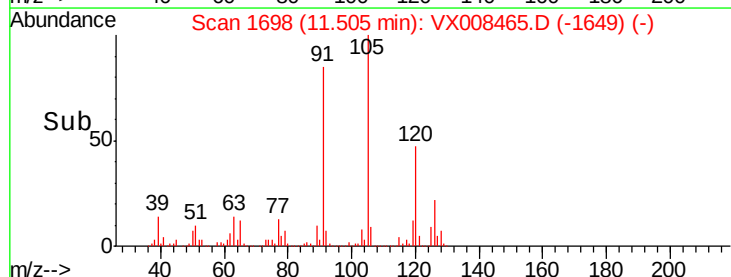
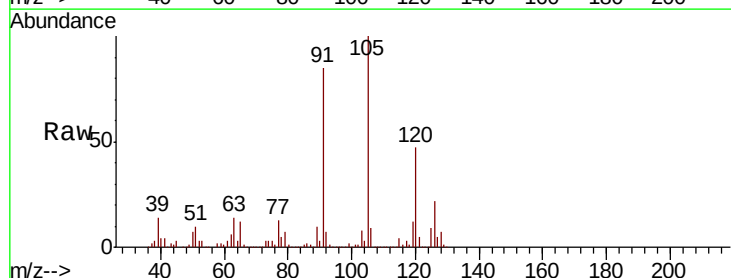
Acq: 26 Mar 2019 19:31

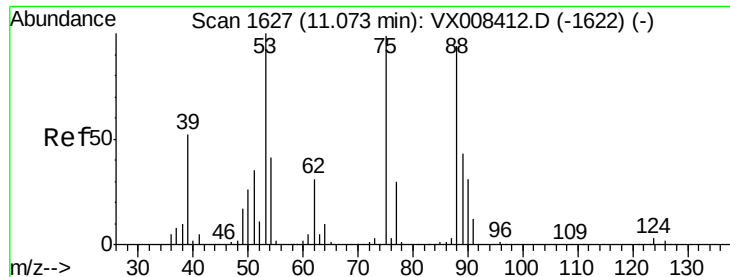
Tgt Ion: 105 Resp: 446319

Ion Ratio Lower Upper

105 100

120 47.2 23.4 70.3





#81

trans-1,4-Dichloro-2-butene

Concen: 4.813 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.05 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

Instrument :

MSVOA_X

ClientSampled :

MW-104MSD

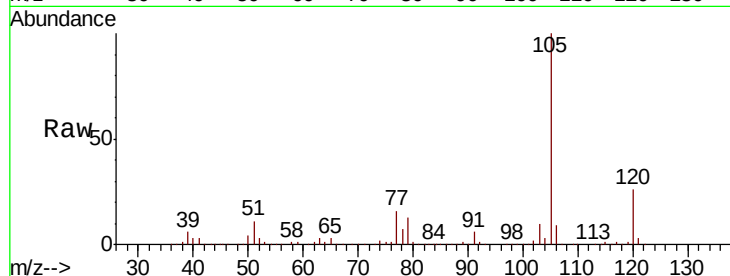
Tot Ion: 75 Resp: 6176

Ion Ratio Lower Upper

75 100

53 121.3 82.1 123.1

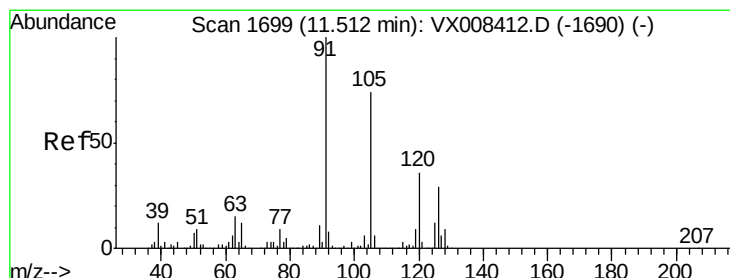
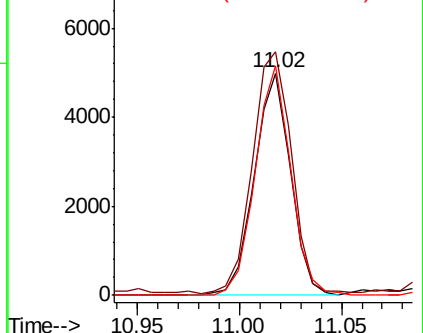
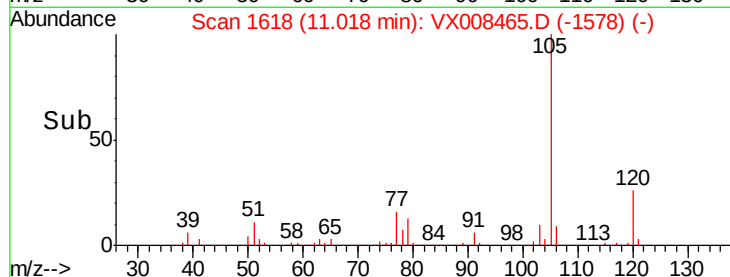
89 101.3 34.6 52.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 46.111 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008465.D

