

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040819\
 Data File : VX008750.D
 Acq On : 08 Apr 2019 17:12
 Operator : JC/SP
 Sample : K2295-10MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MS

Quant Time: Apr 09 06:46:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	157863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	272485	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	235507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109893	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119774	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
35) Dibromofluoromethane	5.50	113	88898	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	8.72	98	343129	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
62) 4-Bromofluorobenzene	11.14	95	122435	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	79804	43.917	ug/l	98
3) Chloromethane	1.32	50	109023	48.919	ug/l	99
4) Vinyl Chloride	1.41	62	111926	45.564	ug/l	100
5) Bromomethane	1.64	94	54368	45.121	ug/l	99
6) Chloroethane	1.71	64	70633	52.822	ug/l	100
7) Trichlorofluoromethane	1.92	101	127266	46.869	ug/l	98
8) Diethyl Ether	2.19	74	64009	49.708	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	78122	44.686	ug/l	97
10) Methyl Iodide	2.51	142	76787	48.368	ug/l	99
11) Tert butyl alcohol	3.06	59	154654	286.901	ug/l	99
12) 1,1-Dichloroethene	2.37	96	82950	45.451	ug/l	99
13) Acrolein	2.29	56	96162	359.768	ug/l	100
14) Allyl chloride	2.73	41	206210	49.357	ug/l	98
15) Acrylonitrile	3.15	53	381246	266.972	ug/l	100
16) Acetone	2.45	43	314448	237.107	ug/l	99
17) Carbon Disulfide	2.56	76	240669	45.601	ug/l	99
18) Methyl Acetate	2.78	43	168156	52.281	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	337038	51.712	ug/l	99
20) Methylene Chloride	2.85	84	103508	46.628	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	94207	47.722	ug/l	94
22) Diisopropyl ether	3.86	45	405102	50.307	ug/l	98
23) Vinyl Acetate	3.82	43	1791679	255.762	ug/l	99
24) 1,1-Dichloroethane	3.70	63	200042	50.174	ug/l	99
25) 2-Butanone	4.68	43	566004	270.030	ug/l	99
26) 2,2-Dichloropropane	4.59	77	122348	43.570	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	111648	49.192	ug/l	98
28) Bromochloromethane	5.02	49	86952	52.352	ug/l	99
29) Tetrahydrofuran	5.13	42	378529	272.086	ug/l	100
30) Chloroform	5.21	83	180881	50.795	ug/l	98
31) Cyclohexane	5.58	56	183694	46.174	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	144203	50.112	ug/l	100
36) 1,1-Dichloropropene	5.80	75	135282	45.419	ug/l	99
37) Ethyl Acetate	4.84	43	204163	51.353	ug/l	99
38) Carbon Tetrachloride	5.79	117	118367	48.015	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	160690	43.672	ug/l	99
40) Benzene	6.15	78	423871	47.769	ug/l	99
41) Methacrylonitrile	5.05	41	118515	51.860	ug/l	99
42) 1,2-Dichloroethane	6.20	62	153384	48.217	ug/l	99
43) Isopropyl Acetate	6.45	43	317426	50.968	ug/l	100
44) Trichloroethene	7.21	130	97430	47.143	ug/l	98
45) 1,2-Dichloropropane	7.52	63	122279	48.280	ug/l	98
46) Dibromomethane	7.66	93	70355	47.896	ug/l	100
47) Bromodichloromethane	7.90	83	137517	49.652	ug/l	99
48) Methyl methacrylate	7.77	41	160806	51.043	ug/l	99
49) 1,4-Dioxane	7.74	88	60870	1031.410	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1065651	265.803	ug/l	100
52) Toluene	8.79	92	248532	47.508	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	155827	50.227	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	172664	48.706	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	105835	50.400	ug/l	98
56) Ethyl methacrylate	9.18	69	191512	50.406	ug/l	99
57) 1,3-Dichloropropane	9.37	76	185046	49.075	ug/l	99
59) 2-Hexanone	9.49	43	825752	265.028	ug/l	100
60) Dibromochloromethane	9.59	129	99555	50.311	ug/l	99
61) 1,2-Dibromoethane	9.67	107	107926	49.370	ug/l	99
64) Tetrachloroethene	9.34	164	88400	50.663	ug/l	98
65) Chlorobenzene	10.14	112	251138	48.107	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	91842	50.148	ug/l	99
67) Ethyl Benzene	10.25	91	468506	48.129	ug/l	100
68) m/p-Xylenes	10.36	106	338234	96.637	ug/l	99
69) o-Xylene	10.70	106	165714	48.855	ug/l	99
70) Styrene	10.71	104	288310	49.310	ug/l	100
71) Bromoform	10.86	173	73331	52.426	ug/l	100
73) Isopropylbenzene	11.02	105	437785	48.070	ug/l	100
74) N-amyl acetate	10.90	43	266437	49.726	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	171997	49.659	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	204405	67.709	ug/l	78
77) Bromobenzene	11.26	156	105928	48.383	ug/l	100
78) n-propylbenzene	11.36	91	503215	47.455	ug/l	100
79) 2-Chlorotoluene	11.42	91	301505	46.984	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	367981	48.135	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	55303	50.498	ug/l	98
82) 4-Chlorotoluene	11.51	91	347186	46.740	ug/l	99
83) tert-Butylbenzene	11.77	119	360458	49.010	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	369437	47.726	ug/l	100
85) sec-Butylbenzene	11.94	105	418273	47.878	ug/l	99
86) p-Isopropyltoluene	12.07	119	376444	48.009	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	183854	46.908	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	183953	46.349	ug/l	100
89) n-Butylbenzene	12.39	91	345428	46.975	ug/l	100
90) Hexachloroethane	12.60	117	63331	48.697	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	186438	47.908	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40392	53.013	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	128953	47.659	ug/l	99

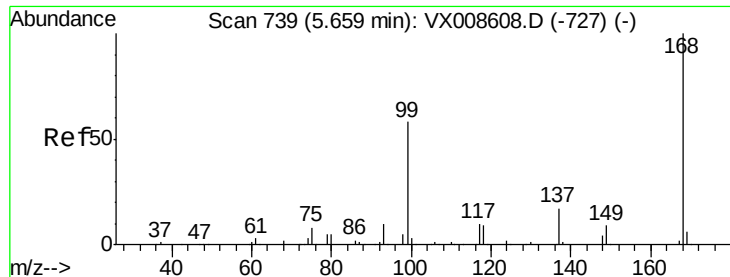
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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	60661	46.747	ug/l	99
95) Naphthalene	13.83	128	459418	50.802	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	133121	49.242	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

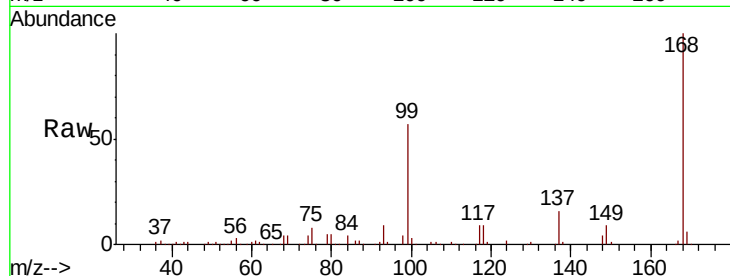
ST008MW214-190403MS

Tot Ion:168 Resp: 157863

Ion Ratio Lower Upper

168 100

99 56.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

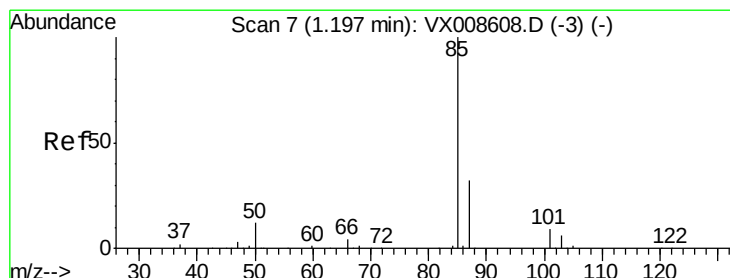
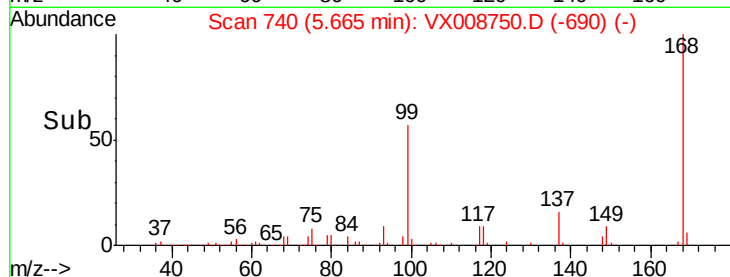
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 43.917 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008750.D

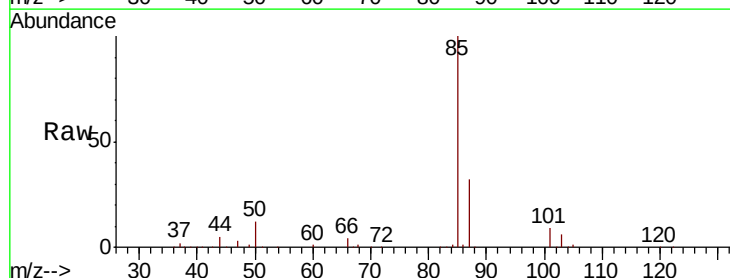
Acq: 08 Apr 2019 17:12

Tgt Ion: 85 Resp: 79804

Ion Ratio Lower Upper

85 100

87 32.4 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

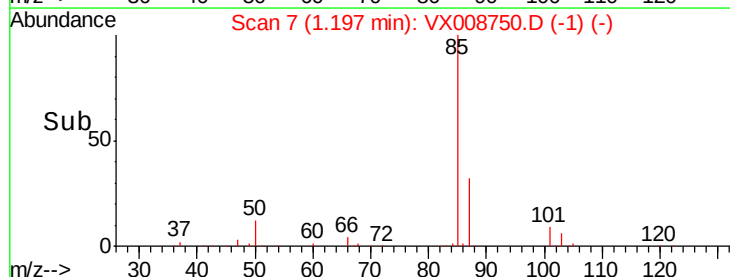
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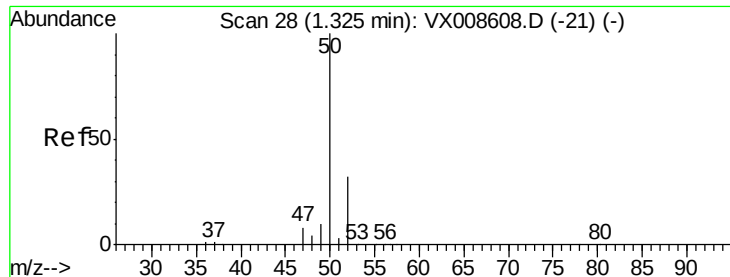
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 48.919 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

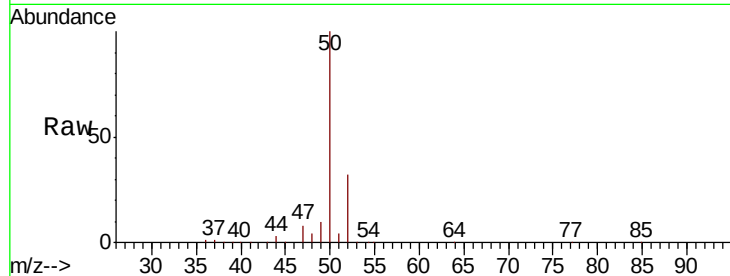
ST008MW214-190403MS

Tot Ion: 50 Resp: 109023

Ion Ratio Lower Upper

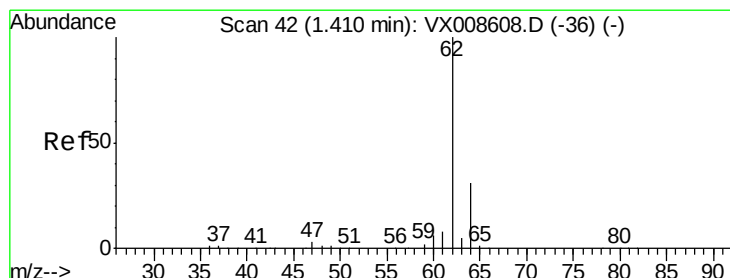
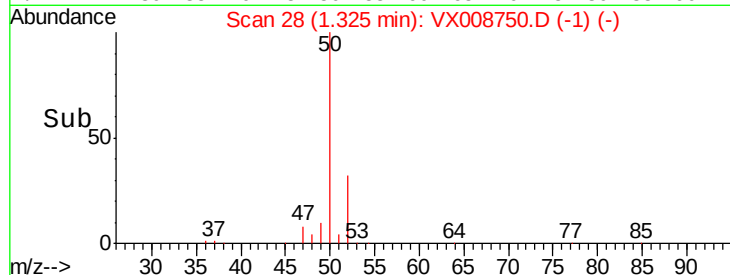
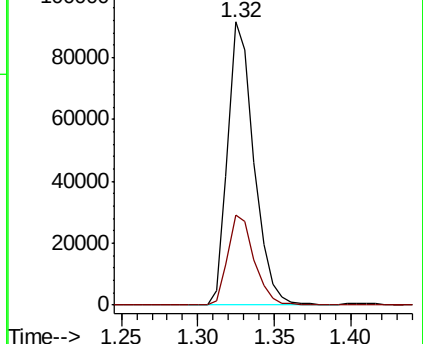
50 100

52 31.7 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.564 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008750.D

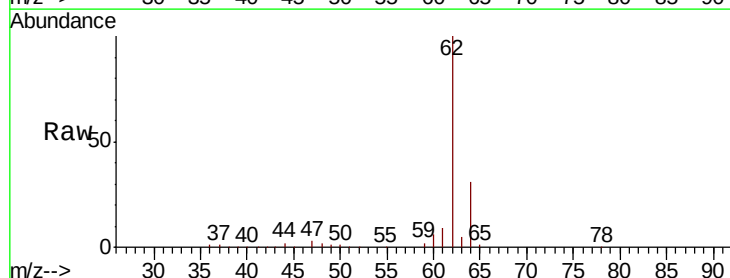
Acq: 08 Apr 2019 17:12

Tgt Ion: 62 Resp: 111926

Ion Ratio Lower Upper

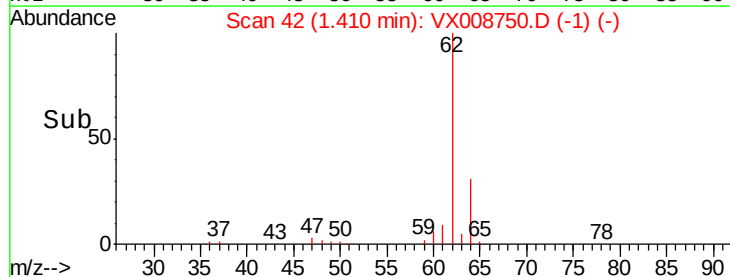
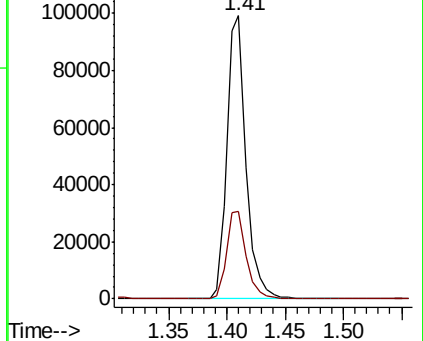
62 100

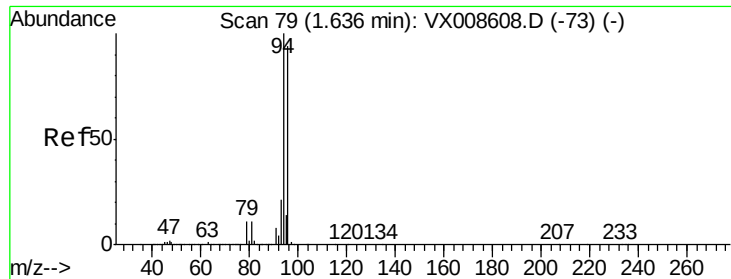
64 30.7 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 45.121 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

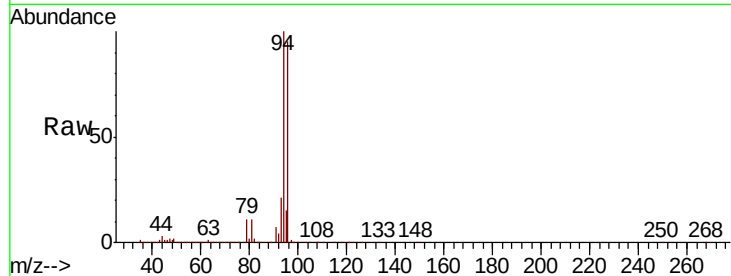
ST008MW214-190403MS

Tot Ion: 94 Resp: 54368

Ion Ratio Lower Upper

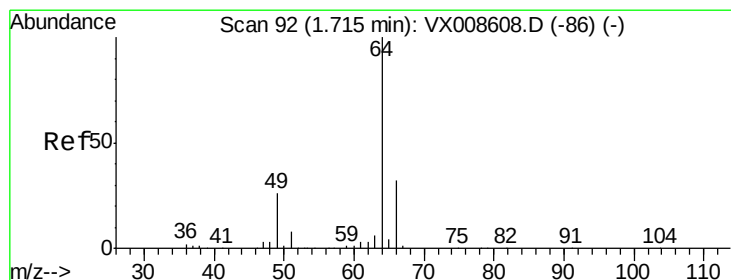
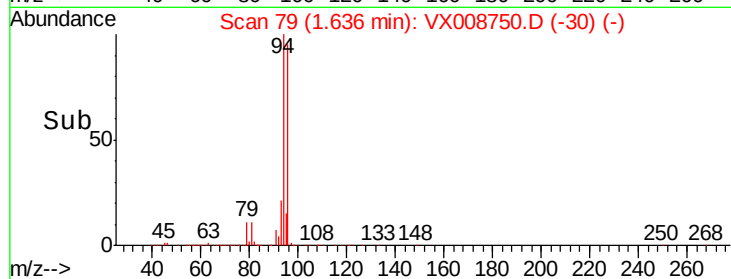
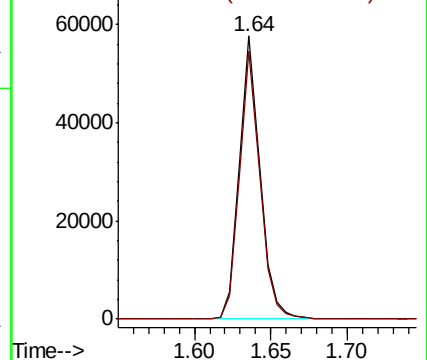
94 100

96 94.6 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.822 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008750.D

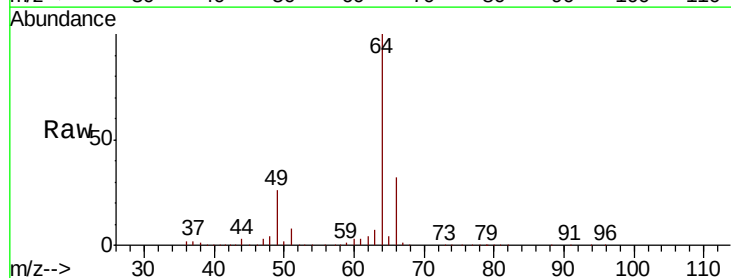
Acq: 08 Apr 2019 17:12

Tgt Ion: 64 Resp: 70633

Ion Ratio Lower Upper

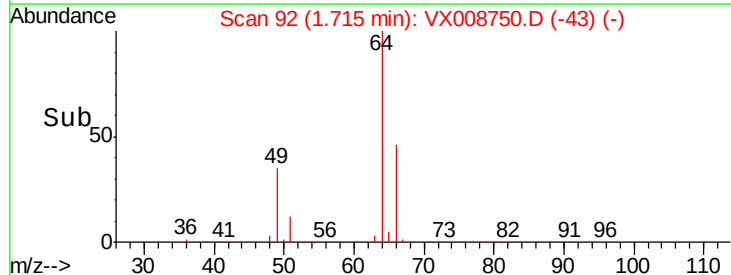
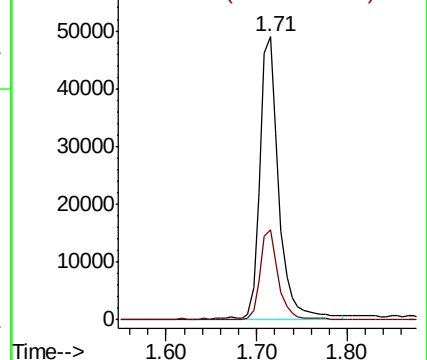
64 100

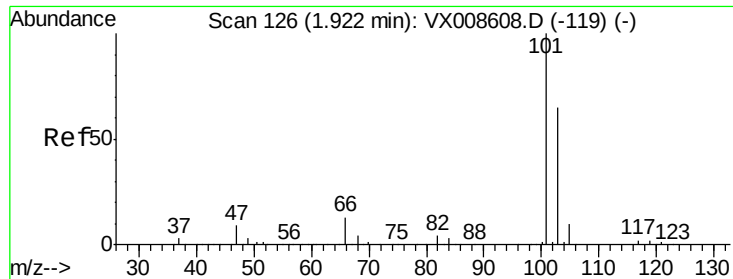
66 31.9 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



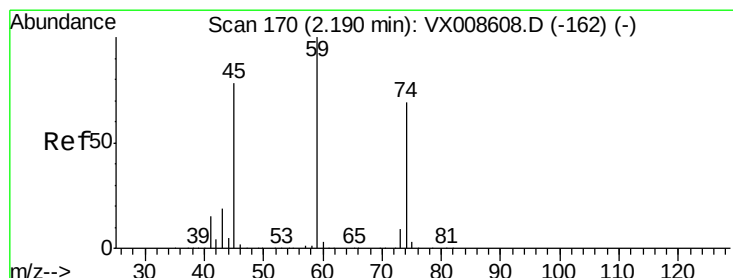
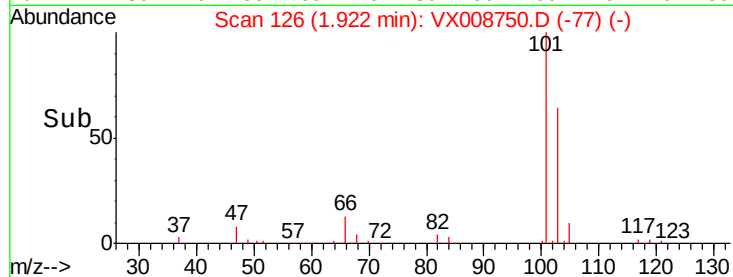
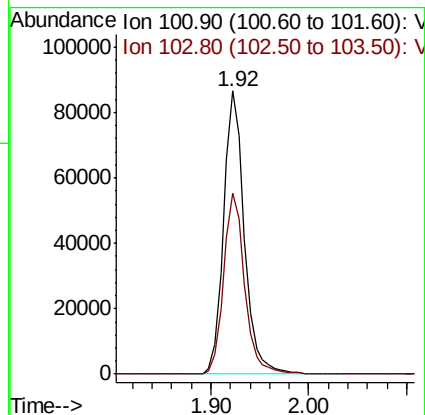
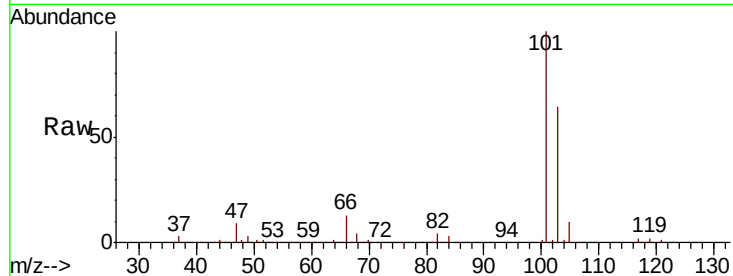


#7

Trichlorofluoromethane
 Concen: 46.869 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX008750.D
 Acq: 08 Apr 2019 17:12

Instrument :
 MSVOA_X
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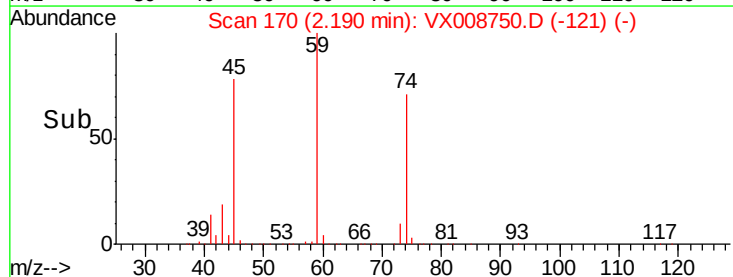
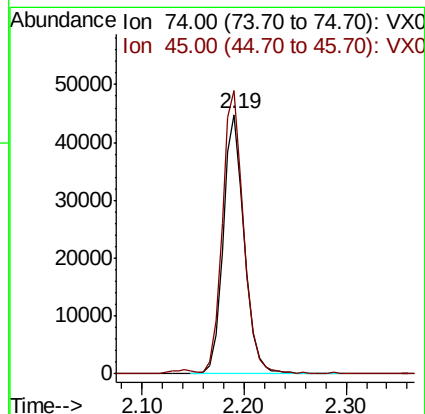
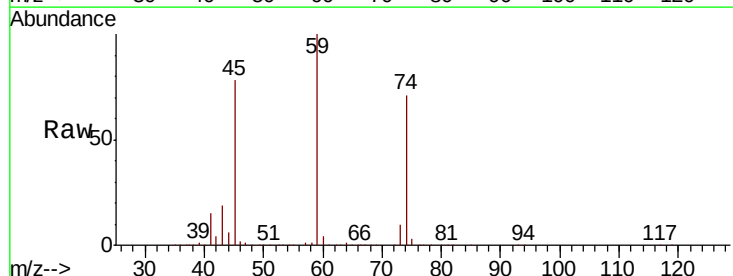
Tot Ion:101 Resp: 127266
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.3 78.5

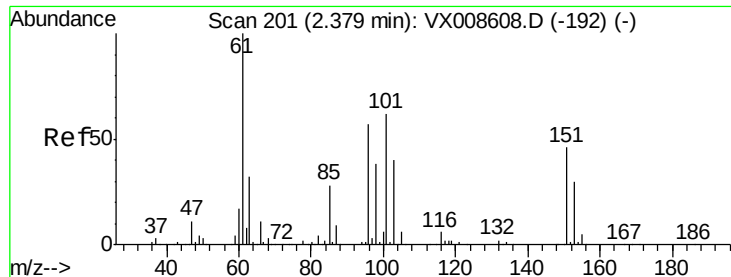


#8

Diethyl Ether
 Concen: 49.708 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008750.D
 Acq: 08 Apr 2019 17:12

Tgt Ion: 74 Resp: 64009
 Ion Ratio Lower Upper
 74 100
 45 109.8 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.686 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MS

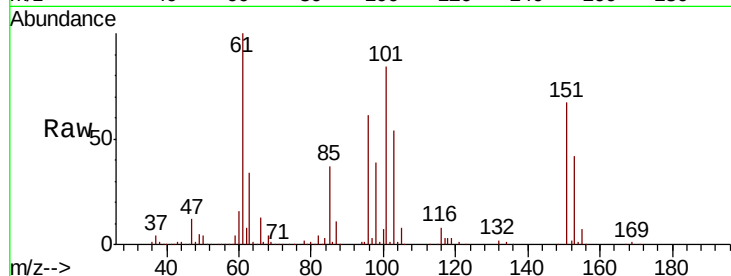
Tot Ion:101 Resp: 78122

Ion Ratio Lower Upper

101 100

85 44.0 36.0 54.0

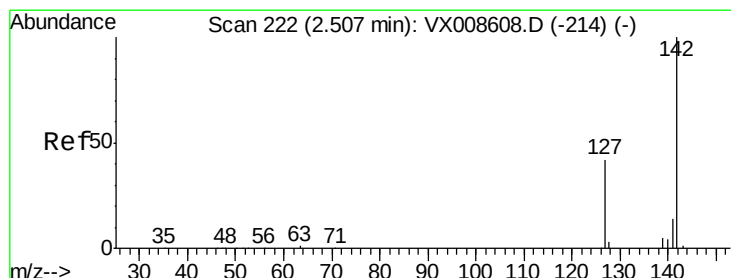
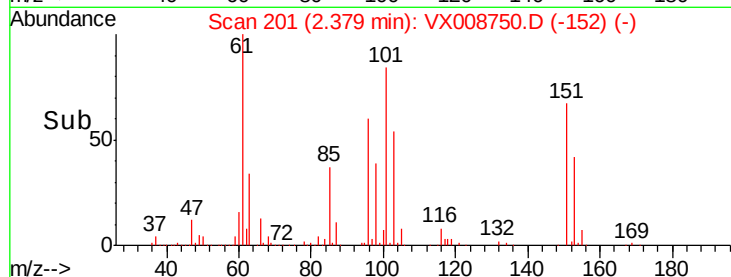
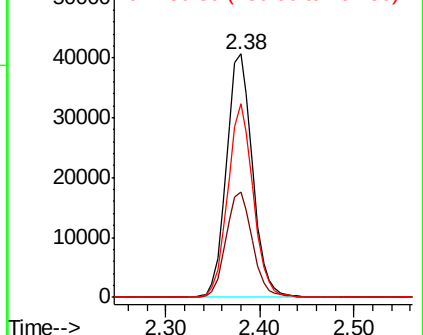
151 77.7 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.368 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

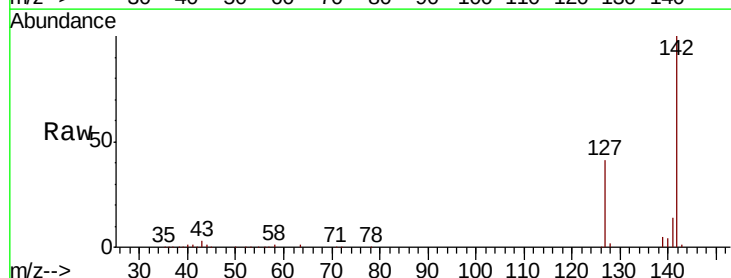
Tgt Ion:142 Resp: 76787

Ion Ratio Lower Upper

142 100

127 40.9 33.0 49.6

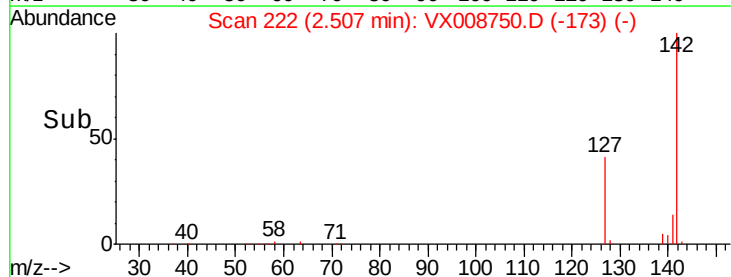
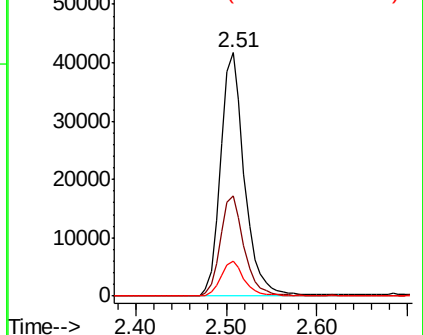
141 14.1 11.4 17.2

