

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071719\
 Data File : VX010942.D
 Acq On : 17 Jul 2019 17:39
 Operator : JC/SP
 Sample : K3855-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190716MS

Quant Time: Jul 18 02:31:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	201873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	307708	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	285267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151276	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	114546	53.34	ug/l	0.00
Spiked Amount			Recovery	=	106.68%	
35) Dibromofluoromethane	5.50	113	103394	52.94	ug/l	0.00
Spiked Amount			Recovery	=	105.88%	
50) Toluene-d8	8.71	98	392698	53.61	ug/l	0.00
Spiked Amount			Recovery	=	107.22%	
62) 4-Bromofluorobenzene	11.13	95	146903	54.56	ug/l	0.00
Spiked Amount			Recovery	=	109.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	112187	52.094	ug/l	97
3) Chloromethane	1.32	50	101186	54.506	ug/l	98
4) Vinyl Chloride	1.41	62	112764	59.552	ug/l	98
5) Bromomethane	1.64	94	50402	47.235	ug/l	99
6) Chloroethane	1.72	64	64350	53.477	ug/l	95
7) Trichlorofluoromethane	1.93	101	173612	54.164	ug/l	100
8) Diethyl Ether	2.19	74	58203	52.703	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	97196	53.108	ug/l	98
10) Methyl Iodide	2.51	142	108353	45.116	ug/l	99
11) Tert butyl alcohol	3.05	59	109906	219.741	ug/l	98
12) 1,1-Dichloroethene	2.37	96	94954	52.807	ug/l	99
13) Acrolein	2.29	56	61257	211.980	ug/l	100
14) Allyl chloride	2.73	41	138426	52.999	ug/l	99
15) Acrylonitrile	3.14	53	273545	270.657	ug/l	99
16) Acetone	2.45	43	215605	222.280	ug/l	100
17) Carbon Disulfide	2.57	76	245665	53.261	ug/l	98
18) Methyl Acetate	2.78	43	111893	50.661	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	305852	52.837	ug/l	98
20) Methylene Chloride	2.85	84	107326	52.212	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	101695	53.302	ug/l	96
22) Diisopropyl ether	3.85	45	294362	53.437	ug/l	98
23) Vinyl Acetate	3.81	43	1302075	278.973	ug/l	100
24) 1,1-Dichloroethane	3.70	63	170009	53.142	ug/l	99
25) 2-Butanone	4.67	43	367141	263.679	ug/l	98
26) 2,2-Dichloropropane	4.59	77	130138	49.543	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	122204	55.344	ug/l	97
28) Bromochloromethane	5.01	49	81945	54.357	ug/l	98
29) Tetrahydrofuran	5.13	42	240033	272.150	ug/l	99
30) Chloroform	5.21	83	181322	52.437	ug/l	100
31) Cyclohexane	5.58	56	153937	52.791	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	158149	52.864	ug/l	99
36) 1,1-Dichloropropene	5.80	75	133539	52.834	ug/l	99
37) Ethyl Acetate	4.84	43	140235	54.184	ug/l	99
38) Carbon Tetrachloride	5.78	117	138699	52.661	ug/l	96

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	168945	51.543	ug/l	98
40) Benzene	6.14	78	404339	52.224	ug/l	100
41) Methacrylonitrile	5.04	41	76231	51.885	ug/l	98
42) 1,2-Dichloroethane	6.19	62	140064	52.030	ug/l	99
43) Isopropyl Acetate	6.45	43	224308	52.708	ug/l	99
44) Trichloroethene	7.21	130	116975	51.041	ug/l	94
45) 1,2-Dichloropropane	7.51	63	102715	52.124	ug/l	99
46) Dibromomethane	7.66	93	75346	53.509	ug/l	99
47) Bromodichloromethane	7.90	83	135717	54.145	ug/l	97
48) Methyl methacrylate	7.77	41	110807	53.449	ug/l	98
49) 1,4-Dioxane	7.74	88	53311	919.301	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	746763	270.695	ug/l	100
52) Toluene	8.78	92	263504	51.808	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	144937	53.776	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	159034	53.029	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	110216	52.629	ug/l	97
56) Ethyl methacrylate	9.18	69	169197	55.233	ug/l	100
57) 1,3-Dichloropropane	9.37	76	173675	52.277	ug/l	99
59) 2-Hexanone	9.49	43	587673	274.654	ug/l	99
60) Dibromochloromethane	9.58	129	119184	49.478	ug/l	100
61) 1,2-Dibromoethane	9.67	107	120510	54.222	ug/l	99
64) Tetrachloroethene	9.34	164	108133	48.185	ug/l	98
65) Chlorobenzene	10.14	112	299369	51.094	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	109295	53.076	ug/l	98
67) Ethyl Benzene	10.25	91	518691	52.010	ug/l	99
68) m/p-Xylenes	10.36	106	397751	103.972	ug/l	100
69) o-Xylene	10.69	106	194486	52.091	ug/l	100
70) Styrene	10.71	104	335212	53.859	ug/l	100
71) Bromoform	10.85	173	89797	48.000	ug/l	99
73) Isopropylbenzene	11.02	105	525635	51.423	ug/l	99
74) N-amyl acetate	10.90	43	208344	53.345	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	175360	52.423	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	191707	70.226	ug/l	83
77) Bromobenzene	11.26	156	143141	50.768	ug/l	100
78) n-propylbenzene	11.36	91	586282	51.910	ug/l	99
79) 2-Chlorotoluene	11.42	91	348231	51.326	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	439372	51.441	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	50203	46.864	ug/l	97
82) 4-Chlorotoluene	11.51	91	406018	51.417	ug/l	100
83) tert-Butylbenzene	11.77	119	438292	52.242	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	445936	51.800	ug/l	99
85) sec-Butylbenzene	11.94	105	515192	52.408	ug/l	99
86) p-Isopropyltoluene	12.06	119	475851	52.359	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	252474	51.599	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	250698	49.957	ug/l	98
89) n-Butylbenzene	12.38	91	409522	52.670	ug/l	100
90) Hexachloroethane	12.60	117	73460	51.247	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	247554	51.049	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37490	53.616	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	169002	51.424	ug/l	100

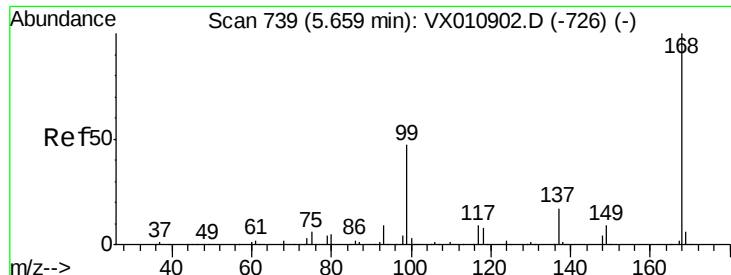
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	81760	50.203	ug/l	100
95) Naphthalene	13.83	128	514728	53.039	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	170626	52.180	ug/l	99

(#) = 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: VX010942.D

Acq: 17 Jul 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

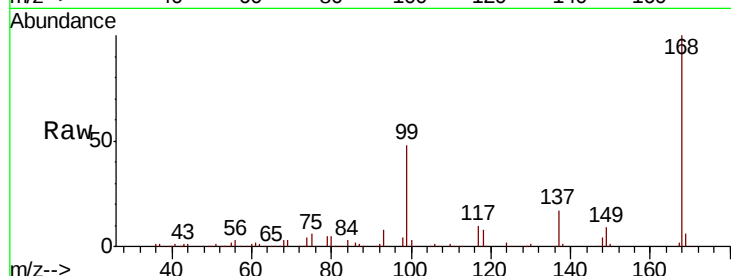
SS050MW641-190716MS

Tot Ion:168 Resp: 201873

Ion Ratio Lower Upper

168 100

99 47.8 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

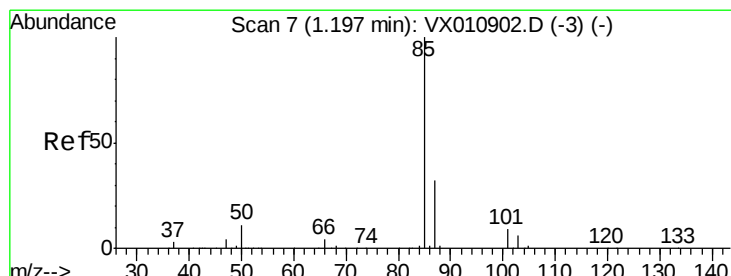
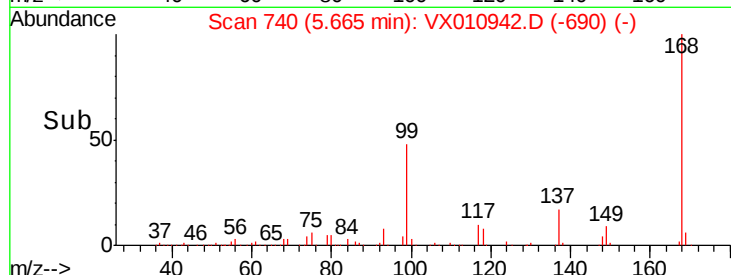
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 52.094 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010942.D

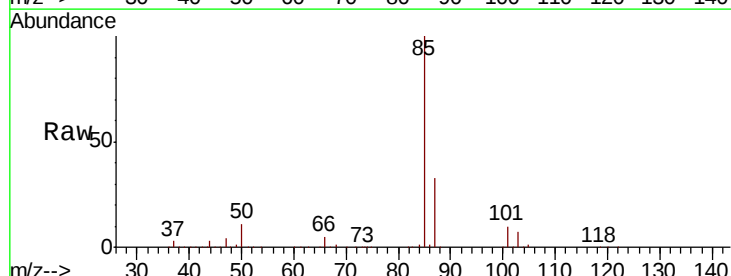
Acq: 17 Jul 2019 17:39

Tgt Ion: 85 Resp: 112187

Ion Ratio Lower Upper

85 100

87 33.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

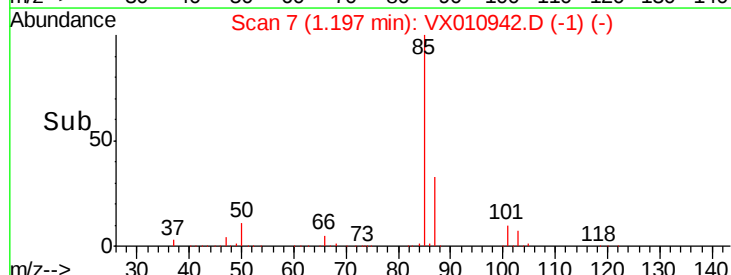
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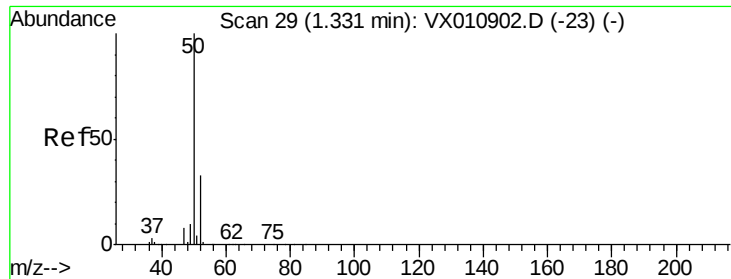
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 54.506 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

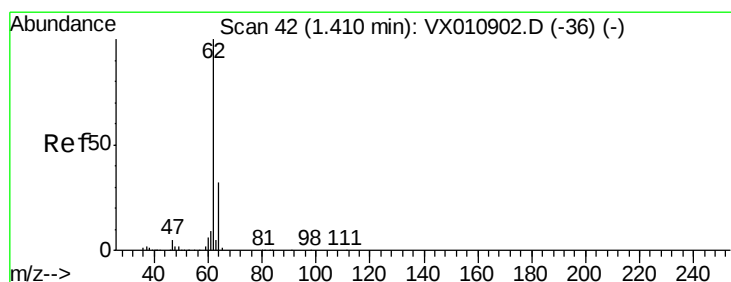
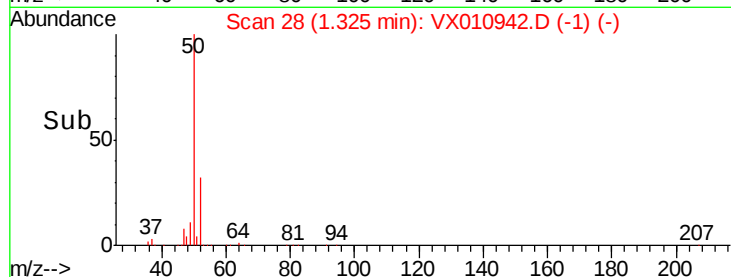
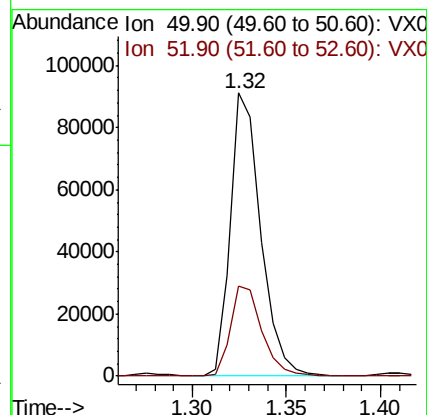
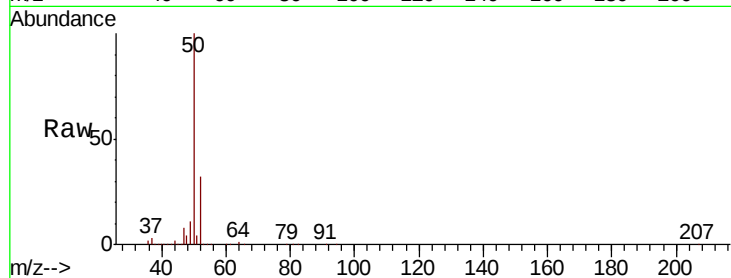
SS050MW641-190716MS

Tot Ion: 50 Resp: 101186

Ion Ratio Lower Upper

50 100

52 32.1 26.4 39.6



#4

Vinyl Chloride

Concen: 59.552 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010942.D

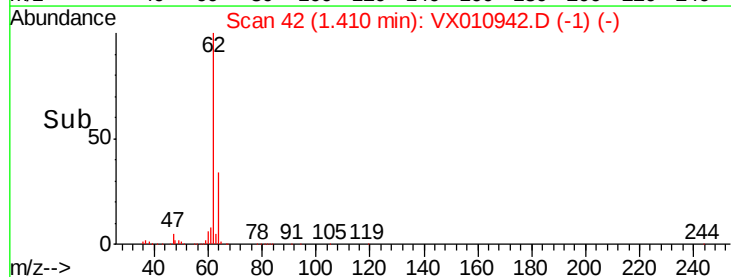
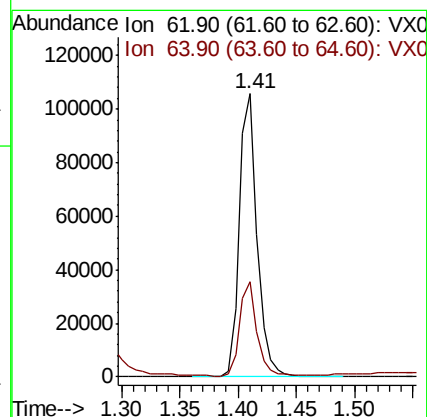
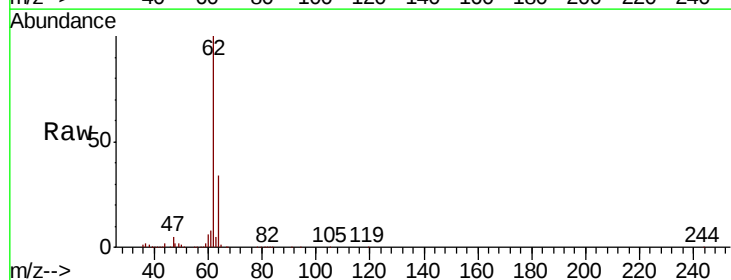
Acq: 17 Jul 2019 17:39

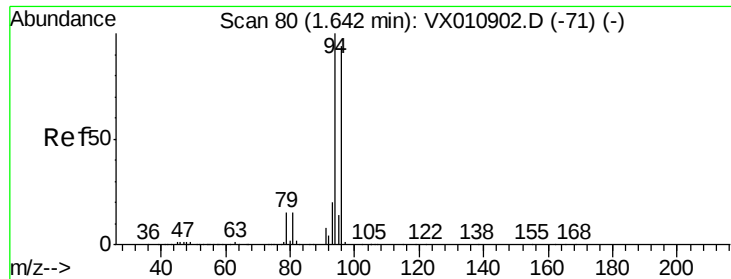
Tgt Ion: 62 Resp: 112764

Ion Ratio Lower Upper

62 100

64 33.1 25.7 38.5





#5

Bromomethane

Concen: 47.235 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

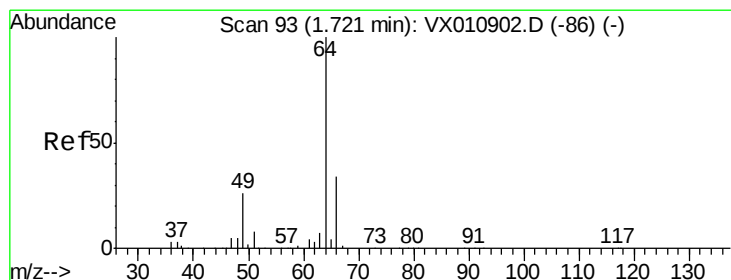
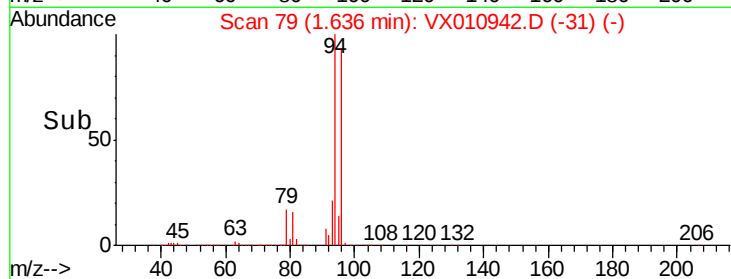
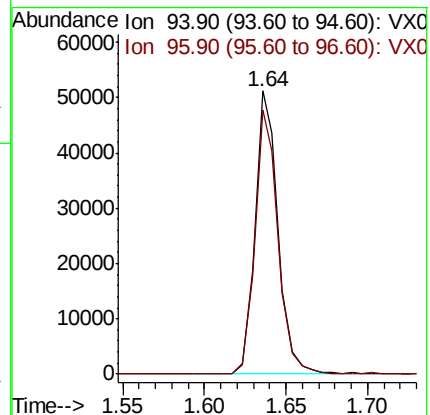
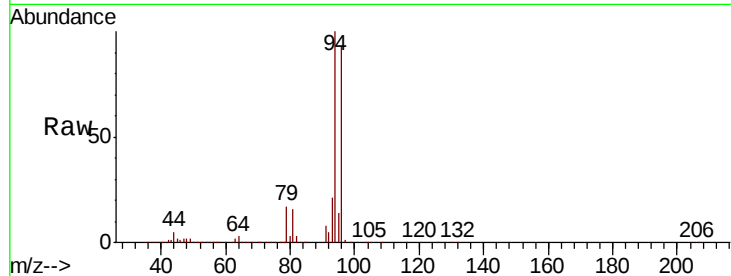
SS050MW641-190716MS

Tot Ion: 94 Resp: 50402

Ion Ratio Lower Upper

94 100

96 93.5 75.6 113.4



#6

Chloroethane

Concen: 53.477 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX010942.D

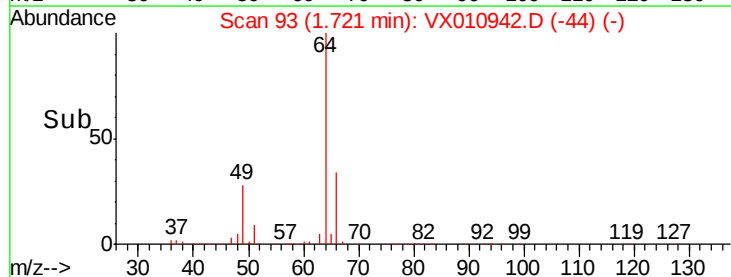
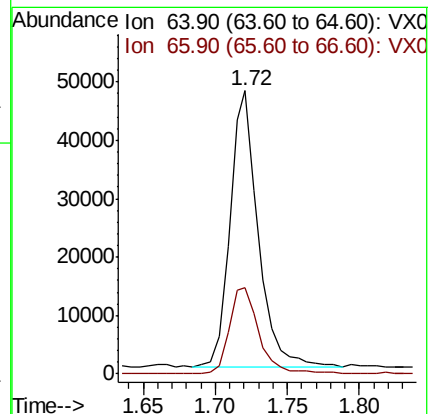
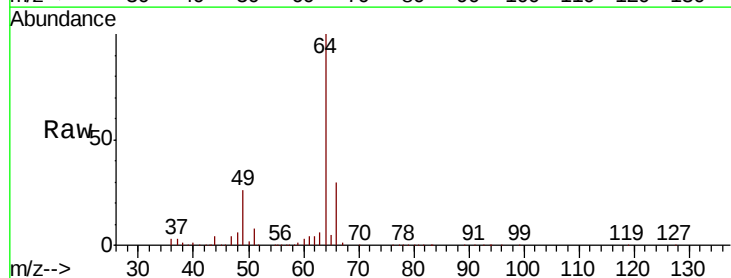
Acq: 17 Jul 2019 17:39

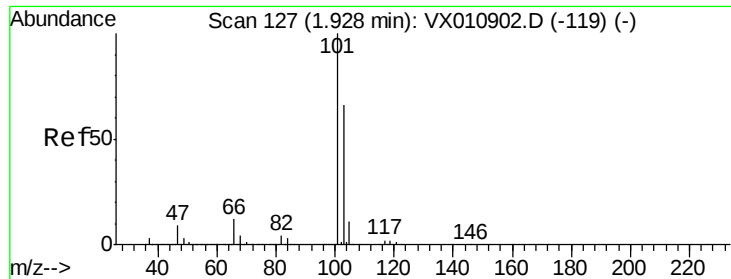
Tgt Ion: 64 Resp: 64350

Ion Ratio Lower Upper

64 100

66 31.0 27.0 40.6





#7

Trichlorofluoromethane

Concen: 54.164 ug/l

RT: 1.93 min Scan# 127

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

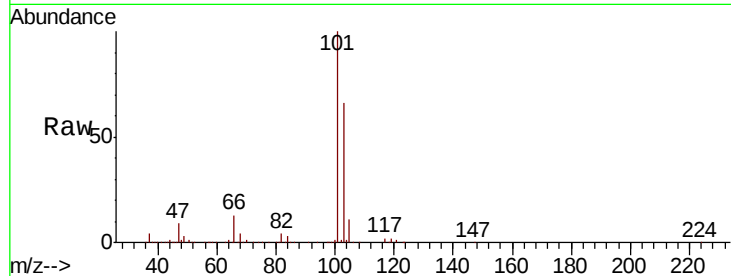
SS050MW641-190716MS

Tot Ion:101 Resp: 173612

Ion Ratio Lower Upper

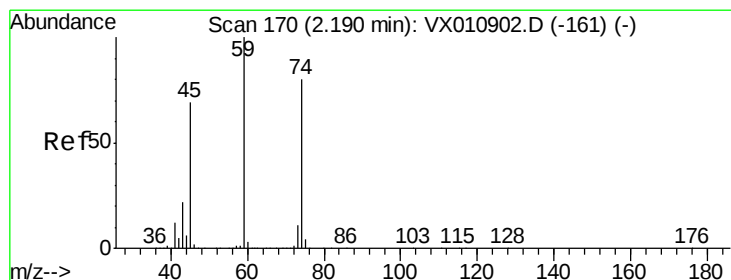
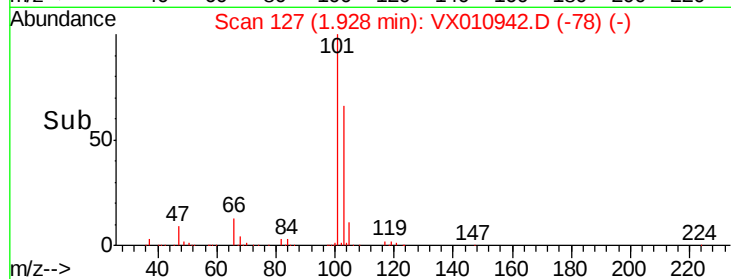
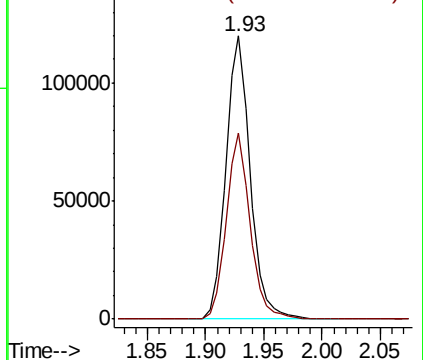
101 100

103 65.7 52.6 78.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 52.703 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX010942.D

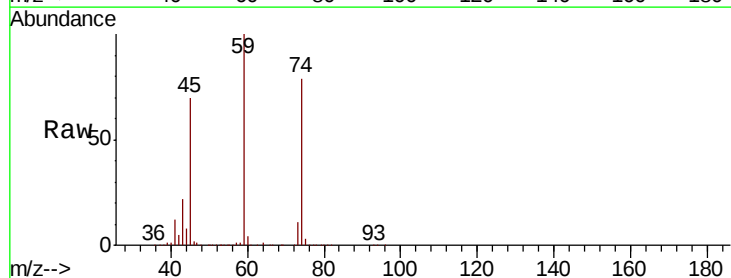
Acq: 17 Jul 2019 17:39

Tgt Ion: 74 Resp: 58203

Ion Ratio Lower Upper

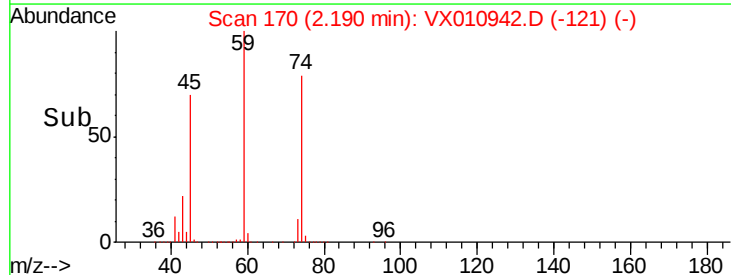
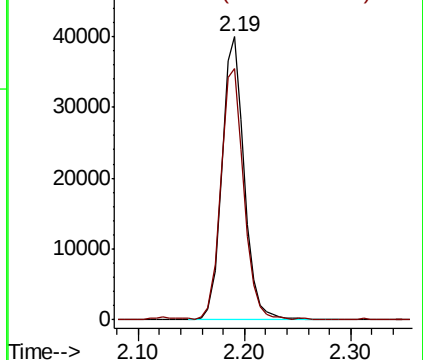
74 100

45 92.2 45.5 136.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.108 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MS

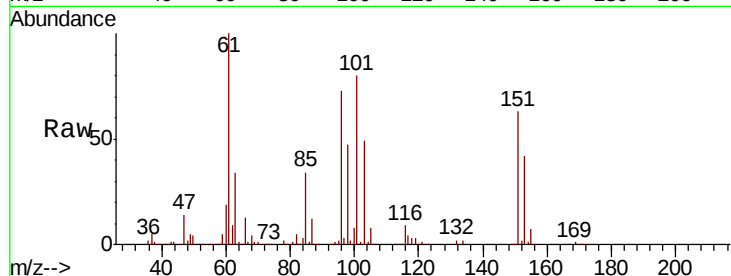
Tot Ion:101 Resp: 97196

Ion Ratio Lower Upper

101 100

85 43.1 34.6 52.0

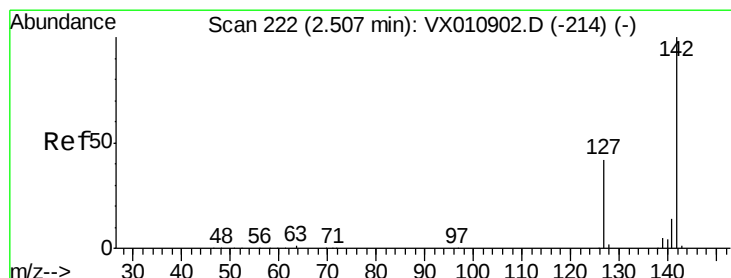
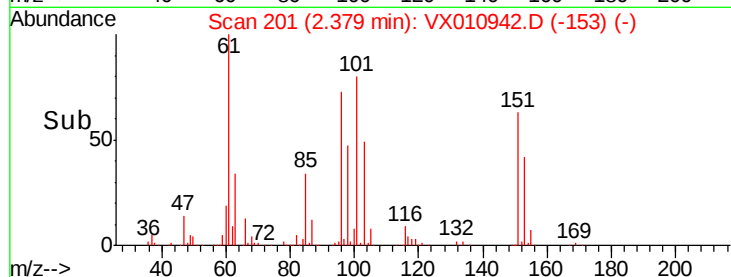
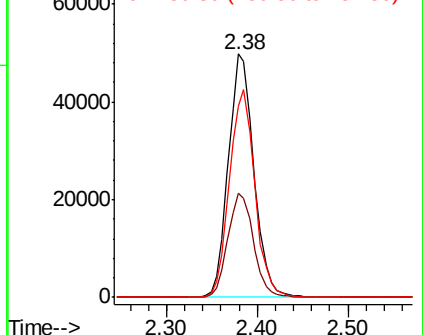
151 84.9 69.6 104.4



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: 45.116 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

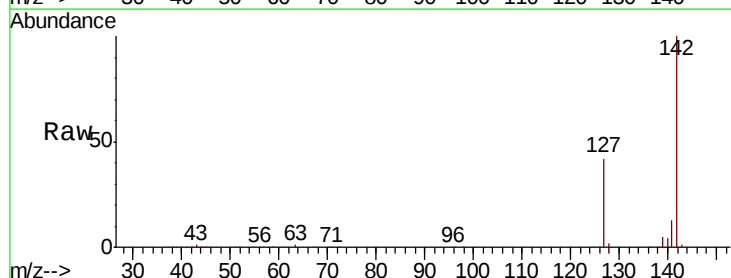
Tgt Ion:142 Resp: 108353

Ion Ratio Lower Upper

142 100

127 42.5 34.2 51.4

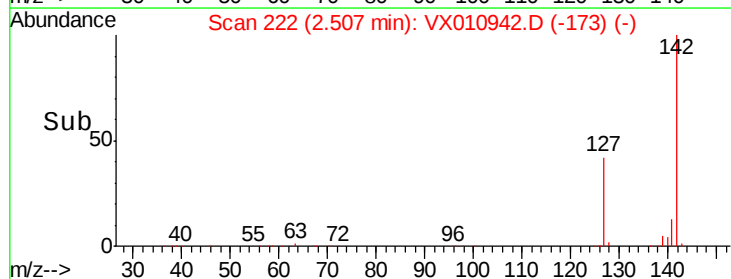
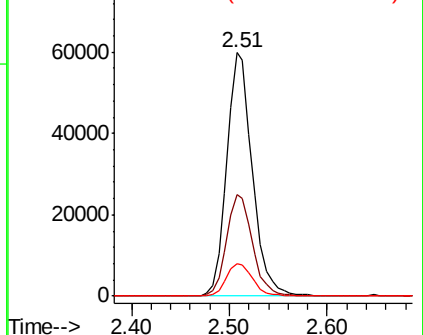
141 13.9 11.7 17.5