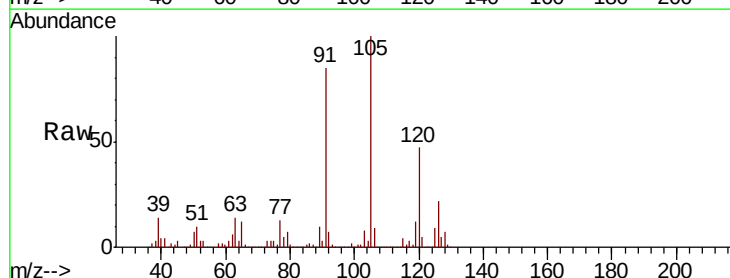
Acq: 26 Mar 2019 19:31

Tgt Ion: 91 Resp: 426260

Ion Ratio Lower Upper

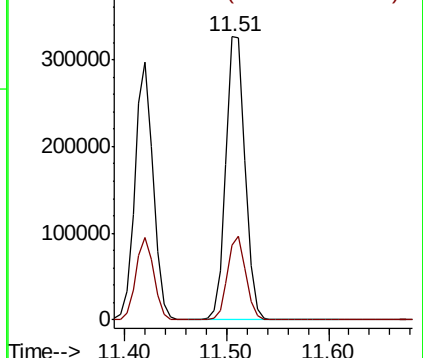
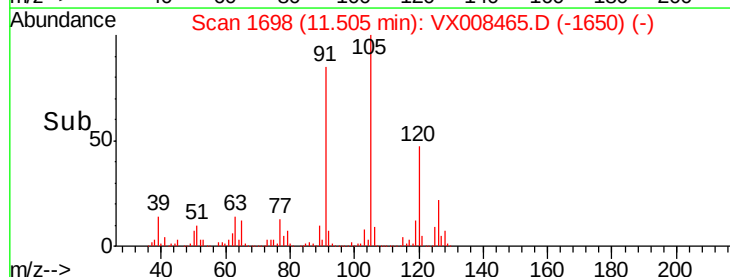
91 100

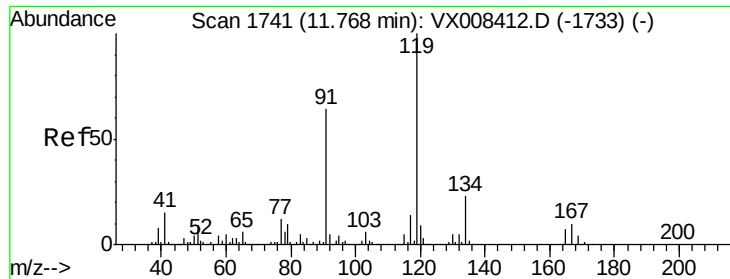
126 27.9 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

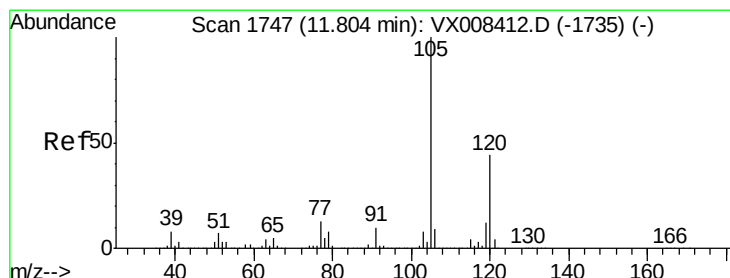
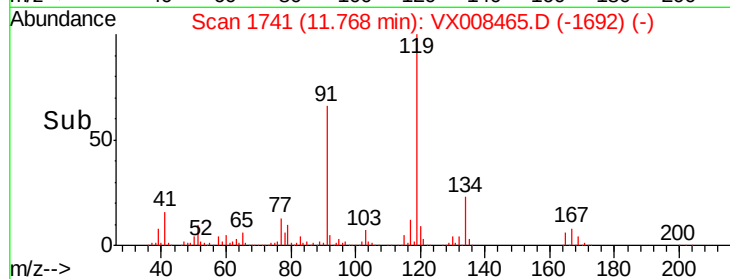
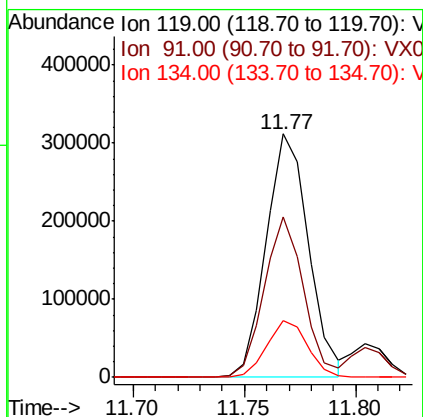
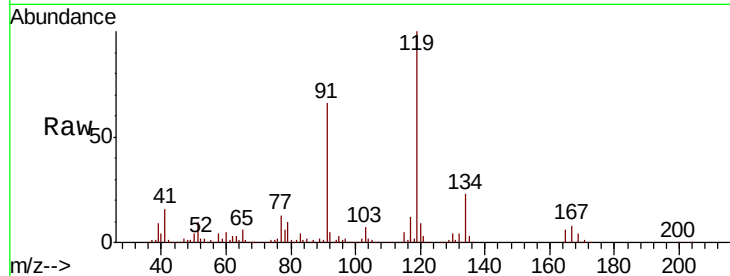




#83
 tert-Butylbenzene
 Concen: 44.819 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008465.D
 Acq: 26 Mar 2019 19:31