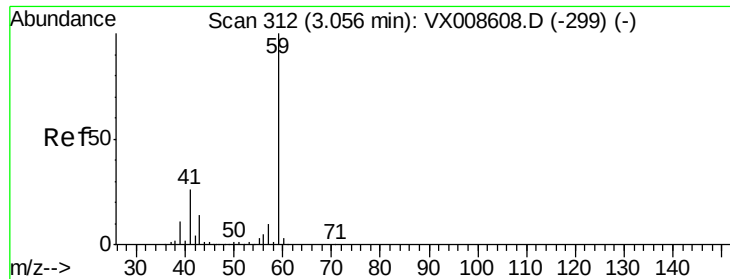


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

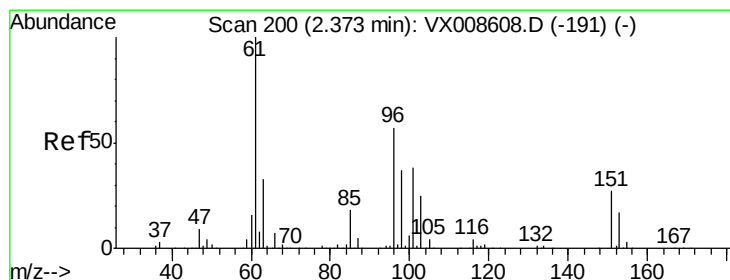
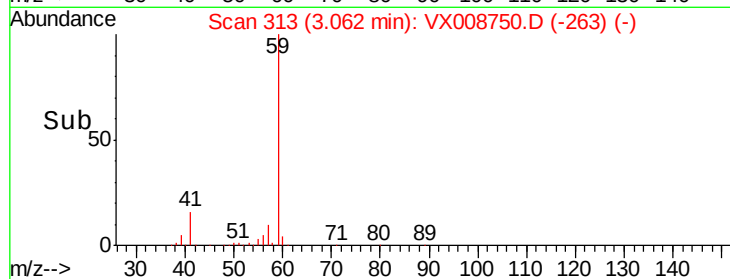
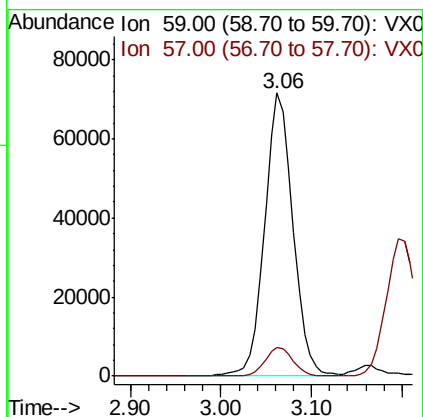
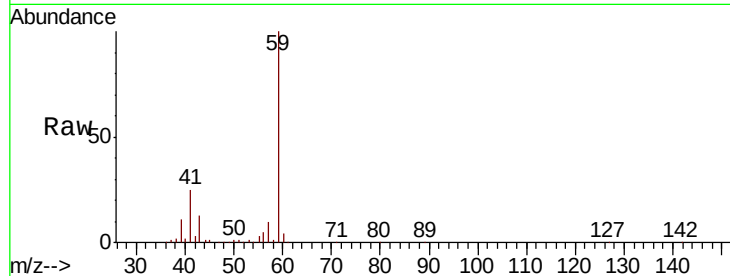




#11
Tert butyl alcohol
Concen: 286.901 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.01 min
Lab File: VX008750.D
Acq: 08 Apr 2019 17:12

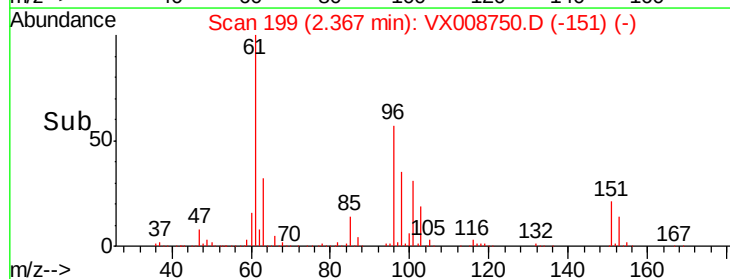
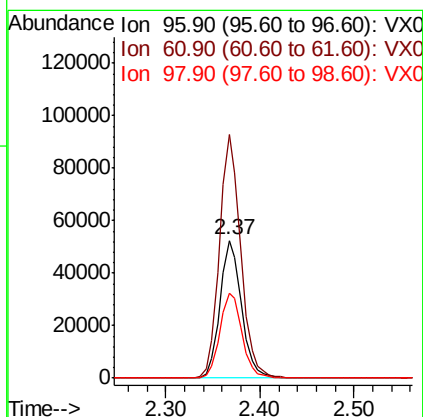
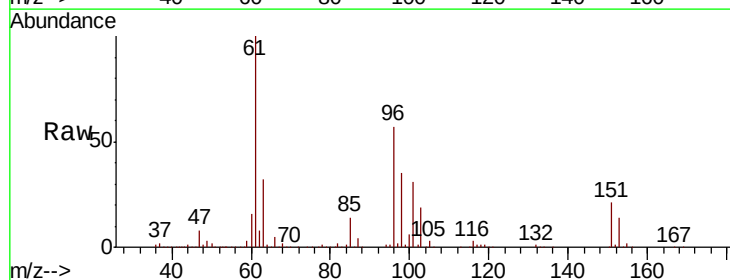
Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MS

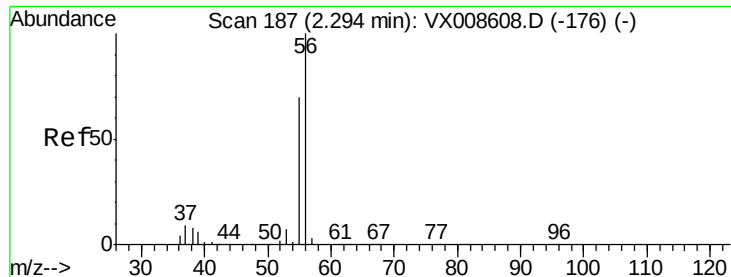
Tot Ion: 59 Resp: 154654
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5



#12
1,1-Dichloroethene
Concen: 45.451 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX008750.D
Acq: 08 Apr 2019 17:12

Tgt Ion: 96 Resp: 82950
Ion Ratio Lower Upper
96 100
61 176.5 140.9 211.3
98 61.5 52.1 78.1





#13

Acrolein

Concen: 359.768 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

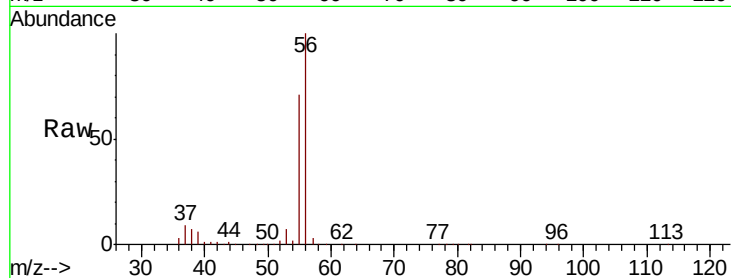
ST008MW214-190403MS

Tot Ion: 56 Resp: 96162

Ion Ratio Lower Upper

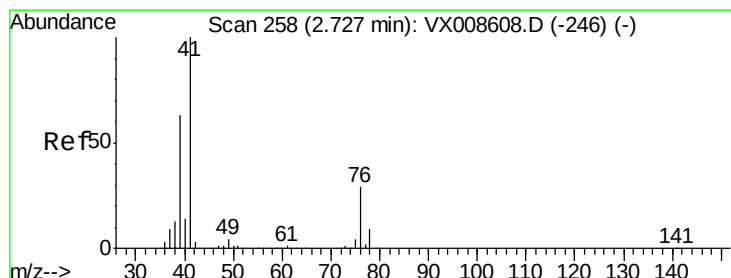
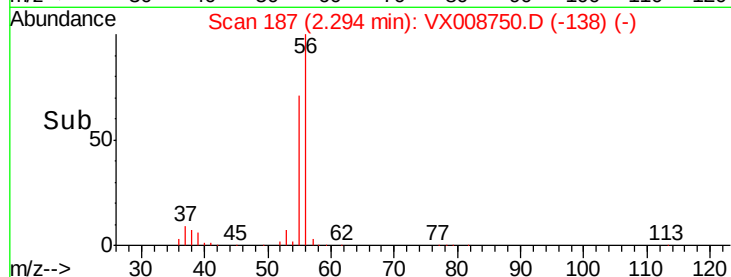
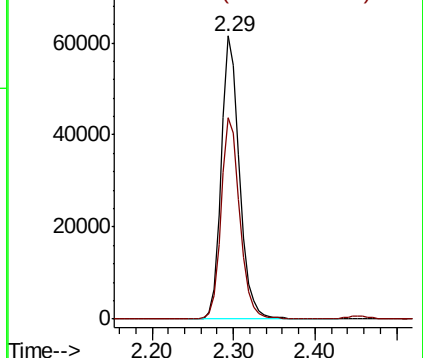
56 100

55 72.3 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.357 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

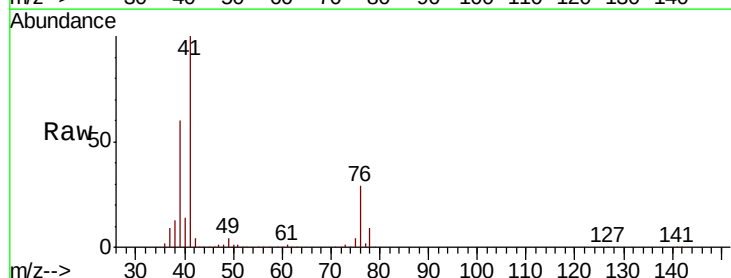
Tgt Ion: 41 Resp: 206210

Ion Ratio Lower Upper

41 100

39 58.1 48.0 72.0

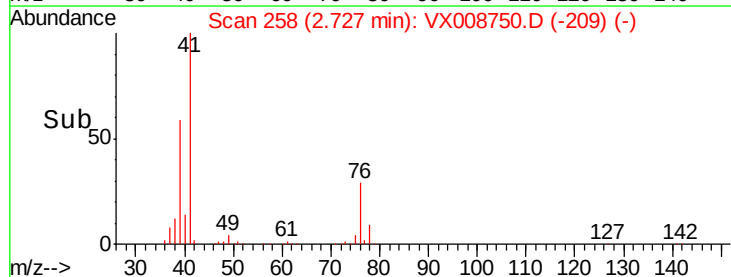
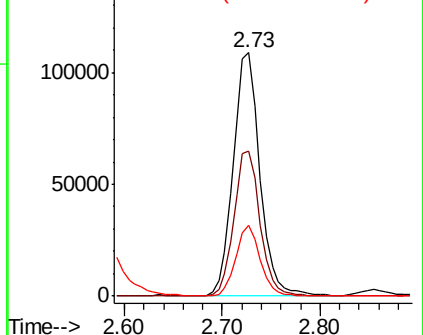
76 26.7 22.0 33.0

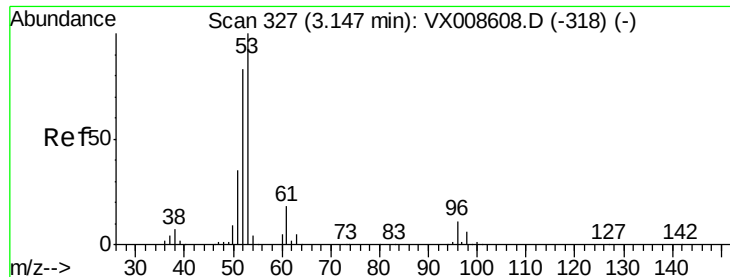


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 266.972 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MS

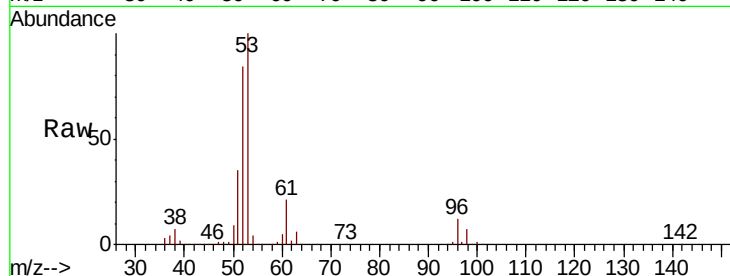
Tot Ion: 53 Resp: 381246

Ion Ratio Lower Upper

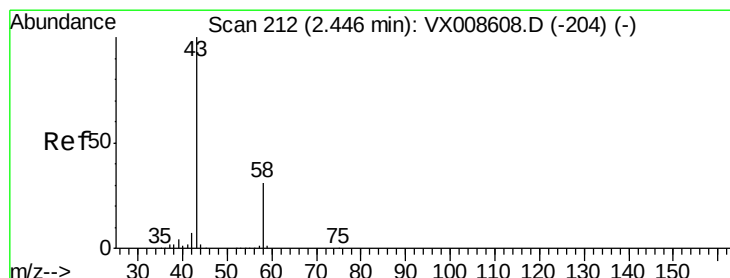
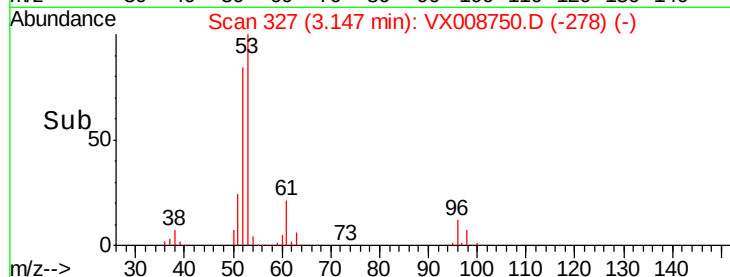
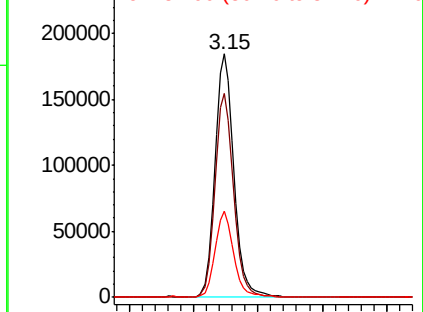
53 100

52 83.0 66.5 99.7

51 35.0 28.6 42.8



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: 237.107 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008750.D

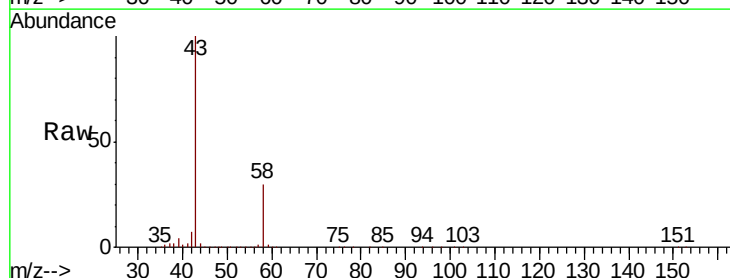
Acq: 08 Apr 2019 17:12

Tgt Ion: 43 Resp: 314448

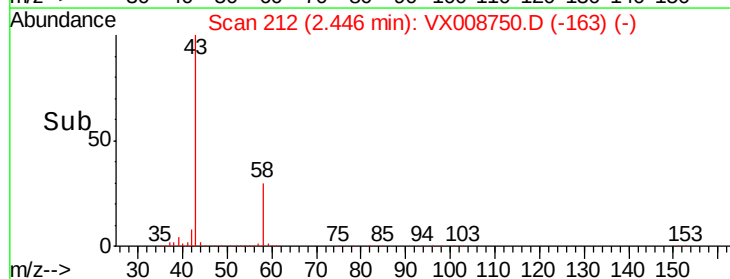
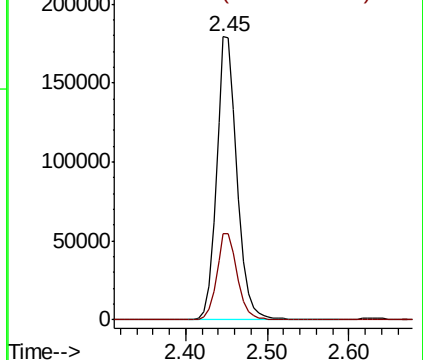
Ion Ratio Lower Upper

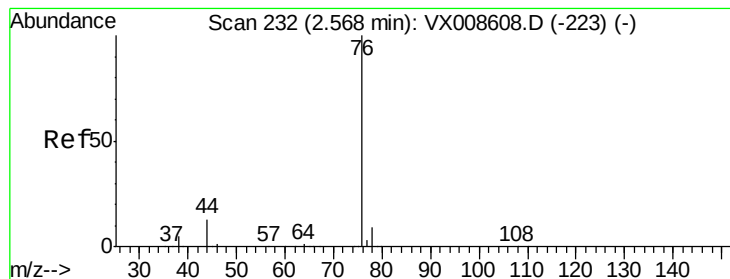
43 100

58 30.4 24.8 37.2



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





#17

Carbon Disulfide

Concen: 45.601 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

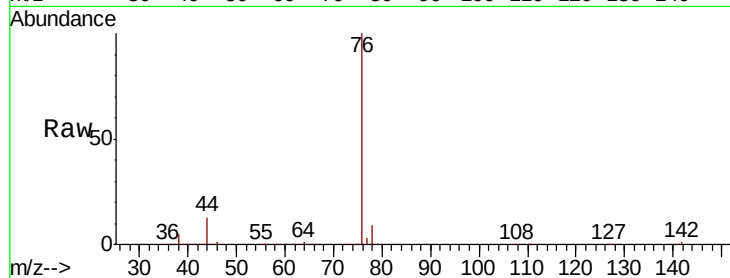
ST008MW214-190403MS

Tot Ion: 76 Resp: 240669

Ion Ratio Lower Upper

76 100

78 8.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

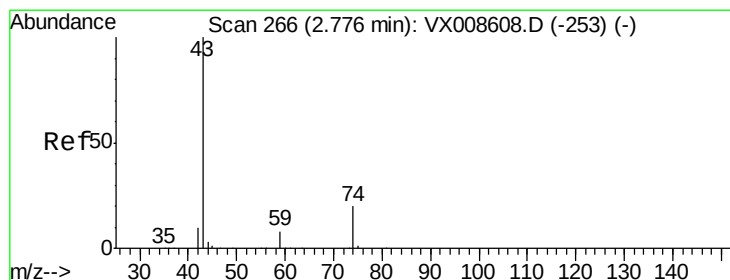
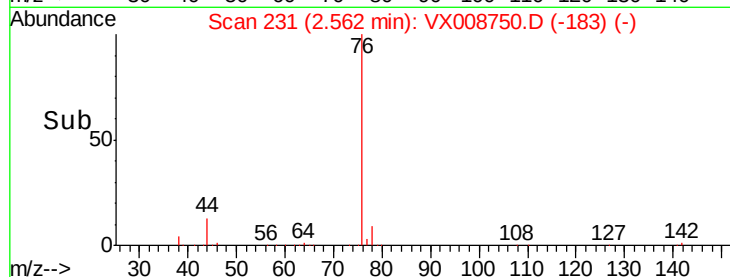
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 52.281 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008750.D

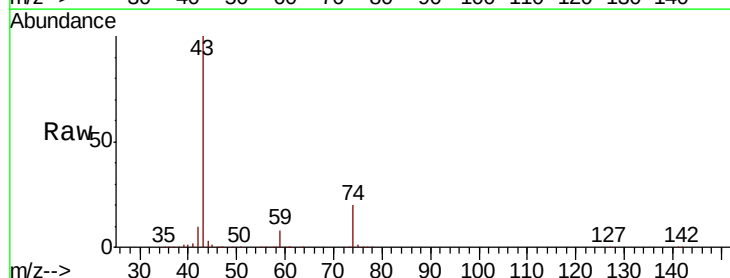
Acq: 08 Apr 2019 17:12

Tgt Ion: 43 Resp: 168156

Ion Ratio Lower Upper

43 100

74 20.6 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

100000

80000

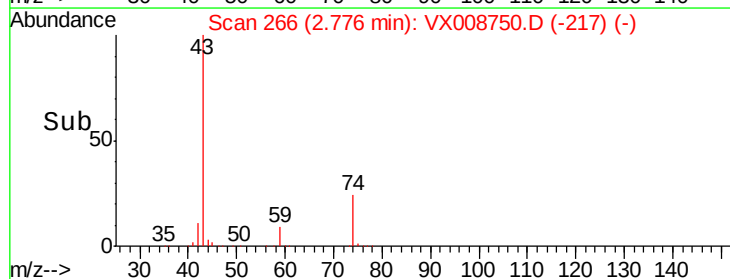
60000

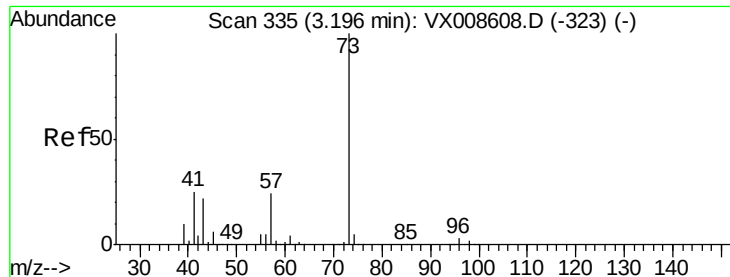
40000

20000

0

Time-->



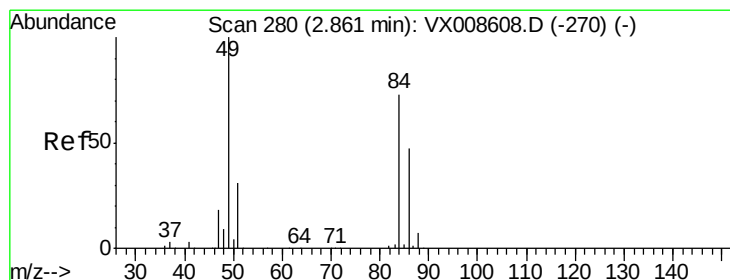
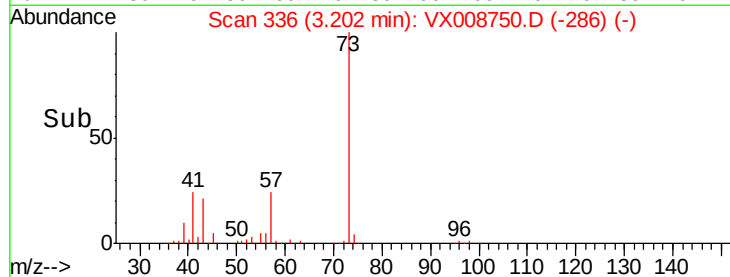
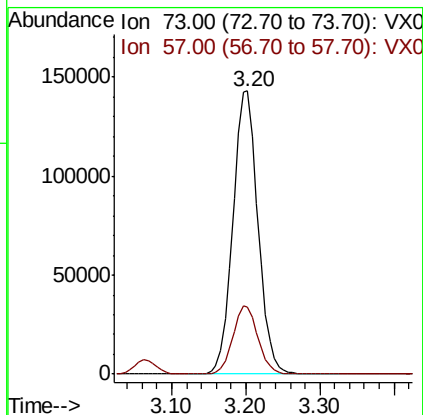
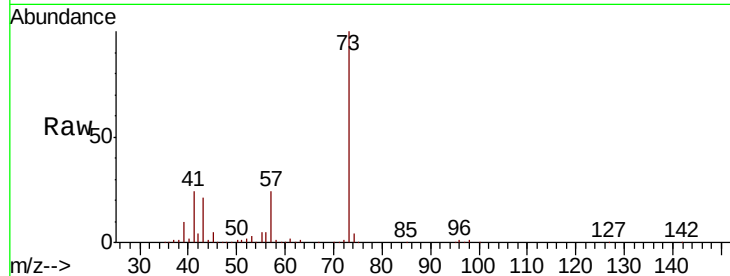


#19

Methyl tert-butyl Ether
 Concen: 51.712 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.01 min
 Lab File: VX008750.D
 Acq: 08 Apr 2019 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MS

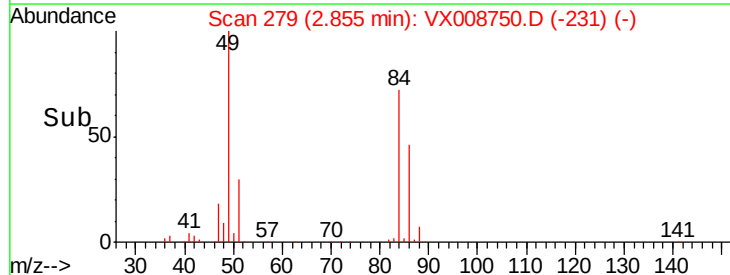
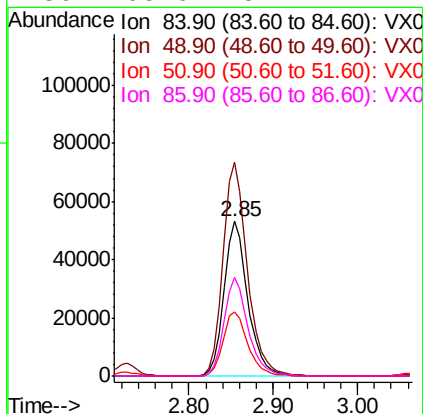
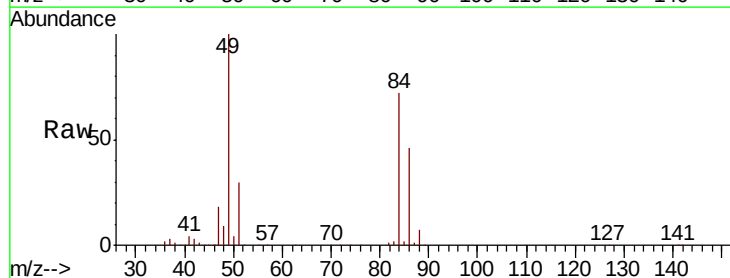
Tot Ion: 73 Resp: 337038
 Ion Ratio Lower Upper
 73 100
 57 23.8 19.5 29.3

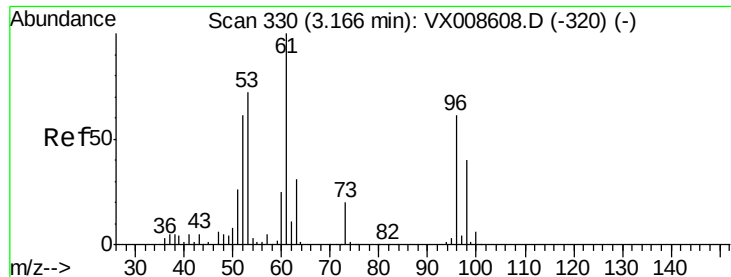


#20

Methylene Chloride
 Concen: 46.628 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX008750.D
 Acq: 08 Apr 2019 17:12

Tgt Ion: 84 Resp: 103508
 Ion Ratio Lower Upper
 84 100
 49 137.8 109.7 164.5
 51 41.3 33.6 50.4
 86 63.6 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 47.722 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MS

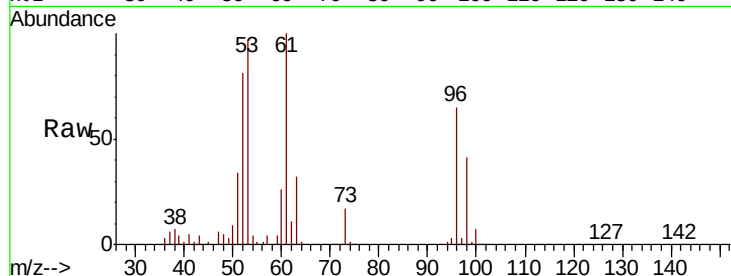
Tot Ion: 96 Resp: 94207

Ion Ratio Lower Upper

96 100

61 154.7 132.1 198.1

98 63.7 52.2 78.2

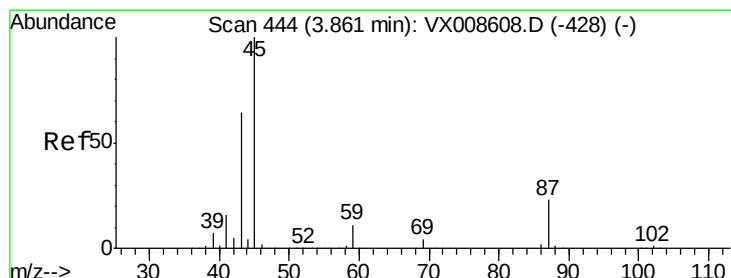
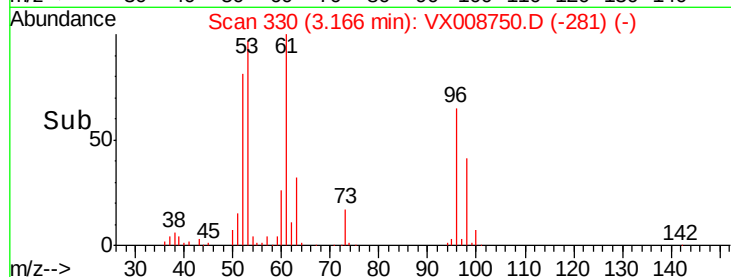
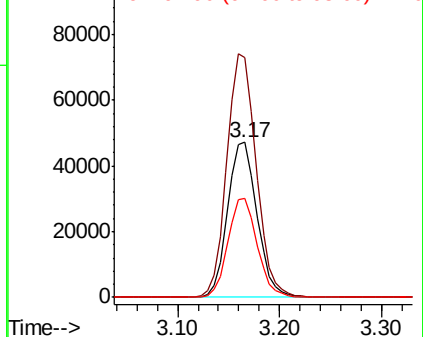


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.307 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Tgt Ion: 45 Resp: 405102

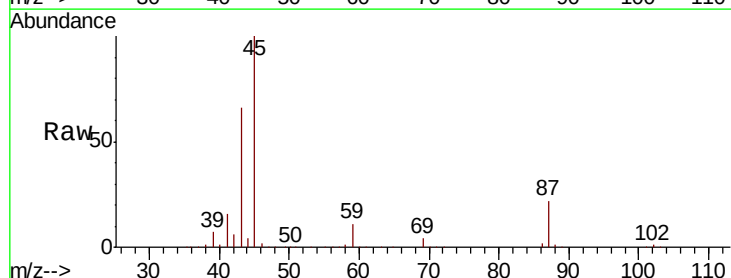
Ion Ratio Lower Upper

45 100

43 66.1 51.3 76.9

87 22.4 18.1 27.1

59 11.3 8.6 13.0



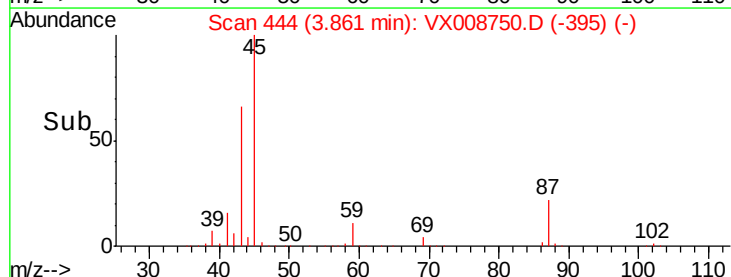
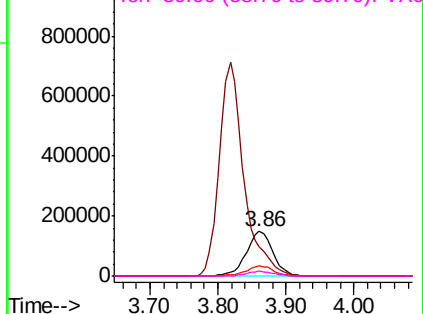
Abundance

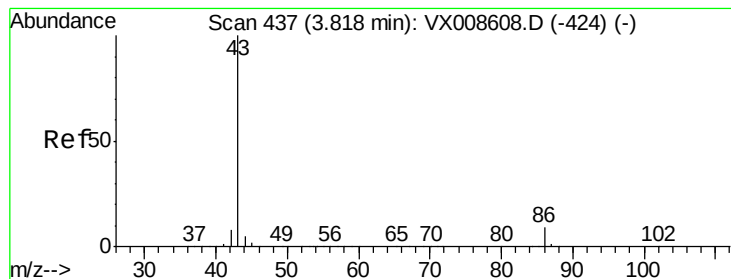
Ion 45.00 (44.70 to 45.70): VX0

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: 255.762 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

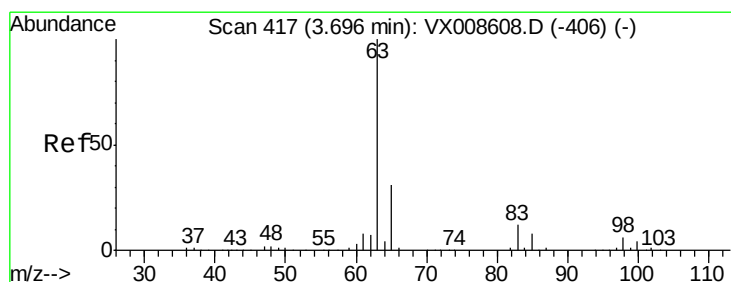
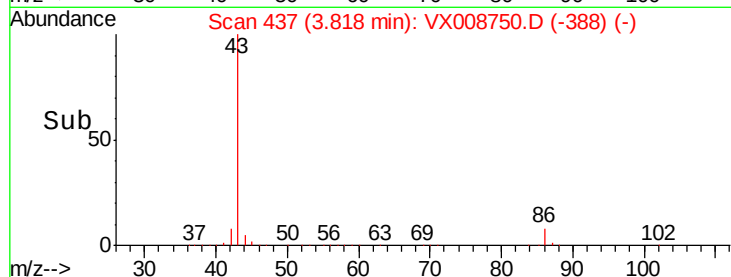
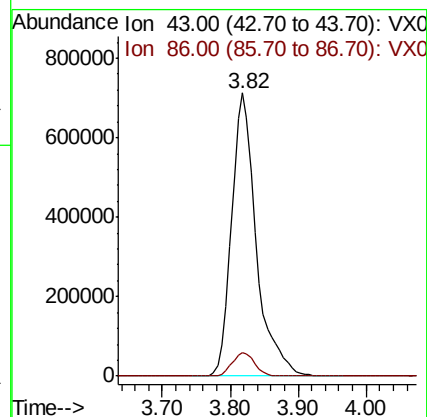
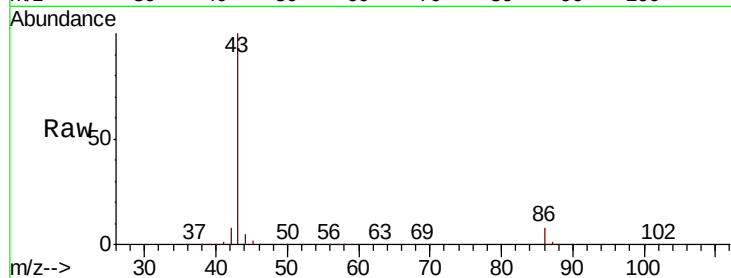
ST008MW214-190403MS