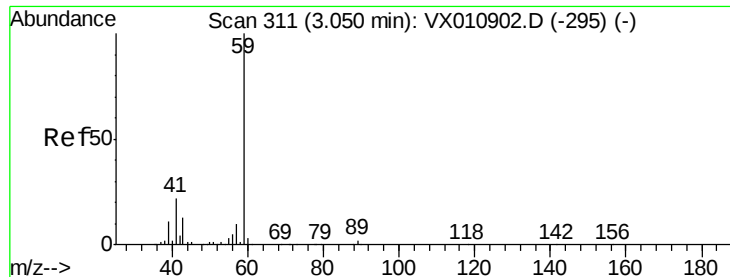


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



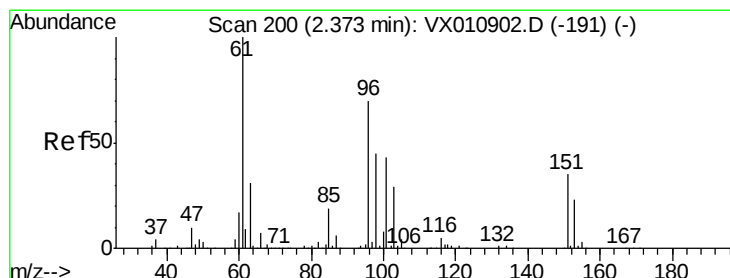
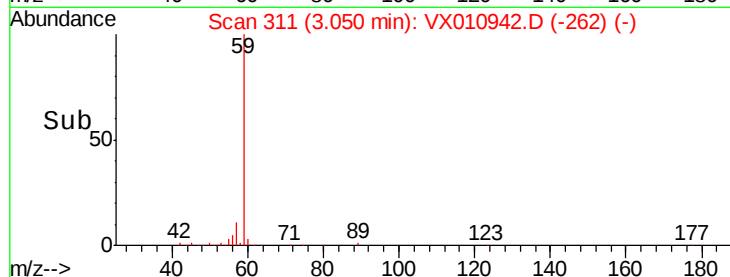
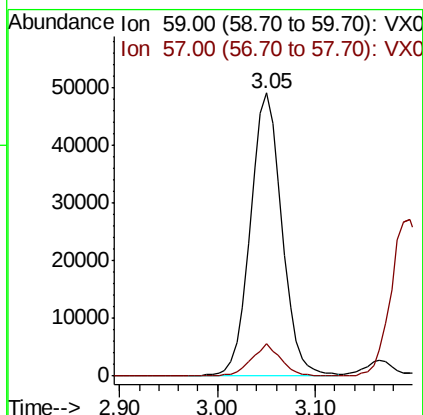
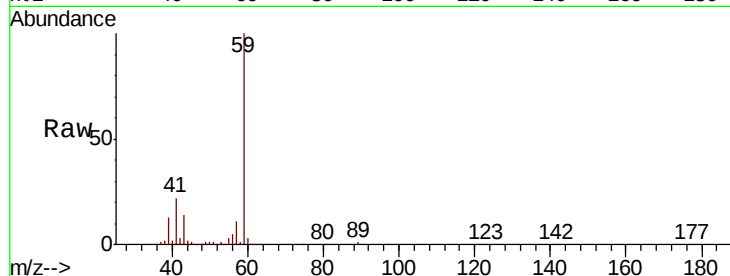


#11

Tert butyl alcohol
 Concen: 219.741 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: VX010942.D
 Acq: 17 Jul 2019 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190716MS

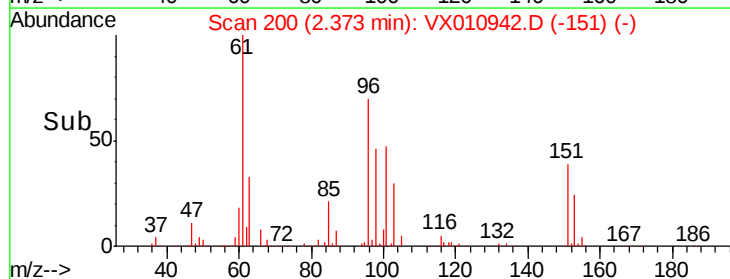
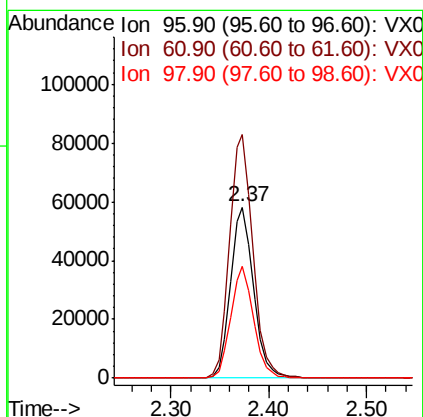
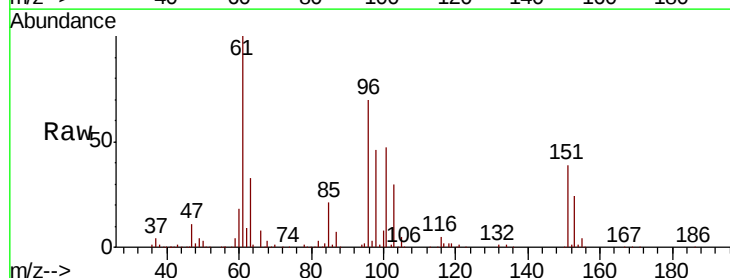
Tot Ion: 59 Resp: 109906
 Ion Ratio Lower Upper
 59 100
 57 10.6 7.9 11.9

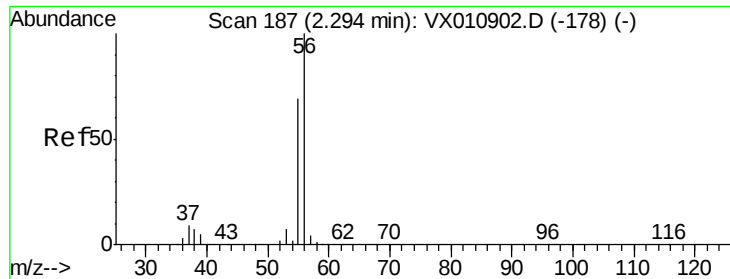


#12

1,1-Dichloroethene
 Concen: 52.807 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX010942.D
 Acq: 17 Jul 2019 17:39

Tgt Ion: 96 Resp: 94954
 Ion Ratio Lower Upper
 96 100
 61 142.4 115.0 172.4
 98 65.7 52.2 78.2





#13

Acrolein

Concen: 211.980 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

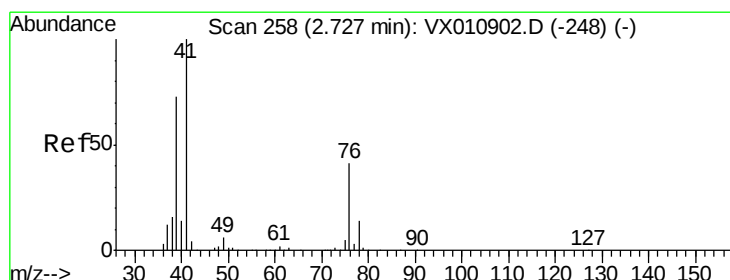
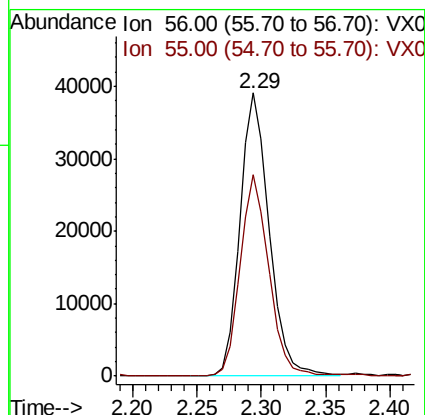
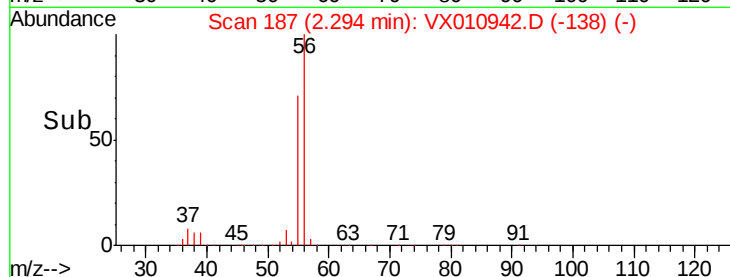
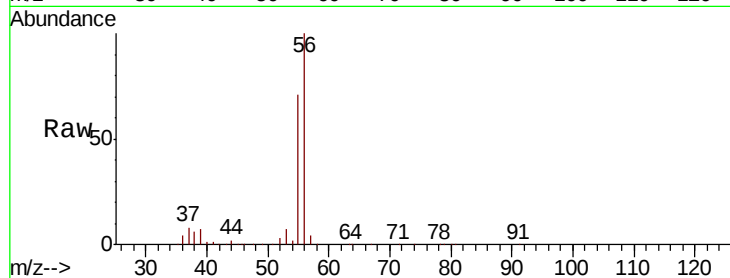
SS050MW641-190716MS

Tot Ion: 56 Resp: 61257

Ion Ratio Lower Upper

56 100

55 69.8 55.9 83.9



#14

Allyl chloride

Concen: 52.999 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

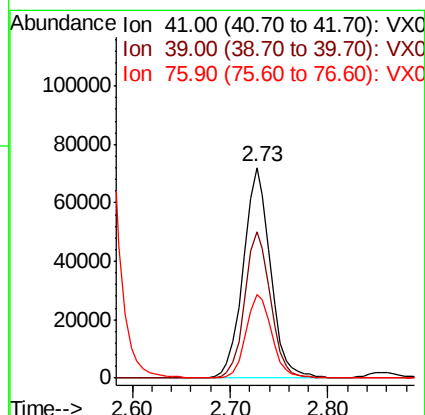
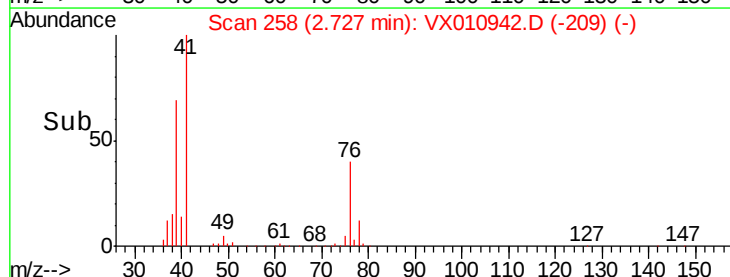
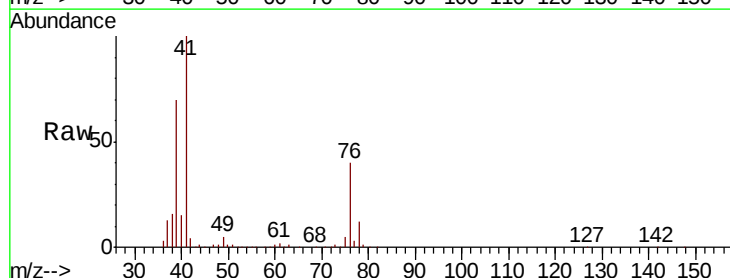
Tgt Ion: 41 Resp: 138426

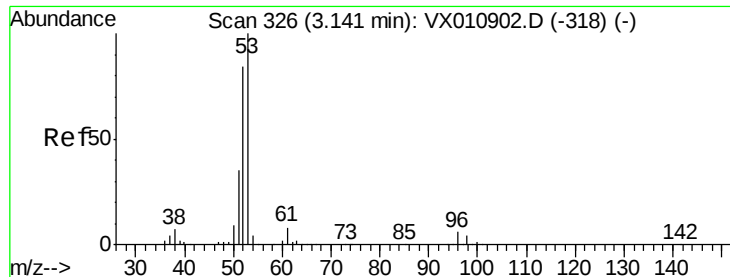
Ion Ratio Lower Upper

41 100

39 66.3 53.6 80.4

76 37.5 29.7 44.5





#15

Acrylonitrile

Concen: 270.657 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MS

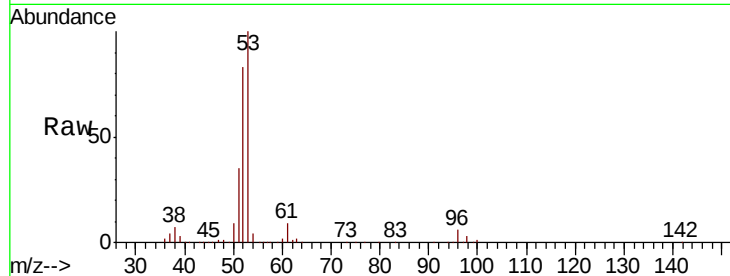
Tot Ion: 53 Resp: 273545

Ion Ratio Lower Upper

53 100

52 82.5 66.5 99.7

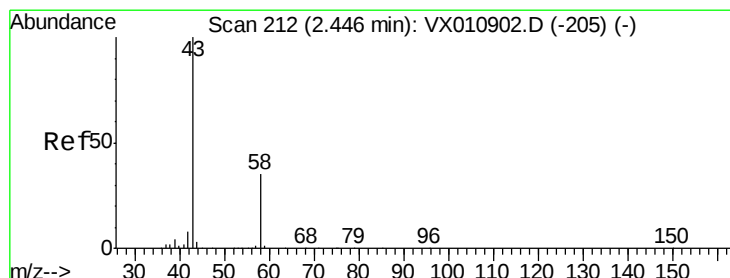
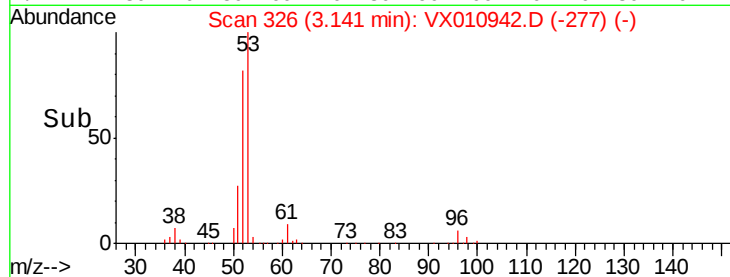
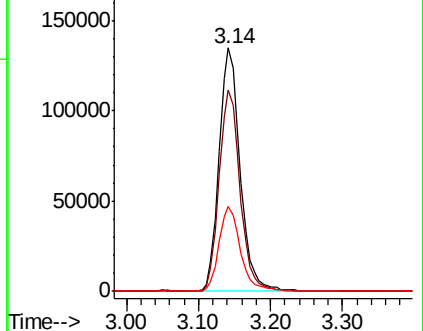
51 35.6 28.2 42.4



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: 222.280 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010942.D

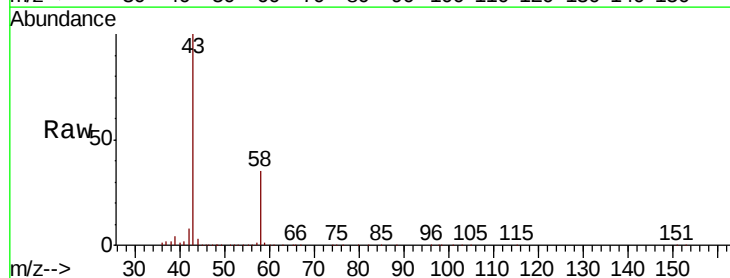
Acq: 17 Jul 2019 17:39

Tgt Ion: 43 Resp: 215605

Ion Ratio Lower Upper

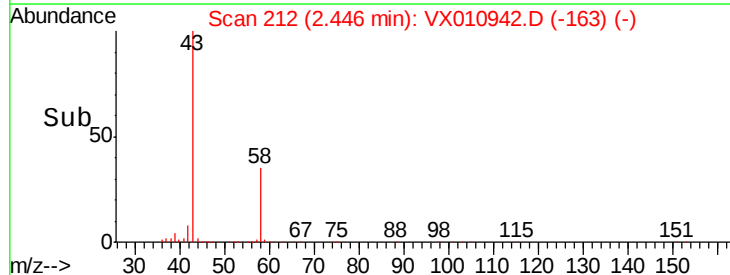
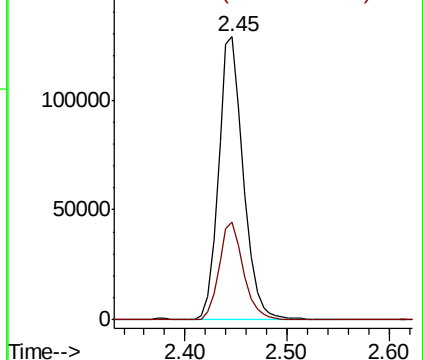
43 100

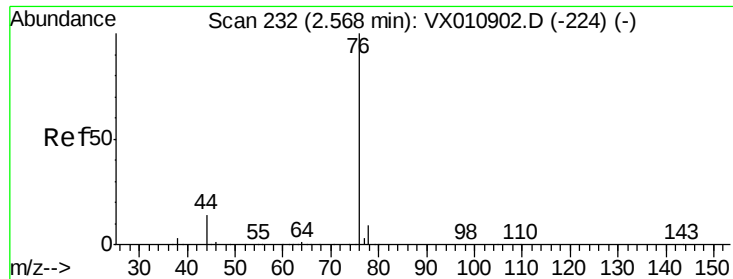
58 34.6 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

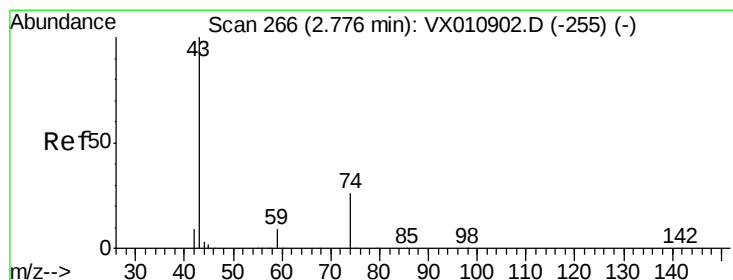
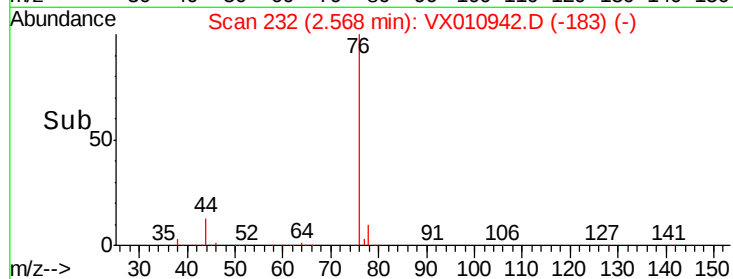
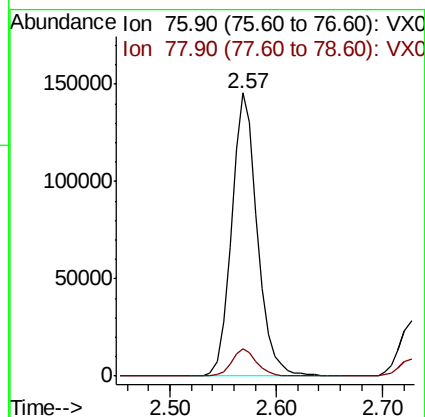
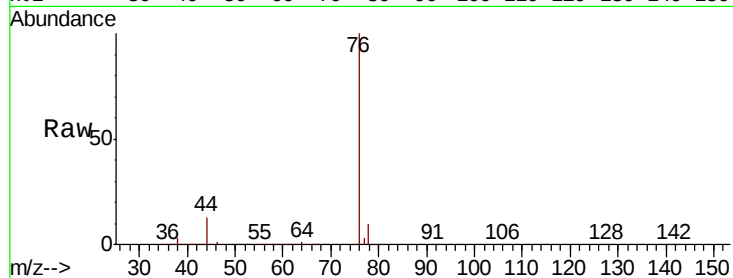




#17
Carbon Disulfide
Concen: 53.261 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010942.D
Acq: 17 Jul 2019 17:39

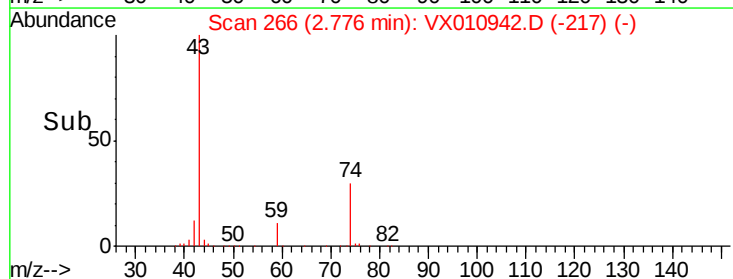
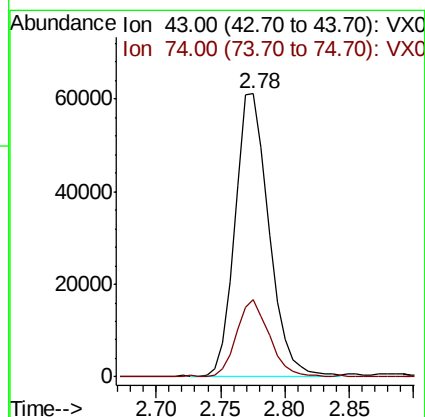
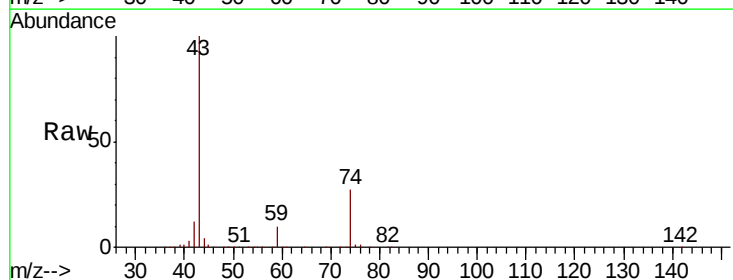
Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190716MS

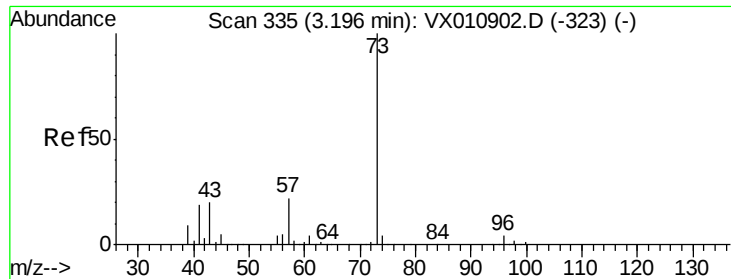
Tot Ion: 76 Resp: 245665
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#18
Methyl Acetate
Concen: 50.661 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010942.D
Acq: 17 Jul 2019 17:39

Tgt Ion: 43 Resp: 111893
Ion Ratio Lower Upper
43 100
74 26.7 21.5 32.3

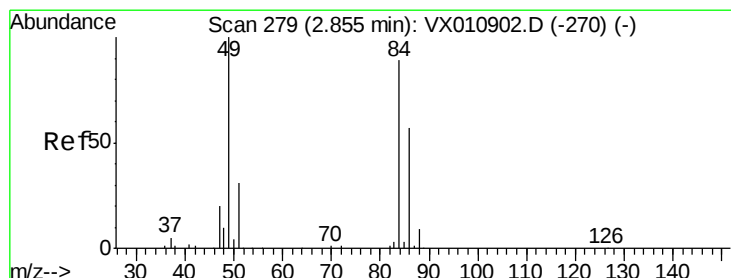
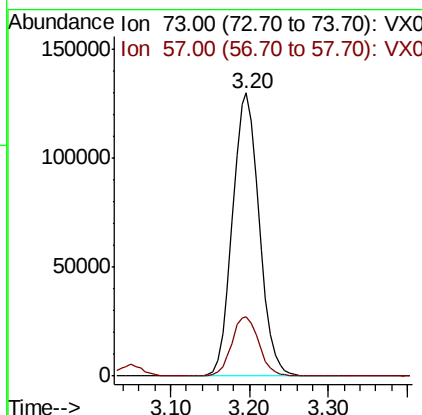
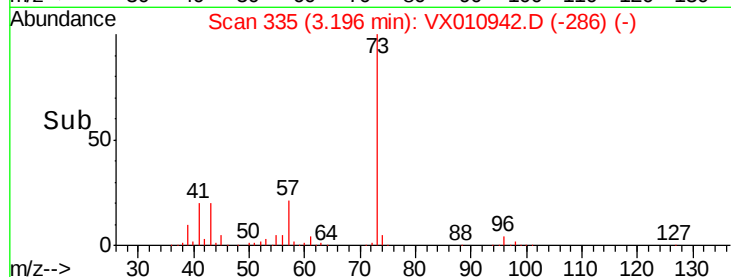
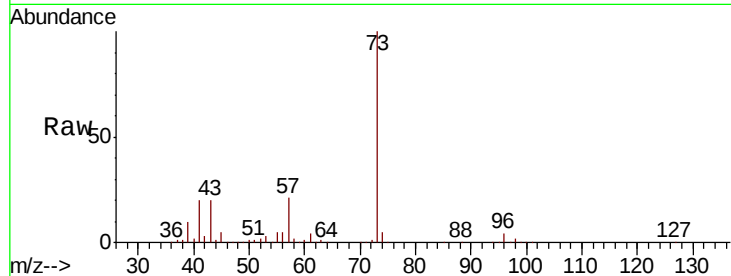




#19
Methyl tert-butyl Ether
Concen: 52.837 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010942.D
Acq: 17 Jul 2019 17:39

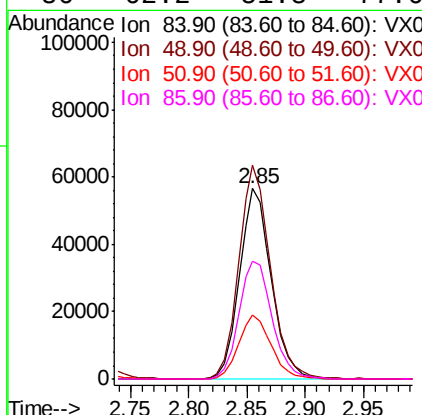
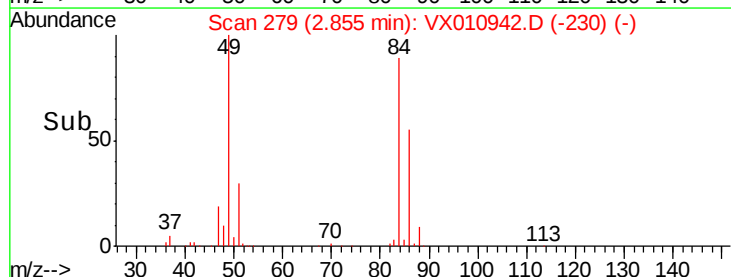
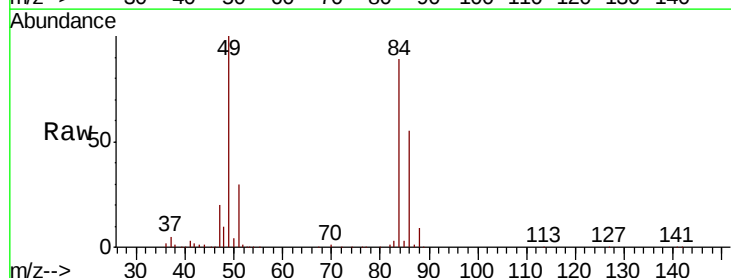
Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190716MS

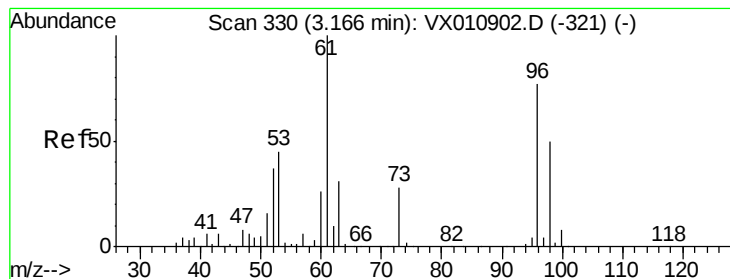
Tot Ion: 73 Resp: 305852
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9



#20
Methylene Chloride
Concen: 52.212 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010942.D
Acq: 17 Jul 2019 17:39

Tgt Ion: 84 Resp: 107326
Ion Ratio Lower Upper
84 100
49 112.3 89.9 134.9
51 33.9 27.8 41.6
86 62.2 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 53.302 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MS

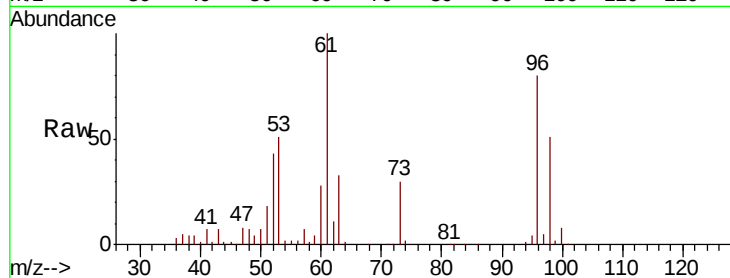
Tot Ion: 96 Resp: 101695

Ion Ratio Lower Upper

96 100

61 124.8 104.2 156.2

98 63.6 52.2 78.4

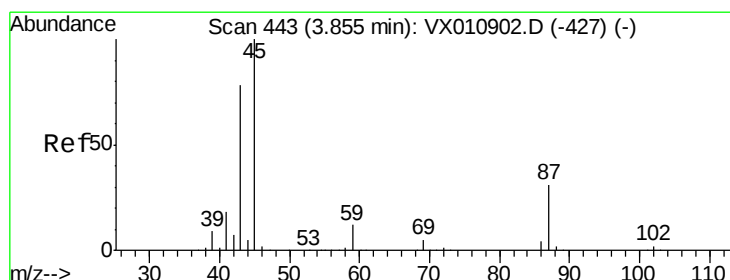
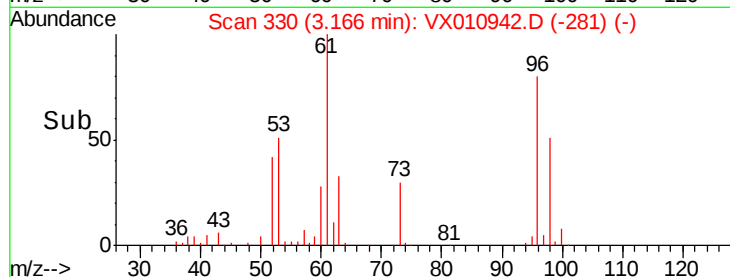
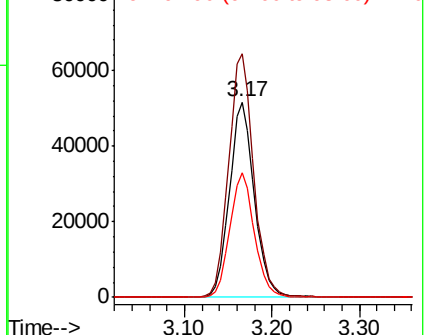


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.437 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Tgt Ion: 45 Resp: 294362

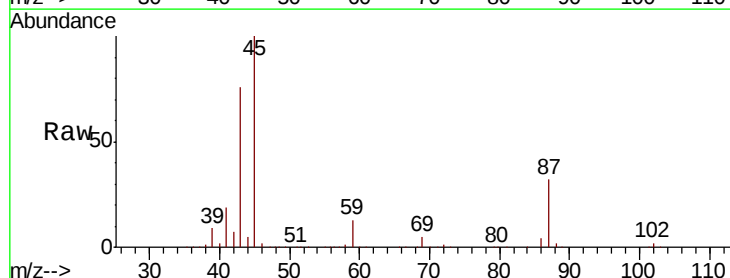
Ion Ratio Lower Upper

45 100

43 76.0 62.3 93.5

87 32.2 25.0 37.4

59 12.6 9.9 14.9



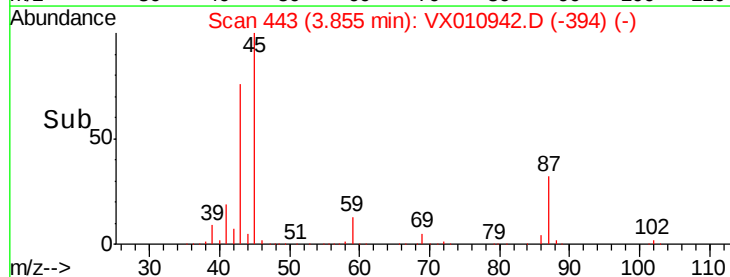
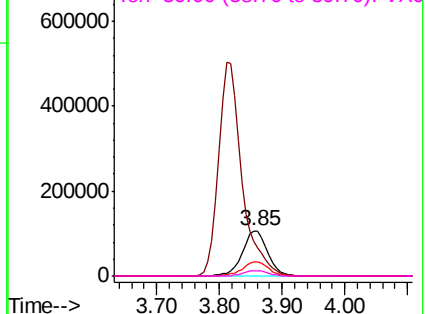
Abundance