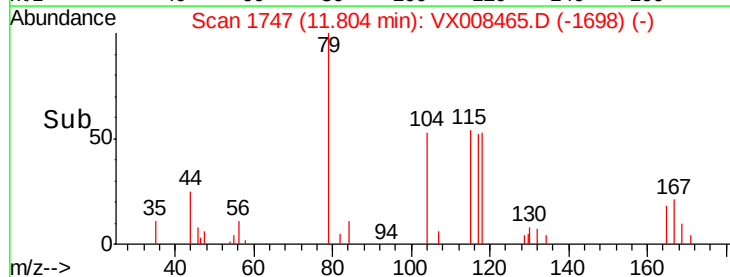
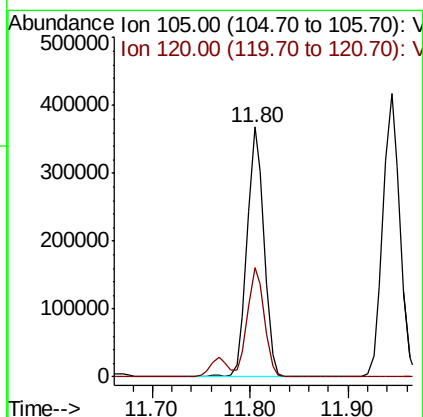
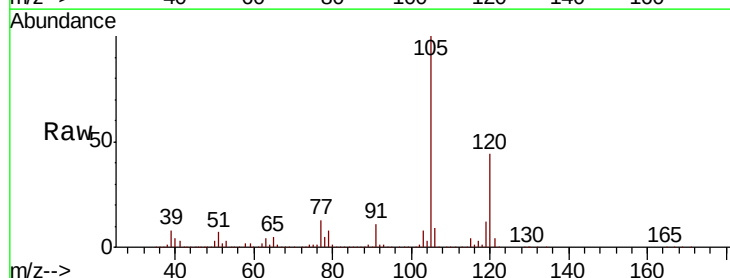
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-104MSD

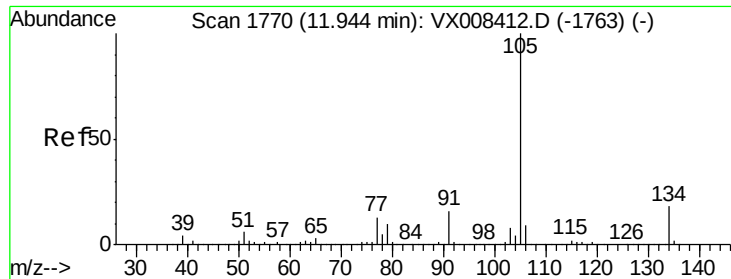
Tot Ion:119 Resp: 411187
 Ion Ratio Lower Upper
 119 100
 91 61.6 30.1 90.3
 134 22.4 10.9 32.9



#84
 1,2,4-Trimethylbenzene
 Concen: 45.922 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008465.D
 Acq: 26 Mar 2019 19:31

Tgt Ion:105 Resp: 441679
 Ion Ratio Lower Upper
 105 100
 120 43.0 21.6 65.0





#85

sec-Butylbenzene

Concen: 46.017 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

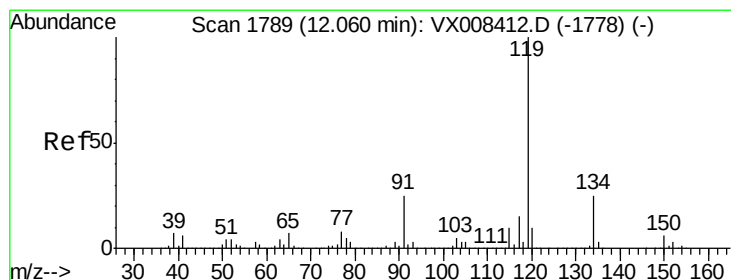
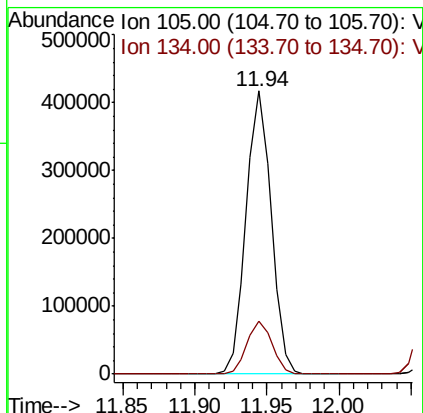
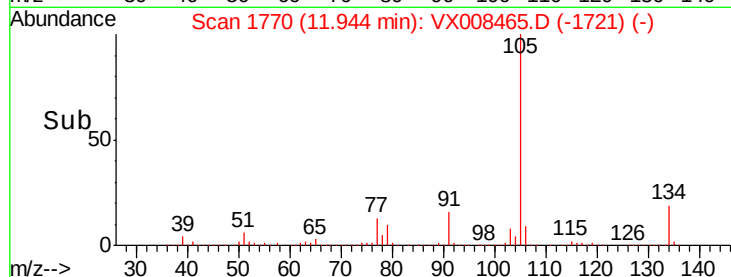
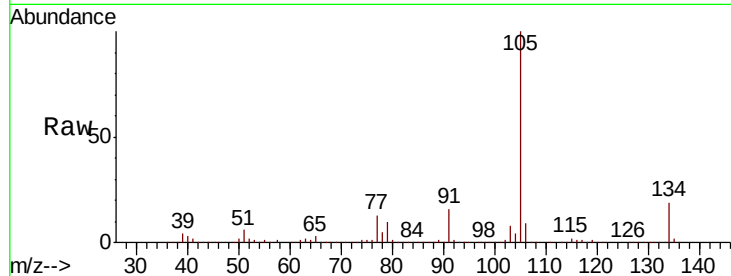
MW-104MSD