Tot Ion: 43 Resp: 1791679

Ion Ratio Lower Upper

43 100

86 8.3 7.0 10.6



#24

1,1-Dichloroethane

Concen: 50.174 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

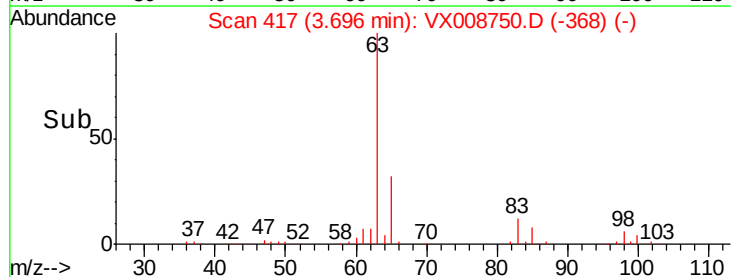
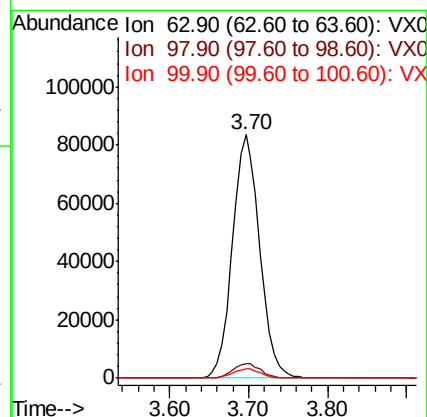
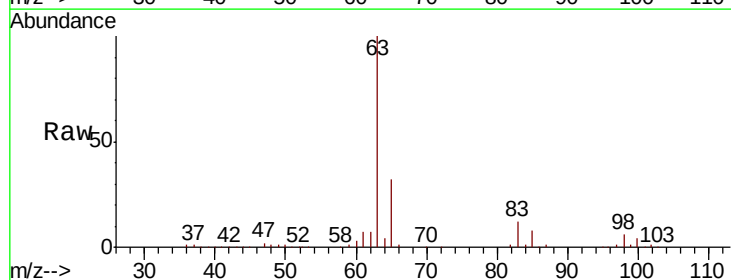
Tgt Ion: 63 Resp: 200042

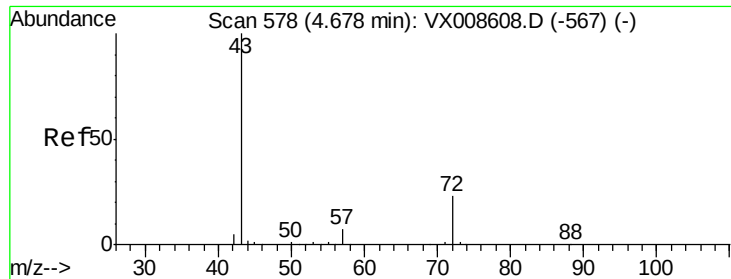
Ion Ratio Lower Upper

63 100

98 6.1 2.8 8.4

100 3.9 1.8 5.5





#25

2-Butanone

Concen: 270.030 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

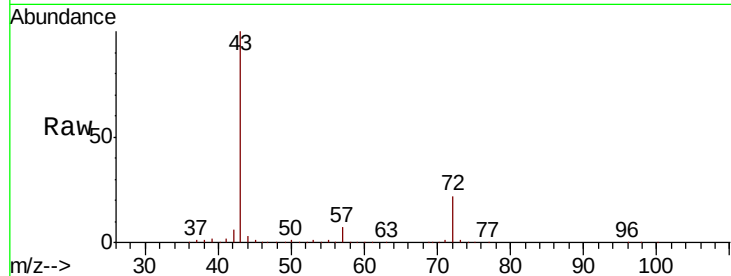
ST008MW214-190403MS

Tot Ion: 43 Resp: 566004

Ion Ratio Lower Upper

43 100

72 22.4 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.68

200000

150000

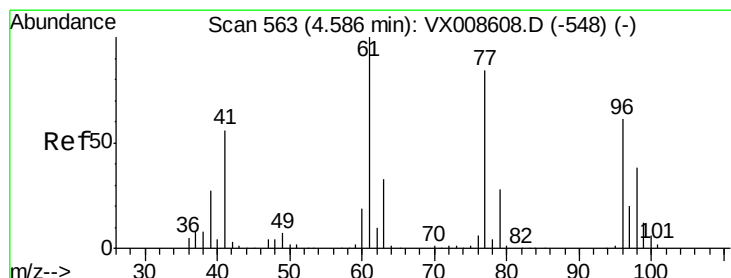
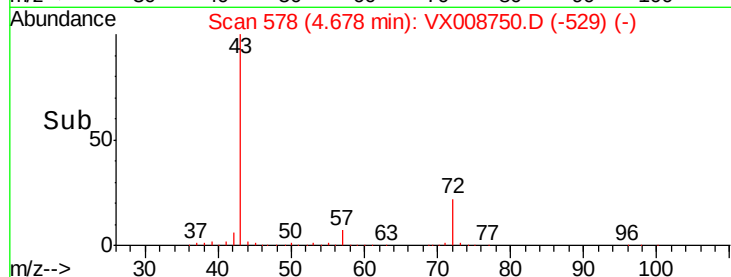
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 43.570 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008750.D

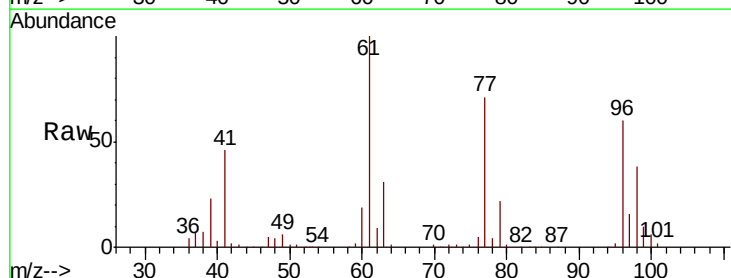
Acq: 08 Apr 2019 17:12

Tgt Ion: 77 Resp: 122348

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

40000

30000

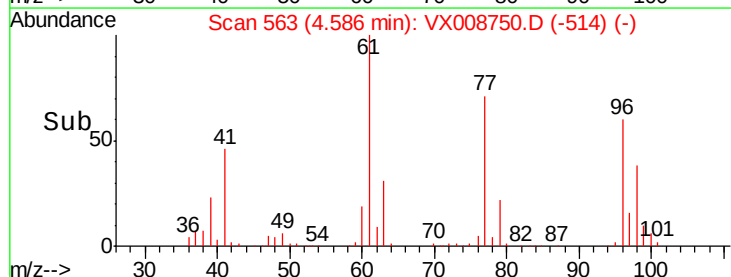
20000

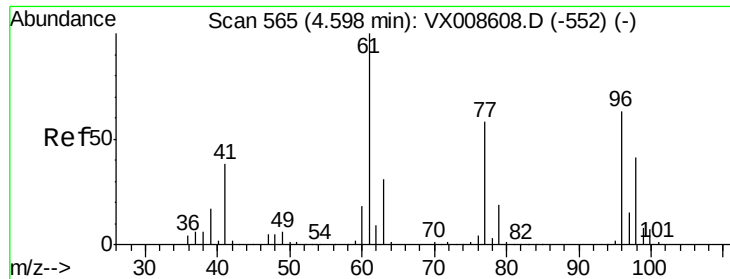
10000

0

4.40 4.50 4.60 4.70

Time-->



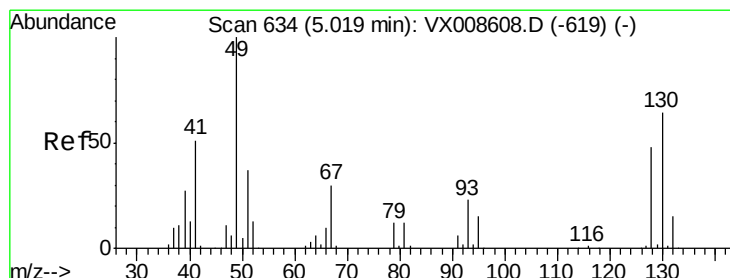
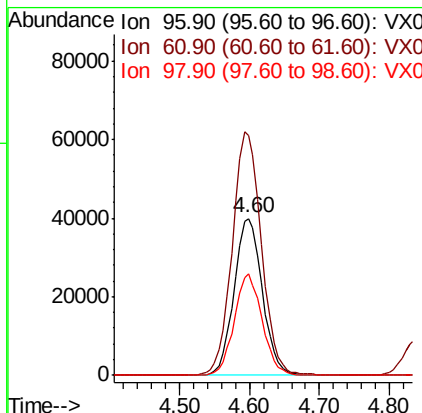
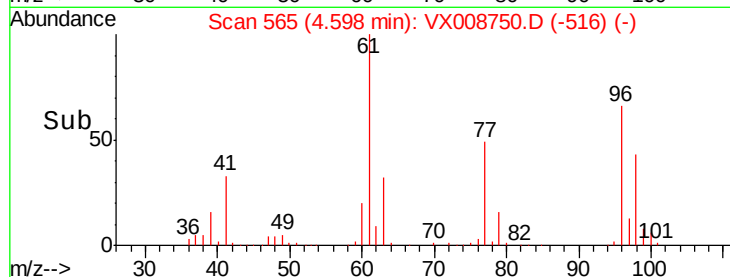
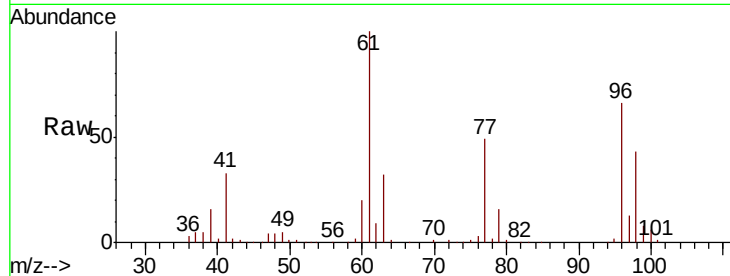


#27

cis-1,2-Dichloroethene
Concen: 49.192 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008750.D
Acq: 08 Apr 2019 17:12

Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MS

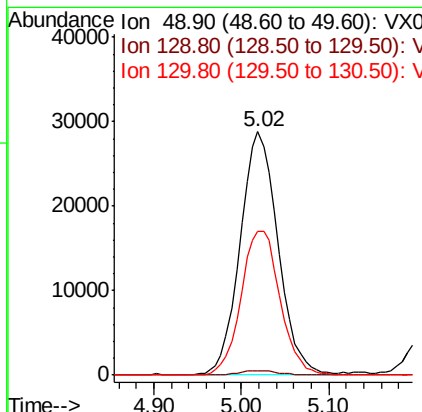
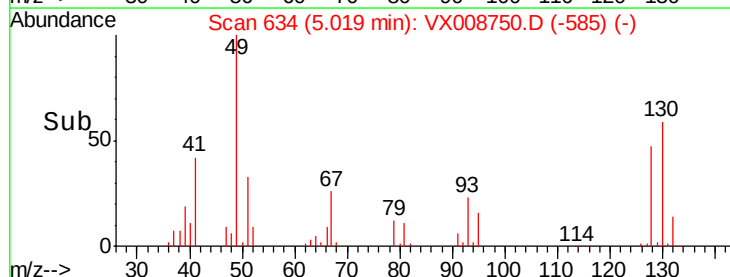
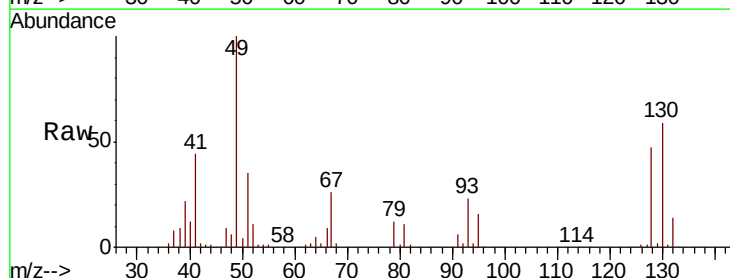
Tot Ion: 96 Resp: 111648
Ion Ratio Lower Upper
96 100
61 160.1 0.0 327.6
98 64.3 0.0 128.6

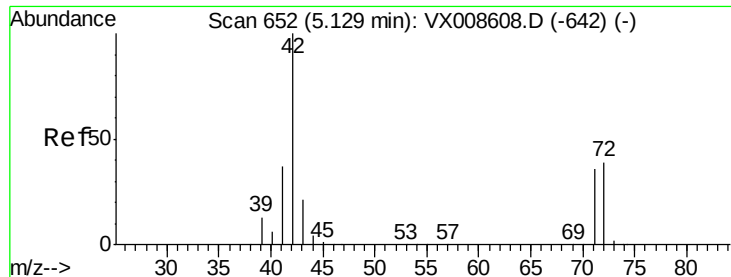


#28

Bromochloromethane
Concen: 52.352 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008750.D
Acq: 08 Apr 2019 17:12

Tgt Ion: 49 Resp: 86952
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.6
130 60.8 49.3 73.9

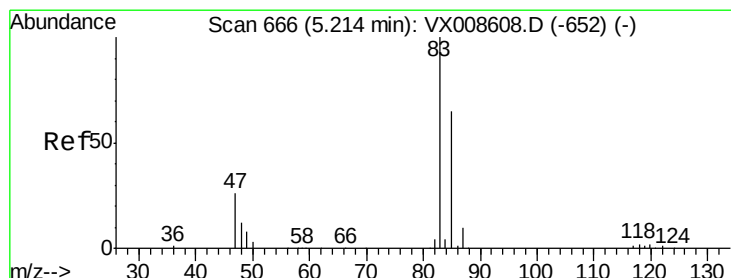
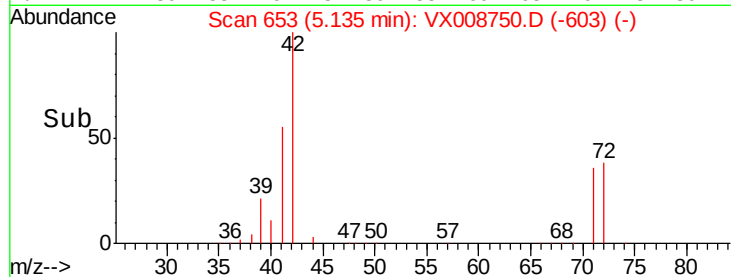
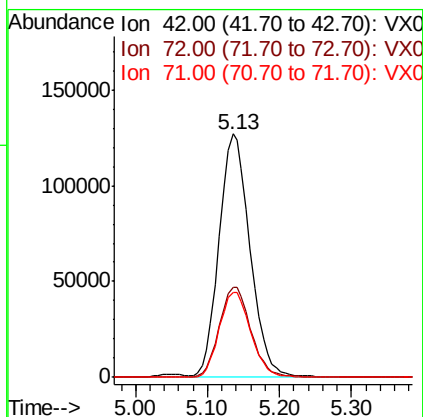
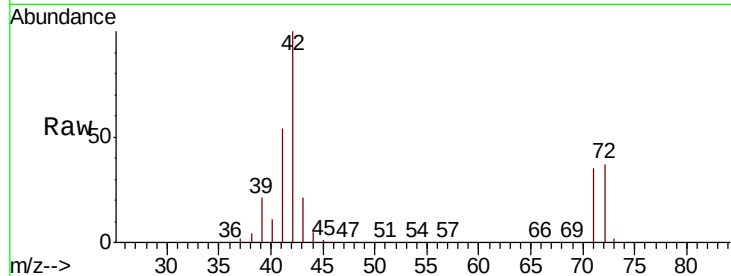




#29
Tetrahydrofuran
Concen: 272.086 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX008750.D
Acq: 08 Apr 2019 17:12

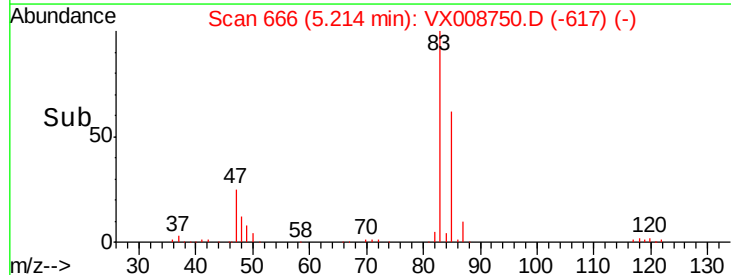
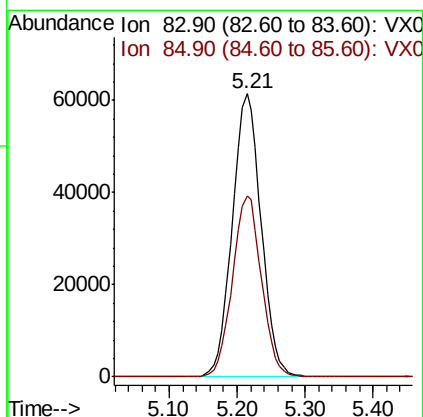
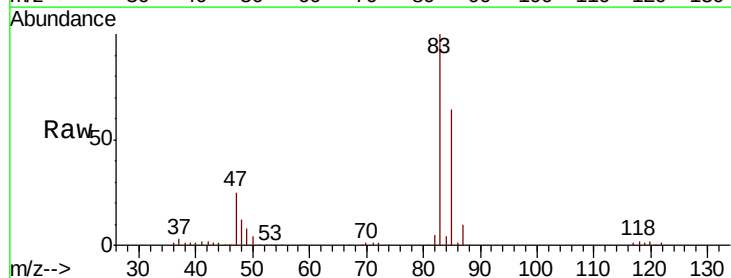
Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MS

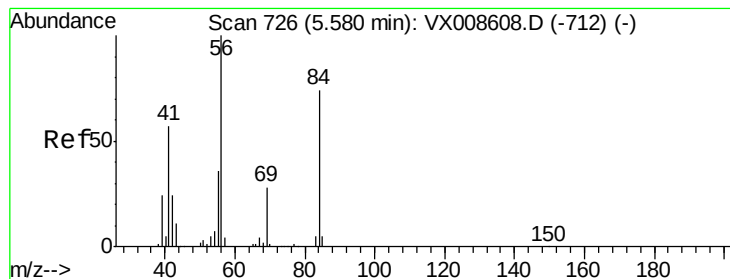
Tot Ion: 42 Resp: 378529
Ion Ratio Lower Upper
42 100
72 38.0 30.5 45.7
71 35.8 28.6 43.0



#30
Chloroform
Concen: 50.795 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008750.D
Acq: 08 Apr 2019 17:12

Tgt Ion: 83 Resp: 180881
Ion Ratio Lower Upper
83 100
85 63.9 52.1 78.1





#31

Cyclohexane

Concen: 46.174 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MS

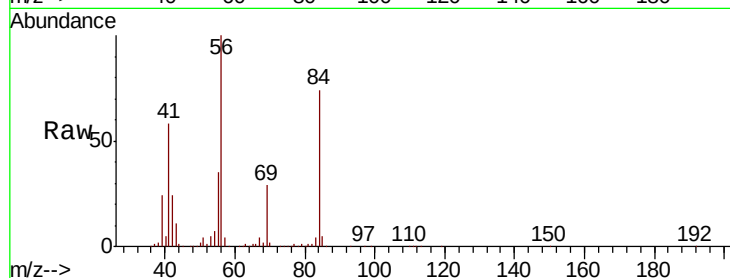
Tot Ion: 56 Resp: 183694

Ion Ratio Lower Upper

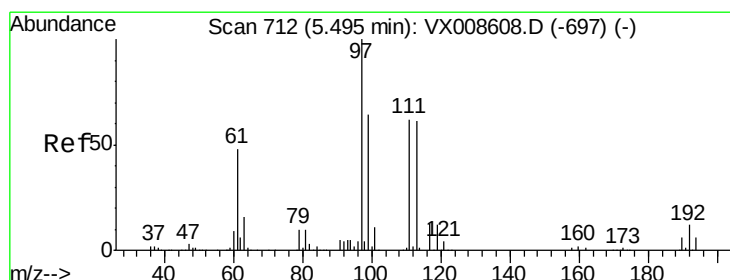
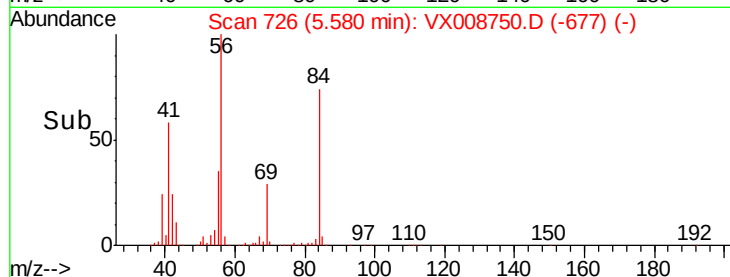
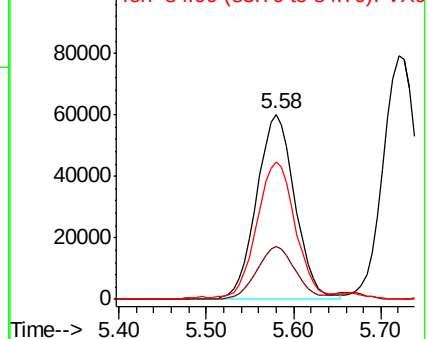
56 100

69 28.5 22.6 33.8

84 73.0 59.3 88.9



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



#32

1,1,1-Trichloroethane

Concen: 50.112 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

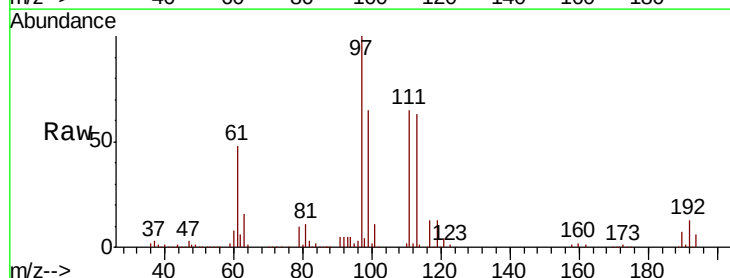
Tgt Ion: 97 Resp: 144203

Ion Ratio Lower Upper

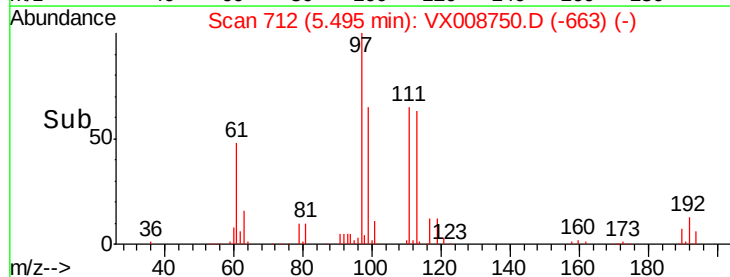
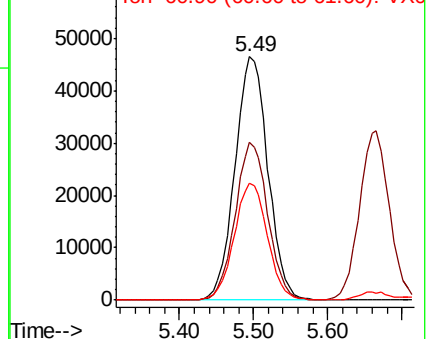
97 100

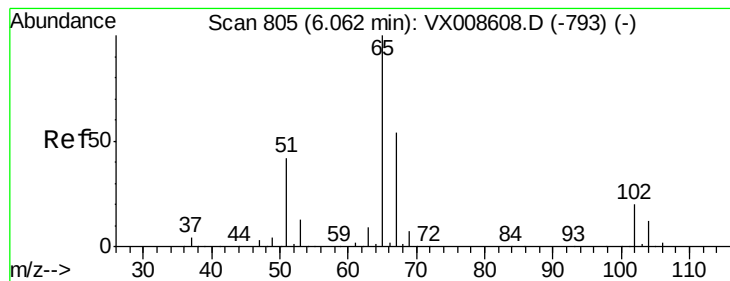
99 64.3 51.3 76.9

61 48.6 38.9 58.3



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: 52.019 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

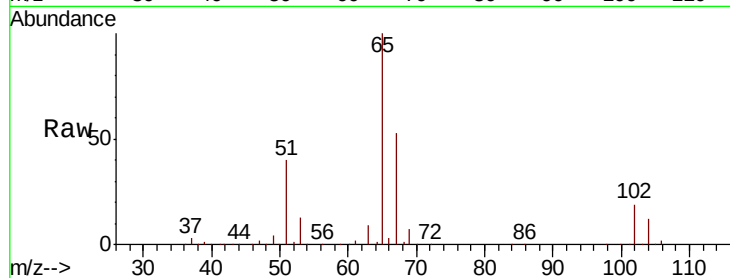
ST008MW214-190403MS

Tot Ion: 65 Resp: 119774

Ion Ratio Lower Upper

65 100

67 54.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

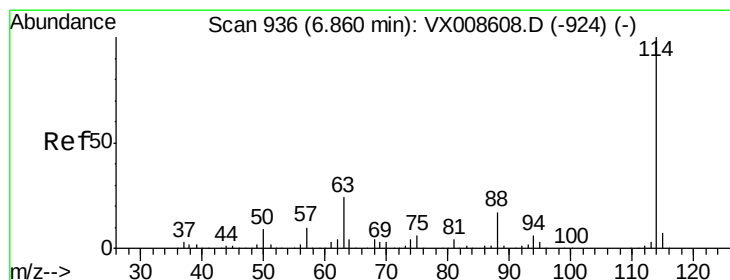
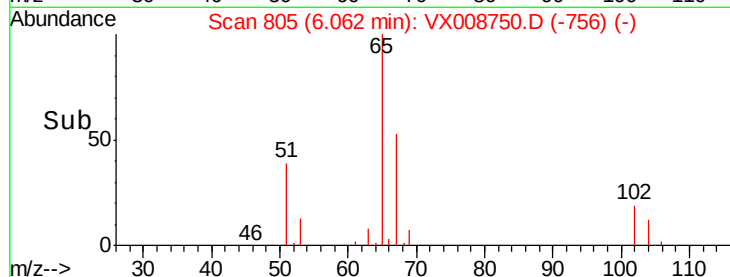
20000

10000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

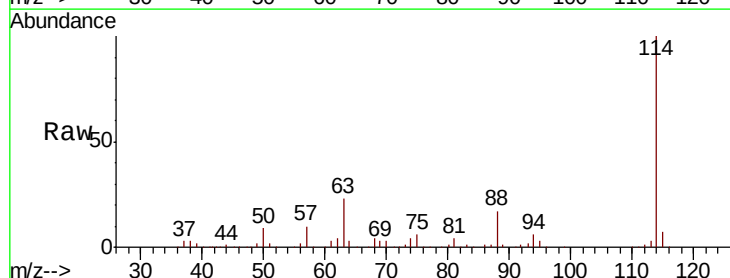
Tgt Ion: 114 Resp: 272485

Ion Ratio Lower Upper

114 100

63 23.3 0.0 47.2

88 17.0 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

150000

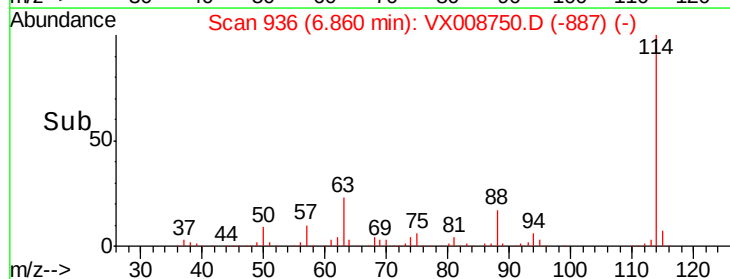
100000

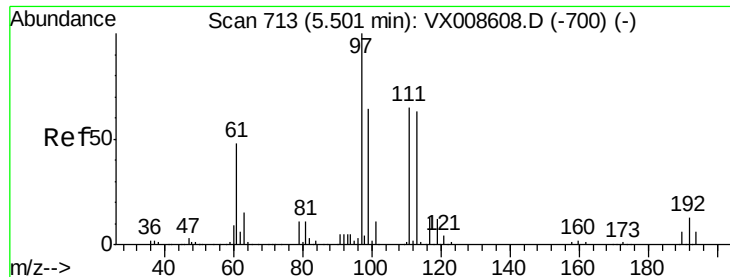
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 51.027 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MS

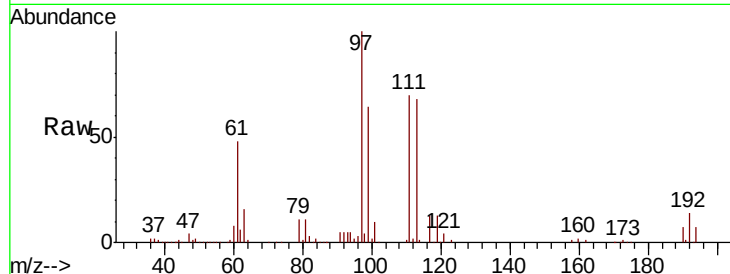
Tot Ion:113 Resp: 88898

Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

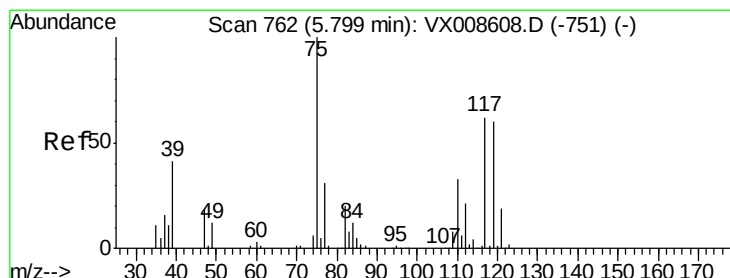
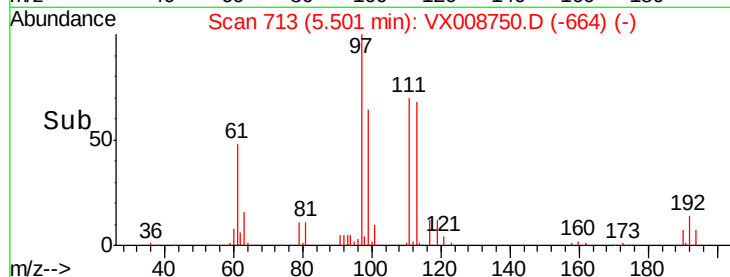
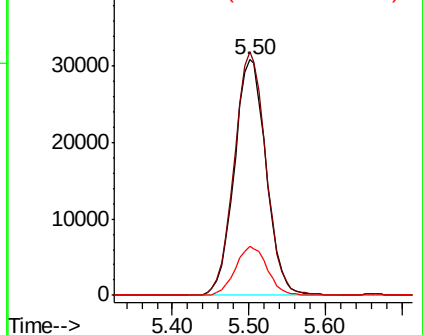
192 20.8 16.1 24.1



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: 45.419 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