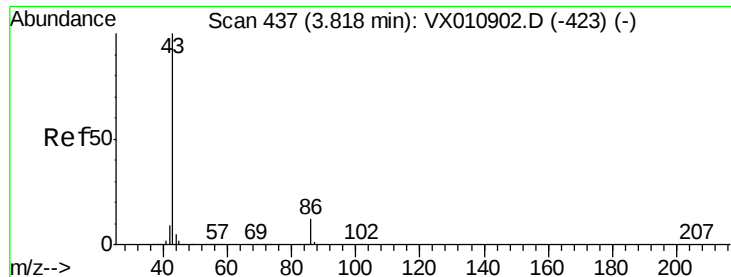
Ion 45.00 (44.70 to 45.70): VX0

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: 278.973 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

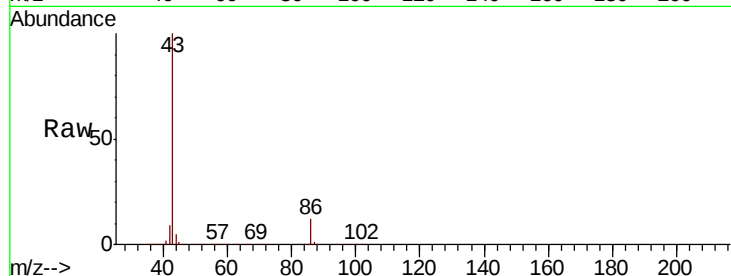
SS050MW641-190716MS

Tot Ion: 43 Resp: 1302075

Ion Ratio Lower Upper

43 100

86 11.6 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

500000

400000

300000

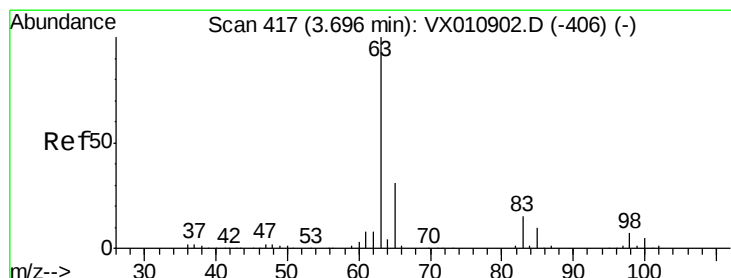
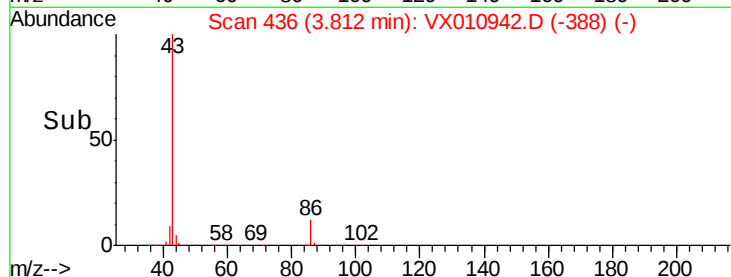
200000

100000

0

Time-->

3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 53.142 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

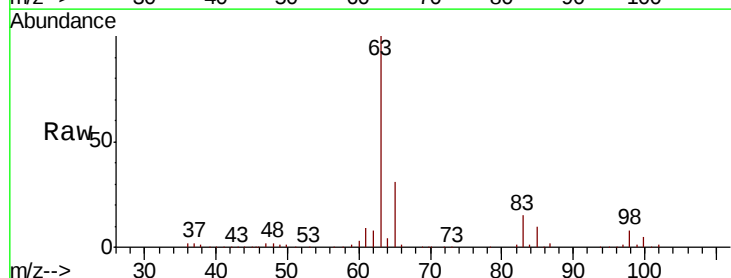
Tgt Ion: 63 Resp: 170009

Ion Ratio Lower Upper

63 100

98 7.9 3.6 10.9

100 4.6 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

80000

60000

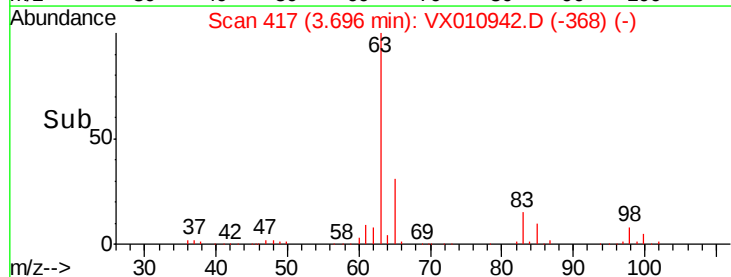
40000

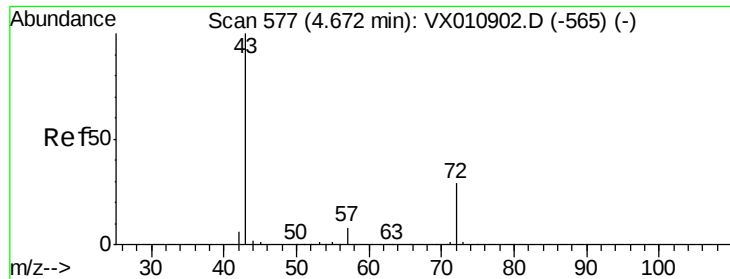
20000

0

Time-->

3.60 3.70 3.80 3.90





#25

2-Butanone

Concen: 263.679 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

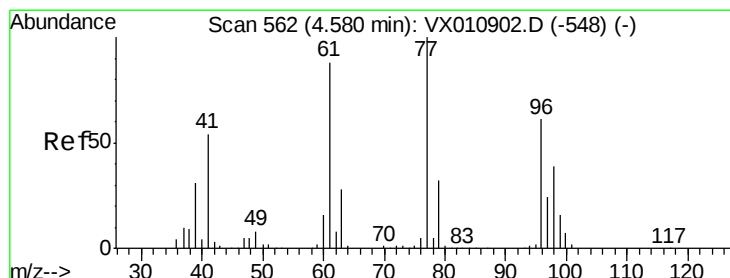
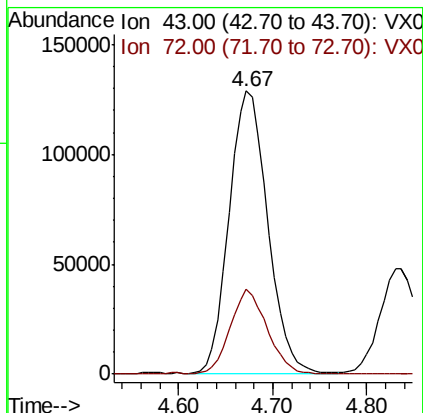
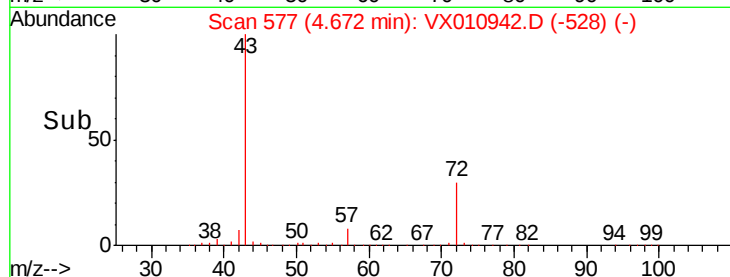
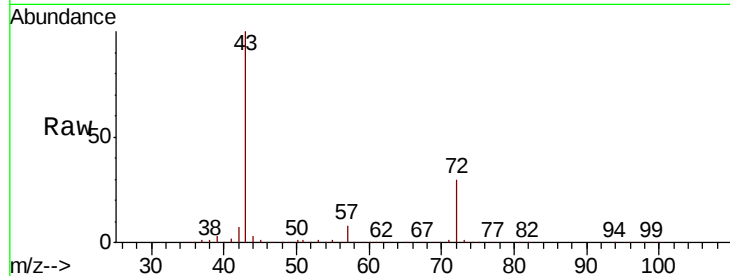
SS050MW641-190716MS

Tot Ion: 43 Resp: 367141

Ion Ratio Lower Upper

43 100

72 29.9 23.0 34.6



#26

2,2-Dichloropropane

Concen: 49.543 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010942.D

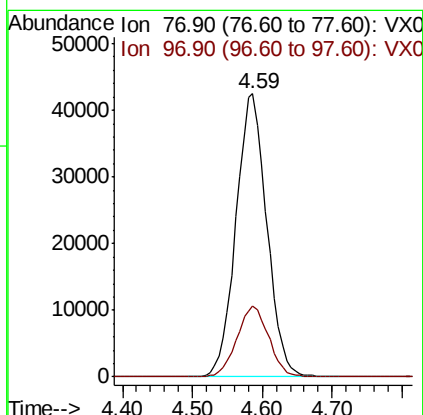
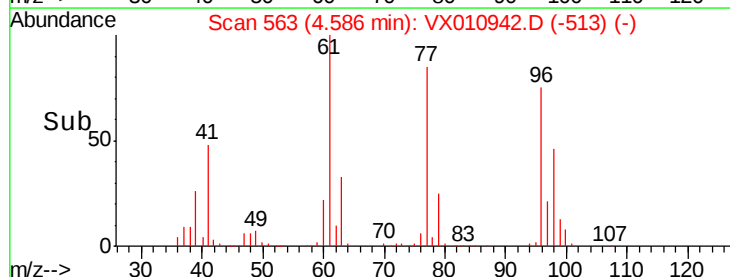
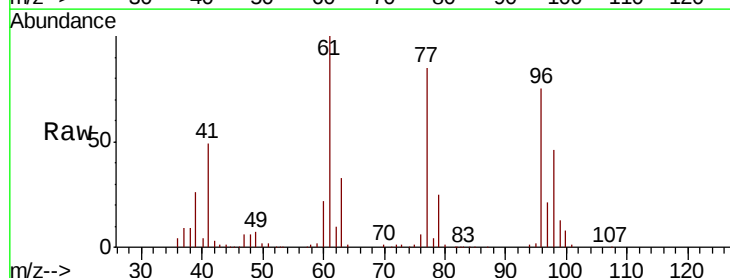
Acq: 17 Jul 2019 17:39

Tgt Ion: 77 Resp: 130138

Ion Ratio Lower Upper

77 100

97 25.7 12.6 37.6



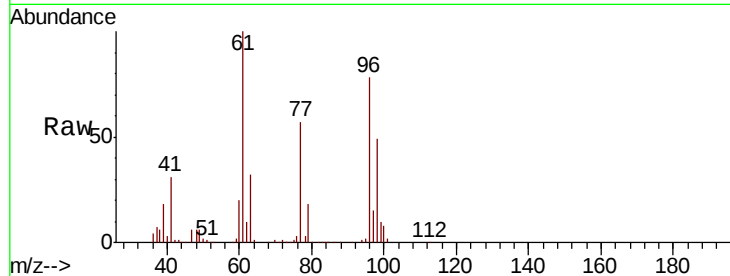


#27

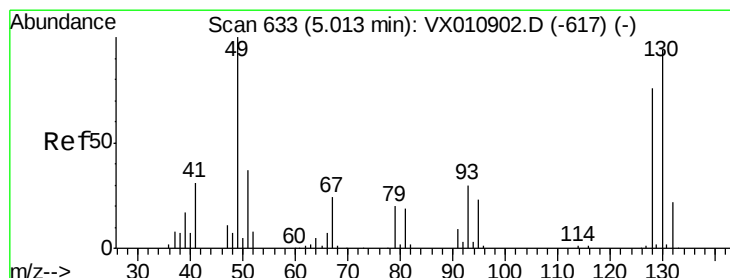
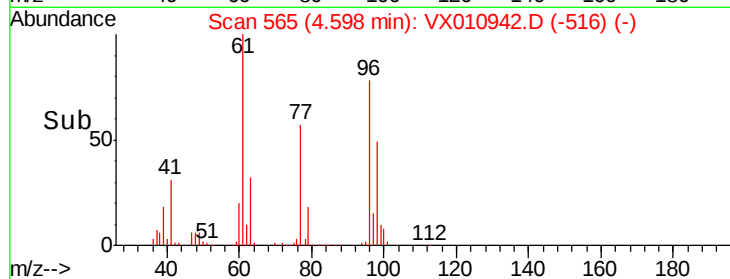
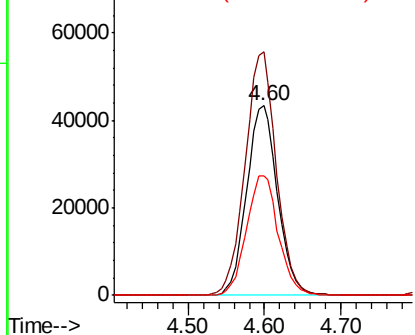
cis-1,2-Dichloroethene
Concen: 55.344 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010942.D
Acq: 17 Jul 2019 17:39

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190716MS

Tot Ion: 96 Resp: 122204
Ion Ratio Lower Upper
96 100
61 129.8 0.0 269.0
98 64.8 0.0 131.4



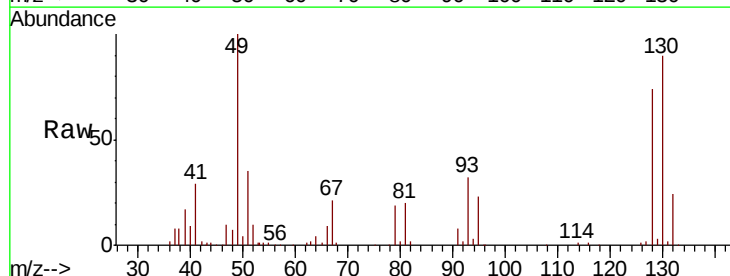
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



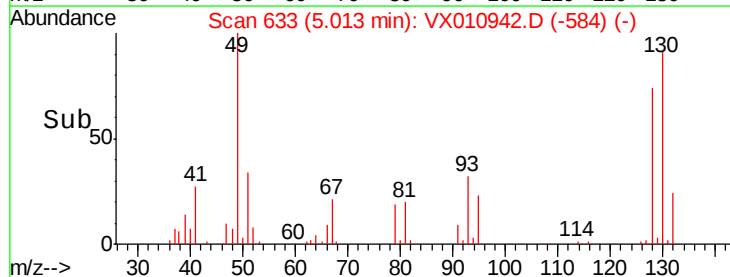
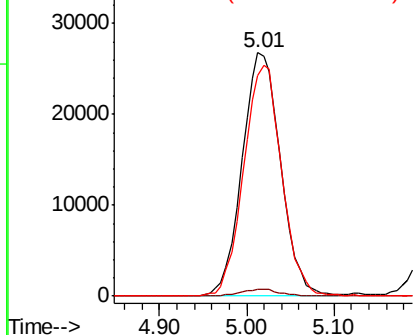
#28

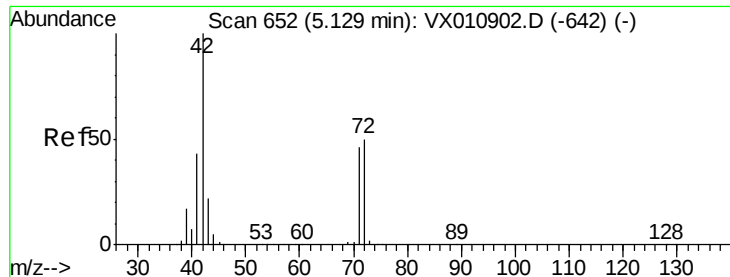
Bromochloromethane
Concen: 54.357 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010942.D
Acq: 17 Jul 2019 17:39

Tgt Ion: 49 Resp: 81945
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.2
130 93.7 76.9 115.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

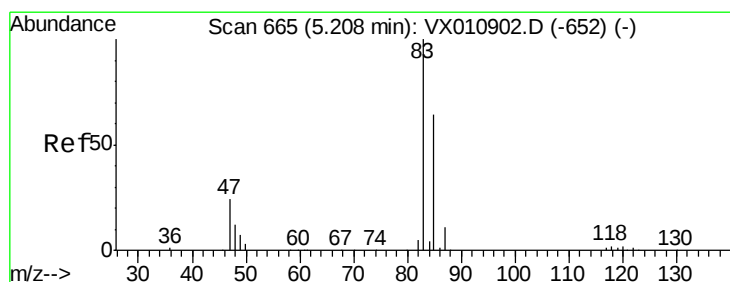
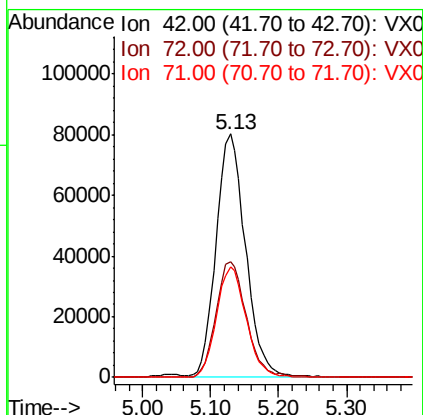
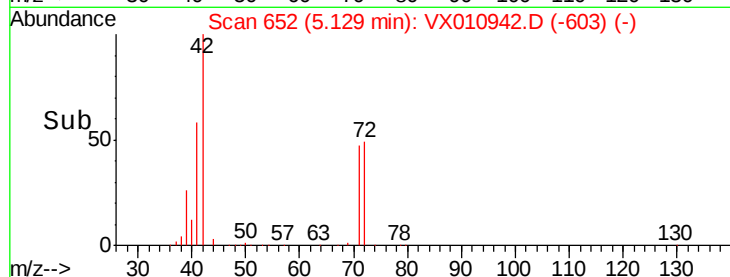
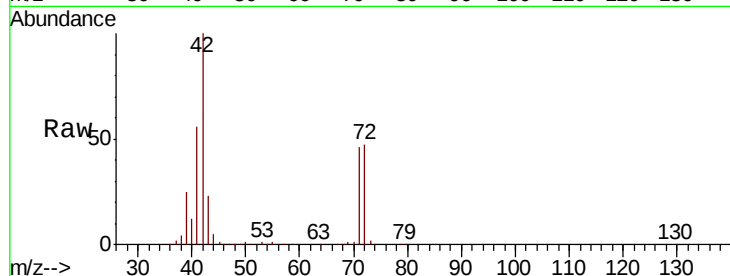




#29
Tetrahydrofuran
Concen: 272.150 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010942.D
Acq: 17 Jul 2019 17:39

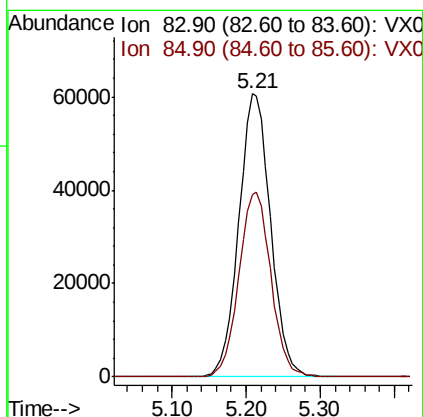
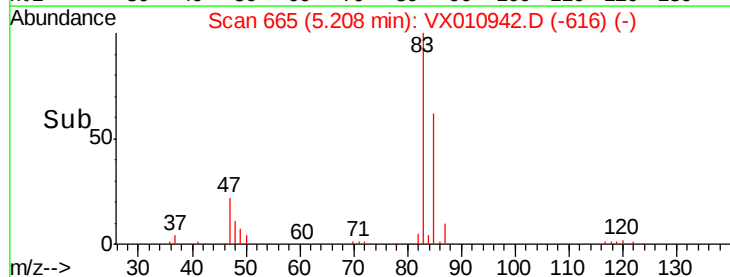
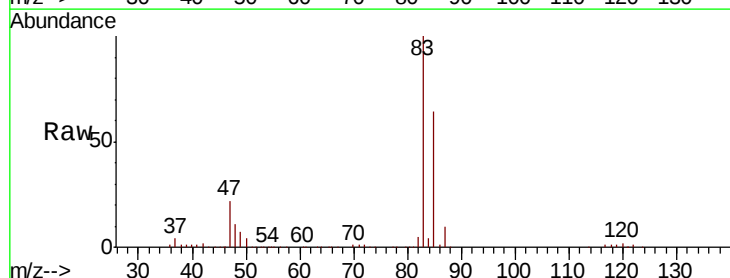
Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190716MS

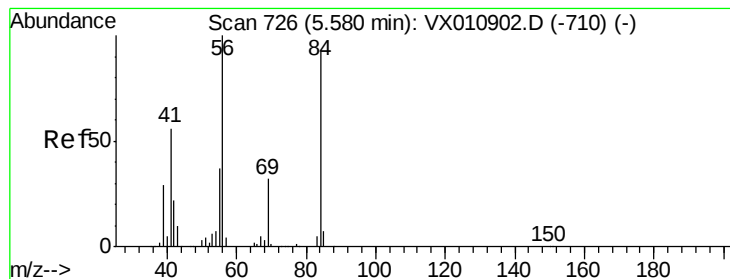
Tot Ion: 42 Resp: 240033
Ion Ratio Lower Upper
42 100
72 49.2 39.8 59.8
71 45.9 37.0 55.4



#30
Chloroform
Concen: 52.437 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010942.D
Acq: 17 Jul 2019 17:39

Tgt Ion: 83 Resp: 181322
Ion Ratio Lower Upper
83 100
85 64.3 51.4 77.0





#31

Cyclohexane

Concen: 52.791 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MS

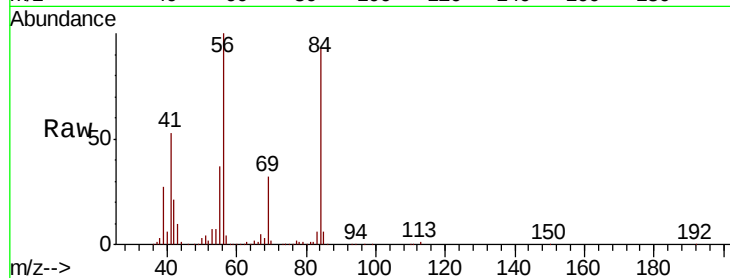
Tot Ion: 56 Resp: 153937

Ion Ratio Lower Upper

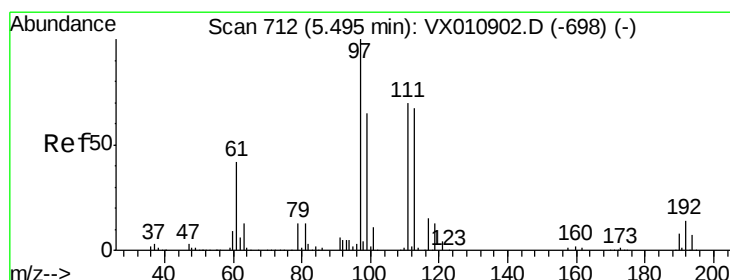
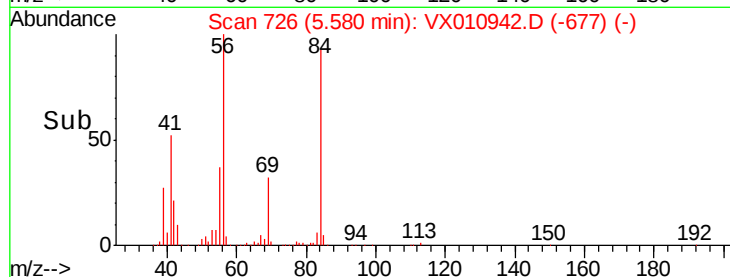
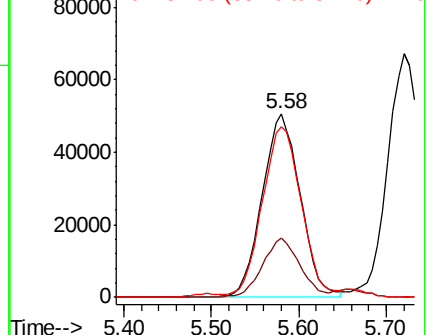
56 100

69 32.2 25.8 38.8

84 92.0 73.8 110.6



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: 52.864 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

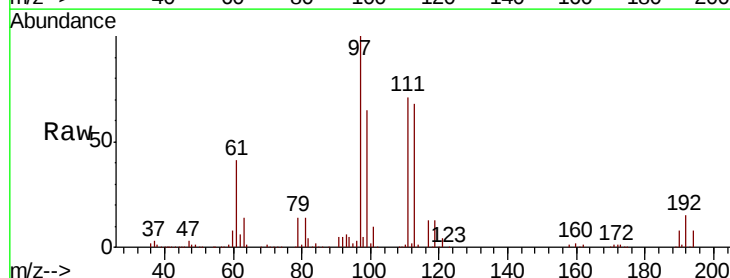
Tgt Ion: 97 Resp: 158149

Ion Ratio Lower Upper

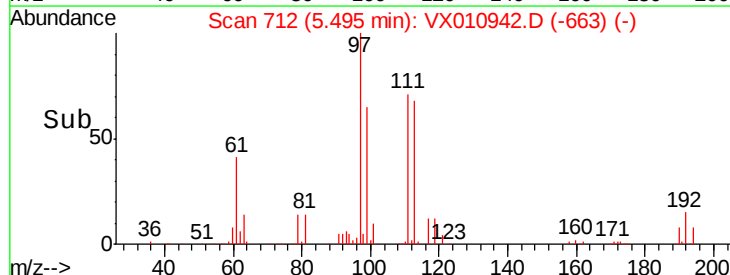
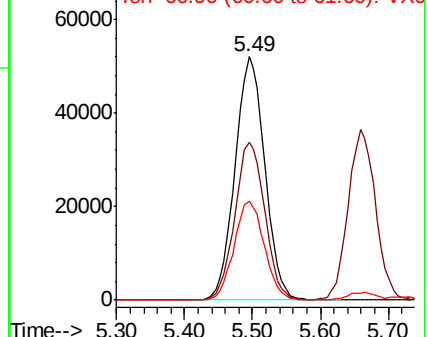
97 100

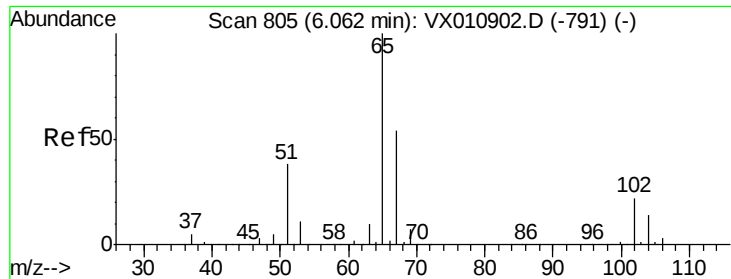
99 65.2 51.4 77.0

61 41.4 33.0 49.6



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

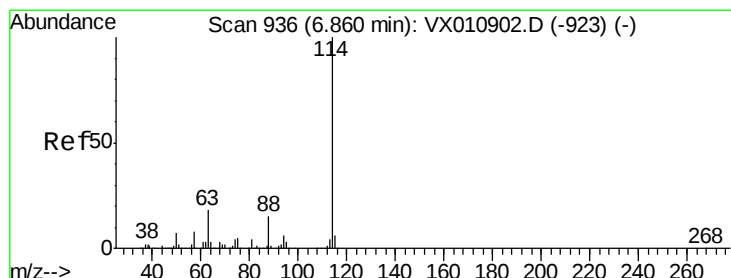
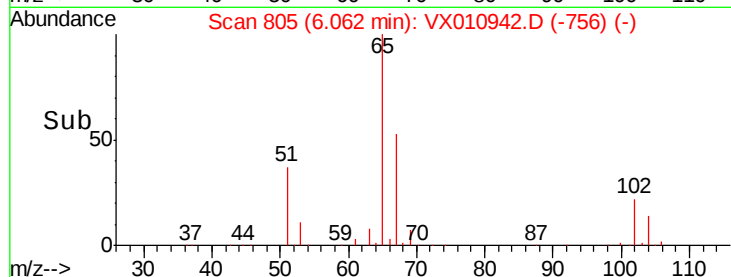
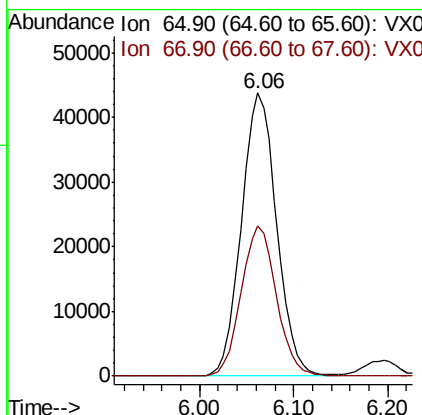
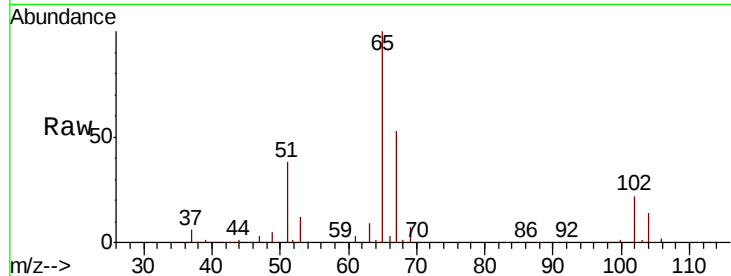




#33
 1,2-Dichloroethane-d4
 Concen: 53.336 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010942.D
 Acq: 17 Jul 2019 17:39

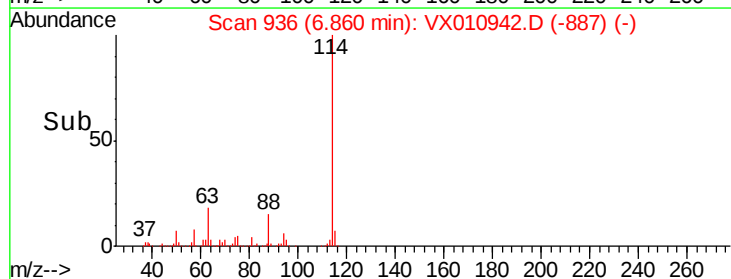
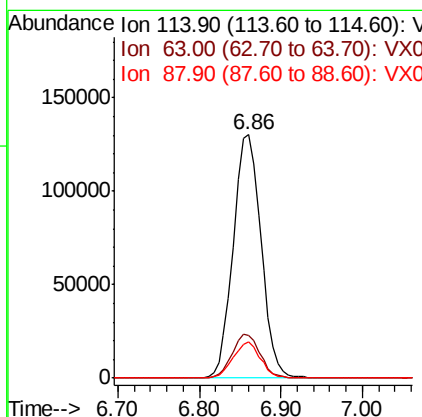
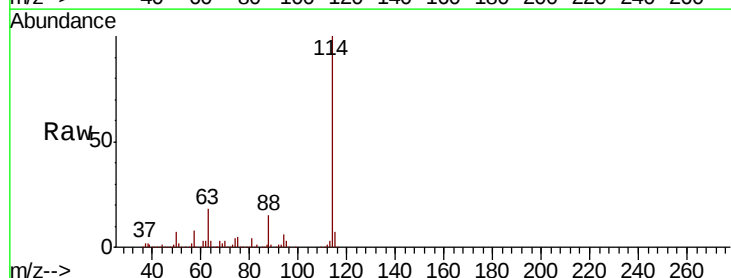
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190716MS