Tot Ion:105 Resp: 502755

Ion Ratio Lower Upper

105 100

134 19.0 9.3 28.0



#86

p-Isopropyltoluene

Concen: 46.808 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008465.D

Acq: 26 Mar 2019 19:31

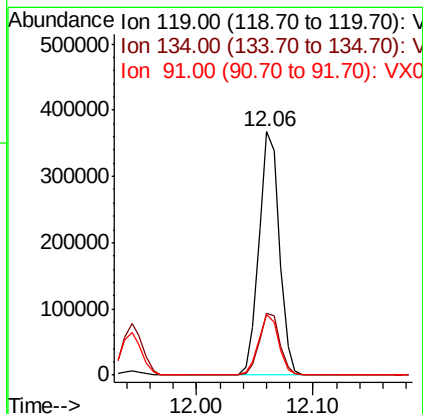
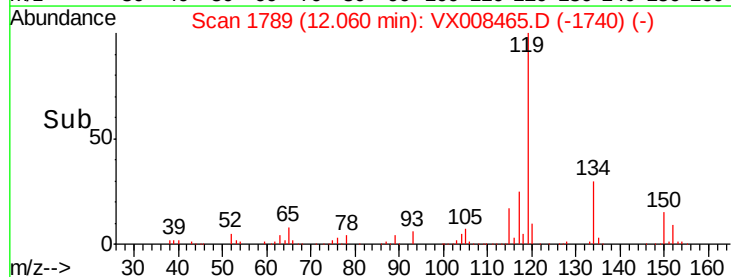
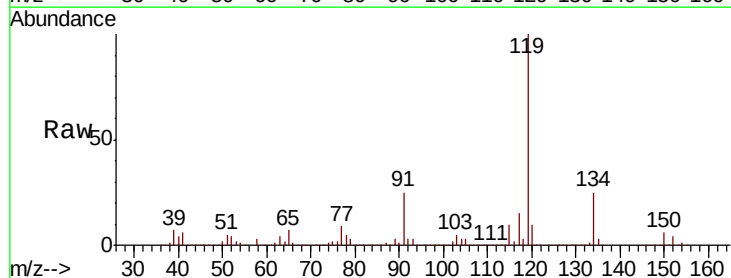
Tgt Ion:119 Resp: 451250

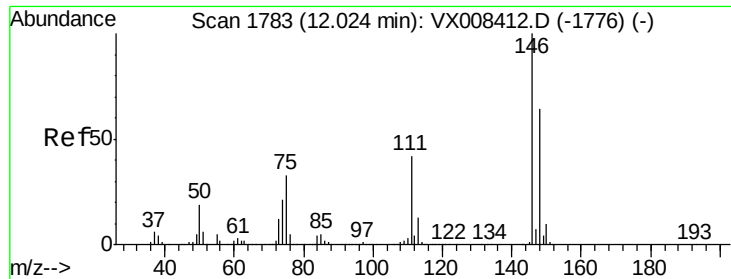
Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

91 24.6 12.4 37.0

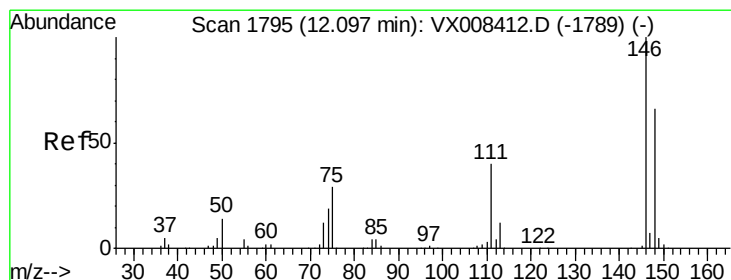
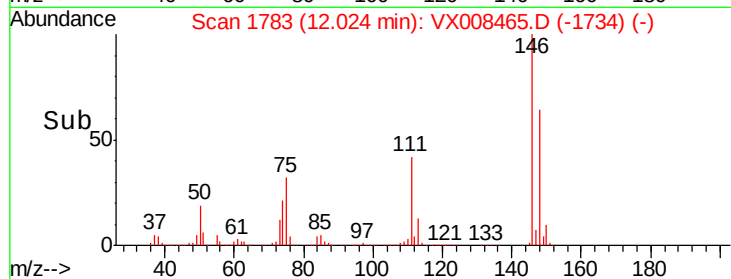
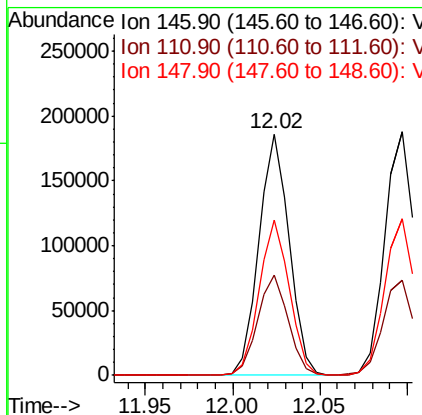
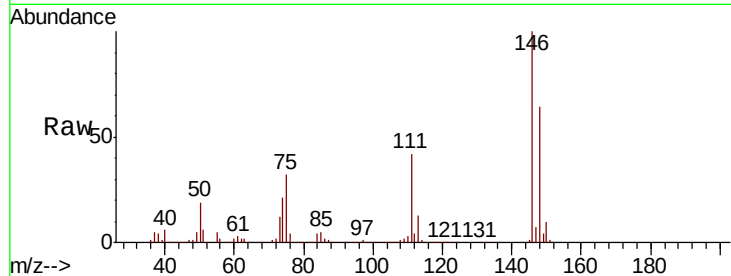




#87
 1,3-Dichlorobenzene
 Concen: 45.901 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008465.D
 Acq: 26 Mar 2019 19:31