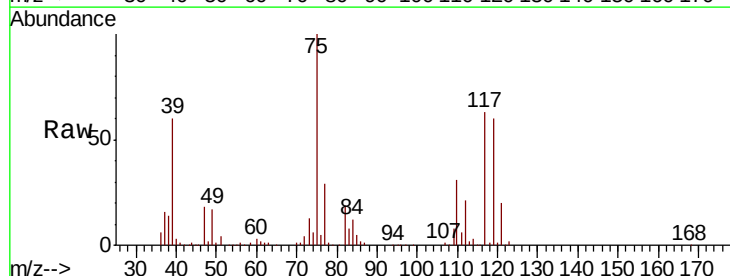
Tgt Ion: 75 Resp: 135282

Ion Ratio Lower Upper

75 100

110 33.2 16.4 49.2

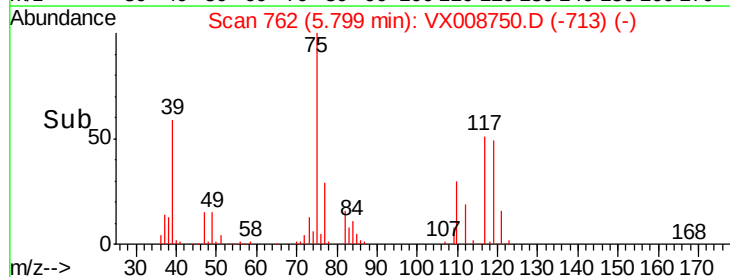
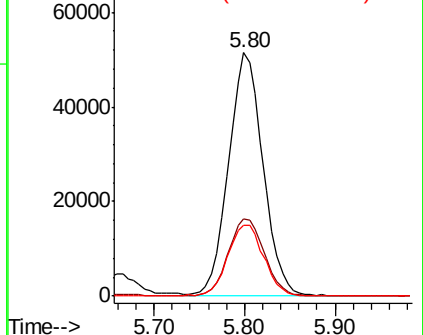
77 30.4 24.7 37.1

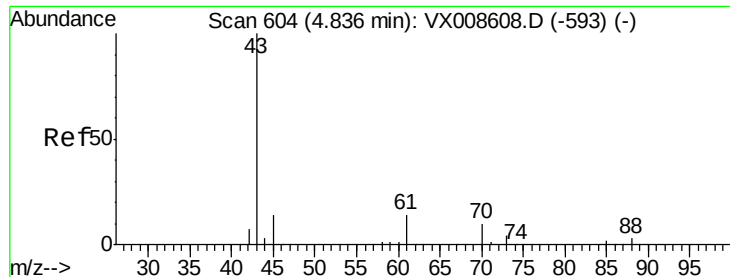


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

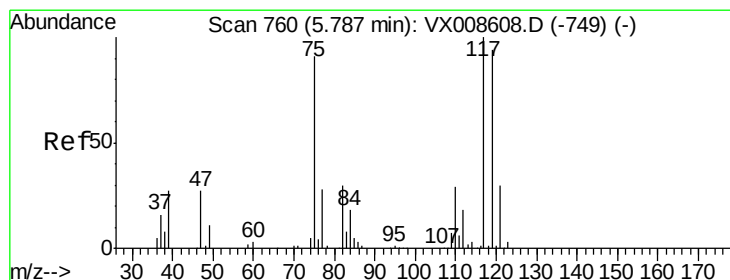
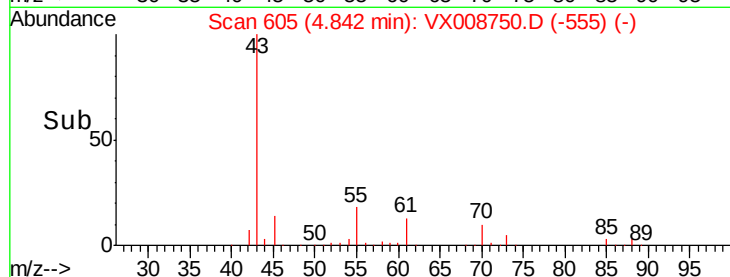
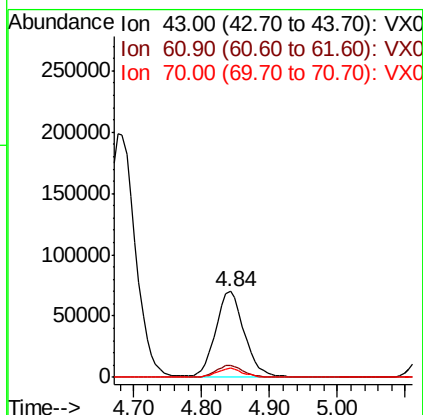
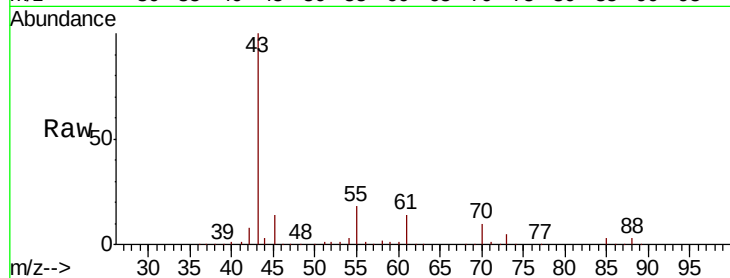




#37
Ethyl Acetate
Concen: 51.353 ug/l
RT: 4.84 min Scan# 605
Delta R.T. 0.01 min
Lab File: VX008750.D
Acq: 08 Apr 2019 17:12

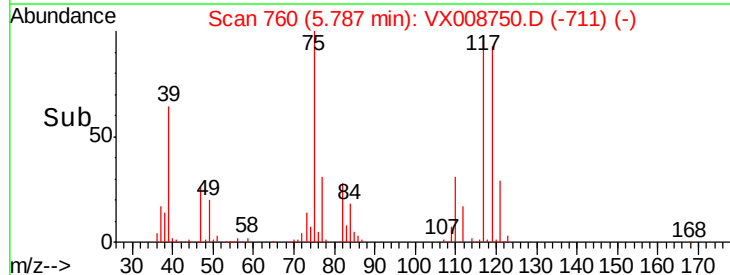
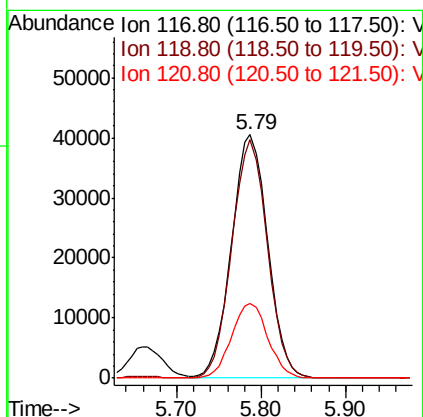
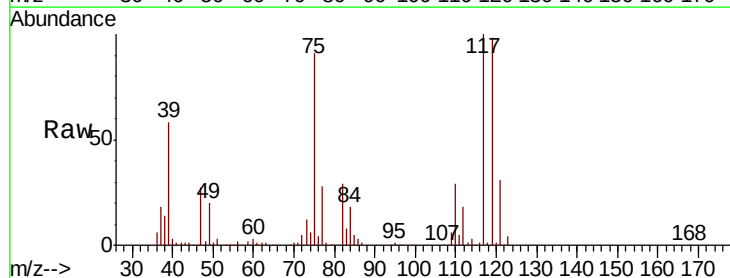
Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MS

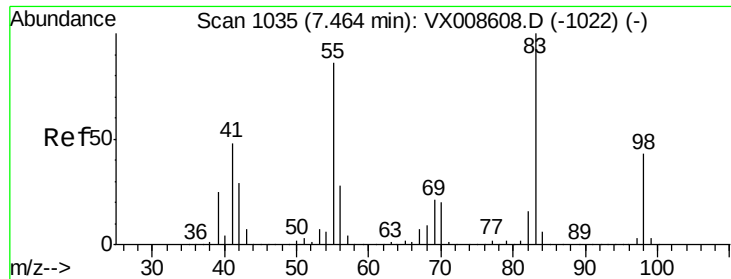
Tot Ion: 43 Resp: 204163
Ion Ratio Lower Upper
43 100
61 13.2 10.3 15.5
70 9.7 7.6 11.4



#38
Carbon Tetrachloride
Concen: 48.015 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008750.D
Acq: 08 Apr 2019 17:12

Tgt Ion: 117 Resp: 118367
Ion Ratio Lower Upper
117 100
119 97.8 75.0 112.6
121 30.7 24.3 36.5

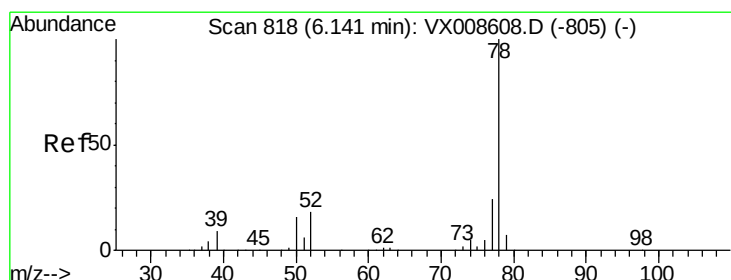
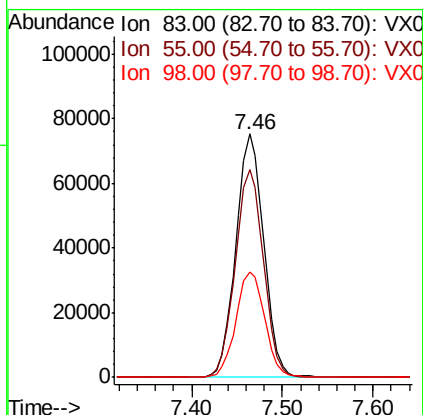
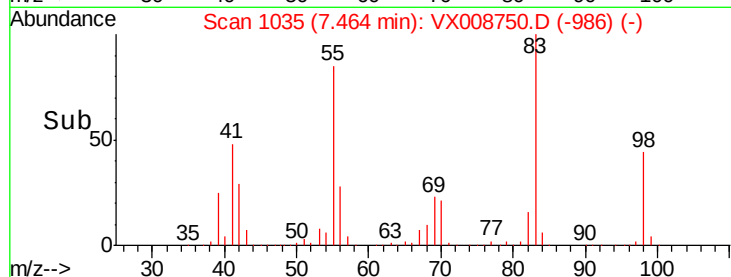
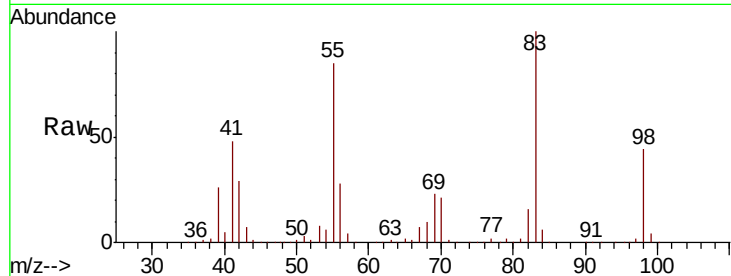




#39
Methylvlcyclohexane
Concen: 43.672 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008750.D
Acq: 08 Apr 2019 17:12

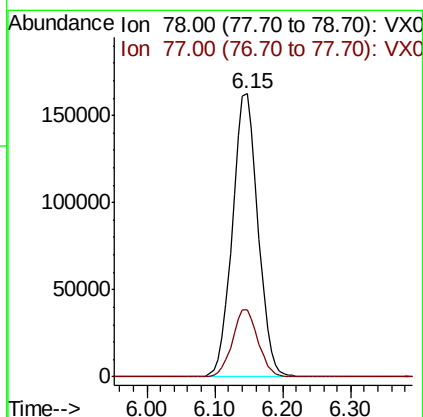
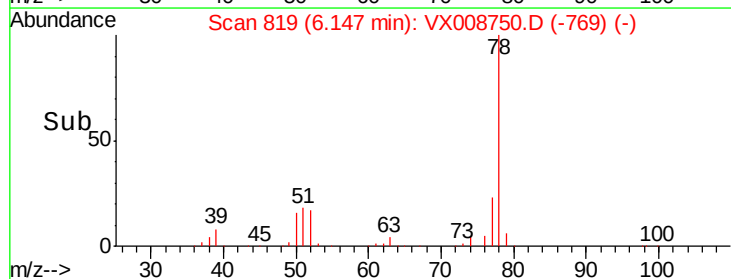
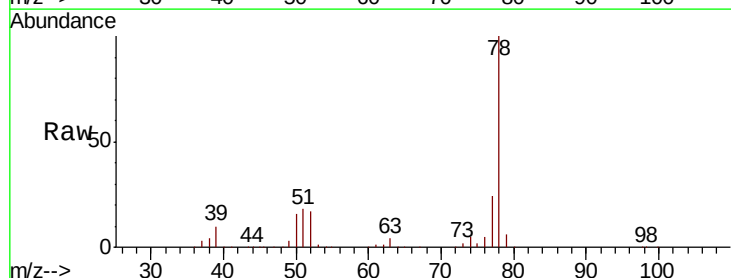
Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MS

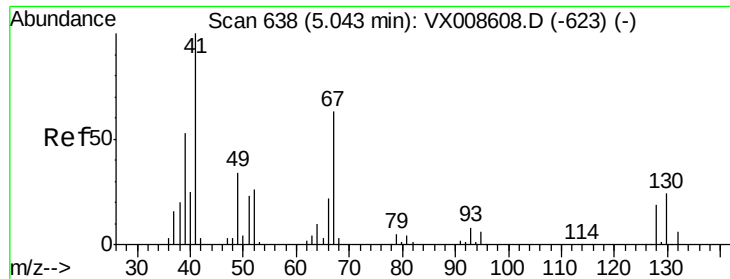
Tot Ion: 83 Resp: 160690
Ion Ratio Lower Upper
83 100
55 85.3 69.0 103.6
98 43.5 34.4 51.6



#40
Benzene
Concen: 47.769 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX008750.D
Acq: 08 Apr 2019 17:12

Tgt Ion: 78 Resp: 423871
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7

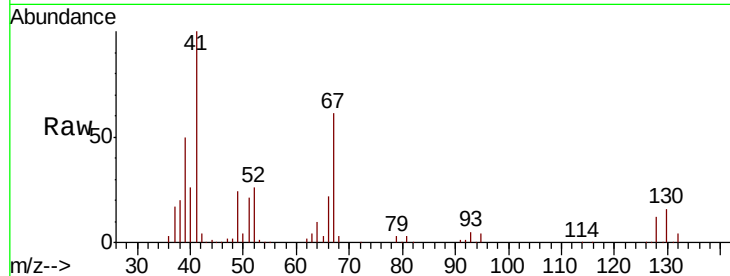




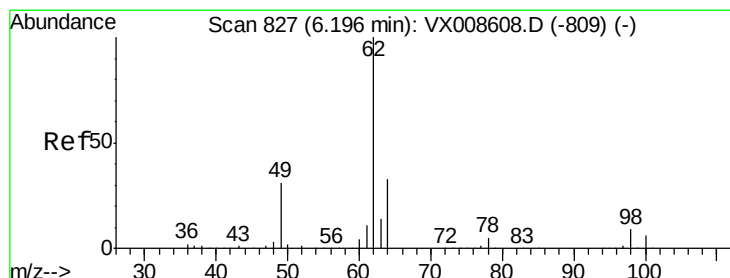
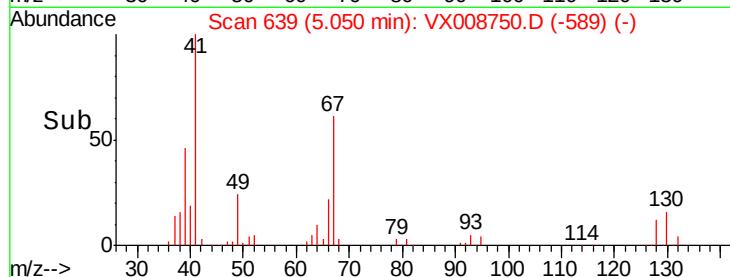
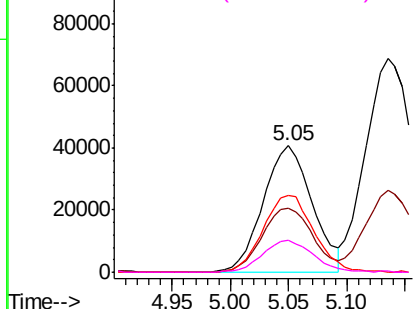
#41
Methacrylonitrile
Concen: 51.860 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX008750.D
Acq: 08 Apr 2019 17:12

Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MS

Tot Ion:	41	Resp:	118515
Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.1	63.1
67	63.4	51.0	76.6
52	25.8	21.4	32.0

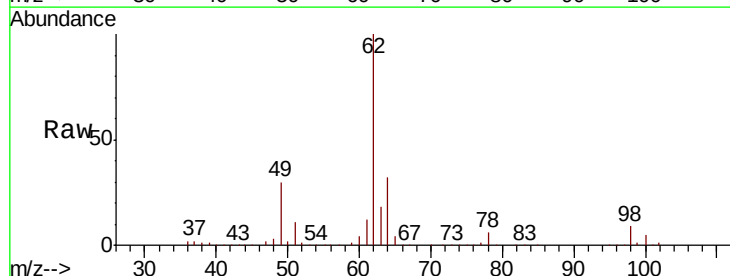


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

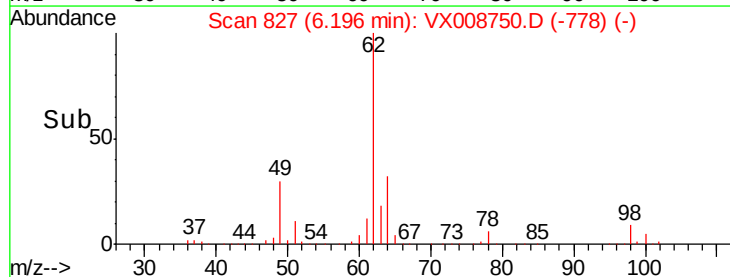
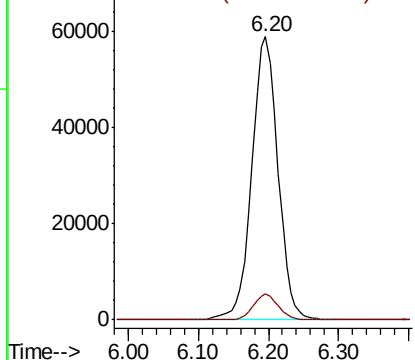


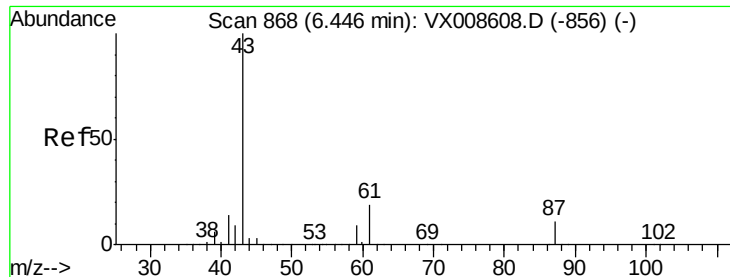
#42
1,2-Dichloroethane
Concen: 48.217 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008750.D
Acq: 08 Apr 2019 17:12

Tgt Ion:	62	Resp:	153384
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.0



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



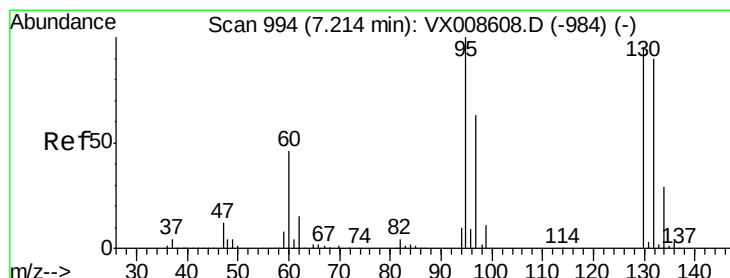
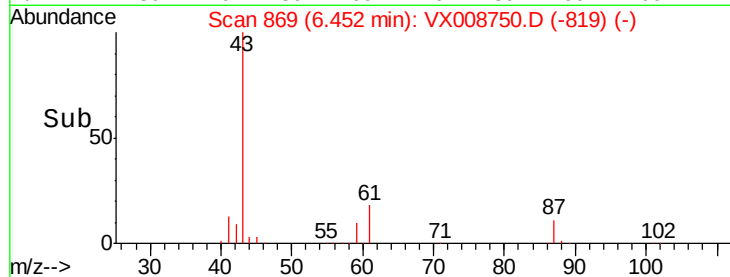
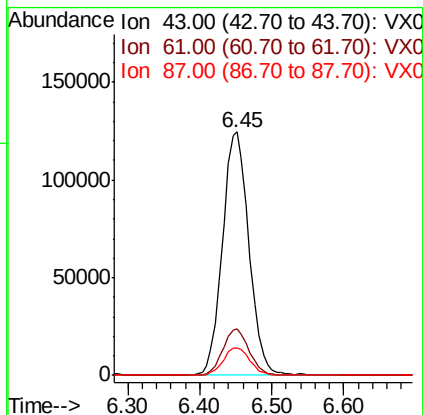
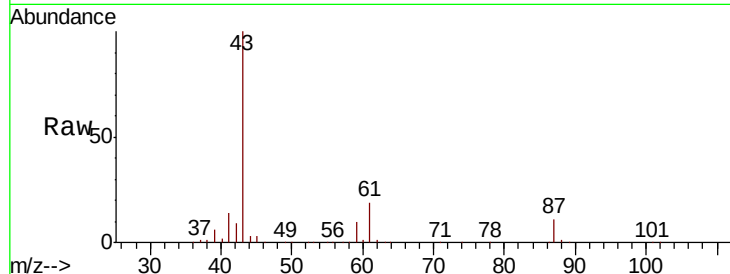


#43

Isopropyl Acetate
 Concen: 50.968 ug/l
 RT: 6.45 min Scan# 869
 Delta R.T. 0.01 min
 Lab File: VX008750.D
 Acq: 08 Apr 2019 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MS

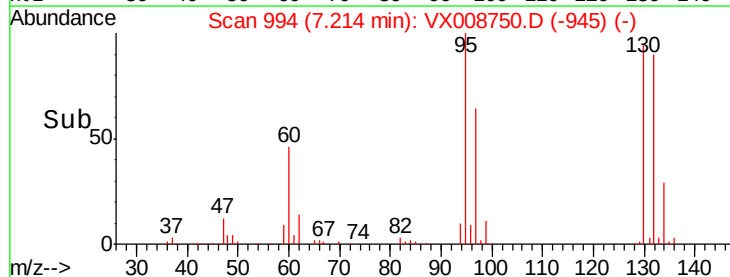
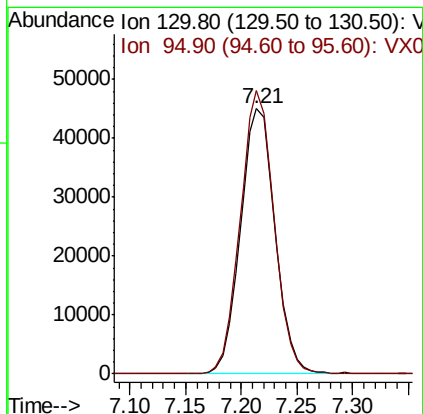
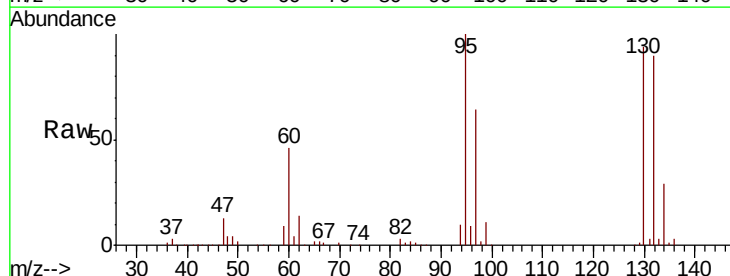
Tot Ion: 43 Resp: 317426
 Ion Ratio Lower Upper
 43 100
 61 19.0 15.3 22.9
 87 11.4 9.0 13.6

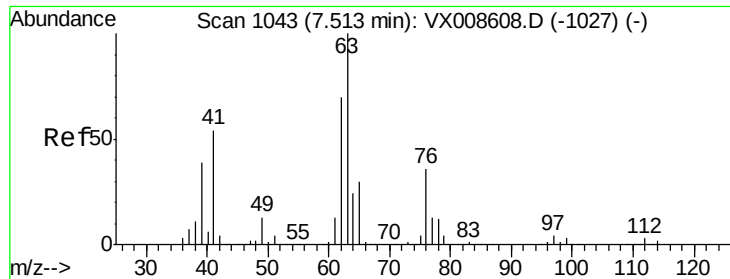


#44

Trichloroethene
 Concen: 47.143 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008750.D
 Acq: 08 Apr 2019 17:12

Tgt Ion:130 Resp: 97430
 Ion Ratio Lower Upper
 130 100
 95 106.9 0.0 209.8

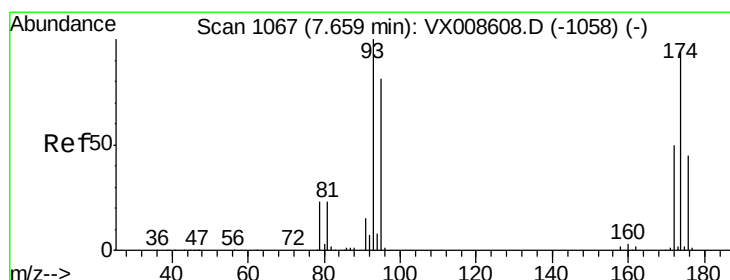
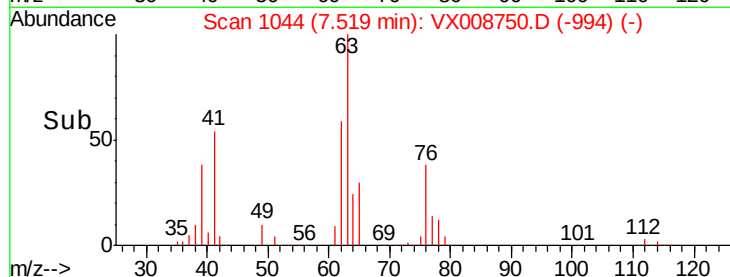
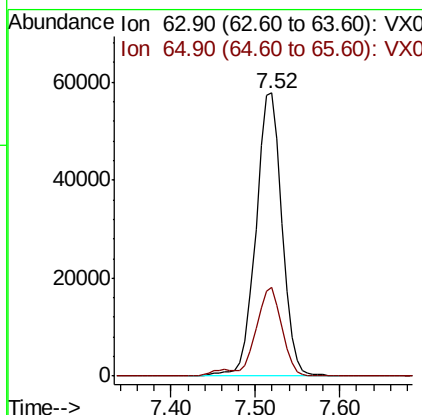
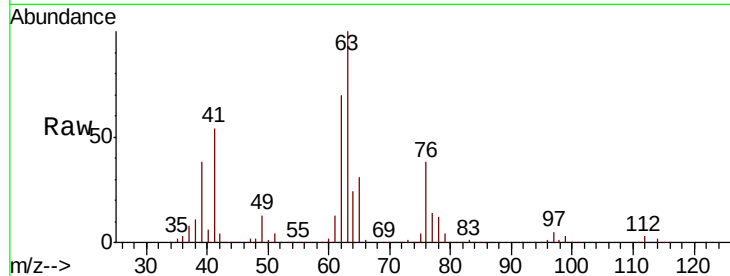




#45
 1,2-Dichloropropane
 Concen: 48.280 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX008750.D
 Acq: 08 Apr 2019 17:12

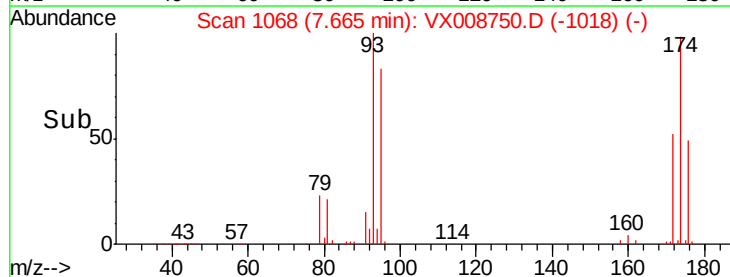
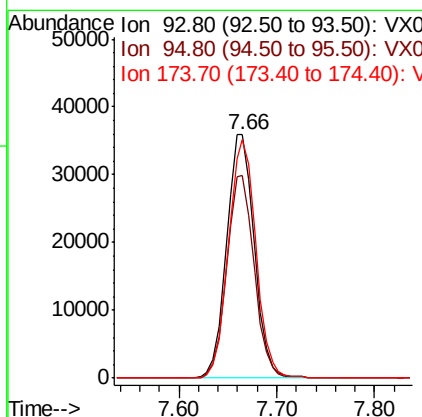
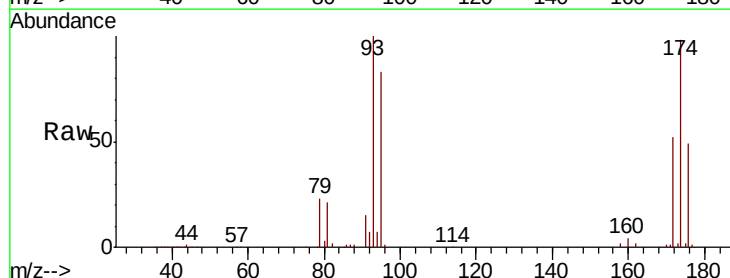
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MS

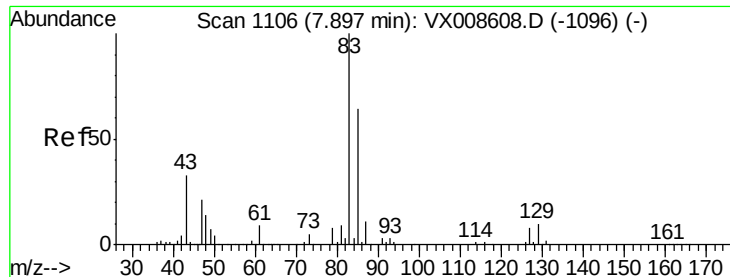
Tot Ion: 63 Resp: 122279
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.2 36.4



#46
 Dibromomethane
 Concen: 47.896 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX008750.D
 Acq: 08 Apr 2019 17:12

Tgt Ion: 93 Resp: 70355
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.6 99.8
 174 97.4 77.7 116.5





#47

Bromodichloromethane

Concen: 49.652 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MS

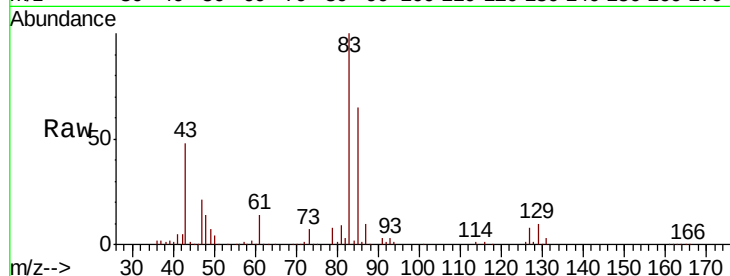
Tot Ion: 83 Resp: 137517

Ion Ratio Lower Upper

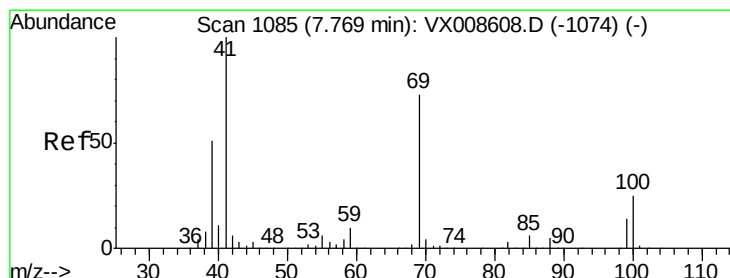
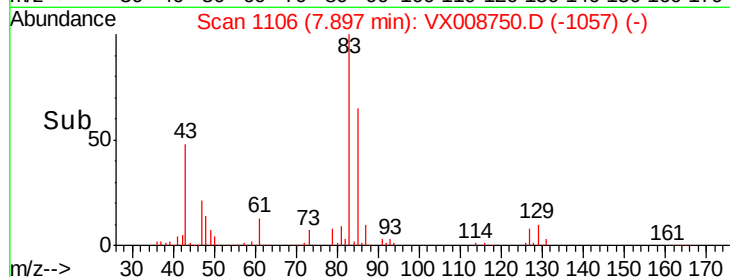
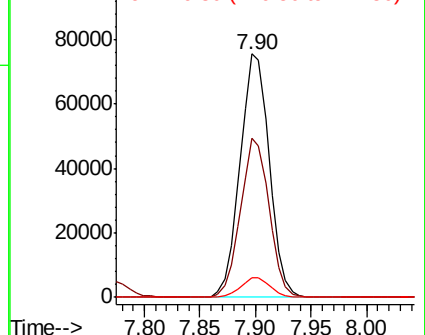
83 100