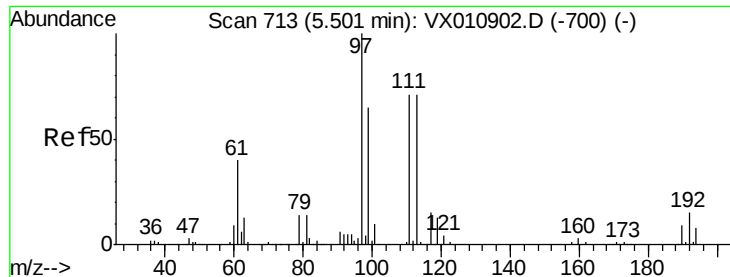
Tot Ion: 65 Resp: 114546
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010942.D
 Acq: 17 Jul 2019 17:39

Tgt Ion: 114 Resp: 307708
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.6
 88 14.8 0.0 29.8

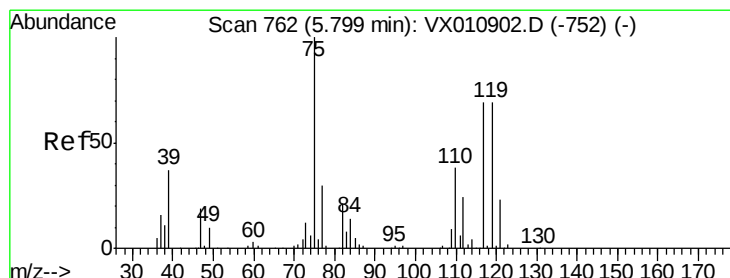
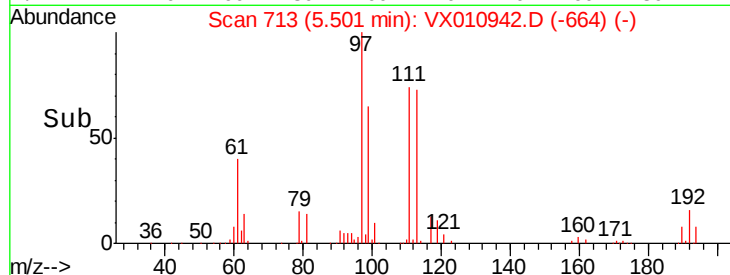
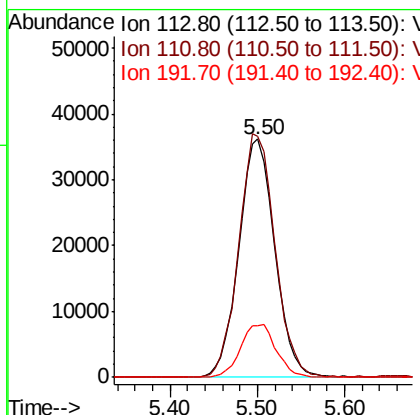
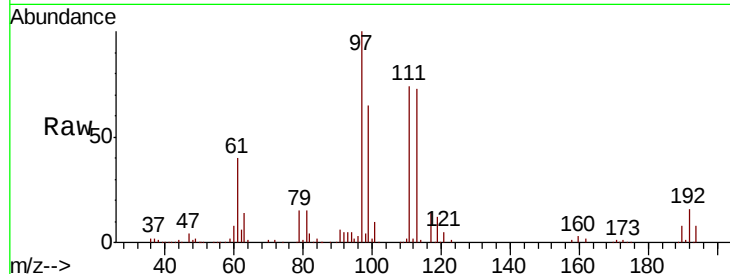




#35
 Dibromofluoromethane
 Concen: 52.939 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010942.D
 Acq: 17 Jul 2019 17:39

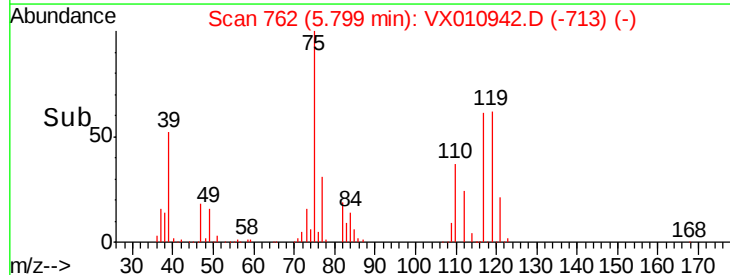
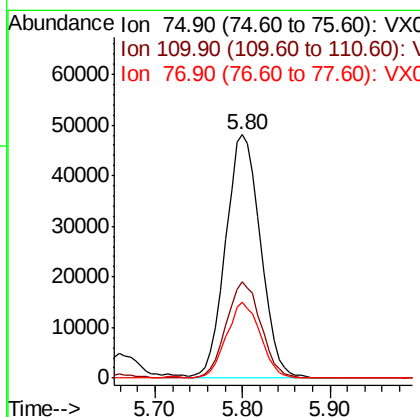
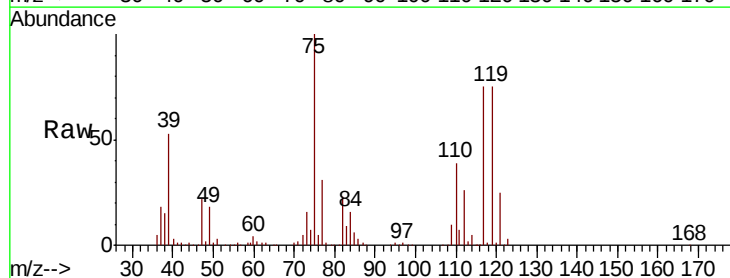
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190716MS

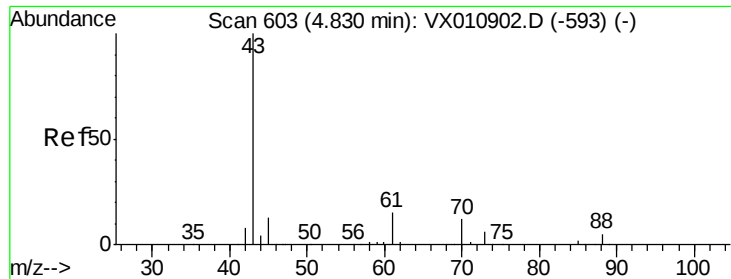
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.3	123.5
192	22.2	17.4	26.2



#36
 1,1-Dichloropropene
 Concen: 52.834 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010942.D
 Acq: 17 Jul 2019 17:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.0	19.9	59.7
77	30.5	25.0	37.4





#37

Ethyl Acetate

Concen: 54.184 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MS

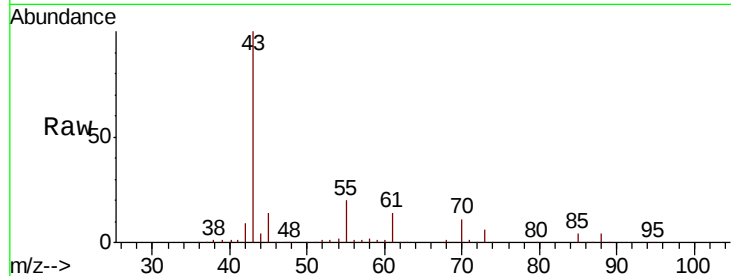
Tot Ion: 43 Resp: 140235

Ion Ratio Lower Upper

43 100

61 15.2 11.6 17.4

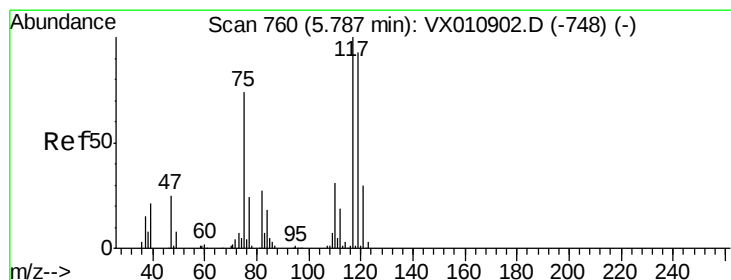
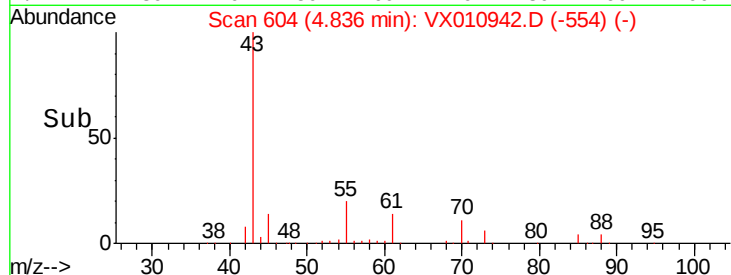
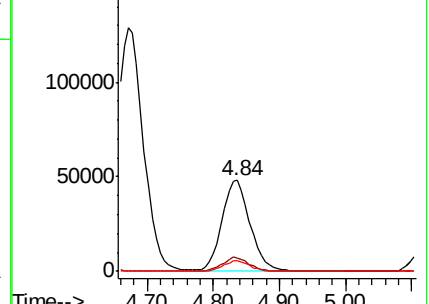
70 11.5 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 52.661 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

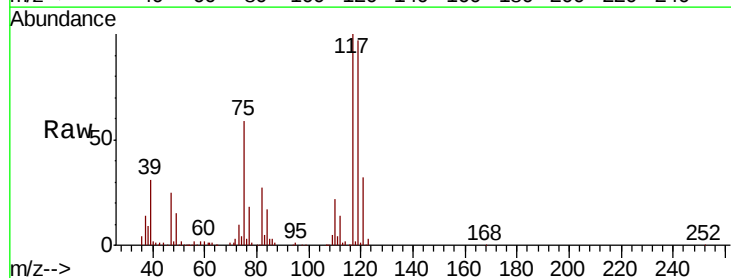
Tgt Ion: 117 Resp: 138699

Ion Ratio Lower Upper

117 100

119 97.2 74.2 111.2

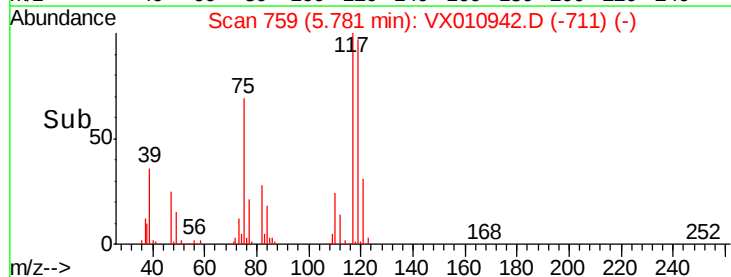
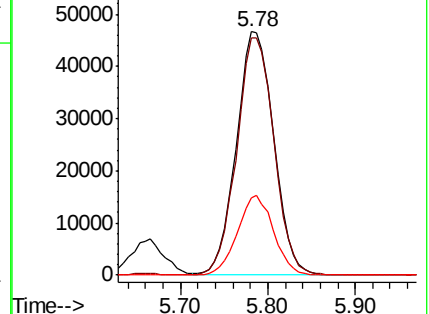
121 31.5 24.2 36.2

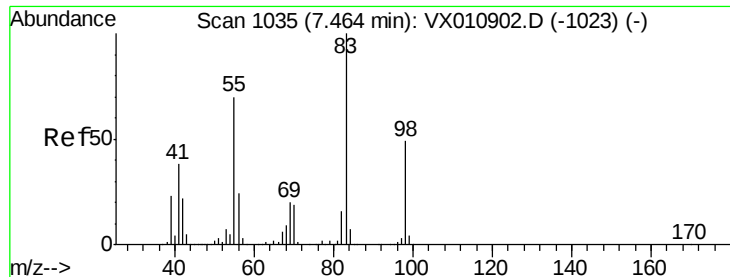


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

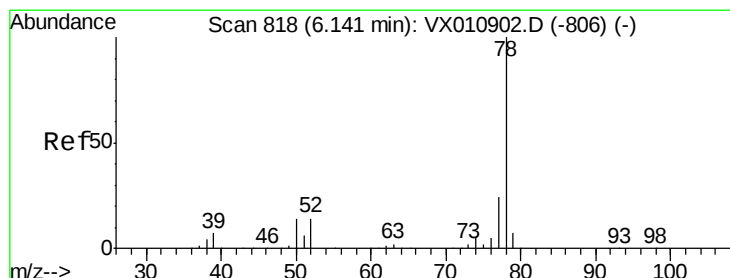
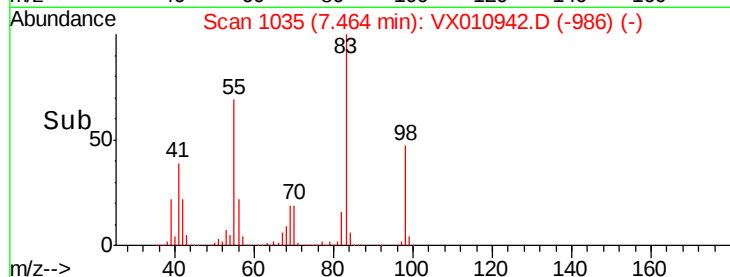
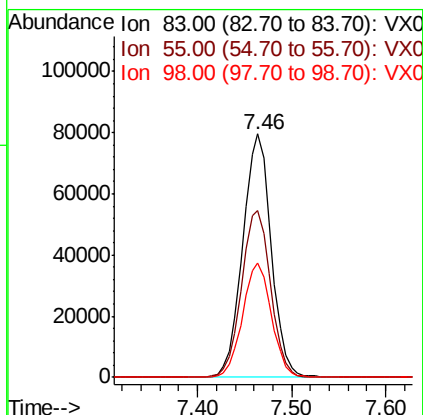
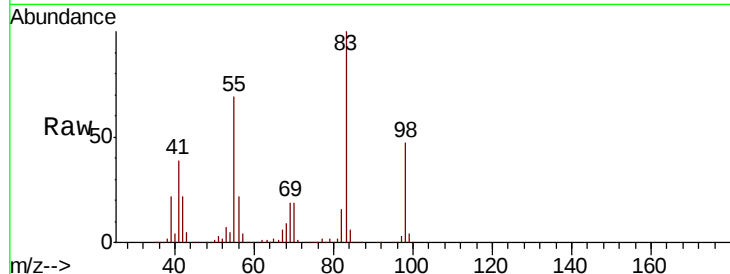




#39
Methvlcvclohexane
Concen: 51.543 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010942.D
Acq: 17 Jul 2019 17:39

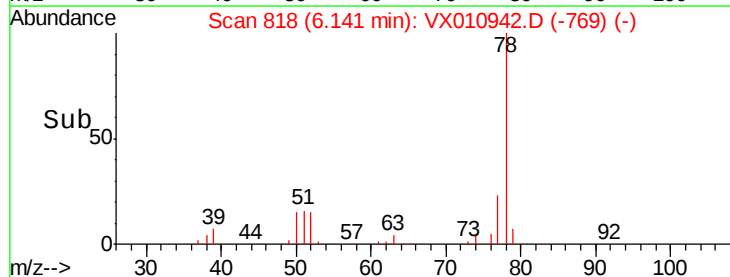
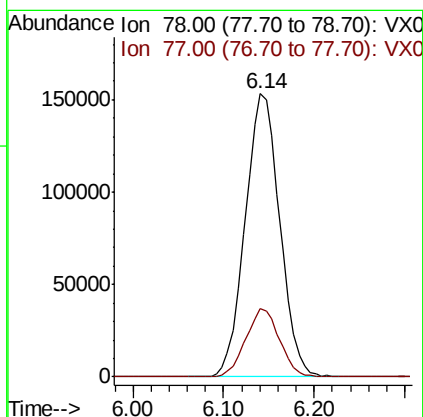
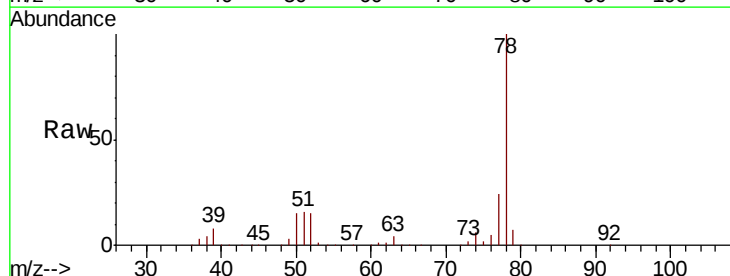
Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190716MS

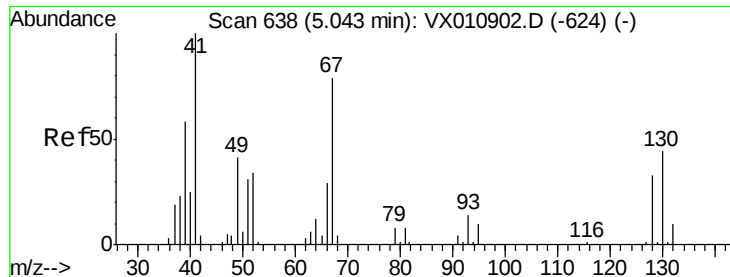
Tot Ion	83	Resp	168945
Ion Ratio	Lower	Upper	
83	100		
55	68.6	56.2	84.4
98	47.0	39.0	58.4



#40
Benzene
Concen: 52.224 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010942.D
Acq: 17 Jul 2019 17:39

Tgt Ion	78	Resp	404339
Ion Ratio	Lower	Upper	
78	100		
77	24.0	19.0	28.6

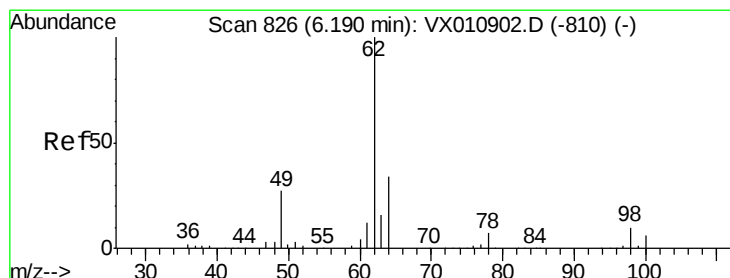
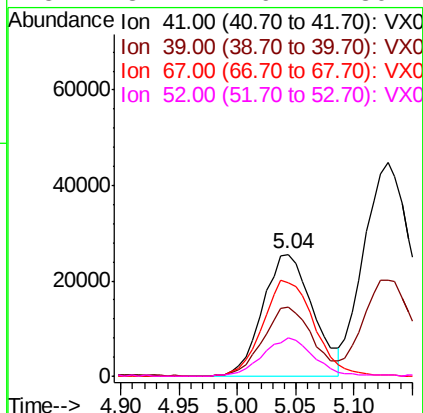
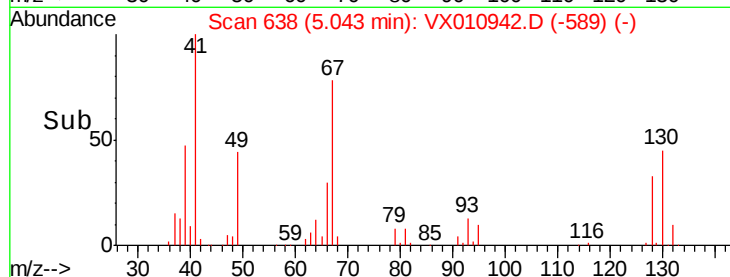
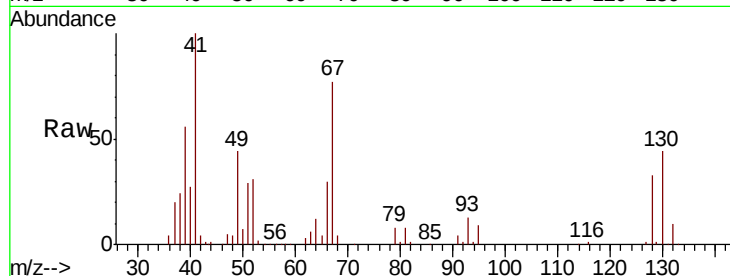




#41
Methacrylonitrile
Concen: 51.885 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010942.D
Acq: 17 Jul 2019 17:39

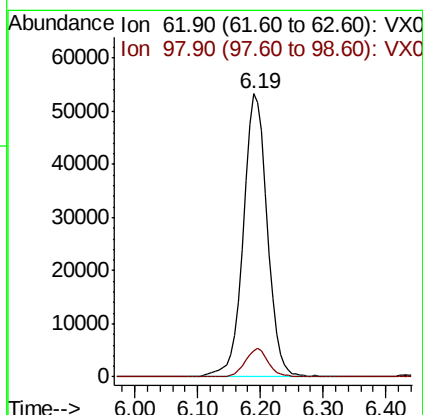
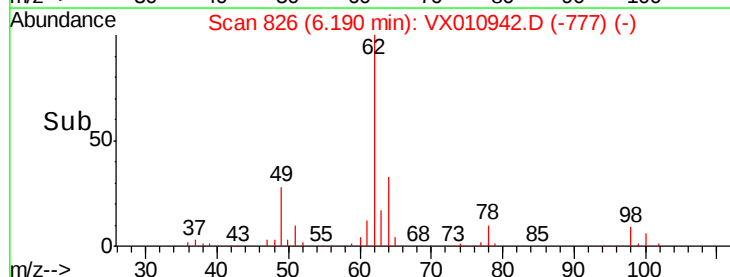
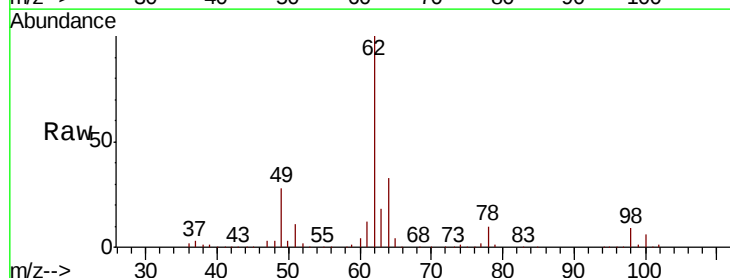
Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190716MS

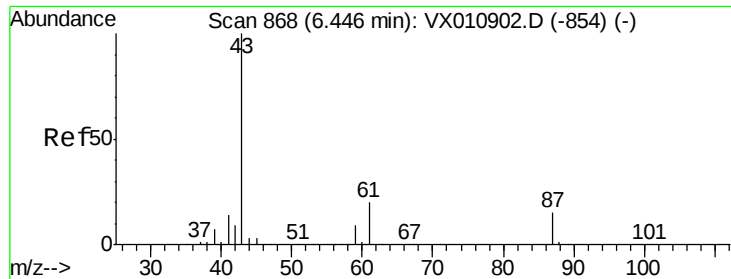
Tot Ion:	41	Resp:	76231
Ion	Ratio	Lower	Upper
41	100		
39	54.2	45.4	68.2
67	81.1	65.9	98.9
52	32.4	26.2	39.2



#42
1,2-Dichloroethane
Concen: 52.030 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010942.D
Acq: 17 Jul 2019 17:39

Tgt Ion:	62	Resp:	140064
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.0





#43

Isopropyl Acetate

Concen: 52.708 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MS

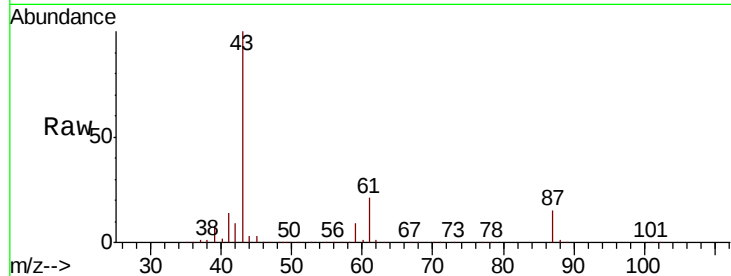
Tot Ion: 43 Resp: 224308

Ion Ratio Lower Upper

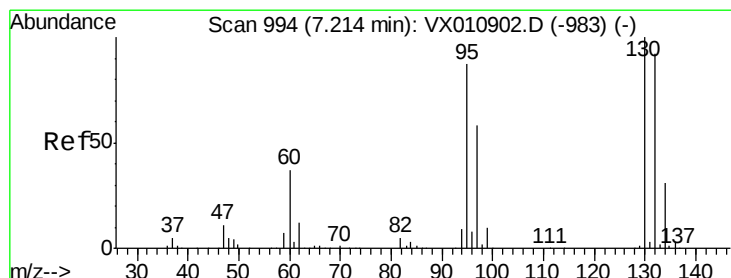
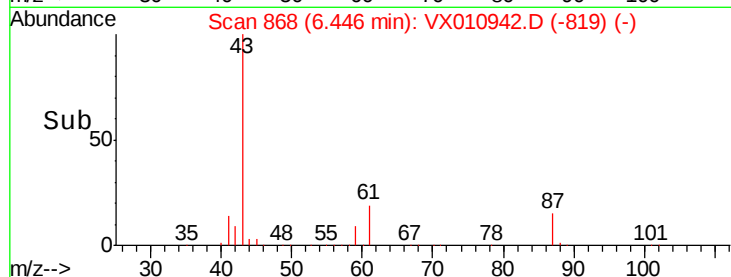
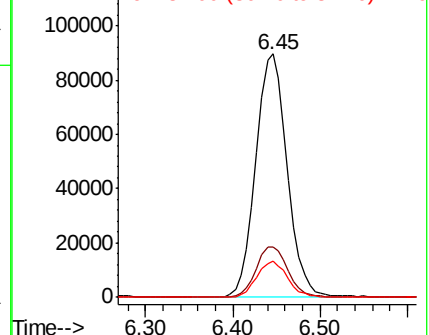
43 100

61 21.1 17.1 25.7

87 14.7 12.0 18.0



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



#44

Trichloroethene

Concen: 51.041 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010942.D

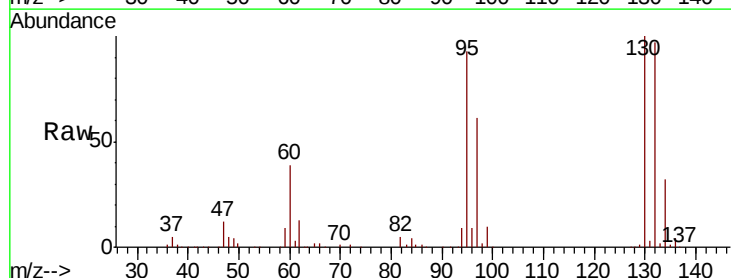
Acq: 17 Jul 2019 17:39

Tgt Ion:130 Resp: 116975

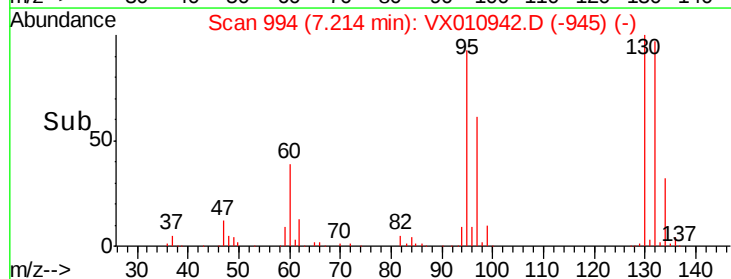
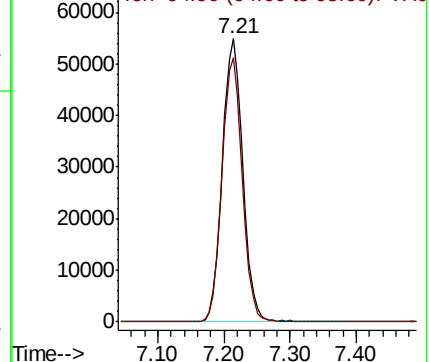
Ion Ratio Lower Upper

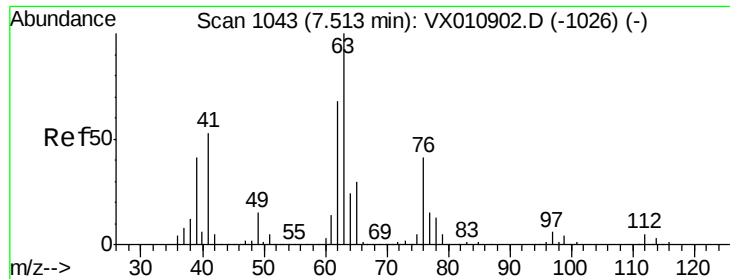
130 100

95 93.4 0.0 174.8



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





#45

1,2-Dichloropropane

Concen: 52.124 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

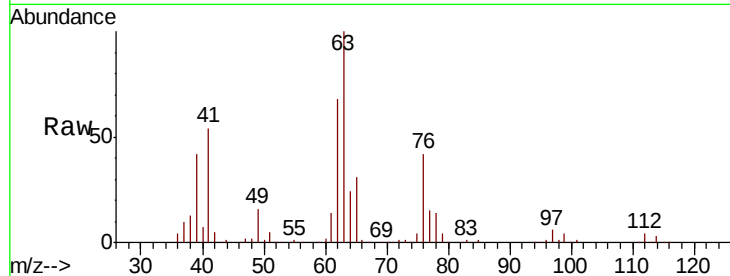
SS050MW641-190716MS

Tot Ion: 63 Resp: 102715

Ion Ratio Lower Upper

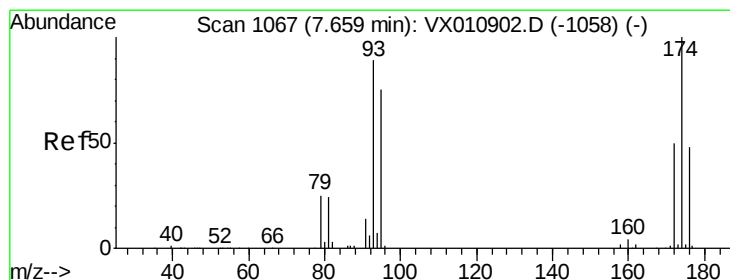
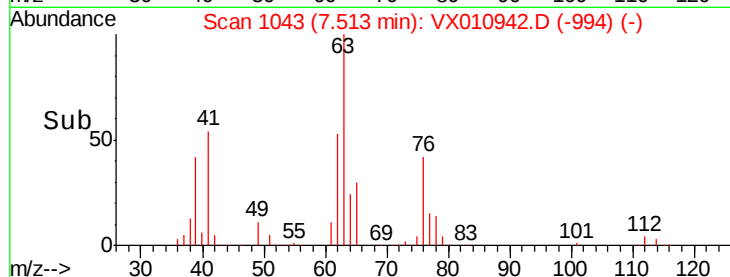
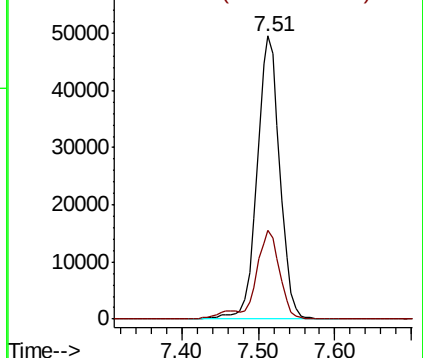
63 100

65 31.3 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 53.509 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

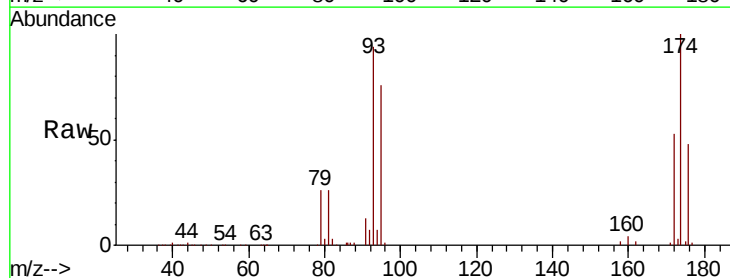
Tgt Ion: 93 Resp: 75346

Ion Ratio Lower Upper

93 100

95 82.6 67.2 100.8

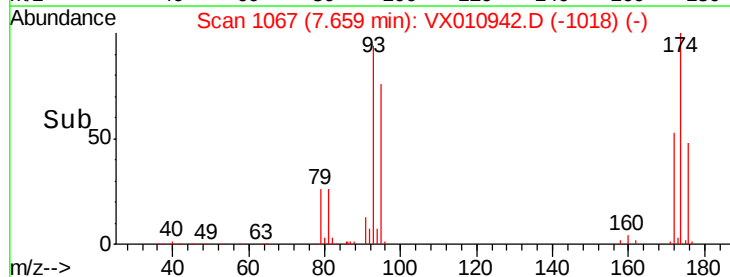
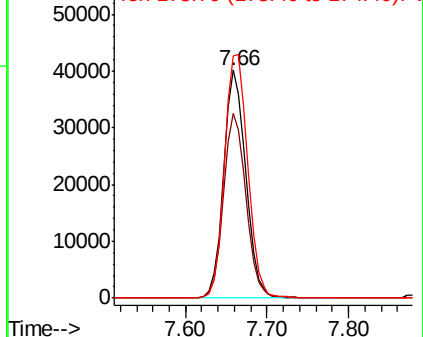
174 111.9 90.6 135.8