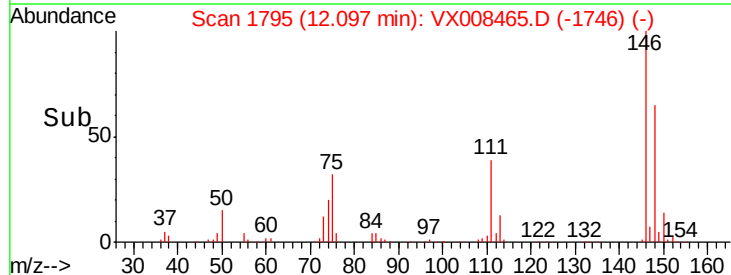
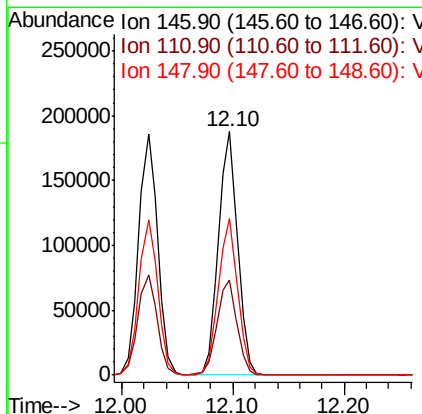
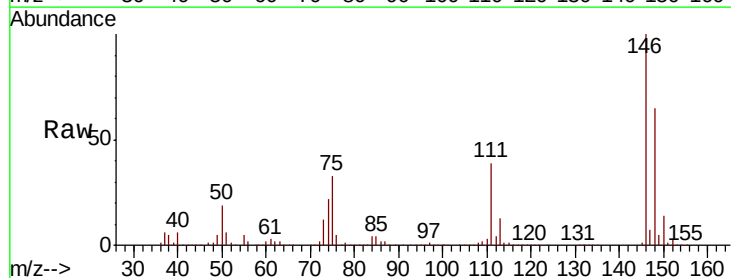
Instrument :
 MSVOA_X
 ClientSampled :
 MW-104MSD

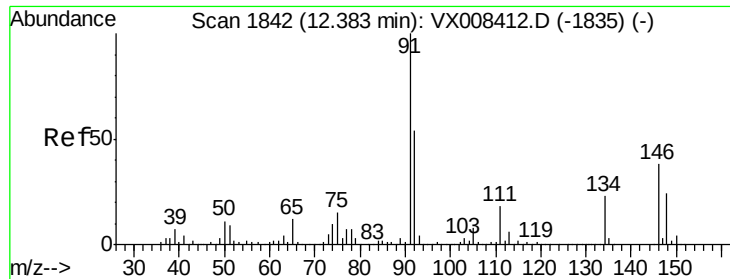
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.8	62.5
148	63.9	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 45.645 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008465.D
 Acq: 26 Mar 2019 19:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	61.0
148	64.6	32.1	96.5

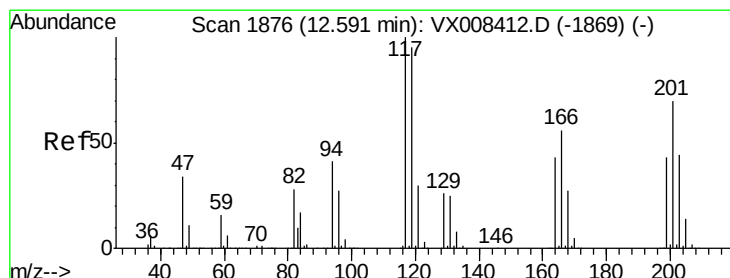
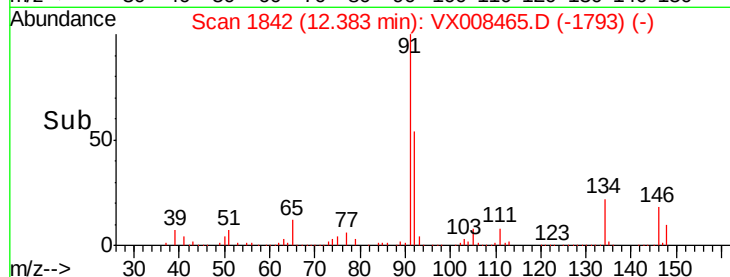
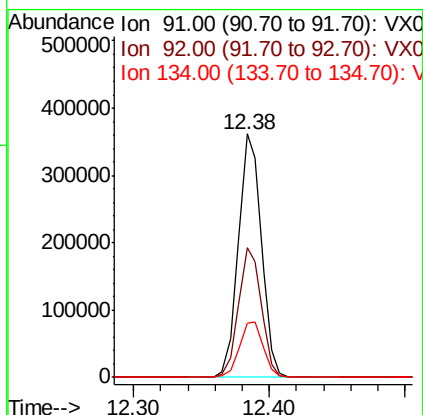
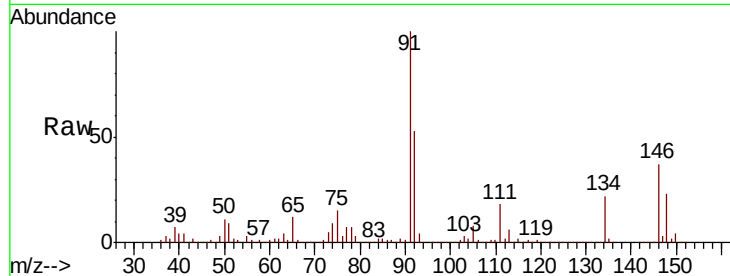




#89
n-Butylbenzene
Concen: 46.441 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