85 65.2 51.2 76.8

127 8.1 6.6 10.0



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



#48

Methyl methacrylate

Concen: 51.043 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.01 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

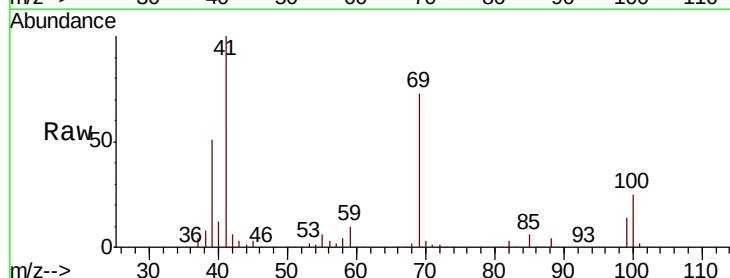
Tgt Ion: 41 Resp: 160806

Ion Ratio Lower Upper

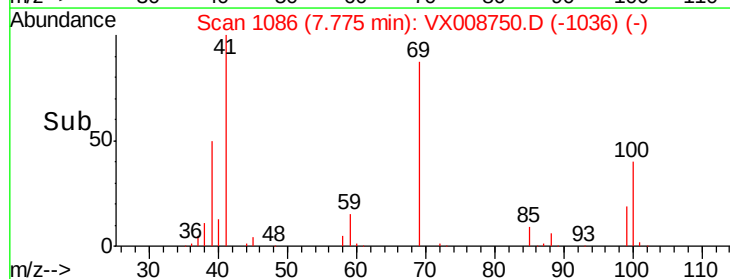
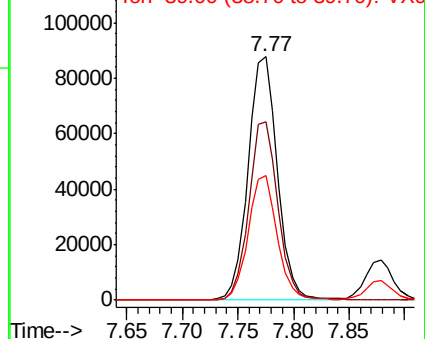
41 100

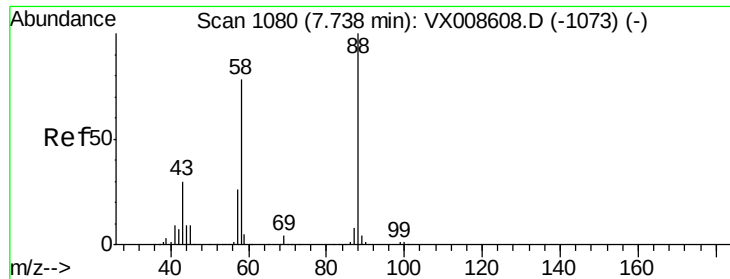
69 73.0 59.0 88.4

39 50.5 41.0 61.4



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

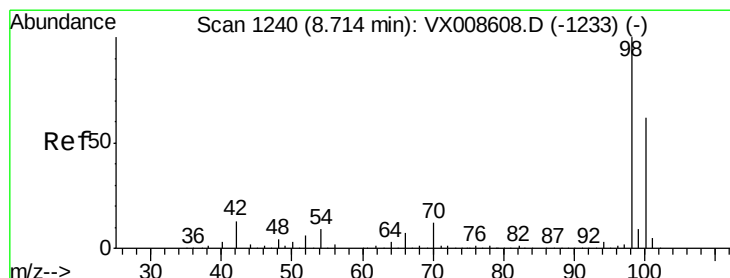
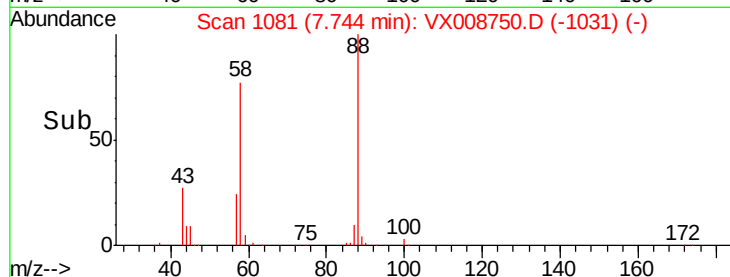
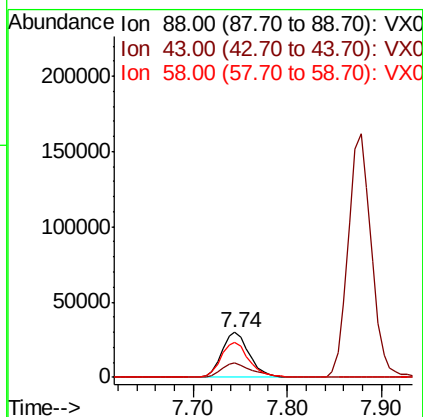
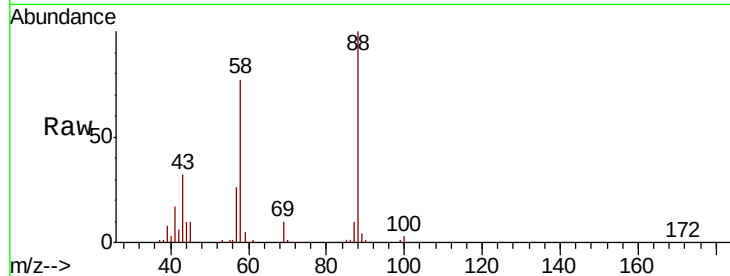




#49
 1,4-Dioxane
 Concen: 1031.410 ug/l
 RT: 7.74 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: VX008750.D
 Acq: 08 Apr 2019 17:12

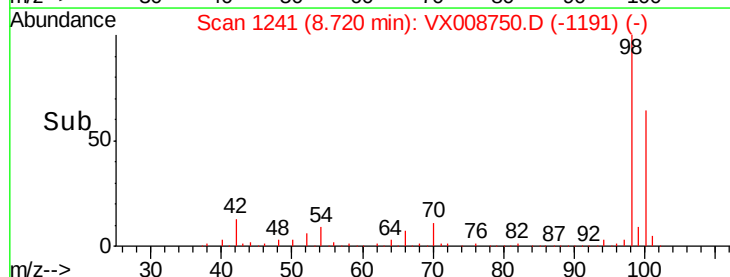
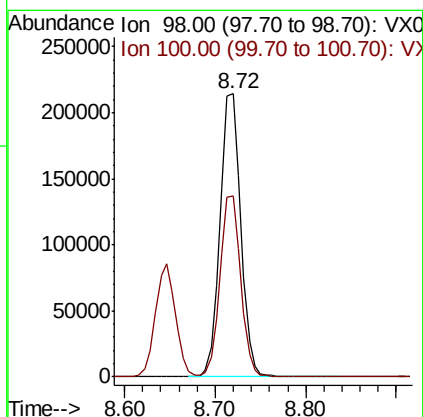
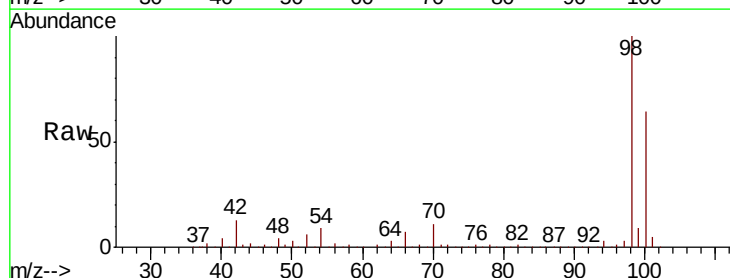
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MS

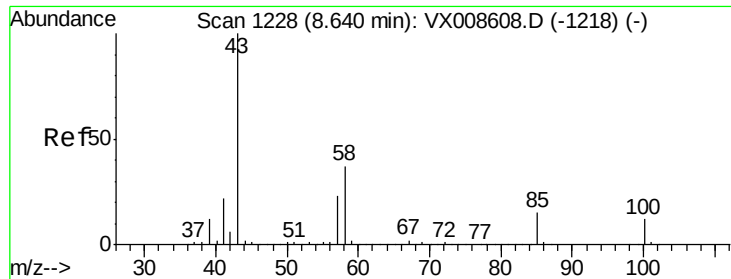
Tot Ion: 88 Resp: 60870
 Ion Ratio Lower Upper
 88 100
 43 36.0 28.6 43.0
 58 78.9 62.2 93.2



#50
 Toluene-d8
 Concen: 49.465 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: VX008750.D
 Acq: 08 Apr 2019 17:12

Tgt Ion: 98 Resp: 343129
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 265.803 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

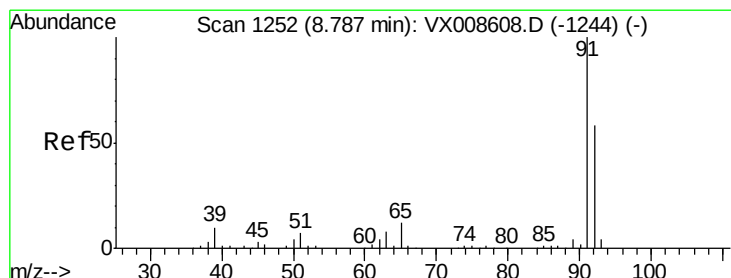
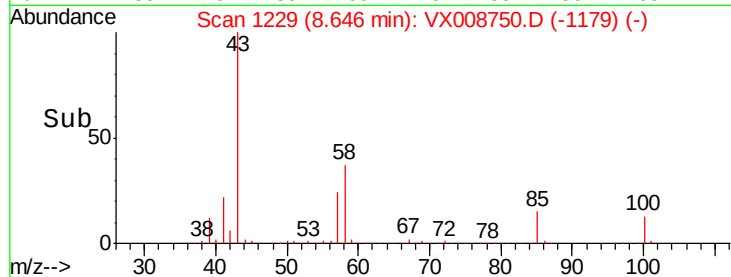
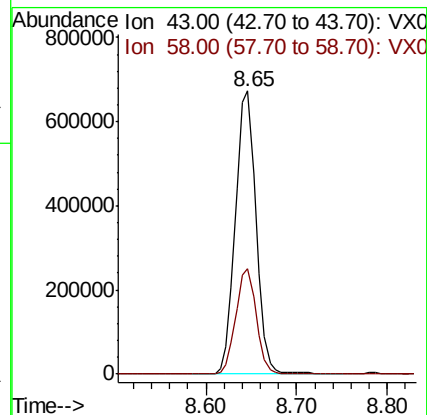
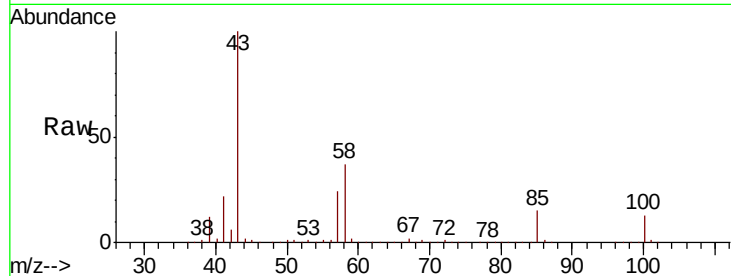
ST008MW214-190403MS

Tot Ion: 43 Resp: 1065651

Ion Ratio Lower Upper

43 100

58 36.8 29.5 44.3



#52

Toluene

Concen: 47.508 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008750.D

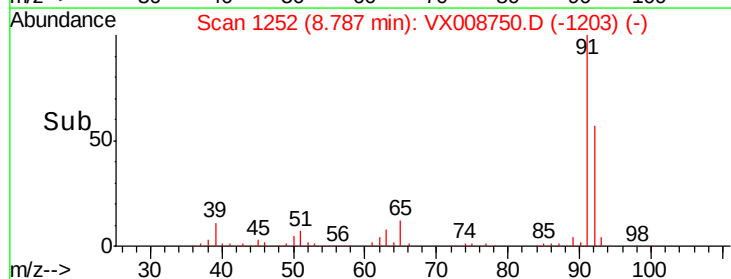
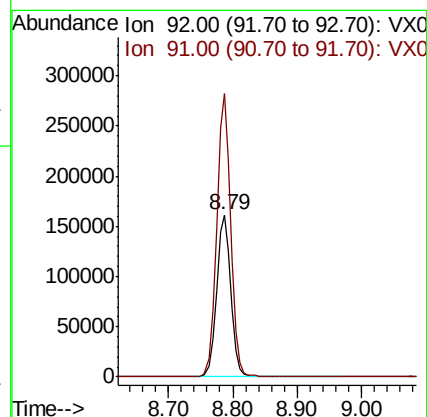
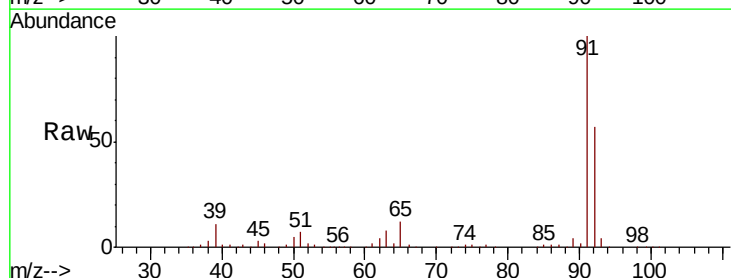
Acq: 08 Apr 2019 17:12

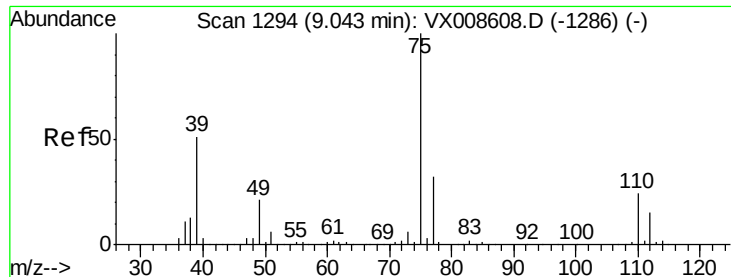
Tgt Ion: 92 Resp: 248532

Ion Ratio Lower Upper

92 100

91 172.8 138.5 207.7

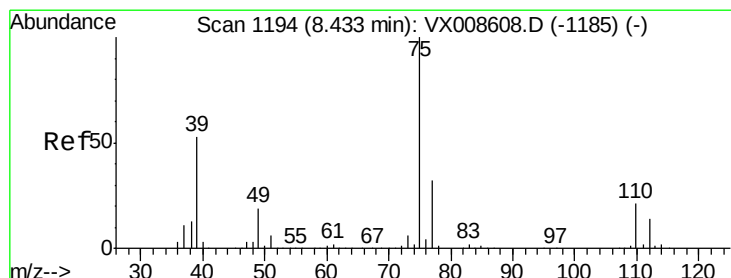
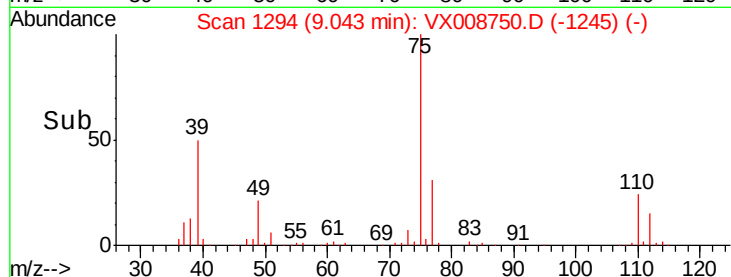
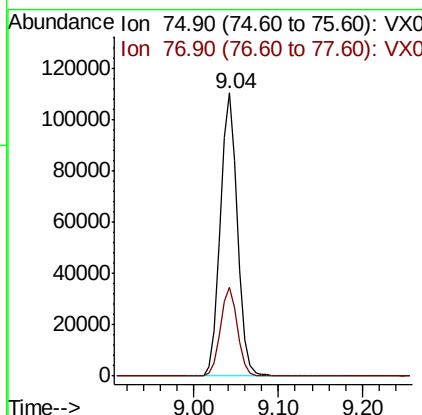
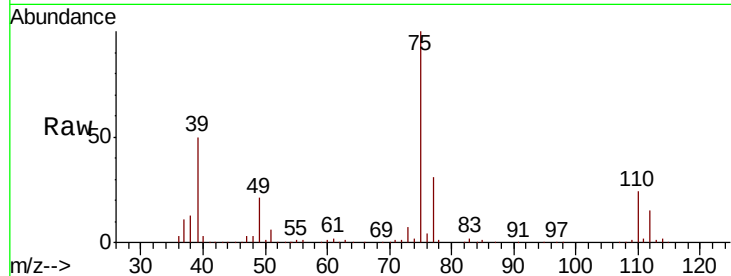




#53
 t-1,3-Dichloropropene
 Concen: 50.227 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008750.D
 Acq: 08 Apr 2019 17:12

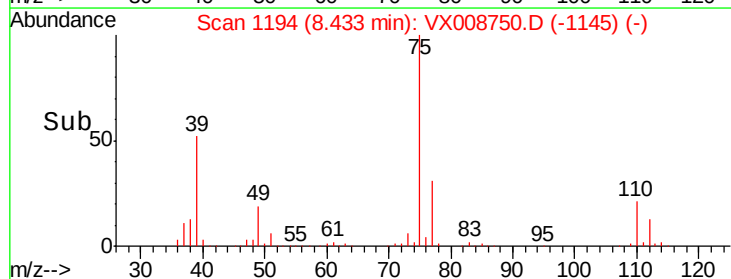
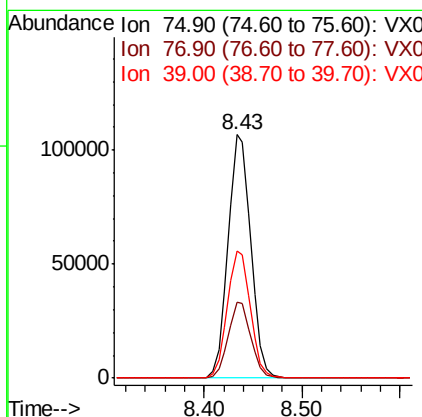
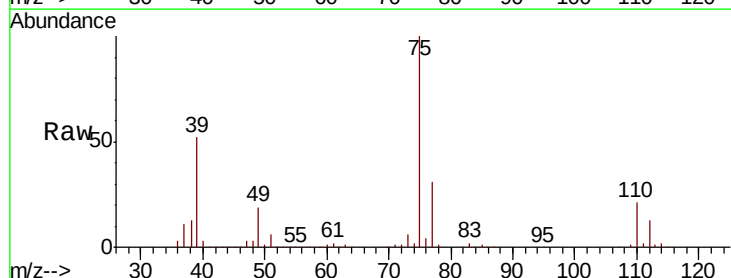
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MS

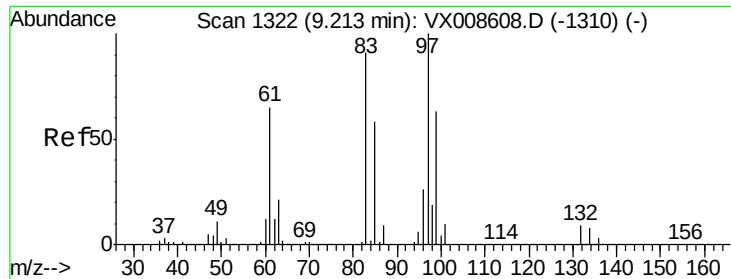
Tot Ion: 75 Resp: 155827
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 48.706 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008750.D
 Acq: 08 Apr 2019 17:12

Tgt Ion: 75 Resp: 172664
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.3 37.9
 39 52.1 42.6 63.8

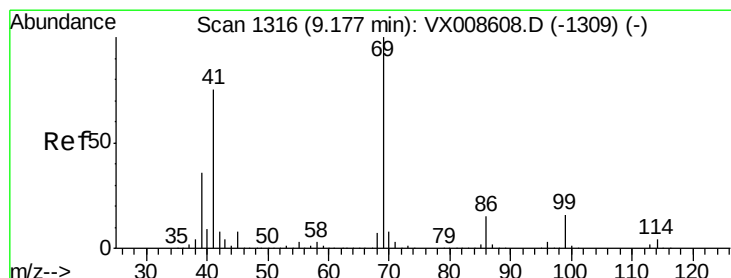
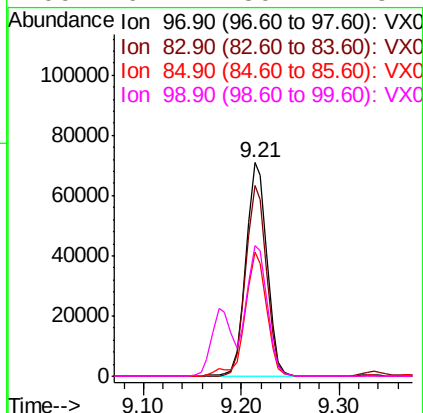
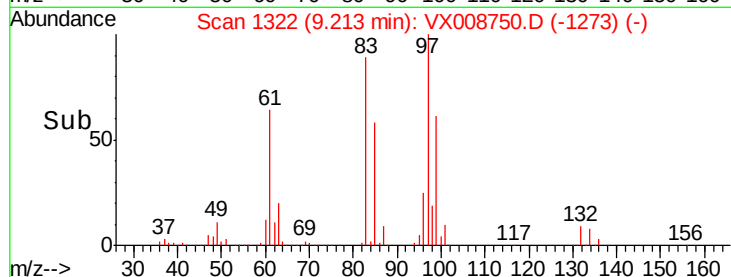
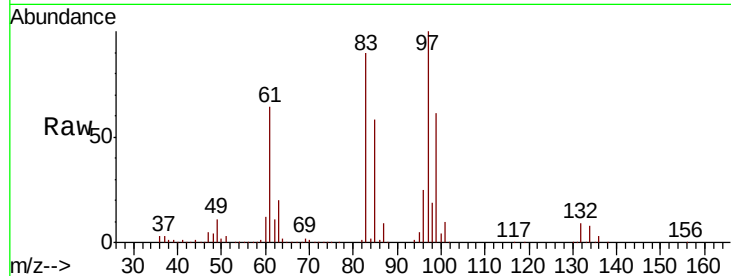




#55
 1,1,2-Trichloroethane
 Concen: 50.400 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008750.D
 Acq: 08 Apr 2019 17:12

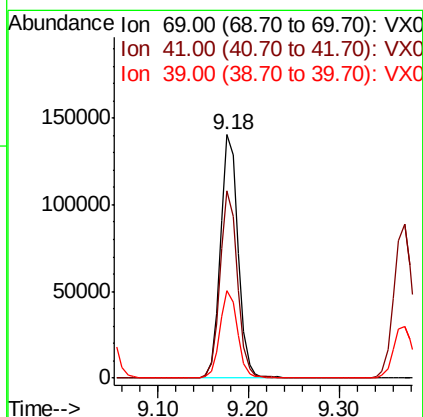
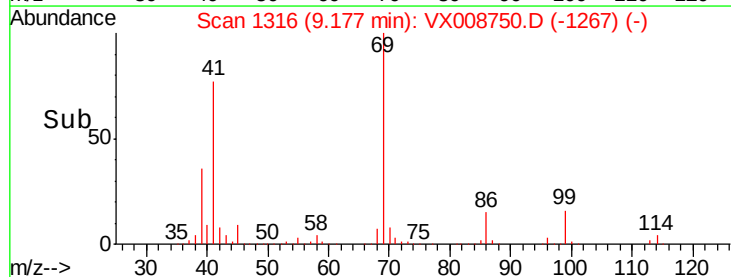
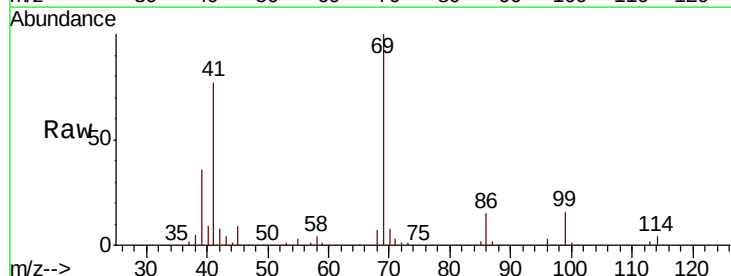
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MS

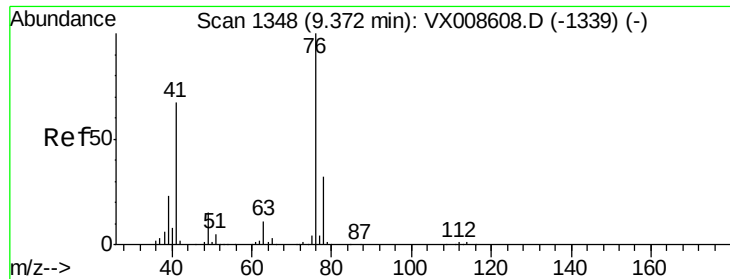
Tot Ion: 97 Resp: 105835
 Ion Ratio Lower Upper
 97 100
 83 89.6 73.2 109.8
 85 57.9 46.6 69.8
 99 61.1 50.1 75.1



#56
 Ethyl methacrylate
 Concen: 50.406 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008750.D
 Acq: 08 Apr 2019 17:12

Tgt Ion: 69 Resp: 191512
 Ion Ratio Lower Upper
 69 100
 41 75.6 60.1 90.1
 39 35.7 28.9 43.3

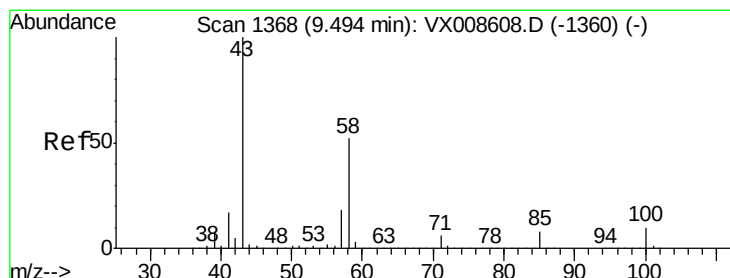
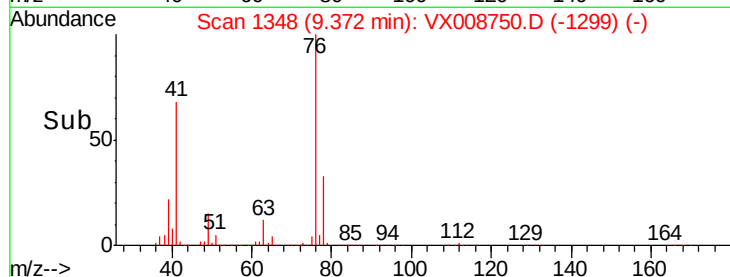
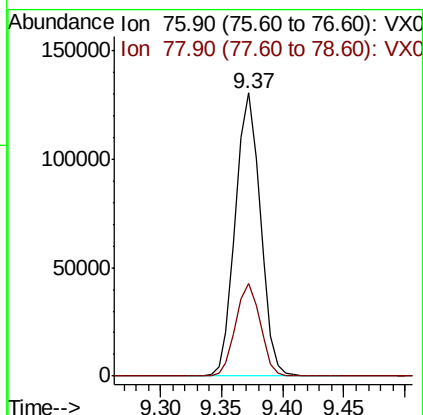
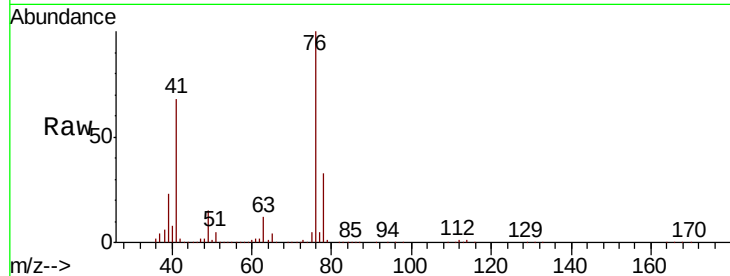




#57
 1,3-Dichloropropane
 Concen: 49.075 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008750.D
 Acq: 08 Apr 2019 17:12

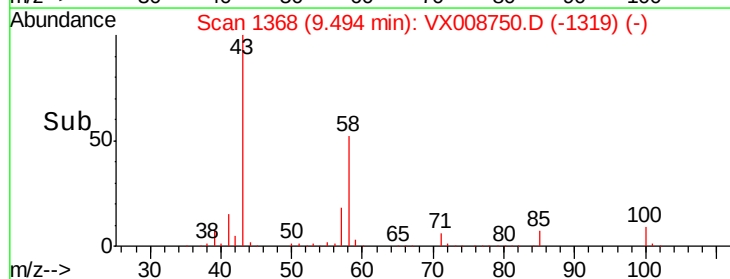
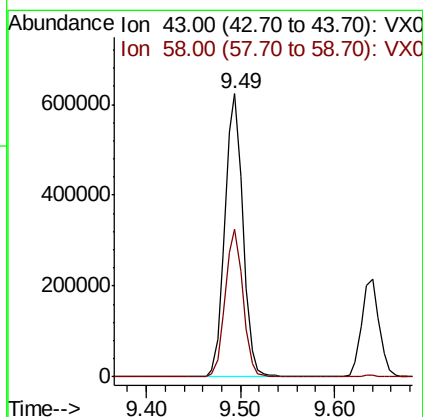
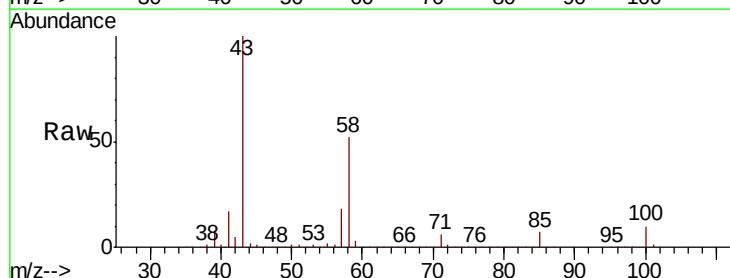
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MS

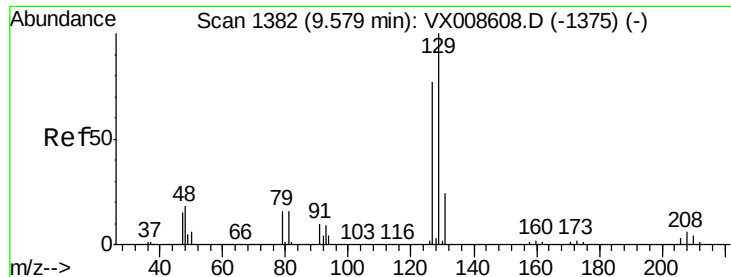
Tot Ion: 76 Resp: 185046
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4



#59
 2-Hexanone
 Concen: 265.028 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VX008750.D
 Acq: 08 Apr 2019 17:12

Tgt Ion: 43 Resp: 825752
 Ion Ratio Lower Upper
 43 100
 58 51.7 25.9 77.7





#60

Dibromochloromethane

Concen: 50.311 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

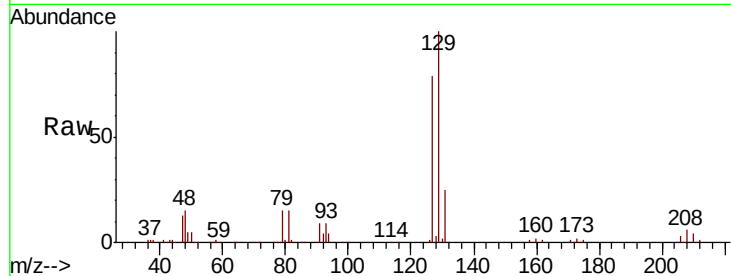
ST008MW214-190403MS

Tot Ion:129 Resp: 99555

Ion Ratio Lower Upper

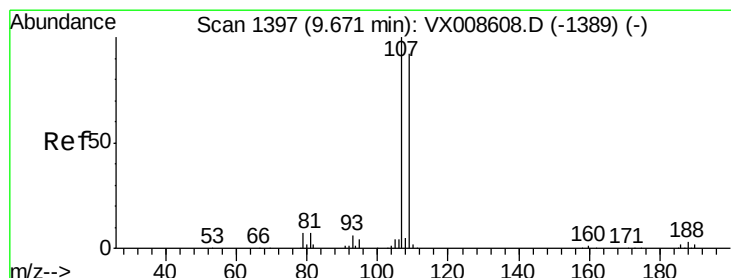
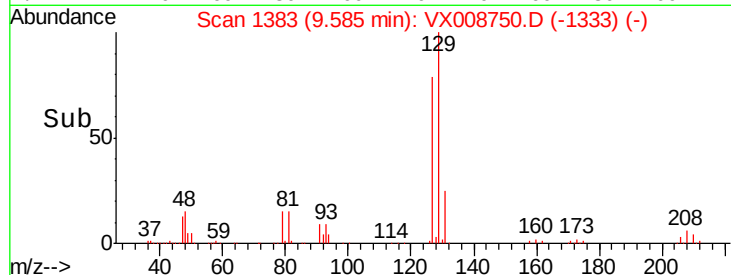
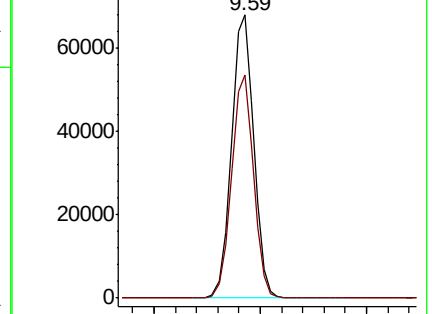
129 100