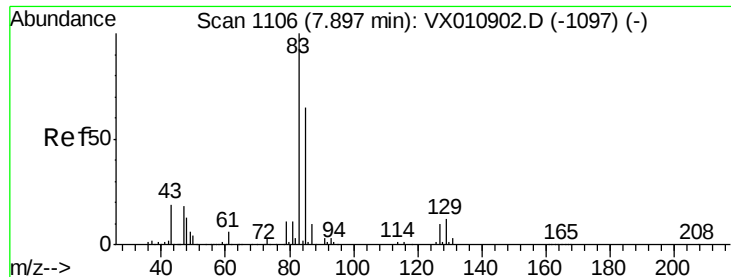


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.145 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MS

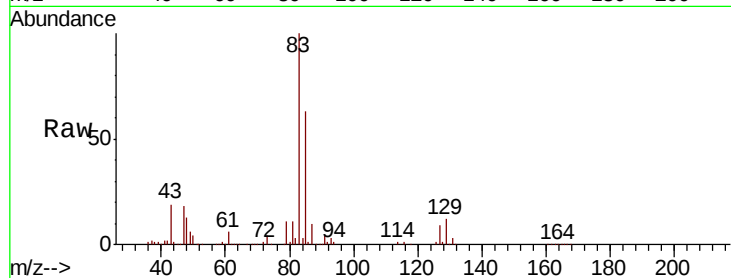
Tot Ion: 83 Resp: 135717

Ion Ratio Lower Upper

83 100

85 63.3 52.5 78.7

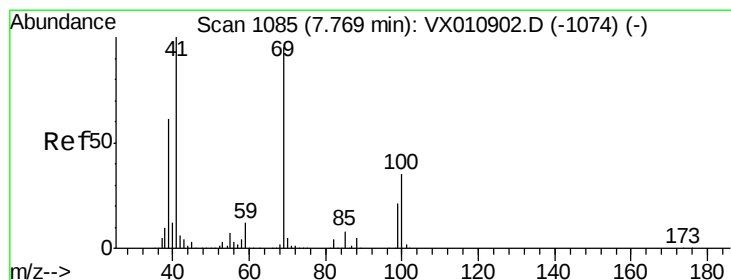
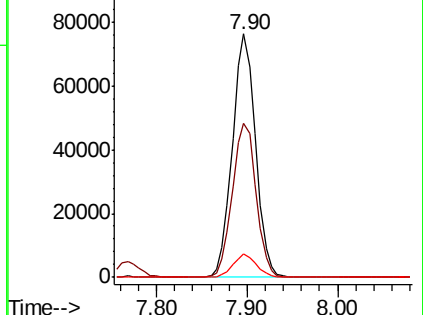
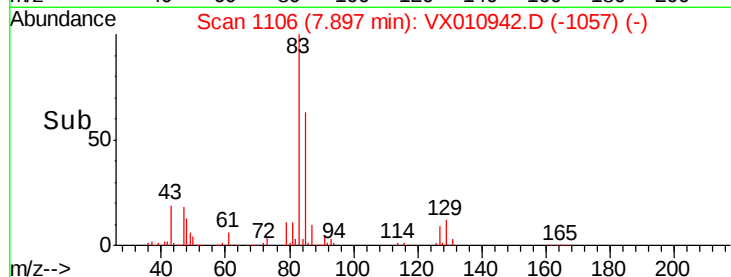
127 9.4 7.8 11.8



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: 53.449 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

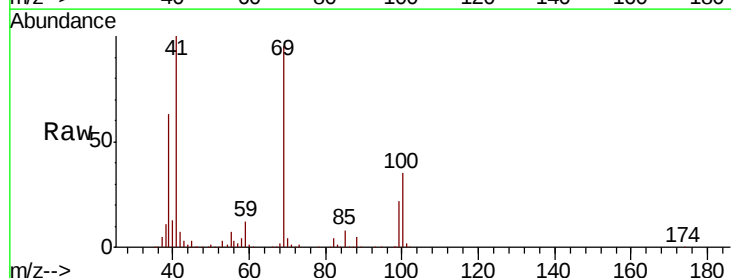
Tgt Ion: 41 Resp: 110807

Ion Ratio Lower Upper

41 100

69 90.4 74.4 111.6

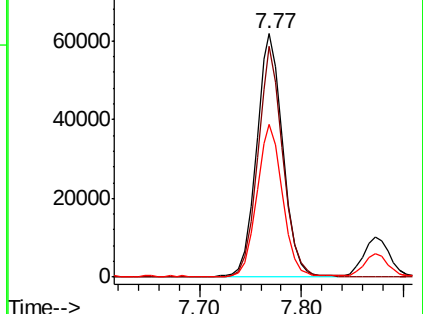
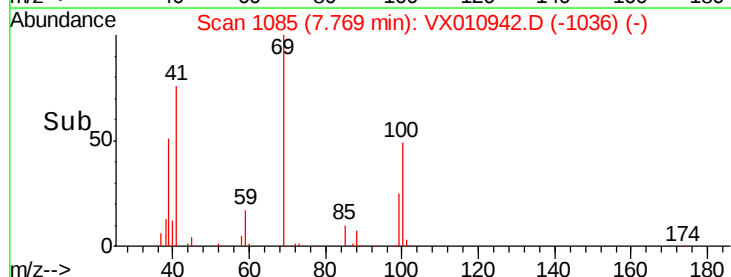
39 61.0 48.9 73.3

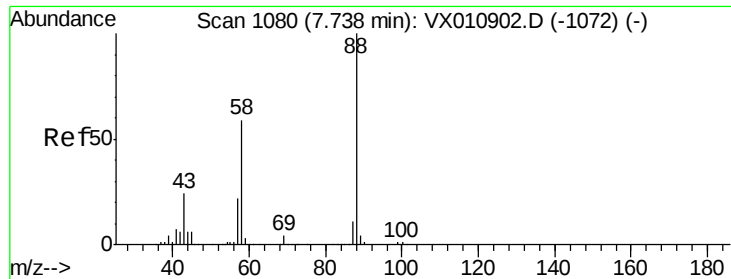


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

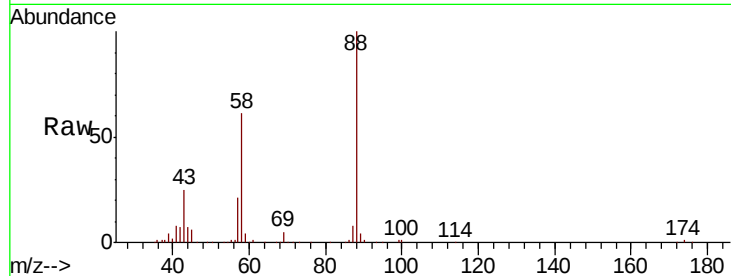




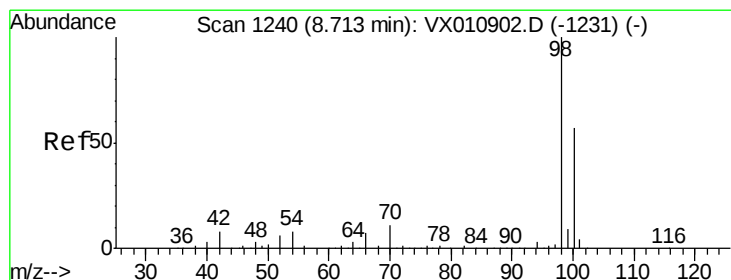
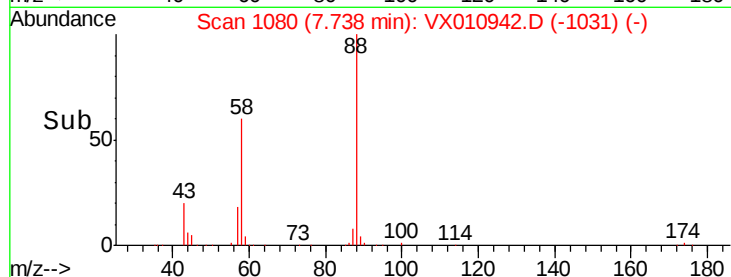
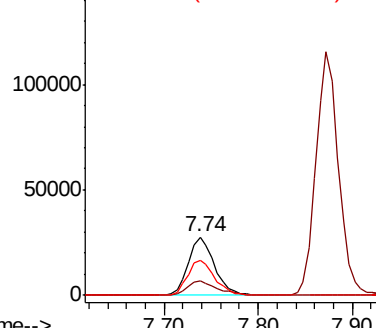
#49
1,4-Dioxane
Concen: 919.301 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010942.D
Acq: 17 Jul 2019 17:39

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190716MS

Tot Ion: 88 Resp: 53311
Ion Ratio Lower Upper
88 100
43 29.6 22.9 34.3
58 63.2 49.8 74.8

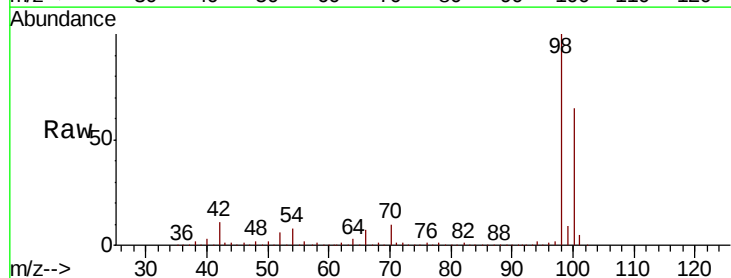


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

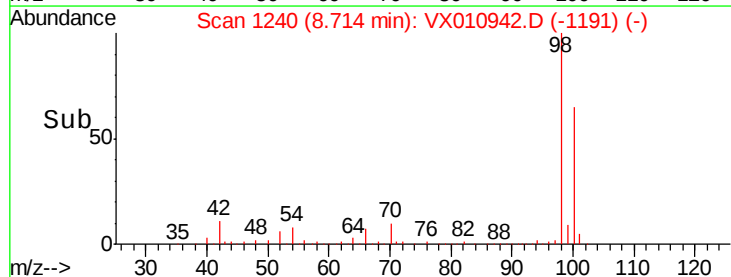
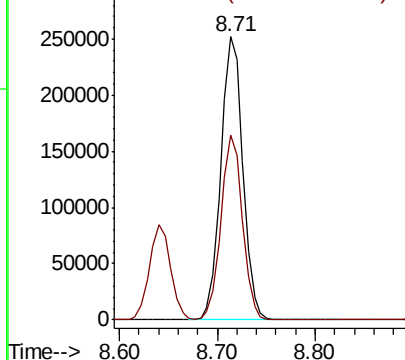


#50
Toluene-d8
Concen: 53.608 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010942.D
Acq: 17 Jul 2019 17:39

Tgt Ion: 98 Resp: 392698
Ion Ratio Lower Upper
98 100
100 63.7 50.6 75.8



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

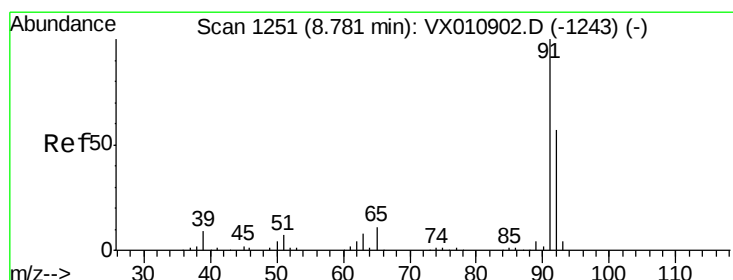
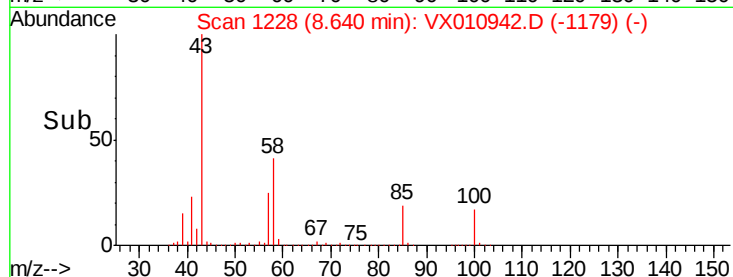
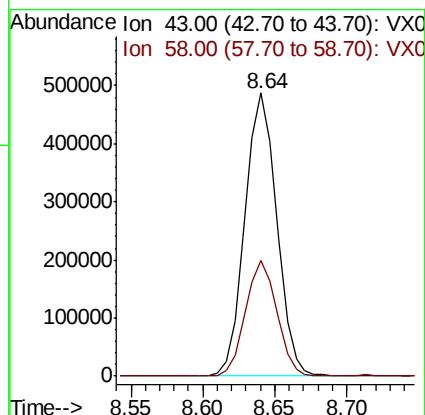
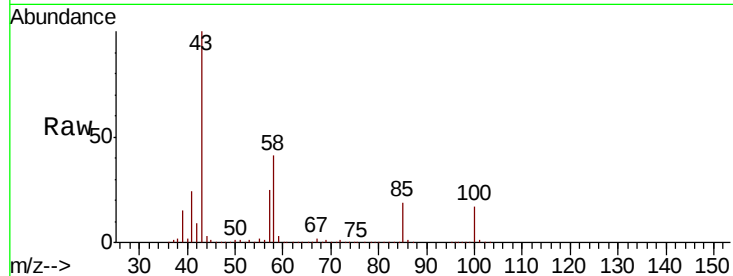




#51
4-Methyl-2-Pentanone
Concen: 270.695 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010942.D
Acq: 17 Jul 2019 17:39

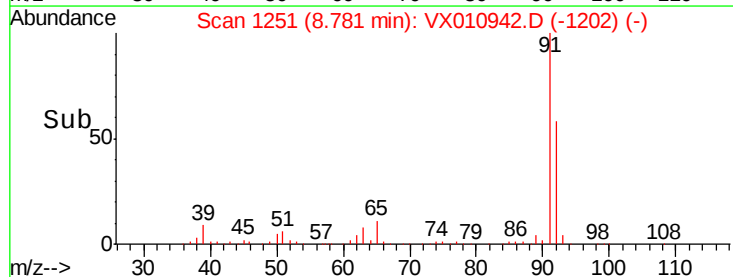
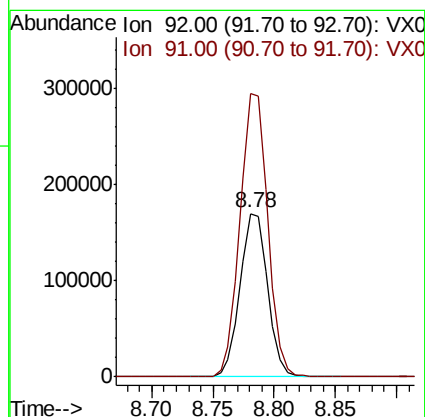
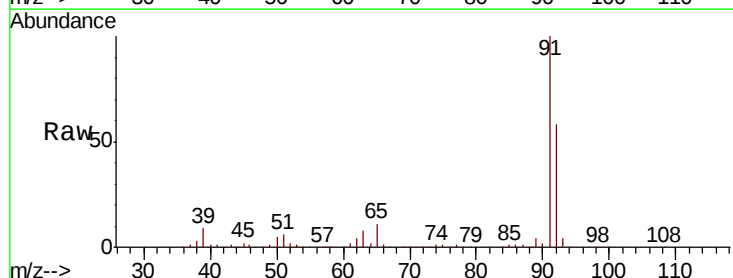
Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190716MS

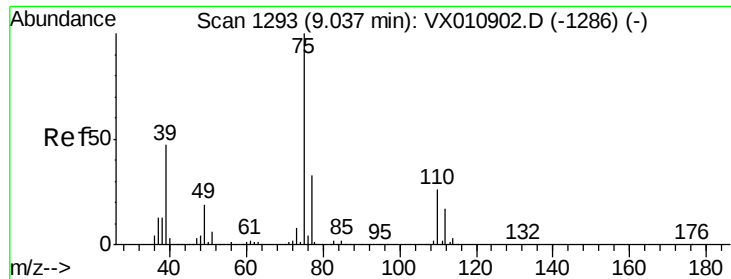
Tot Ion: 43 Resp: 746763
Ion Ratio Lower Upper
43 100
58 40.2 32.2 48.4



#52
Toluene
Concen: 51.808 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX010942.D
Acq: 17 Jul 2019 17:39

Tgt Ion: 92 Resp: 263504
Ion Ratio Lower Upper
92 100
91 175.8 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 53.776 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

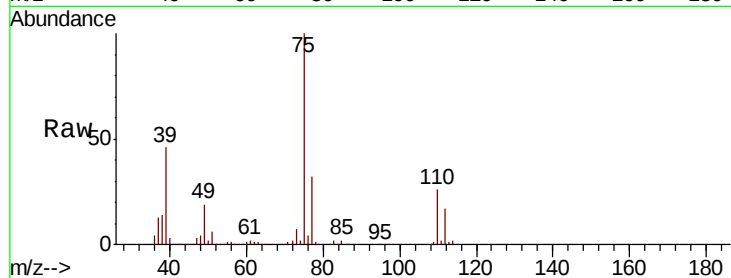
SS050MW641-190716MS

Tot Ion: 75 Resp: 144937

Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

100000

80000

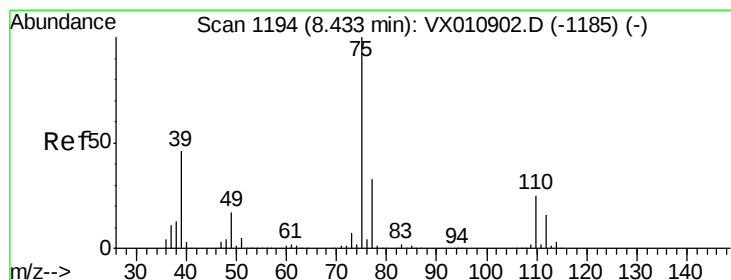
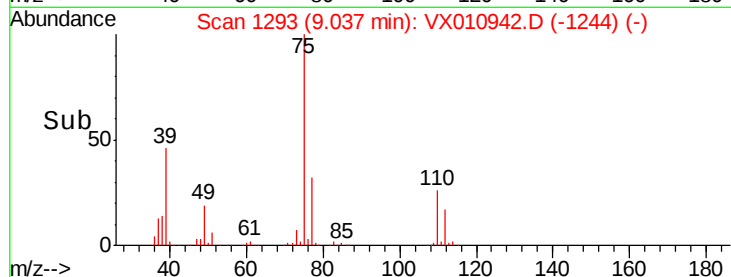
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 53.029 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

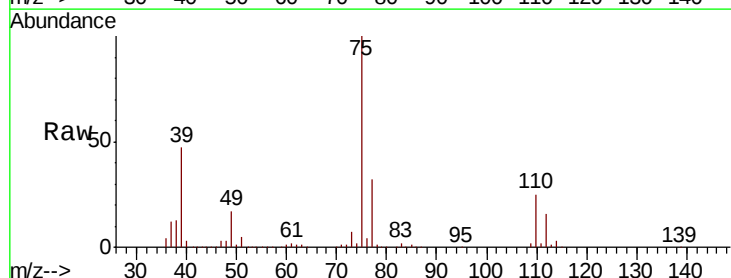
Tgt Ion: 75 Resp: 159034

Ion Ratio Lower Upper

75 100

77 31.7 26.1 39.1

39 47.0 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

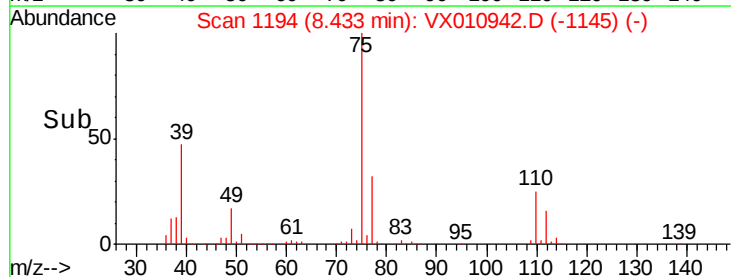
8.43

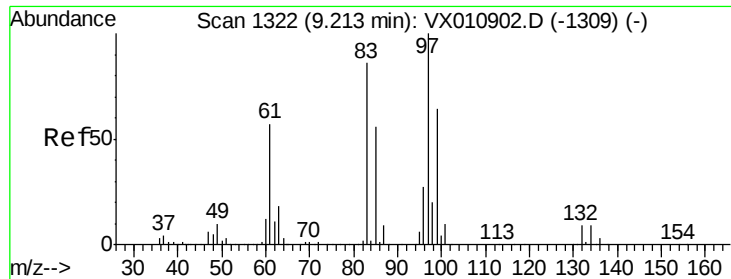
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 52.629 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MS

Tot Ion: 97 Resp: 110216

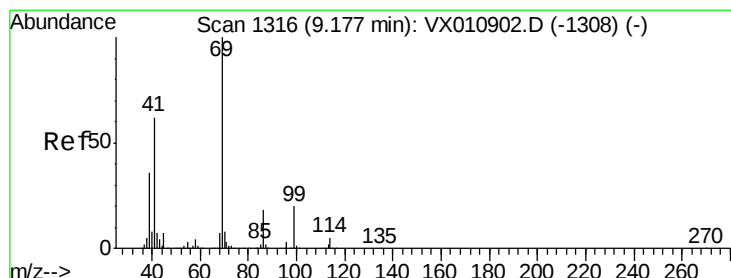
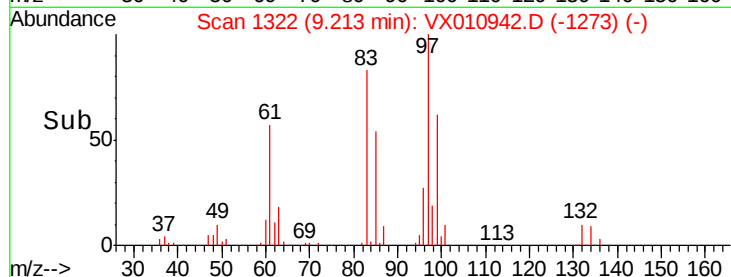
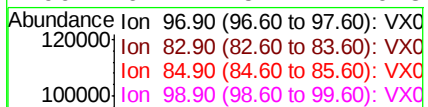
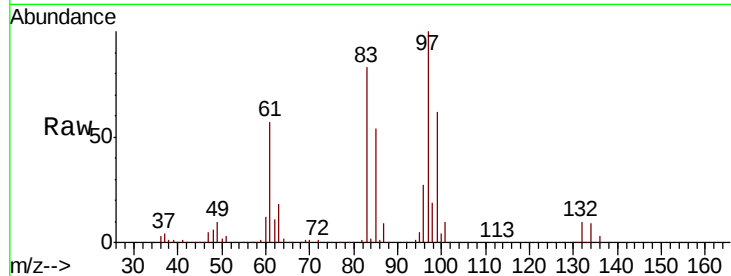
Ion Ratio Lower Upper

97 100

83 82.8 69.2 103.8

85 54.3 44.6 66.8

99 62.2 51.2 76.8



#56

Ethyl methacrylate

Concen: 55.233 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

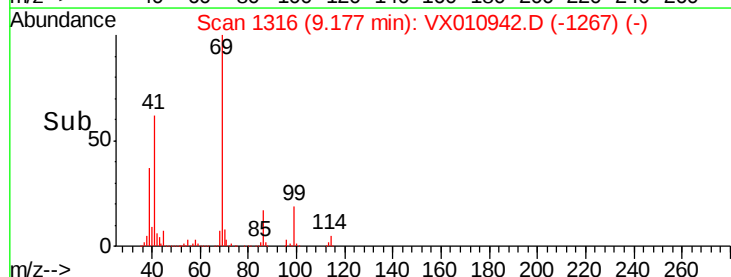
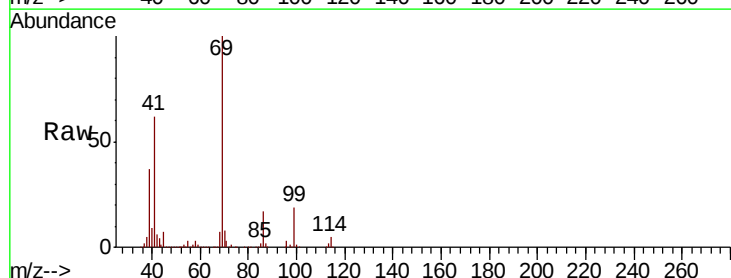
Tgt Ion: 69 Resp: 169197

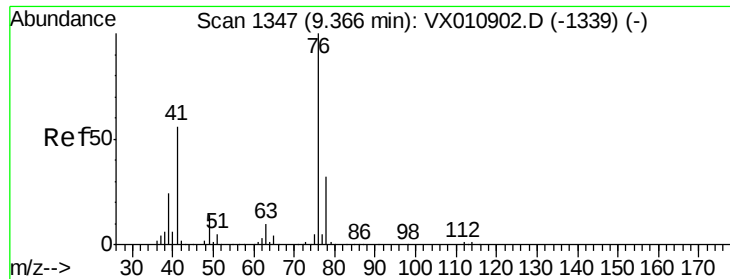
Ion Ratio Lower Upper

69 100

41 62.4 49.7 74.5

39 37.4 29.6 44.4





#57

1,3-Dichloropropane

Concen: 52.277 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

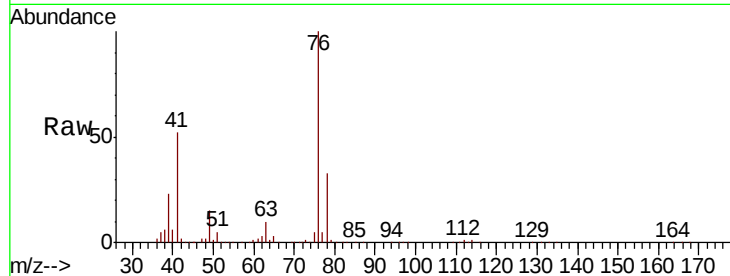
SS050MW641-190716MS

Tot Ion: 76 Resp: 173675

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

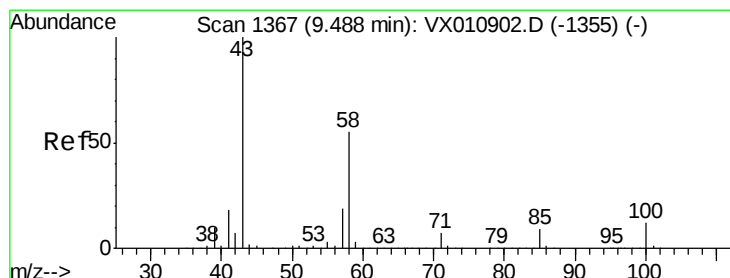
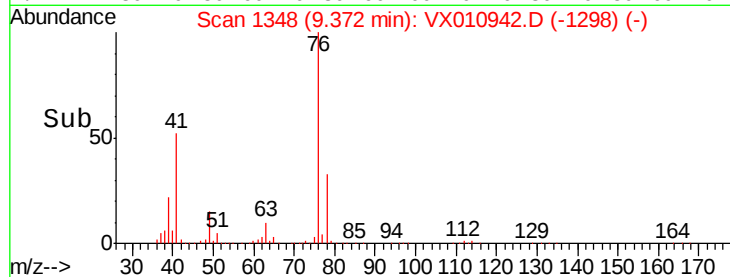
9.37

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 274.654 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VX010942.D

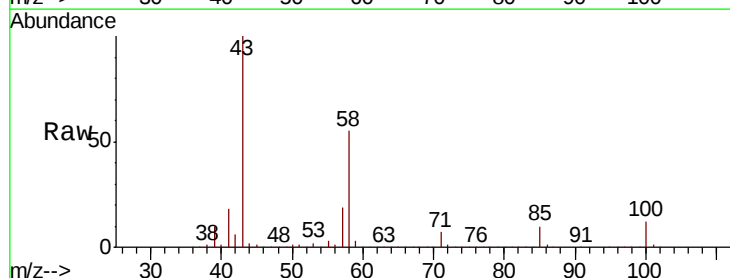
Acq: 17 Jul 2019 17:39

Tgt Ion: 43 Resp: 587673

Ion Ratio Lower Upper

43 100

58 55.4 28.0 83.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

500000

400000

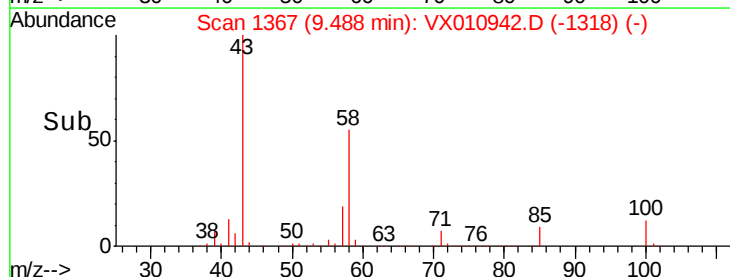
300000

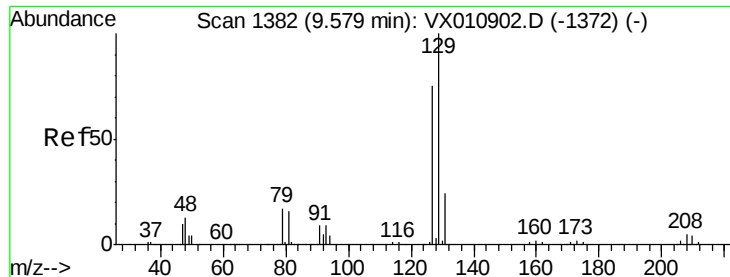
200000

100000

0

Time-->

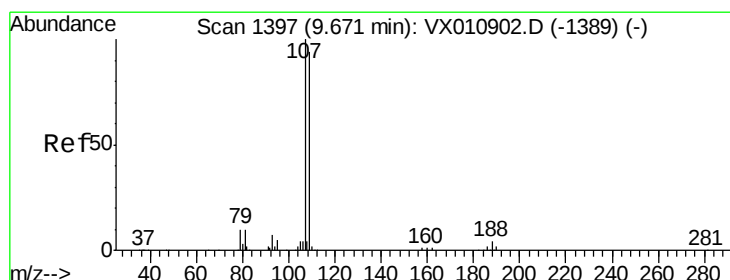
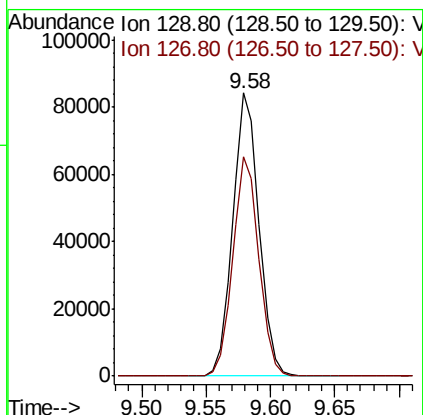
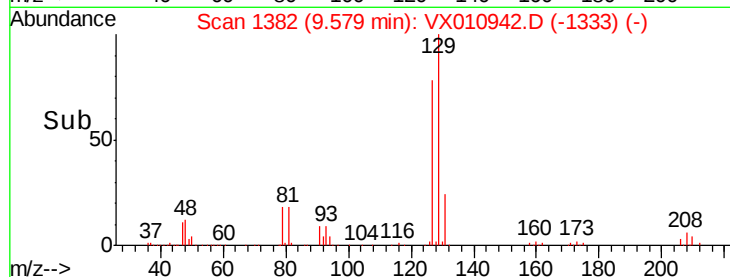
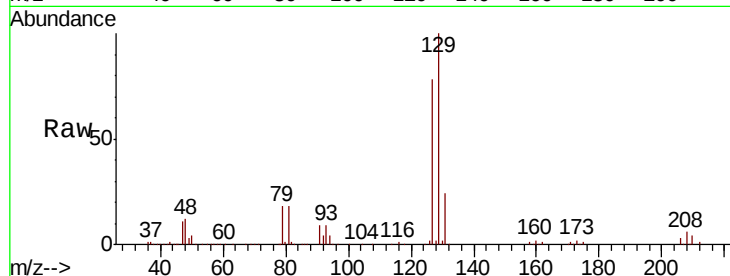