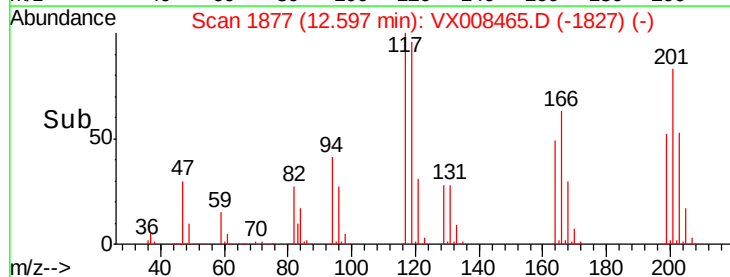
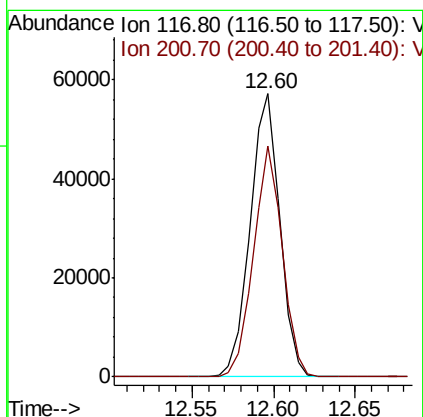
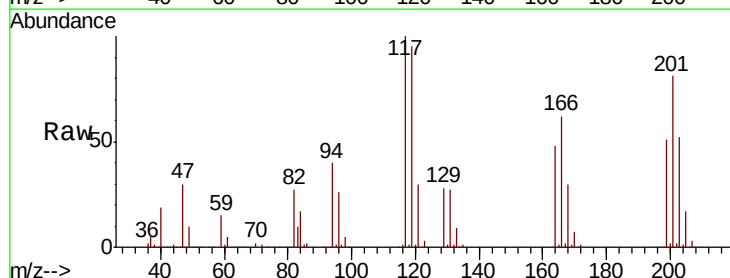
Instrument :
MSVOA_X
ClientSampleId :
MW-104MSD

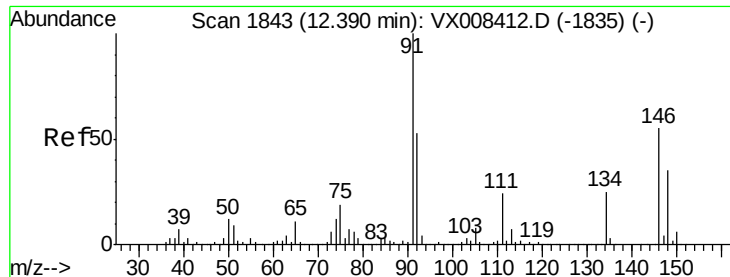
Tot Ion: 91 Resp: 424118
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.5
134 23.6 11.8 35.4



#90
Hexachloroethane
Concen: 45.246 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

Tgt Ion: 117 Resp: 72668
Ion Ratio Lower Upper
117 100
201 78.8 39.4 118.1

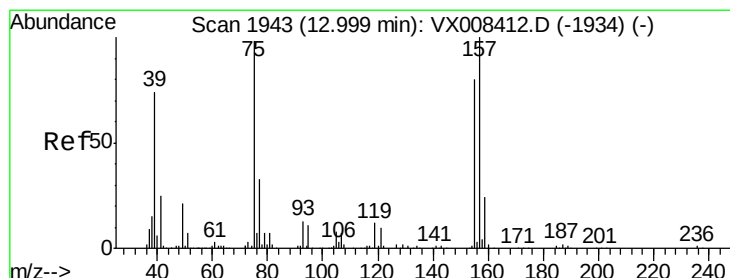
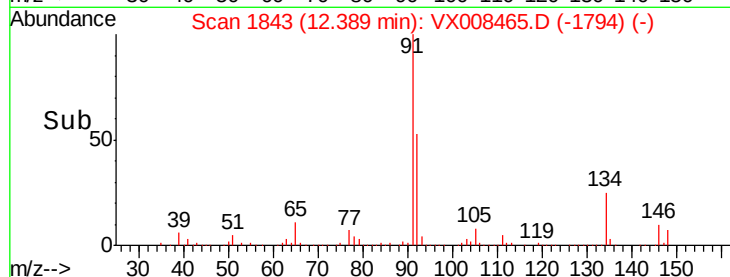
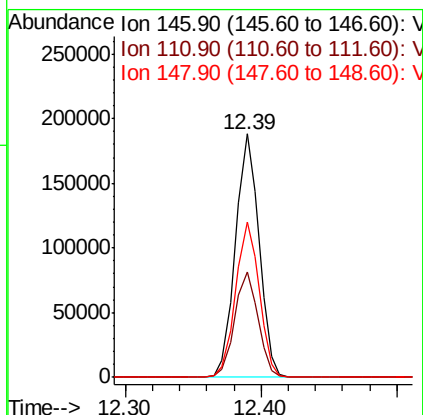
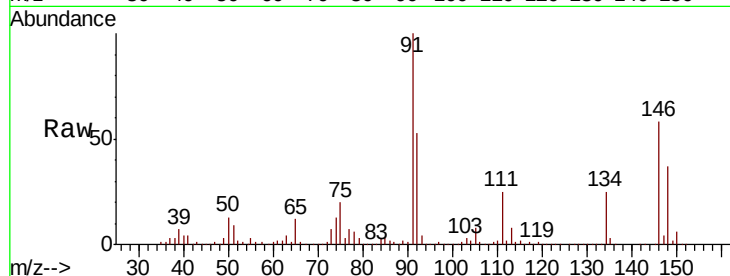




#91
 1,2-Dichlorobenzene
 Concen: 46.517 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008465.D
 Acq: 26 Mar 2019 19:31