127 77.8 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.370 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008750.D

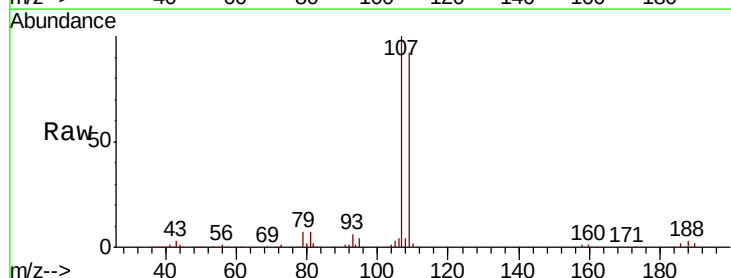
Acq: 08 Apr 2019 17:12

Tgt Ion:107 Resp: 107926

Ion Ratio Lower Upper

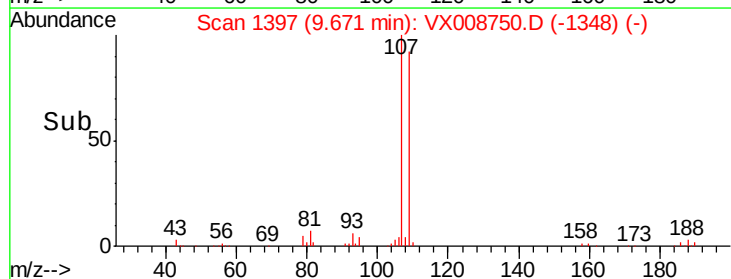
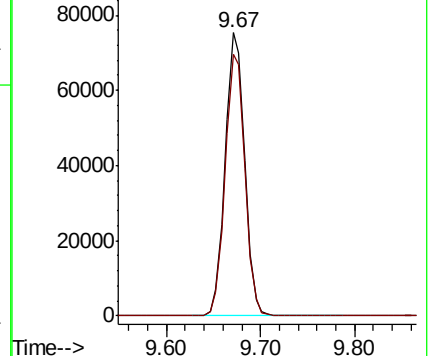
107 100

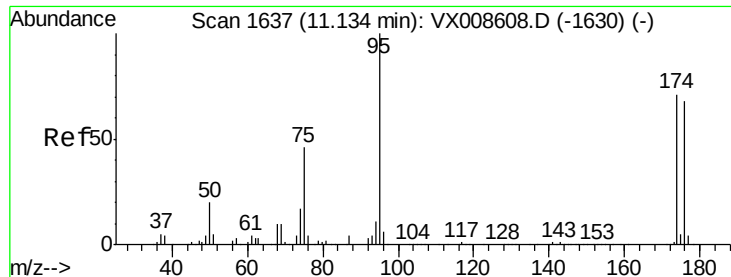
109 93.7 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 49.772 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MS

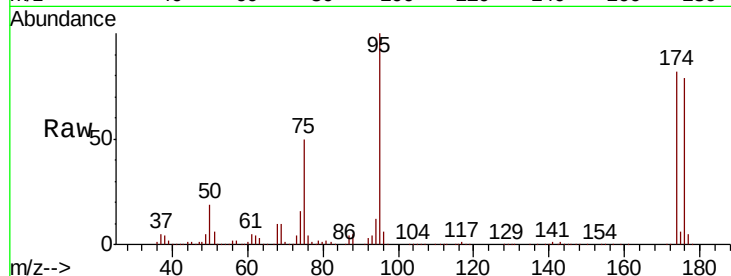
Tot Ion: 95 Resp: 122435

Ion Ratio Lower Upper

95 100

174 77.1 0.0 151.8

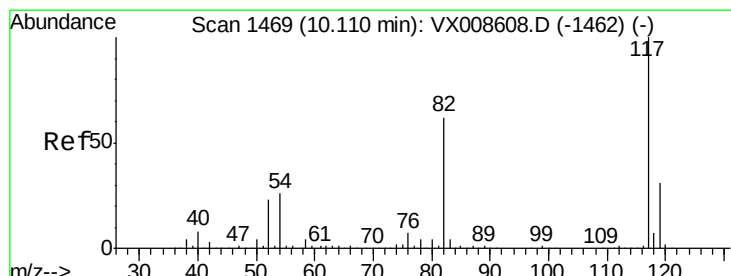
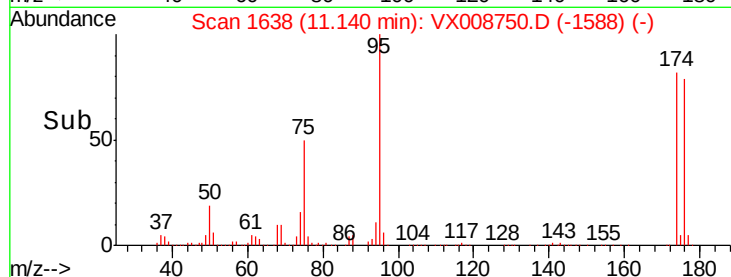
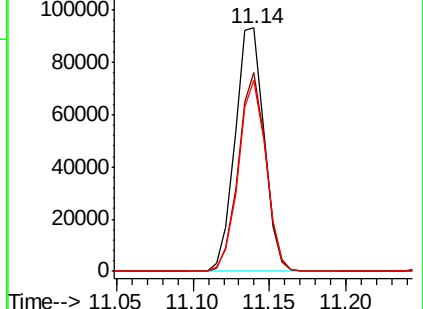
176 75.0 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008608.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008608.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008608.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

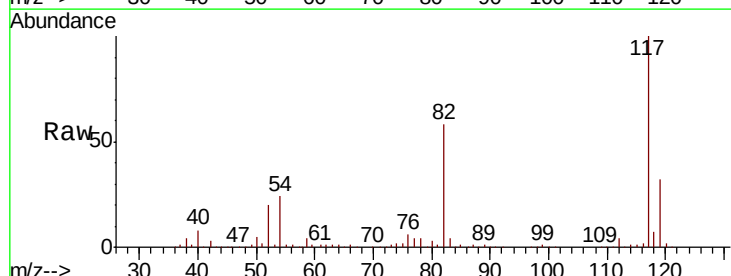
Tgt Ion: 117 Resp: 235507

Ion Ratio Lower Upper

117 100

82 58.2 49.6 74.4

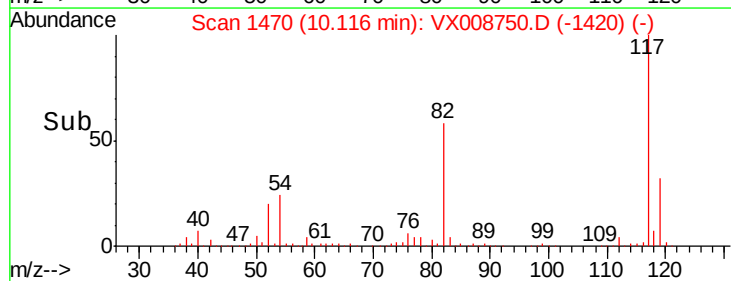
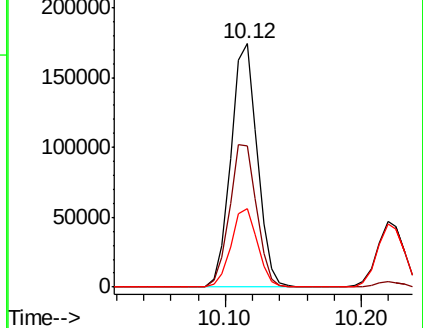
119 32.1 25.0 37.4

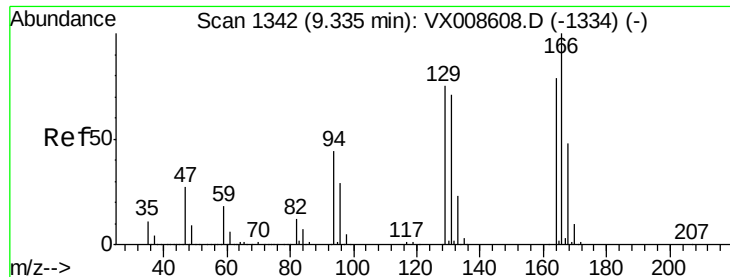


Abundance Ion 116.90 (116.60 to 117.60): VX008608.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008608.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008608.D (-1462) (-)





#64

Tetrachloroethene

Concen: 50.663 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MS

Tot Ion:164 Resp: 88400

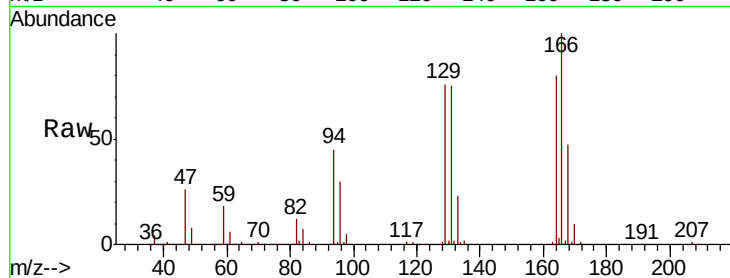
Ion Ratio Lower Upper

164 100

166 125.4 101.0 151.6

129 95.3 75.8 113.8

131 94.4 71.8 107.8

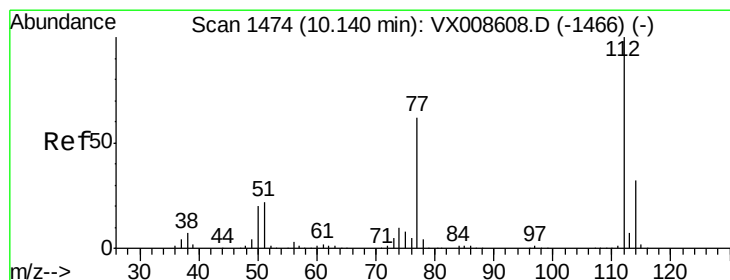
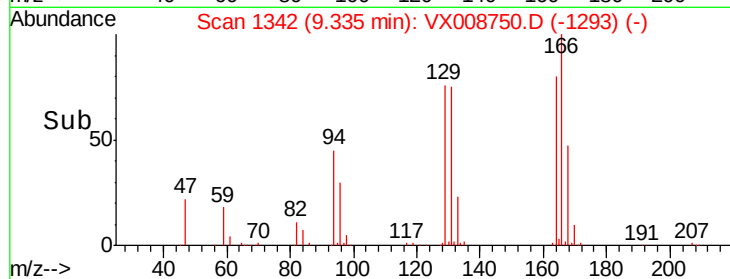
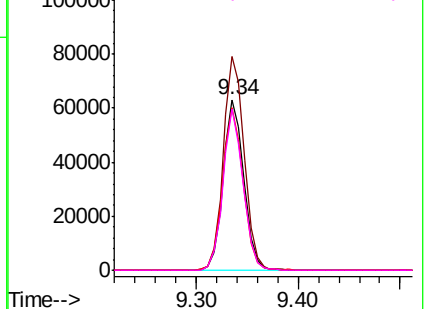


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 48.107 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008750.D

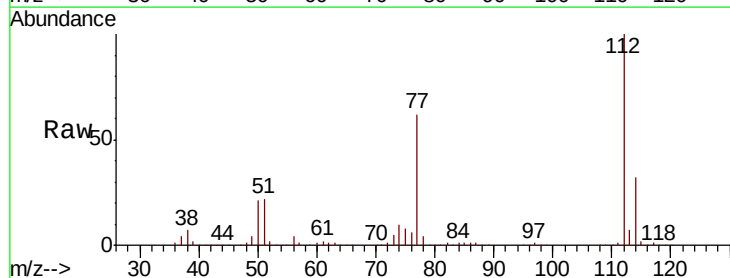
Acq: 08 Apr 2019 17:12

Tgt Ion:112 Resp: 251138

Ion Ratio Lower Upper

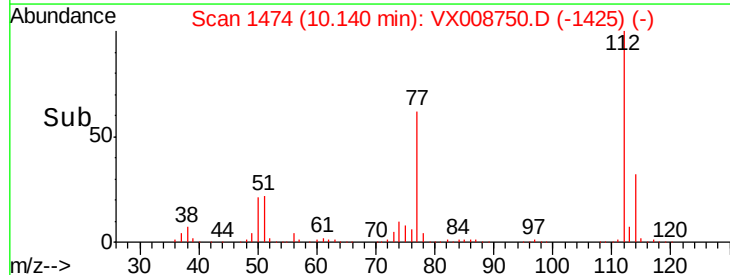
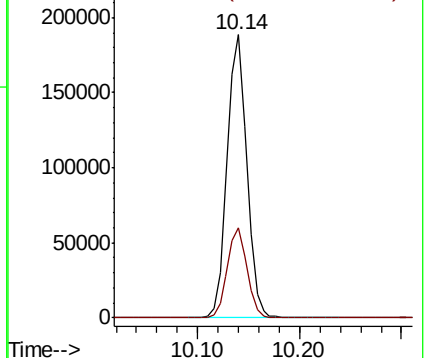
112 100

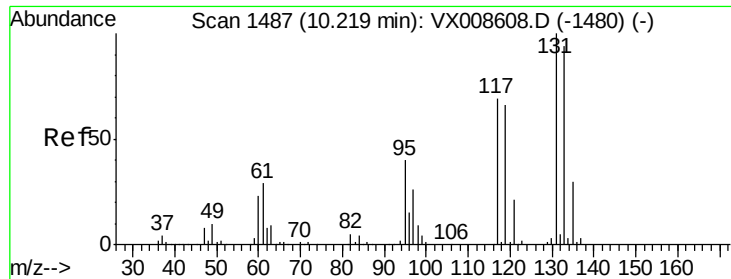
114 32.0 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

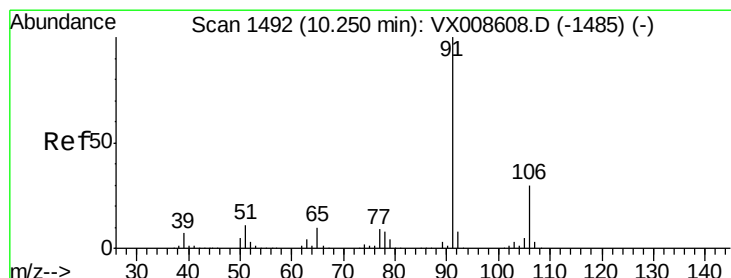
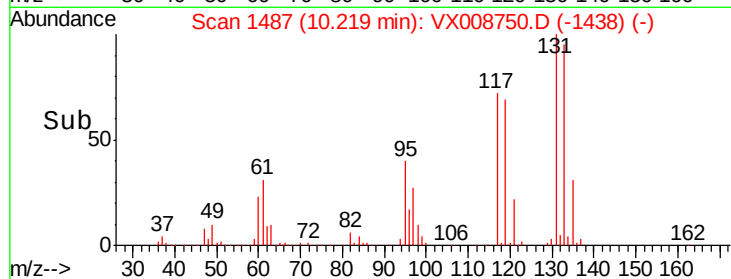
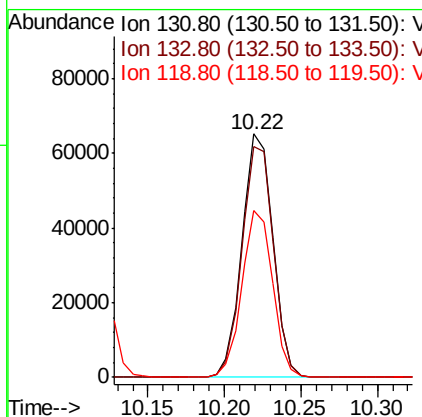
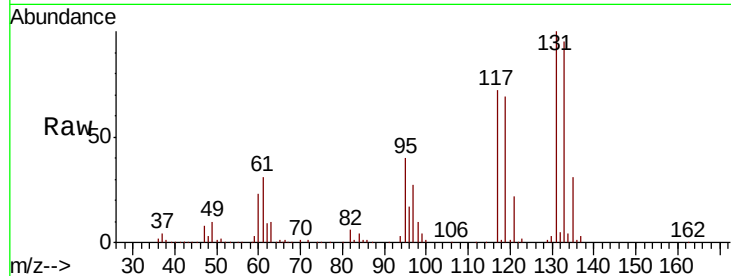




#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.148 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX008750.D
 Acq: 08 Apr 2019 17:12

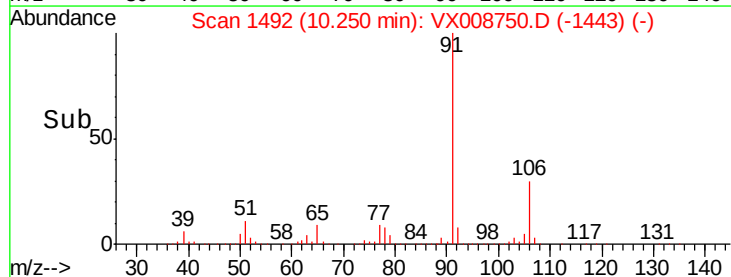
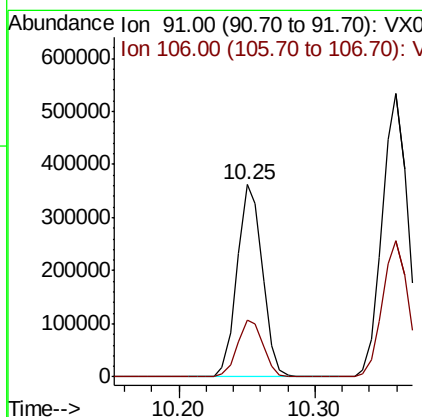
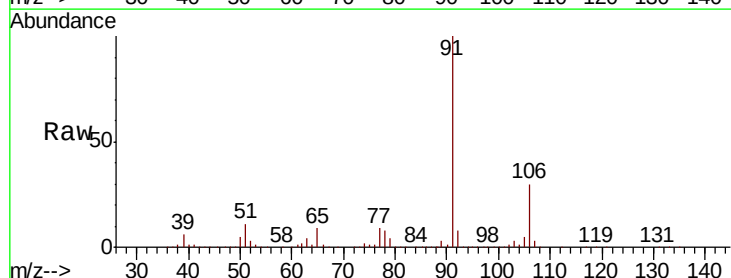
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MS

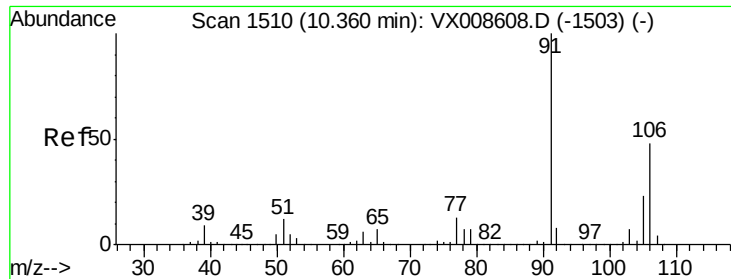
Tot Ion:131 Resp: 91842
 Ion Ratio Lower Upper
 131 100
 133 96.2 47.0 141.2
 119 67.7 33.7 101.0



#67
 Ethyl Benzene
 Concen: 48.129 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008750.D
 Acq: 08 Apr 2019 17:12

Tgt Ion: 91 Resp: 468506
 Ion Ratio Lower Upper
 91 100
 106 29.6 23.7 35.5





#68

m/p-Xylenes

Concen: 96.637 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

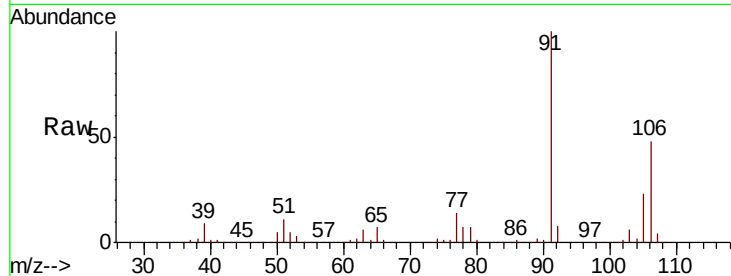
ST008MW214-190403MS

Tot Ion:106 Resp: 338234

Ion Ratio Lower Upper

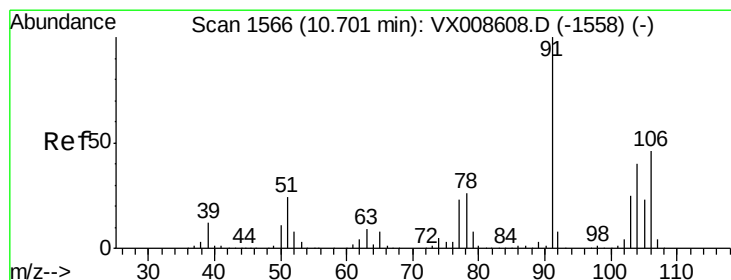
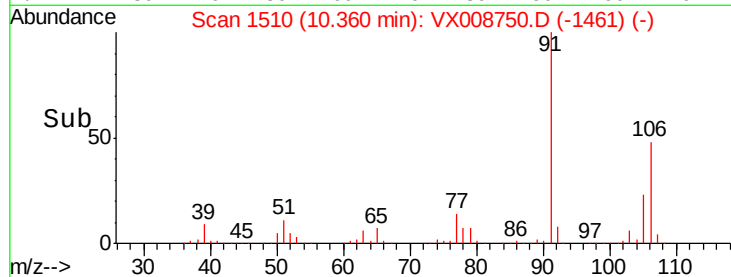
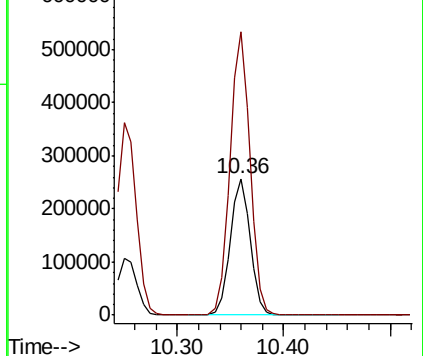
106 100

91 208.3 168.5 252.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 48.855 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX008750.D

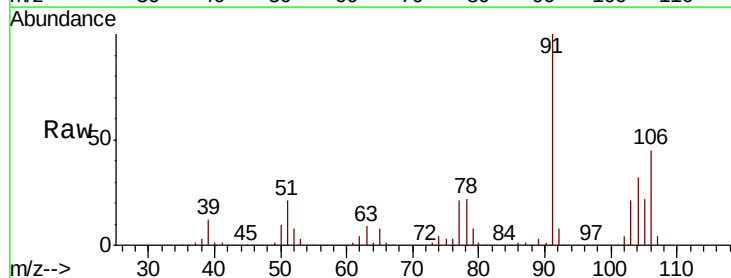
Acq: 08 Apr 2019 17:12

Tgt Ion:106 Resp: 165714

Ion Ratio Lower Upper

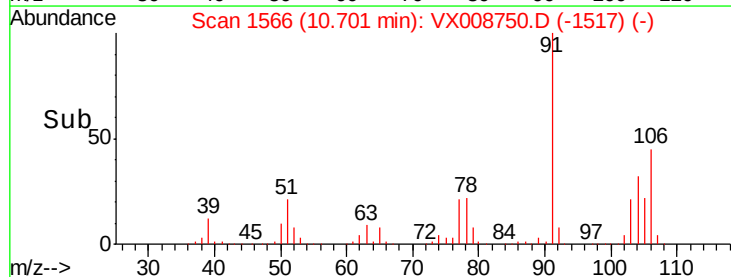
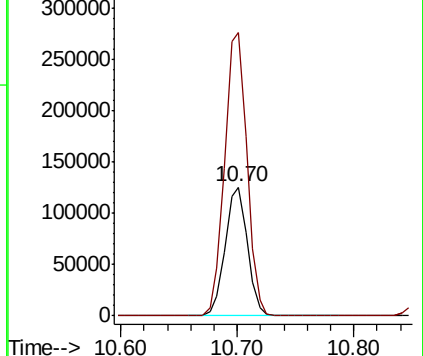
106 100

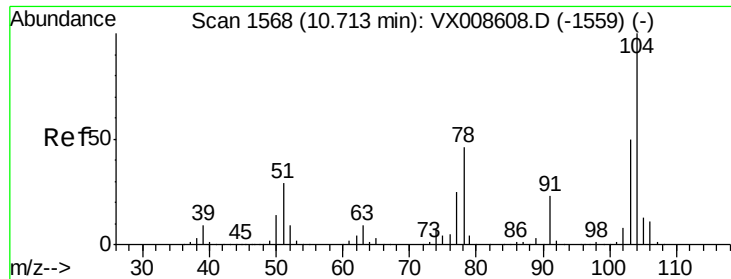
91 221.8 111.5 334.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

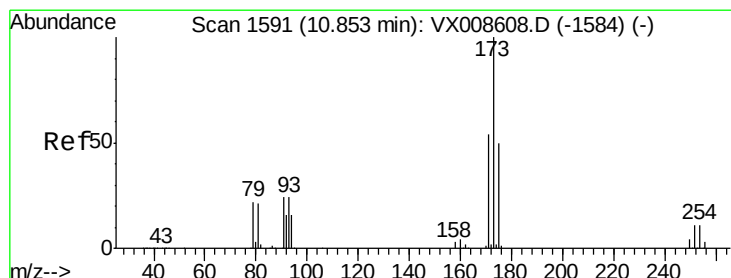
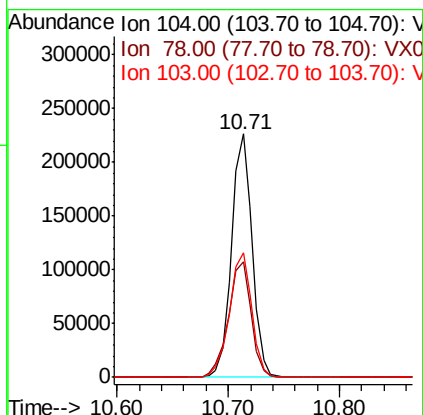
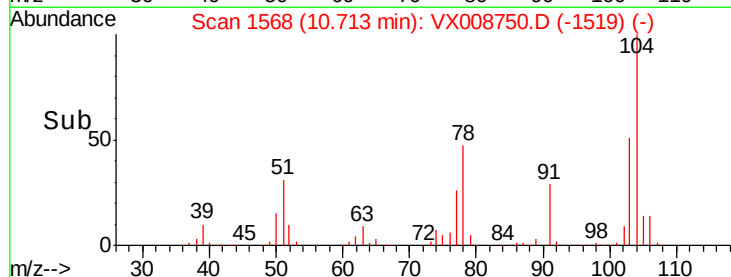
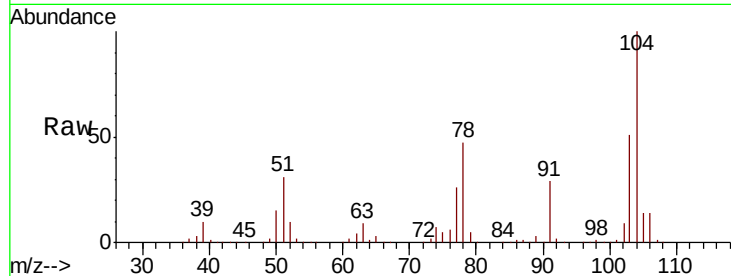




#70
Stvrene
Concen: 49.310 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008750.D
Acq: 08 Apr 2019 17:12

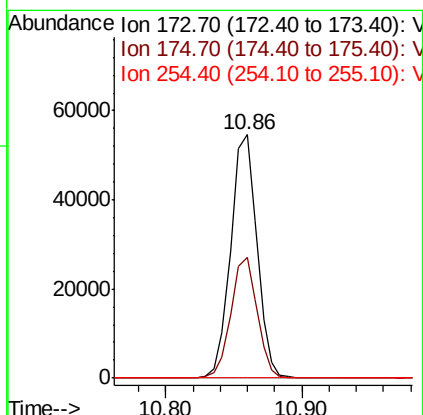
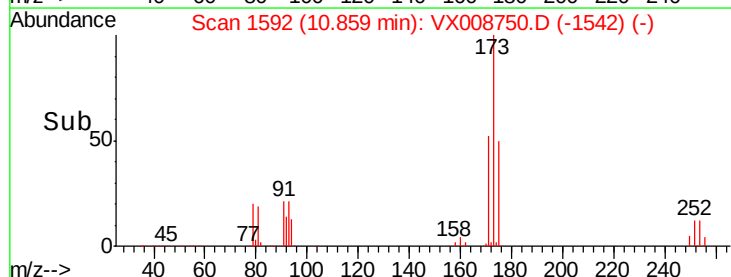
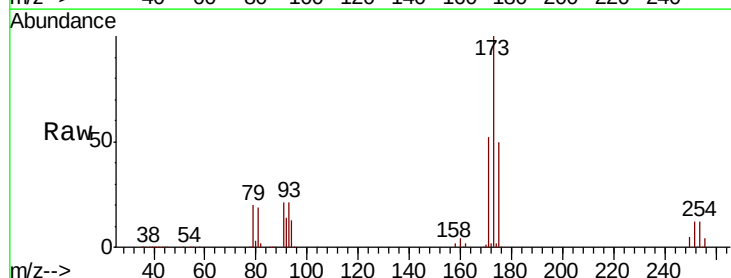
Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MS

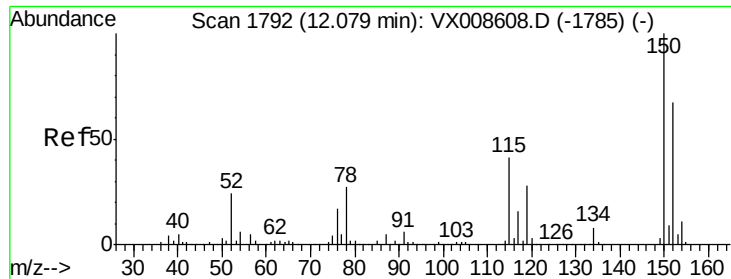
Tot Ion:104 Resp: 288310
Ion Ratio Lower Upper
104 100
78 52.8 42.3 63.5
103 55.6 44.4 66.6



#71
Bromoform
Concen: 52.426 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VX008750.D
Acq: 08 Apr 2019 17:12

Tgt Ion:173 Resp: 73331
Ion Ratio Lower Upper
173 100
175 49.6 24.9 74.6
254 0.1 0.1 0.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MS

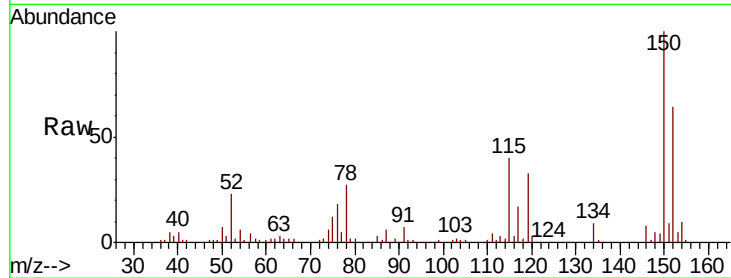
Tot Ion:152 Resp: 109893

Ion Ratio Lower Upper

152 100

115 83.6 43.5 130.5

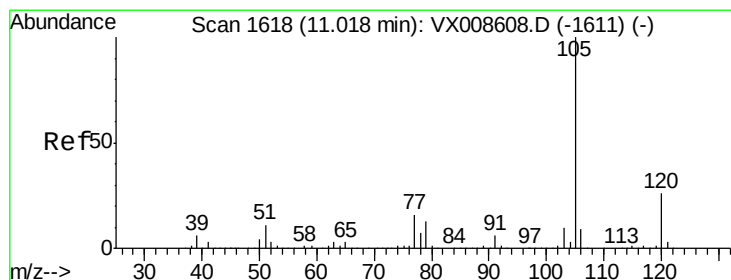
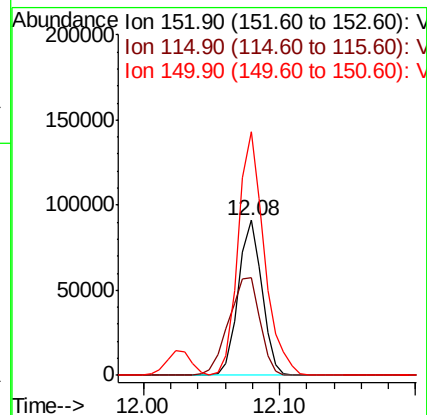
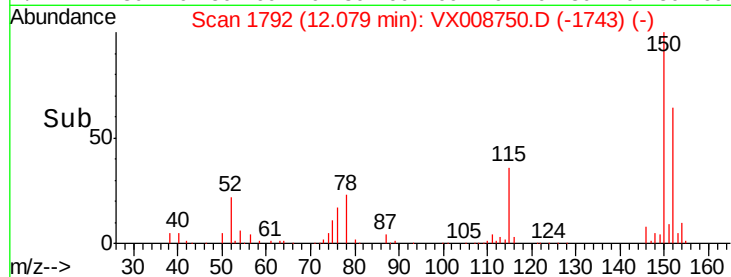
150 173.7 0.0 348.8