#60
Dibromochloromethane
Concen: 49.478 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010942.D
Acq: 17 Jul 2019 17:39

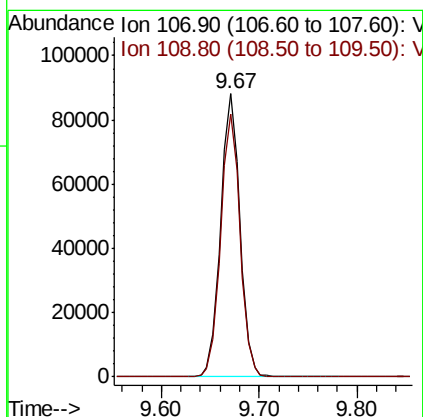
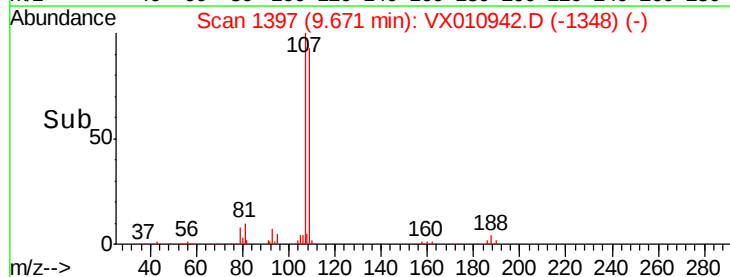
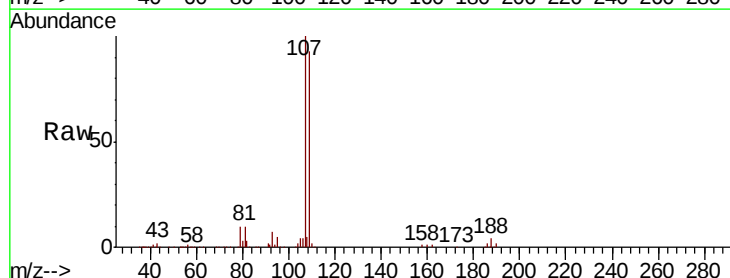
Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190716MS

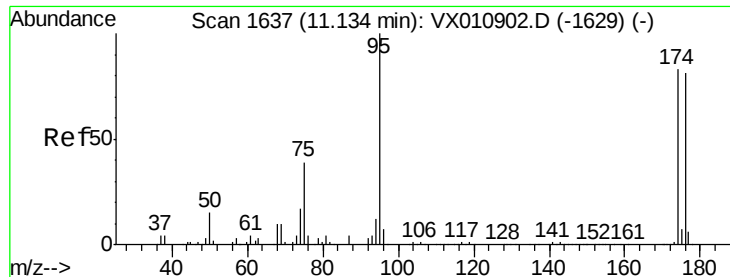
Tot Ion:129 Resp: 119184
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8



#61
1,2-Dibromoethane
Concen: 54.222 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VX010942.D
Acq: 17 Jul 2019 17:39

Tgt Ion:107 Resp: 120510
Ion Ratio Lower Upper
107 100
109 93.5 75.4 113.0





#62

4-Bromofluorobenzene

Concen: 54.559 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MS

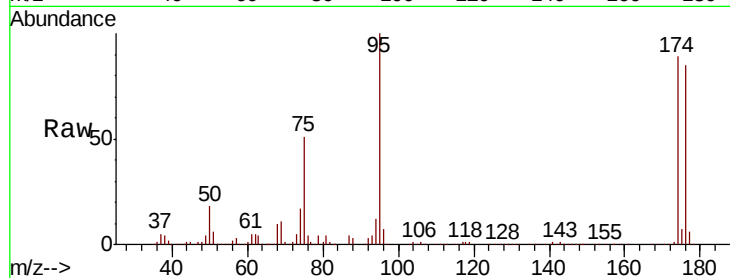
Tot Ion: 95 Resp: 146903

Ion Ratio Lower Upper

95 100

174 91.1 0.0 180.6

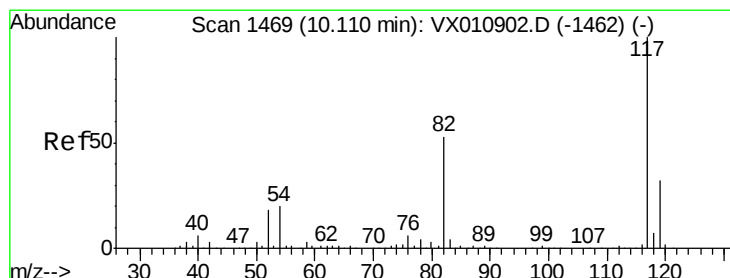
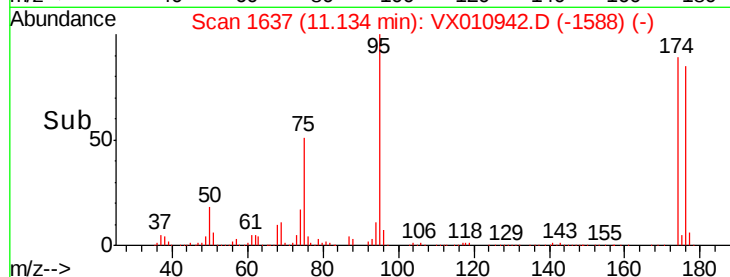
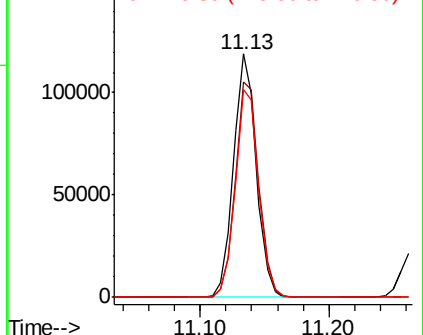
176 87.6 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

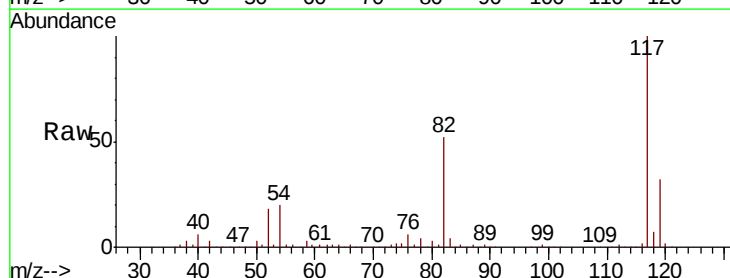
Tgt Ion: 117 Resp: 285267

Ion Ratio Lower Upper

117 100

82 52.3 42.6 63.8

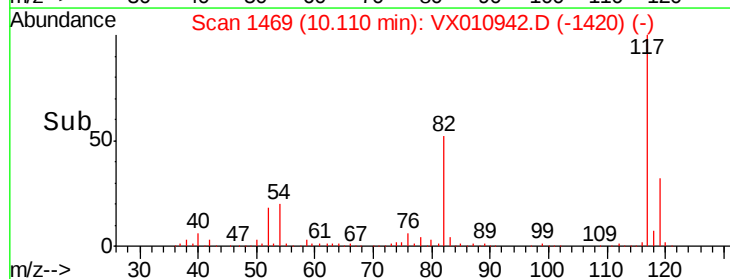
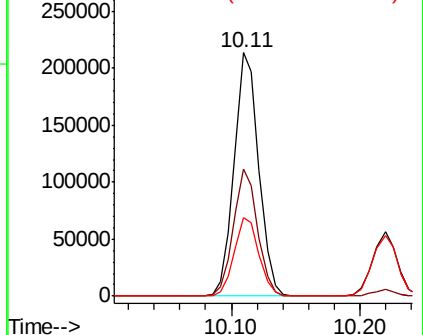
119 32.1 25.9 38.9

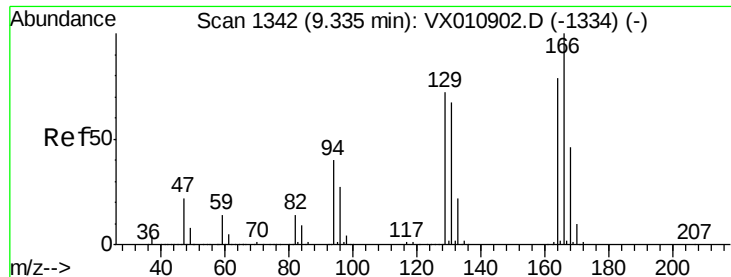


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 48.185 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MS

Tot Ion:164 Resp: 108133

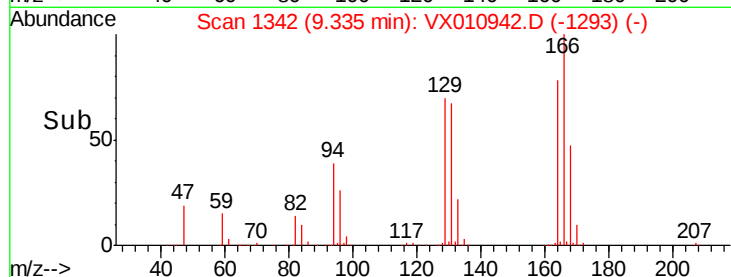
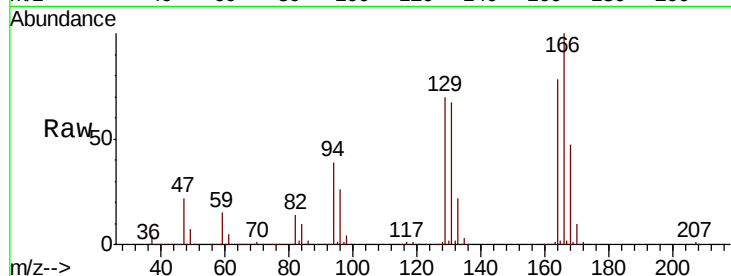
Ion Ratio Lower Upper

164 100

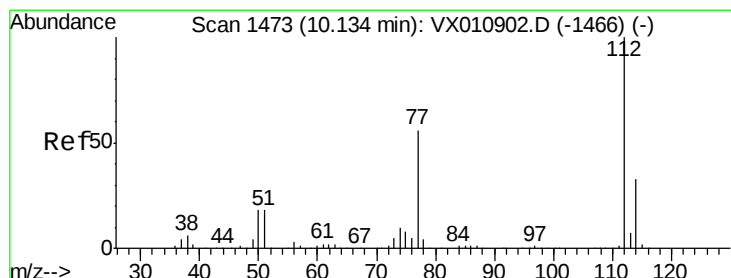
166 128.9 100.8 151.2

129 89.8 72.6 109.0

131 86.8 67.7 101.5



Time-->



#65

Chlorobenzene

Concen: 51.094 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010942.D

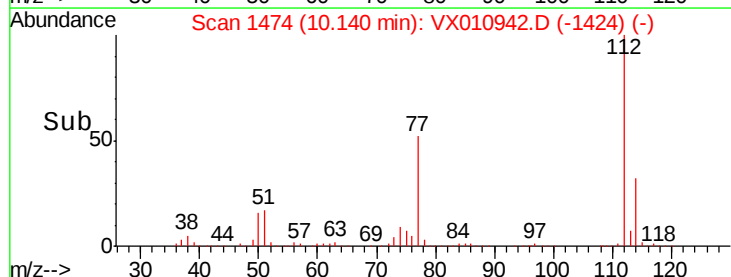
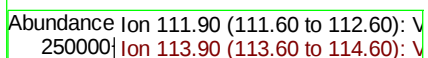
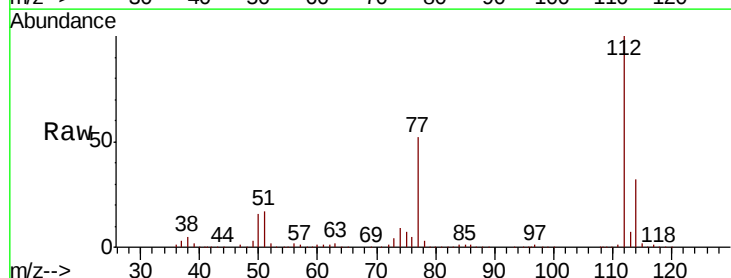
Acq: 17 Jul 2019 17:39

Tgt Ion:112 Resp: 299369

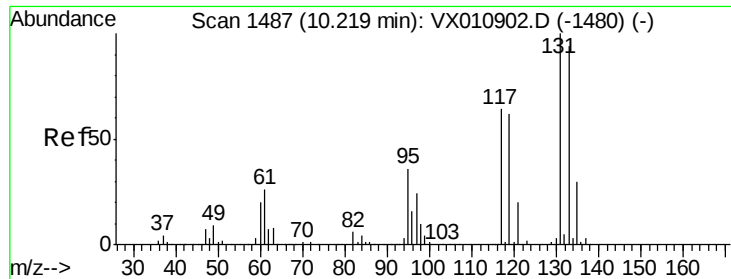
Ion Ratio Lower Upper

112 100

114 32.2 26.2 39.4



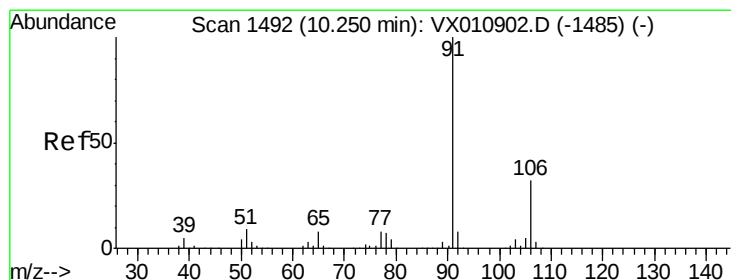
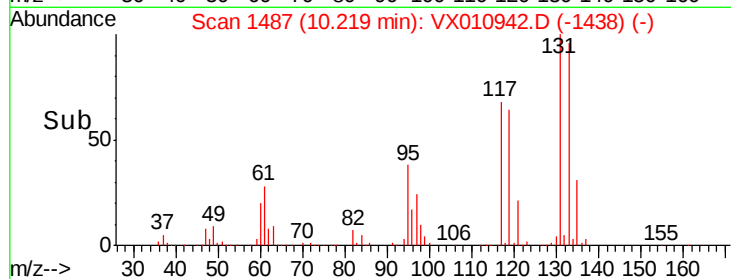
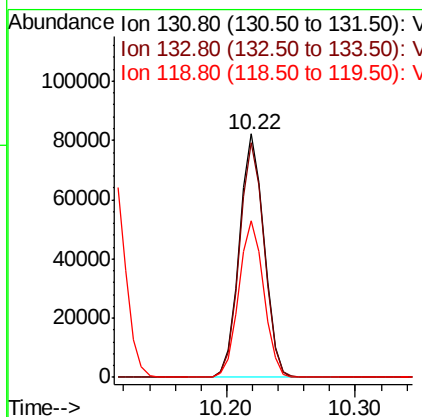
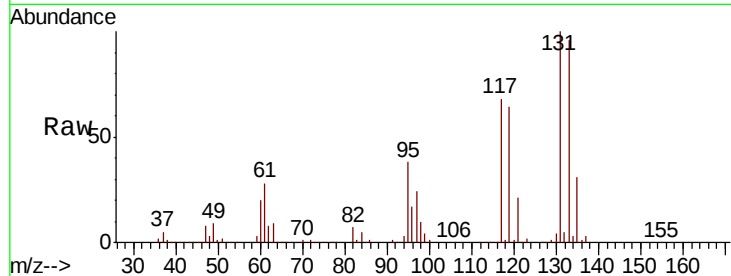
Time-->



#66
 1,1,1,2-Tetrachloroethane
 Concen: 53.076 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX010942.D
 Acq: 17 Jul 2019 17:39

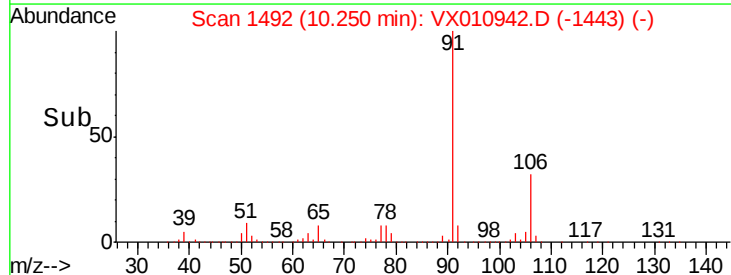
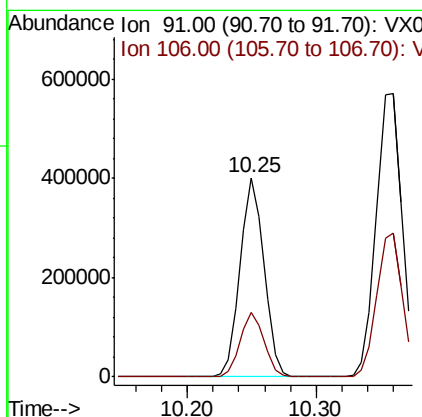
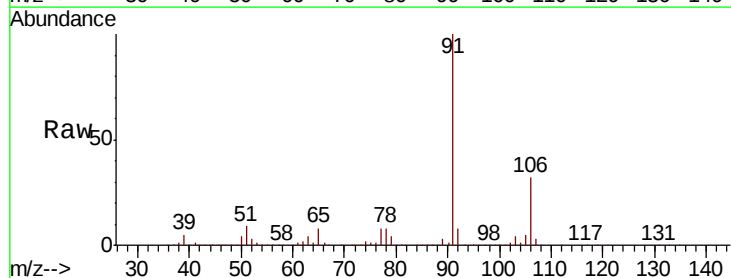
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190716MS

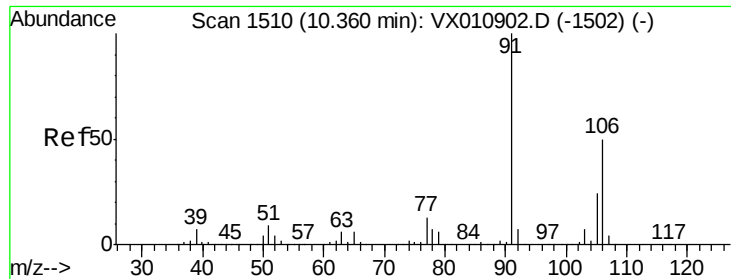
Tot Ion:131 Resp: 109295
 Ion Ratio Lower Upper
 131 100
 133 96.2 47.1 141.4
 119 65.0 31.9 95.7



#67
 Ethyl Benzene
 Concen: 52.010 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX010942.D
 Acq: 17 Jul 2019 17:39

Tgt Ion: 91 Resp: 518691
 Ion Ratio Lower Upper
 91 100
 106 32.5 25.4 38.2

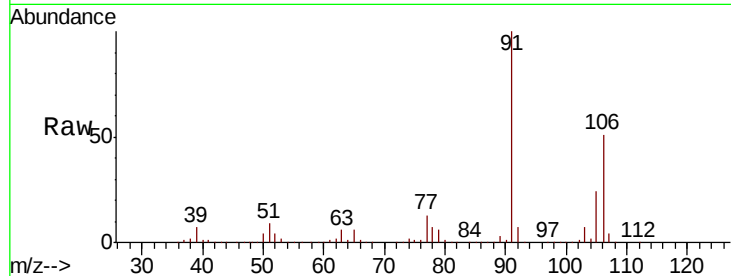




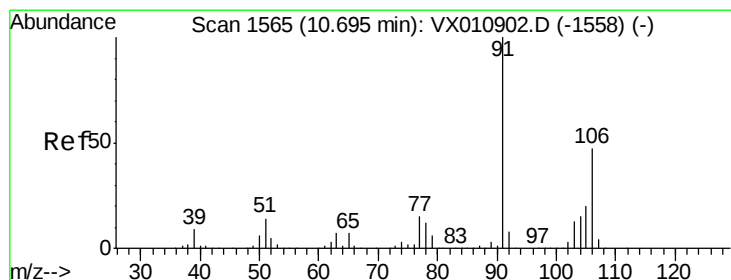
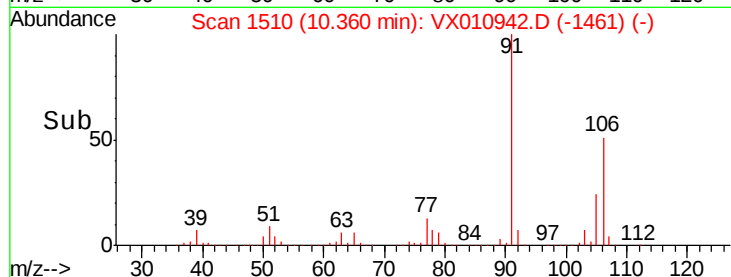
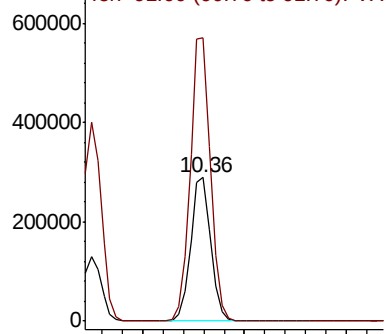
#68
m/p-Xvlenes
Concen: 103.972 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010942.D
Acq: 17 Jul 2019 17:39

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190716MS

Tot Ion:106 Resp: 397751
Ion Ratio Lower Upper
106 100
91 199.5 160.1 240.1

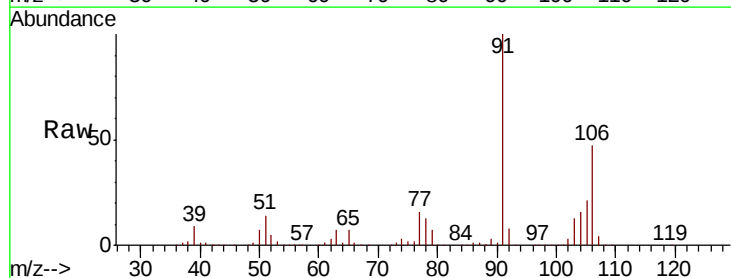


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

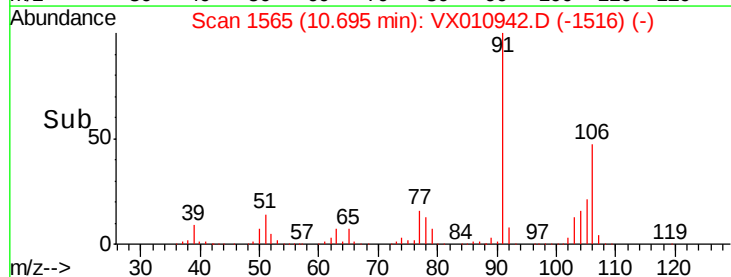
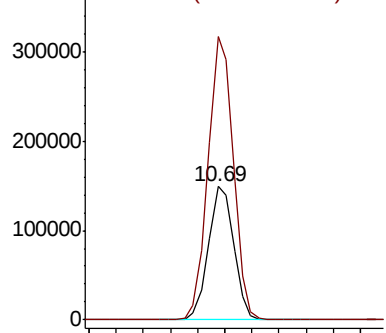


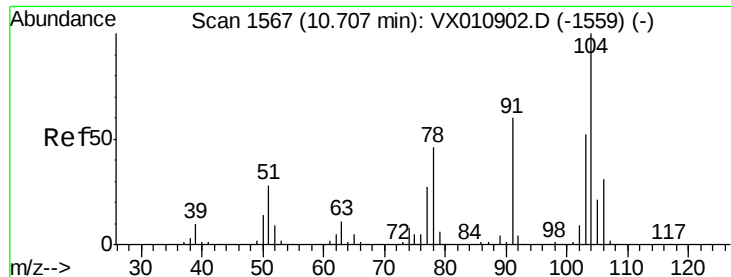
#69
o-Xylene
Concen: 52.091 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010942.D
Acq: 17 Jul 2019 17:39

Tgt Ion:106 Resp: 194486
Ion Ratio Lower Upper
106 100
91 210.9 105.1 315.3



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





#70

Stvrene

Concen: 53.859 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MS

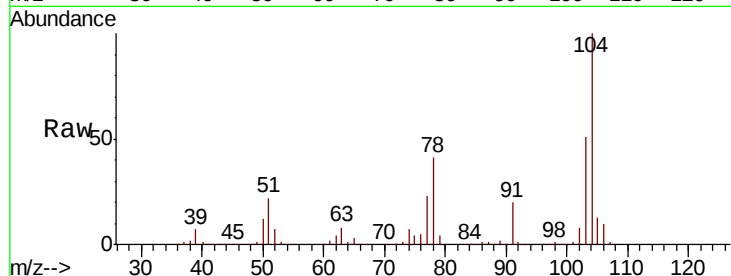
Tot Ion:104 Resp: 335212

Ion Ratio Lower Upper

104 100

78 48.5 38.8 58.2

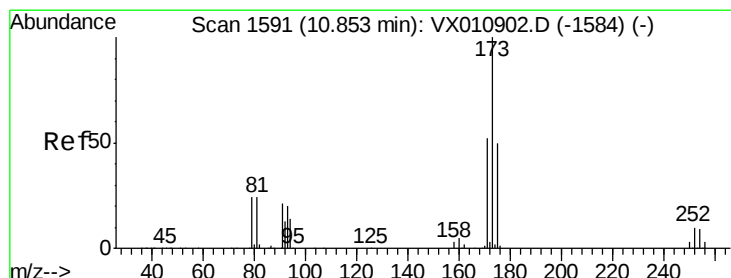
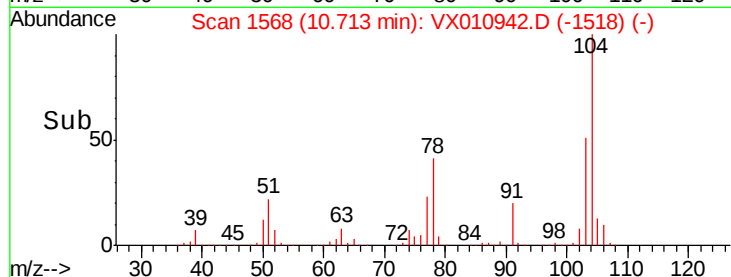
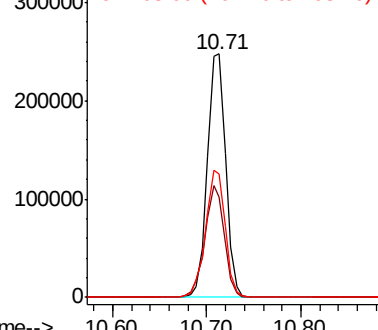
103 55.6 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 48.000 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

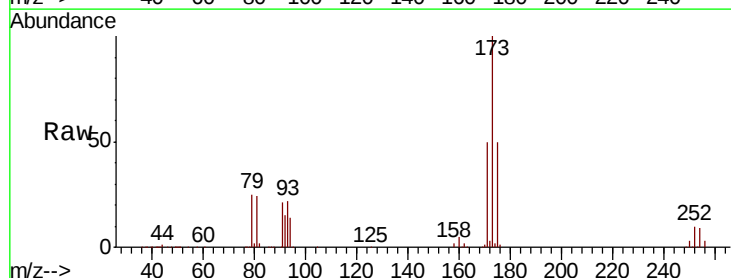
Tgt Ion:173 Resp: 89797

Ion Ratio Lower Upper

173 100

175 48.1 24.6 73.6

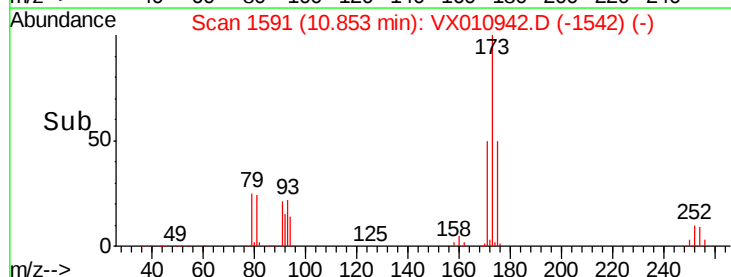
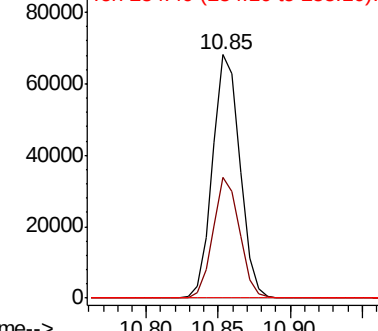
254 0.1 0.1 0.1

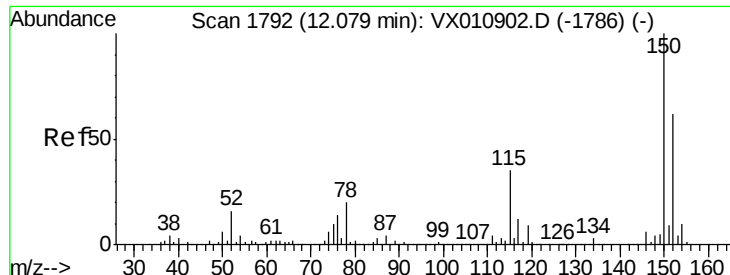


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MS

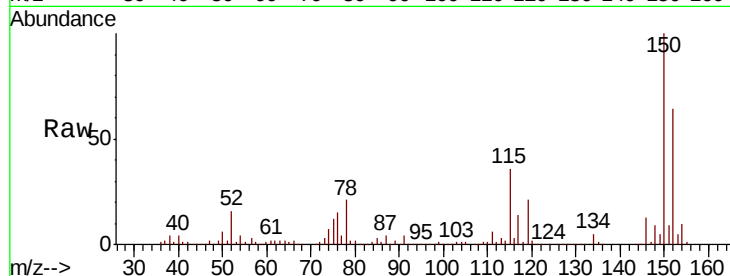
Tot Ion:152 Resp: 151276

Ion Ratio Lower Upper

152 100

115 80.0 39.7 119.1

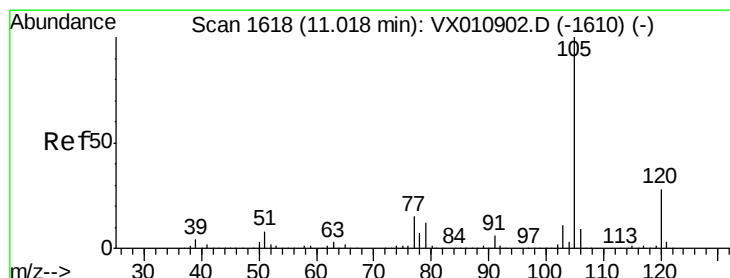
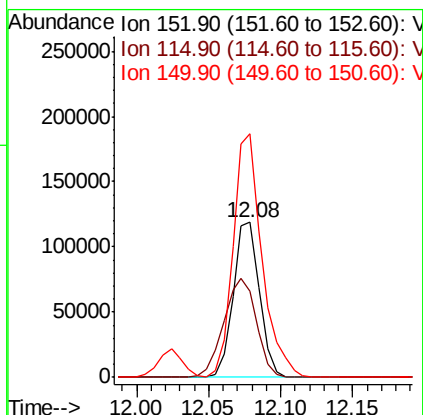
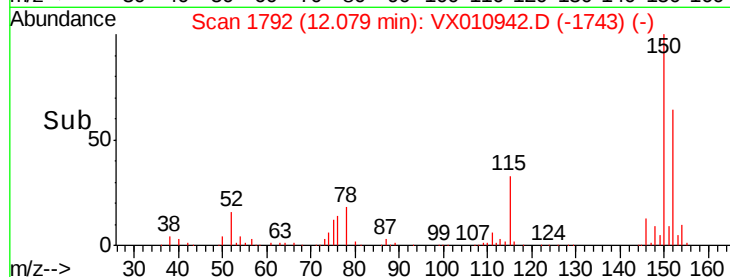
150 172.7 0.0 345.6