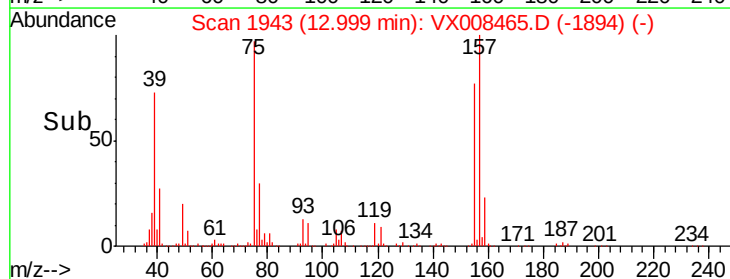
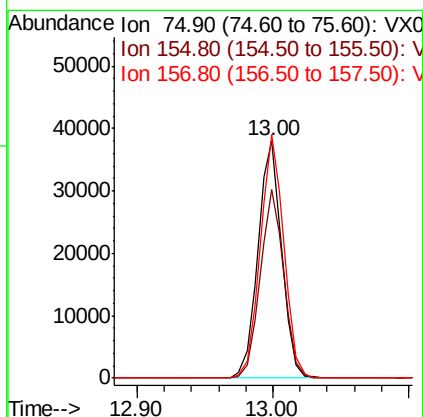
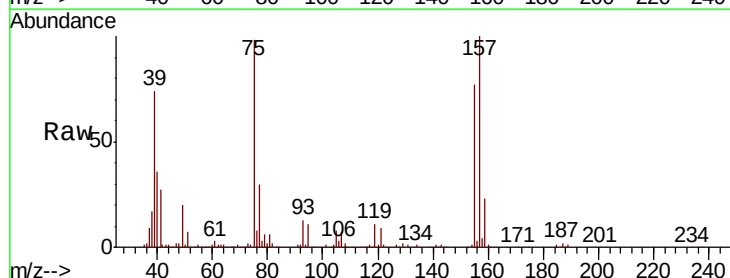
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-104MSD

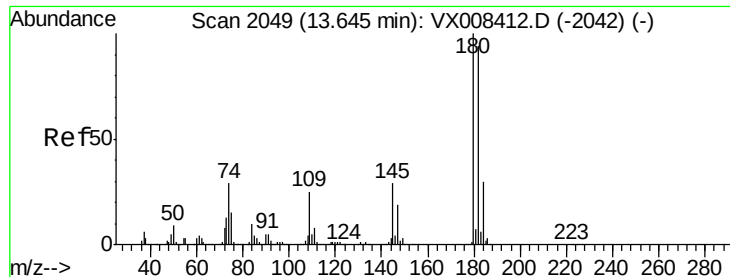
Tot Ion:146 Resp: 227204
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.6 64.6
 148 63.9 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.974 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008465.D
 Acq: 26 Mar 2019 19:31

Tgt Ion: 75 Resp: 46602
 Ion Ratio Lower Upper
 75 100
 155 78.9 39.5 118.5
 157 101.8 49.9 149.7

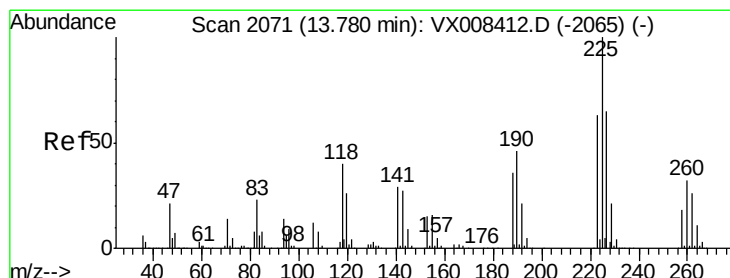
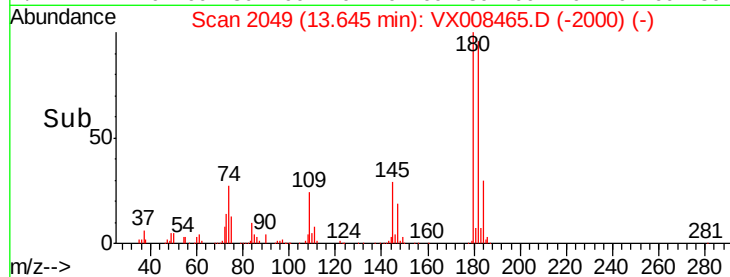
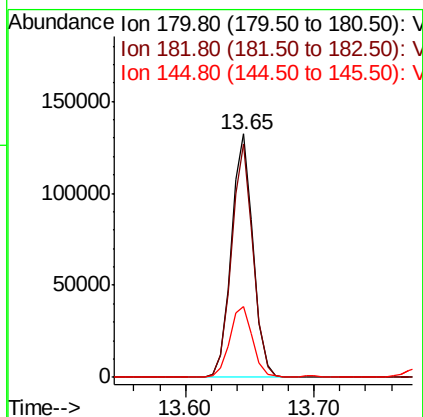
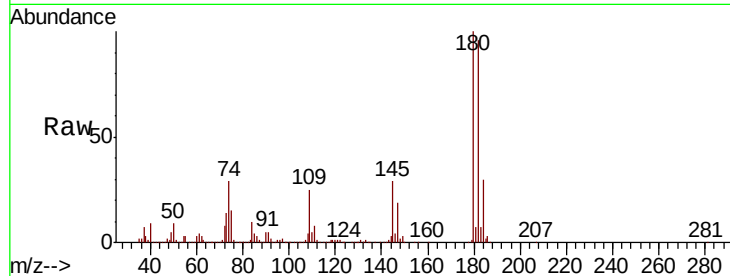




#93
1,2,4-Trichlorobenzene
Concen: 47.203 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