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: 48.070 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008750.D

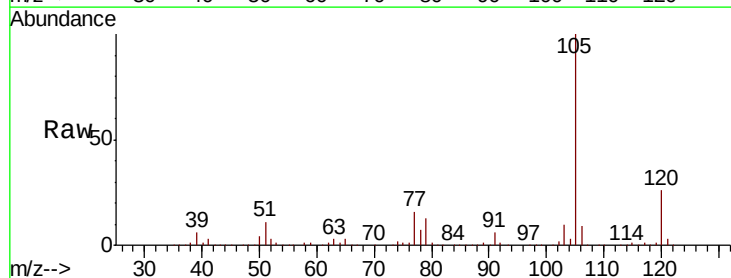
Acq: 08 Apr 2019 17:12

Tgt Ion:105 Resp: 437785

Ion Ratio Lower Upper

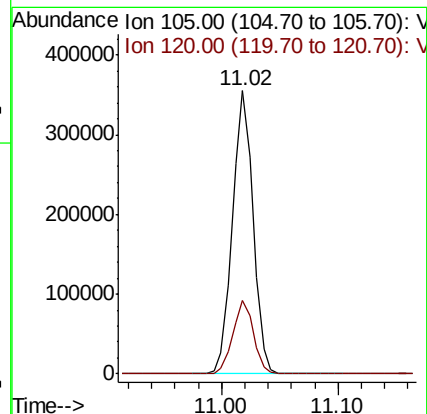
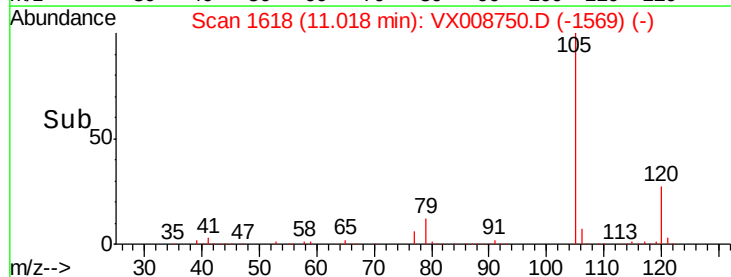
105 100

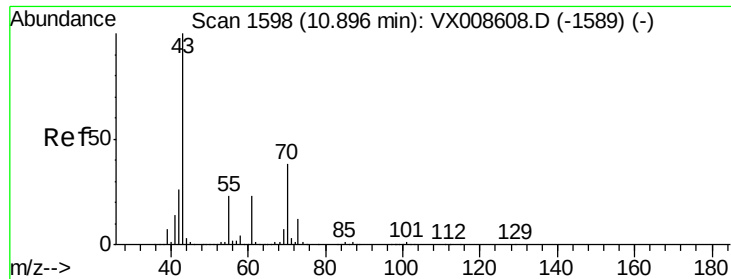
120 25.7 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

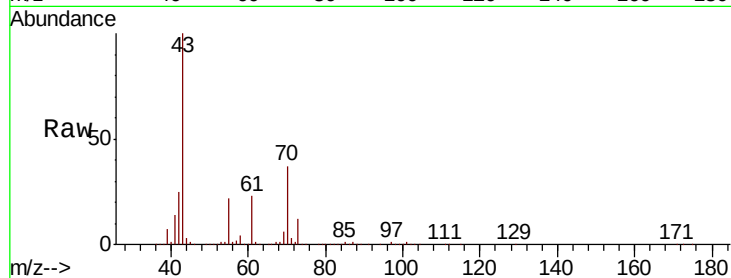




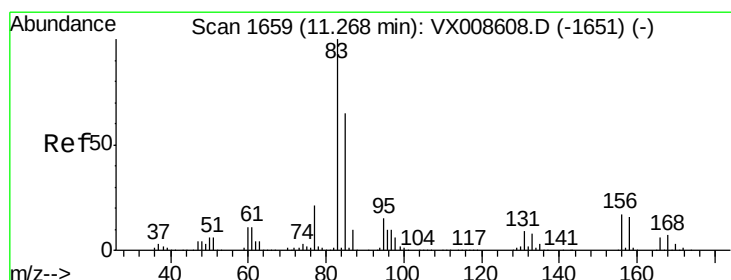
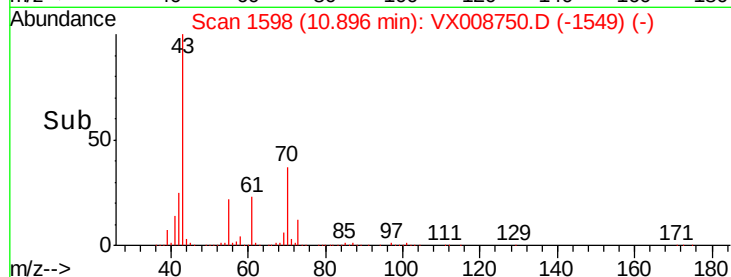
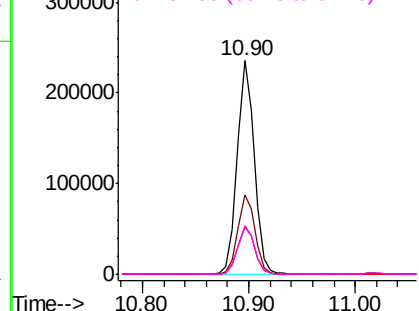
#74
N-amvl acetate
Concen: 49.726 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008750.D
Acq: 08 Apr 2019 17:12

Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MS

Tot Ion: 43 Resp: 266437
Ion Ratio Lower Upper
43 100
70 37.8 30.2 45.4
55 22.7 18.2 27.4
61 22.6 18.6 28.0

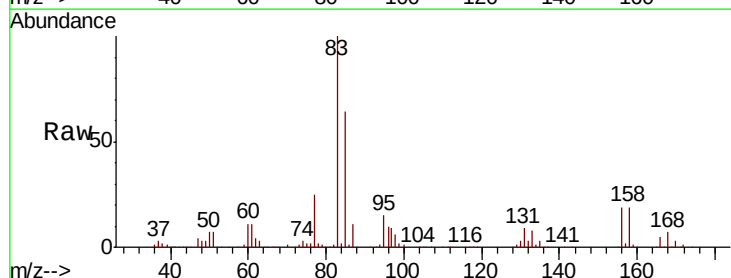


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0

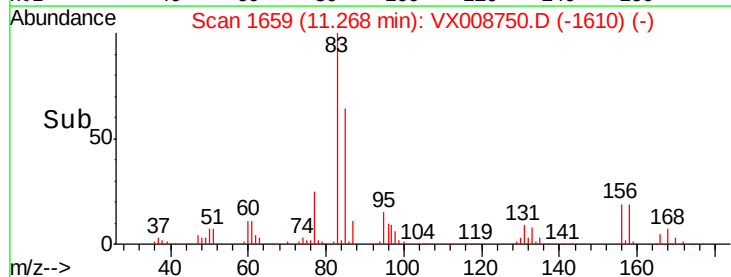
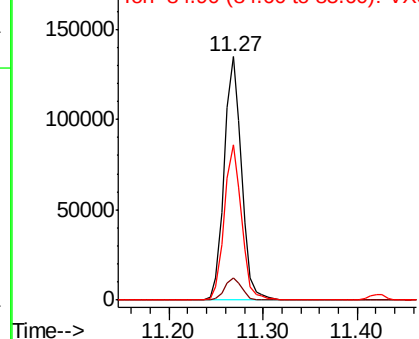


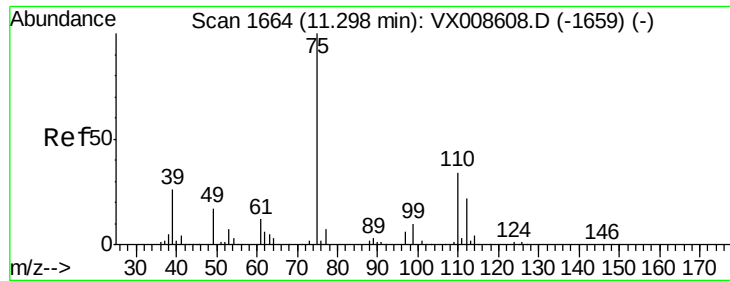
#75
1,1,2,2-Tetrachloroethane
Concen: 49.659 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX008750.D
Acq: 08 Apr 2019 17:12

Tgt Ion: 83 Resp: 171997
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.7
85 63.6 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0

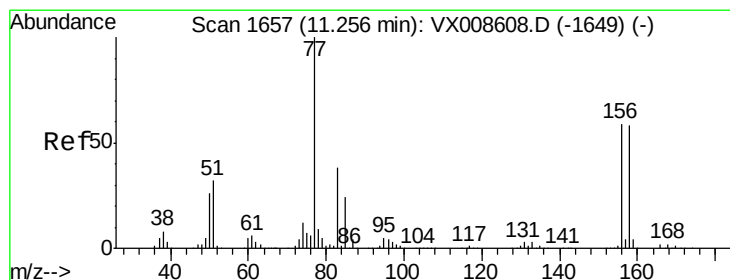
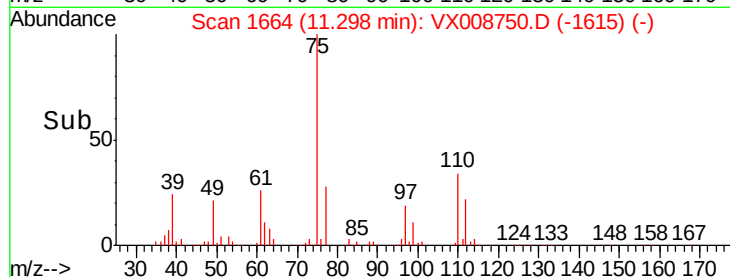
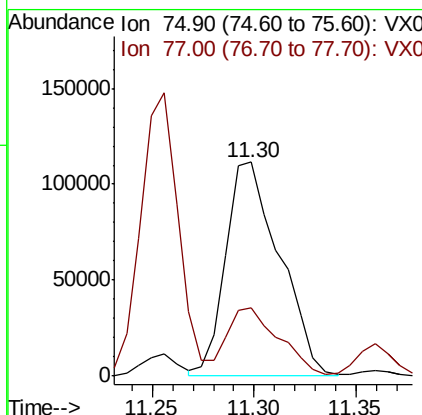
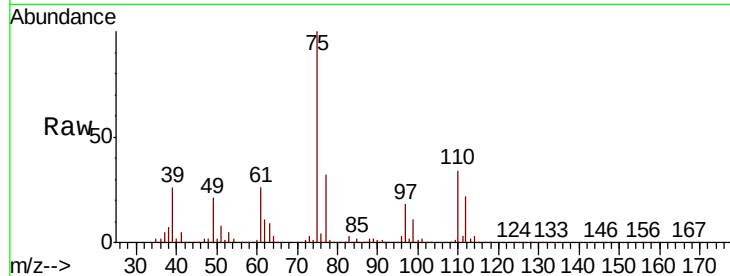




#76
 1,2,3-Trichloropropane
 Concen: 67.709 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX008750.D
 Acq: 08 Apr 2019 17:12

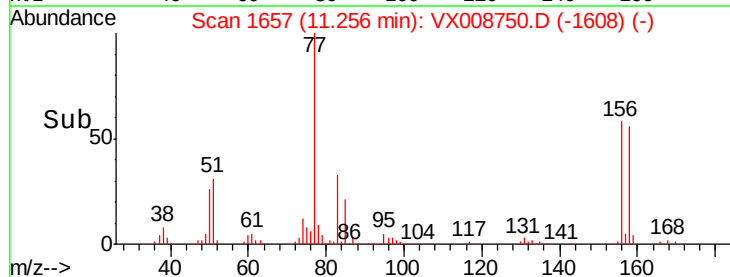
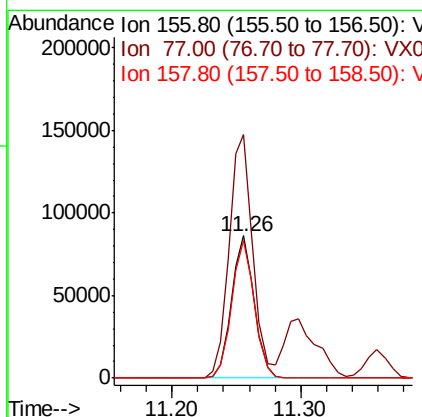
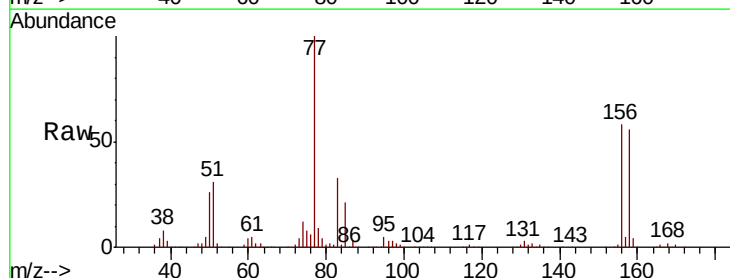
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MS

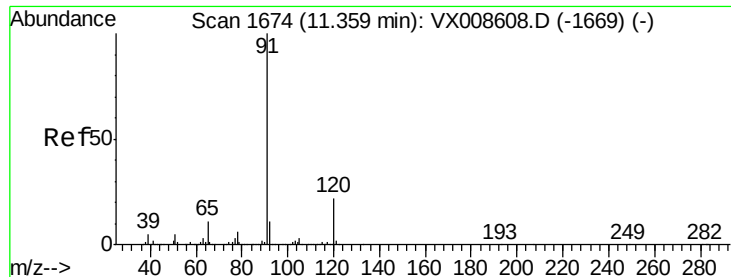
Tot Ion: 75 Resp: 204405
 Ion Ratio Lower Upper
 75 100
 77 30.2 22.3 66.8



#77
 Bromobenzene
 Concen: 48.383 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX008750.D
 Acq: 08 Apr 2019 17:12

Tgt Ion: 156 Resp: 105928
 Ion Ratio Lower Upper
 156 100
 77 180.0 89.8 269.6
 158 96.8 48.6 145.9





#78

n-propylbenzene

Concen: 47.455 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

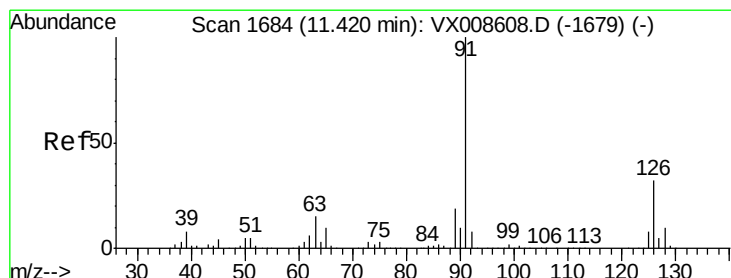
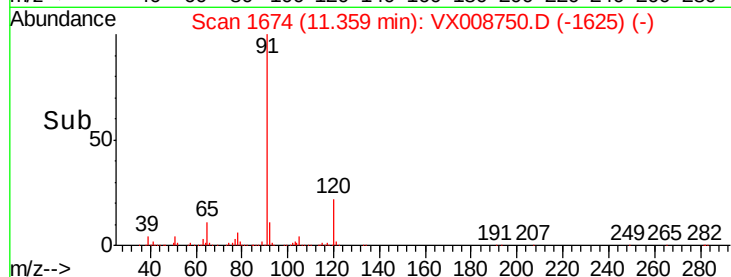
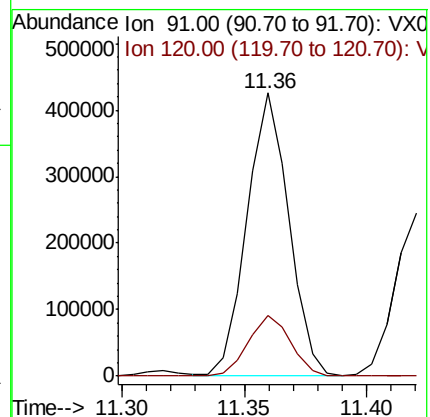
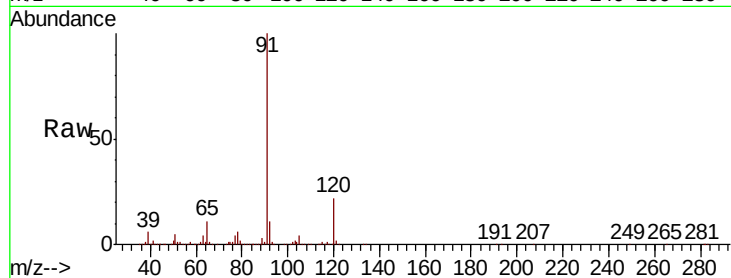
ST008MW214-190403MS

Tot Ion: 91 Resp: 503215

Ion Ratio Lower Upper

91 100

120 22.0 10.9 32.7



#79

2-Chlorotoluene

Concen: 46.984 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008750.D

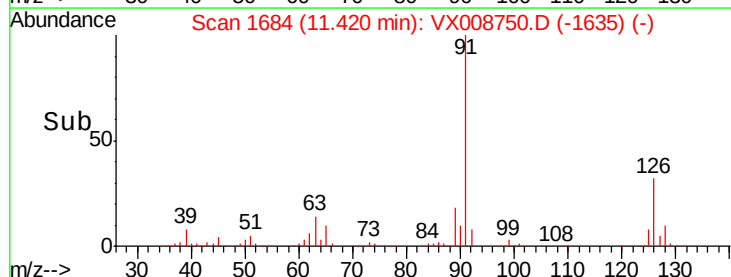
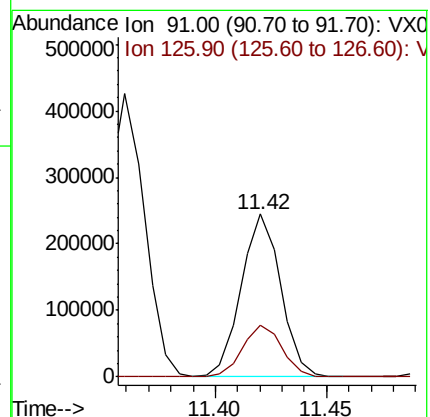
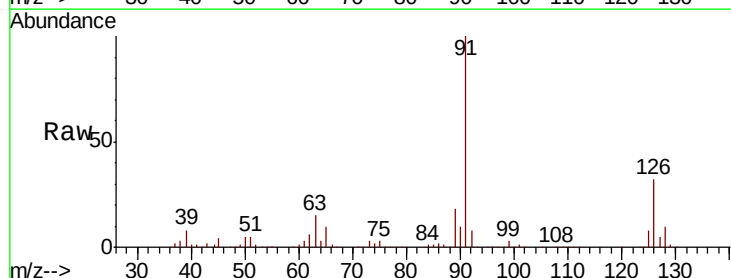
Acq: 08 Apr 2019 17:12

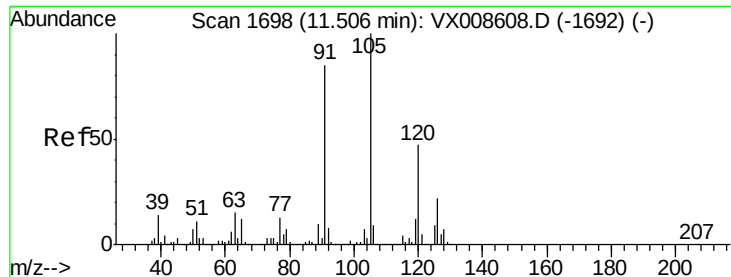
Tgt Ion: 91 Resp: 301505

Ion Ratio Lower Upper

91 100

126 32.3 16.1 48.3

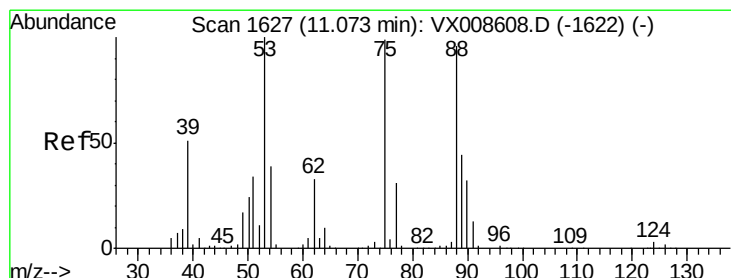
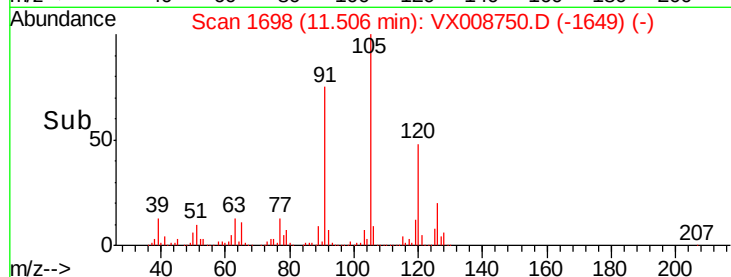
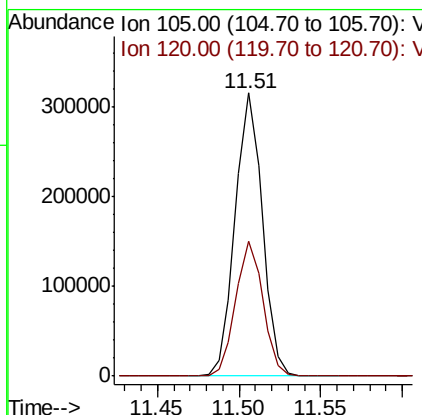
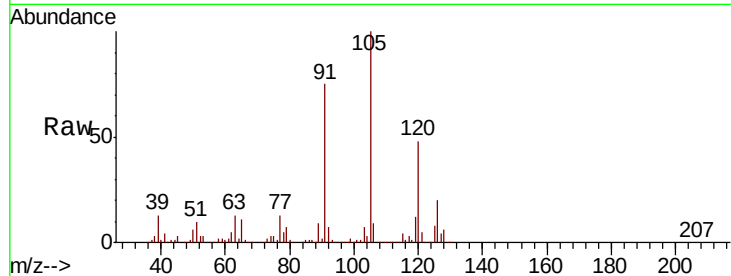




#80
 1,3,5-Trimethylbenzene
 Concen: 48.135 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008750.D
 Acq: 08 Apr 2019 17:12

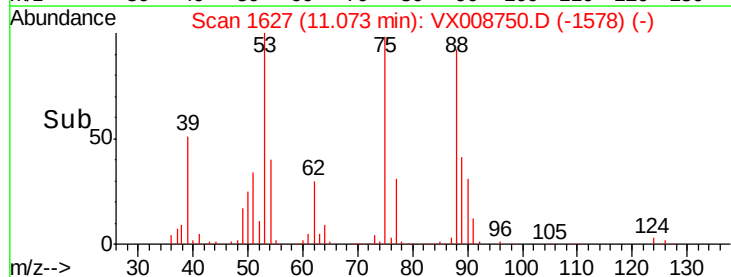
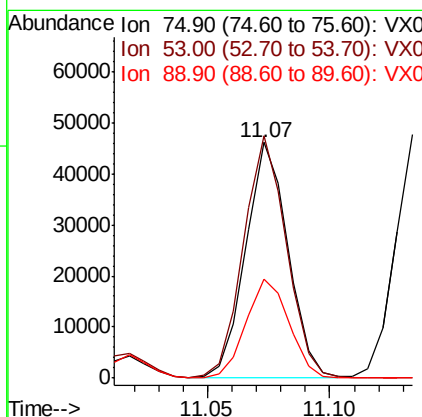
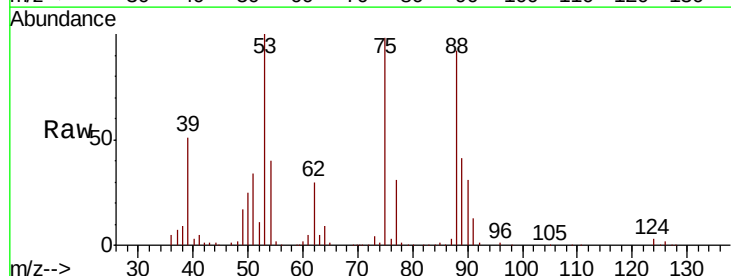
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MS

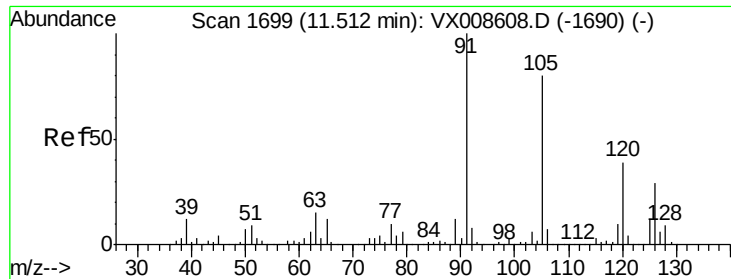
Tot Ion:105 Resp: 367981
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.5 70.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.498 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX008750.D
 Acq: 08 Apr 2019 17:12

Tgt Ion: 75 Resp: 55303
 Ion Ratio Lower Upper
 75 100
 53 104.0 81.3 121.9
 89 43.1 35.6 53.4

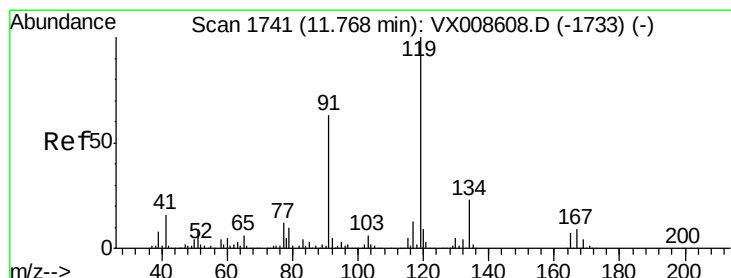
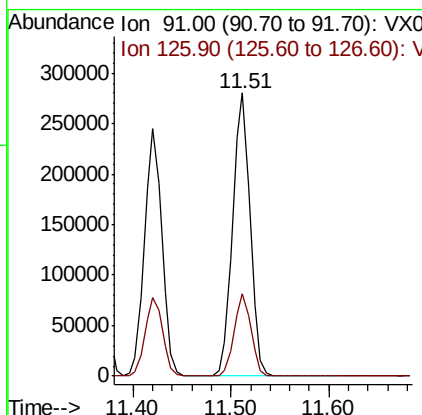
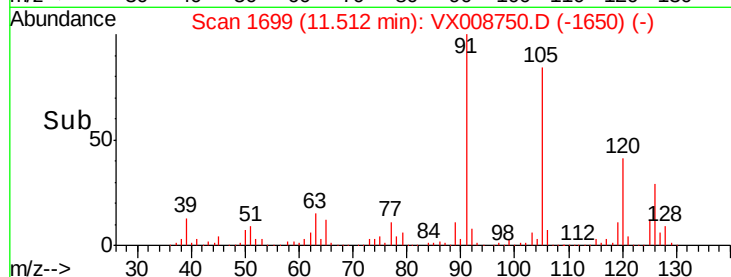
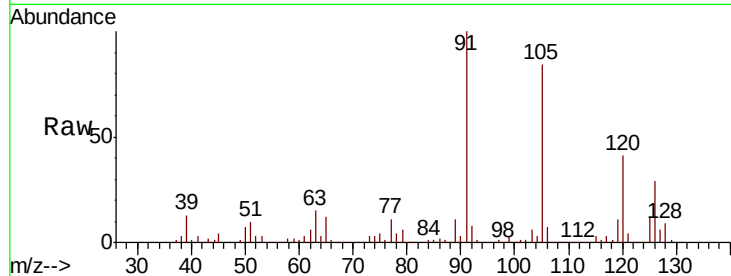




#82
4-Chlorotoluene
Concen: 46.740 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008750.D
Acq: 08 Apr 2019 17:12

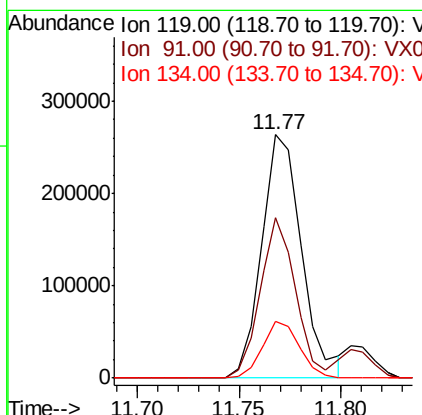
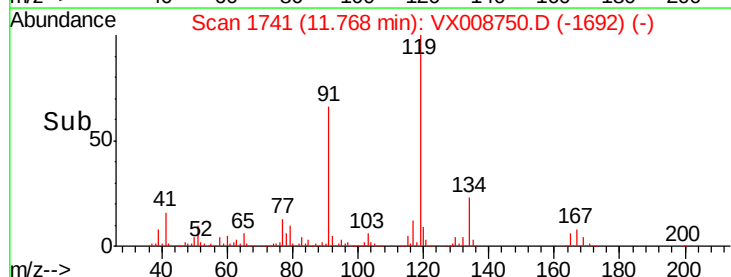
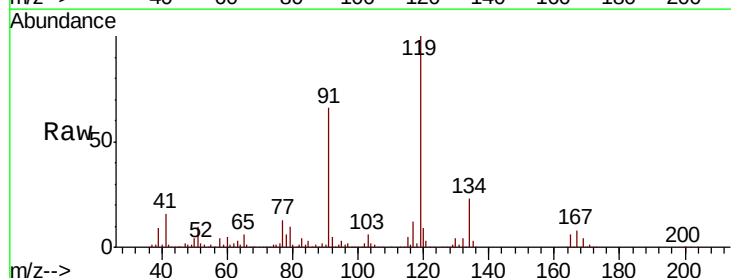
Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MS

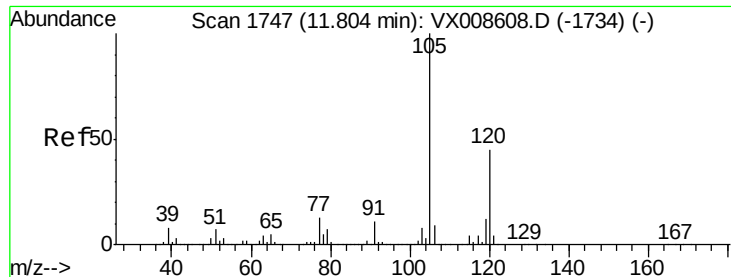
Tot Ion: 91 Resp: 347186
Ion Ratio Lower Upper
91 100
126 28.4 13.9 41.6



#83
tert-Butylbenzene
Concen: 49.010 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008750.D
Acq: 08 Apr 2019 17:12

Tgt Ion: 119 Resp: 360458
Ion Ratio Lower Upper
119 100
91 58.2 30.0 90.1
134 21.8 11.1 33.3