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: 51.423 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010942.D

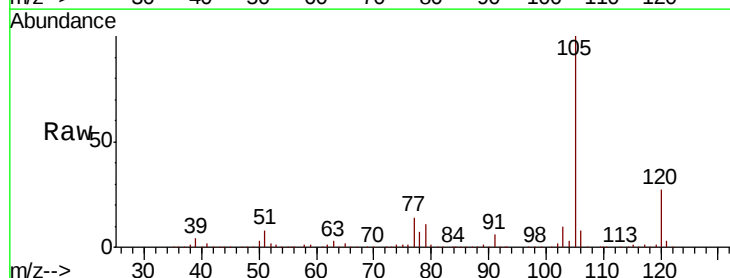
Acq: 17 Jul 2019 17:39

Tgt Ion:105 Resp: 525635

Ion Ratio Lower Upper

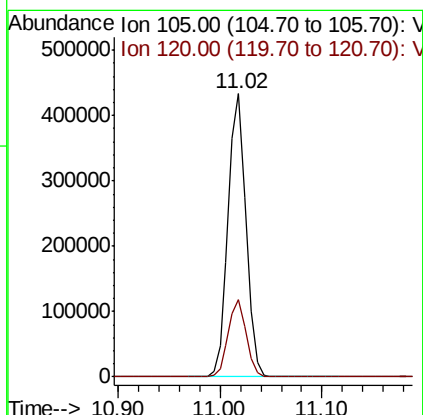
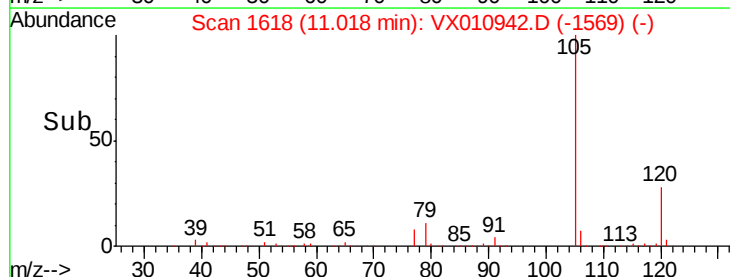
105 100

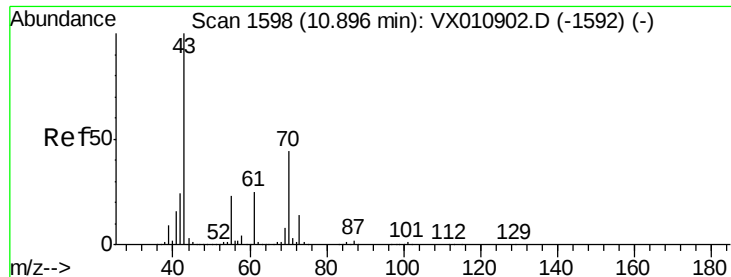
120 27.1 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 53.345 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MS

Tot Ion: 43 Resp: 208344

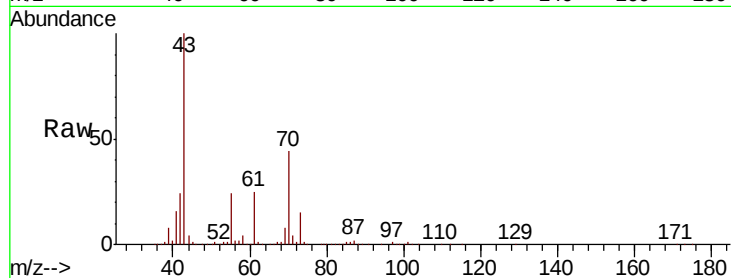
Ion Ratio Lower Upper

43 100

70 43.8 34.7 52.1

55 24.1 19.1 28.7

61 25.0 19.9 29.9

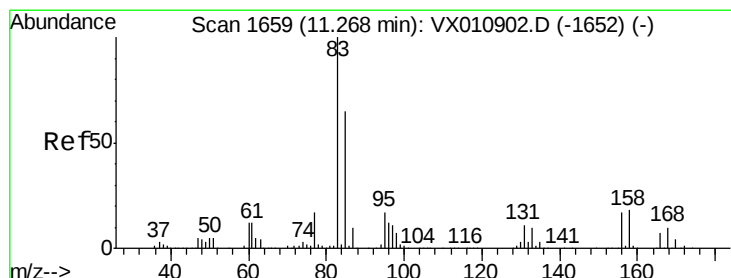
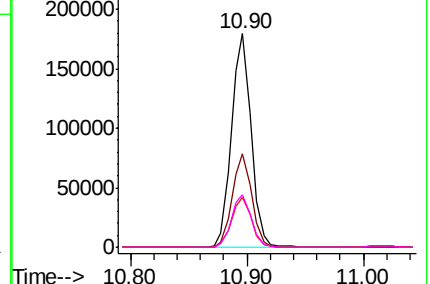
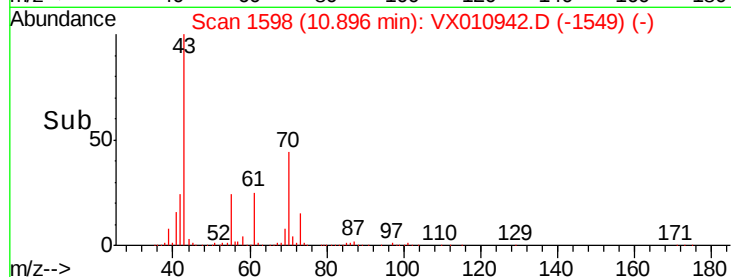


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 52.423 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

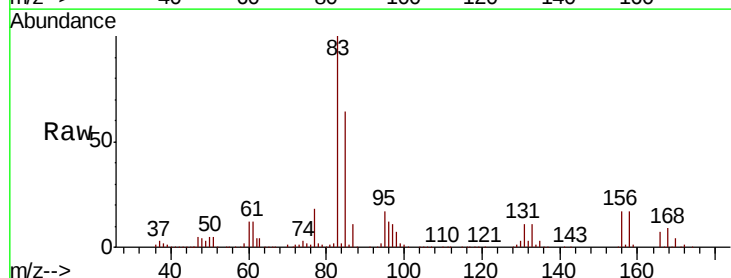
Tgt Ion: 83 Resp: 175360

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.4

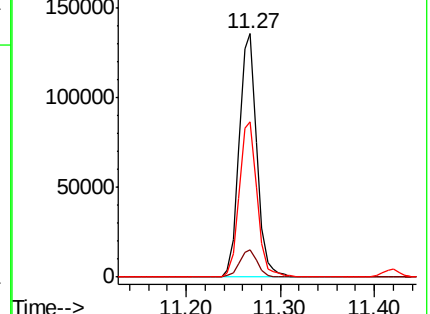
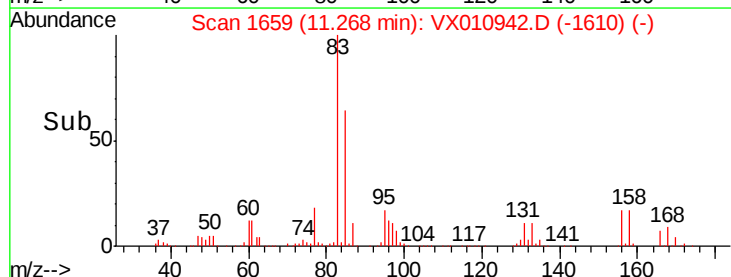
85 64.9 32.3 96.9

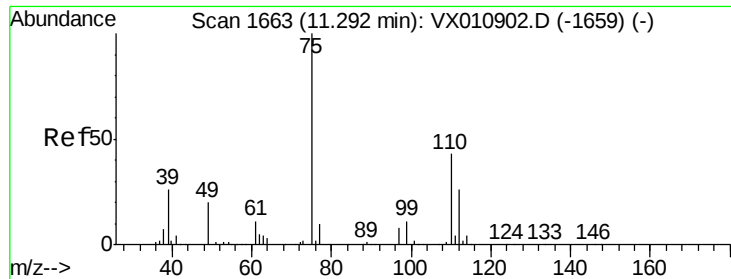


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

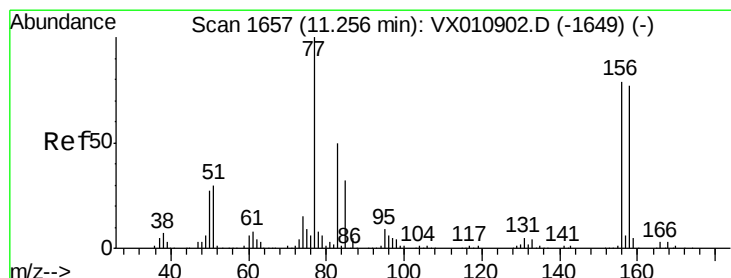
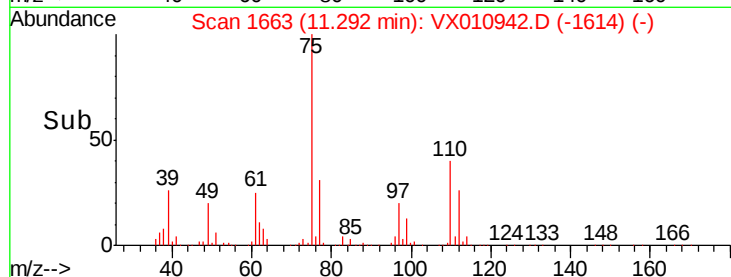
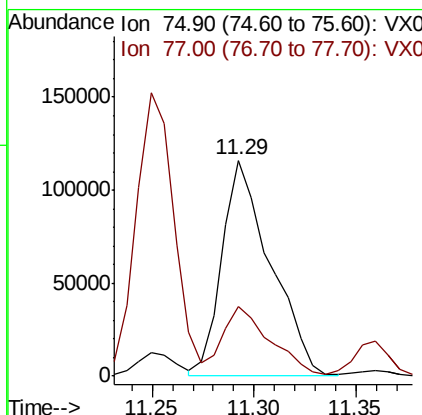
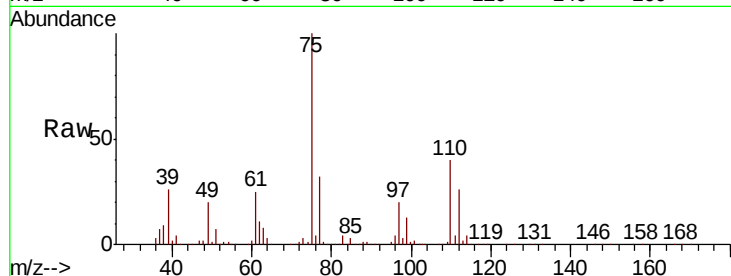




#76
 1,2,3-Trichloropropane
 Concen: 70.226 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX010942.D
 Acq: 17 Jul 2019 17:39

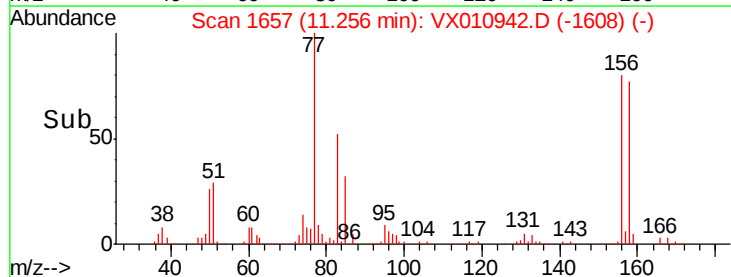
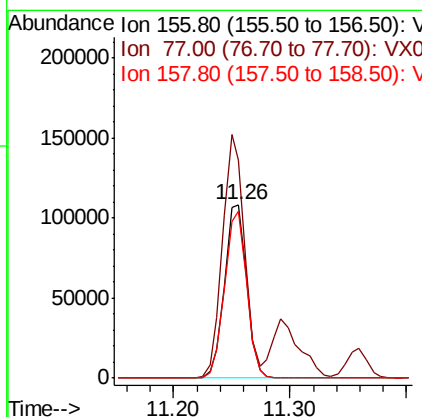
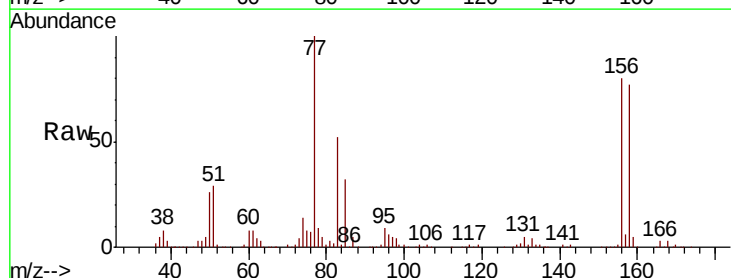
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190716MS

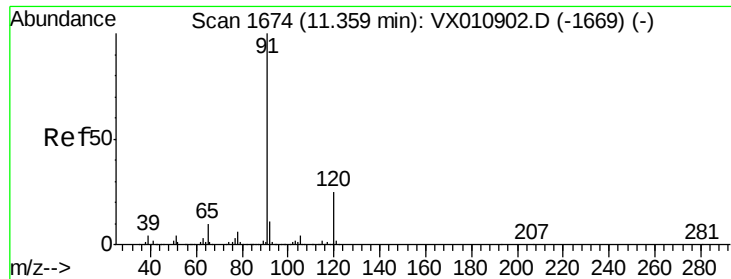
Tot Ion: 75 Resp: 191707
 Ion Ratio Lower Upper
 75 100
 77 31.6 21.3 64.0



#77
 Bromobenzene
 Concen: 50.768 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX010942.D
 Acq: 17 Jul 2019 17:39

Tgt Ion: 156 Resp: 143141
 Ion Ratio Lower Upper
 156 100
 77 137.7 68.7 206.1
 158 95.1 47.9 143.7





#78

n-propylbenzene

Concen: 51.910 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

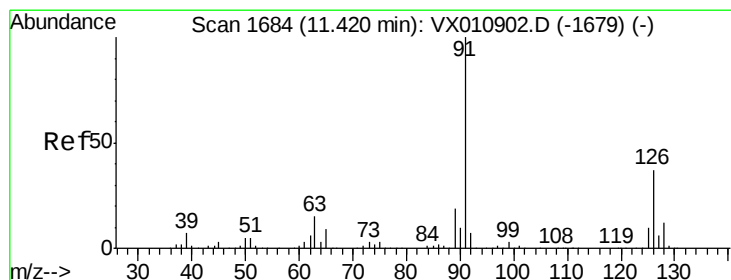
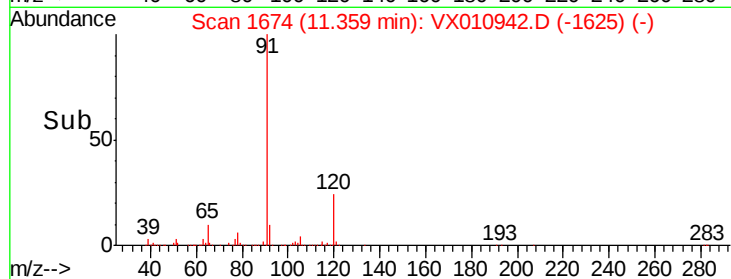
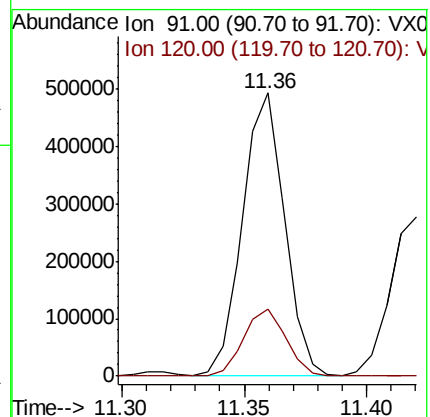
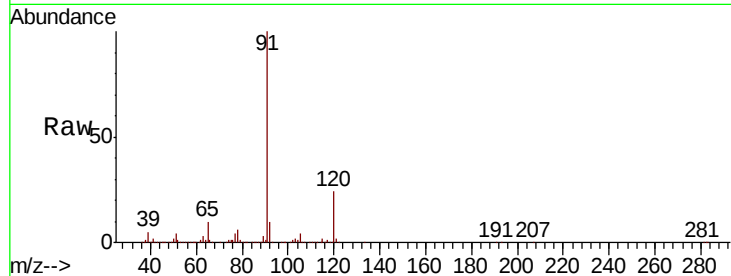
SS050MW641-190716MS

Tot Ion: 91 Resp: 586282

Ion Ratio Lower Upper

91 100

120 24.2 12.3 36.8



#79

2-Chlorotoluene

Concen: 51.326 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010942.D

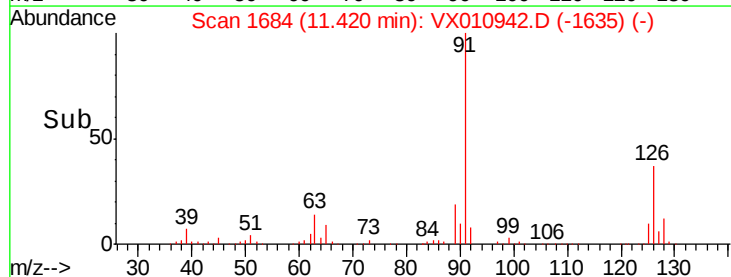
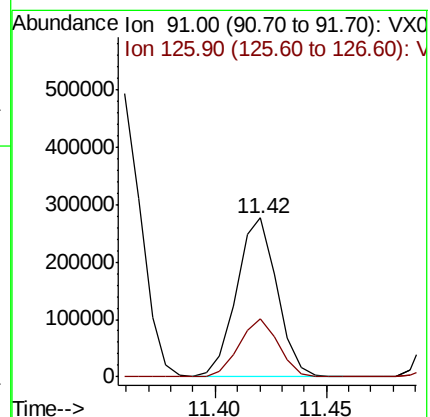
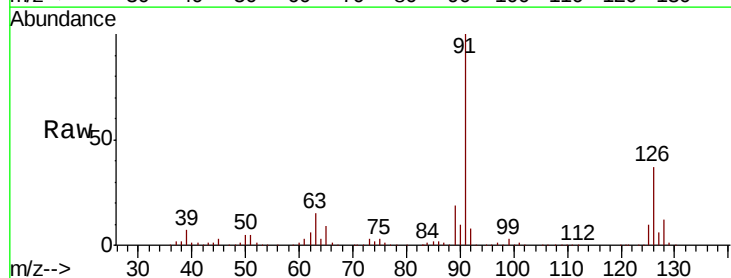
Acq: 17 Jul 2019 17:39

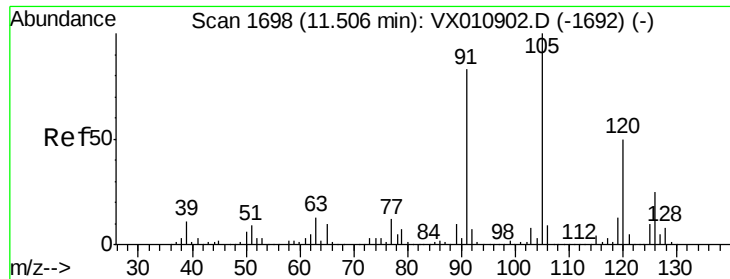
Tgt Ion: 91 Resp: 348231

Ion Ratio Lower Upper

91 100

126 36.0 18.0 54.0

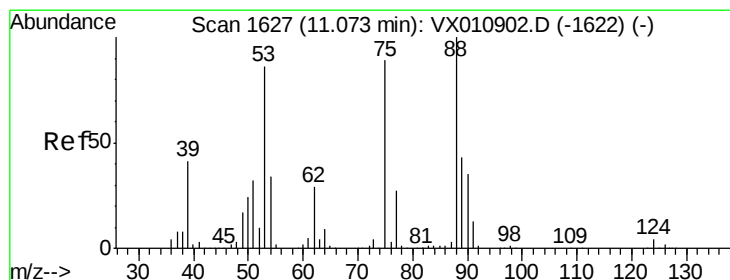
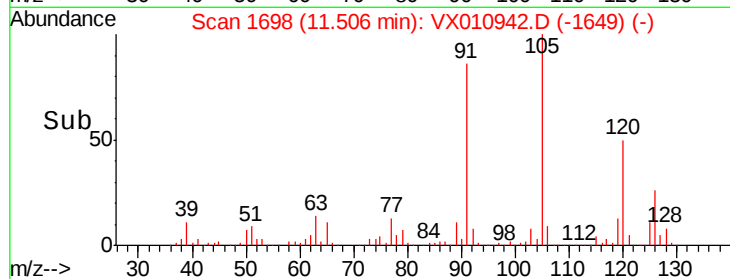
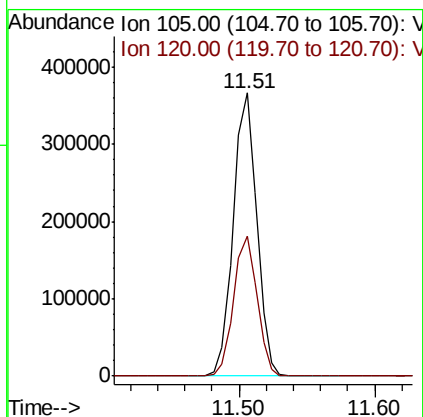
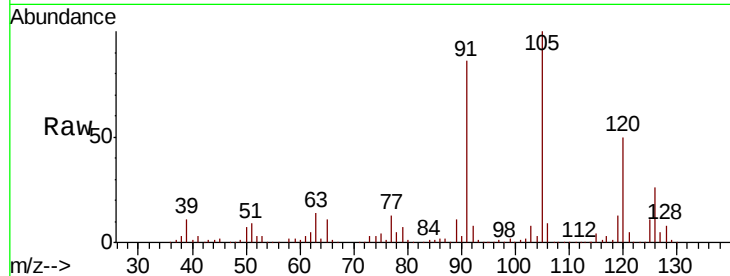




#80
 1,3,5-Trimethylbenzene
 Concen: 51.441 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010942.D
 Acq: 17 Jul 2019 17:39

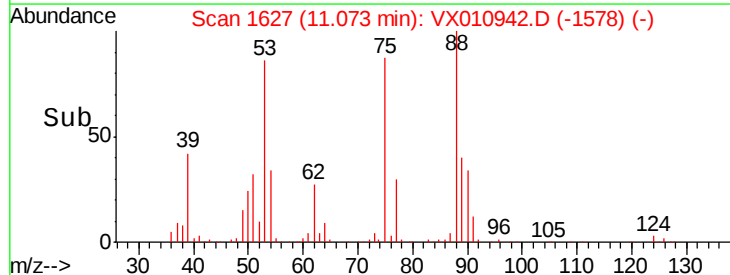
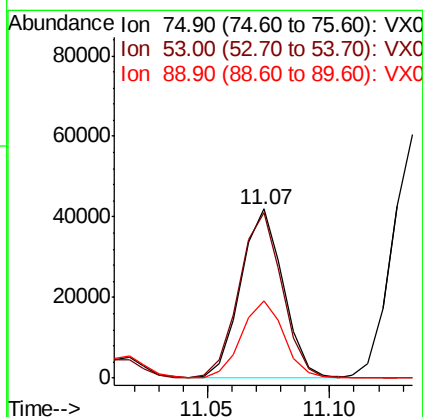
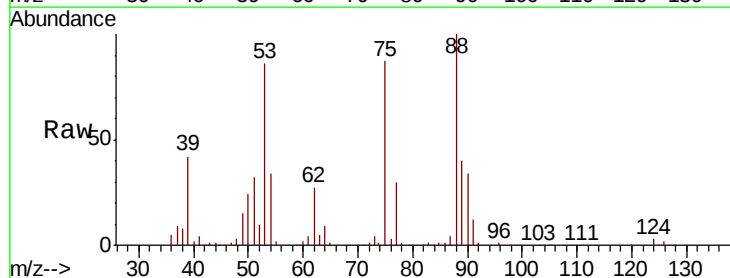
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190716MS

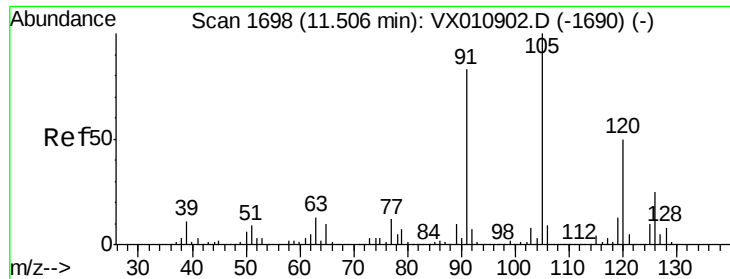
Tot Ion:105 Resp: 439372
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.6 73.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.864 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010942.D
 Acq: 17 Jul 2019 17:39

Tgt Ion: 75 Resp: 50203
 Ion Ratio Lower Upper
 75 100
 53 99.2 76.7 115.1
 89 45.9 38.5 57.7

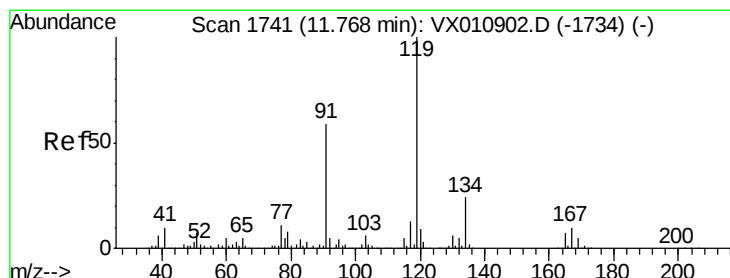
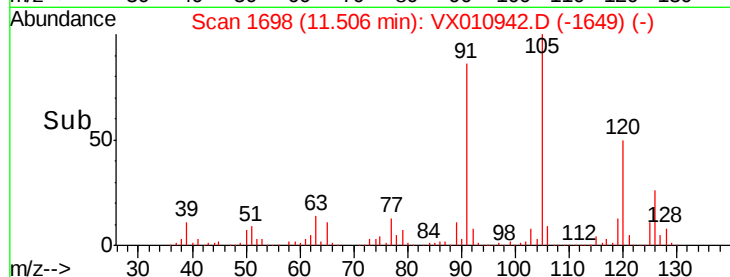
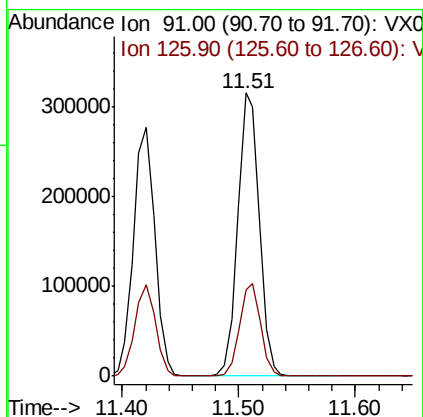
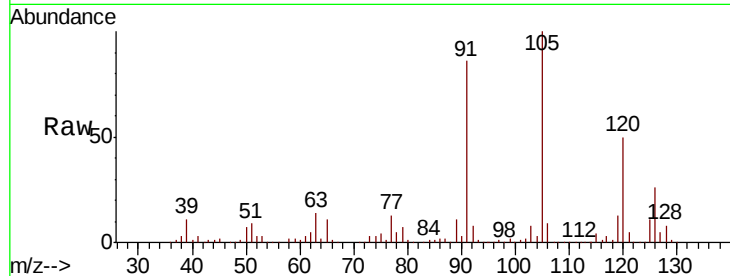




#82
4-Chlorotoluene
Concen: 51.417 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010942.D
Acq: 17 Jul 2019 17:39

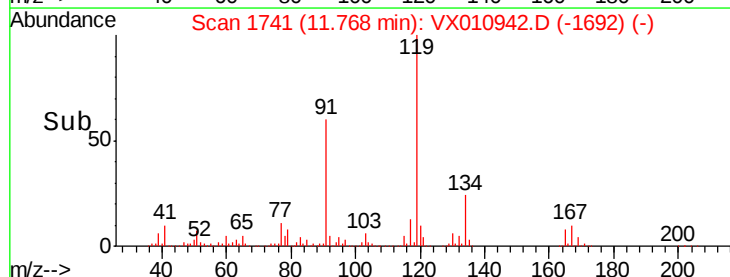
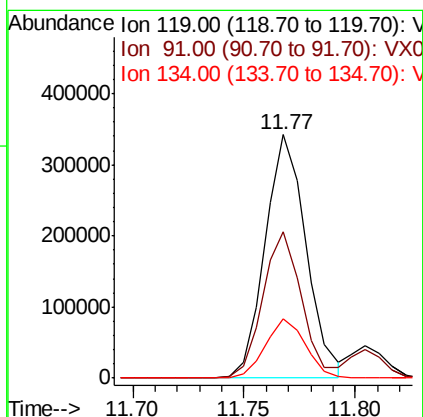
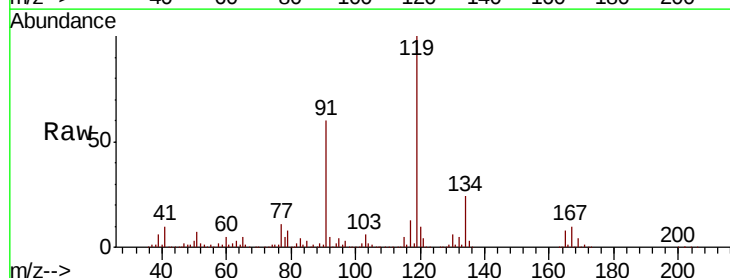
Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190716MS

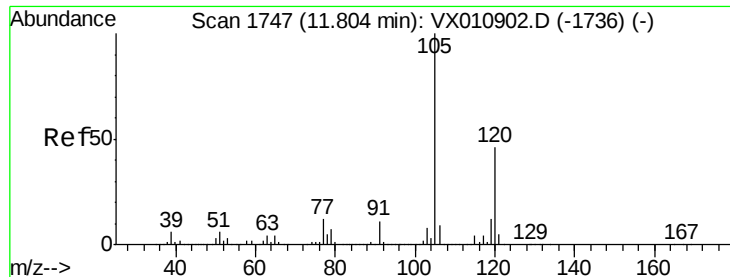
Tot Ion: 91 Resp: 406018
Ion Ratio Lower Upper
91 100
126 32.0 15.9 47.7



#83
tert-Butylbenzene
Concen: 52.242 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010942.D
Acq: 17 Jul 2019 17:39

Tgt Ion: 119 Resp: 438292
Ion Ratio Lower Upper
119 100
91 57.2 28.6 85.8
134 23.7 11.6 34.8