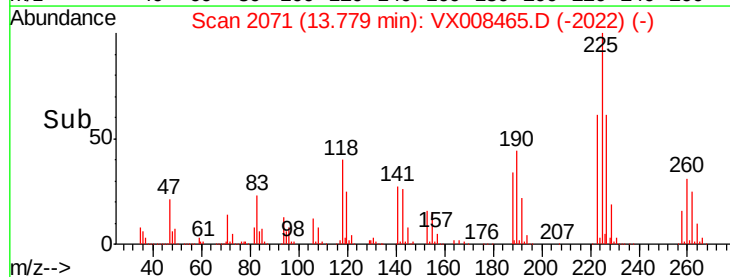
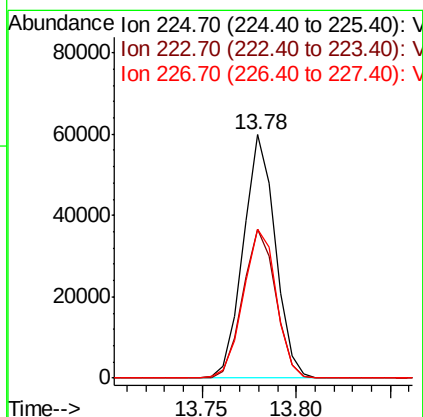
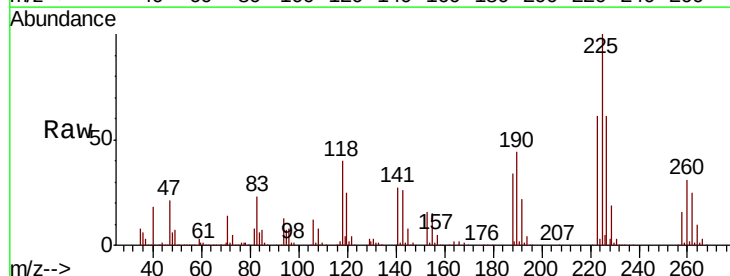
Instrument :
MSVOA_X
ClientSampleId :
MW-104MSD

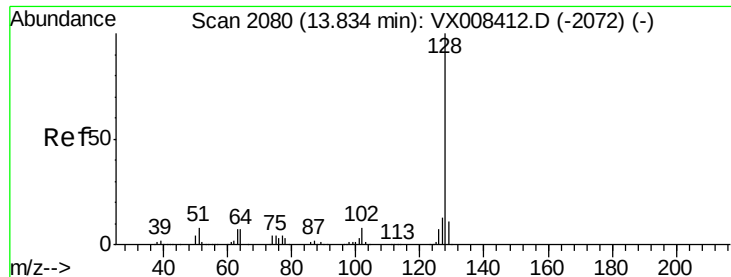
Tot Ion:180 Resp: 155222
Ion Ratio Lower Upper
180 100
182 95.5 47.3 142.0
145 30.8 15.3 45.8



#94
Hexachlorobutadiene
Concen: 45.108 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

Tgt Ion:225 Resp: 70433
Ion Ratio Lower Upper
225 100
223 62.7 31.4 94.0
227 63.1 31.9 95.9

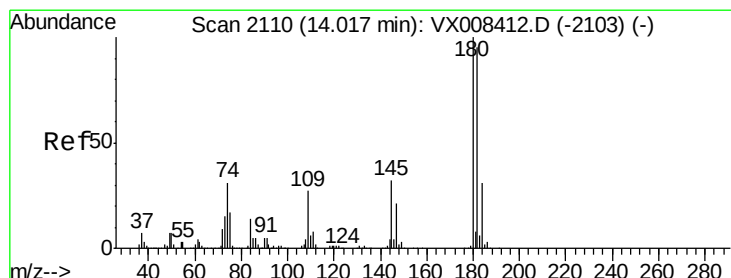
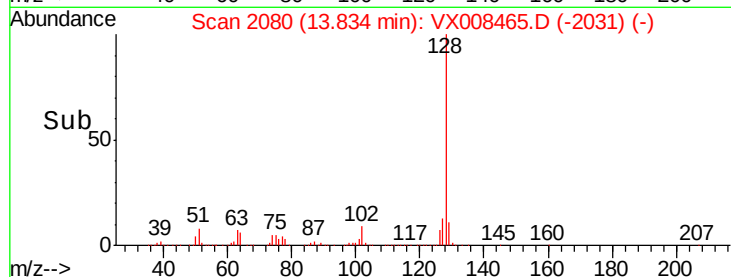
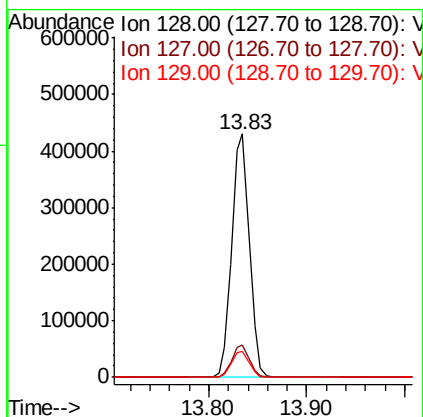
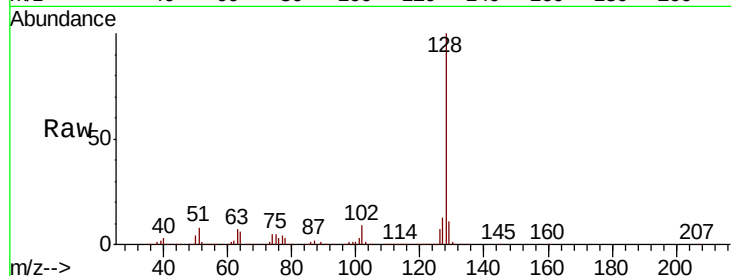




#95
Naphthalene
Concen: 47.792 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

Instrument :
MSVOA_X
ClientSampleId :
MW-104MSD

Tot Ion:128 Resp: 538811
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.892 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008465.D
Acq: 26 Mar 2019 19:31

Tgt Ion:180 Resp: 158252
Ion Ratio Lower Upper
180 100
182 94.3 47.3 142.0
145 33.1 16.2 48.5