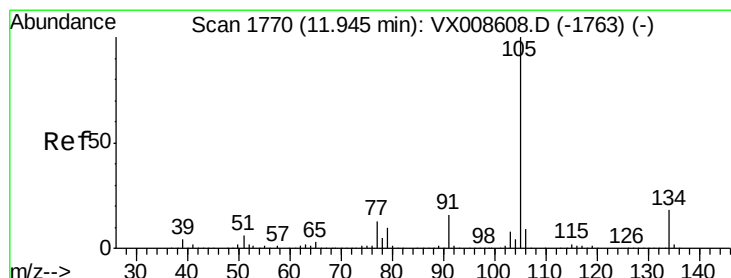
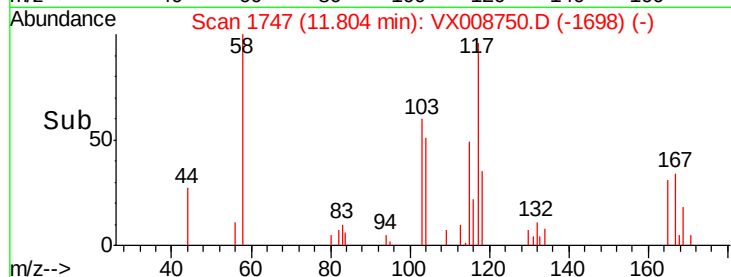
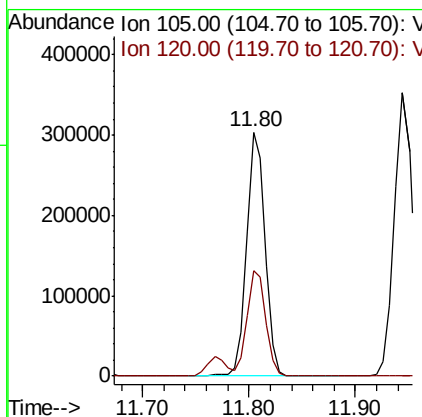
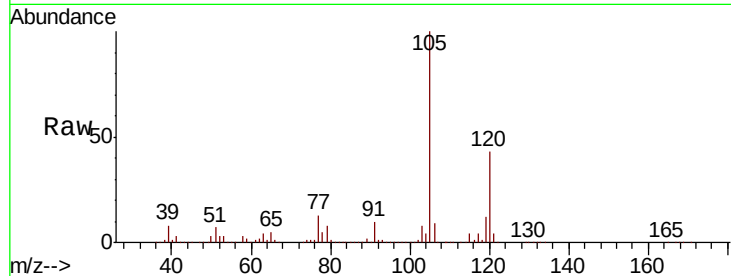




#84
 1,2,4-Trimethylbenzene
 Concen: 47.726 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008750.D
 Acq: 08 Apr 2019 17:12

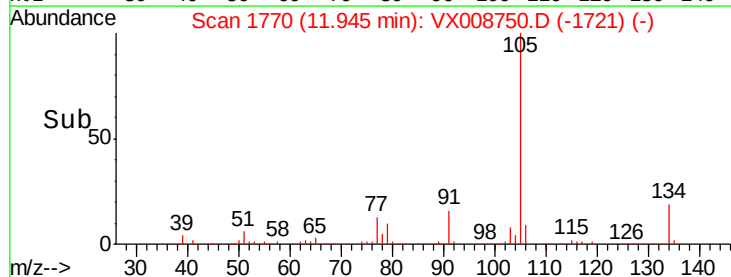
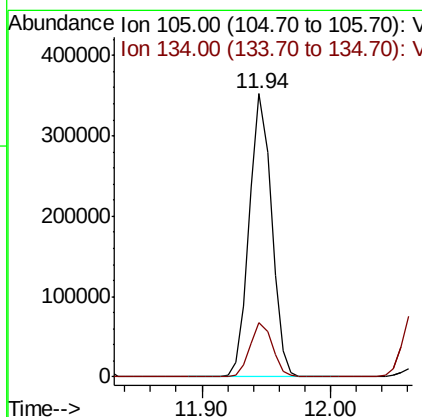
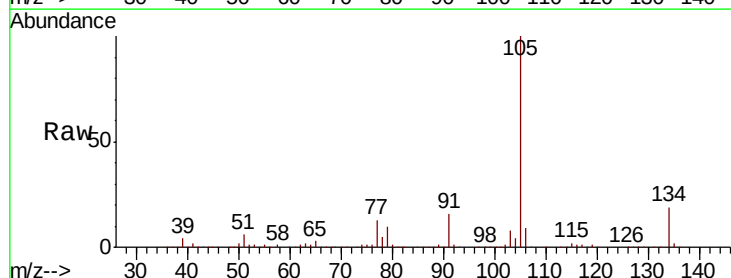
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MS

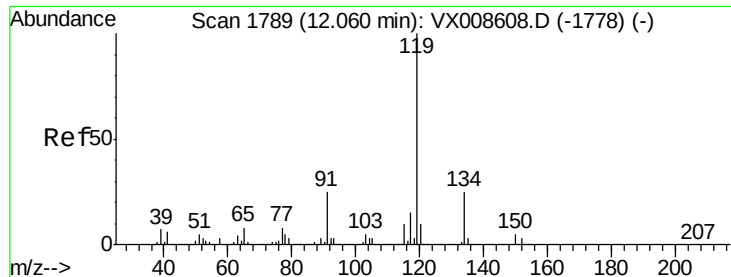
Tot Ion:105 Resp: 369437
 Ion Ratio Lower Upper
 105 100
 120 43.6 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 47.878 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008750.D
 Acq: 08 Apr 2019 17:12

Tgt Ion:105 Resp: 418273
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.4 28.2

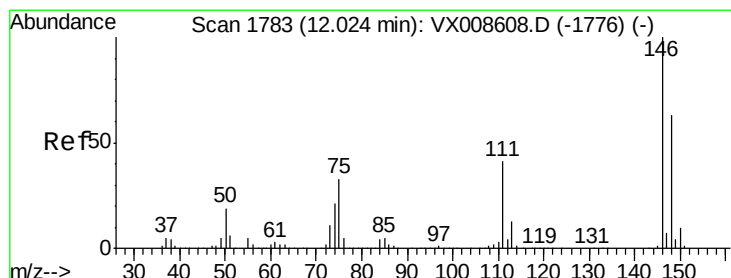
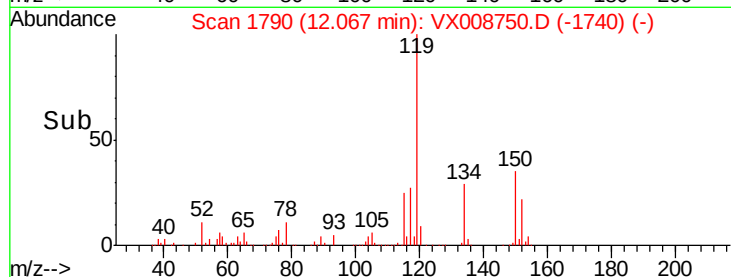
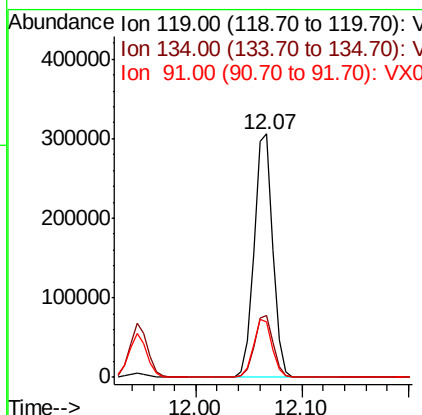
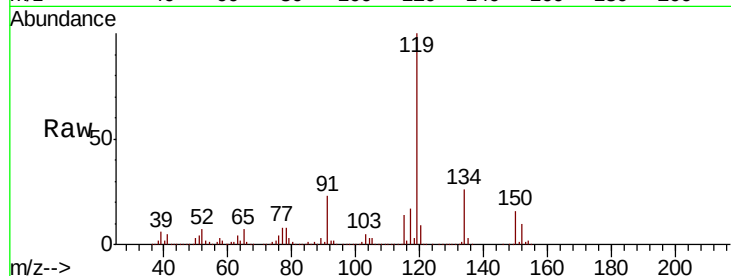




#86
 p-Isopropyltoluene
 Concen: 48.009 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX008750.D
 Acq: 08 Apr 2019 17:12

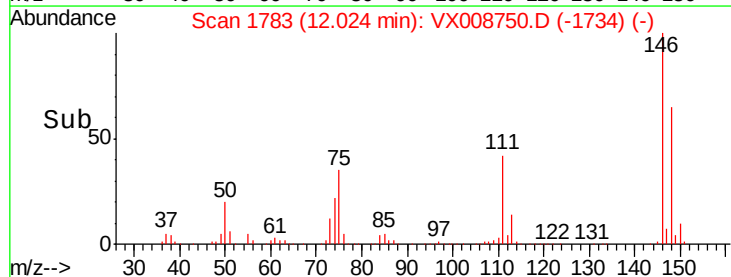
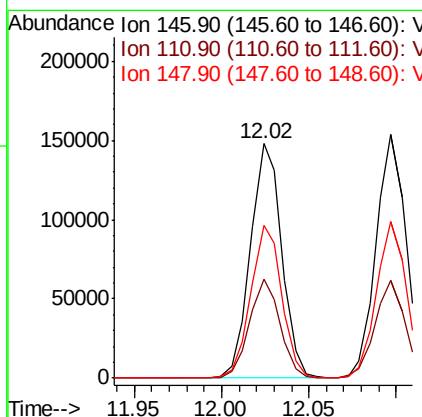
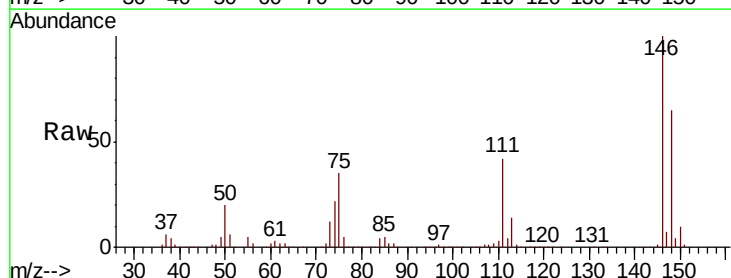
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MS

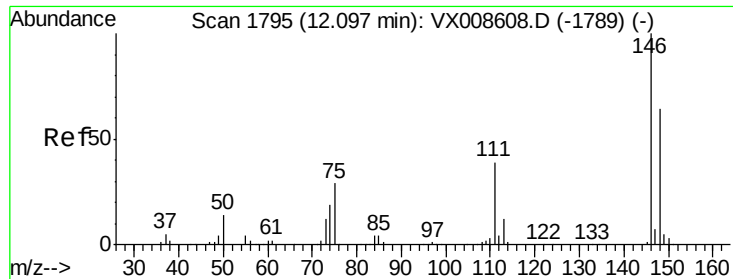
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.4	12.8	38.4
91	23.8	12.2	36.6



#87
 1,3-Dichlorobenzene
 Concen: 46.908 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008750.D
 Acq: 08 Apr 2019 17:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.5	61.5
148	64.5	31.6	94.7

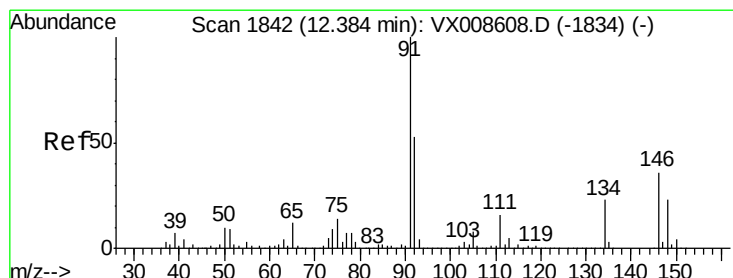
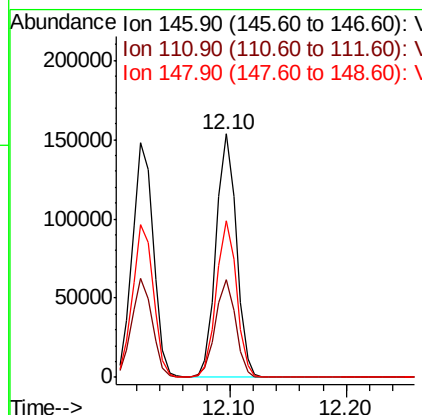
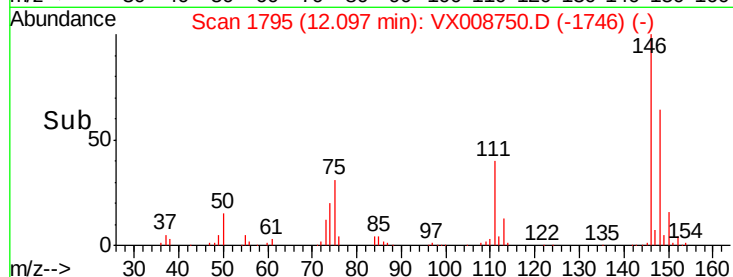
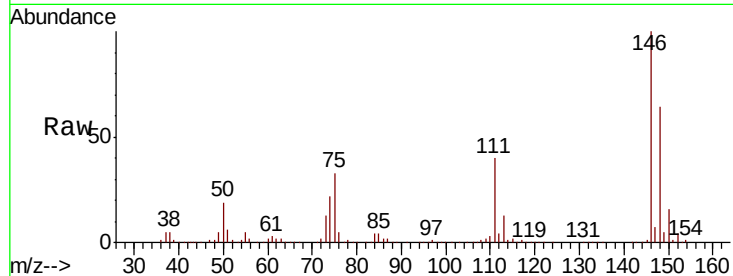




#88
 1,4-Dichlorobenzene
 Concen: 46.349 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008750.D
 Acq: 08 Apr 2019 17:12

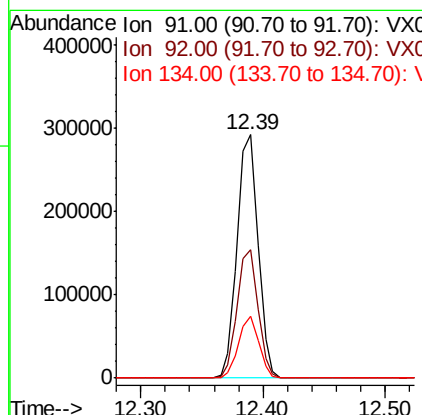
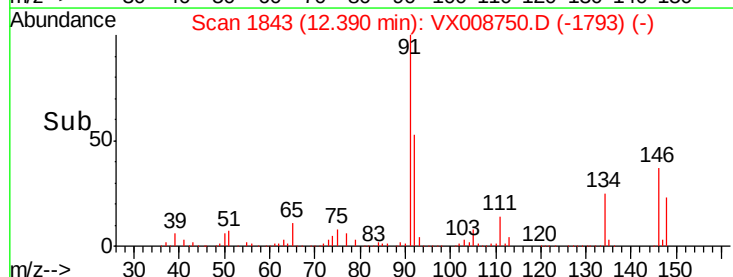
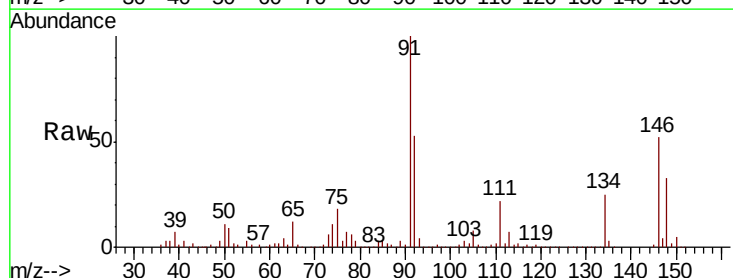
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MS

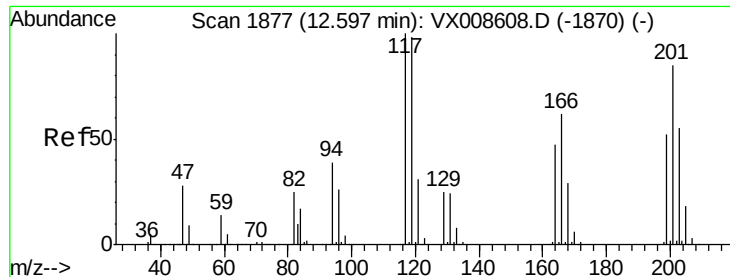
Tot Ion:146 Resp: 183953
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.2 60.6
 148 64.2 32.0 96.0



#89
 n-Butylbenzene
 Concen: 46.975 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: VX008750.D
 Acq: 08 Apr 2019 17:12

Tgt Ion: 91 Resp: 345428
 Ion Ratio Lower Upper
 91 100
 92 52.7 26.4 79.2
 134 24.3 12.0 36.0





#90

Hexachloroethane

Concen: 48.697 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

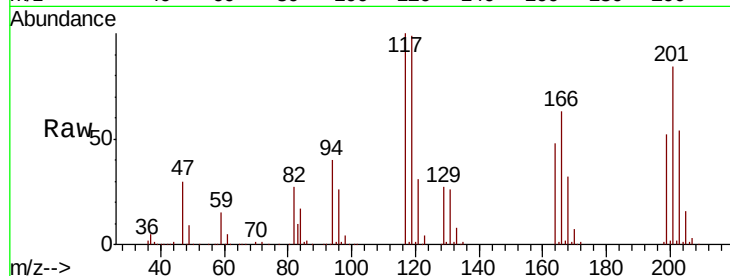
ST008MW214-190403MS

Tot Ion:117 Resp: 63331

Ion Ratio Lower Upper

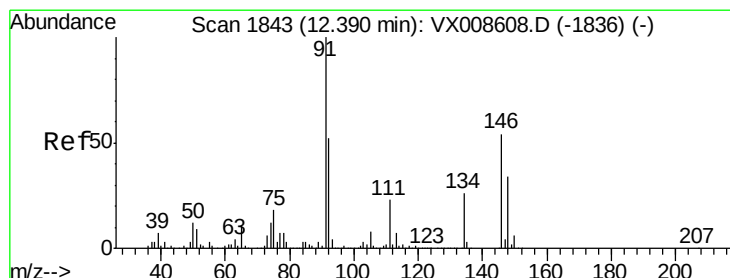
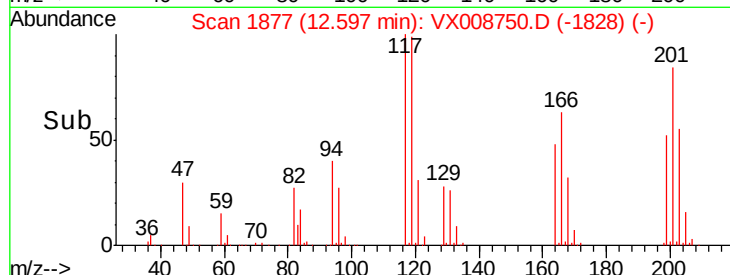
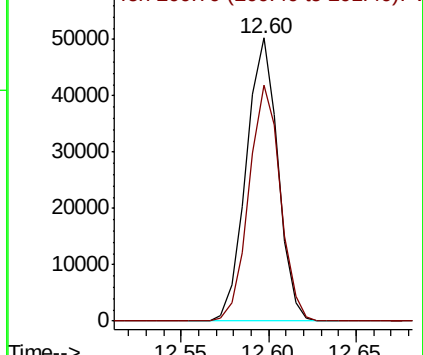
117 100

201 82.6 40.6 122.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 47.908 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

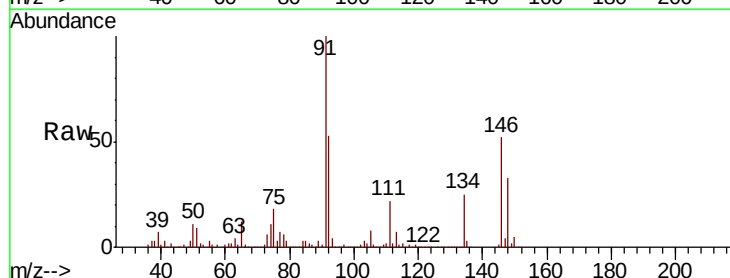
Tgt Ion:146 Resp: 186438

Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.9

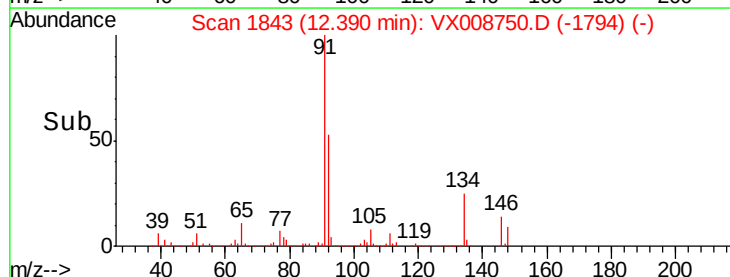
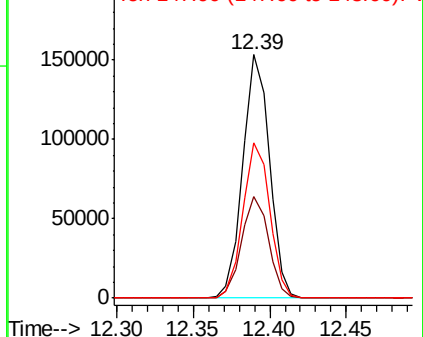
148 64.3 31.7 95.1

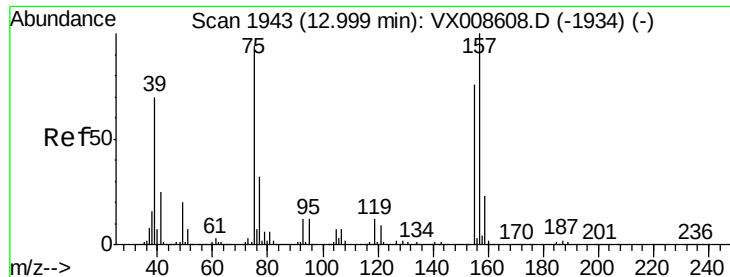


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 53.013 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MS

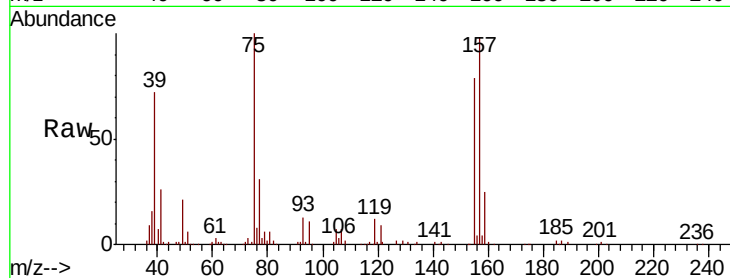
Tot Ion: 75 Resp: 40392

Ion Ratio Lower Upper

75 100

155 81.0 39.9 119.6

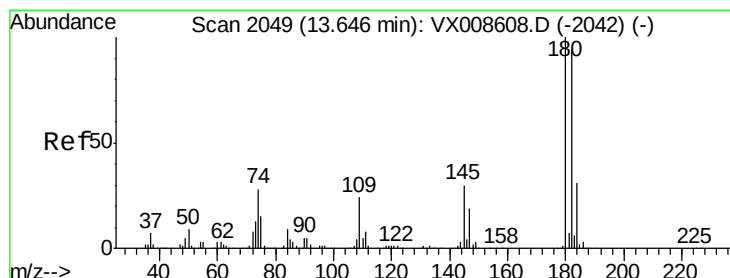
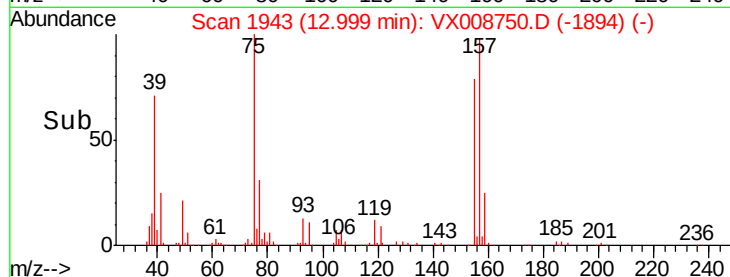
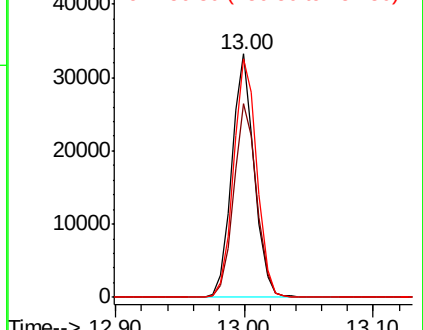
157 101.3 51.5 154.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 47.659 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

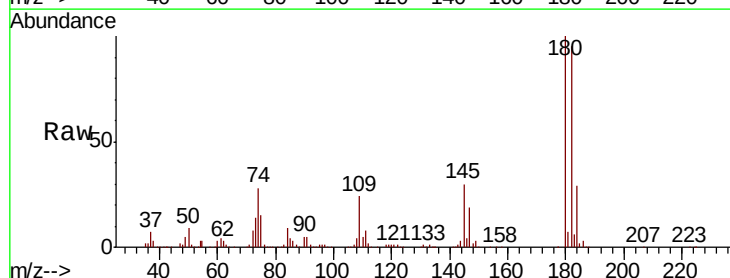
Tgt Ion:180 Resp: 128953

Ion Ratio Lower Upper

180 100

182 95.3 47.2 141.6

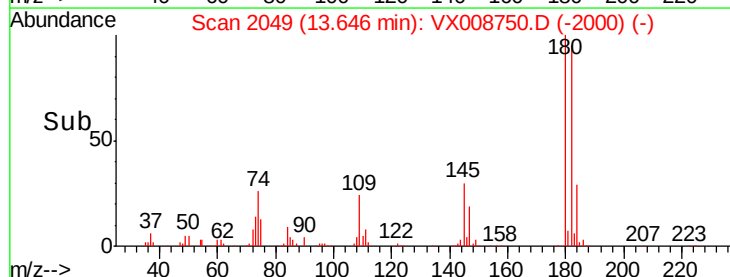
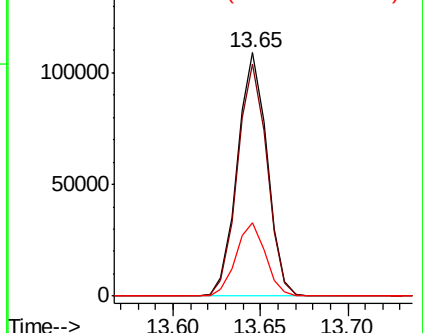
145 29.8 15.3 45.9

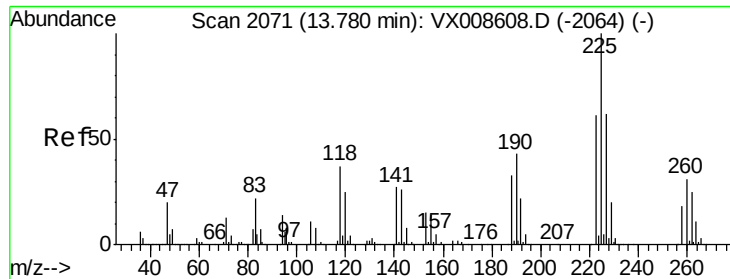


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 46.747 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MS

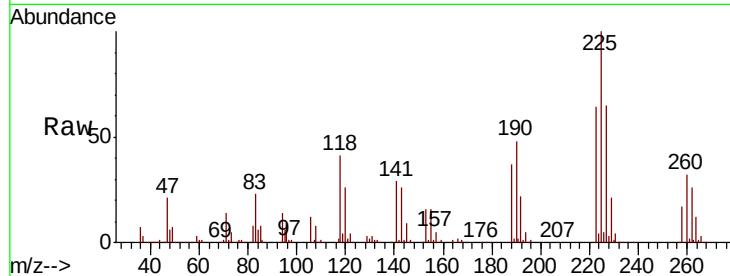
Tot Ion:225 Resp: 60661

Ion Ratio Lower Upper

225 100

223 63.6 31.2 93.6

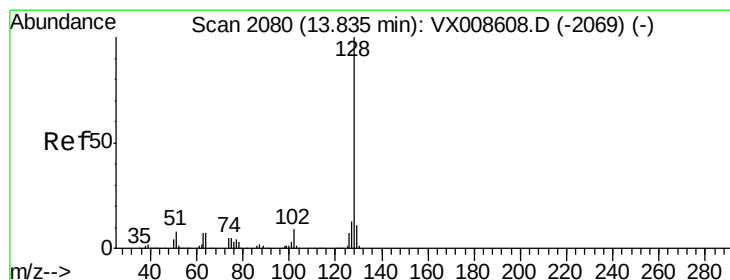
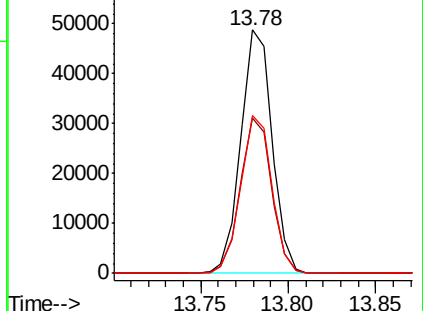
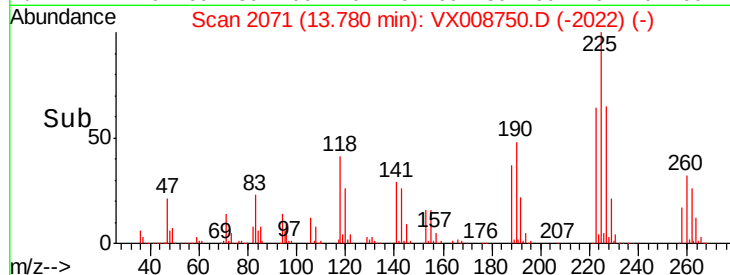
227 64.7 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 50.802 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

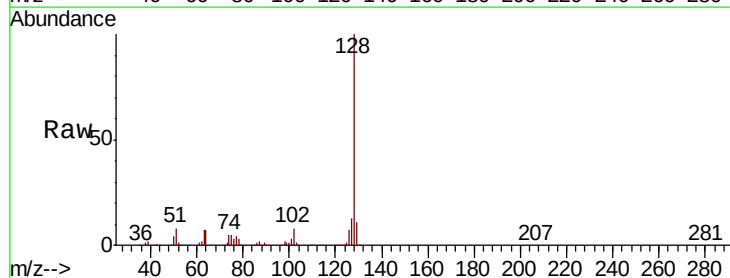
Tgt Ion:128 Resp: 459418

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

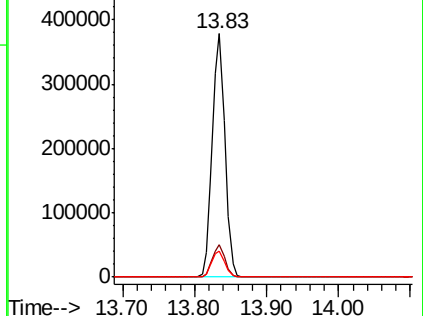
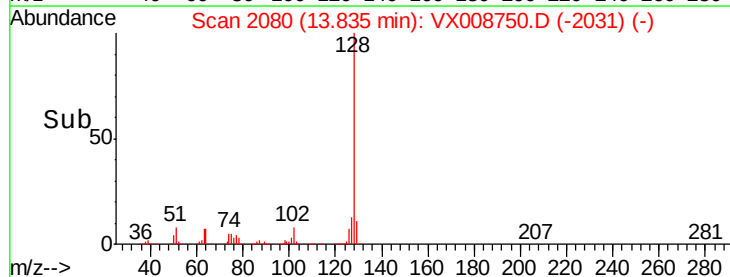
129 10.9 8.6 13.0

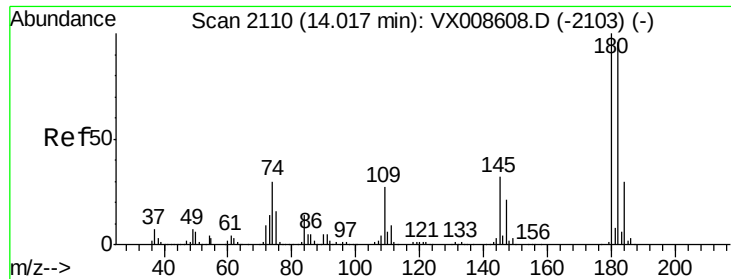


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

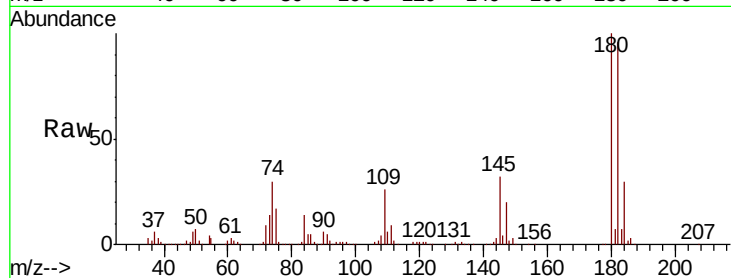




#96
 1,2,3-Trichlorobenzene
 Concen: 49.242 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX008750.D
 Acq: 08 Apr 2019 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.1	144.3
145	30.8	16.3	48.8



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