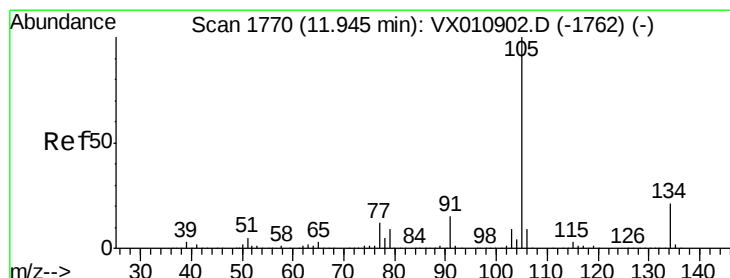
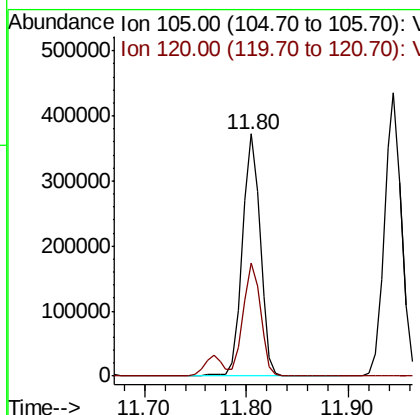
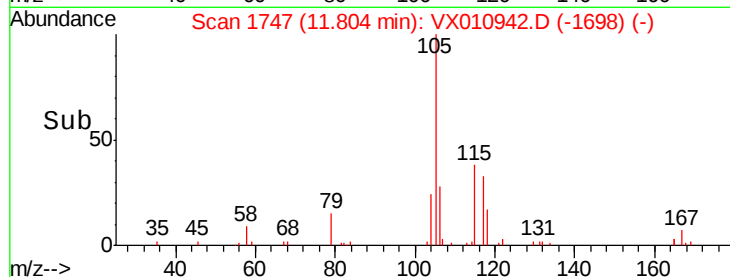
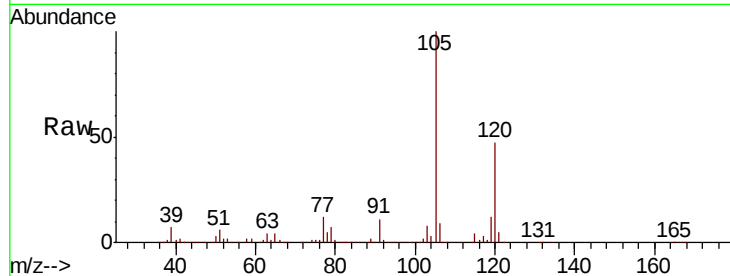




#84
 1,2,4-Trimethylbenzene
 Concen: 51.800 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010942.D
 Acq: 17 Jul 2019 17:39

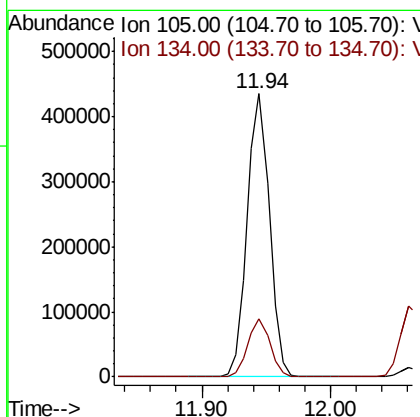
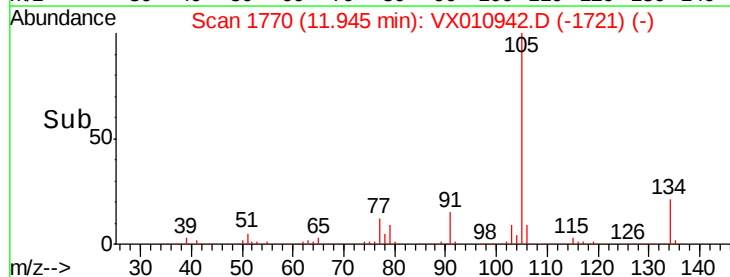
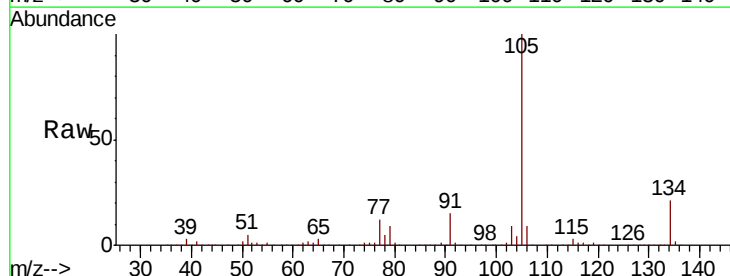
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190716MS

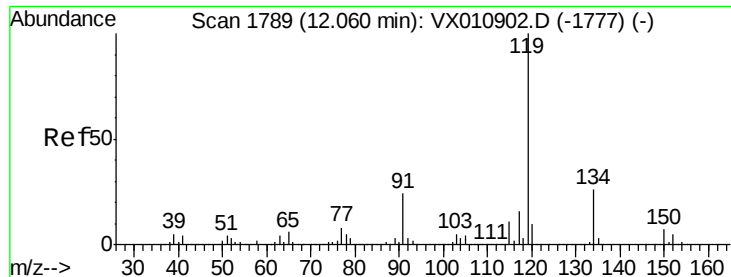
Tot Ion:105 Resp: 445936
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.9 68.5



#85
 sec-Butylbenzene
 Concen: 52.408 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010942.D
 Acq: 17 Jul 2019 17:39

Tgt Ion:105 Resp: 515192
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.4





#86

p-Isopropyltoluene

Concen: 52.359 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MS

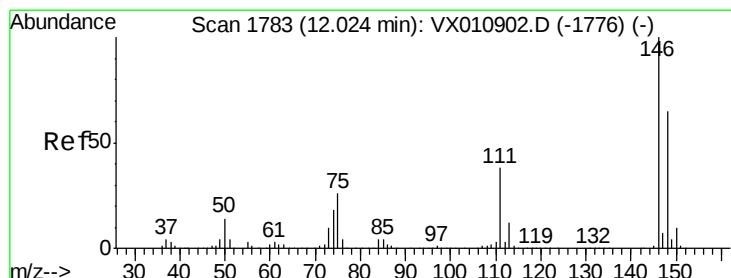
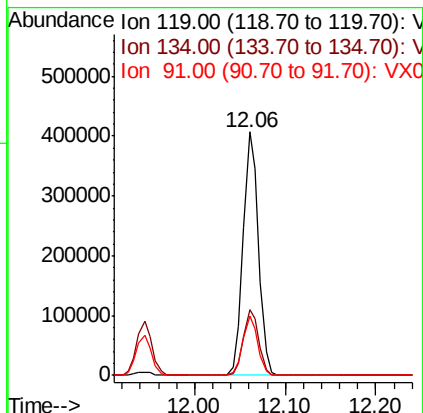
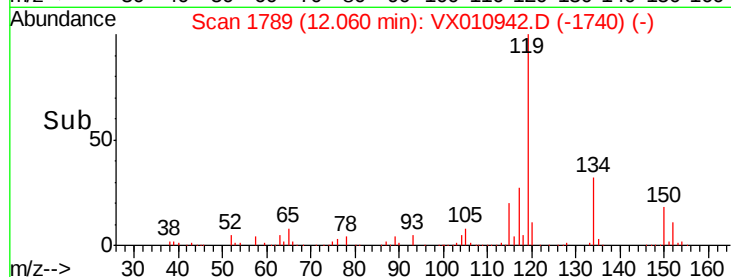
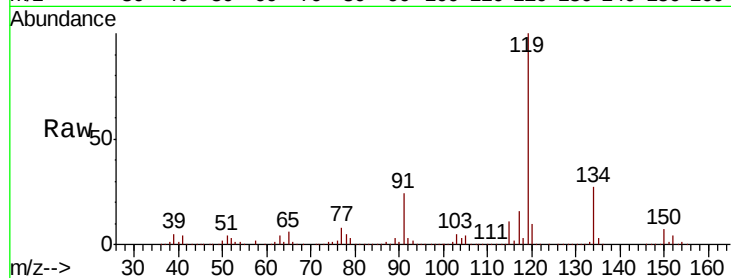
Tot Ion:119 Resp: 475851

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 23.8 11.8 35.4



#87

1,3-Dichlorobenzene

Concen: 51.599 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

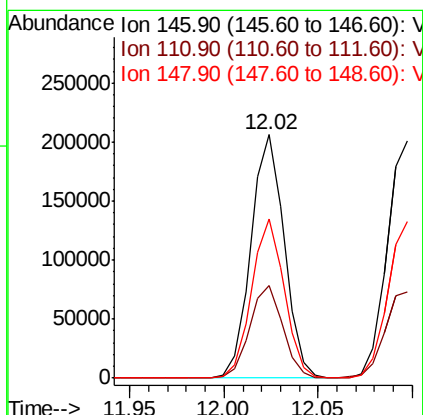
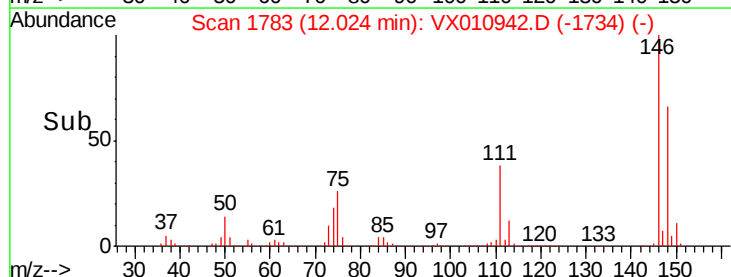
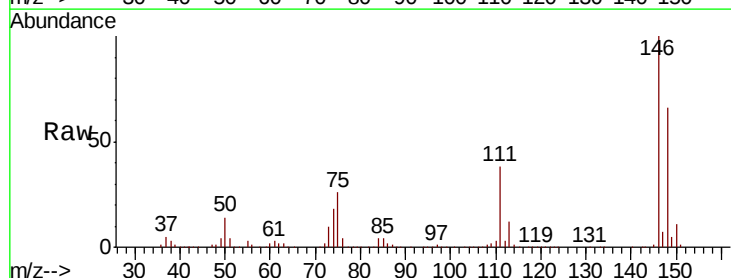
Tgt Ion:146 Resp: 252474

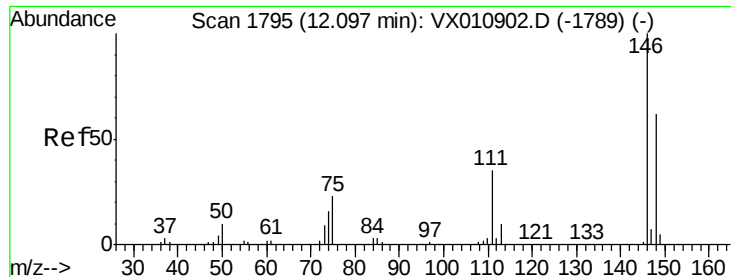
Ion Ratio Lower Upper

146 100

111 37.8 18.9 56.9

148 64.2 32.2 96.6





#88

1,4-Dichlorobenzene

Concen: 49.957 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MS

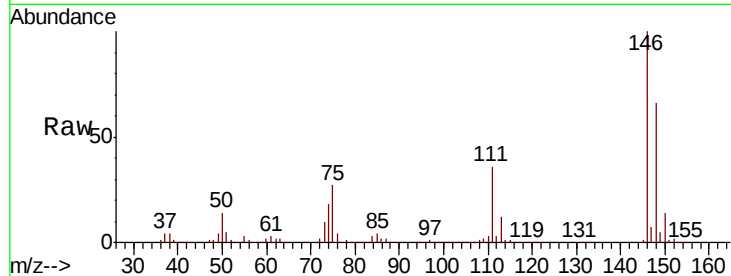
Tot Ion:146 Resp: 250698

Ion Ratio Lower Upper

146 100

111 37.6 18.6 55.8

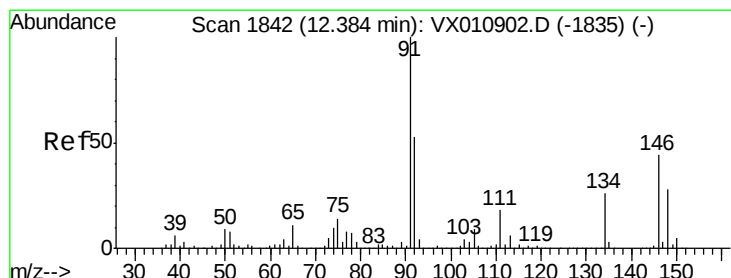
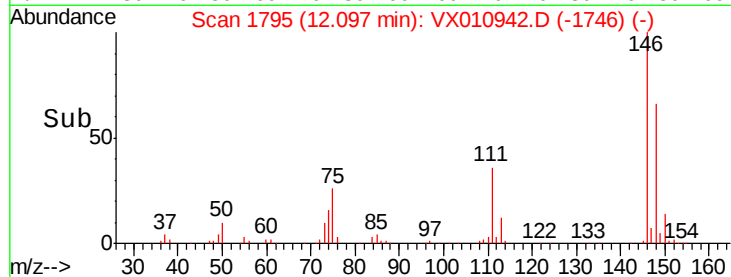
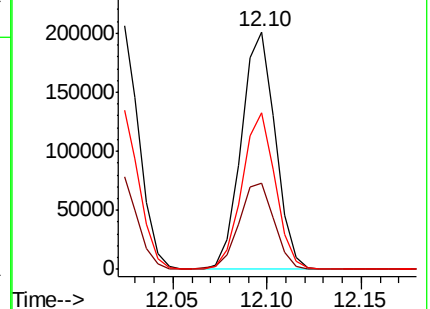
148 64.9 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 52.670 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

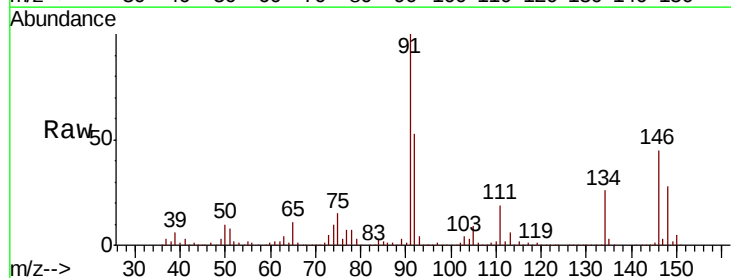
Tgt Ion: 91 Resp: 409522

Ion Ratio Lower Upper

91 100

92 52.6 26.2 78.5

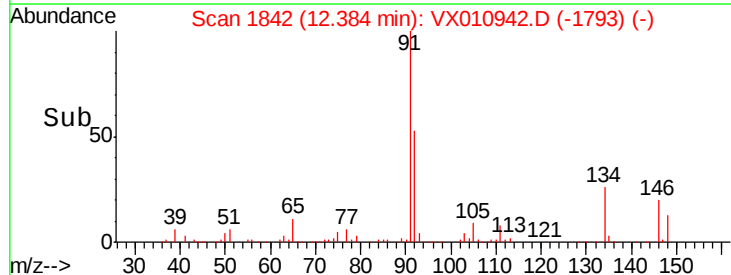
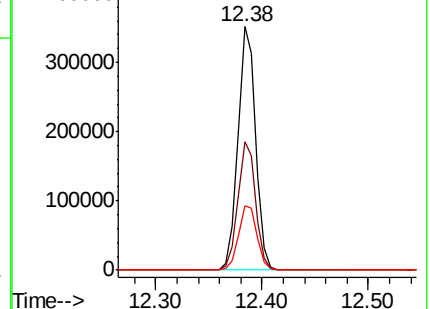
134 27.3 13.8 41.3

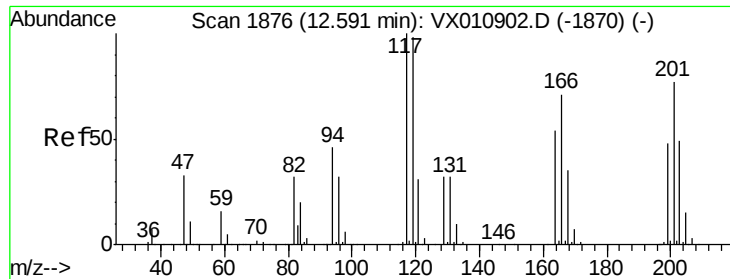


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 51.247 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

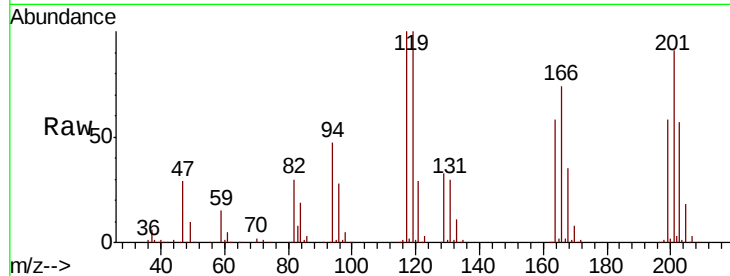
SS050MW641-190716MS

Tot Ion:117 Resp: 73460

Ion Ratio Lower Upper

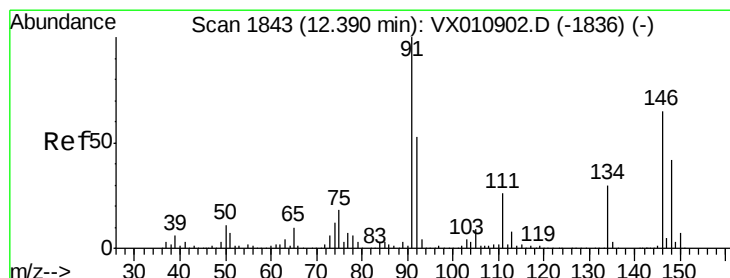
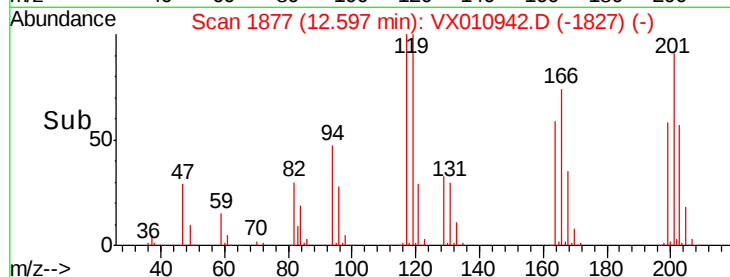
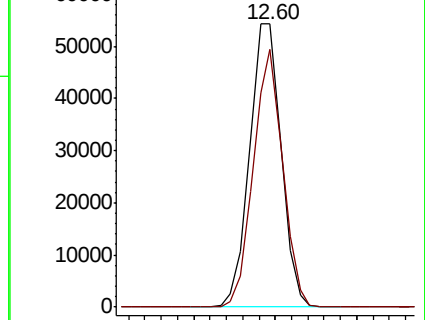
117 100

201 84.6 43.3 129.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 51.049 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

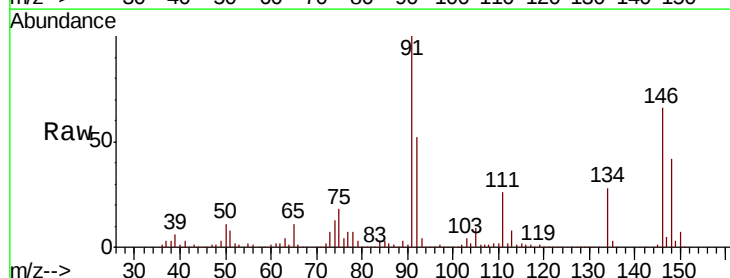
Tgt Ion:146 Resp: 247554

Ion Ratio Lower Upper

146 100

111 39.8 19.9 59.7

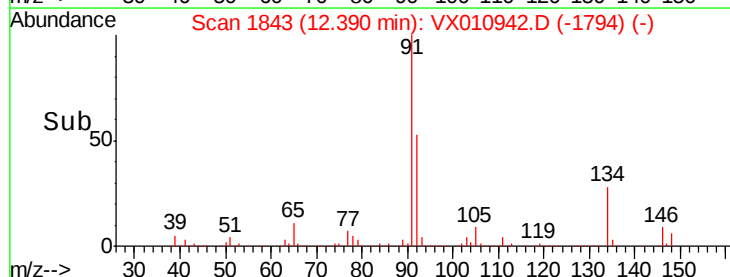
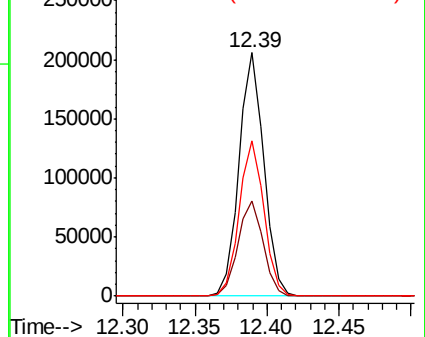
148 63.8 32.0 96.2

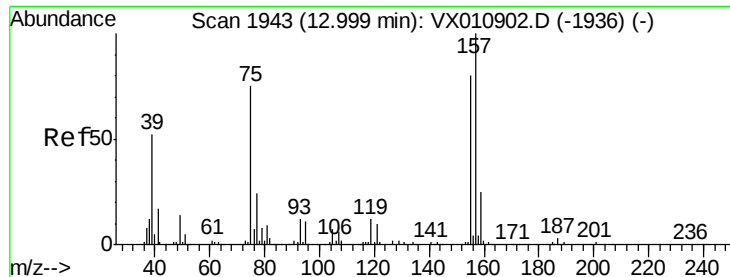


Abundance Ion 145.90 (145.60 to 146.60): V

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: 53.616 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Instrument :

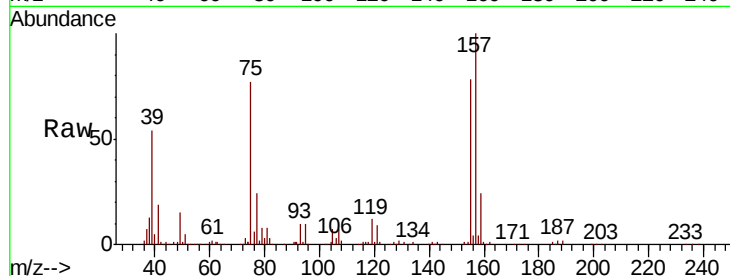
MSVOA_X

ClientSampleId :

SS050MW641-190716MS

Tot Ion: 75 Resp: 37490

Ion	Ratio	Lower	Upper
75	100		
155	95.6	48.7	146.1
157	124.5	62.5	187.6

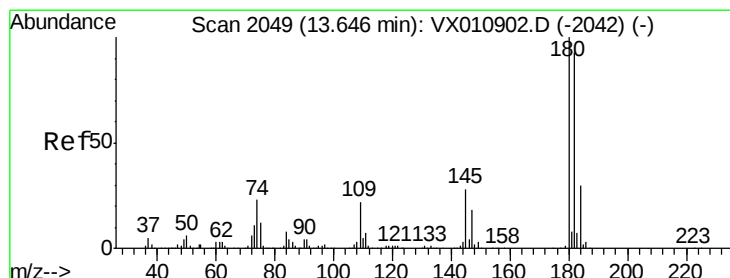
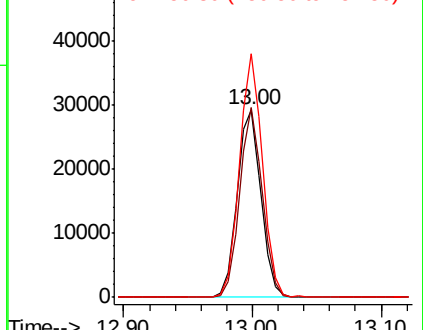
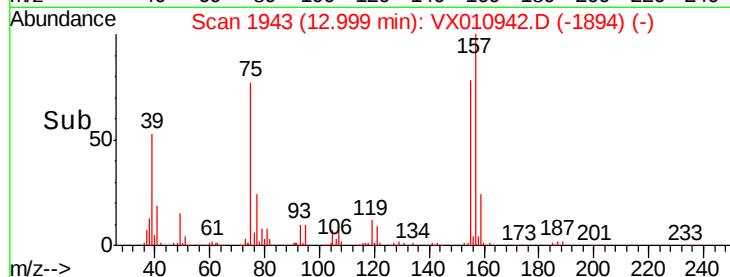


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 51.424 ug/l

RT: 13.65 min Scan# 2049

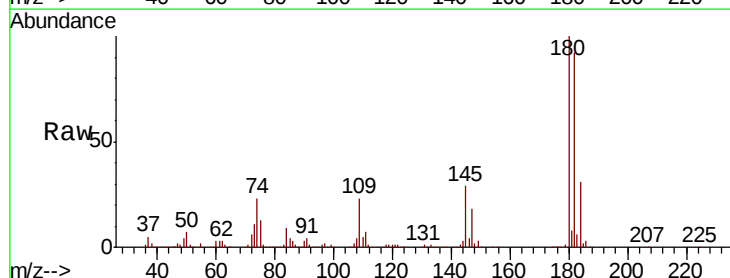
Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Tgt Ion: 180 Resp: 169002

Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.1	141.3
145	29.7	14.8	44.4

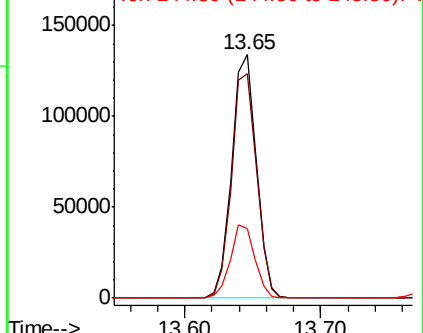
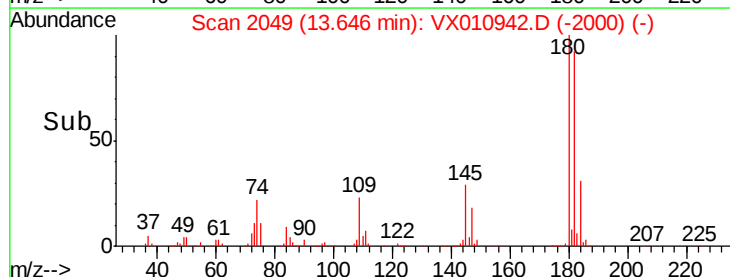


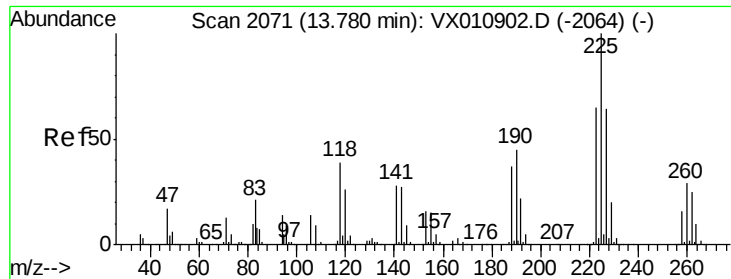
Abundance

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: 50.203 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190716MS

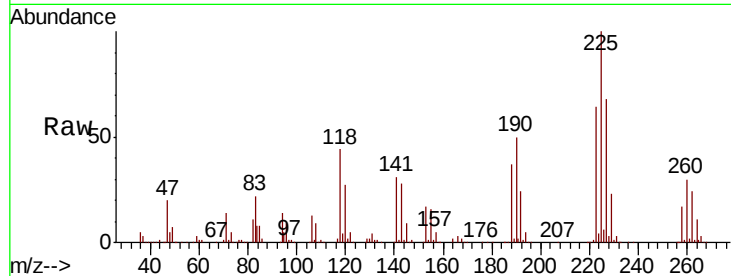
Tot Ion:225 Resp: 81760

Ion Ratio Lower Upper

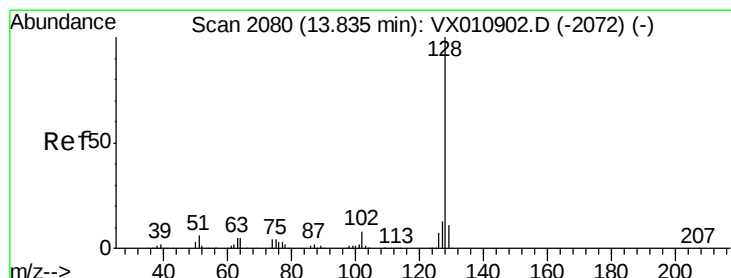
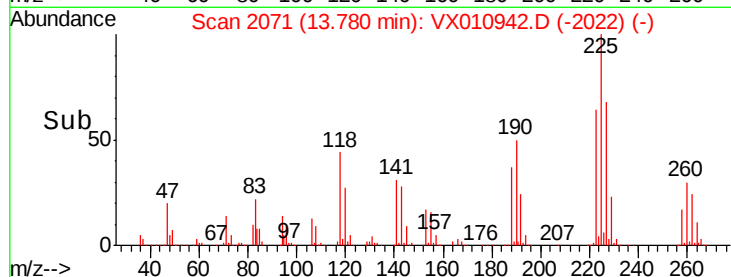
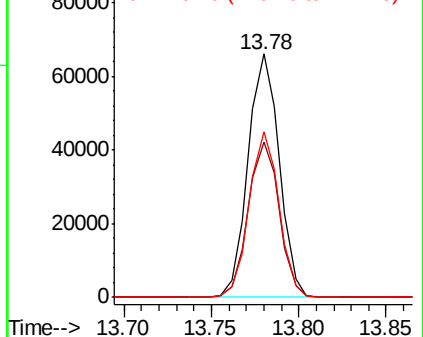
225 100

223 63.4 31.9 95.9

227 65.2 32.5 97.4



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: 53.039 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010942.D

Acq: 17 Jul 2019 17:39

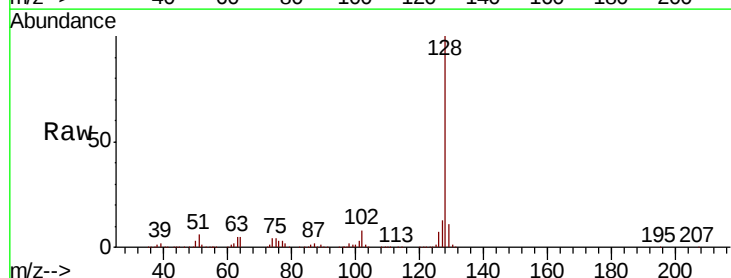
Tgt Ion:128 Resp: 514728

Ion Ratio Lower Upper

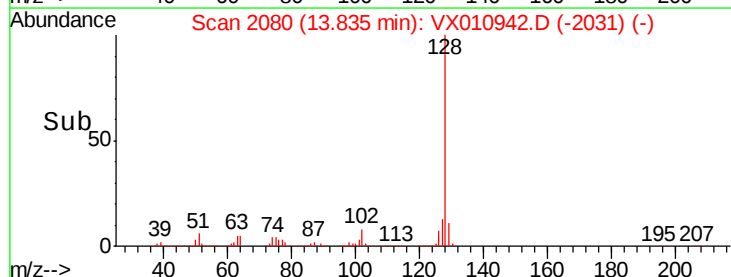
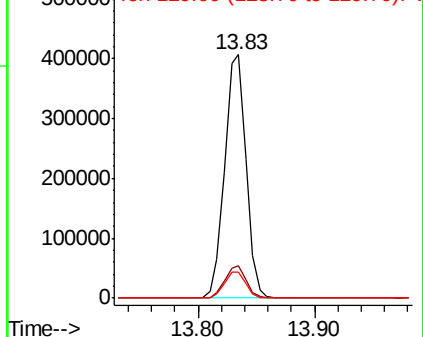
128 100

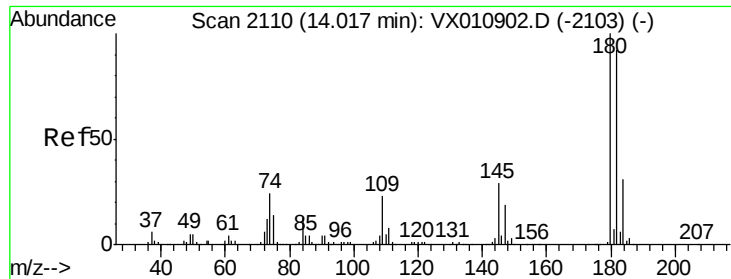
127 13.1 10.4 15.6

129 10.9 8.9 13.3



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

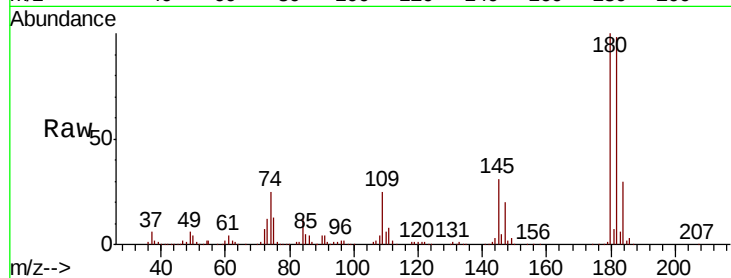




#96
 1,2,3-Trichlorobenzene
 Concen: 52.180 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX010942.D
 Acq: 17 Jul 2019 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190716MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.4	142.3
145	30.7	15.1	45.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

